

GRADIENTWIND

ENGINEERS & SCIENTISTS

February 1, 2021

Caivan Communities
2934 Baseline Road, Suite 302
Ottawa, Ontario
K2H 1B2

Attn: Hugo Lalonde, Director, Land Development
hugo.lalonde@caivan.com

Dear Mr. Lalonde:

Re: Roadway Traffic Noise Memorandum
Barrhaven Conservancy Subdivision (Phase 2), Ottawa
Gradient Wind File No.: 17-151 – Memorandum

Gradient Wind Engineering Inc. (Gradient Wind) was retained by Caivan Communities to undertake a Roadway Traffic Noise Feasibility Assessment for the proposed subdivision development identified as Barrhaven Conservancy Subdivision (Phase 2) in Ottawa, Ontario (ref. *Gradient Wind Report #GW17-151 – Traffic Noise Feasibility*, dated July 8, 2020). This letter is supplemental to our roadway traffic noise report to address the update to the site plan drawings based on feedback from the City of Ottawa.

Gradient Wind received updated site plan drawings dated in January 2021. A review of these drawings depicts changes to the site layout as well as the inclusion of several park areas at the northwest and northeast corners of the site, as well as near the center adjacent to Borrisokane Road. Overall, the assumptions, recommendations, and conclusions of our traffic noise feasibility report remain the same with some slight changes. Updated figures attached to this letter depict the regions in the subdivision which are expected to receive forced air heating, air conditioning, and noise barrier requirements. Specific recommendations would be the subject of a detailed traffic noise assessment during Registration of Subdivision.

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This concludes our response and review of the design changes for Barrhaven Conservancy Subdivision (Phase 2) in Ottawa, Ontario. Please advise the undersigned of any questions or concerns.

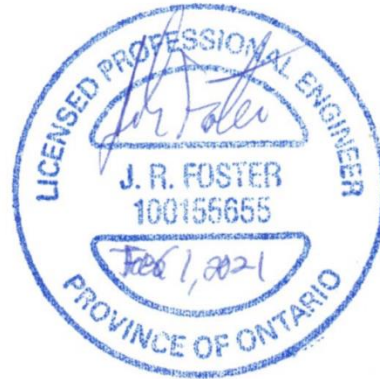
Sincerely,

Gradient Wind Engineering Inc.

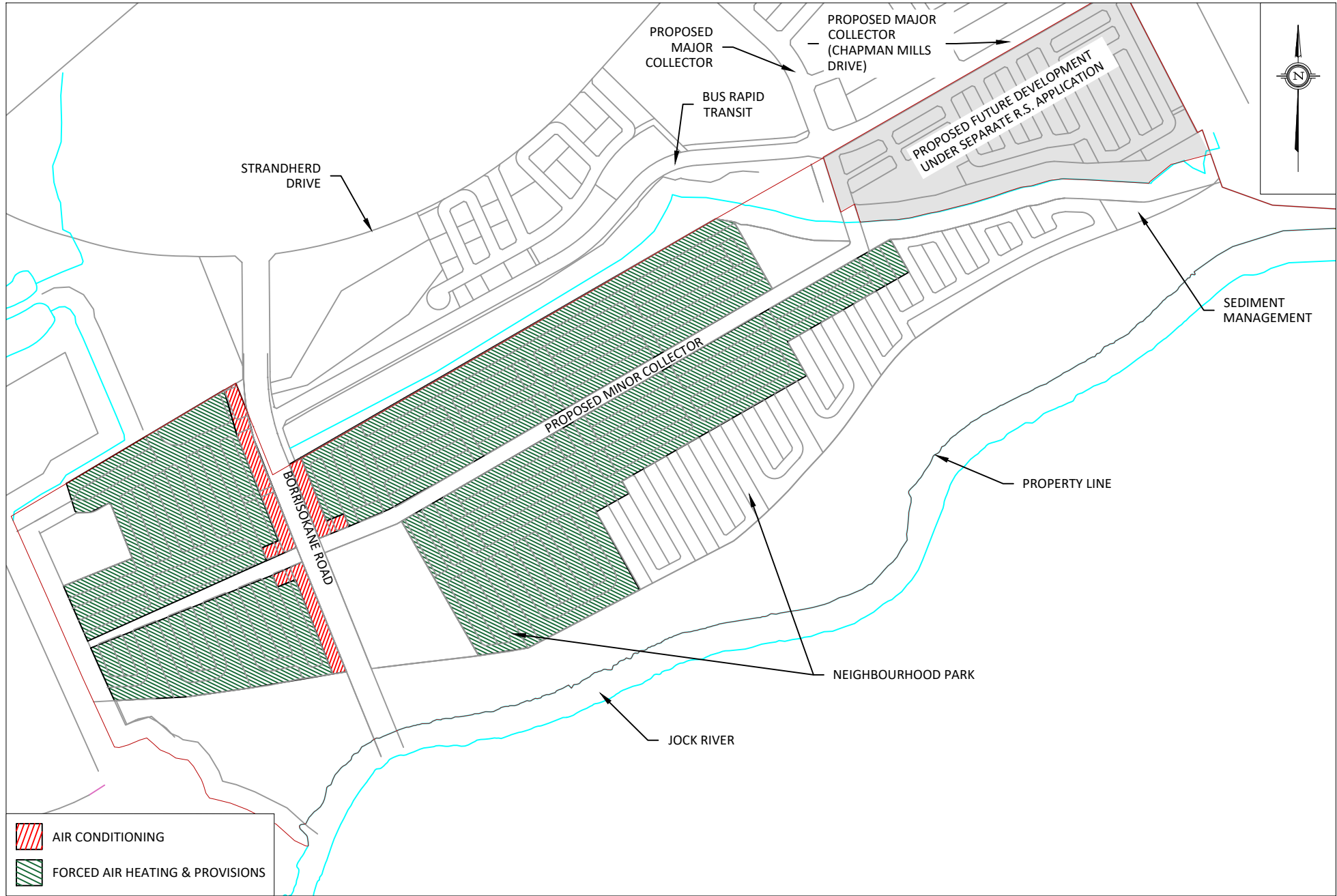


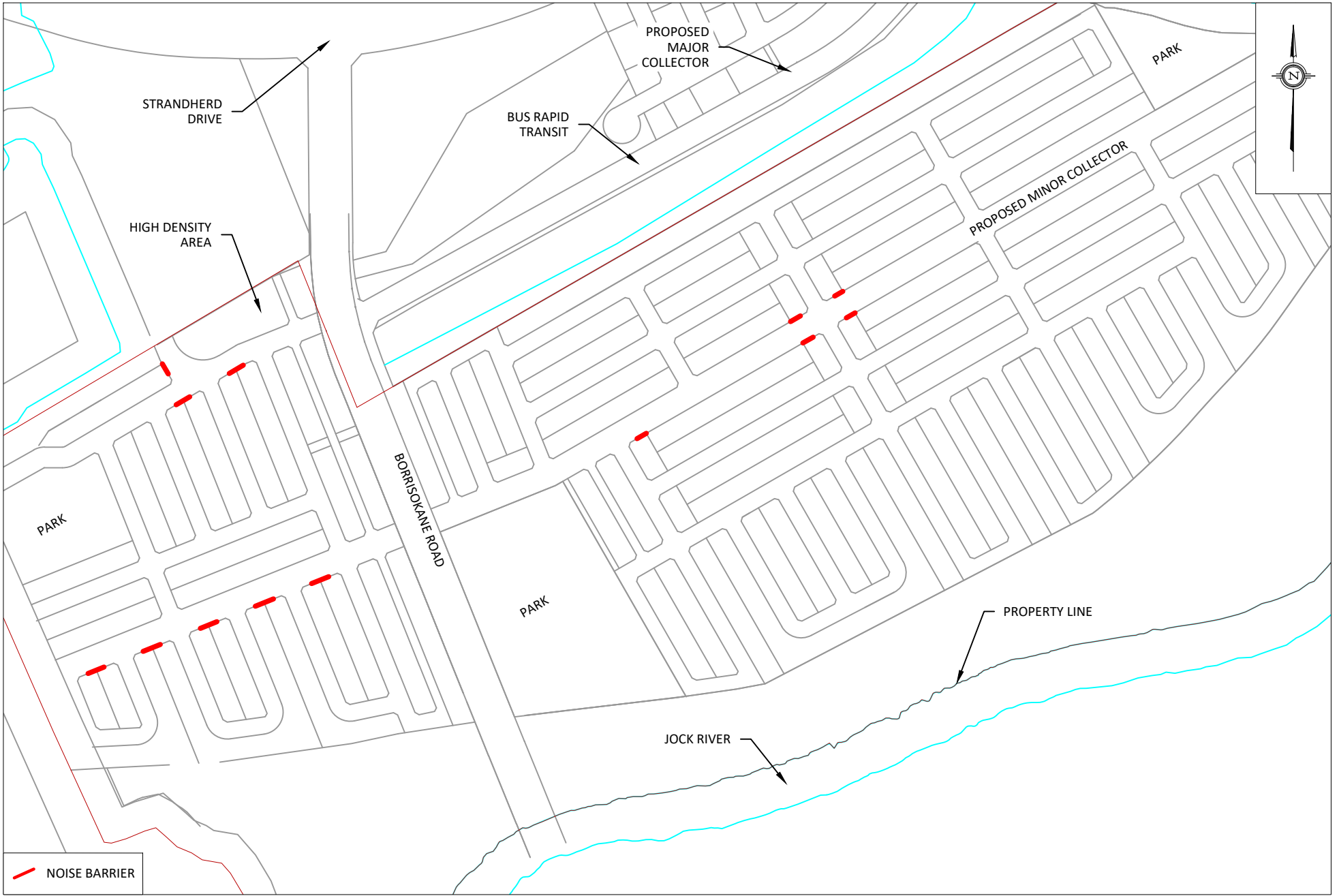
Giuseppe Garro, M.A.Sc.
Junior Environmental Scientist

Gradient Wind File #17-151 – Memorandum



Joshua Foster, P.Eng.
Principal





PROJECT	BARRHAVEN CONSERVANCY SUBDIVISION, OTTAWA TRAFFIC NOISE STUDY	
SCALE	1:5000 (APPROX)	DRAWING NO. GW17-151
DATE	JANUARY 28, 2021	DRAWN BY G.G.

DESCRIPTION

FIGURE 1B:
POTENTIAL NOISE BARRIER LOCATIONS