

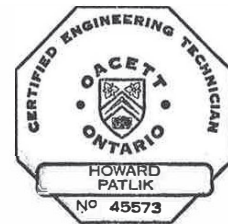
**NOISE IMPACT FEASIBILITY STUDY
KANATA AVENUE
THE WOOD – PHASE II
KANATA, ONTARIO**

FOR

KANATA WOODS INC.

PREPARED BY

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JUNE 30, 2021

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INTRODUCTION

At the request of Kanata Woods Inc., J.E. COULTER ASSOCIATES LIMITED has reviewed the proposed mixed-use (residential and commercial) development at Kanata Avenue 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 4 for plans and elevations). This proposed mixed-use development is a single, 6-storey building located northwest of Kanata Avenue at Canadian Shield Avenue in Ottawa, Ontario. The proposed development includes grade-level restaurant and commercial uses and 5 residential floors above, with associated 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 (i.e., retail areas, offices), 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:

| 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.

NOISE SOURCES

Transportation Noise Sources

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

| 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 |

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, and Campeau Drive.

| Table 5: Projected Traffic L_{eq} Sound Levels | | | | | | | | |
|---|--|----------------------|----------------------|--------------|--|----------------------|----------------------|--------------|
| Location | Daytime Sound Level (dB L_{eq}) | | | | Nighttime Sound Level (dB L_{eq}) | | | |
| | Queensway | Kanata Avenue | Campeau Drive | Total | Queensway | Kanata Avenue | Campeau Drive | Total |
| R1 – NW | 64 | 57 | 46 | 65 | 57 | 50 | 38 | 58 |
| R2 – SW | 69 | 71 | 42 | 73 | 61 | 66 | 35 | 66 |
| R3 – SE | 70 | 71 | 42 | 74 | 63 | 64 | 35 | 66 |
| R4 – NE | 68 | 62 | 46 | 69 | 61 | 55 | 38 | 62 |
| Grade Level OLA (Pool) – West | 53 | 48 | 47 | 55 | -- | -- | -- | -- |
| Grade Level OLA – East | 53 | 48 | 47 | 55 | -- | -- | -- | -- |
| Rooftop Terrace – Central (Level 7) | 59 | 43 | 43 | 59 | -- | -- | -- | -- |

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 and Kanata Avenue. Campeau Drive is acoustically insignificant relative to Highway 417 and Kanata Drive 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.

EXTERIOR NOISE CONTROL MEASURES

All grade outdoor amenity areas located at the north side of the site meet 55 dB L_{eq} daytime or less. The sound level at the 7th level rooftop terrace (central) is expected to be 59 dB L_{eq} daytime. It is not feasible to achieve 55 dB at this terrace as the barrier height requirement would be very significant (over 10m at the perimeter). Given there are other amenity areas available in the development where quieter sound levels are expected, it is recommended that all occupants be provided with a warning clause notifying them of the noise excess as per the City of Ottawa's Noise Guidelines. All standard balconies are less than 4m in depth and are not considered amenity areas and do not require any noise control measures.

VENTILATION AND WARNING CLAUSE REQUIREMENTS

The sound levels generated by combination of The Queensway and Kanata Avenue 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 *Occupancy/Rental Agreements* 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 8 and 9, 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.

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 11 building plus one 10-storey hotel 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), 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 and 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 be the worst-case scenario (see Appendix A, Figure 5). 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.

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 – NW | R2 – SW | R3 – SE | R4 – NE |
| 1. Fat Tuesday Restaurant | 34.1 | 35.1 | 30.1 | 9.9 |
| 2. BBQ World | 35.6 | 37.3 | 35.3 | 18.6 |
| 3. Best Buy | 37.2 | 39.5 | 36.5 | 18.9 |
| 4. H&R Block | 9.4 | 30.6 | 33.5 | 26.6 |
| 5. CIBC | 9.1 | 29.9 | 34.0 | 32.7 |
| 6. Upper Room | 15.1 | 35.1 | 37.8 | 37.0 |
| 7. Golf Town | 20.2 | 36.4 | 37.3 | 24.7 |
| 8. Hotel (Holiday Inn) | 9.9 | 24.7 | 28.0 | 28.1 |
| 9. Milestones | 15.7 | 37.0 | 43.0 | 41.4 |
| 10. Walmart | 38.9 | 38.5 | 35.0 | 13.8 |
| 10B. Walmart (Tires/Lube Centre) | 32.6 | 34.4 | 31.6 | 10.6 |
| 11. Active Sports | 32.3 | 31.9 | 28.5 | 8.4 |
| 12. IMAX Theatre | 25.1 | 34.5 | 38.0 | 23.7 |
| Total Sound Level (dB) | 44 | 47 | 48 | 44 |
| Noise Criteria (dB L _{eq}), Class 1 | 53 | 61 | 62 | 57 |
| Noise Impact (dB), Class 1 | - 9 | -14 | -14 | -13 |

| Table 9: Projected Sound Level (Stationary Sources) Nighttime (2300–0700 Hours) | | | | |
|--|--|----------------|----------------|----------------|
| Sources | Total Sound Level (dB L_{eq}) | | | |
| | R1 – NW | R2 – SW | R3 – SE | R4 – NE |
| 1. Fat Tuesday Restaurant | 31.1 | 32.1 | 27.1 | 6.9 |
| 2. BBQ World | 32.6 | 34.3 | 32.3 | 15.6 |
| 3. Best Buy | 34.2 | 36.5 | 33.5 | 15.9 |
| 4. H&R Block | 6.4 | 27.6 | 30.5 | 23.6 |
| 5. CIBC | 6.1 | 26.9 | 31.0 | 29.7 |
| 6. Upper Room | 12.1 | 32.1 | 34.8 | 34.0 |
| 7. Golf Town | 17.2 | 33.4 | 34.3 | 21.7 |
| 8. Hotel (Holiday Inn) | 6.9 | 21.7 | 25.0 | 25.1 |
| 9. Milestones | 12.7 | 34.0 | 40.0 | 38.4 |
| 10. Walmart | 35.9 | 35.5 | 32.0 | 10.8 |
| 10B. Walmart (Tires/Lube Centre) | 0 | 0 | 0 | 0 |
| 11. Active Sports | 29.3 | 28.9 | 25.5 | 5.4 |
| 12. IMAX Theatre | 23.1 | 33.0 | 36.1 | 21.8 |
| Total Sound Level (dB) | 40 | 44 | 45 | 41 |
| Noise Criteria (dB L _{eq}), Class 1 | 45 | 52 | 53 | 48 |
| Noise Impact (dB), Class 1 | - 5 | - 8 | - 8 | - 7 |

During the daytime (Table 8) , the sound levels from mechanical equipment are expected to be 9 to 14 dB below the quietest hourly sound level. At night (Table 9), the mechanical equipment sound levels are expected to be 5 to 8 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 6). 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 – NW | R2 – SW | R3 – SE | R4 – NE |
| BBQ World | 37.6 | 37.8 | 35.2 | 15.1 |
| Best Buy | 32.0 | 29.3 | 24.3 | 11.2 |
| Golf Town | 38.5 | 33.4 | 22.5 | 18.2 |
| Walmart | 20.8 | 21.9 | 23.1 | 19.2 |
| Active Sports | 28.3 | 45.6 | 43.6 | 26.9 |
| Total Sound Level (dB) | 42 | 47 | 44 | 28 |
| Noise Criteria (dB L _{eq}), Class 1 | 53 | 61 | 62 | 57 |
| Noise Impact (dB), Class 1 | -11 | -14 | -18 | -29 |

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 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:

TRANSPORATION SOURCES

1. It is recommended all residential units in Ph II of The Woods 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 once detailed architectural drawings and suite configurations are available, the acoustic consultant confirm the final façade requirements.

APPENDIX A: FIGURES

KEY PLAN

NOT TO SCALE

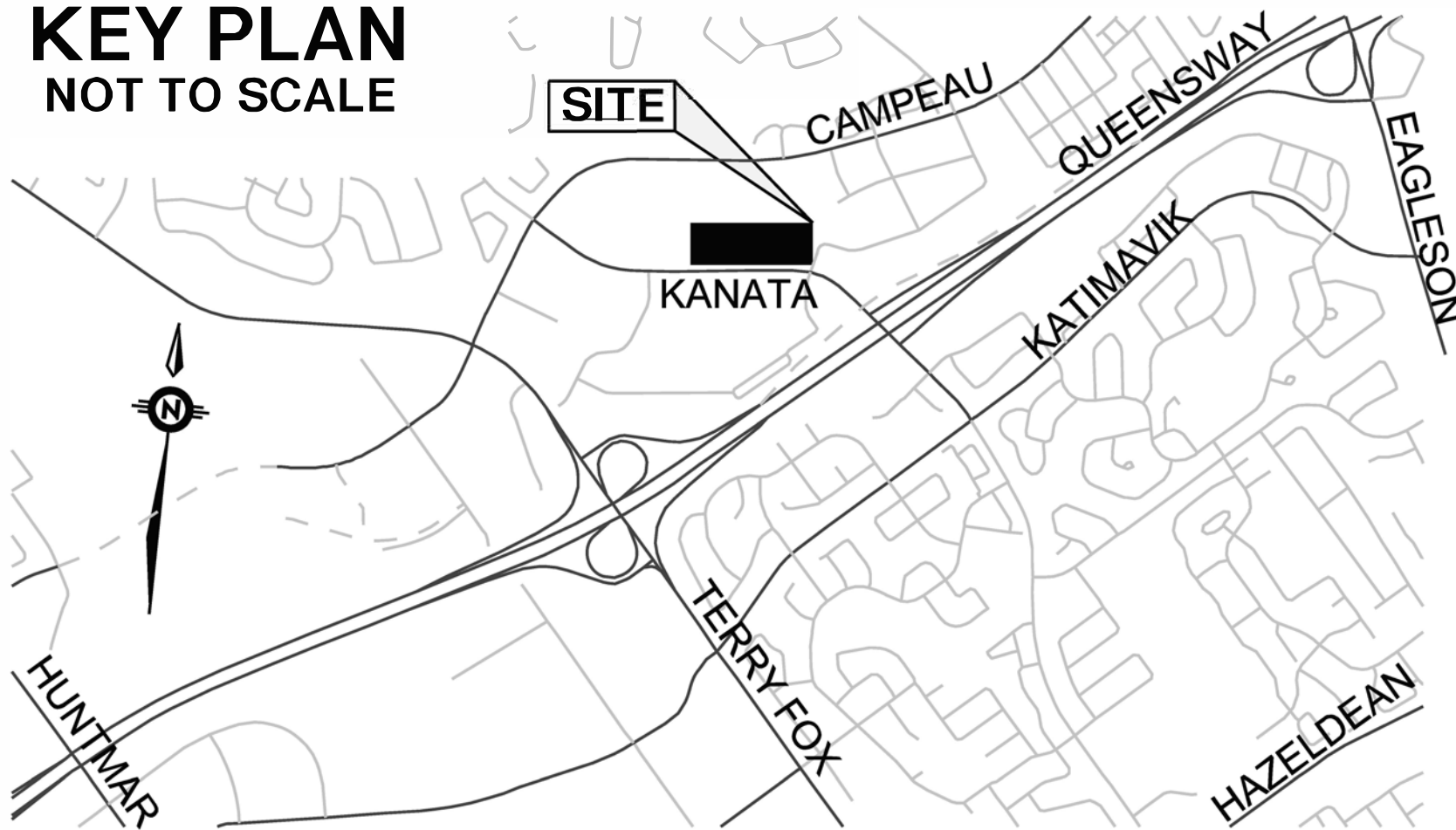
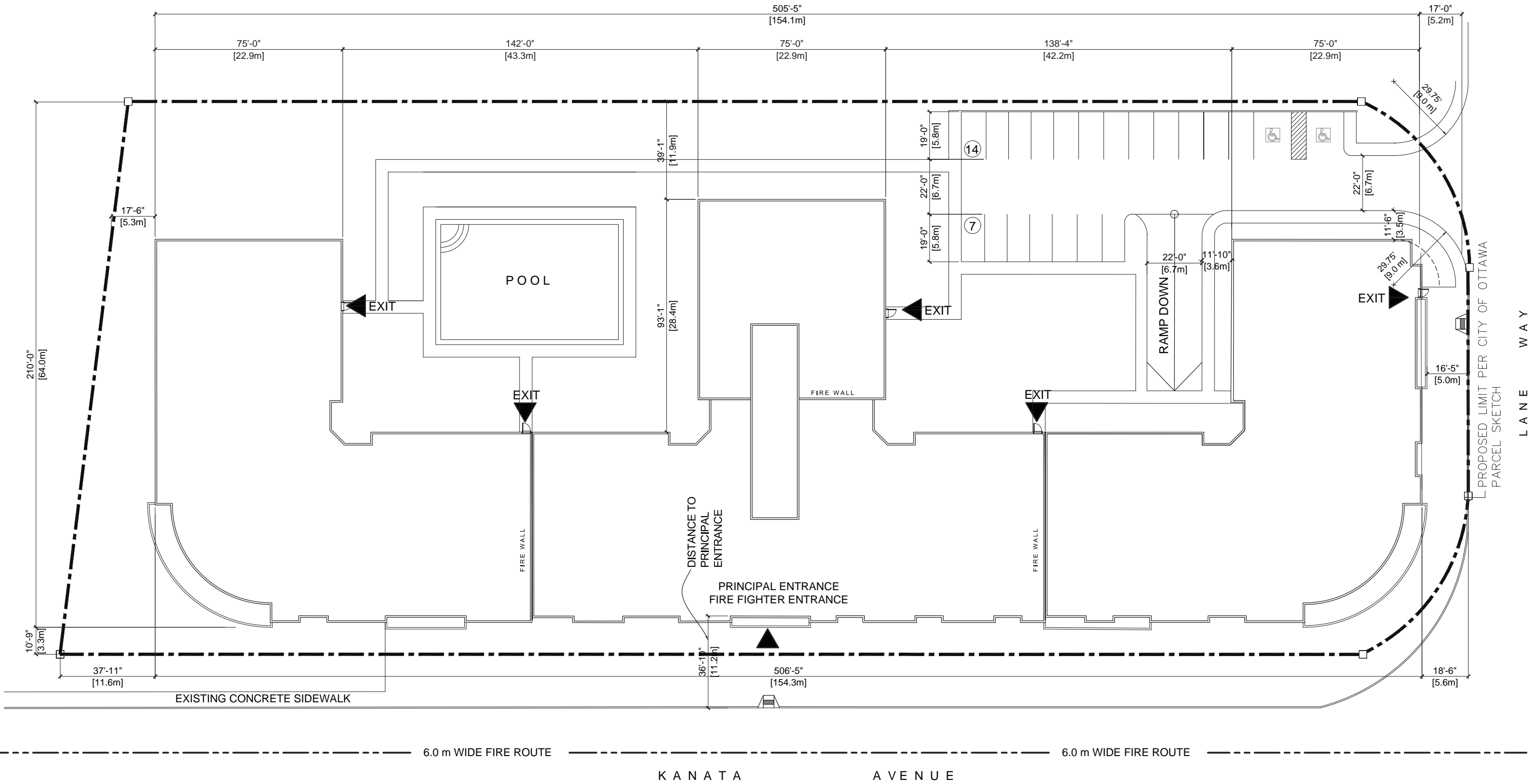


FIGURE 1



PRELIMINARY SITE PLAN
SCALE 1 = 300

FIGURE 2



DRAWING TITLE:
PERSPECTIVE AERIAL VIEW ALONG KANATE AVE. [LOOKING EAST]

THE WOODS

KANATA AVE. AND CANADIAN SHIELD AVE
OTTAWA, ON

DRAWN BY:
A.L

PRINT DATE:
2020.11.05

SCALE:
1:100

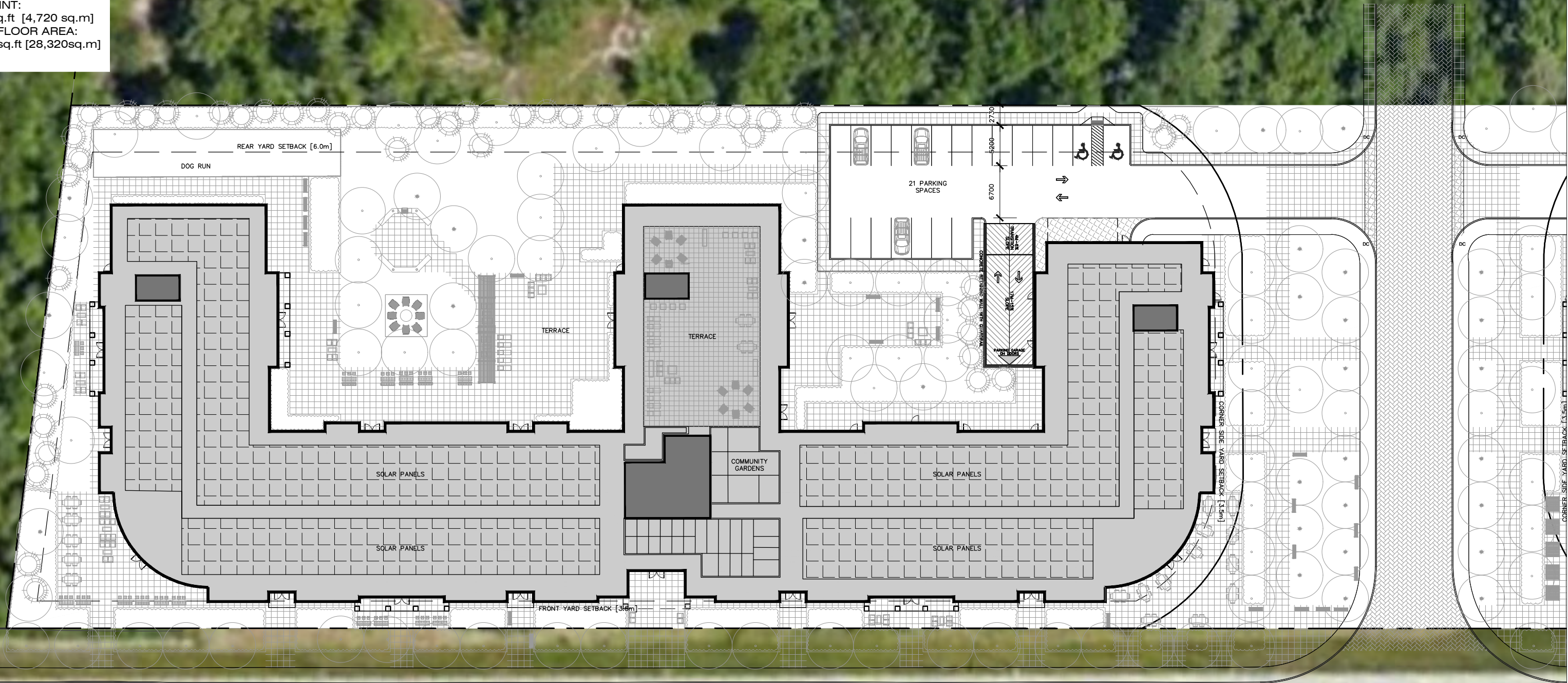
PROJECT NUMBER:
SL-1028-20

A0.2

FIGURE 3

BUILDING A
6 STOREY
APARTMENT BUILDING

FOOTPRINT:
50,806sq.ft [4,720 sq.m]
GROSS FLOOR AREA:
304,836sq.ft [28,320sq.m]



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DRAWING TITLE:
ARCHITECTURAL SITE PLAN - BUILDING A

THE WOODS

KANATA AVE. AND CANADIAN SHIELD AVE
OTTAWA, ON

DRAWN BY:
A.L

PRINT DATE:
2020.11.05

SCALE:
1:500

PROJECT NUMBER:
SL-1028-20

A1.1a

FIGURE 4



FIGURE 5

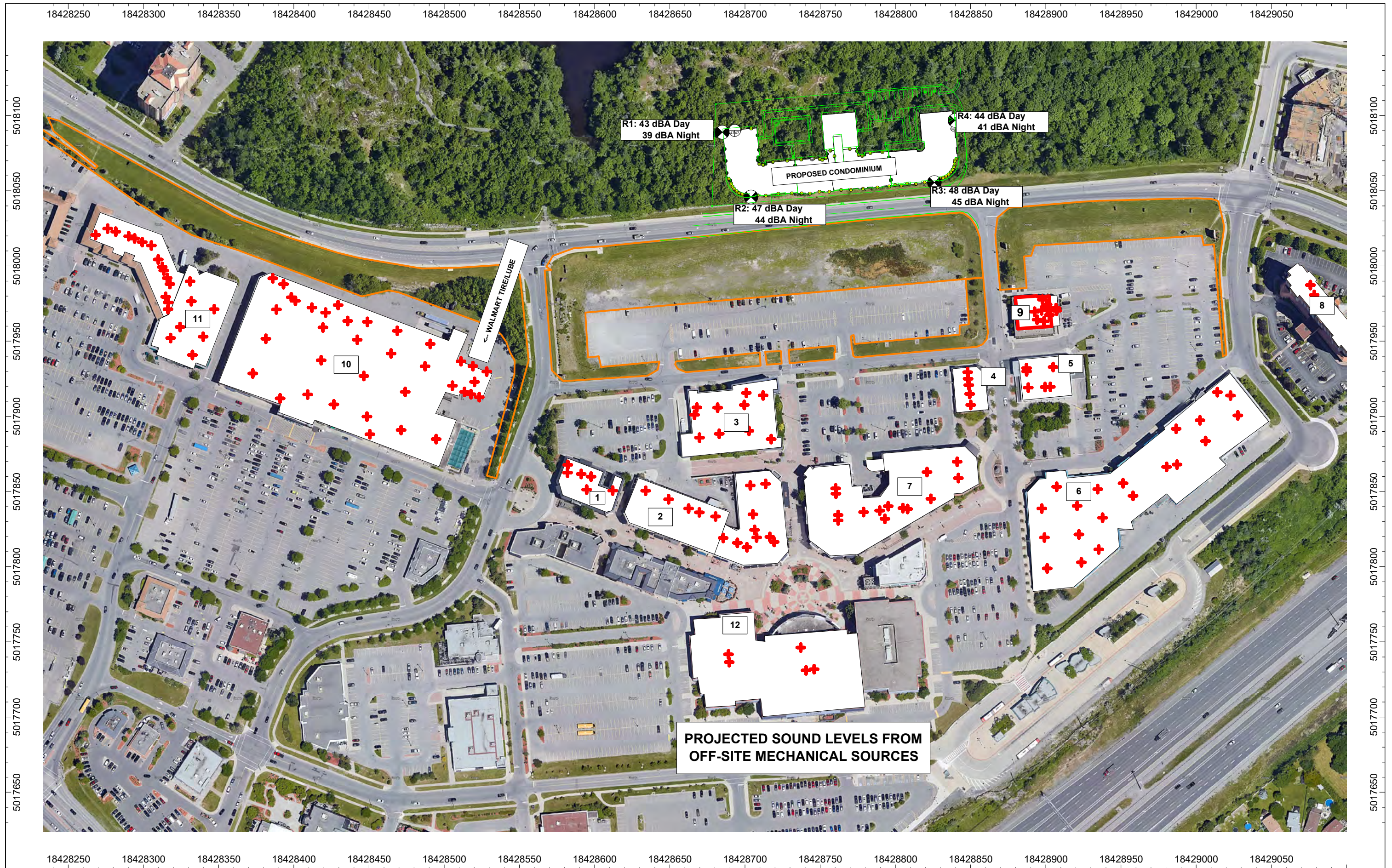


FIGURE 6

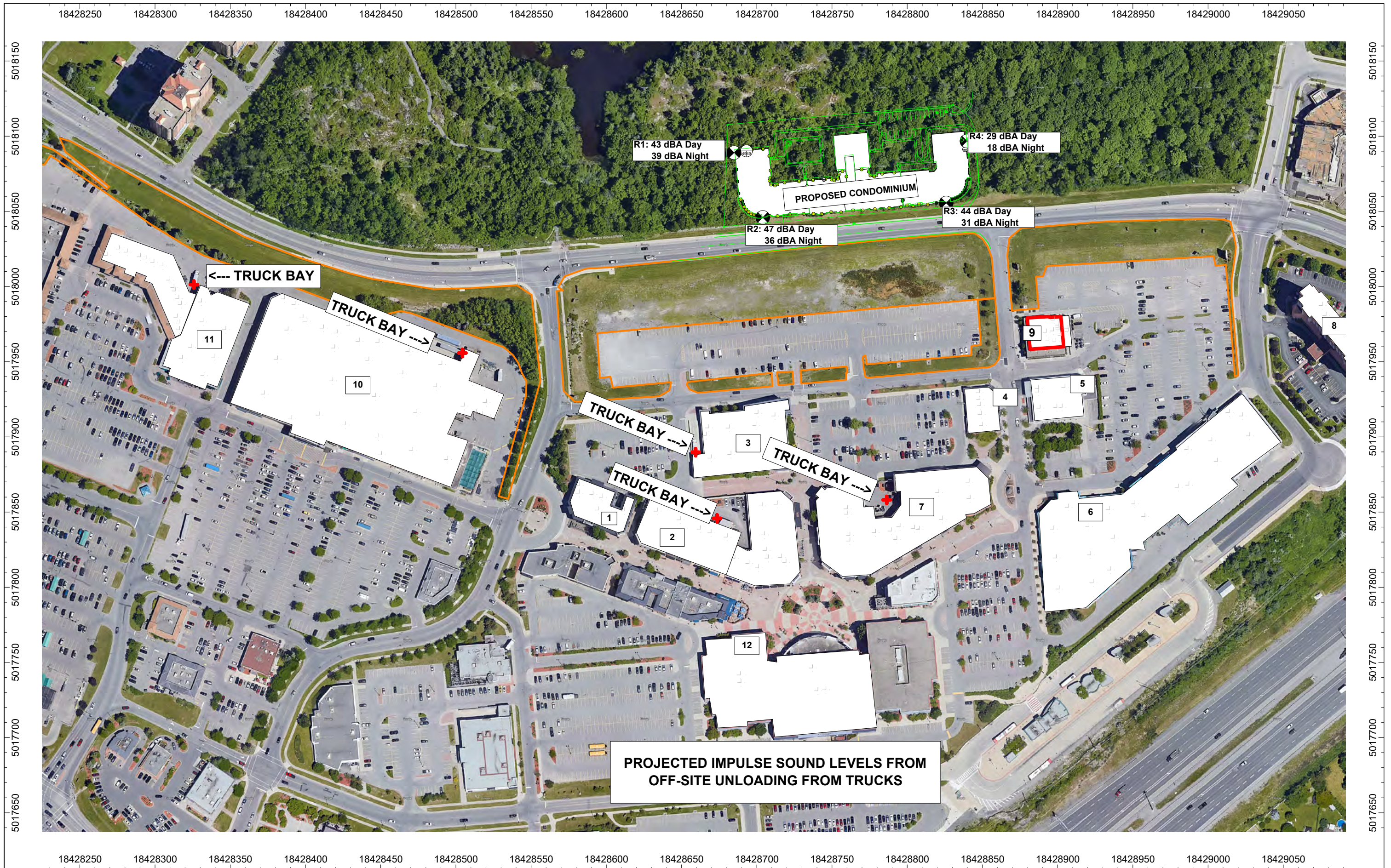
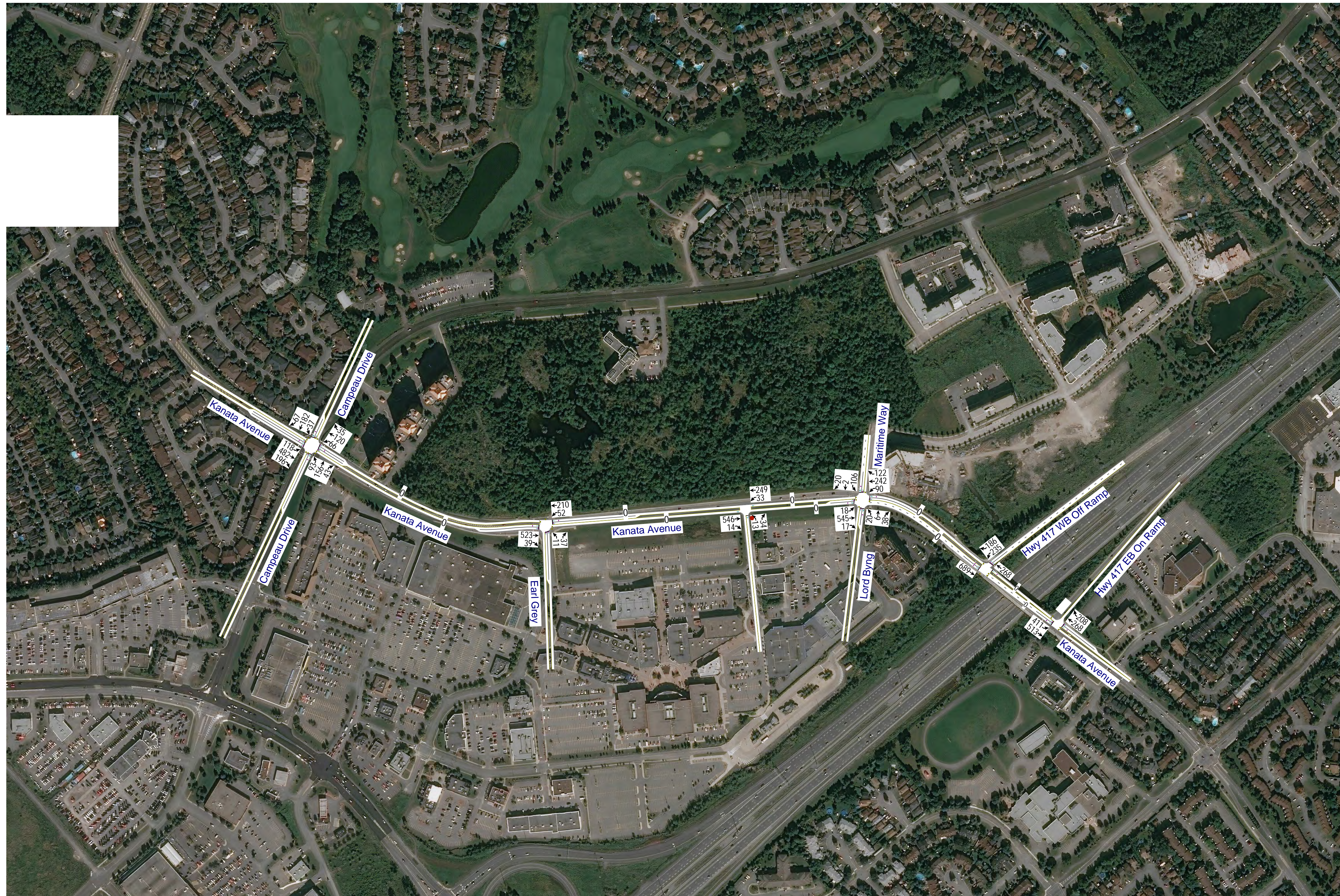
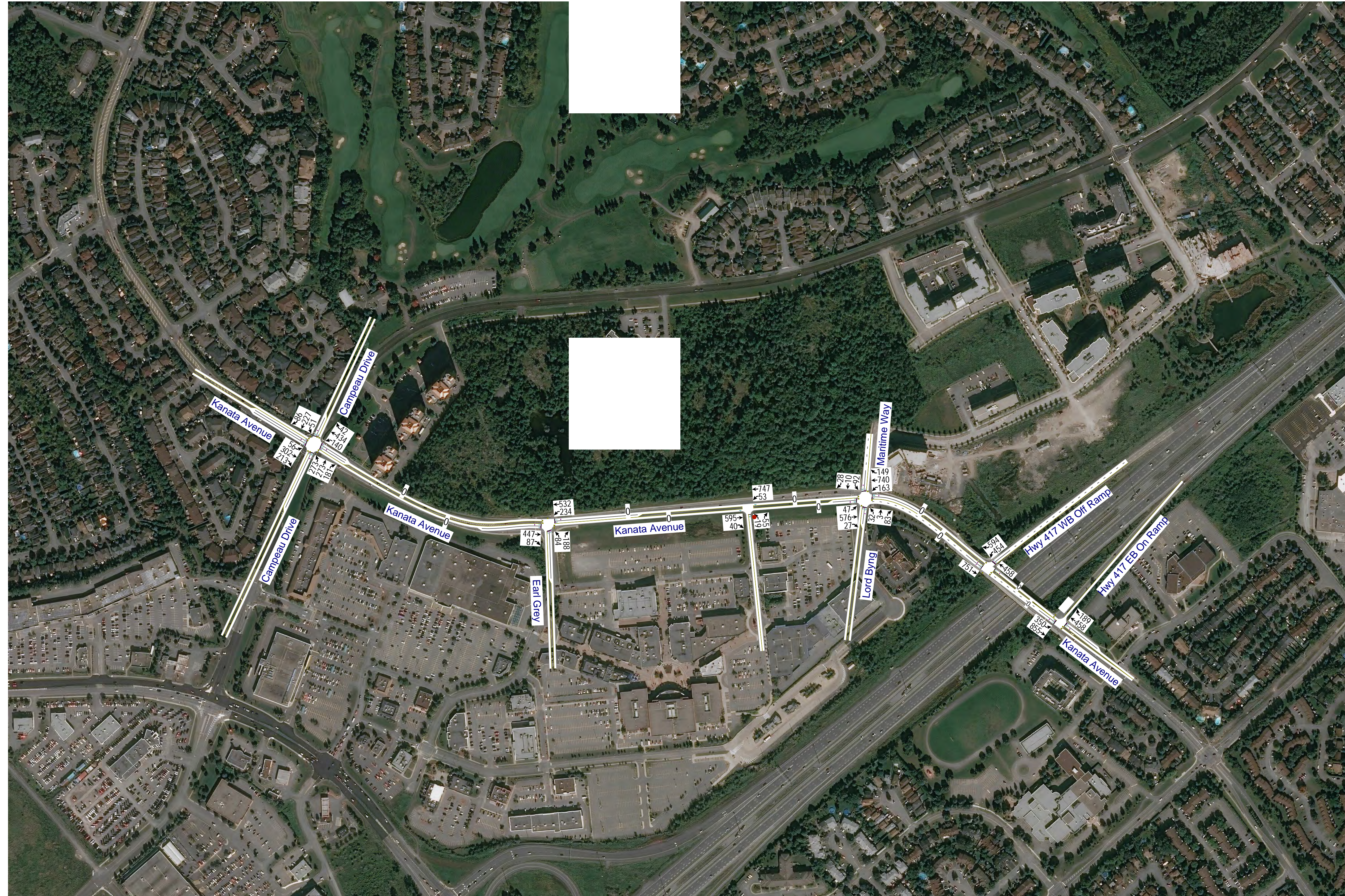


























FIGURE 7

APPENDIX B: SOUND LEVEL CALCULATIONS




























AM PEAK HOUR

| VOLUME SETTINGS |  |  |  |  |  |  |  |  |  |  |  |  |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|
| Lanes and Sharing (#PL) |  |  |  |  |  |  |  |  |  |  |  |  |
| 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 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

| 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 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 |

SUMMARY

Patry - Woods II - Kanata & Campeau - 2021 (exp to 2023)

TOTAL NORTH LEG

| | <u>Vehicles</u> | <u>Breakdown</u> |
|--------------|-----------------|------------------|
| Cars | 6,647 | 96.1% |
| Med. Trucks | 136 | 2.0% |
| Heavy Trucks | <u>136</u> | 2.0% |
| 24hr AADT | 6,919 | 100.0% |

TOTAL EAST LEG

| | <u>Vehicles</u> | <u>Breakdown</u> |
|--------------|-----------------|------------------|
| Cars | 9,803 | 97.5% |
| Med. Trucks | 126 | 1.3% |
| Heavy Trucks | <u>126</u> | 1.3% |
| 24hr AADT | 10,055 | 100.0% |

TOTAL WEST LEG

| | <u>Vehicles</u> | <u>Breakdown</u> |
|--------------|-----------------|------------------|
| Cars | 12,364 | 97.4% |
| Med. Trucks | 164 | 1.3% |
| Heavy Trucks | <u>164</u> | 1.3% |
| 24hr AADT | 12,693 | 100.0% |

TOTAL SOUTH LEG

| | <u>Vehicles</u> | <u>Breakdown</u> |
|--------------|-----------------|------------------|
| Cars | 10,385 | 97.7% |
| Med. Trucks | 121 | 1.1% |
| Heavy Trucks | <u>121</u> | 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

23-Jun-21
07:34 AM

| 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 |

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

| Hrly Adj | R1 - NW | Hrly Adj | R2 - SW | Hrly Adj | R3 - SE | Hrly Adj | R4 - NE |
|----------|--------------|----------|--------------|----------|--------------|----------|--------------|
| -7.64 | 48.59 | -7.64 | 56.59 | -7.64 | 57.59 | -7.64 | 52.59 |
| -10.13 | 46.10 | -10.13 | 54.10 | -10.13 | 55.10 | -10.13 | 50.10 |
| -11.47 | 44.76 | -11.47 | 52.76 | -11.47 | 53.76 | -11.47 | 48.76 |
| -12.26 | 43.97 | -12.26 | 51.97 | -12.26 | 52.97 | -12.26 | 47.97 |
| -11.47 | 44.76 | -11.47 | 52.76 | -11.47 | 53.76 | -11.47 | 48.76 |
| -7.26 | 48.97 | -7.26 | 56.97 | -7.26 | 57.97 | -7.26 | 52.97 |
| -2.64 | 53.59 | -2.64 | 61.59 | -2.64 | 65.23 | -2.64 | 57.59 |
| 0.00 | 56.23 | 0.00 | 64.23 | 0.00 | 65.23 | 0.00 | 60.23 |
| 1.13 | 57.36 | 1.13 | 65.36 | 1.13 | 66.36 | 1.13 | 61.36 |
| 0.46 | 56.69 | 0.46 | 64.69 | 0.46 | 65.69 | 0.46 | 60.69 |
| 0.37 | 56.60 | 0.37 | 64.60 | 0.37 | 65.60 | 0.37 | 60.60 |
| 0.78 | 57.01 | 0.78 | 65.01 | 0.78 | 66.01 | 0.78 | 61.01 |
| 1.08 | 57.31 | 1.08 | 65.31 | 1.08 | 66.31 | 1.08 | 61.31 |
| 0.93 | 57.16 | 0.93 | 65.16 | 0.93 | 66.16 | 0.93 | 61.16 |
| 1.16 | 57.39 | 1.16 | 65.39 | 1.16 | 66.39 | 1.16 | 61.39 |
| 1.67 | 57.90 | 1.67 | 65.90 | 1.67 | 66.90 | 1.67 | 61.90 |
| 1.90 | 58.13 | 1.90 | 66.13 | 1.90 | 67.13 | 1.90 | 62.13 |
| 1.80 | 58.03 | 1.80 | 66.03 | 1.80 | 67.03 | 1.80 | 62.03 |
| 0.94 | 57.17 | 0.94 | 65.17 | 0.94 | 66.17 | 0.94 | 61.17 |
| 0.06 | 56.29 | 0.06 | 64.29 | 0.06 | 65.29 | 0.06 | 60.29 |
| -0.92 | 55.31 | -0.92 | 63.31 | -0.92 | 64.31 | -0.92 | 59.31 |
| -1.71 | 54.52 | -1.71 | 62.52 | -1.71 | 63.52 | -1.71 | 58.52 |
| -3.21 | 53.02 | -3.21 | 61.02 | -3.21 | 62.02 | -3.21 | 57.02 |
| -4.81 | 51.42 | -4.81 | 59.42 | -4.81 | 60.42 | -4.81 | 55.42 |
| Day | 53 | Day | 61 | Day | 62 | Day | 57 |
| Night | 44 | Night | 52 | Night | 53 | Night | 48 |

Filename: ne.te Time Period: Day/Night 16/8 hours
Description: 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 30.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 422.00 / 422.00 m
Receiver height : 21.50 / 21.50 m
Topography : 3 (Elevated; no barrier)
Elevation : 21.50 m

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 : 61.00 / 61.00 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 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 : 266.00 / 266.00 m
Receiver height : 21.50 / 21.50 m
Topography : 1 (Flat/gentle slope; no barrier)

Results segment # 1: Hwy 417 (day)

Source height = 1.50 m

ROAD (0.00 + 68.15 + 0.00) = 68.15 dBA

| Angle1 | Angle2 | Alpha | RefLeq | P.Adj | D.Adj | F.Adj | W.Adj | H.Adj | B.Adj | SubLeq |
|--------|--------|-------|--------|-------|--------|-------|-------|-------|-------|--------|
| -90 | 30 | 0.00 | 84.41 | 0.00 | -14.49 | -1.76 | 0.00 | 0.00 | 0.00 | 68.15 |

Segment Leq : 68.15 dBA

Results segment # 2: Kanata Ave (day)

Source height = 1.50 m

ROAD (0.00 + 62.39 + 0.00) = 62.39 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 | -6.09 | -3.01 | 0.00 | 0.00 | 0.00 | 62.39 |

Segment Leq : 62.39 dBA

Results segment # 3: Campeau Dr. (day)

Source height = 1.50 m

ROAD (0.00 + 45.99 + 0.00) = 45.99 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 | -12.49 | 0.00 | -10.00 | 0.00 | 0.00 | 45.99 |

Segment Leq : 45.99 dBA

Total Leq All Segments: 69.19 dBA

Results segment # 1: Hwy 417 (night)

Source height = 1.50 m

ROAD (0.00 + 60.56 + 0.00) = 60.56 dBA

| Angle1 | Angle2 | Alpha | RefLeq | P.Adj | D.Adj | F.Adj | W.Adj | H.Adj | B.Adj | SubLeq |
|--------|--------|-------|--------|-------|--------|-------|-------|-------|-------|--------|
| -90 | 30 | 0.00 | 76.81 | 0.00 | -14.49 | -1.76 | 0.00 | 0.00 | 0.00 | 60.56 |

Segment Leq : 60.56 dBA

Results segment # 2: Kanata Ave (night)

Source height = 1.50 m

ROAD (0.00 + 54.79 + 0.00) = 54.79 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 | -6.09 | -3.01 | 0.00 | 0.00 | 0.00 | 54.79 |

Segment Leq : 54.79 dBA

Results segment # 3: Campeau Dr. (night)

Source height = 1.50 m

ROAD (0.00 + 38.40 + 0.00) = 38.40 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 | -12.49 | 0.00 | -10.00 | 0.00 | 0.00 | 38.40 |

Segment Leq : 38.40 dBA

Total Leq All Segments: 61.60 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 69.19
(NIGHT): 61.60

Filename: nw.te Time Period: Day/Night 16/8 hours
Description: 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 : 30.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 500.00 / 500.00 m
Receiver height : 21.50 / 21.50 m
Topography : 3 (Elevated; no barrier)
Elevation : 13.50 m

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 : 0.00 deg 90.00 deg
Wood depth : 1 (Wood depth 30 to less than 60 metres)
No of house rows : 0 / 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 61.00 / 61.00 m
Receiver height : 21.50 / 21.50 m
Topography : 3 (Elevated; no barrier)
Elevation : 13.50 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 : 266.00 / 266.00 m
Receiver height : 21.50 / 21.50 m
Topography : 3 (Elevated; no barrier)
Elevation : 0.00 m

Results segment # 1: Hwy 417 (day)

Source height = 1.50 m

ROAD (0.00 + 64.41 + 0.00) = 64.41 dBA

| Angle1 | Angle2 | Alpha | RefLeq | P.Adj | D.Adj | F.Adj | W.Adj | H.Adj | B.Adj | SubLeq |
|--------|--------|-------|--------|-------|--------|-------|-------|-------|-------|--------|
| 30 | 90 | 0.00 | 84.41 | 0.00 | -15.23 | -4.77 | 0.00 | 0.00 | 0.00 | 64.41 |

Segment Leq : 64.41 dBA

Results segment # 2: Kanata Ave (day)

Source height = 1.50 m

ROAD (0.00 + 57.39 + 0.00) = 57.39 dBA

| Angle1 | Angle2 | Alpha | RefLeq | P.Adj | D.Adj | F.Adj | W.Adj | H.Adj | B.Adj | SubLeq |
|--------|--------|-------|--------|-------|-------|-------|-------|-------|-------|--------|
| 0 | 90 | 0.00 | 71.49 | 0.00 | -6.09 | -3.01 | -5.00 | 0.00 | 0.00 | 57.39 |

Segment Leq : 57.39 dBA

Results segment # 3: Campeau Dr. (day)

Source height = 1.50 m

ROAD (0.00 + 45.99 + 0.00) = 45.99 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 | -12.49 | 0.00 | -10.00 | 0.00 | 0.00 | 45.99 |

Segment Leq : 45.99 dBA

Total Leq All Segments: 65.25 dBA

Results segment # 1: Hwy 417 (night)

Source height = 1.50 m

ROAD (0.00 + 56.81 + 0.00) = 56.81 dBA

| Angle1 | Angle2 | Alpha | RefLeq | P.Adj | D.Adj | F.Adj | W.Adj | H.Adj | B.Adj | SubLeq |
|--------|--------|-------|--------|-------|--------|-------|-------|-------|-------|--------|
| 30 | 90 | 0.00 | 76.81 | 0.00 | -15.23 | -4.77 | 0.00 | 0.00 | 0.00 | 56.81 |

Segment Leq : 56.81 dBA

Results segment # 2: Kanata Ave (night)

Source height = 1.50 m

ROAD (0.00 + 49.79 + 0.00) = 49.79 dBA

| Angle1 | Angle2 | Alpha | RefLeq | P.Adj | D.Adj | F.Adj | W.Adj | H.Adj | B.Adj | SubLeq |
|--------|--------|-------|--------|-------|-------|-------|-------|-------|-------|--------|
| 0 | 90 | 0.00 | 63.89 | 0.00 | -6.09 | -3.01 | -5.00 | 0.00 | 0.00 | 49.79 |

Segment Leq : 49.79 dBA

Results segment # 3: Campeau Dr. (night)

Source height = 1.50 m

ROAD (0.00 + 38.40 + 0.00) = 38.40 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 | -12.49 | 0.00 | -10.00 | 0.00 | 0.00 | 38.40 |

Segment Leq : 38.40 dBA

Total Leq All Segments: 57.65 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 65.25
(NIGHT): 57.65

Filename: se.te Time Period: Day/Night 16/8 hours
Description: R3 - SE 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 : 397.00 / 397.00 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 90.00 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 : 21.50 / 21.50 m
Topography : 1 (Flat/gentle slope; no barrier)

Results segment # 1: Hwy 417 (day)

Source height = 1.50 m

ROAD (0.00 + 70.18 + 0.00) = 70.18 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 | -14.23 | 0.00 | 0.00 | 0.00 | 0.00 | 70.18 |

Segment Leq : 70.18 dBA

Results segment # 2: Kanata Ave (day)

Source height = 1.50 m

ROAD (0.00 + 71.49 + 0.00) = 71.49 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 71.49 |

Segment Leq : 71.49 dBA

Total Leq All Segments: 73.89 dBA

Results segment # 1: Hwy 417 (night)

Source height = 1.50 m

ROAD (0.00 + 62.58 + 0.00) = 62.58 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 | -14.23 | 0.00 | 0.00 | 0.00 | 0.00 | 62.58 |

Segment Leq : 62.58 dBA

Results segment # 2: Kanata Ave (night)

Source height = 1.50 m

ROAD (0.00 + 63.89 + 0.00) = 63.89 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 63.89 |

Segment Leq : 63.89 dBA

Total Leq All Segments: 66.29 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 73.89
(NIGHT): 66.29

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 0.00 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 : 21.50 / 21.50 m
Topography : 3 (Elevated; no barrier)
Elevation : 0.00 m

Results segment # 1: Hwy 417 (day)

Source height = 1.50 m

ROAD (0.00 + 68.65 + 0.00) = 68.65 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 | -14.97 | -0.79 | 0.00 | 0.00 | 0.00 | 68.65 |

Segment Leq : 68.65 dBA

Results segment # 2: Kanata Ave (day)

Source height = 1.50 m

ROAD (0.00 + 71.49 + 0.00) = 71.49 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 71.49 |

Segment Leq : 71.49 dBA

Results segment # 3: Campeau Dr. (day)

Source height = 1.50 m

ROAD (0.00 + 42.30 + 0.00) = 42.30 dBA

| Angle1 | Angle2 | Alpha | RefLeq | P.Adj | D.Adj | F.Adj | W.Adj | H.Adj | B.Adj | SubLeq |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|-------|--------|
| -90 | 0 | 0.00 | 68.48 | 0.00 | -13.17 | -3.01 | -10.00 | 0.00 | 0.00 | 42.30 |

Segment Leq : 42.30 dBA

Total Leq All Segments: 73.31 dBA

Results segment # 1: Hwy 417 (night)

Source height = 1.50 m

ROAD (0.00 + 61.05 + 0.00) = 61.05 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 | -14.97 | -0.79 | 0.00 | 0.00 | 0.00 | 61.05 |

Segment Leq : 61.05 dBA

Results segment # 2: Kanata Ave (night)

Source height = 1.50 m

ROAD (0.00 + 63.89 + 0.00) = 63.89 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 63.89 |

Segment Leq : 63.89 dBA

Results segment # 3: Campeau Dr. (night)

Source height = 1.50 m

ROAD (0.00 + 34.71 + 0.00) = 34.71 dBA

| Angle1 | Angle2 | Alpha | RefLeq | P.Adj | D.Adj | F.Adj | W.Adj | H.Adj | B.Adj | SubLeq |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|-------|--------|
| -90 | 0 | 0.00 | 60.88 | 0.00 | -13.17 | -3.01 | -10.00 | 0.00 | 0.00 | 34.71 |

Segment Leq : 34.71 dBA

Total Leq All Segments: 65.71 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 73.31
(NIGHT): 65.71

Filename: pool.te Time Period: Day/Night 16/8 hours
Description: Grade Level OLA - Pool

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 : 500.00 / 500.00 m
Receiver height : 1.50 / 13.50 m
Topography : 2 (Flat/gentle slope; with barrier)
Barrier angle1 : -90.00 deg Angle2 : 90.00 deg
Barrier height : 13.50 m
Barrier receiver distance : 30.00 / 30.00 m
Source elevation : 0.00 m
Receiver elevation : 0.00 m
Barrier elevation : 0.00 m

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 : 61.00 / 61.00 m
Receiver height  :           1.50 / 13.50 m
Topography      :           2       (Flat/gentle slope; with barrier)
Barrier angle1   : -90.00 deg   Angle2 : 90.00 deg
Barrier height    :           13.50 m
Barrier receiver distance : 30.00 / 30.00 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 : 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 # 3: Campeau Dr. (day/night)

```

-----
Angle1   Angle2       : -60.00 deg   60.00 deg
Wood depth      :           2       (Wood depth 60 metres or more)
No of house rows :           0 / 0
Surface         :           1       (Absorptive ground surface)
Receiver source distance : 266.00 / 266.00 m
Receiver height  :           13.50 / 13.50 m
Topography      :           1       (Flat/gentle slope; no barrier)

```

Results segment # 1: Hwy 417 (day)

Source height = 1.50 m

Barrier height for grazing incidence

```

-----
Source      ! Receiver      ! Barrier      ! Elevation of
Height (m) ! Height (m) ! Height (m) ! Barrier Top (m)
-----+-----+-----+-----
1.50 !      1.50 !      1.50 !      1.50

```

ROAD (0.00 + 52.79 + 0.00) = 52.79 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 -15.23 0.00 0.00 0.00 -16.38 52.79
-----

```

Segment Leq : 52.79 dBA

Results segment # 2: Kanata Ave (day)

Source height = 1.50 m

Barrier height for grazing incidence

Source ! Receiver ! Barrier ! Elevation of
Height (m) ! Height (m) ! Height (m) ! Barrier Top (m)
-----+-----+-----+-----
1.50 ! 1.50 ! 1.50 ! 1.50

ROAD (0.00 + 47.69 + 0.00) = 47.69 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 | -6.09 | 0.00 | 0.00 | 0.00 | -17.71 | 47.69 |

Segment Leq : 47.69 dBA

Results segment # 3: Campeau Dr. (day)

Source height = 1.50 m

ROAD (0.00 + 47.24 + 0.00) = 47.24 dBA

| Angle1 | Angle2 | Alpha | RefLeq | P.Adj | D.Adj | F.Adj | W.Adj | H.Adj | B.Adj | SubLeq |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|-------|--------|
| -60 | 60 | 0.00 | 71.49 | 0.00 | -12.49 | -1.76 | -10.00 | 0.00 | 0.00 | 47.24 |

Segment Leq : 47.24 dBA

Total Leq All Segments: 54.80 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 54.80

Filename: terr7th.te Time Period: Day/Night 16/8 hours
Description: 7th Level OLA

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 : 464.00 / 500.00 m
Receiver height : 1.50 / 1.50 m
Topography : 2 (Flat/gentle slope; with barrier)
Barrier angle1 : -90.00 deg Angle2 : 90.00 deg
Barrier height : 0.60 m
Barrier receiver distance : 40.00 / 30.00 m
Source elevation : 0.00 m
Receiver elevation : 21.03 m
Barrier elevation : 21.03 m

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 : 55.00 / 61.00 m
Receiver height : 1.50 / 1.50 m
Topography : 2 (Flat/gentle slope; with barrier)
Barrier angle1 : -90.00 deg Angle2 : 90.00 deg
Barrier height : 0.60 m
Barrier receiver distance : 40.00 / 17.00 m
Source elevation : 0.00 m
Receiver elevation : 21.03 m
Barrier elevation : 21.03 m

Road data, segment # 3: Campeau Dr. (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 # 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 : 277.00 / 277.00 m
Receiver height : 1.50 / 1.50 m
Topography : 2 (Flat/gentle slope; with barrier)
Barrier angle1 : -90.00 deg Angle2 : 90.00 deg
Barrier height : 0.60 m
Barrier receiver distance : 11.00 / 11.00 m
Source elevation : 0.00 m
Receiver elevation : 21.03 m
Barrier elevation : 21.03 m

Results segment # 1: Hwy 417 (day)

Source height = 1.50 m

Barrier height for grazing incidence

Source ! Receiver ! Barrier ! Elevation of
Height (m) ! Height (m) ! Height (m) ! Barrier Top (m)
-----+-----+-----+-----
 1.50 ! 1.50 ! -0.31 ! 20.72

ROAD (0.00 + 64.14 + 0.00) = 64.14 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 -14.90 0.00 0.00 0.00 0.00 -5.37 64.14

Segment Leq : 64.14 dBA

Results segment # 2: Kanata Ave (day)

Source height = 1.50 m

Barrier height for grazing incidence

Source ! Receiver ! Barrier ! Elevation of
Height (m) ! Height (m) ! Height (m) ! Barrier Top (m)
-----+-----+-----+-----
 1.50 ! 1.50 ! -13.80 ! 7.23

ROAD (0.00 + 47.63 + 0.00) = 47.63 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 -5.64 0.00 0.00 0.00 0.00 -18.22 47.63

Segment Leq : 47.63 dBA

Results segment # 3: Campeau Dr. (day)

Source height = 1.50 m

Barrier height for grazing incidence

```

-----
Source      ! Receiver      ! Barrier      ! Elevation of
Height (m) ! Height (m) ! Height (m) ! Barrier Top (m)
-----+-----+-----+-----
          1.50 !          1.50 !          0.66 !          21.69
  
```

ROAD (0.00 + 43.37 + 0.00) = 43.37 dBA

```

-----
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----
   -90    90   0.36  71.49   0.00 -17.22  -0.90 -10.00   0.00   0.00  43.37
   -90    90   0.62  71.49   0.00 -20.57  -1.40   0.00   0.00  -4.99  44.53*
   -90    90   0.66  71.49   0.00 -21.02  -1.46   0.00   0.00   0.00  49.01
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----
  
```

* Bright Zone !

Segment Leq : 43.37 dBA

Total Leq All Segments: 64.27 dBA

Double Barrier effect: -5.00

TOTAL Leq FROM ALL SOURCES (DAY): 59.27

OFF-SITE STATIONARY SOURCES - CADNAA OUTPUT

Receiver
 Name: R1 - NW
 ID: R1
 X: 18428684.93 m
 Y: 5018088.99 m
 Z: 4.00 m

| 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) |
| 9 | 18428689.10 | 5017741.69 | 13.28 | 0 | D | A | 93.8 | 0.0 | 0.0 | 0.0 | -1.7 | 61.8 | 1.2 | -1.7 | 0.0 | 0.0 | 18.0 | 0.0 | 0.0 | 12.8 |

| 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) |
| 13 | 18428689.53 | 5017736.56 | 13.28 | 0 | D | A | 93.8 | 0.0 | 0.0 | 0.0 | -1.7 | 61.9 | 1.2 | -1.7 | 0.0 | 0.0 | 17.8 | 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) |
| 17 | 18428699.54 | 5017907.54 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.3 | 0.4 | -1.8 | 0.0 | 0.0 | 4.8 | 0.0 | 0.0 | 25.4 |

| 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) |
| 21 | 18428681.78 | 5017905.82 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.3 | 0.4 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30.2 |
| 23 | 18428681.78 | 5017905.82 | 24.50 | 1 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.7 | 0.6 | -2.0 | 0.0 | 0.0 | 4.8 | 0.0 | 1.0 | 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) |
| 27 | 18428702.65 | 5017890.37 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.0 | 0.4 | -1.9 | 0.0 | 0.0 | 5.2 | 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) |
| 30 | 18428682.91 | 5017888.38 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.1 | 0.4 | -1.9 | 0.0 | 0.0 | 5.0 | 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) |
| 33 | 18428633.96 | 5017850.56 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.8 | 0.5 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.7 |

| 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) |
| 36 | 18428597.68 | 5017859.88 | 7.50 | 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 | 27.6 |

| 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) |
| 40 | 18428649.23 | 5017844.82 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.9 | 0.5 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.6 |

| 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) |
| 46 | 18428487.28 | 5017933.30 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.0 | 0.5 | -2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.9 |

| 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) |
| 48 | 18428594.74 | 5017851.35 | 7.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.1 | 0.5 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.2 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428705.31 | 5017834.86 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.2 | 0.5 | -1.9 | 0.0 | 0.0 | 7.0 | 0.0 | 0.0 | 20.3 |
| 53 | 18428705.31 | 5017834.86 | 24.50 | 2 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.2 | 0.6 | -2.0 | 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 | Ahours | 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 | 18428680.43 | 5017833.35 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.2 | 0.5 | -1.9 | 0.0 | 0.0 | 6.7 | 0.0 | 0.0 | 20.5 |

| 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 | Ahours | 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 | 18428464.74 | 5017941.84 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.5 | 0.5 | -2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.5 |

| 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 | Ahours | 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 | 18428474.08 | 5017916.23 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.7 | 0.5 | -2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.1 |

| 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 | Ahours | 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 | 18428442.21 | 5017950.92 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.9 | 0.5 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.0 |

| 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 | Ahours | 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 | 18428446.65 | 5017926.79 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.2 | 0.6 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.7 |

| 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 | Ahours | 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 | 18428471.35 | 5017890.96 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.3 | 0.6 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.4 |

| 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 | Ahours | 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 | 18428419.44 | 5017959.12 | 9.50 | 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: "COMM10" | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------------|------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | 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 | 18428448.70 | 5017899.84 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.6 | 0.6 | -2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.2 |

| 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 | Ahours | 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 | 18428418.19 | 5017937.27 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.7 | 0.6 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.1 |

| 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 | Ahours | 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 | 18428426.61 | 5017907.92 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.0 | 0.6 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.9 |

| 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 | Ahours | 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 | 18428388.47 | 5017971.04 | 9.00 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.1 | 0.6 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.8 |

| 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 | Ahours | 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 | 18428409.20 | 5017914.50 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.3 | 0.6 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.5 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 150 | 18428381.42 | 5017951.61 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.5 | 0.6 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.4 |

| 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 | Ahours | 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 | 18428582.19 | 5017867.77 | 7.50 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | 0.0 | 58.7 | 0.5 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.7 |

| 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 | Ahours | 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 | 18428700.89 | 5017915.62 | 24.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 55.9 | 0.3 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.6 |

| 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 | Ahours | 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 | 18428372.77 | 5017928.50 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.9 | 0.7 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.9 |

| 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 | Ahours | 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 | 18428581.98 | 5017862.54 | 7.50 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | 0.0 | 58.9 | 0.5 | -1.9 | 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 | Ahours | 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 | 18428712.09 | 5017913.91 | 24.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.0 | 0.3 | -1.8 | 0.0 | 0.0 | 6.0 | 0.0 | 0.0 | 18.4 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 202 | 18428347.08 | 5017971.30 | 8.00 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.1 | 0.7 | -2.5 | 0.0 | 0.0 | 4.8 | 0.0 | 0.0 | 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 | Ahours | 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 | 18428528.25 | 5017929.79 | 1.50 | 0 | D | 500 | 85.4 | 0.0 | 0.0 | 0.0 | 0.0 | 58.0 | 0.4 | -0.1 | 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 | Ahours | 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 | 18428668.05 | 5017905.95 | 24.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.3 | 0.4 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.1 |
| 209 | 18428668.05 | 5017905.95 | 24.30 | 1 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.5 | 0.6 | -2.0 | 0.0 | 0.0 | 4.8 | 0.0 | 1.0 | 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 | Ahours | 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 | 18428331.95 | 5017976.53 | 8.00 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.4 | 0.7 | -2.6 | 0.0 | 0.0 | 4.8 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 226 | 18428519.11 | 5017933.44 | 1.50 | 0 | D | 500 | 85.4 | 0.0 | 0.0 | 0.0 | 0.0 | 58.1 | 0.4 | -0.2 | 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 | Ahours | 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 | 18428666.47 | 5017900.99 | 24.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.6 | 0.4 | -1.8 | 0.0 | 0.0 | 4.8 | 0.0 | 0.0 | 19.1 |
| 232 | 18428666.47 | 5017900.99 | 24.30 | 1 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.3 | 0.6 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 19.1 |

| 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 | Ahours | 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 | 18428511.17 | 5017936.62 | 1.50 | 0 | D | 500 | 85.4 | 0.0 | 0.0 | 0.0 | 0.0 | 58.3 | 0.4 | -0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.4 |
| 268 | 18428511.17 | 5017936.62 | 1.50 | 1 | D | 500 | 85.4 | 0.0 | 0.0 | 0.0 | 0.0 | 58.4 | 0.5 | -1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 26.7 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428523.30 | 5017912.73 | 1.50 | 0 | D | 500 | 85.4 | 0.0 | 0.0 | 0.0 | 0.0 | 58.6 | 0.5 | -1.2 | 0.0 | 0.0 | 15.7 | 0.0 | 0.0 | 11.9 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 285 | 18428669.77 | 5017885.85 | 24.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.2 | 0.4 | -1.9 | 0.0 | 0.0 | 5.2 | 0.0 | 0.0 | 18.1 |
| 287 | 18428669.77 | 5017885.85 | 24.30 | 1 | 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 | 1.0 | 19.4 |

| 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 | Ahours | 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 | 18428520.21 | 5017922.90 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.4 | 0.5 | -2.1 | 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 | Ahours | 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 | 18428703.59 | 5017854.07 | 24.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.5 | 0.5 | -1.9 | 0.0 | 0.0 | 6.6 | 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 | Ahours | 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 | 18428490.70 | 5017948.19 | 9.50 | 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 | 22.4 |

| 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 | Ahours | 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 | 18428591.15 | 5017861.68 | 7.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.8 | 0.5 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.5 |

| 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 | Ahours | 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 | 18428505.53 | 5017920.40 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.8 | 0.5 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.9 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 392 | 18428662.50 | 5017838.66 | 24.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.0 | 0.5 | -1.9 | 0.0 | 0.0 | 6.4 | 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 | Ahours | 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 | 18428468.84 | 5017956.84 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.1 | 0.5 | -2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 398 | 18428669.67 | 5017836.15 | 24.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.1 | 0.5 | -1.9 | 0.0 | 0.0 | 6.6 | 0.0 | 0.0 | 14.8 |

| 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 | Ahours | 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 | 18428706.38 | 5017824.46 | 24.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.5 | 0.5 | -1.9 | 0.0 | 0.0 | 7.1 | 0.0 | 0.0 | 13.8 |
| 463 | 18428706.38 | 5017824.46 | 24.50 | 2 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.4 | 0.6 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 16.9 |

| 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 | Ahours | 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 | 18428448.92 | 5017962.88 | 9.50 | 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: "COMM2" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 497 | 18428685.52 | 5017819.15 | 24.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.6 | 0.5 | -1.9 | 0.0 | 0.0 | 7.0 | 0.0 | 0.0 | 13.8 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | 18428707.75 | 5017819.37 | 24.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.7 | 0.5 | -2.0 | 0.0 | 0.0 | 7.2 | 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) |
| 514 | 18428716.57 | 5017819.80 | 24.50 | 2 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.7 | 0.7 | -2.0 | 0.0 | 0.0 | 4.8 | 0.0 | 2.0 | 11.9 |

| 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) |
| 558 | 18428694.91 | 5017815.86 | 24.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.8 | 0.5 | -1.9 | 0.0 | 0.0 | 7.0 | 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) |
| 569 | 18428719.43 | 5017816.50 | 24.50 | 2 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.8 | 0.7 | -2.0 | 0.0 | 0.0 | 4.8 | 0.0 | 2.0 | 11.8 |

| 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) |
| 575 | 18428435.83 | 5017963.44 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.9 | 0.5 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.1 |

| 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) |
| 581 | 18428494.60 | 5017884.88 | 9.50 | 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: "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) |
| 585 | 18428429.46 | 5017974.03 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.9 | 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) |
| 593 | 18428421.15 | 5017969.02 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.2 | 0.6 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.7 |

| 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) |
| 594 | 18428412.04 | 5017972.32 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.5 | 0.6 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.5 |

| 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) |
| 596 | 18428401.12 | 5017976.88 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.7 | 0.6 | -2.5 | 0.0 | 0.0 | 0.0 | 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) |
| 598 | 18428398.38 | 5017979.15 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.7 | 0.6 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.2 |

| 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) |
| 605 | 18428450.57 | 5017888.05 | 9.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.8 | 0.6 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.9 |

| 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) |
| 606 | 18428393.15 | 5017987.92 | 9.50 | 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 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 610 | 18428612.09 | 5017850.63 | 7.50 | 0 | D | 500 | 80.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.9 | 0.5 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.4 |

| 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 | Ahours | 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 | 18428386.01 | 5017991.81 | 9.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.9 | 0.6 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.0 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 620 | 18428390.94 | 5017911.93 | 9.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.7 | 0.7 | -2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.1 |

| 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 | Ahours | 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 | 18428701.29 | 5017812.92 | 24.50 | 0 | D | 500 | 80.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.9 | 0.5 | -1.9 | 0.0 | 0.0 | 7.2 | 0.0 | 0.0 | 11.3 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 631 | 18428331.03 | 5017989.74 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.3 | 0.7 | -2.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.5 |

| 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 | Ahours | 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 | 18428339.80 | 5017952.97 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.4 | 0.7 | -2.6 | 0.0 | 0.0 | 4.8 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 636 | 18428317.60 | 5017988.03 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.6 | 0.7 | -2.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.3 |

| 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 | Ahours | 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 | 18428315.90 | 5017992.01 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.6 | 0.7 | -2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.3 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 638 | 18428332.63 | 5017940.79 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.6 | 0.7 | -2.6 | 0.0 | 0.0 | 4.8 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 639 | 18428313.51 | 5017997.02 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.7 | 0.7 | -2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.3 |

| 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 | Ahours | 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 | 18428312.60 | 5017999.30 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.7 | 0.7 | -2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.3 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 641 | 18428324.43 | 5017959.46 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.7 | 0.7 | -2.6 | 0.0 | 0.0 | 4.8 | 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 | Ahours | 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 | 18428309.86 | 5018004.31 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.7 | 0.7 | -2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.2 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | 18428316.58 | 5017975.74 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.7 | 0.7 | -2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.2 |

| 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) |
| 644 | 18428314.76 | 5017979.49 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.7 | 0.7 | -2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.2 |

| 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) |
| 645 | 18428316.33 | 5017971.26 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.8 | 0.7 | -2.8 | 0.0 | 0.0 | 2.5 | 0.0 | 0.0 | 15.8 |

| 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) |
| 646 | 18428305.31 | 5018013.64 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.8 | 0.7 | -2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.2 |

| 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) |
| 647 | 18428318.17 | 5017952.06 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.9 | 0.8 | -2.7 | 0.0 | 0.0 | 4.8 | 0.0 | 0.0 | 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) |
| 648 | 18428299.28 | 5018015.92 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.9 | 0.8 | -2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.1 |

| 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) |
| 649 | 18428294.16 | 5018018.31 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.0 | 0.8 | -2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.0 |

| 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 | 18428290.29 | 5018019.79 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.1 | 0.8 | -2.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.9 |

| 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) |
| 651 | 18428281.64 | 5018022.86 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.2 | 0.8 | -2.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.8 |

| 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) |
| 652 | 18428276.29 | 5018024.91 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.3 | 0.8 | -2.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.7 |

| 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) |
| 653 | 18428268.20 | 5018020.70 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.5 | 0.8 | -2.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.6 |

Receiver
 Name: R2 - SW
 ID: R2
 X: 18428704.02 m
 Y: 5018045.96 m
 Z: 21.50 m

| Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12" | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|-------|------|------|------|-------|
| 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) |
| 7 | 18428737.08 | 5017746.25 | 13.28 | 0 | D | A | 96.0 | 0.0 | 0.0 | 0.0 | -1.8 | 60.6 | 1.1 | -2.2 | 0.0 | 0.0 | 5.6 | 0.0 | 0.0 | 29.1 |

| Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12" | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|-------|------|------|------|-------|
| 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) |
| 11 | 18428746.01 | 5017731.83 | 13.28 | 0 | DEN | A | 95.0 | 0.0 | 0.0 | 0.0 | -2.0 | 61.0 | 1.1 | -2.3 | 0.0 | 0.0 | 2.5 | 0.0 | 0.0 | 30.6 |

| Point Source, ISO 9613, Name: "HVAC", ID: "COMM3" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|-------|------|------|------|-------|
| 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) |
| 14 | 18428699.54 | 5017907.54 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 53.8 | 0.3 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 32.6 |

| Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12" | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|-------|------|------|------|-------|
| 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) |
| 18 | 18428740.63 | 5017731.08 | 13.28 | 0 | D | A | 95.0 | 0.0 | 0.0 | 0.0 | -1.8 | 61.0 | 1.1 | -2.3 | 0.0 | 0.0 | 4.8 | 0.0 | 0.0 | 28.5 |

| Point Source, ISO 9613, Name: "HVAC", ID: "COMM3" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|-------|------|------|------|-------|
| 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) |
| 22 | 18428681.78 | 5017905.82 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 54.0 | 0.3 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 32.3 |

| Point Source, ISO 9613, Name: "HVAC", ID: "COMM3" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|-------|------|------|------|-------|
| 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) |
| 24 | 18428702.65 | 5017890.37 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 54.8 | 0.3 | -1.8 | 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 | 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) |
| 29 | 18428689.10 | 5017741.69 | 13.28 | 0 | D | A | 93.8 | 0.0 | 0.0 | 0.0 | -1.7 | 60.7 | 1.1 | -2.2 | 0.0 | 0.0 | 13.8 | 0.0 | 0.0 | 18.8 |

| Point Source, ISO 9613, Name: "HVAC - 6 Fan condenser", ID: "COMM12" | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|-------|------|------|------|-------|
| 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) |
| 35 | 18428689.53 | 5017736.56 | 13.28 | 0 | D | A | 93.8 | 0.0 | 0.0 | 0.0 | -1.7 | 60.8 | 1.1 | -2.2 | 0.0 | 0.0 | 13.3 | 0.0 | 0.0 | 19.2 |

| Point Source, ISO 9613, Name: "HVAC", ID: "COMM3" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|-------|------|------|------|-------|
| 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) |
| 39 | 18428682.91 | 5017888.38 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 55.0 | 0.3 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 31.4 |

| Point Source, ISO 9613, Name: "HVAC", ID: "COMM2" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|-------|------|------|------|-------|
| 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) |
| 43 | 18428633.96 | 5017850.56 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.3 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 29.2 |

| Point Source, ISO 9613, Name: "HVAC", ID: "COMM2" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|-------|------|------|------|-------|
| 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) |
| 45 | 18428649.23 | 5017844.82 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.4 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 29.2 |

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| 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 | Ahours | 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 | 18428705.31 | 5017834.86 | 24.50 | 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: "COMM2" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | 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 | 18428680.43 | 5017833.35 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.6 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 29.0 |

| 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 | Ahours | 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 | 18428597.68 | 5017859.88 | 7.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.6 | 0.4 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.8 |

| 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 | Ahours | 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 | 18428821.02 | 5017862.97 | 7.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.8 | 0.4 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.9 |

| 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 | Ahours | 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 | 18428594.74 | 5017851.35 | 7.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.0 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.5 |

| 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 | Ahours | 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 | 18428892.54 | 5017969.58 | 7.00 | 0 | D | 500 | 87.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.2 | 0.4 | -1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.7 |

| 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 | Ahours | 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 | 18428805.03 | 5017838.98 | 7.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.3 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.3 |

| 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 | Ahours | 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 | 18428841.91 | 5017858.93 | 7.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.3 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.2 |

| 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 | Ahours | 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 | 18428894.25 | 5017964.34 | 7.00 | 0 | D | 500 | 87.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.3 | 0.4 | -1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.6 |

| 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 | Ahours | 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 | 18428897.28 | 5017970.44 | 7.00 | 0 | D | 500 | 87.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.4 | 0.4 | -1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.5 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 85 | 18428487.28 | 5017933.30 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.8 | 0.5 | -1.5 | 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 | Ahours | 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 | 18428700.89 | 5017915.62 | 24.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 53.3 | 0.3 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.1 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 90 | 18428464.74 | 5017941.84 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.3 | 0.5 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.7 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428712.09 | 5017913.91 | 24.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 53.4 | 0.3 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.0 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 94 | 18428474.08 | 5017916.23 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.4 | 0.5 | -1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.6 |

| 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 | Ahours | 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 | 18428442.21 | 5017950.92 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.9 | 0.5 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.2 |

| 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 | Ahours | 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 | 18428471.35 | 5017890.96 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.9 | 0.5 | -1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.0 |

| 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 | Ahours | 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 | 18428446.65 | 5017926.79 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.1 | 0.5 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.0 |

| 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 | Ahours | 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 | 18428668.05 | 5017905.95 | 24.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 54.2 | 0.3 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.2 |

| 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 | Ahours | 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 | 18428897.74 | 5017977.65 | 7.00 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.3 | 0.4 | -1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.4 |

| 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 | Ahours | 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 | 18428448.70 | 5017899.84 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.4 | 0.6 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.7 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 110 | 18428419.44 | 5017959.12 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.5 | 0.6 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.8 |

| 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 | Ahours | 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 | 18428666.47 | 5017900.99 | 24.30 | 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-Milestones - MUA", ID: "COMM9" | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------------|------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | 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 | 18428898.84 | 5017963.19 | 7.00 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.5 | 0.4 | -1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.4 |

| 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 | Ahours | 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 | 18428902.51 | 5017967.43 | 7.00 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.6 | 0.4 | -1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.3 |

| 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 | Ahours | 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 | 18428582.19 | 5017867.77 | 7.50 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.7 | 0.4 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.8 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428906.84 | 5017971.92 | 7.00 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.7 | 0.4 | -1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.2 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 135 | 18428418.19 | 5017937.27 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.7 | 0.6 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.4 |

| 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 | Ahours | 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 | 18428907.15 | 5017970.27 | 7.00 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.7 | 0.4 | -1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.1 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 138 | 18428426.61 | 5017907.92 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.8 | 0.6 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.3 |

| 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 | Ahours | 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 | 18428581.98 | 5017862.54 | 7.50 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.9 | 0.4 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.6 |

| 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 | Ahours | 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 | 18428717.47 | 5017884.86 | 24.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 55.2 | 0.3 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.4 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 151 | 18428409.20 | 5017914.50 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.2 | 0.6 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.8 |

| 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 | Ahours | 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 | 18428388.47 | 5017971.04 | 9.00 | 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: "COMM3" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 159 | 18428669.77 | 5017885.85 | 24.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 55.3 | 0.3 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.2 |

| 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 | Ahours | 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 | 18429002.54 | 5017897.34 | 7.30 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.5 | 0.6 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.0 |

| 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 | Ahours | 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 | 18428381.42 | 5017951.61 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.5 | 0.6 | -2.1 | 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 | Ahours | 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 | 18429006.30 | 5017883.63 | 7.30 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.7 | 0.7 | -2.2 | 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 | Ahours | 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 | 18429022.86 | 5017913.85 | 7.30 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.8 | 0.7 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.7 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428528.25 | 5017929.79 | 1.50 | 0 | D | 500 | 85.4 | 0.0 | 0.0 | 0.0 | 0.0 | 57.5 | 0.4 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.4 |

| 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 | Ahours | 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 | 18428372.77 | 5017928.50 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.9 | 0.7 | -1.8 | 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 | Ahours | 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 | 18429027.70 | 5017900.64 | 7.30 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.0 | 0.7 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.5 |

| 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 | Ahours | 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 | 18428519.11 | 5017933.44 | 1.50 | 0 | D | 500 | 85.4 | 0.0 | 0.0 | 0.0 | 0.0 | 57.7 | 0.4 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.9 |
| 183 | 18428519.11 | 5017933.44 | 1.50 | 1 | D | 500 | 85.4 | 0.0 | 0.0 | 0.0 | 0.0 | 58.3 | 0.4 | -1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 26.7 |

| 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 | Ahours | 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 | 18428347.08 | 5017971.30 | 8.00 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.2 | 0.7 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.2 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 187 | 18428511.17 | 5017936.62 | 1.50 | 0 | D | 500 | 85.4 | 0.0 | 0.0 | 0.0 | 0.0 | 58.0 | 0.4 | -0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.1 |
| 201 | 18428511.17 | 5017936.62 | 1.50 | 1 | D | 500 | 85.4 | 0.0 | 0.0 | 0.0 | 0.0 | 58.1 | 0.4 | -0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 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 | Ahours | 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 | 18428848.06 | 5017929.37 | 6.80 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.4 | 0.4 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.9 |

| 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 | Ahours | 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 | 18428523.30 | 5017912.73 | 1.50 | 0 | D | 500 | 85.4 | 0.0 | 0.0 | 0.0 | 0.0 | 58.1 | 0.4 | -0.2 | 0.0 | 0.0 | 13.8 | 0.0 | 0.0 | 13.4 |
| 216 | 18428523.30 | 5017912.73 | 1.50 | 2 | D | 500 | 85.4 | 0.0 | 0.0 | 0.0 | 0.0 | 60.1 | 0.6 | -1.6 | 0.0 | 0.0 | 4.9 | 0.0 | 2.0 | 19.5 |

| 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 | Ahours | 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 | 18428848.36 | 5017924.98 | 6.80 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.5 | 0.4 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.8 |

| 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 | Ahours | 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 | 18428517.80 | 5017914.70 | 1.50 | 0 | D | 500 | 85.4 | 0.0 | 0.0 | 0.0 | 0.0 | 58.2 | 0.4 | -0.5 | 0.0 | 0.0 | 17.1 | 0.0 | 0.0 | 10.2 |
| 225 | 18428517.80 | 5017914.70 | 1.50 | 2 | D | 500 | 85.4 | 0.0 | 0.0 | 0.0 | 0.0 | 60.0 | 0.5 | -1.6 | 0.0 | 0.0 | 4.9 | 0.0 | 2.0 | 19.6 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 227 | 18428331.95 | 5017976.53 | 8.00 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.6 | 0.7 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.9 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 233 | 18428513.56 | 5017916.22 | 1.50 | 2 | D | 500 | 85.4 | 0.0 | 0.0 | 0.0 | 0.0 | 59.9 | 0.5 | -1.6 | 0.0 | 0.0 | 5.9 | 0.0 | 2.0 | 18.7 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428713.70 | 5017855.15 | 24.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.6 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.0 |

| 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 | Ahours | 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 | 18428703.59 | 5017854.07 | 24.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.7 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.9 |

| 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 | Ahours | 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 | 18428848.85 | 5017920.82 | 6.80 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.7 | 0.4 | -1.7 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 247 | 18428849.44 | 5017914.86 | 6.80 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.9 | 0.4 | -1.7 | 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 | Ahours | 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 | 18428850.16 | 5017907.54 | 6.80 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.1 | 0.4 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.3 |

| 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 | Ahours | 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 | 18428760.28 | 5017852.11 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.1 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.5 |
| 260 | 18428760.28 | 5017852.11 | 7.50 | 1 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.8 | 0.7 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 17.0 |

| 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 | Ahours | 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 | 18428760.49 | 5017848.59 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.3 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.3 |
| 263 | 18428760.49 | 5017848.59 | 7.50 | 1 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.7 | 0.7 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 267 | 18428662.50 | 5017838.66 | 24.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.5 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 271 | 18428669.67 | 5017836.15 | 24.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.6 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.0 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 279 | 18428934.56 | 5017851.58 | 7.50 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.6 | 0.6 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.0 |

| 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 | Ahours | 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 | 18428887.23 | 5017932.10 | 8.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.7 | 0.4 | -1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.4 |

| 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 | Ahours | 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 | 18428591.15 | 5017861.68 | 7.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.7 | 0.4 | -1.9 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 295 | 18428887.32 | 5017929.83 | 8.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.7 | 0.4 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.4 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428761.92 | 5017834.39 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.8 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.8 |
| 303 | 18428761.92 | 5017834.39 | 7.50 | 1 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.4 | 0.7 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 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 | Ahours | 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 | 18428951.37 | 5017855.48 | 7.50 | 0 | D | 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: "COMM10" | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------------|------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | 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 | 18428520.21 | 5017922.90 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.9 | 0.4 | -1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | Ahours | 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 | 18428706.38 | 5017824.46 | 24.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.9 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.7 |

| 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 | Ahours | 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 | 18428778.92 | 5017836.33 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.0 | 0.4 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.7 |

| 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 | Ahours | 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 | 18428761.92 | 5017830.74 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.0 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.6 |
| 323 | 18428761.92 | 5017830.74 | 7.50 | 1 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.3 | 0.7 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 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 | Ahours | 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 | 18428841.16 | 5017869.82 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.0 | 0.4 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.5 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 330 | 18428888.39 | 5017919.08 | 7.80 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.0 | 0.4 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.3 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 338 | 18428937.81 | 5017832.61 | 7.50 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.0 | 0.6 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.7 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 340 | 18428795.27 | 5017840.20 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.1 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.5 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 344 | 18428789.53 | 5017837.33 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.1 | 0.4 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.5 |

| 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 | Ahours | 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 | 18428716.57 | 5017819.80 | 24.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.1 | 0.4 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.6 |

| 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 | Ahours | 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 | 18428707.75 | 5017819.37 | 24.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.1 | 0.4 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.5 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 357 | 18428685.52 | 5017819.15 | 24.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.1 | 0.4 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | Ahours | 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 | 18428958.04 | 5017847.06 | 7.50 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.2 | 0.6 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.5 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 366 | 18428719.43 | 5017816.50 | 24.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.2 | 0.4 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.5 |

| 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 | Ahours | 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 | 18428694.91 | 5017815.86 | 24.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.2 | 0.4 | -2.1 | 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 | Ahours | 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 | 18428904.88 | 5017932.82 | 7.80 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.3 | 0.4 | -1.6 | 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 | Ahours | 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 | 18428793.12 | 5017831.81 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.3 | 0.4 | -2.1 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 385 | 18428808.10 | 5017838.41 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.3 | 0.4 | -2.0 | 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 | Ahours | 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 | 18428899.50 | 5017919.53 | 7.80 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.4 | 0.4 | -1.7 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 394 | 18428980.36 | 5017866.39 | 7.50 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.4 | 0.6 | -2.3 | 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 | Ahours | 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 | 18428823.59 | 5017845.15 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.4 | 0.5 | -2.1 | 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 | Ahours | 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 | 18428490.70 | 5017948.19 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.4 | 0.5 | -1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.5 |

| 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 | Ahours | 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 | 18428505.53 | 5017920.40 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.4 | 0.5 | -1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.4 |

| 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 | Ahours | 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 | 18428903.02 | 5017919.63 | 7.80 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.5 | 0.5 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.7 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428987.32 | 5017867.93 | 7.50 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.5 | 0.6 | -2.2 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 412 | 18428468.84 | 5017956.84 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.0 | 0.5 | -1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.0 |

| 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 | Ahours | 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 | 18428900.89 | 5017974.32 | 6.50 | 0 | D | 500 | 80.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.4 | 0.4 | -1.2 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 416 | 18428494.60 | 5017884.88 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.4 | 0.5 | -1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.5 |

| 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 | Ahours | 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 | 18428900.89 | 5017972.84 | 6.50 | 0 | D | 500 | 80.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.5 | 0.4 | -1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.3 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 420 | 18428901.09 | 5017971.24 | 6.50 | 0 | D | 500 | 80.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.5 | 0.4 | -1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.3 |

| 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 | Ahours | 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 | 18429075.97 | 5017987.35 | 25.00 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -2.0 | 62.5 | 0.7 | -2.0 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 425 | 18428448.92 | 5017962.88 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.6 | 0.5 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.6 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 437 | 18429078.45 | 5017980.72 | 25.00 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -2.0 | 62.6 | 0.7 | -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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 439 | 18428612.09 | 5017850.63 | 7.50 | 0 | D | 500 | 80.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.7 | 0.4 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.9 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 440 | 18428907.27 | 5017853.20 | 7.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.0 | 0.5 | -2.1 | 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 | Ahours | 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 | 18428435.83 | 5017963.44 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.0 | 0.5 | -1.8 | 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 | Ahours | 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 | 18428897.42 | 5017838.66 | 7.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.1 | 0.5 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.5 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428429.46 | 5017974.03 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.1 | 0.5 | -2.1 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 451 | 18428421.15 | 5017969.02 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.3 | 0.6 | -2.1 | 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 | Ahours | 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 | 18428701.29 | 5017812.92 | 24.50 | 0 | D | 500 | 80.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.4 | 0.4 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.3 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 457 | 18428450.57 | 5017888.05 | 9.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.5 | 0.6 | -1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.4 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 462 | 18428920.82 | 5017840.47 | 7.30 | 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: "COMM6" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 465 | 18428899.14 | 5017819.42 | 7.30 | 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: "COMM10" | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------------|------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 467 | 18428412.04 | 5017972.32 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.6 | 0.6 | -2.0 | 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 | Ahours | 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 | 18428401.12 | 5017976.88 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.9 | 0.6 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.6 |

| 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 | Ahours | 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 | 18428398.38 | 5017979.15 | 9.50 | 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 | 19.6 |

| 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 | Ahours | 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 | 18428922.00 | 5017821.49 | 7.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.9 | 0.6 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | Ahours | 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 | 18428901.04 | 5017798.82 | 7.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.0 | 0.6 | -2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.7 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 484 | 18428393.15 | 5017987.92 | 9.50 | 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: "HVAC", ID: "COMM6" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 488 | 18428986.72 | 5017891.71 | 7.30 | 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 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428386.01 | 5017991.81 | 9.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.2 | 0.6 | -2.3 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 492 | 18428923.71 | 5017802.88 | 7.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.3 | 0.6 | -2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.4 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 493 | 18428935.28 | 5017811.47 | 7.30 | 0 | 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 | 0.0 | 19.4 |

| 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 | Ahours | 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 | 18429014.15 | 5017916.12 | 7.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.5 | 0.6 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.9 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 501 | 18428390.94 | 5017911.93 | 9.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.6 | 0.7 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.4 |

| 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 | Ahours | 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 | 18428339.80 | 5017952.97 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.5 | 0.7 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.8 |

| 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 | Ahours | 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 | 18428331.03 | 5017989.74 | 8.00 | 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: "COMM11" | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------------|------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | 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 | 18428332.63 | 5017940.79 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.7 | 0.7 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.6 |

| 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 | Ahours | 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 | 18428324.43 | 5017959.46 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.8 | 0.8 | -2.1 | 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 | Ahours | 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 | 18428317.60 | 5017988.03 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.8 | 0.8 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.6 |

| 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 | Ahours | 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 | 18428315.90 | 5017992.01 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.9 | 0.8 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.6 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 524 | 18428313.51 | 5017997.02 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.9 | 0.8 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.6 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 526 | 18428316.58 | 5017975.74 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.9 | 0.8 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.6 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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) |
| 529 | 18428312.60 | 5017999.30 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.9 | 0.8 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.6 |

| 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) |
| 531 | 18428316.33 | 5017971.26 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.9 | 0.8 | -2.2 | 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) |
| 535 | 18428314.76 | 5017979.49 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.9 | 0.8 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.6 |

| 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) |
| 540 | 18428309.86 | 5018004.31 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.0 | 0.8 | -2.3 | 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) |
| 542 | 18428318.17 | 5017952.06 | 8.00 | 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 | 17.3 |

| 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) |
| 549 | 18428305.31 | 5018013.64 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.0 | 0.8 | -2.3 | 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) |
| 551 | 18428299.28 | 5018015.92 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.2 | 0.8 | -2.3 | 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) |
| 554 | 18428294.16 | 5018018.31 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.3 | 0.8 | -2.3 | 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) |
| 556 | 18428290.29 | 5018019.79 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.4 | 0.8 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.1 |

| 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) |
| 559 | 18428281.64 | 5018022.86 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.5 | 0.8 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.9 |

| 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) |
| 560 | 18428276.29 | 5018024.91 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.6 | 0.8 | -2.3 | 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) |
| 562 | 18428268.20 | 5018020.70 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.8 | 0.8 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.6 |

Receiver
 Name: R3 - SE
 ID: R3
 X: 18428825.94 m
 Y: 5018055.55 m
 Z: 21.50 m

| 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) |
| 3 | 18428892.54 | 5017969.58 | 7.00 | 0 | D | 500 | 87.0 | 0.0 | 0.0 | 0.0 | -3.0 | 51.8 | 0.2 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 33.6 |

| 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 | 52.0 | 0.2 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 33.4 |

| 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) |
| 8 | 18428737.08 | 5017746.25 | 13.28 | 0 | D | A | 96.0 | 0.0 | 0.0 | 0.0 | -2.1 | 61.2 | 1.1 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 33.8 |

| 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) |
| 15 | 18428894.25 | 5017964.34 | 7.00 | 0 | D | 500 | 87.0 | 0.0 | 0.0 | 0.0 | -3.0 | 52.2 | 0.2 | -1.8 | 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) |
| 20 | 18428746.01 | 5017731.83 | 13.28 | 0 | DEN | A | 95.0 | 0.0 | 0.0 | 0.0 | -2.1 | 61.5 | 1.2 | -2.3 | 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) |
| 26 | 18428740.63 | 5017731.08 | 13.28 | 0 | D | A | 95.0 | 0.0 | 0.0 | 0.0 | -2.1 | 61.5 | 1.2 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 32.5 |

| 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) |
| 31 | 18428897.74 | 5017977.65 | 7.00 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | 0.0 | 51.6 | 0.2 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 34.9 |

| 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) |
| 34 | 18428906.84 | 5017971.92 | 7.00 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52.4 | 0.2 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 34.1 |

| 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) |
| 38 | 18428902.51 | 5017967.43 | 7.00 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 52.4 | 0.2 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 31.0 |

| 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) |
| 42 | 18428898.84 | 5017963.19 | 7.00 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 52.5 | 0.2 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 31.0 |

| 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) |
| 47 | 18428907.15 | 5017970.27 | 7.00 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52.5 | 0.2 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 34.1 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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) |
| 52 | 18428689.10 | 5017741.69 | 13.28 | 0 | D | A | 93.8 | 0.0 | 0.0 | 0.0 | -1.7 | 61.7 | 1.2 | -2.2 | 0.0 | 0.0 | 9.3 | 0.0 | 0.0 | 22.2 |

| 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) |
| 56 | 18428689.53 | 5017736.56 | 13.28 | 0 | D | A | 93.8 | 0.0 | 0.0 | 0.0 | -1.7 | 61.8 | 1.2 | -2.2 | 0.0 | 0.0 | 8.1 | 0.0 | 0.0 | 23.2 |

| 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) |
| 60 | 18428821.02 | 5017862.97 | 7.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.7 | 0.4 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 29.8 |

| 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) |
| 68 | 18428699.54 | 5017907.54 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.8 | 0.4 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 29.6 |

| 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) |
| 73 | 18428841.91 | 5017858.93 | 7.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.9 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 29.7 |

| 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) |
| 78 | 18428702.65 | 5017890.37 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.3 | 0.4 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 29.1 |

| 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) |
| 84 | 18428681.78 | 5017905.82 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.4 | 0.4 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.9 |

| 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) |
| 96 | 18428805.03 | 5017838.98 | 7.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.8 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.8 |

| 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) |
| 104 | 18428682.91 | 5017888.38 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.8 | 0.4 | -1.8 | 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) |
| 107 | 18429002.54 | 5017897.34 | 7.30 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.5 | 0.5 | -2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.4 |

| 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) |
| 109 | 18429022.86 | 5017913.85 | 7.30 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.7 | 0.5 | -2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.2 |

| 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) |
| 114 | 18429006.30 | 5017883.63 | 7.30 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.9 | 0.5 | -2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.0 |

| 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) |
| 115 | 18428705.31 | 5017834.86 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.0 | 0.5 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.6 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18429027.70 | 5017900.64 | 7.30 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.1 | 0.5 | -2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.8 |

| 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 | Ahours | 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 | 18428848.06 | 5017929.37 | 6.80 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 53.2 | 0.2 | -1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.0 |

| 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 | Ahours | 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 | 18428680.43 | 5017833.35 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.5 | 0.5 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.0 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 129 | 18428848.36 | 5017924.98 | 6.80 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 53.5 | 0.3 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.8 |

| 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 | Ahours | 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 | 18428848.85 | 5017920.82 | 6.80 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 53.8 | 0.3 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.6 |

| 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 | Ahours | 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 | 18428649.23 | 5017844.82 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.8 | 0.5 | -2.0 | 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 | Ahours | 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 | 18428887.23 | 5017932.10 | 8.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 53.8 | 0.3 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.7 |

| 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 | Ahours | 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 | 18428900.89 | 5017974.32 | 6.50 | 0 | D | 500 | 80.0 | 0.0 | 0.0 | 0.0 | 0.0 | 51.9 | 0.2 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 29.5 |

| 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 | Ahours | 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 | 18428887.32 | 5017929.83 | 8.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 54.0 | 0.3 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.5 |

| 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 | Ahours | 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 | 18428633.96 | 5017850.56 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.0 | 0.5 | -2.0 | 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 | Ahours | 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 | 18428900.89 | 5017972.84 | 6.50 | 0 | D | 500 | 80.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52.0 | 0.2 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 29.4 |

| 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 | Ahours | 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 | 18428849.44 | 5017914.86 | 6.80 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 54.1 | 0.3 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.3 |

| 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 | Ahours | 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 | 18428901.09 | 5017971.24 | 6.50 | 0 | D | 500 | 80.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52.1 | 0.2 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 29.3 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428904.88 | 5017932.82 | 7.80 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 54.3 | 0.3 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.4 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 184 | 18428850.16 | 5017907.54 | 6.80 | 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 | 25.9 |

| 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 | Ahours | 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 | 18428888.39 | 5017919.08 | 7.80 | 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: "COMM1" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | 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 | 18428597.68 | 5017859.88 | 7.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.6 | 0.6 | -2.0 | 0.0 | 0.0 | 4.5 | 0.0 | 0.0 | 21.3 |

| 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 | Ahours | 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 | 18428594.74 | 5017851.35 | 7.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.8 | 0.6 | -2.1 | 0.0 | 0.0 | 7.6 | 0.0 | 0.0 | 18.1 |

| 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 | Ahours | 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 | 18428899.50 | 5017919.53 | 7.80 | 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 | 25.8 |

| 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 | Ahours | 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 | 18428903.02 | 5017919.63 | 7.80 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 54.9 | 0.3 | -2.0 | 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 | Ahours | 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 | 18428934.56 | 5017851.58 | 7.50 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.3 | 0.4 | -2.2 | 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 | Ahours | 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 | 18428951.37 | 5017855.48 | 7.50 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.5 | 0.5 | -2.3 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 230 | 18428980.36 | 5017866.39 | 7.50 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.8 | 0.5 | -2.1 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 235 | 18428958.04 | 5017847.06 | 7.50 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.9 | 0.5 | -2.3 | 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 | Ahours | 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 | 18428987.32 | 5017867.93 | 7.50 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.9 | 0.5 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | Ahours | 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 | 18428937.81 | 5017832.61 | 7.50 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.0 | 0.5 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.7 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 251 | 18428487.28 | 5017933.30 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.1 | 0.7 | -1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.1 |

| 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 | Ahours | 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 | 18428712.09 | 5017913.91 | 24.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.2 | 0.4 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.1 |

| 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 | Ahours | 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 | 18429075.97 | 5017987.35 | 25.00 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -2.0 | 59.3 | 0.5 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.0 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 258 | 18429078.45 | 5017980.72 | 25.00 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -2.0 | 59.4 | 0.5 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.0 |

| 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 | Ahours | 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 | 18428841.16 | 5017869.82 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.4 | 0.4 | -1.9 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 265 | 18428700.89 | 5017915.62 | 24.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.5 | 0.4 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.8 |

| 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 | Ahours | 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 | 18428474.08 | 5017916.23 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.6 | 0.7 | -1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.9 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 277 | 18428464.74 | 5017941.84 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.6 | 0.7 | -1.1 | 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 | Ahours | 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 | 18428471.35 | 5017890.96 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.8 | 0.8 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.0 |

| 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 | Ahours | 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 | 18428442.21 | 5017950.92 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.0 | 0.8 | -1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.4 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 291 | 18428446.65 | 5017926.79 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.1 | 0.8 | -1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.4 |

| 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 | Ahours | 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 | 18428717.47 | 5017884.86 | 24.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.1 | 0.4 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.3 |

| 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 | Ahours | 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 | 18428448.70 | 5017899.84 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.2 | 0.8 | -1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.4 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428419.44 | 5017959.12 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.4 | 0.8 | -1.3 | 0.0 | 0.0 | 0.0 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 301 | 18428823.59 | 5017845.15 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.5 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.1 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 309 | 18428418.19 | 5017937.27 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.6 | 0.8 | -1.3 | 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 | Ahours | 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 | 18428426.61 | 5017907.92 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.6 | 0.8 | -1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 314 | 18428760.28 | 5017852.11 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.6 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.0 |
| 318 | 18428760.28 | 5017852.11 | 7.50 | 1 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.0 | 0.5 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 320 | 18428760.49 | 5017848.59 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.7 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.8 |
| 325 | 18428760.49 | 5017848.59 | 7.50 | 1 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.1 | 0.5 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 20.4 |

| 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 | Ahours | 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 | 18428668.05 | 5017905.95 | 24.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.8 | 0.4 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.5 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 331 | 18428795.27 | 5017840.20 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.8 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.9 |
| 335 | 18428795.27 | 5017840.20 | 7.50 | 1 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.1 | 0.5 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 19.5 |

| 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 | Ahours | 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 | 18428582.19 | 5017867.77 | 7.50 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | 0.0 | 60.8 | 0.6 | -1.9 | 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 | Ahours | 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 | 18428808.10 | 5017838.41 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.8 | 0.4 | -2.0 | 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 | Ahours | 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 | 18428907.27 | 5017853.20 | 7.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.8 | 0.4 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.6 |

| 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 | Ahours | 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 | 18428581.98 | 5017862.54 | 7.50 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | 0.0 | 60.9 | 0.6 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.5 |

| 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 | Ahours | 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 | 18428409.20 | 5017914.50 | 9.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.9 | 0.8 | -1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.7 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428789.53 | 5017837.33 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.9 | 0.4 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.7 |
| 363 | 18428789.53 | 5017837.33 | 7.50 | 1 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.0 | 0.5 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 368 | 18428666.47 | 5017900.99 | 24.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.9 | 0.4 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.3 |

| 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 | Ahours | 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 | 18428388.47 | 5017971.04 | 9.00 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 64.0 | 0.9 | -1.6 | 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 | Ahours | 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 | 18428778.92 | 5017836.33 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.0 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.6 |
| 378 | 18428778.92 | 5017836.33 | 7.50 | 1 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.8 | 0.5 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 19.8 |

| 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 | Ahours | 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 | 18428793.12 | 5017831.81 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.1 | 0.4 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.5 |
| 390 | 18428793.12 | 5017831.81 | 7.50 | 1 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.2 | 0.6 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 19.4 |

| 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 | Ahours | 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 | 18428897.42 | 5017838.66 | 7.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.2 | 0.4 | -1.6 | 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 | Ahours | 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 | 18428381.42 | 5017951.61 | 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: "COMM2" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | 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 | 18428713.70 | 5017855.15 | 24.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.2 | 0.4 | -2.1 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 408 | 18428986.72 | 5017891.71 | 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 | 0.0 | 0.0 | 0.0 | 22.7 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 411 | 18428669.77 | 5017885.85 | 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 | 22.1 |

| 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 | Ahours | 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 | 18428761.92 | 5017834.39 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.3 | 0.4 | -2.0 | 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 | Ahours | 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 | 18428761.92 | 5017830.74 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.4 | 0.5 | -2.0 | 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 | Ahours | 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 | 18429014.15 | 5017916.12 | 7.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.4 | 0.5 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.5 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428920.82 | 5017840.47 | 7.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.4 | 0.5 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.1 |

| 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 | Ahours | 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 | 18428703.59 | 5017854.07 | 24.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.4 | 0.5 | -1.9 | 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 | Ahours | 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 | 18428372.77 | 5017928.50 | 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 | 21.2 |

| 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 | Ahours | 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 | 18428347.08 | 5017971.30 | 8.00 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 64.7 | 0.9 | -2.1 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 449 | 18428899.14 | 5017819.42 | 7.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.9 | 0.5 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.4 |

| 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 | Ahours | 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 | 18428331.95 | 5017976.53 | 8.00 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 65.0 | 1.0 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | Ahours | 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 | 18428922.00 | 5017821.49 | 7.30 | 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: "COMM2" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 459 | 18428716.57 | 5017819.80 | 24.50 | 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: "COMM2" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | 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 | 18428706.38 | 5017824.46 | 24.50 | 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: "COMM2" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | 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 | 18428719.43 | 5017816.50 | 24.50 | 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: "COMM2" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | 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 | 18428707.75 | 5017819.37 | 24.50 | 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: "Tire", ID: "COMM10_TIRE" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 480 | 18428528.25 | 5017929.79 | 1.50 | 0 | D | 500 | 85.4 | 0.0 | 0.0 | 0.0 | 0.0 | 61.2 | 0.6 | -0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.9 |

| 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 | Ahours | 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 | 18428935.28 | 5017811.47 | 7.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.6 | 0.5 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.2 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 487 | 18428901.04 | 5017798.82 | 7.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.6 | 0.5 | -1.9 | 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 | Ahours | 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 | 18428669.67 | 5017836.15 | 24.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.6 | 0.5 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.9 |

| 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 | Ahours | 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 | 18428923.71 | 5017802.88 | 7.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.7 | 0.5 | -2.0 | 0.0 | 0.0 | 0.0 | 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 | Ahours | 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 | 18428662.50 | 5017838.66 | 24.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.7 | 0.5 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.8 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 507 | 18428519.11 | 5017933.44 | 1.50 | 0 | D | 500 | 85.4 | 0.0 | 0.0 | 0.0 | 0.0 | 61.4 | 0.6 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.1 |
| 509 | 18428519.11 | 5017933.44 | 1.50 | 1 | D | 500 | 85.4 | 0.0 | 0.0 | 0.0 | 0.0 | 61.8 | 0.7 | -1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 512 | 18428694.91 | 5017815.86 | 24.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.7 | 0.5 | -2.2 | 0.0 | 0.0 | 0.0 | 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 | Ahours | 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 | 18428685.52 | 5017819.15 | 24.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.8 | 0.5 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.7 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 532 | 18428523.30 | 5017912.73 | 1.50 | 0 | D | 500 | 85.4 | 0.0 | 0.0 | 0.0 | 0.0 | 61.5 | 0.6 | -0.4 | 0.0 | 0.0 | 12.5 | 0.0 | 0.0 | 11.2 |
| 534 | 18428523.30 | 5017912.73 | 1.50 | 2 | D | 500 | 85.4 | 0.0 | 0.0 | 0.0 | 0.0 | 62.9 | 0.8 | -1.6 | 0.0 | 0.0 | 5.8 | 0.0 | 2.0 | 15.5 |
| 536 | 18428523.30 | 5017912.73 | 1.50 | 2 | D | 500 | 85.4 | 0.0 | 0.0 | 0.0 | 0.0 | 63.0 | 0.8 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 21.4 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 539 | 18428511.17 | 5017936.62 | 1.50 | 0 | D | 500 | 85.4 | 0.0 | 0.0 | 0.0 | 0.0 | 61.6 | 0.6 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.0 |
| 541 | 18428511.17 | 5017936.62 | 1.50 | 1 | D | 500 | 85.4 | 0.0 | 0.0 | 0.0 | 0.0 | 61.7 | 0.7 | -0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 22.4 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 546 | 18428517.80 | 5017914.70 | 1.50 | 2 | D | 500 | 85.4 | 0.0 | 0.0 | 0.0 | 0.0 | 62.9 | 0.8 | -1.6 | 0.0 | 0.0 | 5.6 | 0.0 | 2.0 | 15.8 |
| 547 | 18428517.80 | 5017914.70 | 1.50 | 2 | D | 500 | 85.4 | 0.0 | 0.0 | 0.0 | 0.0 | 62.9 | 0.8 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 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 | Ahours | 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 | 18428513.56 | 5017916.22 | 1.50 | 2 | D | 500 | 85.4 | 0.0 | 0.0 | 0.0 | 0.0 | 62.8 | 0.8 | -1.6 | 0.0 | 0.0 | 5.1 | 0.0 | 2.0 | 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 | Ahours | 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 | 18428591.15 | 5017861.68 | 7.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.7 | 0.6 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.7 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 561 | 18428520.21 | 5017922.90 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.5 | 0.6 | -1.2 | 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 | Ahours | 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 | 18428701.29 | 5017812.92 | 24.50 | 0 | D | 500 | 80.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.7 | 0.5 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | Ahours | 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 | 61.8 | 0.7 | -1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.7 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 565 | 18428490.70 | 5017948.19 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.9 | 0.7 | -1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.5 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 566 | 18428468.84 | 5017956.84 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.4 | 0.7 | -1.1 | 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 | Ahours | 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 | 18428494.60 | 5017884.88 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.4 | 0.7 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.4 |

| 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 | Ahours | 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 | 18428448.92 | 5017962.88 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.8 | 0.7 | -1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.7 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 573 | 18428435.83 | 5017963.44 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.1 | 0.8 | -1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.4 |

| 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 | Ahours | 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 | 18428429.46 | 5017974.03 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.1 | 0.8 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.7 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 576 | 18428450.57 | 5017888.05 | 9.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.3 | 0.8 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.6 |

| 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 | Ahours | 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 | 18428421.15 | 5017969.02 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.3 | 0.8 | -1.5 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 579 | 18428412.04 | 5017972.32 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.5 | 0.8 | -1.6 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 580 | 18428401.12 | 5017976.88 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.7 | 0.8 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.2 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 582 | 18428398.38 | 5017979.15 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.8 | 0.8 | -2.1 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 584 | 18428393.15 | 5017987.92 | 9.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.8 | 0.8 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.5 |

| 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 | Ahours | 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 | 18428386.01 | 5017991.81 | 9.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 64.0 | 0.9 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.4 |

| 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 | Ahours | 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 | 18428390.94 | 5017911.93 | 9.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 64.2 | 0.9 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.5 |

| 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 | Ahours | 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 | 18428339.80 | 5017952.97 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 64.9 | 1.0 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.0 |

| 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 | Ahours | 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 | 18428331.03 | 5017989.74 | 8.00 | 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", ID: "COMM11" | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------------|------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 595 | 18428332.63 | 5017940.79 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 65.1 | 1.0 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.8 |

| 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 | Ahours | 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 | 18428324.43 | 5017959.46 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 65.2 | 1.0 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.6 |

| 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 | Ahours | 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 | 18428317.60 | 5017988.03 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 65.2 | 1.0 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.1 |

| 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 | Ahours | 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 | 18428315.90 | 5017992.01 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 65.2 | 1.0 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.1 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 602 | 18428316.58 | 5017975.74 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 65.2 | 1.0 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.0 |

| 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 | Ahours | 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 | 18428313.51 | 5017997.02 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 65.3 | 1.0 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.1 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 607 | 18428312.60 | 5017999.30 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 65.3 | 1.0 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.1 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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) |
| 609 | 18428316.33 | 5017971.26 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 65.3 | 1.0 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.9 |

| 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) |
| 611 | 18428314.76 | 5017979.49 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 65.3 | 1.0 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.0 |

| 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) |
| 613 | 18428318.17 | 5017952.06 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 65.3 | 1.0 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.6 |

| 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) |
| 615 | 18428309.86 | 5018004.31 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 65.3 | 1.0 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.0 |

| 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) |
| 617 | 18428305.31 | 5018013.64 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 65.4 | 1.0 | -2.3 | 0.0 | 0.0 | 3.6 | 0.0 | 0.0 | 11.3 |

| 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) |
| 619 | 18428299.28 | 5018015.92 | 8.00 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 65.5 | 1.0 | -2.3 | 0.0 | 0.0 | 4.5 | 0.0 | 0.0 | 10.3 |

Receiver
 Name: R4 - NE
 ID: R4
 X: 18428839.67 m
 Y: 5018096.78 m
 Z: 21.50 m

| 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) |
| 6 | 18428737.08 | 5017746.25 | 13.28 | 0 | D | A | 96.0 | 0.0 | 0.0 | 0.0 | -1.6 | 62.3 | 1.2 | -2.3 | 0.0 | 0.0 | 14.2 | 0.0 | 0.0 | 18.9 |

| 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) |
| 10 | 18428746.01 | 5017731.83 | 13.28 | 0 | DEN | A | 95.0 | 0.0 | 0.0 | 0.0 | -1.6 | 62.5 | 1.3 | -2.3 | 0.0 | 0.0 | 13.7 | 0.0 | 0.0 | 18.2 |

| 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) |
| 12 | 18428892.54 | 5017969.58 | 7.00 | 0 | D | 500 | 87.0 | 0.0 | 0.0 | 0.0 | -3.0 | 53.8 | 0.3 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 31.6 |

| 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) |
| 16 | 18428897.28 | 5017970.44 | 7.00 | 0 | D | 500 | 87.0 | 0.0 | 0.0 | 0.0 | -3.0 | 53.9 | 0.3 | -1.8 | 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) |
| 19 | 18428894.25 | 5017964.34 | 7.00 | 0 | D | 500 | 87.0 | 0.0 | 0.0 | 0.0 | -3.0 | 54.2 | 0.3 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 31.3 |

| 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) |
| 25 | 18428740.63 | 5017731.08 | 13.28 | 0 | D | A | 95.0 | 0.0 | 0.0 | 0.0 | -1.6 | 62.6 | 1.3 | -2.3 | 0.0 | 0.0 | 13.9 | 0.0 | 0.0 | 17.9 |

| 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) |
| 28 | 18428897.74 | 5017977.65 | 7.00 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | 0.0 | 53.5 | 0.3 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 33.3 |

| 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) |
| 32 | 18428689.10 | 5017741.69 | 13.28 | 0 | D | A | 93.8 | 0.0 | 0.0 | 0.0 | -1.6 | 62.7 | 1.3 | -2.3 | 0.0 | 0.0 | 18.8 | 0.0 | 0.0 | 11.7 |

| 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) |
| 37 | 18428689.53 | 5017736.56 | 13.28 | 0 | D | A | 93.8 | 0.0 | 0.0 | 0.0 | -1.6 | 62.8 | 1.3 | -2.3 | 0.0 | 0.0 | 18.6 | 0.0 | 0.0 | 11.8 |

| 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) |
| 41 | 18428906.84 | 5017971.92 | 7.00 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | 0.0 | 54.1 | 0.3 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 32.7 |

| 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) |
| 44 | 18428907.15 | 5017970.27 | 7.00 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | 0.0 | 54.2 | 0.3 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 32.6 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428902.51 | 5017967.43 | 7.00 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 54.2 | 0.3 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 29.6 |

| 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 | Ahours | 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 | 18428898.84 | 5017963.19 | 7.00 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 54.3 | 0.3 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 29.2 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 58 | 18428821.02 | 5017862.97 | 7.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.4 | 0.5 | -2.1 | 0.0 | 0.0 | 11.1 | 0.0 | 0.0 | 17.1 |

| 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 | Ahours | 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 | 18428699.54 | 5017907.54 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.4 | 0.5 | -1.9 | 0.0 | 0.0 | 16.1 | 0.0 | 0.0 | 11.9 |

| 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 | Ahours | 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 | 18428841.91 | 5017858.93 | 7.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.5 | 0.5 | -2.1 | 0.0 | 0.0 | 7.1 | 0.0 | 0.0 | 21.0 |

| 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 | Ahours | 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 | 18428702.65 | 5017890.37 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.9 | 0.5 | -1.9 | 0.0 | 0.0 | 16.1 | 0.0 | 0.0 | 11.5 |

| 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 | Ahours | 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 | 18428681.78 | 5017905.82 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.9 | 0.5 | -1.9 | 0.0 | 0.0 | 16.1 | 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 | Ahours | 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 | 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: "COMM6" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | 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 | 18429022.86 | 5017913.85 | 7.30 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.3 | 0.5 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.5 |

| 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 | Ahours | 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 | 18428805.03 | 5017838.98 | 7.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.3 | 0.5 | -2.1 | 0.0 | 0.0 | 12.8 | 0.0 | 0.0 | 14.4 |

| 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 | Ahours | 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 | 18428682.91 | 5017888.38 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.3 | 0.5 | -2.0 | 0.0 | 0.0 | 16.1 | 0.0 | 0.0 | 11.1 |

| 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 | Ahours | 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 | 18429006.30 | 5017883.63 | 7.30 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.7 | 0.5 | -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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 98 | 18429027.70 | 5017900.64 | 7.30 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.7 | 0.5 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.1 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 99 | 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 | 15.5 | 0.0 | 0.0 | 10.8 |

| 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 | Ahours | 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 | 18428680.43 | 5017833.35 | 24.50 | 0 | D | 500 | 88.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.8 | 0.6 | -2.1 | 0.0 | 0.0 | 15.6 | 0.0 | 0.0 | 10.2 |

| 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 | Ahours | 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 | 18428848.06 | 5017929.37 | 6.80 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 55.5 | 0.3 | -1.7 | 0.0 | 0.0 | 4.9 | 0.0 | 0.0 | 20.0 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 119 | 18428887.23 | 5017932.10 | 8.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 55.7 | 0.3 | -2.5 | 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 | Ahours | 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 | 18428848.36 | 5017924.98 | 6.80 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 55.7 | 0.3 | -1.8 | 0.0 | 0.0 | 4.9 | 0.0 | 0.0 | 19.8 |

| 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 | Ahours | 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 | 18428900.89 | 5017974.32 | 6.50 | 0 | D | 500 | 80.0 | 0.0 | 0.0 | 0.0 | 0.0 | 53.8 | 0.3 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.0 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 133 | 18428887.32 | 5017929.83 | 8.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 55.8 | 0.3 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.4 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 140 | 18428900.89 | 5017972.84 | 6.50 | 0 | D | 500 | 80.0 | 0.0 | 0.0 | 0.0 | 0.0 | 53.9 | 0.3 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.9 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 141 | 18428848.85 | 5017920.82 | 6.80 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.0 | 0.3 | -1.8 | 0.0 | 0.0 | 4.8 | 0.0 | 0.0 | 19.7 |

| 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 | Ahours | 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 | 18428901.09 | 5017971.24 | 6.50 | 0 | D | 500 | 80.0 | 0.0 | 0.0 | 0.0 | 0.0 | 54.0 | 0.3 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.9 |

| 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 | Ahours | 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 | 18428904.88 | 5017932.82 | 7.80 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.0 | 0.3 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.7 |

| 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 | Ahours | 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 | 18428849.44 | 5017914.86 | 6.80 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.2 | 0.4 | -1.8 | 0.0 | 0.0 | 4.7 | 0.0 | 0.0 | 19.5 |

| 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 | Ahours | 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 | 18429075.97 | 5017987.35 | 25.00 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -2.0 | 59.3 | 0.5 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.2 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428888.39 | 5017919.08 | 7.80 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.3 | 0.4 | -2.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.0 |

| 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 | Ahours | 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 | 18428934.56 | 5017851.58 | 7.50 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.4 | 0.5 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | Ahours | 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 | 18428899.50 | 5017919.53 | 7.80 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.5 | 0.4 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.4 |

| 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 | Ahours | 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 | 18429078.45 | 5017980.72 | 25.00 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -2.0 | 59.5 | 0.5 | -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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 179 | 18428951.37 | 5017855.48 | 7.50 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.5 | 0.5 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | Ahours | 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 | 18428903.02 | 5017919.63 | 7.80 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.5 | 0.4 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.3 |

| 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 | Ahours | 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 | 18428850.16 | 5017907.54 | 6.80 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.6 | 0.4 | -1.8 | 0.0 | 0.0 | 4.7 | 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 | Ahours | 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 | 18428980.36 | 5017866.39 | 7.50 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.6 | 0.5 | -2.3 | 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 | Ahours | 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 | 18428987.32 | 5017867.93 | 7.50 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.7 | 0.5 | -2.4 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 194 | 18428958.04 | 5017847.06 | 7.50 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.8 | 0.5 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.9 |

| 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 | Ahours | 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 | 18428937.81 | 5017832.61 | 7.50 | 0 | D | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.0 | 0.5 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.7 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 222 | 18428841.16 | 5017869.82 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.1 | 0.4 | -2.1 | 0.0 | 0.0 | 7.3 | 0.0 | 0.0 | 15.2 |

| 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 | Ahours | 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 | 18429014.15 | 5017916.12 | 7.30 | 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 | 21.8 |

DAYTIME - OFFSITE - MECHANICAL SOURCES

| 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) |
| 259 | 18428823.59 | 5017845.15 | 7.50 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.0 | 0.5 | -2.1 | 0.0 | 0.0 | 10.5 | 0.0 | 0.0 | 11.1 |

| 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) |
| 264 | 18428986.72 | 5017891.71 | 7.30 | 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 | 21.8 |

| 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) |
| 266 | 18428907.27 | 5017853.20 | 7.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.1 | 0.5 | -2.6 | 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) |
| 319 | 18428897.42 | 5017838.66 | 7.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.5 | 0.5 | -2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.7 |

| 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) |
| 327 | 18428920.82 | 5017840.47 | 7.30 | 0 | D | 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) |
| 353 | 18428899.14 | 5017819.42 | 7.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.1 | 0.5 | -2.7 | 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) |
| 356 | 18428922.00 | 5017821.49 | 7.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.2 | 0.6 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.7 |

| 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 | 18428935.28 | 5017811.47 | 7.30 | 0 | D | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.6 | 0.6 | -2.4 | 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) |
| 382 | 18428901.04 | 5017798.82 | 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 | 20.4 |

| 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) |
| 395 | 18428923.71 | 5017802.88 | 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 |

Receiver
 Name: R1 - NW
 ID: R1
 X: 18428684.93 m
 Y: 5018088.99 m
 Z: 4.00 m

| 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 | Ahours | 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 | 18428699.54 | 5017907.54 | 24.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.3 | 0.4 | -1.8 | 0.0 | 0.0 | 4.8 | 0.0 | 0.0 | 22.4 |

| 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 | Ahours | 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 | 18428681.78 | 5017905.82 | 24.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.3 | 0.4 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.2 |
| 23 | 18428681.78 | 5017905.82 | 24.50 | 1 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.7 | 0.6 | -2.0 | 0.0 | 0.0 | 4.8 | 0.0 | 1.0 | 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 | Ahours | 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 | 18428702.65 | 5017890.37 | 24.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.0 | 0.4 | -1.9 | 0.0 | 0.0 | 5.2 | 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 | Ahours | 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 | 18428682.91 | 5017888.38 | 24.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.1 | 0.4 | -1.9 | 0.0 | 0.0 | 5.0 | 0.0 | 0.0 | 21.3 |

| 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 | Ahours | 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 | 18428633.96 | 5017850.56 | 24.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.8 | 0.5 | -1.9 | 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 | Ahours | 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 | 18428597.68 | 5017859.88 | 7.50 | 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 | 24.6 |

| 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 | Ahours | 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 | 18428649.23 | 5017844.82 | 24.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.9 | 0.5 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.6 |

| 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 | Ahours | 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 | 18428487.28 | 5017933.30 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.0 | 0.5 | -2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.9 |

| 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 | Ahours | 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 | 18428594.74 | 5017851.35 | 7.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.1 | 0.5 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.2 |

| 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 | Ahours | 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 | 18428705.31 | 5017834.86 | 24.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.2 | 0.5 | -1.9 | 0.0 | 0.0 | 7.0 | 0.0 | 0.0 | 17.3 |
| 53 | 18428705.31 | 5017834.86 | 24.50 | 2 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.2 | 0.6 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 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 | Ahours | 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 | 18428680.43 | 5017833.35 | 24.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.2 | 0.5 | -1.9 | 0.0 | 0.0 | 6.7 | 0.0 | 0.0 | 17.5 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428464.74 | 5017941.84 | 9.50 | 0 | N | 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 | 24.5 |

| 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 | Ahours | 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 | 18428474.08 | 5017916.23 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.7 | 0.5 | -2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.1 |

| 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 | Ahours | 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 | 18428442.21 | 5017950.92 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.9 | 0.5 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.0 |

| 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 | Ahours | 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 | 18428446.65 | 5017926.79 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.2 | 0.6 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.7 |

| 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 | Ahours | 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 | 18428471.35 | 5017890.96 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.3 | 0.6 | -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 | Ahours | 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 | 18428419.44 | 5017959.12 | 9.50 | 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: "COMM10" | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------------|------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | 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 | 18428448.70 | 5017899.84 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.6 | 0.6 | -2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.2 |

| 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 | Ahours | 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 | 18428418.19 | 5017937.27 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.7 | 0.6 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.1 |

| 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 | Ahours | 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 | 18428426.61 | 5017907.92 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.0 | 0.6 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.9 |

| 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 | Ahours | 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 | 18428388.47 | 5017971.04 | 9.00 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.1 | 0.6 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | Ahours | 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 | 18428409.20 | 5017914.50 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.3 | 0.6 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.5 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 150 | 18428381.42 | 5017951.61 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.5 | 0.6 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.4 |

| 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 | Ahours | 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 | 18428582.19 | 5017867.77 | 7.50 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | 0.0 | 58.7 | 0.5 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.7 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428700.89 | 5017915.62 | 24.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 55.9 | 0.3 | -1.8 | 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 | Ahours | 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 | 18428372.77 | 5017928.50 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.9 | 0.7 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.9 |

| 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 | Ahours | 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 | 18428581.98 | 5017862.54 | 7.50 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | 0.0 | 58.9 | 0.5 | -1.9 | 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 | Ahours | 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 | 18428712.09 | 5017913.91 | 24.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.0 | 0.3 | -1.8 | 0.0 | 0.0 | 6.0 | 0.0 | 0.0 | 15.4 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 202 | 18428347.08 | 5017971.30 | 8.00 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.1 | 0.7 | -2.5 | 0.0 | 0.0 | 4.8 | 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 | Ahours | 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 | 18428668.05 | 5017905.95 | 24.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.3 | 0.4 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.1 |
| 209 | 18428668.05 | 5017905.95 | 24.30 | 1 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.5 | 0.6 | -2.0 | 0.0 | 0.0 | 4.8 | 0.0 | 1.0 | 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 | Ahours | 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 | 18428331.95 | 5017976.53 | 8.00 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.4 | 0.7 | -2.6 | 0.0 | 0.0 | 4.8 | 0.0 | 0.0 | 16.7 |

| 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 | Ahours | 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 | 18428666.47 | 5017900.99 | 24.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.6 | 0.4 | -1.8 | 0.0 | 0.0 | 4.8 | 0.0 | 0.0 | 16.1 |
| 232 | 18428666.47 | 5017900.99 | 24.30 | 1 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.3 | 0.6 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 16.1 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 285 | 18428669.77 | 5017885.85 | 24.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.2 | 0.4 | -1.9 | 0.0 | 0.0 | 5.2 | 0.0 | 0.0 | 15.1 |
| 287 | 18428669.77 | 5017885.85 | 24.30 | 1 | 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 | 1.0 | 16.4 |

| 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 | Ahours | 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 | 18428520.21 | 5017922.90 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.4 | 0.5 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.3 |

| 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 | Ahours | 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 | 18428703.59 | 5017854.07 | 24.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.5 | 0.5 | -1.9 | 0.0 | 0.0 | 6.6 | 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 | Ahours | 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 | 18428490.70 | 5017948.19 | 9.50 | 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 | 19.4 |

| 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 | Ahours | 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 | 18428591.15 | 5017861.68 | 7.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.8 | 0.5 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.5 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428505.53 | 5017920.40 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.8 | 0.5 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.9 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 392 | 18428662.50 | 5017838.66 | 24.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.0 | 0.5 | -1.9 | 0.0 | 0.0 | 6.4 | 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 | Ahours | 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 | 18428468.84 | 5017956.84 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.1 | 0.5 | -2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.8 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 398 | 18428669.67 | 5017836.15 | 24.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.1 | 0.5 | -1.9 | 0.0 | 0.0 | 6.6 | 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 | Ahours | 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 | 18428706.38 | 5017824.46 | 24.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.5 | 0.5 | -1.9 | 0.0 | 0.0 | 7.1 | 0.0 | 0.0 | 10.8 |
| 463 | 18428706.38 | 5017824.46 | 24.50 | 2 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.4 | 0.6 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 13.9 |

| 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 | Ahours | 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 | 18428448.92 | 5017962.88 | 9.50 | 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: "COMM2" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 497 | 18428685.52 | 5017819.15 | 24.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.6 | 0.5 | -1.9 | 0.0 | 0.0 | 7.0 | 0.0 | 0.0 | 10.8 |

| 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 | Ahours | 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 | 18428707.75 | 5017819.37 | 24.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.7 | 0.5 | -2.0 | 0.0 | 0.0 | 7.2 | 0.0 | 0.0 | 10.6 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 558 | 18428694.91 | 5017815.86 | 24.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.8 | 0.5 | -1.9 | 0.0 | 0.0 | 7.0 | 0.0 | 0.0 | 10.6 |

| 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 | Ahours | 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 | 18428435.83 | 5017963.44 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.9 | 0.5 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | Ahours | 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 | 18428494.60 | 5017884.88 | 9.50 | 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: "COMM10" | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------------|------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 585 | 18428429.46 | 5017974.03 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.9 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 593 | 18428421.15 | 5017969.02 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.2 | 0.6 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.7 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428412.04 | 5017972.32 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.5 | 0.6 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.5 |

| 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 | Ahours | 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 | 18428401.12 | 5017976.88 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.7 | 0.6 | -2.5 | 0.0 | 0.0 | 0.0 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 598 | 18428398.38 | 5017979.15 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.7 | 0.6 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.2 |

| 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 | Ahours | 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 | 18428450.57 | 5017888.05 | 9.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.8 | 0.6 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.9 |

| 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 | Ahours | 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 | 18428393.15 | 5017987.92 | 9.50 | 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: "COMM11" | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------------|------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 610 | 18428612.09 | 5017850.63 | 7.50 | 0 | N | 500 | 77.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.9 | 0.5 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.4 |

| 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 | Ahours | 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 | 18428386.01 | 5017991.81 | 9.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.9 | 0.6 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.0 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 620 | 18428390.94 | 5017911.93 | 9.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.7 | 0.7 | -2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.1 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 631 | 18428331.03 | 5017989.74 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.3 | 0.7 | -2.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.5 |

| 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 | Ahours | 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 | 18428339.80 | 5017952.97 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.4 | 0.7 | -2.6 | 0.0 | 0.0 | 4.8 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 636 | 18428317.60 | 5017988.03 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.6 | 0.7 | -2.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.3 |

| 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 | Ahours | 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 | 18428315.90 | 5017992.01 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.6 | 0.7 | -2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.3 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 638 | 18428332.63 | 5017940.79 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.6 | 0.7 | -2.6 | 0.0 | 0.0 | 4.8 | 0.0 | 0.0 | 10.4 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 639 | 18428313.51 | 5017997.02 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.7 | 0.7 | -2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.3 |

| 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 | Ahours | 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 | 18428312.60 | 5017999.30 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.7 | 0.7 | -2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.3 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 641 | 18428324.43 | 5017959.46 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.7 | 0.7 | -2.6 | 0.0 | 0.0 | 4.8 | 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 | Ahours | 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 | 18428309.86 | 5018004.31 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.7 | 0.7 | -2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.2 |

| 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 | Ahours | 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 | 18428316.58 | 5017975.74 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.7 | 0.7 | -2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.2 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 644 | 18428314.76 | 5017979.49 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.7 | 0.7 | -2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.2 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 645 | 18428316.33 | 5017971.26 | 7.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.8 | 0.7 | -2.8 | 0.0 | 0.0 | 2.5 | 0.0 | 0.0 | 12.8 |

| 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 | Ahours | 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 | 18428305.31 | 5018013.64 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.8 | 0.7 | -2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.2 |

| 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 | Ahours | 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 | 18428318.17 | 5017952.06 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.9 | 0.8 | -2.7 | 0.0 | 0.0 | 4.8 | 0.0 | 0.0 | 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 | Ahours | 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 | 18428299.28 | 5018015.92 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.9 | 0.8 | -2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.1 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 649 | 18428294.16 | 5018018.31 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.0 | 0.8 | -2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.0 |

| 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 | Ahours | 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 | 18428290.29 | 5018019.79 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.1 | 0.8 | -2.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.9 |

| 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 | Ahours | 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 | 18428281.64 | 5018022.86 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.2 | 0.8 | -2.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.8 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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) |
| 652 | 18428276.29 | 5018024.91 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.3 | 0.8 | -2.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.7 |

| 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) |
| 653 | 18428268.20 | 5018020.70 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.5 | 0.8 | -2.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.6 |

Receiver
 Name: R2 - SW
 ID: R2
 X: 18428704.02 m
 Y: 5018045.96 m
 Z: 21.50 m

| Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12" | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|-------|------|------|------|-------|
| 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) |
| 7 | 18428737.08 | 5017746.25 | 13.28 | 0 | N | A | 93.0 | 0.0 | 0.0 | 0.0 | -1.8 | 60.6 | 1.1 | -2.2 | 0.0 | 0.0 | 5.6 | 0.0 | 0.0 | 26.1 |

| Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12" | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|-------|------|------|------|-------|
| 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) |
| 11 | 18428746.01 | 5017731.83 | 13.28 | 0 | DEN | A | 95.0 | 0.0 | 0.0 | 0.0 | -2.0 | 61.0 | 1.1 | -2.3 | 0.0 | 0.0 | 2.5 | 0.0 | 0.0 | 30.6 |

| Point Source, ISO 9613, Name: "HVAC", ID: "COMM3" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|-------|------|------|------|-------|
| 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) |
| 14 | 18428699.54 | 5017907.54 | 24.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 53.8 | 0.3 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 29.6 |

| Point Source, ISO 9613, Name: "HVAC - 8 Fan condenser", ID: "COMM12" | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|-------|------|------|------|-------|
| 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) |
| 18 | 18428740.63 | 5017731.08 | 13.28 | 0 | N | A | 92.0 | 0.0 | 0.0 | 0.0 | -1.8 | 61.0 | 1.1 | -2.3 | 0.0 | 0.0 | 4.8 | 0.0 | 0.0 | 25.5 |

| Point Source, ISO 9613, Name: "HVAC", ID: "COMM3" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|-------|------|------|------|-------|
| 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) |
| 22 | 18428681.78 | 5017905.82 | 24.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 54.0 | 0.3 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 29.3 |

| Point Source, ISO 9613, Name: "HVAC", ID: "COMM3" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|-------|------|------|------|-------|
| 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) |
| 24 | 18428702.65 | 5017890.37 | 24.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 54.8 | 0.3 | -1.8 | 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 | 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) |
| 29 | 18428689.10 | 5017741.69 | 13.28 | 0 | N | A | 90.8 | 0.0 | 0.0 | 0.0 | -1.7 | 60.7 | 1.1 | -2.2 | 0.0 | 0.0 | 13.8 | 0.0 | 0.0 | 15.8 |

| Point Source, ISO 9613, Name: "HVAC - 6 Fan condenser", ID: "COMM12" | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|-------|------|------|------|-------|
| 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) |
| 35 | 18428689.53 | 5017736.56 | 13.28 | 0 | N | A | 90.8 | 0.0 | 0.0 | 0.0 | -1.7 | 60.8 | 1.1 | -2.2 | 0.0 | 0.0 | 13.3 | 0.0 | 0.0 | 16.2 |

| Point Source, ISO 9613, Name: "HVAC", ID: "COMM3" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|-------|------|------|------|-------|
| 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) |
| 39 | 18428682.91 | 5017888.38 | 24.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 55.0 | 0.3 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.4 |

| Point Source, ISO 9613, Name: "HVAC", ID: "COMM2" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|-------|------|------|------|-------|
| 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) |
| 43 | 18428633.96 | 5017850.56 | 24.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.3 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.2 |

| Point Source, ISO 9613, Name: "HVAC", ID: "COMM2" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|-------|------|------|------|-------|
| 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) |
| 45 | 18428649.23 | 5017844.82 | 24.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.4 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.2 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428705.31 | 5017834.86 | 24.50 | 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: "COMM2" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | 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 | 18428680.43 | 5017833.35 | 24.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.6 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.0 |

| 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 | Ahours | 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 | 18428597.68 | 5017859.88 | 7.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.6 | 0.4 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.8 |

| 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 | Ahours | 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 | 18428821.02 | 5017862.97 | 7.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.8 | 0.4 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.9 |

| 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 | Ahours | 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 | 18428594.74 | 5017851.35 | 7.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.0 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.5 |

| 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 | Ahours | 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 | 18428892.54 | 5017969.58 | 7.00 | 0 | N | 500 | 84.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.2 | 0.4 | -1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.7 |

| 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 | Ahours | 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 | 18428805.03 | 5017838.98 | 7.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.3 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.3 |

| 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 | Ahours | 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 | 18428841.91 | 5017858.93 | 7.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.3 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.2 |

| 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 | Ahours | 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 | 18428894.25 | 5017964.34 | 7.00 | 0 | N | 500 | 84.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.3 | 0.4 | -1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.6 |

| 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 | Ahours | 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 | 18428897.28 | 5017970.44 | 7.00 | 0 | N | 500 | 84.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.4 | 0.4 | -1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.5 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 85 | 18428487.28 | 5017933.30 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.8 | 0.5 | -1.5 | 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 | Ahours | 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 | 18428700.89 | 5017915.62 | 24.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 53.3 | 0.3 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.1 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 90 | 18428464.74 | 5017941.84 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.3 | 0.5 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.7 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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) |
| 93 | 18428712.09 | 5017913.91 | 24.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 53.4 | 0.3 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.0 |

| 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) |
| 94 | 18428474.08 | 5017916.23 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.4 | 0.5 | -1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.6 |

| 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) |
| 95 | 18428442.21 | 5017950.92 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.9 | 0.5 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.2 |

| 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) |
| 100 | 18428471.35 | 5017890.96 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.9 | 0.5 | -1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.0 |

| 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) |
| 101 | 18428446.65 | 5017926.79 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.1 | 0.5 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.0 |

| 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) |
| 103 | 18428668.05 | 5017905.95 | 24.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 54.2 | 0.3 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.2 |

| 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) |
| 106 | 18428897.74 | 5017977.65 | 7.00 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.3 | 0.4 | -1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.4 |

| 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) |
| 108 | 18428448.70 | 5017899.84 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.4 | 0.6 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.7 |

| 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) |
| 110 | 18428419.44 | 5017959.12 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.5 | 0.6 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.8 |

| 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) |
| 117 | 18428666.47 | 5017900.99 | 24.30 | 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-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) |
| 120 | 18428898.84 | 5017963.19 | 7.00 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.5 | 0.4 | -1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.4 |

| 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) |
| 123 | 18428902.51 | 5017967.43 | 7.00 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.6 | 0.4 | -1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.3 |

| 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) |
| 126 | 18428582.19 | 5017867.77 | 7.50 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.7 | 0.4 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.8 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428906.84 | 5017971.92 | 7.00 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.7 | 0.4 | -1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.2 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 135 | 18428418.19 | 5017937.27 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.7 | 0.6 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.4 |

| 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 | Ahours | 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 | 18428907.15 | 5017970.27 | 7.00 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.7 | 0.4 | -1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.1 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 138 | 18428426.61 | 5017907.92 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.8 | 0.6 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.3 |

| 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 | Ahours | 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 | 18428581.98 | 5017862.54 | 7.50 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.9 | 0.4 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.6 |

| 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 | Ahours | 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 | 18428717.47 | 5017884.86 | 24.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 55.2 | 0.3 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.4 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 151 | 18428409.20 | 5017914.50 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.2 | 0.6 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.8 |

| 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 | Ahours | 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 | 18428388.47 | 5017971.04 | 9.00 | 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: "COMM3" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 159 | 18428669.77 | 5017885.85 | 24.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 55.3 | 0.3 | -1.8 | 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 | Ahours | 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 | 18429002.54 | 5017897.34 | 7.30 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.5 | 0.6 | -2.2 | 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 | Ahours | 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 | 18428381.42 | 5017951.61 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.5 | 0.6 | -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 | Ahours | 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 | 18429006.30 | 5017883.63 | 7.30 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.7 | 0.7 | -2.2 | 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 | Ahours | 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 | 18429022.86 | 5017913.85 | 7.30 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.8 | 0.7 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.7 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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) |
| 178 | 18428372.77 | 5017928.50 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.9 | 0.7 | -1.8 | 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) |
| 180 | 18429027.70 | 5017900.64 | 7.30 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.0 | 0.7 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.5 |

| 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) |
| 186 | 18428347.08 | 5017971.30 | 8.00 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.2 | 0.7 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.2 |

| 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) |
| 204 | 18428848.06 | 5017929.37 | 6.80 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.4 | 0.4 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.9 |

| 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) |
| 217 | 18428848.36 | 5017924.98 | 6.80 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.5 | 0.4 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.8 |

| 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) |
| 227 | 18428331.95 | 5017976.53 | 8.00 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.6 | 0.7 | -2.2 | 0.0 | 0.0 | 0.0 | 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) |
| 238 | 18428713.70 | 5017855.15 | 24.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.6 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.0 |

| 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) |
| 243 | 18428703.59 | 5017854.07 | 24.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.7 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.9 |

| 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) |
| 244 | 18428848.85 | 5017920.82 | 6.80 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.7 | 0.4 | -1.7 | 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) |
| 247 | 18428849.44 | 5017914.86 | 6.80 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.9 | 0.4 | -1.7 | 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) |
| 252 | 18428850.16 | 5017907.54 | 6.80 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.1 | 0.4 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.3 |

| 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) |
| 257 | 18428760.28 | 5017852.11 | 7.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.1 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.5 |
| 260 | 18428760.28 | 5017852.11 | 7.50 | 1 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.8 | 0.7 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 14.0 |

| 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) |
| 262 | 18428760.49 | 5017848.59 | 7.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.3 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.3 |
| 263 | 18428760.49 | 5017848.59 | 7.50 | 1 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.7 | 0.7 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 14.1 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 267 | 18428662.50 | 5017838.66 | 24.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.5 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 271 | 18428669.67 | 5017836.15 | 24.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.6 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.0 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 279 | 18428934.56 | 5017851.58 | 7.50 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.6 | 0.6 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.0 |

| 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 | Ahours | 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 | 18428887.23 | 5017932.10 | 8.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.7 | 0.4 | -1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.4 |

| 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 | Ahours | 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 | 18428591.15 | 5017861.68 | 7.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.7 | 0.4 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.8 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 295 | 18428887.32 | 5017929.83 | 8.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.7 | 0.4 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.4 |

| 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 | Ahours | 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 | 18428761.92 | 5017834.39 | 7.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.8 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.8 |
| 303 | 18428761.92 | 5017834.39 | 7.50 | 1 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.4 | 0.7 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 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 | Ahours | 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 | 18428951.37 | 5017855.48 | 7.50 | 0 | N | 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: "HVAC", ID: "COMM10" | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------------|------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | 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 | 18428520.21 | 5017922.90 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.9 | 0.4 | -1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.8 |

| 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 | Ahours | 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 | 18428706.38 | 5017824.46 | 24.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.9 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.7 |

| 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 | Ahours | 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 | 18428778.92 | 5017836.33 | 7.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.0 | 0.4 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.7 |

| 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 | Ahours | 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 | 18428761.92 | 5017830.74 | 7.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.0 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.6 |
| 323 | 18428761.92 | 5017830.74 | 7.50 | 1 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.3 | 0.7 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 14.5 |

| 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 | Ahours | 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 | 18428841.16 | 5017869.82 | 7.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.0 | 0.4 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.5 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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) |
| 330 | 18428888.39 | 5017919.08 | 7.80 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.0 | 0.4 | -1.7 | 0.0 | 0.0 | 0.0 | 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) |
| 338 | 18428937.81 | 5017832.61 | 7.50 | 0 | N | 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: "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) |
| 340 | 18428795.27 | 5017840.20 | 7.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.1 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.5 |

| 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) |
| 344 | 18428789.53 | 5017837.33 | 7.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.1 | 0.4 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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) |
| 348 | 18428716.57 | 5017819.80 | 24.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.1 | 0.4 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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) |
| 351 | 18428707.75 | 5017819.37 | 24.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.1 | 0.4 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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) |
| 357 | 18428685.52 | 5017819.15 | 24.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.1 | 0.4 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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) |
| 365 | 18428958.04 | 5017847.06 | 7.50 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.2 | 0.6 | -2.3 | 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) |
| 366 | 18428719.43 | 5017816.50 | 24.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.2 | 0.4 | -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) |
| 370 | 18428694.91 | 5017815.86 | 24.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.2 | 0.4 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.4 |

| 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) |
| 377 | 18428904.88 | 5017932.82 | 7.80 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.3 | 0.4 | -1.6 | 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) |
| 381 | 18428793.12 | 5017831.81 | 7.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.3 | 0.4 | -2.1 | 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) |
| 385 | 18428808.10 | 5017838.41 | 7.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.3 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.2 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428899.50 | 5017919.53 | 7.80 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.4 | 0.4 | -1.7 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 394 | 18428980.36 | 5017866.39 | 7.50 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.4 | 0.6 | -2.3 | 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 | Ahours | 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 | 18428823.59 | 5017845.15 | 7.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.4 | 0.5 | -2.1 | 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 | Ahours | 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 | 18428490.70 | 5017948.19 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.4 | 0.5 | -1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.5 |

| 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 | Ahours | 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 | 18428505.53 | 5017920.40 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.4 | 0.5 | -1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.4 |

| 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 | Ahours | 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 | 18428903.02 | 5017919.63 | 7.80 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.5 | 0.5 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.7 |

| 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 | Ahours | 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 | 18428987.32 | 5017867.93 | 7.50 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.5 | 0.6 | -2.2 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 412 | 18428468.84 | 5017956.84 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.0 | 0.5 | -1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.0 |

| 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 | Ahours | 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 | 18428900.89 | 5017974.32 | 6.50 | 0 | N | 500 | 77.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.4 | 0.4 | -1.2 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 416 | 18428494.60 | 5017884.88 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.4 | 0.5 | -1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.5 |

| 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 | Ahours | 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 | 18428900.89 | 5017972.84 | 6.50 | 0 | N | 500 | 77.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.5 | 0.4 | -1.2 | 0.0 | 0.0 | 0.0 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 420 | 18428901.09 | 5017971.24 | 6.50 | 0 | N | 500 | 77.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.5 | 0.4 | -1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.3 |

| 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 | Ahours | 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 | 18429075.97 | 5017987.35 | 25.00 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -2.0 | 62.5 | 0.7 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.8 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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) |
| 425 | 18428448.92 | 5017962.88 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.6 | 0.5 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.6 |

| 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) |
| 437 | 18429078.45 | 5017980.72 | 25.00 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -2.0 | 62.6 | 0.7 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.7 |

| 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) |
| 439 | 18428612.09 | 5017850.63 | 7.50 | 0 | N | 500 | 77.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.7 | 0.4 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.9 |

| 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) |
| 440 | 18428907.27 | 5017853.20 | 7.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.0 | 0.5 | -2.1 | 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) |
| 442 | 18428435.83 | 5017963.44 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.0 | 0.5 | -1.8 | 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) |
| 445 | 18428897.42 | 5017838.66 | 7.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.1 | 0.5 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.5 |

| 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) |
| 447 | 18428429.46 | 5017974.03 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.1 | 0.5 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.4 |

| 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) |
| 451 | 18428421.15 | 5017969.02 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.3 | 0.6 | -2.1 | 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) |
| 454 | 18428701.29 | 5017812.92 | 24.50 | 0 | N | 500 | 77.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.4 | 0.4 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.3 |

| 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) |
| 457 | 18428450.57 | 5017888.05 | 9.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.5 | 0.6 | -1.5 | 0.0 | 0.0 | 0.0 | 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) |
| 462 | 18428920.82 | 5017840.47 | 7.30 | 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: "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) |
| 465 | 18428899.14 | 5017819.42 | 7.30 | 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: "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) |
| 467 | 18428412.04 | 5017972.32 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.6 | 0.6 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.8 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428401.12 | 5017976.88 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.9 | 0.6 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.6 |

| 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 | Ahours | 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 | 18428398.38 | 5017979.15 | 9.50 | 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 | 16.6 |

| 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 | Ahours | 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 | 18428922.00 | 5017821.49 | 7.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.9 | 0.6 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | Ahours | 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 | 18428901.04 | 5017798.82 | 7.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.0 | 0.6 | -2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.7 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 484 | 18428393.15 | 5017987.92 | 9.50 | 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: "COMM6" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 488 | 18428986.72 | 5017891.71 | 7.30 | 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-Walmart", ID: "COMM10" | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------------|------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | 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 | 18428386.01 | 5017991.81 | 9.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.2 | 0.6 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.5 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 492 | 18428923.71 | 5017802.88 | 7.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.3 | 0.6 | -2.4 | 0.0 | 0.0 | 0.0 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 493 | 18428935.28 | 5017811.47 | 7.30 | 0 | 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 | 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 | Ahours | 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 | 18429014.15 | 5017916.12 | 7.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.5 | 0.6 | -2.1 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 501 | 18428390.94 | 5017911.93 | 9.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.6 | 0.7 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.4 |

| 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 | Ahours | 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 | 18428339.80 | 5017952.97 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.5 | 0.7 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.8 |

| 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 | Ahours | 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 | 18428331.03 | 5017989.74 | 8.00 | 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 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428332.63 | 5017940.79 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.7 | 0.7 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.6 |

| 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 | Ahours | 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 | 18428324.43 | 5017959.46 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.8 | 0.8 | -2.1 | 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 | Ahours | 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 | 18428317.60 | 5017988.03 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.8 | 0.8 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.6 |

| 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 | Ahours | 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 | 18428315.90 | 5017992.01 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.9 | 0.8 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.6 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 524 | 18428313.51 | 5017997.02 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.9 | 0.8 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.6 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 526 | 18428316.58 | 5017975.74 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.9 | 0.8 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.6 |

| 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 | Ahours | 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 | 18428312.60 | 5017999.30 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.9 | 0.8 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.6 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 531 | 18428316.33 | 5017971.26 | 7.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.9 | 0.8 | -2.2 | 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 | Ahours | 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 | 18428314.76 | 5017979.49 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.9 | 0.8 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.6 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 540 | 18428309.86 | 5018004.31 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.0 | 0.8 | -2.3 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 542 | 18428318.17 | 5017952.06 | 8.00 | 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 | 14.3 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 549 | 18428305.31 | 5018013.64 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.0 | 0.8 | -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 | Ahours | 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 | 18428299.28 | 5018015.92 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.2 | 0.8 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.3 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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) |
| 554 | 18428294.16 | 5018018.31 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.3 | 0.8 | -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) |
| 556 | 18428290.29 | 5018019.79 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.4 | 0.8 | -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) |
| 559 | 18428281.64 | 5018022.86 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.5 | 0.8 | -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) |
| 560 | 18428276.29 | 5018024.91 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.6 | 0.8 | -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) |
| 562 | 18428268.20 | 5018020.70 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.8 | 0.8 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 13.6 |

Receiver
 Name: R3 - SE
 ID: R3
 X: 18428825.94 m
 Y: 5018055.55 m
 Z: 21.50 m

| 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) | |
| 3 | 18428892.54 | 5017969.58 | 7.00 | 0 | N | 500 | 84.0 | 0.0 | 0.0 | 0.0 | -3.0 | 51.8 | 0.2 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30.6 |

| 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 | 52.0 | 0.2 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30.4 |

| 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) | |
| 8 | 18428737.08 | 5017746.25 | 13.28 | 0 | N | A | 93.0 | 0.0 | 0.0 | 0.0 | -2.1 | 61.2 | 1.1 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30.8 |

| 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) | |
| 15 | 18428894.25 | 5017964.34 | 7.00 | 0 | N | 500 | 84.0 | 0.0 | 0.0 | 0.0 | -3.0 | 52.2 | 0.2 | -1.8 | 0.0 | 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) | |
| 20 | 18428746.01 | 5017731.83 | 13.28 | 0 | DEN | A | 95.0 | 0.0 | 0.0 | 0.0 | -2.1 | 61.5 | 1.2 | -2.3 | 0.0 | 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) | |
| 26 | 18428740.63 | 5017731.08 | 13.28 | 0 | N | A | 92.0 | 0.0 | 0.0 | 0.0 | -2.1 | 61.5 | 1.2 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 29.5 |

| 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) | |
| 31 | 18428897.74 | 5017977.65 | 7.00 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | 0.0 | 51.6 | 0.2 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 31.9 |

| 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) | |
| 34 | 18428906.84 | 5017971.92 | 7.00 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52.4 | 0.2 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 31.1 |

| 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) | |
| 38 | 18428902.51 | 5017967.43 | 7.00 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 52.4 | 0.2 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 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) | |
| 42 | 18428898.84 | 5017963.19 | 7.00 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 52.5 | 0.2 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.0 |

| 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) | |
| 47 | 18428907.15 | 5017970.27 | 7.00 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52.5 | 0.2 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 31.1 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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) |
| 52 | 18428689.10 | 5017741.69 | 13.28 | 0 | N | A | 90.8 | 0.0 | 0.0 | 0.0 | -1.7 | 61.7 | 1.2 | -2.2 | 0.0 | 0.0 | 9.3 | 0.0 | 0.0 | 19.2 |

| 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) |
| 56 | 18428689.53 | 5017736.56 | 13.28 | 0 | N | A | 90.8 | 0.0 | 0.0 | 0.0 | -1.7 | 61.8 | 1.2 | -2.2 | 0.0 | 0.0 | 8.1 | 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) |
| 60 | 18428821.02 | 5017862.97 | 7.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.7 | 0.4 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.8 |

| 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) |
| 68 | 18428699.54 | 5017907.54 | 24.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.8 | 0.4 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.6 |

| 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) |
| 73 | 18428841.91 | 5017858.93 | 7.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.9 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.7 |

| 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) |
| 78 | 18428702.65 | 5017890.37 | 24.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.3 | 0.4 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.1 |

| 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) |
| 84 | 18428681.78 | 5017905.82 | 24.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.4 | 0.4 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.9 |

| 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) |
| 96 | 18428805.03 | 5017838.98 | 7.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.8 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.8 |

| 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) |
| 104 | 18428682.91 | 5017888.38 | 24.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.8 | 0.4 | -1.8 | 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) |
| 107 | 18429002.54 | 5017897.34 | 7.30 | 0 | N | 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 | 25.4 |

| 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) |
| 109 | 18429022.86 | 5017913.85 | 7.30 | 0 | N | 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 |

| 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) |
| 114 | 18429006.30 | 5017883.63 | 7.30 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.9 | 0.5 | -2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.0 |

| 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) |
| 115 | 18428705.31 | 5017834.86 | 24.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.0 | 0.5 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.6 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18429027.70 | 5017900.64 | 7.30 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.1 | 0.5 | -2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.8 |

| 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 | Ahours | 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 | 18428848.06 | 5017929.37 | 6.80 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 53.2 | 0.2 | -1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.0 |

| 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 | Ahours | 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 | 18428680.43 | 5017833.35 | 24.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.5 | 0.5 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.0 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 129 | 18428848.36 | 5017924.98 | 6.80 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 53.5 | 0.3 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.8 |

| 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 | Ahours | 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 | 18428848.85 | 5017920.82 | 6.80 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 53.8 | 0.3 | -1.6 | 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 | Ahours | 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 | 18428649.23 | 5017844.82 | 24.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.8 | 0.5 | -2.0 | 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 | Ahours | 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 | 18428887.23 | 5017932.10 | 8.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 53.8 | 0.3 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.7 |

| 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 | Ahours | 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 | 18428900.89 | 5017974.32 | 6.50 | 0 | N | 500 | 77.0 | 0.0 | 0.0 | 0.0 | 0.0 | 51.9 | 0.2 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.5 |

| 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 | Ahours | 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 | 18428887.32 | 5017929.83 | 8.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 54.0 | 0.3 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.5 |

| 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 | Ahours | 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 | 18428633.96 | 5017850.56 | 24.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.0 | 0.5 | -2.0 | 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 | Ahours | 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 | 18428900.89 | 5017972.84 | 6.50 | 0 | N | 500 | 77.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52.0 | 0.2 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.4 |

| 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 | Ahours | 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 | 18428849.44 | 5017914.86 | 6.80 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 54.1 | 0.3 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.3 |

| 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 | Ahours | 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 | 18428901.09 | 5017971.24 | 6.50 | 0 | N | 500 | 77.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52.1 | 0.2 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.3 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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) |
| 176 | 18428904.88 | 5017932.82 | 7.80 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 54.3 | 0.3 | -2.0 | 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) |
| 184 | 18428850.16 | 5017907.54 | 6.80 | 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 | 22.9 |

| 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) |
| 188 | 18428888.39 | 5017919.08 | 7.80 | 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: "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) |
| 195 | 18428597.68 | 5017859.88 | 7.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.6 | 0.6 | -2.0 | 0.0 | 0.0 | 4.5 | 0.0 | 0.0 | 18.3 |

| 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) |
| 199 | 18428594.74 | 5017851.35 | 7.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.8 | 0.6 | -2.1 | 0.0 | 0.0 | 7.6 | 0.0 | 0.0 | 15.1 |

| 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 | 18428899.50 | 5017919.53 | 7.80 | 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 | 22.8 |

| 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) |
| 210 | 18428903.02 | 5017919.63 | 7.80 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 54.9 | 0.3 | -2.0 | 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) |
| 220 | 18428934.56 | 5017851.58 | 7.50 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.3 | 0.4 | -2.2 | 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) |
| 224 | 18428951.37 | 5017855.48 | 7.50 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.5 | 0.5 | -2.3 | 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) |
| 230 | 18428980.36 | 5017866.39 | 7.50 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.8 | 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) |
| 235 | 18428958.04 | 5017847.06 | 7.50 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.9 | 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) |
| 237 | 18428987.32 | 5017867.93 | 7.50 | 0 | N | 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: "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) |
| 249 | 18428937.81 | 5017832.61 | 7.50 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.0 | 0.5 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.7 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 251 | 18428487.28 | 5017933.30 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.1 | 0.7 | -1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.1 |

| 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 | Ahours | 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 | 18428712.09 | 5017913.91 | 24.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.2 | 0.4 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.1 |

| 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 | Ahours | 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 | 18429075.97 | 5017987.35 | 25.00 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -2.0 | 59.3 | 0.5 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.0 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 258 | 18429078.45 | 5017980.72 | 25.00 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -2.0 | 59.4 | 0.5 | -1.9 | 0.0 | 0.0 | 0.0 | 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 | Ahours | 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 | 18428841.16 | 5017869.82 | 7.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.4 | 0.4 | -1.9 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 265 | 18428700.89 | 5017915.62 | 24.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.5 | 0.4 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.8 |

| 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 | Ahours | 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 | 18428474.08 | 5017916.23 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.6 | 0.7 | -1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.9 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 277 | 18428464.74 | 5017941.84 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.6 | 0.7 | -1.1 | 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 | Ahours | 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 | 18428471.35 | 5017890.96 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.8 | 0.8 | -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 | Ahours | 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 | 18428442.21 | 5017950.92 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.0 | 0.8 | -1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.4 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 291 | 18428446.65 | 5017926.79 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.1 | 0.8 | -1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.4 |

| 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 | Ahours | 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 | 18428717.47 | 5017884.86 | 24.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.1 | 0.4 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.3 |

| 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 | Ahours | 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 | 18428448.70 | 5017899.84 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.2 | 0.8 | -1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.4 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428419.44 | 5017959.12 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.4 | 0.8 | -1.3 | 0.0 | 0.0 | 0.0 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 301 | 18428823.59 | 5017845.15 | 7.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.5 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 309 | 18428418.19 | 5017937.27 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.6 | 0.8 | -1.3 | 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 | Ahours | 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 | 18428426.61 | 5017907.92 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.6 | 0.8 | -1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 314 | 18428760.28 | 5017852.11 | 7.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.6 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.0 |
| 318 | 18428760.28 | 5017852.11 | 7.50 | 1 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.0 | 0.5 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 320 | 18428760.49 | 5017848.59 | 7.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.7 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.8 |
| 325 | 18428760.49 | 5017848.59 | 7.50 | 1 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.1 | 0.5 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 17.4 |

| 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 | Ahours | 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 | 18428668.05 | 5017905.95 | 24.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.8 | 0.4 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.5 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 331 | 18428795.27 | 5017840.20 | 7.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.8 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.9 |
| 335 | 18428795.27 | 5017840.20 | 7.50 | 1 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.1 | 0.5 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 16.5 |

| 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 | Ahours | 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 | 18428582.19 | 5017867.77 | 7.50 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | 0.0 | 60.8 | 0.6 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.6 |

| 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 | Ahours | 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 | 18428808.10 | 5017838.41 | 7.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.8 | 0.4 | -2.0 | 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 | Ahours | 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 | 18428907.27 | 5017853.20 | 7.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.8 | 0.4 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.6 |

| 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 | Ahours | 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 | 18428581.98 | 5017862.54 | 7.50 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | 0.0 | 60.9 | 0.6 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.5 |

| 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 | Ahours | 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 | 18428409.20 | 5017914.50 | 9.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.9 | 0.8 | -1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.7 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428789.53 | 5017837.33 | 7.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.9 | 0.4 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.7 |
| 363 | 18428789.53 | 5017837.33 | 7.50 | 1 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.0 | 0.5 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 368 | 18428666.47 | 5017900.99 | 24.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 57.9 | 0.4 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.3 |

| 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 | Ahours | 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 | 18428388.47 | 5017971.04 | 9.00 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 64.0 | 0.9 | -1.6 | 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 | Ahours | 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 | 18428778.92 | 5017836.33 | 7.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.0 | 0.4 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.6 |
| 378 | 18428778.92 | 5017836.33 | 7.50 | 1 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.8 | 0.5 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 16.8 |

| 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 | Ahours | 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 | 18428793.12 | 5017831.81 | 7.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.1 | 0.4 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.5 |
| 390 | 18428793.12 | 5017831.81 | 7.50 | 1 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.2 | 0.6 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 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 | Ahours | 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 | 18428897.42 | 5017838.66 | 7.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.2 | 0.4 | -1.6 | 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 | Ahours | 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 | 18428381.42 | 5017951.61 | 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: "COMM2" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|-------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | 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 | 18428713.70 | 5017855.15 | 24.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.2 | 0.4 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.4 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 408 | 18428986.72 | 5017891.71 | 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 | 0.0 | 0.0 | 0.0 | 19.7 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 411 | 18428669.77 | 5017885.85 | 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 | 19.1 |

| 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 | Ahours | 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 | 18428761.92 | 5017834.39 | 7.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.3 | 0.4 | -2.0 | 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 | Ahours | 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 | 18428761.92 | 5017830.74 | 7.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.4 | 0.5 | -2.0 | 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 | Ahours | 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 | 18429014.15 | 5017916.12 | 7.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.4 | 0.5 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.5 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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) |
| 431 | 18428920.82 | 5017840.47 | 7.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.4 | 0.5 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.1 |

| 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) |
| 436 | 18428703.59 | 5017854.07 | 24.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.4 | 0.5 | -1.9 | 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) |
| 443 | 18428372.77 | 5017928.50 | 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 | 18.2 |

| 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) |
| 446 | 18428347.08 | 5017971.30 | 8.00 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 64.7 | 0.9 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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) |
| 449 | 18428899.14 | 5017819.42 | 7.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.9 | 0.5 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.4 |

| 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) |
| 453 | 18428331.95 | 5017976.53 | 8.00 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 65.0 | 1.0 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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) |
| 456 | 18428922.00 | 5017821.49 | 7.30 | 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: "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) |
| 459 | 18428716.57 | 5017819.80 | 24.50 | 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: "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 | 18428706.38 | 5017824.46 | 24.50 | 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: "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) |
| 469 | 18428719.43 | 5017816.50 | 24.50 | 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: "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) |
| 475 | 18428707.75 | 5017819.37 | 24.50 | 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) |
| 485 | 18428935.28 | 5017811.47 | 7.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.6 | 0.5 | -2.2 | 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) |
| 487 | 18428901.04 | 5017798.82 | 7.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.6 | 0.5 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.8 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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) |
| 491 | 18428669.67 | 5017836.15 | 24.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.6 | 0.5 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.9 |

| 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) |
| 503 | 18428923.71 | 5017802.88 | 7.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.7 | 0.5 | -2.0 | 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) |
| 506 | 18428662.50 | 5017838.66 | 24.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.7 | 0.5 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.8 |

| 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) |
| 512 | 18428694.91 | 5017815.86 | 24.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.7 | 0.5 | -2.2 | 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) |
| 522 | 18428685.52 | 5017819.15 | 24.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.8 | 0.5 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.7 |

| 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) |
| 557 | 18428591.15 | 5017861.68 | 7.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.7 | 0.6 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.7 |

| 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) |
| 561 | 18428520.21 | 5017922.90 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.5 | 0.6 | -1.2 | 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) |
| 563 | 18428701.29 | 5017812.92 | 24.50 | 0 | N | 500 | 77.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.7 | 0.5 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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) |
| 564 | 18428505.53 | 5017920.40 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.8 | 0.7 | -1.2 | 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) |
| 565 | 18428490.70 | 5017948.19 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 61.9 | 0.7 | -1.1 | 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) |
| 566 | 18428468.84 | 5017956.84 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.4 | 0.7 | -1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.0 |

| 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) |
| 568 | 18428494.60 | 5017884.88 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.4 | 0.7 | -1.6 | 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) |
| 572 | 18428448.92 | 5017962.88 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 62.8 | 0.7 | -1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 13.7 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 573 | 18428435.83 | 5017963.44 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.1 | 0.8 | -1.2 | 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 | Ahours | 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 | 18428429.46 | 5017974.03 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.1 | 0.8 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 13.7 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 576 | 18428450.57 | 5017888.05 | 9.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.3 | 0.8 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 13.6 |

| 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 | Ahours | 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 | 18428421.15 | 5017969.02 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.3 | 0.8 | -1.5 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 579 | 18428412.04 | 5017972.32 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.5 | 0.8 | -1.6 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 580 | 18428401.12 | 5017976.88 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.7 | 0.8 | -1.8 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 582 | 18428398.38 | 5017979.15 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.8 | 0.8 | -2.1 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 584 | 18428393.15 | 5017987.92 | 9.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 63.8 | 0.8 | -2.2 | 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 | Ahours | 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 | 18428386.01 | 5017991.81 | 9.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 64.0 | 0.9 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 13.4 |

| 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 | Ahours | 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 | 18428390.94 | 5017911.93 | 9.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 64.2 | 0.9 | -1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12.5 |

| 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 | Ahours | 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 | 18428339.80 | 5017952.97 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 64.9 | 1.0 | -1.9 | 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 | Ahours | 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 | 18428331.03 | 5017989.74 | 8.00 | 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", ID: "COMM11" | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------------|------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 595 | 18428332.63 | 5017940.79 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 65.1 | 1.0 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.8 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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) |
| 597 | 18428324.43 | 5017959.46 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 65.2 | 1.0 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.6 |

| 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) |
| 599 | 18428317.60 | 5017988.03 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 65.2 | 1.0 | -2.3 | 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) |
| 601 | 18428315.90 | 5017992.01 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 65.2 | 1.0 | -2.3 | 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) |
| 602 | 18428316.58 | 5017975.74 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 65.2 | 1.0 | -2.2 | 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) |
| 604 | 18428313.51 | 5017997.02 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 65.3 | 1.0 | -2.3 | 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) |
| 607 | 18428312.60 | 5017999.30 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 65.3 | 1.0 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12.1 |

| 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) |
| 609 | 18428316.33 | 5017971.26 | 7.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 65.3 | 1.0 | -2.2 | 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) |
| 611 | 18428314.76 | 5017979.49 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 65.3 | 1.0 | -2.2 | 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) |
| 613 | 18428318.17 | 5017952.06 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 65.3 | 1.0 | -1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.6 |

| 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) |
| 615 | 18428309.86 | 5018004.31 | 8.00 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 65.3 | 1.0 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12.0 |

Receiver
 Name: R4 - NE
 ID: R4
 X: 18428839.67 m
 Y: 5018096.78 m
 Z: 21.50 m

| 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) |
| 6 | 18428737.08 | 5017746.25 | 13.28 | 0 | N | A | 93.0 | 0.0 | 0.0 | 0.0 | -1.6 | 62.3 | 1.2 | -2.3 | 0.0 | 0.0 | 14.2 | 0.0 | 0.0 | 15.9 |

| 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) |
| 10 | 18428746.01 | 5017731.83 | 13.28 | 0 | DEN | A | 95.0 | 0.0 | 0.0 | 0.0 | -1.6 | 62.5 | 1.3 | -2.3 | 0.0 | 0.0 | 13.7 | 0.0 | 0.0 | 18.2 |

| 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) |
| 12 | 18428892.54 | 5017969.58 | 7.00 | 0 | N | 500 | 84.0 | 0.0 | 0.0 | 0.0 | -3.0 | 53.8 | 0.3 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.6 |

| 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) |
| 16 | 18428897.28 | 5017970.44 | 7.00 | 0 | N | 500 | 84.0 | 0.0 | 0.0 | 0.0 | -3.0 | 53.9 | 0.3 | -1.8 | 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) |
| 19 | 18428894.25 | 5017964.34 | 7.00 | 0 | N | 500 | 84.0 | 0.0 | 0.0 | 0.0 | -3.0 | 54.2 | 0.3 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.3 |

| 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) |
| 25 | 18428740.63 | 5017731.08 | 13.28 | 0 | N | A | 92.0 | 0.0 | 0.0 | 0.0 | -1.6 | 62.6 | 1.3 | -2.3 | 0.0 | 0.0 | 13.9 | 0.0 | 0.0 | 14.9 |

| 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) |
| 28 | 18428897.74 | 5017977.65 | 7.00 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | 0.0 | 53.5 | 0.3 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30.3 |

| 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) |
| 41 | 18428906.84 | 5017971.92 | 7.00 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | 0.0 | 54.1 | 0.3 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 29.7 |

| 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) |
| 44 | 18428907.15 | 5017970.27 | 7.00 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | 0.0 | 54.2 | 0.3 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 29.6 |

| 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) |
| 49 | 18428902.51 | 5017967.43 | 7.00 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 54.2 | 0.3 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.6 |

| 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) |
| 54 | 18428898.84 | 5017963.19 | 7.00 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 54.3 | 0.3 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.2 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 58 | 18428821.02 | 5017862.97 | 7.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.4 | 0.5 | -2.1 | 0.0 | 0.0 | 11.1 | 0.0 | 0.0 | 14.1 |

| 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 | Ahours | 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 | 18428841.91 | 5017858.93 | 7.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.5 | 0.5 | -2.1 | 0.0 | 0.0 | 7.1 | 0.0 | 0.0 | 18.0 |

| 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 | Ahours | 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 | 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: "COMM6" | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------------|------|-------|-----|-------|-------|-----|--------|------|------|------|------|------|------|--------|------|------|------|-------|
| Nr. | X | Y | Z | Refl. | DEN | Freq. | Lw | l/a | Optime | K0 | Di | Adiv | Aatm | Agr | Afol | Ahours | 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 | 18429022.86 | 5017913.85 | 7.30 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.3 | 0.5 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.5 |

| 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 | Ahours | 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 | 18428805.03 | 5017838.98 | 7.50 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.3 | 0.5 | -2.1 | 0.0 | 0.0 | 12.8 | 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 | Ahours | 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 | 18429006.30 | 5017883.63 | 7.30 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.7 | 0.5 | -2.4 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 98 | 18429027.70 | 5017900.64 | 7.30 | 0 | N | 500 | 85.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.7 | 0.5 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.1 |

| 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 | Ahours | 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 | 18428848.06 | 5017929.37 | 6.80 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 55.5 | 0.3 | -1.7 | 0.0 | 0.0 | 4.9 | 0.0 | 0.0 | 17.0 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 119 | 18428887.23 | 5017932.10 | 8.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 55.7 | 0.3 | -2.5 | 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 | Ahours | 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 | 18428848.36 | 5017924.98 | 6.80 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 55.7 | 0.3 | -1.8 | 0.0 | 0.0 | 4.9 | 0.0 | 0.0 | 16.8 |

| 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 | Ahours | 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 | 18428900.89 | 5017974.32 | 6.50 | 0 | N | 500 | 77.0 | 0.0 | 0.0 | 0.0 | 0.0 | 53.8 | 0.3 | -2.1 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 133 | 18428887.32 | 5017929.83 | 8.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 55.8 | 0.3 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.4 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 140 | 18428900.89 | 5017972.84 | 6.50 | 0 | N | 500 | 77.0 | 0.0 | 0.0 | 0.0 | 0.0 | 53.9 | 0.3 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.9 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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) |
| 141 | 18428848.85 | 5017920.82 | 6.80 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.0 | 0.3 | -1.8 | 0.0 | 0.0 | 4.8 | 0.0 | 0.0 | 16.7 |

| 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) |
| 145 | 18428901.09 | 5017971.24 | 6.50 | 0 | N | 500 | 77.0 | 0.0 | 0.0 | 0.0 | 0.0 | 54.0 | 0.3 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.9 |

| 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) |
| 148 | 18428904.88 | 5017932.82 | 7.80 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.0 | 0.3 | -2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.7 |

| 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) |
| 154 | 18428849.44 | 5017914.86 | 6.80 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.2 | 0.4 | -1.8 | 0.0 | 0.0 | 4.7 | 0.0 | 0.0 | 16.5 |

| 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) |
| 160 | 18429075.97 | 5017987.35 | 25.00 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -2.0 | 59.3 | 0.5 | -2.0 | 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) |
| 163 | 18428888.39 | 5017919.08 | 7.80 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.3 | 0.4 | -2.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.0 |

| 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) |
| 170 | 18428934.56 | 5017851.58 | 7.50 | 0 | N | 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: "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) |
| 173 | 18428899.50 | 5017919.53 | 7.80 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.5 | 0.4 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.4 |

| 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) |
| 177 | 18429078.45 | 5017980.72 | 25.00 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -2.0 | 59.5 | 0.5 | -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) |
| 179 | 18428951.37 | 5017855.48 | 7.50 | 0 | N | 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: "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 | 18428903.02 | 5017919.63 | 7.80 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.5 | 0.4 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.3 |

| 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) |
| 185 | 18428850.16 | 5017907.54 | 6.80 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 56.6 | 0.4 | -1.8 | 0.0 | 0.0 | 4.7 | 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) |
| 189 | 18428980.36 | 5017866.39 | 7.50 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.6 | 0.5 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.2 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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 | Ahours | 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 | 18428987.32 | 5017867.93 | 7.50 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.7 | 0.5 | -2.4 | 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 194 | 18428958.04 | 5017847.06 | 7.50 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.8 | 0.5 | -2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.9 |

| 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 | Ahours | 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 | 18428937.81 | 5017832.61 | 7.50 | 0 | N | 500 | 82.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.0 | 0.5 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.7 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 222 | 18428841.16 | 5017869.82 | 7.50 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 58.1 | 0.4 | -2.1 | 0.0 | 0.0 | 7.3 | 0.0 | 0.0 | 12.2 |

| 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 | Ahours | 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 | 18429014.15 | 5017916.12 | 7.30 | 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 | 18.8 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 264 | 18428986.72 | 5017891.71 | 7.30 | 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 | 18.8 |

| 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 | Ahours | 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 | 18428907.27 | 5017853.20 | 7.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.1 | 0.5 | -2.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.1 |

| 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 | Ahours | 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 | 18428897.42 | 5017838.66 | 7.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.5 | 0.5 | -2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.7 |

| 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 | Ahours | 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 | 18428920.82 | 5017840.47 | 7.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 59.6 | 0.5 | -2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | Ahours | 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 | 18428899.14 | 5017819.42 | 7.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.1 | 0.5 | -2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.1 |

| 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 | Ahours | 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 | 18428922.00 | 5017821.49 | 7.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.2 | 0.6 | -2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.7 |

| 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 | Ahours | 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 | 18428935.28 | 5017811.47 | 7.30 | 0 | N | 500 | 79.0 | 0.0 | 0.0 | 0.0 | -3.0 | 60.6 | 0.6 | -2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.2 |

| 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 | Ahours | Abar | Cmet | RL | Lr |
| | (m) | (m) | (m) | | | (Hz) | dB(A) | dB | dB | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | (dB) | dB(A) |
| 382 | 18428901.04 | 5017798.82 | 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 | 17.4 |

NIGHTTIME - OFFSITE - MECHANICAL SOURCES

| 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) |
| 395 | 18428923.71 | 5017802.88 | 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 |

DAYTIME - IMPULSE SOUND LEVELS (UNLOADING TRUCKS)

Receiver

Name: R1 - NW
 ID: R1
 X: 18428684.93 m
 Y: 5018088.99 m
 Z: 21.50 m

Point Source, ISO 9613, Name: "Walmart - Unloading", ID: "WAL_IMP"

| 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) |
| 1 | 18428504.33 | 5017955.73 | 2.00 | 0 | DEN | 500 | 106.0 | 0.0 | 0.0 | 0.0 | 0.0 | 58.1 | 0.4 | 0.1 | 0.0 | 0.0 | 8.3 | 0.0 | 0.0 | 39.0 |

Point Source, ISO 9613, Name: "Best Buy Unloading", ID: "BB_IMP"

| 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) |
| 2 | 18428659.43 | 5017889.80 | 2.00 | 0 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.1 | 0.4 | -1.7 | 0.0 | 0.0 | 4.8 | 0.0 | 0.0 | 38.4 |
| 5 | 18428659.43 | 5017889.80 | 2.00 | 1 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 59.9 | 0.5 | -2.2 | 0.0 | 0.0 | 25.0 | 0.0 | 1.0 | 14.8 |
| 8 | 18428659.43 | 5017889.80 | 2.00 | 1 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.2 | 0.4 | -1.7 | 0.0 | 0.0 | 24.6 | 0.0 | 1.0 | 17.5 |

Point Source, ISO 9613, Name: "Unloading", ID: "BBQ_IMP"

| 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) |
| 11 | 18428673.61 | 5017845.73 | 2.00 | 0 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 58.8 | 0.5 | -2.2 | 0.0 | 0.0 | 22.7 | 0.0 | 0.0 | 19.2 |
| 13 | 18428673.61 | 5017845.73 | 2.00 | 1 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 59.0 | 0.5 | -2.2 | 0.0 | 0.0 | 25.0 | 0.0 | 1.0 | 15.8 |

Point Source, ISO 9613, Name: "Golf Town Unloading", ID: "GT_IMP"

| 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) |
| 17 | 18428786.41 | 5017858.07 | 2.00 | 0 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 59.1 | 0.5 | -2.2 | 0.0 | 0.0 | 14.6 | 0.0 | 0.0 | 27.0 |
| 23 | 18428786.41 | 5017858.07 | 2.00 | 1 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 59.8 | 0.5 | -2.2 | 0.0 | 0.0 | 17.6 | 0.0 | 1.0 | 22.3 |

Point Source, ISO 9613, Name: "Active Sports - Unloading", ID: "AS_IMP"

| 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) |
| 30 | 18428325.81 | 5018001.34 | 2.00 | 0 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 62.4 | 0.7 | -1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 37.1 |
| 32 | 18428325.81 | 5018001.34 | 2.00 | 1 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 62.6 | 0.7 | -1.8 | 0.0 | 0.0 | 9.2 | 0.0 | 1.0 | 27.3 |

DAYTIME - IMPULSE SOUND LEVELS (UNLOADING TRUCKS)

Receiver

Name: R2 - SW
 ID: R2
 X: 18428704.02 m
 Y: 5018045.96 m
 Z: 21.50 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) |
| 3 | 18428504.33 | 5017955.73 | 2.00 | 0 | DEN | 500 | 106.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.8 | 0.4 | 0.1 | 0.0 | 0.0 | 11.3 | 0.0 | 0.0 | 36.3 |

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) |
| 6 | 18428659.43 | 5017889.80 | 2.00 | 0 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 55.3 | 0.3 | -1.6 | 0.0 | 0.0 | 11.7 | 0.0 | 0.0 | 33.3 |
| 10 | 18428659.43 | 5017889.80 | 2.00 | 1 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 55.4 | 0.3 | -1.6 | 0.0 | 0.0 | 25.0 | 0.0 | 1.0 | 18.8 |

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) |
| 15 | 18428673.61 | 5017845.73 | 2.00 | 0 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.2 | 0.4 | -2.1 | 0.0 | 0.0 | 23.4 | 0.0 | 0.0 | 20.1 |
| 20 | 18428673.61 | 5017845.73 | 2.00 | 1 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.4 | 0.4 | -2.1 | 0.0 | 0.0 | 25.0 | 0.0 | 1.0 | 17.3 |

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) |
| 29 | 18428786.41 | 5017858.07 | 2.00 | 0 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.3 | 0.4 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 43.5 |
| 33 | 18428786.41 | 5017858.07 | 2.00 | 1 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 58.2 | 0.4 | -2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 41.6 |

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) |
| 35 | 18428325.81 | 5018001.34 | 2.00 | 0 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 62.6 | 0.7 | -1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 37.4 |
| 37 | 18428325.81 | 5018001.34 | 2.00 | 1 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 62.8 | 0.8 | -2.3 | 0.0 | 0.0 | 9.6 | 0.0 | 1.0 | 27.1 |

DAYTIME - IMPULSE SOUND LEVELS (UNLOADING TRUCKS)

Receiver

Name: R3 - SE
 ID: R3
 X: 18428825.94 m
 Y: 5018055.55 m
 Z: 21.50 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 | 61.6 | 0.7 | -0.1 | 0.0 | 0.0 | 12.6 | 0.0 | 0.0 | 31.3 |

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 | 57.1 | 0.4 | -2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 43.6 |

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) |
| 14 | 18428659.43 | 5017889.80 | 2.00 | 0 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 58.4 | 0.5 | -2.0 | 0.0 | 0.0 | 20.7 | 0.0 | 0.0 | 21.4 |
| 18 | 18428659.43 | 5017889.80 | 2.00 | 1 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 58.5 | 0.5 | -2.0 | 0.0 | 0.0 | 25.0 | 0.0 | 1.0 | 16.0 |

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) |
| 21 | 18428673.61 | 5017845.73 | 2.00 | 0 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 59.3 | 0.5 | -2.1 | 0.0 | 0.0 | 24.5 | 0.0 | 0.0 | 16.9 |
| 25 | 18428673.61 | 5017845.73 | 2.00 | 1 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 59.5 | 0.5 | -2.1 | 0.0 | 0.0 | 24.2 | 0.0 | 1.0 | 16.0 |
| 27 | 18428673.61 | 5017845.73 | 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 | 19.2 | 0.0 | 2.0 | 18.2 |
| 31 | 18428673.61 | 5017845.73 | 2.00 | 3 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 61.3 | 0.6 | -2.2 | 0.0 | 0.0 | 19.0 | 0.0 | 3.0 | 17.2 |

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) |
| 38 | 18428325.81 | 5018001.34 | 2.00 | 0 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 65.0 | 1.0 | -1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 34.8 |
| 39 | 18428325.81 | 5018001.34 | 2.00 | 1 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 65.2 | 1.0 | -2.4 | 0.0 | 0.0 | 9.3 | 0.0 | 1.0 | 24.8 |

DAYTIME - IMPULSE SOUND LEVELS (UNLOADING TRUCKS)

Receiver

Name: R4 - NE
 ID: R4
 X: 18428839.67 m
 Y: 5018096.78 m
 Z: 21.50 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) |
| 9 | 18428504.33 | 5017955.73 | 2.00 | 0 | DEN | 500 | 106.0 | 0.0 | 0.0 | 0.0 | 0.0 | 62.2 | 0.7 | -0.1 | 0.0 | 0.0 | 25.0 | 0.0 | 0.0 | 18.2 |

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) |
| 12 | 18428786.41 | 5017858.07 | 2.00 | 0 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 58.8 | 0.5 | -2.2 | 0.0 | 0.0 | 15.0 | 0.0 | 0.0 | 26.9 |

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) |
| 16 | 18428659.43 | 5017889.80 | 2.00 | 0 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 59.8 | 0.5 | -1.9 | 0.0 | 0.0 | 25.0 | 0.0 | 0.0 | 15.6 |
| 19 | 18428659.43 | 5017889.80 | 2.00 | 1 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 59.9 | 0.5 | -2.1 | 0.0 | 0.0 | 25.0 | 0.0 | 1.0 | 14.7 |

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) |
| 22 | 18428673.61 | 5017845.73 | 2.00 | 0 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 60.6 | 0.6 | -2.2 | 0.0 | 0.0 | 25.0 | 0.0 | 0.0 | 15.0 |
| 24 | 18428673.61 | 5017845.73 | 2.00 | 1 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 60.8 | 0.6 | -2.2 | 0.0 | 0.0 | 25.0 | 0.0 | 1.0 | 13.8 |
| 26 | 18428673.61 | 5017845.73 | 2.00 | 2 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 62.2 | 0.7 | -2.2 | 0.0 | 0.0 | 24.5 | 0.0 | 2.0 | 11.9 |
| 28 | 18428673.61 | 5017845.73 | 2.00 | 3 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 62.3 | 0.7 | -2.2 | 0.0 | 0.0 | 24.4 | 0.0 | 3.0 | 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) |
| 34 | 18428325.81 | 5018001.34 | 2.00 | 0 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 65.4 | 1.0 | -1.5 | 0.0 | 0.0 | 21.2 | 0.0 | 0.0 | 12.9 |
| 36 | 18428325.81 | 5018001.34 | 2.00 | 1 | D | 500 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 65.5 | 1.0 | -2.1 | 0.0 | 0.0 | 22.6 | 0.0 | 1.0 | 11.0 |

APPENDIX C: WARNING CLAUSES

TYPE A

"Purchasers/tenants 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 & Park's noise criteria."

TYPE B:

"Purchasers/tenants 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 & Park's 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 & 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 & Park's 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 Site Plan by Progressive Architect dated June 11, 2021 and Preliminary Concept drawings dated Nov 5, 2020.

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.