

# GRADIENTWIND

ENGINEERS & SCIENTISTS

May 13, 2022

**Devtrin (Island Park) Inc.**  
c/o Trinity Development Group Inc.  
77 Bloor Street West, Suite 1601  
Toronto, ON M5S 1M2

Attn: Robert Wells, MCIP, RPP  
Associate Vice President, Development and Planning  
[rwells@trinity-group.com](mailto:rwells@trinity-group.com)

Dear Mr. Wells:

Re: Roadway Traffic Noise Addendum Letter  
70 Richmond Road, Ottawa  
GW File No.: 20-143 – Noise Addendum Letter

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Gradient Wind Engineering Inc. (Gradient Wind) was retained by Devtrin (Island Park) Inc. to undertake a roadway traffic noise assessment undertaken in support of applications for Official Plan Amendment (OPA) and Zoning By-law Amendment (ZBA) for a proposed mixed-use, commercial and residential development located at 70 Richmond Road in Ottawa, Ontario. This addendum letter is supplemental to our roadway traffic noise report (ref. *Gradient Wind report #20-143 – Traffic Noise*, dated August 12, 2021), to address changes in the latest site plan drawings and satisfy Site Plan Control submission requirements.

Gradient Wind received updated site plan drawings in May 2022. A review of these drawings depicts several minor design changes as summarized below:

- Minor floorplate changes resulting in different terrace sizes, primarily at the Level 6, 8, and 9 terraces to the south.

Given the changes noted above, noise levels at the facades of the building are not expected to differ from the values mentioned in Gradient Wind's noise assessment. Regarding the Level 6 terrace at the south elevation, the distance from the edge of the terrace to the building façade now exceeds 4m in depth. ENCG indicates that amenity areas greater than 4m in depth are considered noise sensitive. As such, a typical 1.1 m tall solid perimeter guard will suffice to reduce noise levels at or below 60 dBA. This is a

similar mitigation measure used reduce noise levels at the Level 8 terrace, as summarized in Gradient Wind's noise report.

In conclusion, the drawings do not depict significant changes to the building design that would greatly alter the noise impacts onto the development from nearby transportation noise sources. As such, the initial recommendations and conclusions of our traffic noise report remain unchanged. The only addition is the inclusion of the Level 6 terrace perimeter guard requirements summarized in this letter.

This concludes our response and review of the design changes for 70 Richmond Road in Ottawa, Ontario. Please advise the undersigned of any questions or concerns.

Sincerely,

**Gradient Wind Engineering Inc.**



Giuseppe Garro, MASC.  
Environmental Scientist

*Gradient Wind File #20-143*



Joshua Foster, P.Eng.  
Lead Engineer