

GRADIENTWIND

ENGINEERS & SCIENTISTS

October 17, 2019

Maria Martinez
PBC Development and Construction Management Group Inc.
485 Bank Street, Suite 205
Ottawa, ON
K2P 1Z2

Dear Ms. Martinez:

Re: Traffic Noise Response Letter
289 Carling Avenue, Ottawa
GWE File No.: 19-048 – Response Letter

This letter describes how we have addressed comments prepared by the City of Ottawa in their memo dated October 4, 2019 pertaining to the traffic noise assessment performed for the proposed residential-use development located at 289 Carling Avenue in Ottawa, Ontario. Below is a summary of how each of the comments relating to the noise study have been addressed. The number sequence below is in reference to each of the numbered comments continued in the memo.

1: *Please conduct a Stationary Noise Assessment if any new exterior stationary noise-generating sources (HVAC, emergency generator, rooftop mechanical units etc) are proposed for the subject development that may subject the tenants and surrounding neighbours to stationary noise levels that are beyond acceptable limits or if the site is located within proximity of any adjacent noise-generating sources. There appears to be an existing generator located at the back corner of the property that services the adjacent building that should be considered as a stationary noise source. Stationary noise to be discussed as per City ENCG.*

GWE Response: With regards to stationary noise impacts, the mechanical design for the building is still in development. For a building this size, each dwelling will have a small internal furnace/fan coils with small residential air conditioners located on the roof. Once the mechanical design is completed, a stationary noise assessment will be completed if there are significant sources. Stationary noise impacts are expected to be minimal provided the AC units are installed in accordance with MECP Publication NPC-216 *Residential Air Conditioning Devices*.

2. Please document which community class area the subject site located within.

GWE Response: Please refer to response to Comment 1. If deemed relevant this would be defined in the stationary noise study.

3. Please provide discussion and document that the subject site is not located within the Airport Vicinity Development Zone and therefore aircraft warning clauses are not required.

GWE Response: It has been our practice to exclude mention of the airport unless the development is near the Airport Vicinity Development Zone (AVDZ), as indicated on Schedule K or Annex 10 of the Official Plan. 289 Carling Avenue is more than 3 km north of the Airport Vicinity Development Zone, as per the mentioned schedules. As such, since the development is outside the AVDZ, no aircraft warning clauses are required. In the future we would recommend city staff to review these documents prior to commenting on aircraft noise.

4. A copy of the site plan, elevation drawings and grading plan are to be included in the appendix as supporting documentation.

GWE Response: A copy of the site plan, elevation and grading plan drawings have been attached to this response letter. These documents are circulated at the time of submission and are made available on the City of Ottawa's development application website. Therefore, including them in our report is redundant.

This concludes our response letter to address City of Ottawa and public comments on our traffic noise assessment report for the proposed residential-use development located at 289 Carling Avenue in Ottawa, Ontario. If you have any questions or wish to discuss our findings, please contact the undersigned.

Sincerely,

Gradient Wind Engineering Inc.



Michael Lafortune, C.E.T.
Environmental Scientist



Joshua Foster, P.Eng.
Principal

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