



September 21, 2017

Michaela Jones  
**The Salvation Army**  
2 Overlea Blvd  
Toronto, ON  
M4H 1P4

Dear Ms. Jones:

Re: Pedestrian Wind and Traffic Noise Studies  
333 Montreal Road, Ottawa  
Addendum to Wind and Noise Studies  
GWE File No.: 17-045 Addendum Letter

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Gradient Wind Engineering Inc. (GWE) was retained by The Salvation Army to undertake computer-based pedestrian level wind (PLW) and traffic noise studies in support of Site Plan Approval for an institutional development located at 333 Montreal Road in Ottawa, Ontario. The proposed development features an 'H'-shape footprint, and ranges between one and six stories in height. The development site is surrounded by Montreal Road to the south and residential land in all other directions.

Since the completion of the original wind report (GWE Report No.: 17-045-CFDPLW, dated June 1, 2017) and original noise report (GWE Report No.: 17-045 – Traffic Noise, dated June 1, 2017), there have been minor changes to the site plan. GWE has reviewed the site plan drawings prepared by Hobin Architecture, dated August 17, 2017, and confirms that the minor changes present in the plans would not affect the results or recommendations of the original pedestrian wind and traffic noise studies.

During the previous submission, one comment was received from the City which pertained to the noise report. The comment was as follows:

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"Page 9-Conclusion-Please refer here specific City guidelines to support your recommendations."

The recommendations in the noise report, which are the subject of the above comment, concluded that the secured area in the front of the building did not meet the definition of an outdoor living area (OLA), and mitigation was therefore not required. Under the Glossary of the ENCG, an OLA is defined as *"Part of a noise sensitive land use that is:*

- *Intended and designed for the quiet enjoyment of the outdoor environment; and*
- *Readily accessible from the building."*

The functional programming of the space is not intended for quiet enjoyment of the outdoors, as stated in the noise report. Furthermore, the building is defined as institutional land use. The ENCG highlights that for stationary noise, "outdoor locations associated with a noise sensitive institution purpose or a noise sensitive commercial purpose" are not considered as points of reception. By extension, these outdoor areas would also not be considered outdoor living areas with respect to traffic noise.

This completes our review of the design changes for the planned development at 333 Montreal Road in Ottawa, Ontario. Please advise the undersigned of any questions or concerns.

Yours truly,

***Gradient Wind Engineering Inc.***

A handwritten signature in black ink, appearing to read 'Josh Foster', written in a cursive style.

Joshua Foster, P.Eng.  
Principal