



October 24, 2025

E-mail: danrgreene@gmail.com

Greene's Electric, Plumbing & Heating Ltd. c/o Fotenn Consultants Inc.
210 Country Road 32
Gananoque, Ontario K7G 2V3

Attention: Mr. Dan Greene
Owner

Re: Noise Impact Study of the Proposed Residential Development
Part of Lots 19 and 20, Concession 1, Township of Leeds and the Thousand Islands,
Ontario
Pinchin File: 348615

1.0 INTRODUCTION

Pinchin Ltd. (Pinchin) was retained by Greene's Electric, Plumbing & Heating Ltd. c/o Fotenn Consultants Inc. (Client) to prepare a noise impact study report for a proposed residential development (Development) at Part of Lots 19 and 20, Concession 1, Township of Leeds and the Thousand Islands, Ontario. The purpose of the study is to satisfy the Township's requirements as outlined in the Pre-Application Report, dated January 8, 2024.

Based on a review of information provided by the Client, the proposed Development will include a plan of subdivision with 25 residential lots.

Figure 1, Appendix B, shows the locations of the proposed Development, onsite noise sensitive receptors, and nearby roadways. A concept plan for the Development is shown in Figure 2.

2.0 NOISE CRITERIA

The Township of Leeds and The Thousand Islands Noise Bylaw No. 17-021 [1] does not provide specific noise criteria for the operation of stationary and transportation noise sources. As such, Pinchin adopted the noise criteria outlined in the Ministry of Environment, Conservation and Parks (MECP) Publication NPC-300 [2].

The applicable noise criteria for this proposed Development are described as follows:

2.1 Outdoor Noise Criteria

The daytime noise criterion for outdoor amenity areas (outdoor living areas, OLA) is 55 dBA for road noise sources. Where it is not technically, economically, or administratively feasible to meet the 55 dBA limit, up to 60 dBA is permissible with warning clauses. Where the daytime sound level is greater than 60 dBA, control measures are required to reduce the sound level to 60 dBA or less.



2.2 Exterior Building Façade Noise Criteria

Where the sound levels at the exterior of the building facades exceed 55 dBA at living/dining room windows during daytime hours and 50 dBA at bedroom windows during nighttime periods, the unit must be provided with forced air heating with provision for central air conditioning. Where the sound levels exceed by more than 10 dB (i.e. 65 dBA at living/dining room windows and 60 dBA at bedroom windows), central air conditioning must be incorporated into the building design prior to occupancy. Warning clauses are applicable as well.

3.0 NOISE IMPACT ASSESSMENT

3.1 Road Traffic Data and Predictions

The main sources of transportation noise affecting this Development includes Highway 401 to the north and Thousand Islands Parkway to the south.

For Highway 401, the Annual Average Daily Traffic (AADT) volume in 2019 was obtained from the MTO website. The traffic data were projected to year 2035 using an annual growth rate of 1.9%, based on historical traffic data. Commercial vehicles were modelled at 6.78% and 20.34% for medium and heavy trucks, respectively. Per the City of Ottawa Guide [3], a day/night split of 92/8 was used for the freeway.

For Thousand Islands Parkway, traffic information was provided by the traffic consultant working on this project. Traffic information including AADT and truck percentages were estimated based on the traffic counts conducted by the traffic consultant. The provided traffic data were projected to year 2035 using an annual growth rate of 1.0%. Commercial vehicles were modelled at 0.7% and 2.4% for medium and heavy trucks, respectively. A day/night split of 92/8 was used for the roadway. Table 1, Appendix A, provides a summary of the traffic data and projections.

The Client advised that all dwellings would be two-storey high. Per the MECP NPC-300, the associated outdoor living areas are located on the sides facing the respective roadways.

To evaluate the traffic noise impact on the Development, twenty-eight (28) receptors were selected from the Development's affected locations. Receptors NR1 to NR9 represent the upper-floor windows on selected north building facades with exposure to Highway 401. Receptors SR1 to SR5 represent the upper-floor windows on selected south building facades with exposure to Thousand Islands Parkway. Receptors NR1-OPOR to NR9-OPOR and SR1-OPOR to SR5-OPOR represent the associated outdoor living areas.

The locations of the selected receptors and lots are shown in Figures 1 and 2, Appendix B.

The sound levels at the proposed Development due to road traffic noise were calculated using the CadnaA implementation of the Traffic Noise Model (TNM). The TNM was published by the United States



Federal Highway Administration. The combination of CadnaA-TNM enables the modelling of complex terrain and barrier configurations and the utilization of advanced traffic noise modelling algorithms. Another consideration for the selection of CadnaA-TNM in this study was that it enables the calculations of multiple roads and receptors at the same time.

The details of road traffic data and CadnaA-TNM calculation results are provided in Appendices A and E, respectively.

The calculation results are provided in Table 2, Appendix A. The predicted traffic noise impacts range from 41 dBA to 69 dBA at the selected onsite receptors. The most impacted receptors are those located along Highway 401.

Outdoor Living Areas

For outdoor living areas, the prediction results show that the noise levels at selected receptors (NR1-OPOR, NR2-OPOR, NR3-OPOR, NR7-OPOR, NR8-OPOR and NR9-OPOR) exceed 60 dBA. As such, warning clause type B is required. Since the predicted levels at receptors NR4, 5, 6-OPOR are between 55 dBA and 60 dBA, warning clause type A is required. For all other outdoor receptors (SR1-5-OPOR), warning clauses are not required. Details of the warning clause are provided in Appendix D.

Per NPC-300, noise control measures should be implemented to reduce the level to 55 dBA. Preliminary calculations show that six (6) long and tall noise barriers would be required for receptors NR1 to NR3 and NR7 to NR9. The lengths of the noise barriers range from approximately 135 m to 275 m. The heights of the barriers range from 4 m to 8 m. It is also required that the barriers should be built on the west, north and east sides of the affected lots.

Considering the required large dimensions of the noise barriers, it is our opinion that the construction of all required noise barriers is not feasible for technical and economic reasons. Instead, the Client proposes to build a combination of berm and fence along the west and north property lines of lots 12 and 13. The berm/fence is approximately 280 m long and 4.3-5.3 m high. In the model, the barrier was modelled at 4.8 m high.

Table 3, Appendix A, lists the predicted sound levels with the proposed berm/fence. Figures 1 and 2, Appendix B, shows the preliminary layout of the proposed noise barrier. Calculations show that around 7-10 dBA sound attenuation was achieved at the OLAs of lots 12 and 13.

The acoustic barrier may be constructed from a combination of materials such as earth, wood, metal, brick, concrete, etc. The acoustic barriers should have a minimum surface density of 20 kg/m². The barriers should be structurally sound, appropriately designed to withstand wind and snow load, and constructed without cracks or surface gaps. Any gaps under the barriers that are necessary for drainage



purposes should be minimized and localized, so that the acoustical performance of the barriers is maintained.

For façade windows, the prediction results show that upgrades on ventilation systems and building components (windows and walls) are required for selected receptor locations. Specifically the following receptor locations would require minor upgrades:

NR1 (Lot 13), NR8 (Lot 11) and NR9 (Lot 12)

These receptors represent the first-row upper floor windows facing Highway 401. Calculations show that installation of central AC systems are required for the dwellings. Window and wall upgrades from the OBC requirements are required. The upgrades include the installation of windows with the Sound Transmission Class (STC) rating of 37 or higher, installation of central air conditioning systems, and construction of "EW2" type walls. The "EW2" type wall requires an STC rating of 40 or higher. In addition, warning clause Type D is also required.

Note, the above window and wall upgrades apply to the upper floor windows on the north façade only for Lots 11 and 12. For Lot 13, the upgrades would apply to both the west and north facades on the upper floor. For other side facades (east and west), the requirements may be relaxed by an STC 3.

The details of the noise control requirements and building component calculations are provided in Table 2 and Appendix C, respectively. Details of the warning clause are provided in Appendix D.

NR2 (Lot 14) and NR7 (Lot 10)

These receptors represent the second-row upper floor windows facing Highway 401. Calculations show that provision for the installation of central AC systems is required for the dwellings. Minor windows upgrade to STC 32 from the OBC requirement is required. Warning clause Type C is also required.

Note, the above window upgrade applies to the upper floor windows on the north façade only.

The details of the noise control requirements and building component calculations are provided in Table 2 and Appendix C, respectively. Details of the warning clause are provided in Appendix D.

NR3 to NR5 (Lots 15, 16, 9)

These receptors represent the upper floor windows further away from Highway 401. Calculations show that provision for the installation of central AC systems is required for the dwellings. Warning clause Type C is also required. The details of the noise control requirements are provided in Table 2, Appendix A. Details of the warning clause are provided in Appendix D.



Other Lots

For all other units/lots that are located towards the south of the site close to the Thousand Island Parkway, the predicted sound levels meet the MECP noise criteria for outdoor and indoor spaces. Consequently, noise control measures and warning clauses are not required. Construction of all building components meeting the Ontario Building Code (OBC) requirements will be sufficient to provide the required noise attenuation so that the indoor noise levels will meet the applicable MECP guideline limits.

3.2 The Development on Nearby Residences

Since the proposed Development may include the construction of detached dwellings, it is not anticipated that the Development will have significant noise sources (e.g. generator and exhausts). Therefore, the noise impact from the Development on nearby receptors is anticipated to be insignificant.

3.3 Other Potential Noise Sources

A review of aerial photos shows that there are commercial operations in the area. To the north of the Development across Highway 401 is 1000 Islands RV Centre that provides sales and repair services. At the site, there is one single storey building approximately 130 m to the Development. It does not appear that the building has significant rooftop units. Considering the lack of rooftop units and separation by Highway 401, it is our opinion that the potential noise impact from the RV Centre on the Development is not anticipated to be significant.

To the west of the Development is the Shorelines Casino approximately 800 m away. Considering the large setback, the potential noise impact is not anticipated to be significant at the Development.

4.0 CONCLUSIONS

A detailed noise assessment of the proposed Development was completed by modelling the traffic noise impact at selected receptor locations at the Development. The assessment and analysis show that the predicted noise impact from transportation sources at the Development affects selected receptor locations located to the north of the site along Highway 401. As such, a berm/fence of approximately 280 long and 4.3 – 5.3 m high was proposed by the Client. Calculations show that the berm/fence provided approximately 7-10 dBA sound attenuation for outdoor receptors on lots 12 and 13. In addition, ventilation/window/wall upgrades and warning clauses are required. Details of the ventilation/window/wall upgrades and warning clauses are provided in Tables 2, 3 and Appendix C.



5.0 TERMS AND LIMITATIONS

This work was performed subject to the Terms and Limitations presented or referenced in the proposal for this project.

Information provided by Pinchin is intended for Client use only. Pinchin will not provide results or information to any party unless disclosure by Pinchin is required by law. Any use by a third party of reports or documents authored by Pinchin or any reliance by a third party on or decisions made by a third party based on the findings described in said documents, is the sole responsibility of such third parties. Pinchin accepts no responsibility for damages suffered by any third party as a result of decisions made or actions conducted. No other warranties are implied or expressed.

6.0 CLOSURE

Should you have any questions or concerns regarding the contents of this letter, please contact the Project Manager at 647.287.1677 or wli@pinchin.com.

Sincerely,

Pinchin Ltd.

Prepared by:

Weidong Li, Ph.D., P.Eng.
Senior Project Engineer

Reviewed by:

Aidan Maher, P.Eng.
Senior Project Manager





7.0 REFERENCES

1. Township of Leeds and The Thousand Islands, Noise Bylaw No. 17-021, April 10, 2017.
2. Ministry of the Environment Publication NPC-300, "Environmental Noise Guideline Stationary and Transportation Sources – Approval and Planning", August 2013.
3. City of Ottawa, Environmental Noise Control Guidelines: Introduction and Glossary, January 2016.

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Template: Master Noise Impact Study Letter, ERC, July 18, 2024

APPENDIX A
Tables
(3 Pages)

Table 1 - Summary of Traffic Data and Projections

Road Name	AADT - 2019/2025[1]	Growth Year (to 2035)	Annual Growth Rate [2]	AADT - 2035	Cars	M-Trucks [3]	H-Trucks [3]	Notes
Highway 401 [1]	31000	16	1.9%	41894	30535	2840	8519	MTO iCorridor
Thousand Islands Parkway [1]	2500	10	1.0%	2762	2676	19	66	Traffic Consultant

Notes

1. The traffic data for Highway 401 was obtained from the MTO iCorridor website.

The traffic data for Thousand Islands Parkway was provided by the traffic consultant working on this project.

2. The growth rate for Highway 401 was determined based on the previous years' traffic count data.

The growth rate for Thousand Islands Parkway was provided by the traffic consultant working on this project.

3. The truck percentages were obtained from MTO iCorridor for Highway 401 and provided by the traffic consultant for Thousand Islands Parkway.

Highway 401: 6.78% for medium trucks and 20.34% for heavy trucks.

Thousand Islands Parkway: 0.7% for medium trucks, 2.4% for heavy trucks.

4. The total truck percentage was provided by the traffic consultant working on this project.

Table 2 - Calculation Results at Selected Receptors, Without Noise Barrier

Receptor ID ^[1]	Receptor Description	Cross-reference to Lot #	Leq(16) - Day (07:00 - 23:00)	Leq(8) - Night (23:00 - 07:00)	Noise Controls ^[2]	Warning Clauses ^[3]
NR1	Upper Floor Windows - North Facade	13	68	60	Central AC	Type D
NR1-OPOR	Outdoor Living Area	13	68	-	Berm/Fence	Type B
NR2	Upper Floor Windows - North Facade	14	64	56	Provision for AC	Type C
NR2-OPOR	Outdoor Living Area	14	63	-	Berm/Fence	Type B
NR3	Upper Floor Windows - North Facade	15	62	55	Provision for AC	Type C
NR3-OPOR	Outdoor Living Area	15	62	-	Berm/Fence	Type B
NR4	Upper Floor Windows - North Facade	16	60	52	Provision for AC	Type C
NR4-OPOR	Outdoor Living Area	16	59	-	-	Type A
NR5	Upper Floor Windows - North Facade	9	56	49	Provision for AC	Type C
NR5-OPOR	Outdoor Living Area	9	58	-	-	Type A
NR6	Upper Floor Windows - North Facade	8	51	43	-	-
NR6-OPOR	Outdoor Living Area	8	53	-	-	-
NR7	Upper Floor Windows - North Facade	10	63	55	Provision for AC	Type C
NR7-OPOR	Outdoor Living Area	10	61	-	Berm/Fence	Type B
NR8	Upper Floor Windows - North Facade	11	66	58	Central AC	Type D
NR8-OPOR	Outdoor Living Area	11	64	-	Berm/Fence	Type B
NR9	Upper Floor Windows - North Facade	12	69	62	Central AC	Type D
NR9-OPOR	Outdoor Living Area	12	68	-	Berm/Fence	Type B
SR1	Upper Floor Windows - South Facade	1	49	41	-	-
SR1-OPOR	Outdoor Living Area	1	48	-	-	-
SR2	Upper Floor Windows - South Facade	2	43	36	-	-
SR2-OPOR	Outdoor Living Area	2	43	-	-	-
SR3	Upper Floor Windows - South Facade	25	45	37	-	-
SR3-OPOR	Outdoor Living Area	25	44	-	-	-
SR4	Upper Floor Windows - South Facade	24	42	34	-	-
SR4-OPOR	Outdoor Living Area	24	41	-	-	-
SR5	Upper Floor Windows - South Facade	23	41	34	-	-
SR5-OPOR	Outdoor Living Area	23	41	-	-	-

Notes

- See Figures 1 and 2 for receptor ID and locations.
- Noise control measures are not required if the predicted sound levels are less than or equal to 55 dBA and 50 dBA during day and night hours, respectively.
"Central A/C" - the dwelling should be designed with the installation of central air conditioning.
"Provision for Central A/C" - the dwelling should be designed with a provision for the installation of central air conditioning in the future, at the occupant's discretion.
- Warning clauses are not required if the predicted sound levels are less than or equal to 55 dBA and 50 dBA during day and night hours, respectively.

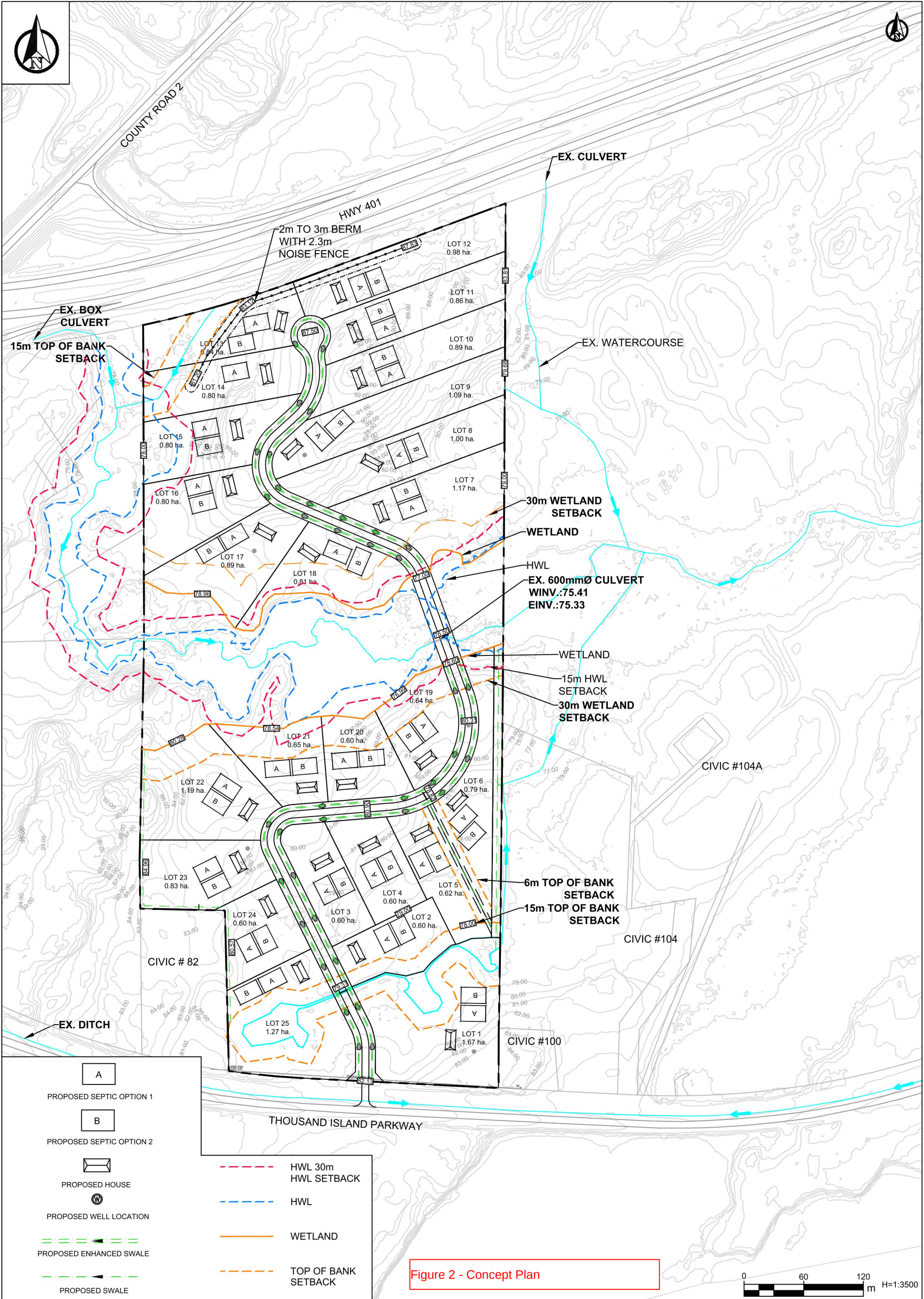
Table3 - Calculation Results at Selected Receptors, With Proposed Berm/Fence

Receptor ID ^[1]	Receptor Description	Cross-reference to Lot #	Leq(16) - Day (07:00 - 23:00)	Leq(8) - Night (23:00 - 07:00)	Noise Controls ^[2]	Warning Clauses ^[3]
NR1	Upper Floor Windows - North Facade	13	66	59	Central AC	Type D
NR1-OPOR	Outdoor Living Area	13	58	-	Berm/Fence	Type B
NR2	Upper Floor Windows - North Facade	14	63	55	Provision for AC	Type C
NR2-OPOR	Outdoor Living Area	14	59	-	Berm/Fence	Type B
NR3	Upper Floor Windows - North Facade	15	62	55	Provision for AC	Type C
NR3-OPOR	Outdoor Living Area	15	61	-	Berm/Fence	Type B
NR4	Upper Floor Windows - North Facade	16	60	52	Provision for AC	Type C
NR4-OPOR	Outdoor Living Area	16	59	-	-	Type A
NR5	Upper Floor Windows - North Facade	9	55	48	Provision for AC	Type C
NR5-OPOR	Outdoor Living Area	9	57	-	-	Type A
NR6	Upper Floor Windows - North Facade	8	51	43	-	-
NR6-OPOR	Outdoor Living Area	8	49	-	-	-
NR7	Upper Floor Windows - North Facade	10	63	56	Provision for AC	Type C
NR7-OPOR	Outdoor Living Area	10	61	-	Berm/Fence	Type B
NR8	Upper Floor Windows - North Facade	11	66	58	Central AC	Type D
NR8-OPOR	Outdoor Living Area	11	63	-	Berm/Fence	Type B
NR9	Upper Floor Windows - North Facade	12	70	62	Central AC	Type D
NR9-OPOR	Outdoor Living Area	12	61	-	Berm/Fence	Type B
SR1	Upper Floor Windows - South Facade	1	49	41	-	-
SR1-OPOR	Outdoor Living Area	1	48	-	-	-
SR2	Upper Floor Windows - South Facade	2	43	36	-	-
SR2-OPOR	Outdoor Living Area	2	43	-	-	-
SR3	Upper Floor Windows - South Facade	25	45	37	-	-
SR3-OPOR	Outdoor Living Area	25	44	-	-	-
SR4	Upper Floor Windows - South Facade	24	42	34	-	-
SR4-OPOR	Outdoor Living Area	24	41	-	-	-
SR5	Upper Floor Windows - South Facade	23	41	34	-	-
SR5-OPOR	Outdoor Living Area	23	41	-	-	-

Notes

1. See Figures 1 and 2 for receptor ID and locations.
2. Noise control measures are not required if the predicted sound levels are less than or equal to 55 dBA and 50 dBA during day and night hours, respectively.
3. Warning clauses are not required if the predicted sound levels are less than or equal to 55 dBA and 50 dBA during day and night hours, respectively.

APPENDIX B
Figures
(2 Pages)



			 1329 Gardiners Road Suite 210 Kingston, ON, Canada K7P 0L8 613.634.9009 tel. 1.888.884.9392 fax.	Client GREENE'S ELECTRIC, PLUMBING & HEATING LTD.	Project THOUSAND ISLAND PARKWAY SUBDIVISION	Drawing CONCEPT PLAN		
						Drawn by: EP	Checked by: JH	Project No.
						Designed by: KMN	Approved by: KMN	Drawing No.
						Date: JANUARY 2025		CP
						Scale: 1:3500 (1/16")		
No.	Revision/Issue	Date						

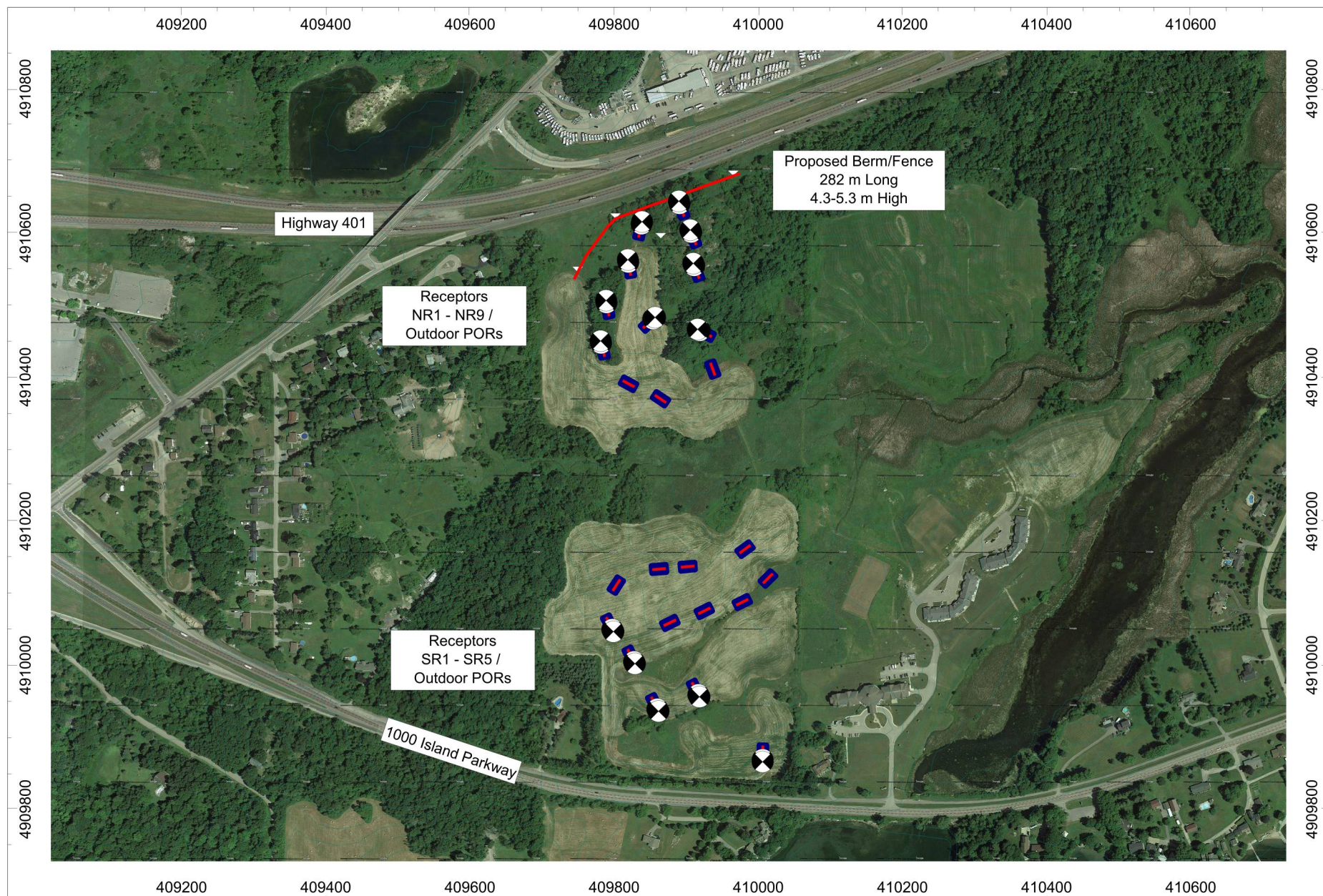


Figure 1 - Scald Area Plan, Showing the Development and Receptors

Greene's Electric, Plumbing & Heating Ltd.

Part of Lots 19 and 20, Concession 1, Township of Leeds and the Thousand Islands



Pinchin Project: 348615

Drawn by: WNL

Scale: 1:8,000

Date: April 2, 2025



APPENDIX C
Building Component Calculations
(2 Pages)

Table C1: Predicted Noise Levels and Control Measures

Room/Facade Reference Number NR1/NR8/NR9
Room Location Upper Floor, North Façade
Room Type Bedroom
Floor Area, m2 n/a

	Windows - Day	Windows - Night	Wall - Day	Wall - Night	Notes
Predicted Outdoor Sound Level, dBA	69.2	61.6	67.8	67.8	CadnaA-TNM
Calculation Adjustment, dBA	0.0	0.0	0.0	0.0	- no adjustment
Indoor Room Level, dBA	40	40	40	40	NPC-300 Table C-9, Road Traffic [1]
CMHC Room Target, dBA	35	35	35	35	CMHC Table 1, 24-Hour Criteria [2]
Criteria Adjustment, dBA	-5	-5	-5	-5	CMHC-MOE
Adjusted Outdoor Sound Level, dBA	64	57	63	63	Used in Determining AIF
(Window, Wall) Area, m2	n/a	n/a	n/a	n/a	
(Window, Wall)/Floor Ratio, %	30%	30%	80%	80%	Assumed Window/Floor Area Ratio
Number of Components	3	3	3	3	Windows, Wall, Door
Acoustic Insulation Factor (AIF)	36	29	34	34	CMHC: Table 6.1
Approximate Sound Transmission Class (STC)	37	30	40	40	CMHC: Tables D2, 6.3
Examples of Control Measures	3 - 63 - 3	-	-	EW2	The Worst Case Requirement Is Displayed
Air Conditioning	Central AC	Central AC			Central AC Required
Warning Clause	Type D	Type D			

Notes

"Provision" - the dwelling should be designed with a provision for the installation of central air conditioning in the future, at the occupant's discretion.

"OBC" - Construction of all building components meeting the Ontario Building Code (OBC) requirements.

"EW2" - denotes common exterior wall, plus rigid insulation (25-50 mm), and wood siding or metal siding and fibre backer board.

Table C2: Predicted Noise Levels and Control Measures

Room/Facade Reference Number NR2/NR7
Room Location Upper Floor, North Façade
Room Type Bedroom
Floor Area, m2 n/a

	Windows - Day	Windows - Night	Wall - Day	Wall - Night	Notes
Predicted Outdoor Sound Level, dBA	64.0	56.4	62.6	62.6	CadnaA-TNM
Calculation Adjustment, dBA	0.0	0.0	0.0	0.0	- no adjustment
Indoor Room Level, dBA	40	40	40	40	NPC-300 Table C-9, Road Traffic [1]
CMHC Room Target, dBA	35	35	35	35	CMHC Table 1, 24-Hour Criteria [2]
Criteria Adjustment, dBA	-5	-5	-5	-5	CMHC-MOE
Adjusted Outdoor Sound Level, dBA	59	51	58	58	Used in Determining AIF
(Window, Wall) Area, m2	n/a	n/a	n/a	n/a	
(Window, Wall)/Floor Ratio, %	30%	30%	80%	80%	Assumed Window/Floor Area Ratio
Number of Components	3	3	3	3	Windows, Wall, Door
Acoustic Insulation Factor (AIF)	31	22	30	30	CMHC: Table 6.1
Approximate Sound Transmission Class (STC)	32	23			CMHC: Tables D2, 6.3
Examples of Control Measures	3 - 16 - 3	-	OBC	OBC	The Worst Case Requirement Is Displayed
Air Conditioning	Provision	Provision			Installed at Occupant's Discretion
Warning Clause	Type C	Type C			

Notes

"Provision" - the dwelling should be designed with a provision for the installation of central air conditioning in the future, at the occupant's discretion.

"OBC" - Construction of all building components meeting the Ontario Building Code (OBC) requirements.

APPENDIX D
Warning Clauses
(1 Page)

Warning Clause 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 sound level limits of the Municipality and the Ministry of the Environment.”

Warning Clause 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 sound level limits of the Municipality and the Ministry of the Environment.”

Warning Clause 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.”

Warning Clause 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 sound level limits of the Municipality and the Ministry of the Environment.”

APPENDIX E
CadnaA-TNM Sample Output
(7 Pages)

Receiver

Name: Upper Floor Windows - North Facade

ID: NR1

X: 409838.20 m

Y: 4910612.23 m

Z: 88.24 m

Road, TNM, Name: "Highway 401 EB", ID: "HW401EB"

Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	Ad (dB)	Aair (dB)	Agr (dB)	Afol (dB)	RL (dB)	Lr dB(A)
1	409923.41	4910701.86	82.72	0	D	A	66.9	-17.2	0.0	6.7	0.0	0.0	43.1
2	409882.03	4910686.85	82.14	0	D	A	66.9	-17.2	0.0	8.2	0.0	0.0	41.5
3	409854.44	4910676.85	81.76	0	D	A	66.9	-15.0	0.0	6.5	0.0	0.0	45.4
4	409832.22	4910668.79	81.45	0	D	A	66.9	-15.8	0.0	0.4	0.0	0.0	50.7
5	409815.36	4910662.67	81.21	0	D	A	66.9	-15.6	0.0	-0.4	0.0	0.0	51.7
6	409928.88	4910707.57	82.81	0	D	A	66.9	-19.0	0.0	8.5	0.0	0.0	39.4
7	409887.04	4910692.39	82.23	0	D	A	66.9	-16.0	0.0	5.3	0.0	0.0	45.5
8	409851.02	4910679.33	81.73	0	D	A	66.9	-14.8	0.0	-0.3	0.0	0.0	52.3
9	409828.38	4910671.12	81.41	0	D	A	66.9	-16.7	0.0	-1.7	0.0	0.0	51.8
10	409813.28	4910665.65	81.20	0	D	A	66.9	-16.6	0.0	-2.5	0.0	0.0	52.8
11	409932.99	4910705.33	86.41	0	D	A	66.0	-19.7	0.0	-0.6	0.0	0.0	46.9
12	409896.97	4910692.27	85.91	0	D	A	66.0	-17.2	0.0	-0.3	0.0	0.0	49.2
13	409869.96	4910682.48	85.53	0	D	A	66.0	-18.1	0.0	-0.6	0.0	0.0	48.5
14	409851.95	4910675.94	85.28	0	D	A	66.0	-16.6	0.0	-1.2	0.0	0.0	50.6
15	409833.94	4910669.41	85.03	0	D	A	66.0	-15.5	0.0	-0.9	0.0	0.0	51.3
16	409815.93	4910662.88	84.78	0	D	A	66.0	-15.2	0.0	-1.2	0.0	0.0	51.9
17	409931.80	4910708.63	86.41	0	D	A	66.0	-19.8	0.0	-0.6	0.0	0.0	46.7
18	409895.78	4910695.56	85.91	0	D	A	66.0	-17.3	0.0	-0.4	0.0	0.0	49.1
19	409868.77	4910685.77	85.53	0	D	A	66.0	-18.3	0.0	-0.6	0.0	0.0	48.2
20	409850.76	4910679.24	85.28	0	D	A	66.0	-17.0	0.0	-1.8	0.0	0.0	50.8
21	409832.75	4910672.70	85.03	0	D	A	66.0	-16.0	0.0	-1.1	0.0	0.0	51.1
22	409814.74	4910666.17	84.78	0	D	A	66.0	-15.8	0.0	-1.0	0.0	0.0	51.2
31	409791.90	4910654.99	80.90	0	D	A	66.9	-14.2	0.0	0.1	0.0	0.0	52.5
32	409769.74	4910648.17	80.60	0	D	A	66.9	-19.2	0.0	1.0	0.0	0.0	46.7
33	409755.54	4910643.80	80.41	0	D	A	66.9	-20.5	0.0	7.1	0.0	0.0	39.3
34	409797.61	4910660.41	80.99	0	D	A	66.9	-16.8	0.0	-2.2	0.0	0.0	52.2
35	409781.21	4910655.36	80.77	0	D	A	66.9	-17.9	0.0	-1.5	0.0	0.0	50.5
36	409762.90	4910649.73	80.52	0	D	A	66.9	-18.4	0.0	-0.8	0.0	0.0	49.2
37	409750.16	4910645.81	80.35	0	D	A	66.9	-25.3	0.0	4.7	0.0	0.0	36.9
44	410275.96	4910832.34	85.43	0	D	A	66.9	-28.2	0.0	19.7	0.0	0.0	18.9
45	410223.64	4910812.94	85.06	0	D	A	66.9	-30.2	0.0	23.7	0.0	0.0	13.0
46	410175.73	4910795.18	84.71	0	D	A	66.9	-26.7	0.0	23.4	0.0	0.0	16.7
47	410096.79	4910765.92	84.15	0	D	A	66.9	-22.4	0.0	14.0	0.0	0.0	30.4
48	410023.90	4910738.89	83.62	0	D	A	66.9	-23.0	0.0	7.6	0.0	0.0	36.2
49	409975.31	4910720.88	83.27	0	D	A	66.9	-20.8	0.0	12.4	0.0	0.0	33.7
50	410288.36	4910840.67	85.53	0	D	A	66.9	-30.7	0.0	19.6	0.0	0.0	16.6
51	410248.53	4910825.90	85.24	0	D	A	66.9	-30.4	0.0	22.8	0.0	0.0	13.6
52	410197.52	4910806.99	84.88	0	D	A	66.9	-27.0	0.0	22.6	0.0	0.0	17.3
53	410111.36	4910775.05	84.26	0	D	A	66.9	-22.5	0.0	12.6	0.0	0.0	31.8
54	410030.58	4910745.10	83.68	0	D	A	66.9	-22.9	0.0	13.1	0.0	0.0	30.9
55	409976.72	4910725.13	83.29	0	D	A	66.9	-20.5	0.0	11.0	0.0	0.0	35.4
56	409929.55	4910704.09	84.23	0	D	A	61.8	-18.7	0.0	5.9	0.0	0.0	37.2
57	409895.45	4910691.72	83.75	0	D	A	61.8	-18.6	0.0	1.0	0.0	0.0	42.2
58	409870.16	4910682.55	83.40	0	D	A	61.8	-16.6	0.0	0.7	0.0	0.0	44.5
59	409844.86	4910673.38	83.05	0	D	A	61.8	-14.7	0.0	-0.0	0.0	0.0	47.2
60	409819.57	4910664.20	82.70	0	D	A	61.8	-13.8	0.0	-1.2	0.0	0.0	49.2
61	409941.69	4910712.21	84.41	0	D	A	61.8	-23.9	0.0	5.6	0.0	0.0	32.3
62	409917.59	4910703.47	84.08	0	D	A	61.8	-19.4	0.0	-0.1	0.0	0.0	42.5
63	409885.63	4910691.88	83.63	0	D	A	61.8	-17.1	0.0	1.3	0.0	0.0	43.4
64	409853.67	4910680.29	83.19	0	D	A	61.8	-14.7	0.0	0.6	0.0	0.0	46.5
65	409829.70	4910671.60	82.85	0	D	A	61.8	-16.5	0.0	-0.4	0.0	0.0	45.8
66	409813.72	4910665.81	82.63	0	D	A	61.8	-16.3	0.0	-1.1	0.0	0.0	46.6

Road, TNM, Name: "Highway 401 EB", ID: "HW401EB"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	dB	dB	dB	dB(A)
67	409791.90	4910654.99	84.46	0	D	A	66.0	-14.2	0.0	-0.7	0.0	0.0	52.5
68	409762.75	4910646.02	84.07	0	D	A	66.0	-16.7	0.0	-1.7	0.0	0.0	51.0
69	409797.61	4910660.41	84.55	0	D	A	66.0	-16.8	0.0	-1.0	0.0	0.0	50.2
70	409781.21	4910655.36	84.33	0	D	A	66.0	-17.9	0.0	-1.0	0.0	0.0	49.1
71	409760.27	4910648.92	84.05	0	D	A	66.0	-17.6	0.0	-1.8	0.0	0.0	50.2
72	410275.96	4910832.34	88.99	0	D	A	66.0	-28.2	0.0	19.4	0.0	0.0	18.4
73	410223.64	4910812.94	88.62	0	D	A	66.0	-30.2	0.0	18.8	0.0	0.0	17.0
74	410175.73	4910795.18	88.27	0	D	A	66.0	-26.7	0.0	18.6	0.0	0.0	20.7
75	410108.28	4910770.17	87.79	0	D	A	66.0	-24.0	0.0	6.8	0.0	0.0	35.2
76	410034.06	4910742.66	87.26	0	D	A	66.0	-21.5	0.0	5.6	0.0	0.0	38.9
77	409973.98	4910720.39	86.82	0	D	A	66.0	-21.0	0.0	-0.6	0.0	0.0	45.6
78	410288.36	4910840.67	89.09	0	D	A	66.0	-30.7	0.0	19.3	0.0	0.0	16.0
79	410248.53	4910825.90	88.80	0	D	A	66.0	-30.4	0.0	18.9	0.0	0.0	16.7
80	410197.52	4910806.99	88.44	0	D	A	66.0	-27.0	0.0	18.5	0.0	0.0	20.5
81	410128.12	4910781.26	87.94	0	D	A	66.0	-24.6	0.0	6.7	0.0	0.0	34.6
82	410053.93	4910753.76	87.41	0	D	A	66.0	-22.3	0.0	5.5	0.0	0.0	38.1
83	409983.31	4910727.58	86.90	0	D	A	66.0	-19.8	0.0	-0.6	0.0	0.0	46.8
84	409735.82	4910638.81	80.23	0	D	A	66.9	-19.5	0.0	9.5	0.0	0.0	37.8
85	409723.01	4910635.96	80.13	0	D	A	66.9	-38.2	0.0	15.8	0.0	0.0	12.9
86	409718.32	4910634.91	80.10	0	D	A	66.9	-25.3	0.0	16.0	0.0	0.0	25.5
87	409698.53	4910630.50	79.96	0	D	A	66.9	-21.2	0.0	16.3	0.0	0.0	29.4
88	409666.39	4910623.34	79.72	0	D	A	66.9	-22.5	0.0	10.0	0.0	0.0	34.3
89	409731.27	4910641.38	80.20	0	D	A	66.9	-18.8	0.0	6.7	0.0	0.0	41.4
90	409714.65	4910637.68	80.08	0	D	A	66.9	-38.5	0.0	13.6	0.0	0.0	14.8
91	409710.03	4910636.65	80.04	0	D	A	66.9	-26.0	0.0	13.7	0.0	0.0	27.1
92	409692.31	4910632.70	79.92	0	D	A	66.9	-22.2	0.0	11.1	0.0	0.0	33.6
93	409663.90	4910626.37	79.71	0	D	A	66.9	-23.1	0.0	6.1	0.0	0.0	37.6
98	409735.88	4910638.82	83.79	0	D	A	66.0	-19.5	0.0	-0.4	0.0	0.0	46.9
99	409723.28	4910636.02	83.70	0	D	A	66.0	-43.8	0.0	5.0	0.0	0.0	17.2
100	409723.01	4910635.96	83.69	0	D	A	66.0	-38.1	0.0	5.6	0.0	0.0	22.3
101	409722.55	4910635.85	83.69	0	D	A	66.0	-37.7	0.0	6.0	0.0	0.0	22.3
102	409720.33	4910635.36	83.67	0	D	A	66.0	-28.7	0.0	6.1	0.0	0.0	31.2
103	409683.96	4910627.25	83.41	0	D	A	66.0	-18.3	0.0	5.7	0.0	0.0	42.0
104	409731.27	4910641.38	83.76	0	D	A	66.0	-18.7	0.0	-0.4	0.0	0.0	47.6
105	409714.65	4910637.68	83.64	0	D	A	66.0	-38.4	0.0	5.6	0.0	0.0	22.0
106	409712.27	4910637.15	83.62	0	D	A	66.0	-28.9	0.0	6.0	0.0	0.0	31.1
107	409679.47	4910629.84	83.38	0	D	A	66.0	-19.1	0.0	5.7	0.0	0.0	41.2
124	409423.77	4910602.11	81.71	0	D	A	66.9	-28.5	0.0	4.1	0.0	0.0	34.3
125	409285.89	4910607.62	82.69	0	D	A	66.9	-24.5	0.0	2.0	0.0	0.0	40.4
126	409062.44	4910616.53	84.29	0	D	A	66.9	-27.4	0.0	6.0	0.0	0.0	33.4
127	408727.27	4910629.91	86.68	0	D	A	66.9	-27.4	0.0	9.2	0.0	0.0	30.3
128	409424.13	4910605.60	81.71	0	D	A	66.9	-28.6	0.0	3.0	0.0	0.0	35.3
129	409286.42	4910611.10	82.69	0	D	A	66.9	-24.5	0.0	5.9	0.0	0.0	36.5
130	409062.86	4910620.02	84.29	0	D	A	66.9	-27.5	0.0	9.5	0.0	0.0	29.9
131	408727.52	4910633.41	86.68	0	D	A	66.9	-27.4	0.0	13.0	0.0	0.0	26.5
136	409791.90	4910654.99	82.32	0	D	A	61.8	-14.2	0.0	-1.1	0.0	0.0	48.7
137	409763.30	4910646.19	81.94	0	D	A	61.8	-16.9	0.0	-0.9	0.0	0.0	45.8
138	409749.10	4910641.82	81.75	0	D	A	61.8	-32.1	0.0	3.7	0.0	0.0	26.1
139	409797.61	4910660.41	82.41	0	D	A	61.8	-16.8	0.0	-1.1	0.0	0.0	46.1
140	409781.21	4910655.36	82.19	0	D	A	61.8	-17.9	0.0	-0.6	0.0	0.0	44.6
141	409760.27	4910648.92	81.91	0	D	A	61.8	-17.6	0.0	-0.3	0.0	0.0	44.5
142	410275.96	4910832.34	86.86	0	D	A	61.8	-28.2	0.0	23.0	0.0	0.0	10.6
143	410223.64	4910812.94	86.48	0	D	A	61.8	-30.2	0.0	22.2	0.0	0.0	9.5
144	410175.73	4910795.18	86.14	0	D	A	61.8	-26.7	0.0	21.9	0.0	0.0	13.2
145	410096.79	4910765.92	85.57	0	D	A	61.8	-22.4	0.0	9.2	0.0	0.0	30.2
146	410023.90	4910738.89	85.05	0	D	A	61.8	-23.0	0.0	8.3	0.0	0.0	30.5
147	409975.31	4910720.88	84.70	0	D	A	61.8	-20.8	0.0	6.8	0.0	0.0	34.2
148	410288.36	4910840.67	86.95	0	D	A	61.8	-30.7	0.0	22.7	0.0	0.0	8.5
149	410248.53	4910825.90	86.67	0	D	A	61.8	-30.4	0.0	22.2	0.0	0.0	9.2
150	410197.52	4910806.99	86.30	0	D	A	61.8	-27.0	0.0	21.7	0.0	0.0	13.2
151	410111.36	4910775.05	85.68	0	D	A	61.8	-22.5	0.0	9.4	0.0	0.0	30.0
152	410030.58	4910745.10	85.10	0	D	A	61.8	-22.9	0.0	8.2	0.0	0.0	30.7
153	409976.72	4910725.13	84.72	0	D	A	61.8	-20.5	0.0	6.7	0.0	0.0	34.7

Road, TNM, Name: "Highway 401 EB", ID: "HW401EB"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
158	409331.67	4910605.79	85.93	0	D	A	66.0	-23.3	0.0	2.4	0.0	0.0	40.3
159	409095.14	4910615.23	87.62	0	D	A	66.0	-26.7	0.0	2.5	0.0	0.0	36.8
160	408740.35	4910629.39	90.15	0	D	A	66.0	-27.0	0.0	4.5	0.0	0.0	34.5
161	409331.81	4910609.29	85.93	0	D	A	66.0	-23.3	0.0	1.5	0.0	0.0	41.1
162	409095.28	4910618.73	87.62	0	D	A	66.0	-26.7	0.0	1.5	0.0	0.0	37.8
163	408740.49	4910632.89	90.15	0	D	A	66.0	-27.0	0.0	4.0	0.0	0.0	35.0
176	409735.82	4910638.81	81.65	0	D	A	61.8	-19.5	0.0	4.9	0.0	0.0	37.4
177	409723.01	4910635.96	81.56	0	D	A	61.8	-38.2	0.0	11.5	0.0	0.0	12.2
178	409719.22	4910635.11	81.53	0	D	A	61.8	-26.2	0.0	11.6	0.0	0.0	24.0
179	409707.25	4910632.44	81.44	0	D	A	61.8	-23.3	0.0	10.6	0.0	0.0	27.9
180	409674.22	4910625.08	81.20	0	D	A	61.8	-20.4	0.0	5.8	0.0	0.0	35.6
181	409742.31	4910643.84	81.70	0	D	A	61.8	-22.9	0.0	-0.4	0.0	0.0	39.4
182	409725.92	4910640.19	81.58	0	D	A	61.8	-20.9	0.0	5.1	0.0	0.0	35.8
183	409714.65	4910637.68	81.50	0	D	A	61.8	-38.5	0.0	11.5	0.0	0.0	11.8
184	409710.93	4910636.85	81.48	0	D	A	61.8	-26.9	0.0	11.7	0.0	0.0	23.2
185	409701.03	4910634.64	81.40	0	D	A	61.8	-24.9	0.0	6.6	0.0	0.0	30.4
186	409671.72	4910628.11	81.19	0	D	A	61.8	-20.9	0.0	6.3	0.0	0.0	34.7
199	410936.69	4911076.84	79.15	0	D	A	66.9	-28.2	0.0	22.7	0.0	0.0	15.9
200	410631.69	4910963.98	82.33	0	D	A	66.9	-28.5	0.0	22.4	0.0	0.0	15.9
201	410428.36	4910888.75	84.45	0	D	A	66.9	-26.0	0.0	22.0	0.0	0.0	18.9
202	410318.70	4910848.18	85.60	0	D	A	66.9	-35.4	0.0	24.3	0.0	0.0	7.2
203	410943.62	4911083.13	79.06	0	D	A	66.9	-28.5	0.0	22.5	0.0	0.0	15.9
204	410650.82	4910974.80	82.12	0	D	A	66.9	-28.9	0.0	22.0	0.0	0.0	15.9
205	410455.63	4910902.57	84.16	0	D	A	66.9	-26.6	0.0	21.3	0.0	0.0	19.0
206	410333.76	4910857.48	85.43	0	D	A	66.9	-30.9	0.0	23.6	0.0	0.0	12.4
223	410936.69	4911076.84	82.71	0	D	A	66.0	-28.2	0.0	18.8	0.0	0.0	19.0
224	410631.69	4910963.98	85.89	0	D	A	66.0	-28.5	0.0	17.9	0.0	0.0	19.6
225	410428.36	4910888.75	88.01	0	D	A	66.0	-25.9	0.0	16.8	0.0	0.0	23.3
226	410318.70	4910848.18	89.16	0	D	A	66.0	-35.4	0.0	19.8	0.0	0.0	10.8
227	410943.62	4911083.13	82.62	0	D	A	66.0	-28.4	0.0	18.9	0.0	0.0	18.7
228	410650.82	4910974.80	85.68	0	D	A	66.0	-28.9	0.0	18.0	0.0	0.0	19.1
229	410455.63	4910902.57	87.72	0	D	A	66.0	-26.5	0.0	17.0	0.0	0.0	22.5
230	410333.76	4910857.48	88.99	0	D	A	66.0	-30.8	0.0	19.8	0.0	0.0	15.4
251	409331.67	4910605.79	83.79	0	D	A	61.8	-23.4	0.0	2.5	0.0	0.0	36.0
252	409095.14	4910615.23	85.48	0	D	A	61.8	-26.8	0.0	4.0	0.0	0.0	31.1
253	408740.35	4910629.39	88.01	0	D	A	61.8	-27.0	0.0	7.2	0.0	0.0	27.6
254	409331.81	4910609.29	83.79	0	D	A	61.8	-23.4	0.0	3.1	0.0	0.0	35.3
255	409095.28	4910618.73	85.48	0	D	A	61.8	-26.8	0.0	3.4	0.0	0.0	31.6
256	408740.49	4910632.89	88.01	0	D	A	61.8	-27.0	0.0	8.0	0.0	0.0	26.8
273	410936.69	4911076.84	80.57	0	D	A	61.8	-28.2	0.0	22.2	0.0	0.0	11.4
274	410631.69	4910963.98	83.76	0	D	A	61.8	-28.5	0.0	22.4	0.0	0.0	11.0
275	410428.36	4910888.75	85.88	0	D	A	61.8	-26.0	0.0	21.9	0.0	0.0	14.0
276	410318.70	4910848.18	87.02	0	D	A	61.8	-35.4	0.0	23.7	0.0	0.0	2.8
277	410943.62	4911083.13	80.49	0	D	A	61.8	-28.5	0.0	22.2	0.0	0.0	11.1
278	410650.82	4910974.80	83.54	0	D	A	61.8	-28.9	0.0	21.8	0.0	0.0	11.1
279	410455.63	4910902.57	85.58	0	D	A	61.8	-26.5	0.0	21.1	0.0	0.0	14.2
280	410333.76	4910857.48	86.85	0	D	A	61.8	-30.9	0.0	23.2	0.0	0.0	7.8
293	409549.72	4910606.76	80.33	0	D	A	66.9	-25.0	0.0	8.4	0.0	0.0	33.4
294	409549.44	4910610.25	80.33	0	D	A	66.9	-24.8	0.0	5.7	0.0	0.0	36.3
295	409633.77	4910616.87	79.85	0	D	A	66.9	-24.4	0.0	9.8	0.0	0.0	32.6
296	409633.18	4910620.32	79.85	0	D	A	66.9	-24.4	0.0	7.3	0.0	0.0	35.1
307	409599.10	4910611.68	80.22	0	D	A	66.9	-25.1	0.0	9.4	0.0	0.0	32.4
308	409598.65	4910615.15	80.22	0	D	A	66.9	-25.1	0.0	6.6	0.0	0.0	35.2
309	409549.72	4910606.76	83.89	0	D	A	66.0	-24.7	0.0	4.5	0.0	0.0	36.8
310	409549.44	4910610.25	83.89	0	D	A	66.0	-24.6	0.0	5.1	0.0	0.0	36.2
311	409633.77	4910616.87	83.41	0	D	A	66.0	-24.3	0.0	4.8	0.0	0.0	36.8
312	409633.18	4910620.32	83.41	0	D	A	66.0	-24.4	0.0	5.2	0.0	0.0	36.4
315	409484.67	4910602.69	80.92	0	D	A	66.9	-27.7	0.0	7.3	0.0	0.0	31.9
316	409484.50	4910606.19	80.92	0	D	A	66.9	-26.8	0.0	4.4	0.0	0.0	35.7
317	409599.10	4910611.68	83.78	0	D	A	66.0	-25.0	0.0	4.9	0.0	0.0	36.1
318	409598.65	4910615.15	83.78	0	D	A	66.0	-25.0	0.0	5.2	0.0	0.0	35.9
325	409516.70	4910604.20	83.92	0	D	A	66.0	-37.3	0.0	4.5	0.0	0.0	24.1
326	409482.12	4910602.57	84.53	0	D	A	66.0	-27.0	0.0	0.5	0.0	0.0	38.5

Road, TNM, Name: "Highway 401 EB", ID: "HW401EB"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
327	409516.77	4910607.71	83.92	0	D	A	66.0	-37.2	0.0	5.4	0.0	0.0	23.4
328	409482.19	4910606.08	84.52	0	D	A	66.0	-26.5	0.0	1.4	0.0	0.0	38.1
341	409549.72	4910606.76	81.75	0	D	A	61.8	-24.8	0.0	6.2	0.0	0.0	30.8
342	409549.44	4910610.25	81.75	0	D	A	61.8	-24.7	0.0	6.9	0.0	0.0	30.2
343	409633.77	4910616.87	81.27	0	D	A	61.8	-24.4	0.0	5.2	0.0	0.0	32.3
344	409633.18	4910620.32	81.27	0	D	A	61.8	-24.4	0.0	6.1	0.0	0.0	31.3
345	409599.10	4910611.68	81.64	0	D	A	61.8	-25.0	0.0	5.3	0.0	0.0	31.5
346	409598.65	4910615.15	81.64	0	D	A	61.8	-25.0	0.0	6.3	0.0	0.0	30.5
349	409486.23	4910602.77	82.32	0	D	A	61.8	-27.4	0.0	6.4	0.0	0.0	28.0
350	409451.64	4910601.14	82.92	0	D	A	61.8	-41.4	0.0	2.5	0.0	0.0	18.0
351	409486.30	4910606.27	82.32	0	D	A	61.8	-26.7	0.0	6.9	0.0	0.0	28.2
352	409451.71	4910604.65	82.92	0	D	A	61.8	-40.1	0.0	2.7	0.0	0.0	19.0

Road, TNM, Name: "Highway 401 WB", ID: "HW401WB"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
23	410085.75	4910793.42	84.24	0	D	A	66.9	-21.9	0.0	11.1	0.0	0.0	33.9
24	409991.99	4910758.67	83.26	0	D	A	66.9	-20.6	0.0	5.9	0.0	0.0	40.4
25	409936.81	4910738.22	82.68	0	D	A	66.9	-21.3	0.0	2.2	0.0	0.0	43.4
26	409900.03	4910724.58	82.29	0	D	A	66.9	-19.3	0.0	2.9	0.0	0.0	44.6
27	410096.57	4910801.16	84.36	0	D	A	66.9	-23.3	0.0	10.1	0.0	0.0	33.4
28	410008.82	4910768.64	83.45	0	D	A	66.9	-20.7	0.0	3.2	0.0	0.0	43.0
29	409944.62	4910744.84	82.77	0	D	A	66.9	-21.1	0.0	1.7	0.0	0.0	44.0
30	409901.82	4910728.98	82.32	0	D	A	66.9	-19.0	0.0	2.1	0.0	0.0	45.8
38	410077.46	4910790.35	87.71	0	D	A	66.0	-21.0	0.0	0.8	0.0	0.0	44.2
39	409979.55	4910754.06	86.69	0	D	A	66.0	-20.6	0.0	0.2	0.0	0.0	45.2
40	409914.27	4910729.86	86.00	0	D	A	66.0	-17.5	0.0	0.3	0.0	0.0	48.2
41	410076.24	4910793.63	87.71	0	D	A	66.0	-21.0	0.0	0.7	0.0	0.0	44.2
42	409978.33	4910757.34	86.69	0	D	A	66.0	-20.7	0.0	0.1	0.0	0.0	45.1
43	409913.06	4910733.14	86.00	0	D	A	66.0	-17.7	0.0	0.3	0.0	0.0	48.0
94	409862.54	4910710.99	81.92	0	D	A	66.9	-17.2	0.0	5.2	0.0	0.0	44.4
95	409824.40	4910697.45	81.55	0	D	A	66.9	-15.9	0.0	1.4	0.0	0.0	49.6
96	409861.37	4910714.29	81.92	0	D	A	66.9	-17.5	0.0	-0.5	0.0	0.0	49.9
97	409823.23	4910700.75	81.55	0	D	A	66.9	-16.2	0.0	0.4	0.0	0.0	50.3
108	409862.54	4910710.99	85.48	0	D	A	66.0	-17.2	0.0	0.1	0.0	0.0	48.6
109	409824.40	4910697.45	85.11	0	D	A	66.0	-15.9	0.0	-0.4	0.0	0.0	50.5
110	409861.37	4910714.29	85.48	0	D	A	66.0	-17.5	0.0	0.2	0.0	0.0	48.3
111	409823.23	4910700.75	85.11	0	D	A	66.0	-16.2	0.0	-0.3	0.0	0.0	50.1
112	410116.14	4910804.68	85.98	0	D	A	61.8	-26.2	0.0	7.4	0.0	0.0	28.2
113	410037.57	4910775.56	85.16	0	D	A	61.8	-20.7	0.0	3.0	0.0	0.0	38.1
114	409959.61	4910746.66	84.34	0	D	A	61.8	-20.8	0.0	1.9	0.0	0.0	39.2
115	409907.63	4910727.40	83.80	0	D	A	61.8	-18.2	0.0	0.8	0.0	0.0	42.8
116	410126.96	4910812.43	86.11	0	D	A	61.8	-29.1	0.0	7.3	0.0	0.0	25.4
117	410054.41	4910785.53	85.35	0	D	A	61.8	-20.9	0.0	3.3	0.0	0.0	37.6
118	409967.41	4910753.29	84.44	0	D	A	61.8	-20.8	0.0	1.7	0.0	0.0	39.3
119	409909.42	4910731.79	83.83	0	D	A	61.8	-18.0	0.0	0.8	0.0	0.0	43.0
120	409793.89	4910687.04	81.24	0	D	A	66.9	-18.2	0.0	1.3	0.0	0.0	47.4
121	409771.10	4910679.79	80.97	0	D	A	66.9	-19.0	0.0	1.5	0.0	0.0	46.4
122	409792.83	4910690.37	81.24	0	D	A	66.9	-18.5	0.0	0.0	0.0	0.0	48.3
123	409770.04	4910683.13	80.97	0	D	A	66.9	-19.2	0.0	0.3	0.0	0.0	47.3
132	409751.19	4910673.92	80.80	0	D	A	66.9	-21.3	0.0	1.9	0.0	0.0	43.7
133	409722.09	4910666.24	80.65	0	D	A	66.9	-19.0	0.0	2.6	0.0	0.0	45.4
134	409748.71	4910676.88	80.79	0	D	A	66.9	-20.8	0.0	0.8	0.0	0.0	45.2
135	409719.60	4910669.21	80.65	0	D	A	66.9	-19.5	0.0	1.6	0.0	0.0	45.7
154	409793.89	4910687.04	84.80	0	D	A	66.0	-18.2	0.0	-0.2	0.0	0.0	48.0
155	409771.10	4910679.79	84.53	0	D	A	66.0	-18.9	0.0	-0.4	0.0	0.0	47.4
156	409792.83	4910690.37	84.80	0	D	A	66.0	-18.5	0.0	-0.2	0.0	0.0	47.7
157	409770.04	4910683.13	84.53	0	D	A	66.0	-19.2	0.0	-0.3	0.0	0.0	47.1
164	409751.19	4910673.92	84.36	0	D	A	66.0	-21.3	0.0	0.0	0.0	0.0	44.7
165	409722.09	4910666.24	84.21	0	D	A	66.0	-18.9	0.0	0.1	0.0	0.0	47.0
166	409748.71	4910676.88	84.35	0	D	A	66.0	-20.8	0.0	0.1	0.0	0.0	45.1
167	409719.60	4910669.21	84.21	0	D	A	66.0	-19.5	0.0	0.1	0.0	0.0	46.3
168	409676.53	4910655.78	80.42	0	D	A	66.9	-20.5	0.0	6.2	0.0	0.0	40.2

Road, TNM, Name: "Highway 401 WB", ID: "HW401WB"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
169	409651.38	4910650.71	80.29	0	D	A	66.9	-40.0	0.0	8.8	0.0	0.0	18.0
170	409647.45	4910649.92	80.27	0	D	A	66.9	-30.3	0.0	9.3	0.0	0.0	27.2
171	409628.82	4910646.17	80.18	0	D	A	66.9	-24.8	0.0	9.5	0.0	0.0	32.6
172	409671.82	4910658.40	80.40	0	D	A	66.9	-20.1	0.0	2.3	0.0	0.0	44.4
173	409642.62	4910652.52	80.25	0	D	A	66.9	-40.2	0.0	8.0	0.0	0.0	18.6
174	409638.77	4910651.74	80.23	0	D	A	66.9	-30.8	0.0	8.4	0.0	0.0	27.6
175	409624.18	4910648.80	80.16	0	D	A	66.9	-26.3	0.0	8.6	0.0	0.0	32.0
187	409862.54	4910710.99	83.34	0	D	A	61.8	-17.2	0.0	0.9	0.0	0.0	43.7
188	409824.40	4910697.45	82.98	0	D	A	61.8	-15.9	0.0	0.3	0.0	0.0	45.7
189	409861.37	4910714.29	83.34	0	D	A	61.8	-17.5	0.0	1.1	0.0	0.0	43.3
190	409823.23	4910700.75	82.98	0	D	A	61.8	-16.2	0.0	0.5	0.0	0.0	45.2
191	409676.53	4910655.78	83.98	0	D	A	66.0	-20.5	0.0	0.4	0.0	0.0	45.1
192	409651.38	4910650.71	83.85	0	D	A	66.0	-40.0	0.0	5.3	0.0	0.0	20.7
193	409649.81	4910650.39	83.85	0	D	A	66.0	-34.9	0.0	5.6	0.0	0.0	25.4
194	409631.17	4910646.64	83.75	0	D	A	66.0	-24.1	0.0	5.7	0.0	0.0	36.2
195	409671.82	4910658.40	83.96	0	D	A	66.0	-20.1	0.0	0.4	0.0	0.0	45.5
196	409642.62	4910652.52	83.81	0	D	A	66.0	-40.2	0.0	5.2	0.0	0.0	20.6
197	409641.13	4910652.22	83.80	0	D	A	66.0	-35.7	0.0	5.6	0.0	0.0	24.7
198	409626.53	4910649.28	83.73	0	D	A	66.0	-25.4	0.0	5.7	0.0	0.0	34.9
207	410852.24	4911077.36	80.27	0	D	A	66.9	-26.5	0.0	22.3	0.0	0.0	18.1
208	410529.74	4910958.30	83.47	0	D	A	66.9	-29.4	0.0	24.3	0.0	0.0	13.1
209	410437.13	4910924.12	84.39	0	D	A	66.9	-32.1	0.0	23.9	0.0	0.0	10.8
210	410363.34	4910896.88	85.12	0	D	A	66.9	-28.7	0.0	23.6	0.0	0.0	14.6
211	410313.54	4910878.49	85.61	0	D	A	66.9	-39.8	0.0	9.6	0.0	0.0	17.5
212	410867.19	4911086.61	80.11	0	D	A	66.9	-26.9	0.0	22.1	0.0	0.0	17.9
213	410558.15	4910972.53	83.18	0	D	A	66.9	-29.6	0.0	24.1	0.0	0.0	13.2
214	410461.75	4910936.94	84.13	0	D	A	66.9	-32.3	0.0	23.6	0.0	0.0	11.0
215	410384.92	4910908.57	84.89	0	D	A	66.9	-28.8	0.0	23.3	0.0	0.0	14.8
216	410322.76	4910885.63	85.51	0	D	A	66.9	-33.5	0.0	6.9	0.0	0.0	26.5
217	409189.77	4910654.13	82.93	0	D	A	66.9	-26.4	0.0	6.0	0.0	0.0	34.5
218	408994.01	4910682.36	84.86	0	D	A	66.9	-28.7	0.0	9.1	0.0	0.0	29.0
219	408700.36	4910724.71	87.76	0	D	A	66.9	-28.2	0.0	4.7	0.0	0.0	33.9
220	409190.27	4910657.59	82.93	0	D	A	66.9	-26.4	0.0	8.2	0.0	0.0	32.3
221	408994.51	4910685.82	84.86	0	D	A	66.9	-28.7	0.0	11.2	0.0	0.0	27.0
222	408700.86	4910728.17	87.76	0	D	A	66.9	-28.2	0.0	14.7	0.0	0.0	24.0
231	410852.24	4911077.36	83.83	0	D	A	66.0	-26.4	0.0	18.7	0.0	0.0	20.8
232	410529.74	4910958.30	87.03	0	D	A	66.0	-29.4	0.0	21.2	0.0	0.0	15.3
233	410437.13	4910924.12	87.95	0	D	A	66.0	-32.1	0.0	20.7	0.0	0.0	13.1
234	410363.34	4910896.88	88.68	0	D	A	66.0	-28.6	0.0	20.2	0.0	0.0	17.1
235	410313.54	4910878.49	89.17	0	D	A	66.0	-39.8	0.0	7.8	0.0	0.0	18.4
236	410867.19	4911086.61	83.67	0	D	A	66.0	-26.9	0.0	18.7	0.0	0.0	20.4
237	410558.15	4910972.53	86.74	0	D	A	66.0	-29.6	0.0	21.1	0.0	0.0	15.3
238	410461.75	4910936.94	87.69	0	D	A	66.0	-32.3	0.0	20.6	0.0	0.0	13.1
239	410384.92	4910908.57	88.45	0	D	A	66.0	-28.8	0.0	20.3	0.0	0.0	16.9
240	410322.76	4910885.63	89.07	0	D	A	66.0	-33.5	0.0	7.9	0.0	0.0	24.6
241	409189.77	4910654.13	86.49	0	D	A	66.0	-26.3	0.0	2.1	0.0	0.0	37.6
242	408994.01	4910682.36	88.42	0	D	A	66.0	-28.7	0.0	2.5	0.0	0.0	34.8
243	408700.36	4910724.71	91.32	0	D	A	66.0	-28.2	0.0	5.6	0.0	0.0	32.1
244	409190.27	4910657.59	86.49	0	D	A	66.0	-26.3	0.0	1.8	0.0	0.0	37.8
245	408994.51	4910685.82	88.42	0	D	A	66.0	-28.7	0.0	2.3	0.0	0.0	35.0
246	408700.86	4910728.17	91.32	0	D	A	66.0	-28.2	0.0	5.7	0.0	0.0	32.1
247	409793.89	4910687.04	82.66	0	D	A	61.8	-18.2	0.0	-0.3	0.0	0.0	43.9
248	409771.10	4910679.79	82.40	0	D	A	61.8	-19.0	0.0	0.0	0.0	0.0	42.9
249	409792.83	4910690.37	82.66	0	D	A	61.8	-18.5	0.0	-0.1	0.0	0.0	43.4
250	409770.04	4910683.13	82.40	0	D	A	61.8	-19.2	0.0	0.2	0.0	0.0	42.4
257	409751.19	4910673.92	82.23	0	D	A	61.8	-21.3	0.0	0.3	0.0	0.0	40.2
258	409722.09	4910666.24	82.08	0	D	A	61.8	-18.9	0.0	0.4	0.0	0.0	42.5
259	409748.71	4910676.88	82.22	0	D	A	61.8	-20.8	0.0	0.5	0.0	0.0	40.5
260	409719.60	4910669.21	82.07	0	D	A	61.8	-19.5	0.0	0.6	0.0	0.0	41.7
261	409573.05	4910638.54	80.22	0	D	A	66.9	-22.5	0.0	3.4	0.0	0.0	40.9
262	409572.66	4910642.02	80.22	0	D	A	66.9	-22.5	0.0	7.2	0.0	0.0	37.1
263	409676.53	4910655.78	81.85	0	D	A	61.8	-20.5	0.0	0.6	0.0	0.0	40.7
264	409651.38	4910650.71	81.72	0	D	A	61.8	-40.0	0.0	5.9	0.0	0.0	15.9

Road, TNM, Name: "Highway 401 WB", ID: "HW401WB"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
265	409648.40	4910650.11	81.70	0	D	A	61.8	-31.6	0.0	6.1	0.0	0.0	24.1
266	409629.76	4910646.36	81.61	0	D	A	61.8	-24.5	0.0	6.2	0.0	0.0	31.2
267	409671.82	4910658.40	81.83	0	D	A	61.8	-20.1	0.0	0.7	0.0	0.0	41.0
268	409642.62	4910652.52	81.68	0	D	A	61.8	-40.2	0.0	6.0	0.0	0.0	15.7
269	409639.71	4910651.93	81.66	0	D	A	61.8	-32.2	0.0	6.1	0.0	0.0	23.5
270	409625.12	4910648.99	81.59	0	D	A	61.8	-25.9	0.0	6.2	0.0	0.0	29.7
271	409573.05	4910638.54	83.78	0	D	A	66.0	-22.5	0.0	5.3	0.0	0.0	38.2
272	409572.66	4910642.02	83.78	0	D	A	66.0	-22.5	0.0	5.3	0.0	0.0	38.2
281	410204.02	4910837.38	85.47	0	D	A	66.9	-24.5	0.0	12.3	0.0	0.0	30.1
282	410202.79	4910840.66	85.47	0	D	A	66.9	-24.6	0.0	11.3	0.0	0.0	31.0
283	410852.24	4911077.36	81.70	0	D	A	61.8	-26.5	0.0	22.1	0.0	0.0	13.3
284	410529.74	4910958.30	84.89	0	D	A	61.8	-29.4	0.0	24.2	0.0	0.0	8.2
285	410437.13	4910924.12	85.81	0	D	A	61.8	-32.1	0.0	23.5	0.0	0.0	6.2
286	410363.34	4910896.88	86.54	0	D	A	61.8	-28.7	0.0	23.2	0.0	0.0	10.0
287	410313.54	4910878.49	87.04	0	D	A	61.8	-39.8	0.0	11.5	0.0	0.0	10.6
288	410867.19	4911086.61	81.54	0	D	A	61.8	-26.9	0.0	21.9	0.0	0.0	13.0
289	410558.15	4910972.53	84.60	0	D	A	61.8	-29.6	0.0	23.8	0.0	0.0	8.4
290	410461.75	4910936.94	85.56	0	D	A	61.8	-32.3	0.0	23.1	0.0	0.0	6.4
291	410384.92	4910908.57	86.32	0	D	A	61.8	-28.8	0.0	22.7	0.0	0.0	10.3
292	410322.76	4910885.63	86.93	0	D	A	61.8	-33.5	0.0	11.4	0.0	0.0	17.0
297	409189.77	4910654.13	84.35	0	D	A	61.8	-26.4	0.0	4.6	0.0	0.0	30.9
298	408994.01	4910682.36	86.29	0	D	A	61.8	-28.7	0.0	5.3	0.0	0.0	27.8
299	408700.36	4910724.71	89.19	0	D	A	61.8	-28.2	0.0	9.9	0.0	0.0	23.7
300	409190.27	4910657.59	84.35	0	D	A	61.8	-26.4	0.0	4.6	0.0	0.0	30.9
301	408994.51	4910685.82	86.29	0	D	A	61.8	-28.7	0.0	5.1	0.0	0.0	28.0
302	408700.86	4910728.17	89.19	0	D	A	61.8	-28.2	0.0	11.3	0.0	0.0	22.4
303	410223.07	4910844.49	89.22	0	D	A	66.0	-26.6	0.0	6.1	0.0	0.0	33.3
304	410161.79	4910821.64	88.59	0	D	A	66.0	-28.8	0.0	1.4	0.0	0.0	35.9
305	410233.96	4910852.28	89.35	0	D	A	66.0	-28.3	0.0	6.0	0.0	0.0	31.7
306	410172.68	4910829.44	88.72	0	D	A	66.0	-26.9	0.0	1.4	0.0	0.0	37.7
313	409500.11	4910632.25	80.34	0	D	A	66.9	-25.7	0.0	10.4	0.0	0.0	30.7
314	409499.92	4910635.75	80.34	0	D	A	66.9	-25.7	0.0	8.5	0.0	0.0	32.6
319	409411.12	4910631.66	80.76	0	D	A	66.9	-28.2	0.0	8.8	0.0	0.0	29.8
320	409411.21	4910635.16	80.76	0	D	A	66.9	-27.5	0.0	7.2	0.0	0.0	32.2
321	409524.64	4910633.56	83.90	0	D	A	66.0	-31.2	0.0	5.1	0.0	0.0	29.6
322	409492.34	4910631.84	83.90	0	D	A	66.0	-27.0	0.0	0.5	0.0	0.0	38.4
323	409524.93	4910637.08	83.90	0	D	A	66.0	-31.5	0.0	5.2	0.0	0.0	29.3
324	409492.63	4910635.36	83.90	0	D	A	66.0	-27.0	0.0	0.8	0.0	0.0	38.3
329	409573.05	4910638.54	81.65	0	D	A	61.8	-22.5	0.0	6.5	0.0	0.0	32.8
330	409572.66	4910642.02	81.65	0	D	A	61.8	-22.5	0.0	6.9	0.0	0.0	32.4
331	409411.12	4910631.66	84.32	0	D	A	66.0	-27.3	0.0	1.1	0.0	0.0	37.6
332	409411.21	4910635.16	84.32	0	D	A	66.0	-26.9	0.0	1.6	0.0	0.0	37.6
333	409365.70	4910633.07	81.14	0	D	A	66.9	-39.6	0.0	7.5	0.0	0.0	19.7
334	409325.38	4910636.65	81.56	0	D	A	66.9	-28.8	0.0	1.8	0.0	0.0	36.2
335	409366.15	4910636.54	81.13	0	D	A	66.9	-40.0	0.0	6.4	0.0	0.0	20.5
336	409325.83	4910640.13	81.56	0	D	A	66.9	-28.9	0.0	1.0	0.0	0.0	36.9
337	410204.02	4910837.38	86.89	0	D	A	61.8	-24.5	0.0	8.6	0.0	0.0	28.7
338	410202.79	4910840.66	86.89	0	D	A	61.8	-24.6	0.0	8.5	0.0	0.0	28.8
339	409328.08	4910636.41	85.10	0	D	A	66.0	-28.3	0.0	2.4	0.0	0.0	35.3
340	409328.39	4910639.90	85.10	0	D	A	66.0	-28.3	0.0	2.5	0.0	0.0	35.1
347	409500.11	4910632.25	81.77	0	D	A	61.8	-25.7	0.0	6.8	0.0	0.0	29.3
348	409499.92	4910635.75	81.77	0	D	A	61.8	-25.7	0.0	7.2	0.0	0.0	29.0
353	410287.92	4910868.81	85.87	0	D	A	66.9	-30.6	0.0	8.0	0.0	0.0	28.3
354	410286.68	4910872.08	85.87	0	D	A	66.9	-30.6	0.0	7.6	0.0	0.0	28.6
355	409435.54	4910631.00	81.99	0	D	A	61.8	-31.1	0.0	7.2	0.0	0.0	23.5
356	409392.94	4910632.16	82.34	0	D	A	61.8	-30.6	0.0	3.2	0.0	0.0	28.1
357	409435.87	4910634.49	81.99	0	D	A	61.8	-30.5	0.0	7.2	0.0	0.0	24.1
358	409393.26	4910635.65	82.33	0	D	A	61.8	-29.9	0.0	2.9	0.0	0.0	29.0
359	410287.92	4910868.81	89.43	0	D	A	66.0	-30.6	0.0	7.2	0.0	0.0	28.2
360	410286.68	4910872.08	89.43	0	D	A	66.0	-30.6	0.0	6.9	0.0	0.0	28.5
361	409328.08	4910636.41	82.96	0	D	A	61.8	-28.4	0.0	2.9	0.0	0.0	30.6
362	409328.39	4910639.90	82.96	0	D	A	61.8	-28.5	0.0	2.6	0.0	0.0	30.8
363	409460.75	4910630.52	80.38	0	D	A	66.9	-33.7	0.0	10.7	0.0	0.0	22.4

Road, TNM, Name: "Highway 401 WB", ID: "HW401WB"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
364	409460.74	4910634.02	80.38	0	D	A	66.9	-33.6	0.0	8.5	0.0	0.0	24.7
365	409460.75	4910630.52	83.94	0	D	A	66.0	-33.4	0.0	0.6	0.0	0.0	32.0
366	409460.74	4910634.02	83.94	0	D	A	66.0	-33.4	0.0	1.0	0.0	0.0	31.6
367	410287.92	4910868.81	87.30	0	D	A	61.8	-30.6	0.0	10.4	0.0	0.0	20.8
368	410286.68	4910872.08	87.30	0	D	A	61.8	-30.6	0.0	10.1	0.0	0.0	21.2
369	409460.75	4910630.52	81.81	0	D	A	61.8	-33.6	0.0	7.0	0.0	0.0	21.2
370	409460.74	4910634.02	81.81	0	D	A	61.8	-33.5	0.0	7.2	0.0	0.0	21.1

Road, TNM, Name: "Thousand Islands Parkway", ID: "Thousand"													
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	Ad	Aair	Agr	Afol	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
371	409144.09	4910069.17	86.32	0	D	A	52.4	-36.9	0.0	13.6	0.0	0.0	2.0
372	409310.86	4909991.61	88.82	0	D	A	52.4	-26.1	0.0	11.3	0.0	0.0	15.0
373	409141.83	4910066.36	86.31	0	D	A	52.4	-37.2	0.0	13.7	0.0	0.0	1.6
374	409308.61	4909988.80	88.81	0	D	A	52.4	-26.2	0.0	11.2	0.0	0.0	15.1
375	410561.30	4909856.45	77.10	0	D	A	52.4	-45.0	0.0	26.5	0.0	0.0	-19.1
376	410592.88	4909868.20	77.10	0	D	A	52.4	-35.8	0.0	22.7	0.0	0.0	-6.1
377	410662.15	4909893.99	77.10	0	D	A	52.4	-34.5	0.0	19.6	0.0	0.0	-1.6
378	410739.78	4909922.90	77.10	0	D	A	52.4	-35.3	0.0	23.0	0.0	0.0	-5.9
379	410933.42	4909994.99	77.10	0	D	A	52.4	-29.9	0.0	21.6	0.0	0.0	0.9
380	411100.59	4910057.22	77.10	0	D	A	52.4	-42.6	0.0	23.5	0.0	0.0	-13.7
381	410563.24	4909853.43	77.10	0	D	A	52.4	-44.2	0.0	26.5	0.0	0.0	-18.3
382	410595.63	4909865.49	77.10	0	D	A	52.4	-35.9	0.0	22.7	0.0	0.0	-6.1
383	410665.15	4909891.37	77.10	0	D	A	52.4	-34.5	0.0	19.6	0.0	0.0	-1.6
384	410743.07	4909920.38	77.10	0	D	A	52.4	-35.3	0.0	23.0	0.0	0.0	-5.9
385	410937.41	4909992.74	77.10	0	D	A	52.4	-29.9	0.0	20.9	0.0	0.0	1.6
386	411103.48	4910054.56	77.10	0	D	A	52.4	-43.4	0.0	23.6	0.0	0.0	-14.5
387	409873.94	4909813.72	81.86	0	D	A	52.4	-43.2	0.0	16.5	0.0	0.0	-7.3
388	409877.80	4909813.52	81.78	0	D	A	52.4	-49.5	0.0	16.5	0.0	0.0	-13.6
389	409881.63	4909813.32	81.70	0	D	A	52.4	-43.3	0.0	16.4	0.0	0.0	-7.3
390	409885.34	4909813.12	81.63	0	D	A	52.4	-50.2	0.0	20.8	0.0	0.0	-18.6
391	409887.03	4909813.04	81.60	0	D	A	52.4	-47.9	0.0	20.9	0.0	0.0	-16.3
392	409889.50	4909812.91	81.55	0	D	A	52.4	-46.7	0.0	21.5	0.0	0.0	-15.8
393	409893.05	4909812.72	81.48	0	D	A	52.4	-44.9	0.0	21.7	0.0	0.0	-14.1
394	409900.04	4909812.36	81.33	0	D	A	52.4	-41.4	0.0	22.5	0.0	0.0	-11.4
395	409904.95	4909812.10	81.24	0	D	A	52.4	-60.0	0.0	16.2	0.0	0.0	-23.7
396	409907.99	4909811.94	81.18	0	D	A	52.4	-43.5	0.0	16.2	0.0	0.0	-7.3
397	409915.39	4909811.56	81.03	0	D	A	52.4	-41.8	0.0	16.2	0.0	0.0	-5.6
398	409922.27	4909811.20	80.89	0	D	A	52.4	-44.4	0.0	19.1	0.0	0.0	-11.0
399	409925.80	4909811.01	80.82	0	D	A	52.4	-47.9	0.0	21.6	0.0	0.0	-17.1
400	409927.79	4909810.91	80.78	0	D	A	52.4	-48.7	0.0	23.6	0.0	0.0	-19.9
401	409930.95	4909810.75	80.71	0	D	A	52.4	-44.7	0.0	24.7	0.0	0.0	-17.0
402	409933.25	4909810.63	80.67	0	D	A	52.4	-62.2	0.0	24.9	0.0	0.0	-34.7
403	409936.75	4909810.44	80.60	0	D	A	52.4	-42.9	0.0	28.1	0.0	0.0	-18.6
404	409941.84	4909810.18	80.50	0	D	A	52.4	-46.2	0.0	18.4	0.0	0.0	-12.2
405	409947.36	4909809.89	80.39	0	D	A	52.4	-42.4	0.0	23.0	0.0	0.0	-13.0