

GRADIENTWIND

ENGINEERS & SCIENTISTS

March 30, 2023

3N Group Holdings Inc.

1769 St. Laurent Boulevard, Suite 247
Ottawa, ON K1G 3V4

Attn: Carl Madigan

carlmadigan@ymail.com

Dear Mr. Madigan:

Re: Transportation Noise Addendum Letter
246-267 Rochester Street, Ottawa
GW File No.: 22-276 – Noise Addendum Letter

Gradient Wind Engineering Inc. (Gradient Wind) was retained by 3N Group Holdings Inc. to undertake a transportation noise assessment in support of concurrent Zoning By-law Amendment and Site Plan Control application submissions for the proposed development located at 246-267 Rochester Street in Ottawa, Ontario. The study (ref. *Gradient Wind report #22-276 – Transportation Noise*, September 27, 2022) was conducted based on architectural drawings of the proposed development provided by Simmonds Architecture in August 2022. The current architecture drawings, which were distributed to the consultant team in March 2023 in preparation for a resubmission of the Site Plan Control application, include the following changes:

- At the ground floor, the walkway between the front yard and the interior yard of the proposed development has been removed. The north and east portions of the building abutting the adjacent properties has been recessed, and the landscaped interior side and rear yard has been increased.
- The building steps back at the north and east elevations at Level 5. Also, private terraces from Levels 2 to 9 have been rearranged.
- The rooftop patio has increased in area by approximately 5%, while the outdoor amenity terraces at Levels 6 and 7 have been removed.

Given the changes noted above, noise levels at the building facades are not expected to differ from the values mentioned in Gradient Wind's noise assessment. Mainly, noise levels at Plane-of-Window

receptors are expected to be below criteria for upgraded buildings components. Furthermore, noise levels at the outdoor amenity areas experience acceptable noise levels, therefore no mitigation is required for outdoor living areas.

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 transportation noise report remain unchanged.

This concludes our response and review of the design changes for 246-267 Rochester Street. Please advise the undersigned of any questions or concerns.

Sincerely,

Gradient Wind Engineering Inc.



Essraa Alqassab, B.A.Sc.
Junior Environmental Scientist

Gradient Wind File #22-276



Joshua Foster, P.Eng.
Lead Engineer