

# GRADIENTWIND

ENGINEERS & SCIENTISTS

February 11, 2022

Magil Laurentian Realty Corporation  
1170 Peel Street  
Montreal, QC H3B 4P2

c/o Fotenn Planning + Design  
396 Cooper Street, Suite 300  
Ottawa, ON K2P 2H7

Attn: Jacob Bolduc, RPP, MCIP, Senior Planner  
[bolduc@fotenn.com](mailto:bolduc@fotenn.com)

Dear Mr. Bolduc:

Re: Pedestrian Level Wind Study, Memorandum  
979 Wellington Street West, Ottawa, Ontario  
Gradient Wind File 20-211

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Gradient Wind Engineering Inc. (Gradient Wind) completed a pedestrian level wind (PLW) study based on computer simulations using the computational fluid dynamics (CFD) technique for the proposed development located at 979 Wellington Street West in Ottawa to satisfy concurrent Official Plan Amendment (OPA) and Zoning By-law Amendment (ZBLA) application submissions<sup>1,2</sup>. Since the current architectural drawings<sup>3</sup>, which are being submitted for Site Plan Control Amendment, illustrate a building design consistent with the massing and height submitted with the OPA and ZBLA submissions, further study is not expected to change the conclusions of the PLW study.

Sincerely,

**Gradient Wind Engineering Inc.**

Justin Ferraro, P.Eng.  
Principal



<sup>1</sup> Gradient Wind, 'Pedestrian Level Wind Study – 979 Wellington Street West, Ottawa', [Oct 23, 2020]

<sup>2</sup> Gradient Wind, 'Pedestrian Level Wind Study – 979 Wellington Street West, Ottawa', [Apr 5, 2021]

<sup>3</sup> RLA Architecture, '979 Wellington Street W, Ottawa – Issued for Site Plan Control Amendment', [Dec 17, 2021]