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February 16, 2021

Jean-Luc Rivard
Director – Land Development
Brigil
98 Rue Lois
Gatineau, QB J8Y 3R7

Dear Mr. Rivard:

Re: Addendum Letter
Petrie's Landing Block 8, Ottawa
Gradient Wind File #17-139-Addendum Letter

This addendum letter is written to address the changed design of Block 8 which is located on the north side of the proposed residential development referred to as “Petrie’s Landing Blocks 6, 7 & 8” in Orleans, Ontario. Gradient Wind Engineering Inc. (Gradient Wind) completed roadway traffic noise assessments for the proposed residential development dated September 22, 2017 (GWE17-139 – Traffic Noise Final), an updated study dated January 1, 2019 (GWE17-139 – Traffic Noise Final R1), and later another updated study dated April 27, 2020 (GWE17-139 – Traffic Noise Final R2).

The footprint and height of the current design is similar to the design considered as part of the original traffic noise assessment. This addendum letter is to confirm that setback distances and exposure to traffic noise sources surrounding the study site remain unchanged for the current design. As such, the noise levels and therefore conclusions and recommendations for Block 8, indicated in our latest study (GWE17-139 – Traffic Noise Final R2, dated April 27, 2020), remains unchanged:

- Bedroom windows for Block 8 facing north will require a minimum STC of 31
- Living room windows for Block 8 facing north will require a minimum STC of 31
- All other bedroom/living room windows are to satisfy Ontario Building Code (OBC 2012) requirements.

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- The residential units in Block 8 should be provided with central air conditioning or a similar ventilation system that will allow the occupants to keep the windows closed and maintain a comfortable living environment.

Please contact the undersigned with any questions or comments.

Sincerely,

Gradient Wind Engineering Inc.



Efser Kara, MSc, LEED GA
Acoustic Scientist



Joshua Foster, P.Eng.
Principal

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