

April 27, 2022

**The Cadillac Fairview Corporation Limited**  
20 Queen Street West  
Toronto, Ontario M5H 3R4

Re: Stationary Noise Addendum Letter  
Rideau Centre Registry Project  
70 Nicholas Street, Ottawa  
Gradient Wind File No.: 21-097-Addendum Letter

---

Gradient Wind Engineering Inc. (Gradient Wind) was retained by The Cadillac Fairview Corporation Ltd. to undertake an environmental noise assessment in support of concurrent Zoning By-law Amendment (ZBA) and Site Plan Control (SPA) applications for a new multi-unit rental residential building located at 70 Nicholas Street in downtown Ottawa, Ontario (ref. GW21-097-Environmental Noise Assessment, dated November 10, 2021). As part of this assessment, Gradient Wind concluded that noise emitted by rooftop equipment of the CF Rideau Centre causes exceedances of the City of Ottawa Environmental Noise Control Guideline (ENCG) noise level limits at multiple points of reception. Mitigation will be required to bring the noise levels into compliance with the ENCG noise level limits. Possible strategies discussed in our report include: implementation of noise screens or acoustic louvres surrounding the existing rooftop mechanical equipment, equipping mechanical equipment with silencers or other noise attenuating measures, or replacing mechanical equipment with judicious selection placement of replacement units.

The purpose of this addendum letter is to state that the exploration of specific noise control measures is an ongoing process. Presently, Gradient Wind is working with The Cadillac Fairview Corporation Ltd. and Nordstrom Inc. to obtain more detailed mechanical information for the CF Rideau Centre building. This includes information about available sound attenuation packages for existing rooftop mechanical equipment, and specific operational parameters for mechanical equipment to further refine our noise model. Gradient Wind is expecting to receive this information in the coming weeks and will be revising the original environmental noise assessment report in order to provide the specific noise control measures.

Should you have any questions, or wish to discuss our findings further, please call us (613) 836-0934 or contact us by e-mail at [joshua.foster@gradientwind.com](mailto:joshua.foster@gradientwind.com). In the interim, we thank you for the opportunity to be of service.

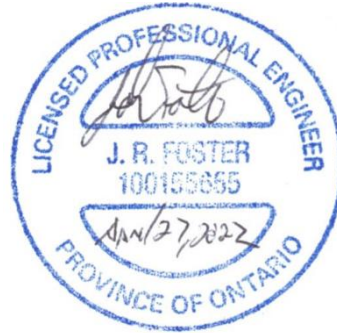
Sincerely,

***Gradient Wind Engineering Inc.***



Michael Lafortune, C.E.T.  
Environmental Scientist

*Gradient Wind File #21-097-Addendum Letter*



Joshua Foster, P.Eng.  
Lead Engineer

