Acoustical Consultants Inc.

Addendum

March 8, 2022

Infinity Development Group
2275 Upper Middle Road East
Oakville, ON
L6H 0C3

Attn: Arjun Anand

Our File NO: 22-2232

RE: Request an Addendum to Address D6 Noise Guidelines for 1396 Guelph Line Burlington ON

It has been brought to our attention that the City of Burlington is asking for dBA Acoustical Consultants Inc., consider the Ministry of Environment, Conservation and Parks (MECP) D6 and if it applies to the noise study submitted for the above noted development at 1396 Guelph Line Burlington ON.

Let us explain that there are no area industries in the general area of the site development that would require applying the D6 guidelines except the Hydro lines located north of the proposed site. See attachment below for D6 setback requirements for a Class 1 Industrial.

The Hydro lines and towers are located approximately 25m from the north façade of the proposed development site. On March 8th, 2022, an on-site visit was conducted to acquire noise levels of the possible sound emanating from the Hydro lines or towers. dBA staff, attended the site and confirmed that the traffic background noise level from Guelph Line traffic noise was the predominant source.

It is our opinion that MECP D6 noise guidelines do not apply to this site development as no sound was emanating from the Hydro lines, or towers therefore, the D6 setback requirements do not apply.

It should be noted that the noise level of Guelph Line traffic noise was noted and calculated at 66dba for daytime and 58dba for night-time at the property line of the proposed site development.

It should be noted that proposed for all exterior windows and patio doors for this project require and STC-30 and 32 rating that will prevent any noise from the Hydro lines and /or Towers (if any) to contribute to the indoor noise levels already established for the exterior facades of the traffic noise.

Therefore, in conclusion, the Hydro lines and/or towers have no acoustical impact on the proposed site development for a D6 Class 1, Designation.

Should you require further information or clarification, please feel free to contact the undersigned.

Respectfully submitted,
dBA Acoustical Consultants Inc.

Frank Westaway, Owner
Qualified Acoustical Consultant

1396 Guelph Line Traffic
& Hydro Lines & Towers Location

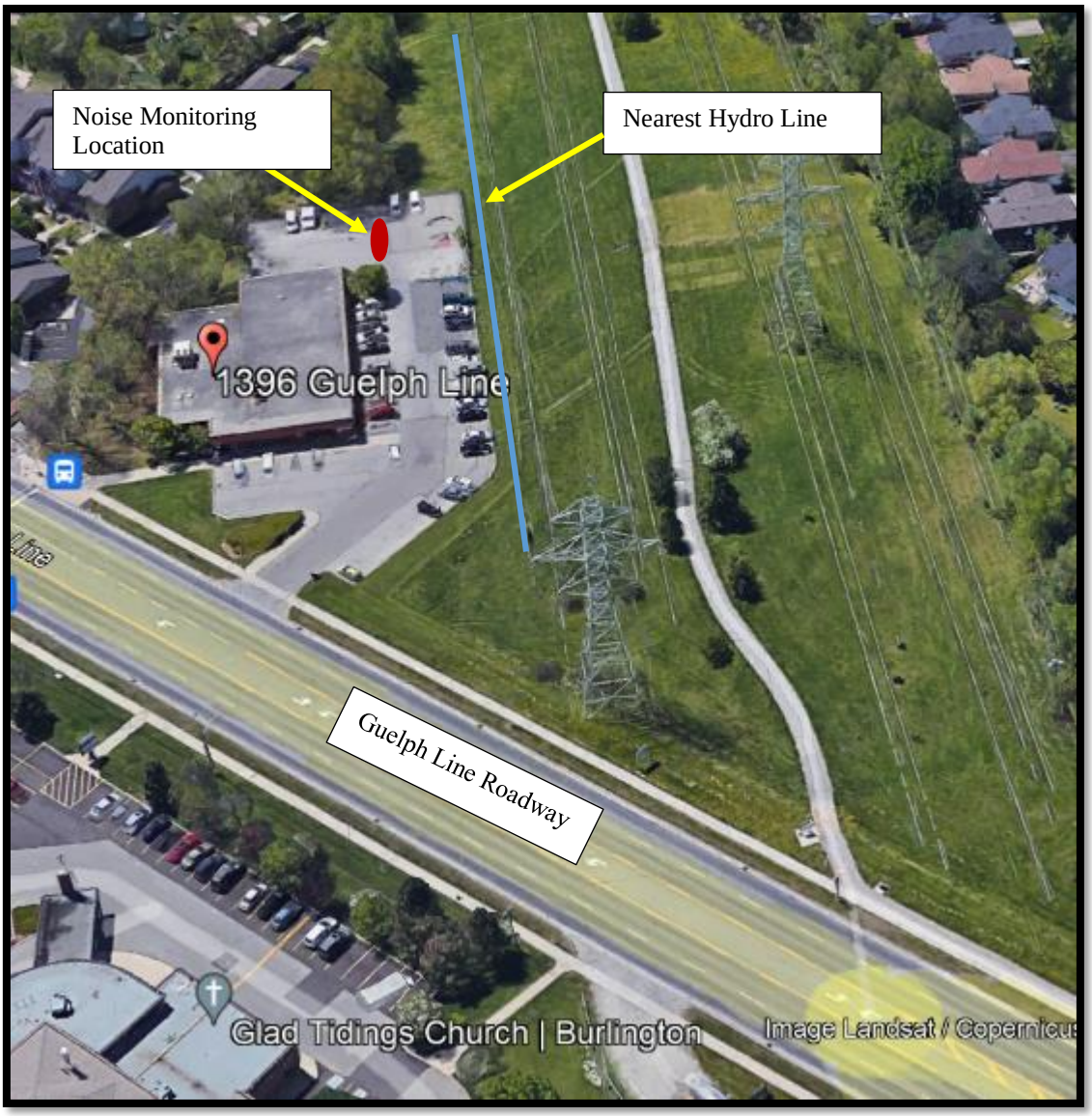


Table B-1
Exclusion Limit Values of One-Hour Equivalent Sound Level (L_{eq}, dBA)
Outdoor Points of Reception

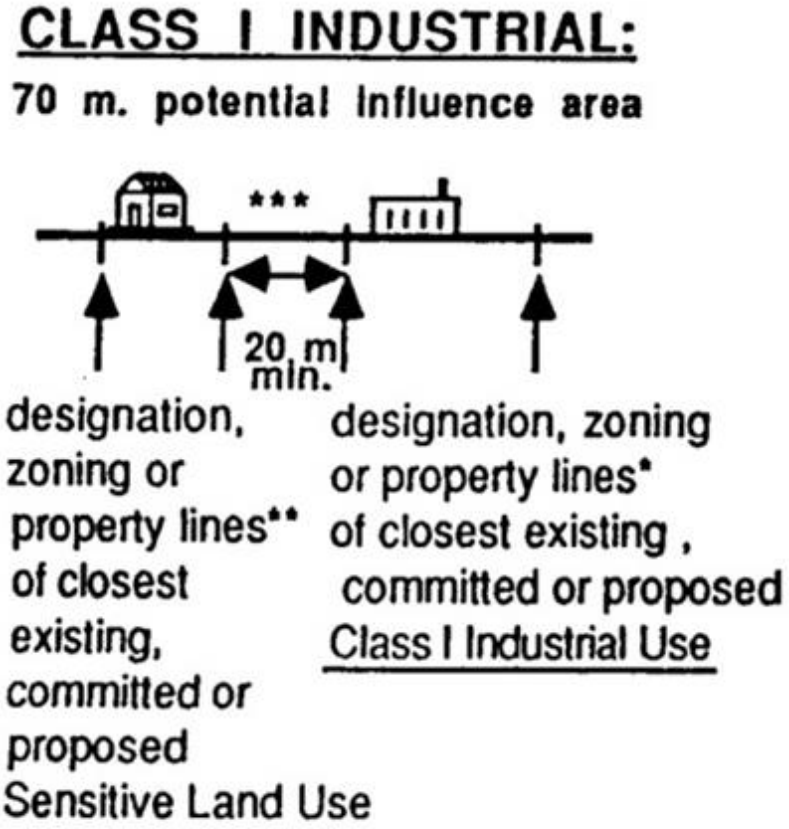
Time of Day	Class 1 Area	Class 2 Area	Class 3 Area	Class 4 Area
07:00 – 19:00	50	50	45	55
19:00 – 23:00	50	45	40	55

Table B-2
Exclusion Limit Values of One-Hour Equivalent Sound Level (L_{eq}, dBA)
Plane of Window of Noise Sensitive Spaces

Time of Day	Class 1 Area	Class 2 Area	Class 3 Area	Class 4 Area
07:00 – 19:00	50	50	45	60
19:00 – 23:00	50	50	40	60
23:00 – 07:00	45	45	40	55

Section view

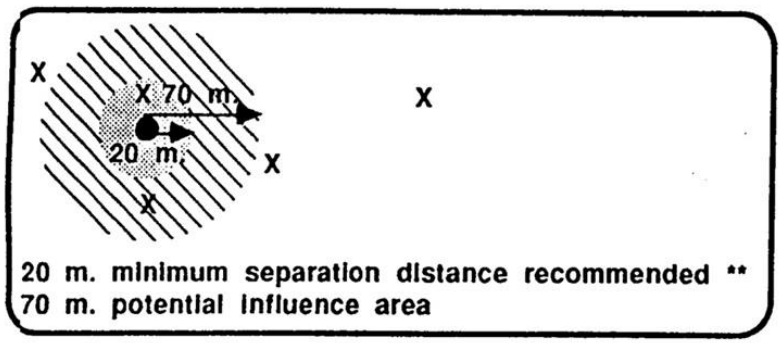
This diagram shows the designation, zoning or property lines of an existing, committed or p sensitive land use in relation to the designation, zoning or property lines of the closest exist committed or proposed Class I industrial use.



Plan view

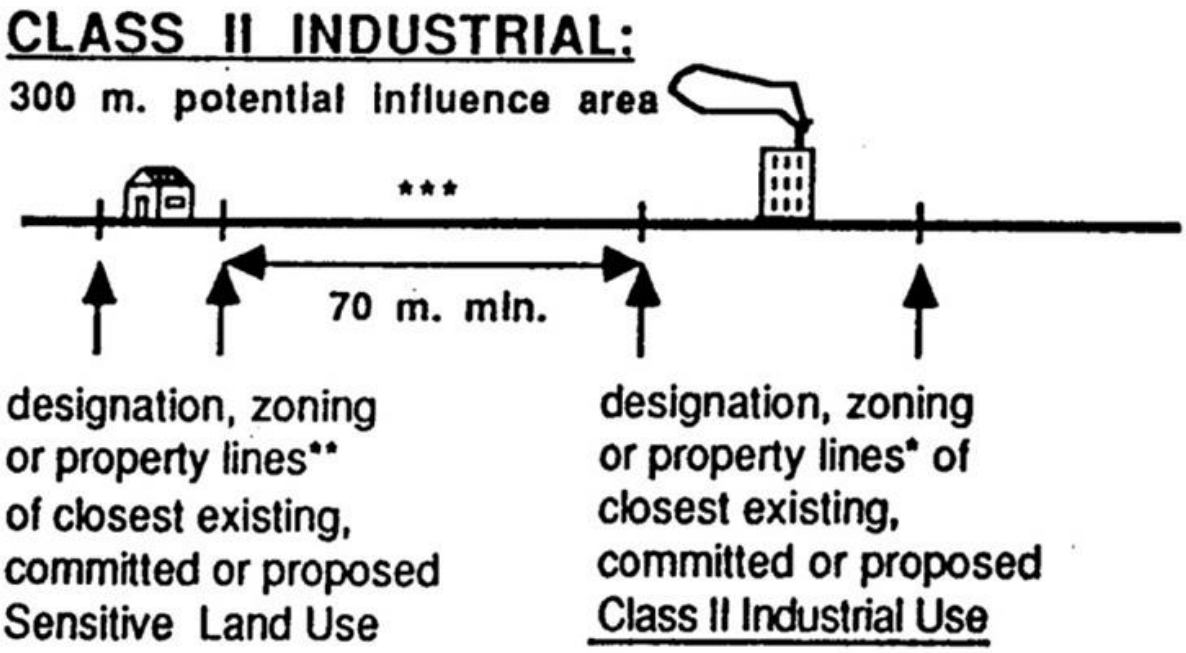
This diagram shows an overhead view of the recommended minimum separation distance (20 metres), potential or actual influence area distance (70 metres), and acceptable range (greater than 70 metres) between sensitive land use and Class I industrial use.

The solid black dot indicates an existing land use, and the Xs indicate a proposed land use.



Section view

This diagram shows the designation, zoning or property lines of an existing, committed or proposed sensitive land use in relation to the designation, zoning or property lines of the closest existing, committed or proposed Class II Industrial Use.

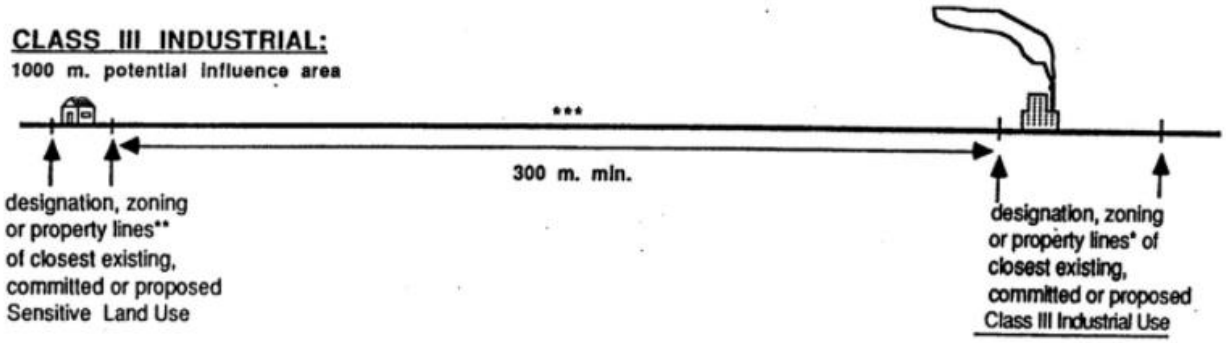


Plan view

This diagram shows an overhead view of the recommended minimum separation distance (70 metres), potential or actual influence area (300 metres), and acceptable range (greater than 300 metres) between sensitive land use and Class II industrial use.

Section view

This diagram shows the designation, zoning or property lines of an existing, committed or proposed Sensitive Land Use in relation to the designation, zoning or property lines of the closest existing, committed or proposed Class III Industrial Use.



Enlarge this image.

Plan view

This diagram shows an overhead view of the recommended minimum separation distance (300 metres), potential or actual influence area (1000 metres), and acceptable range (greater than 1000 metres) between sensitive land use and Class III industrial use.

The solid black dot indicates an existing land use, and the Xs indicate a proposed land use.

