

# GRADIENTWIND

ENGINEERS & SCIENTISTS

October 18, 2022

**Starlight Group Property Holdings Inc.**

1971 St. Laurent Boulevard  
Ottawa, ON K1G 3P8

Re: 1971 & 1975 St. Laurent Boulevard, Ottawa  
Addendum to Roadway Traffic Noise Assessment  
GW File No.: 21-328-Addendum Letter

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Gradient Wind Engineering Inc. (Gradient Wind) was retained by Starlight Group Property Holdings Inc. to undertake roadway traffic noise assessment in support of a Site Plan Control application (SPA) for a proposed residential development at 1971 & 1975 St. Laurent Boulevard in Ottawa, Ontario. For a complete summary of the methodology and results pertaining to the original study please refer to our Roadway Traffic Noise Assessment report (*ref. GW21-328 Roadway Traffic Noise Assessment (Final), dated March 14, 2022*).

Following completion of Gradient Wind's 2022 report, the development design process led to site plan changes, as detailed in the drawings prepared by Petroff Partnership Architects in September 2022. Regarding anticipated roadway traffic noise levels, we expect that the changes to the building design will result in similar noise levels on each façade of the building, and therefore the recommendations of the original report can still be relied upon. The primary changes to the design comprise minor changes to podia and tower footprints, however exposure and setback to the surrounding roadway traffic sources is unchanged. Recommendations for upgraded building components and ventilation requirements remain unchanged. The terrace configurations have been slightly modified, however similar noise levels are expected, and Gradient Wind's recommendation for 1.1 m noise mitigating guardrails surrounding the Level 3 amenity terraces remains in place.

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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



Joshua Foster, P.Eng.  
Lead Engineer