



600 Southgate Drive
Guelph, ON N1G 4P6
Canada

Tel: +1.519.823.1311
Fax: +1.519.823.1316

January 25, 2023

Pawel Fugiel

La Pue International
6158 Allendale Avenue
Niagara Falls, Ontario L2G 0A5

-and-

David Falletta, MCIP, RPP

Bousfields Inc.
3 Church Street, Suite 200
Toronto, Ontario M5E 1M2

**Re: 5566 Robinson Street & 6158 Allendale Avenue
Niagara Falls, Ontario
Pedestrian Level Winds
RWDI Project #2201139**

Dear Pawel et al.,

Rowan Williams Davies & Irwin Inc. (RWDI) has prepared this letter to comment on the pedestrian wind conditions of the proposed development at 5602, 5582, 5566 Robinson Street and 6158 Allendale Avenue ("Niagara 77").

RWDI has been retained by La Pue International to study the impact the proposed development will have on pedestrian level winds. To date, RWDI has issued two reports:

Pedestrian Wind Assessment: 5566 Robinson Street & 6158 Allendale Avenue, Niagara Falls, ON, Project #2201139, April 7, 2022 by Kamran Shirzadeh and Hanqing Wu.

and

Pedestrian Wind Study: 5566 Robinson Street & 6158 Allendale Avenue, Niagara Falls, ON, Project #2201139, August 26, 2022 by Henrique Gambassi and Timothy Wiechers.

The April 2022 qualitative (Computational Fluid Dynamics) study identified several areas of concern which were later quantified as uncomfortable and/or unsafe in the August 2022 (Wind Tunnel) study. RWDI understands this project is currently working towards a re-submission of the Official Plan and Zoning By-Law Amendment applications. RWDI will continue to consult with the Niagara 77 design team to revise the architectural and



5566 Robinson Street & 6158 Allendale Avenue
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landscaping plans to eliminate or minimize as much as possible the negative wind effects of introducing such tall massing to these subject lands.

RWDI believes that refinements made at the detailed design stage, including (but not limited to) changes to the external building geometry, orientation of the building on the site, and certain hard and soft landscaping elements, can mitigate or resolve wind related concerns.

We trust the above discussion satisfies your current requirements. Should you have any questions or require additional information, please do not hesitate to contact us.

Yours truly,

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A handwritten signature in black ink, appearing to be 'Dan Bacon', written over a circular scribble.

Dan Bacon
Senior Project Manager / Principal

A handwritten signature in black ink, appearing to be 'Scott Bell', written in a cursive style.

Scott Bell
Project Manager