



March 6, 2019

Brittany Clarke
Windmill Development Group
Suite 201 – 1306 Wellington Street West
Ottawa, Ontario
K1Y 3B2

Dear Ms. Clarke:

Re: Environmental Noise Assessment Addendum
Zibi Development Phase 2, Block 207, Ottawa
GWE File No.: 14-017 – Noise Addendum R2

Gradient Wind Engineering Inc. (GWE) was retained by Windmill Development Group (Windmill) to undertake an environmental noise study for Phase 1 of their proposed mixed-use redevelopment of the former Domtar Lands in Ottawa, Ontario. An original noise study (GWE14-017), named “Environmental Noise Assessment - Zibi Development Phase 1 – Ottawa, Ontario” was dated December 8, 2015. This addendum is to address an updated site plan application for Block 207, which is now part of Phase 2, based on architectural drawings dated February 20, 2019, as well as the exclusion of stationary noise sources associated with the existing Powerhouse No. 2 (S11-14) which will cease operations once the new powerhouse is completed, prior to the construction of the Zibi development.

Upon review of the matter, it was determined that our original analysis reflects the current building massing. As such, plane of window (POW) roadway traffic noise levels, and therefore ventilation and STC recommendations for Block 207, are expected to remain the same.

Previously, the only stationary noise concerns were associated with the Powerhouse No. 2 sources, which is the existing structure on-site, operated by Energy Ottawa. With the completion of the new hydro facility, the Powerhouse No. 2 will be decommissioned, and the exhaust fans mentioned previously (S11-14) will

cease operations, thus lowering the stationary noise impacts on the Zibi development. Noise levels at Receptor 8 from the original noise study, on Block 207, are now 39 dBA during the daytime and nighttime periods, well below the ENCG and MOECC criteria. Therefore, no noise control measures will be required for stationary noise impacts on Block 207.

This concludes our noise addendum, if you have any questions or wish to discuss our findings, please advise us. In the interim, we thank you for the opportunity to be of service.

Yours truly,

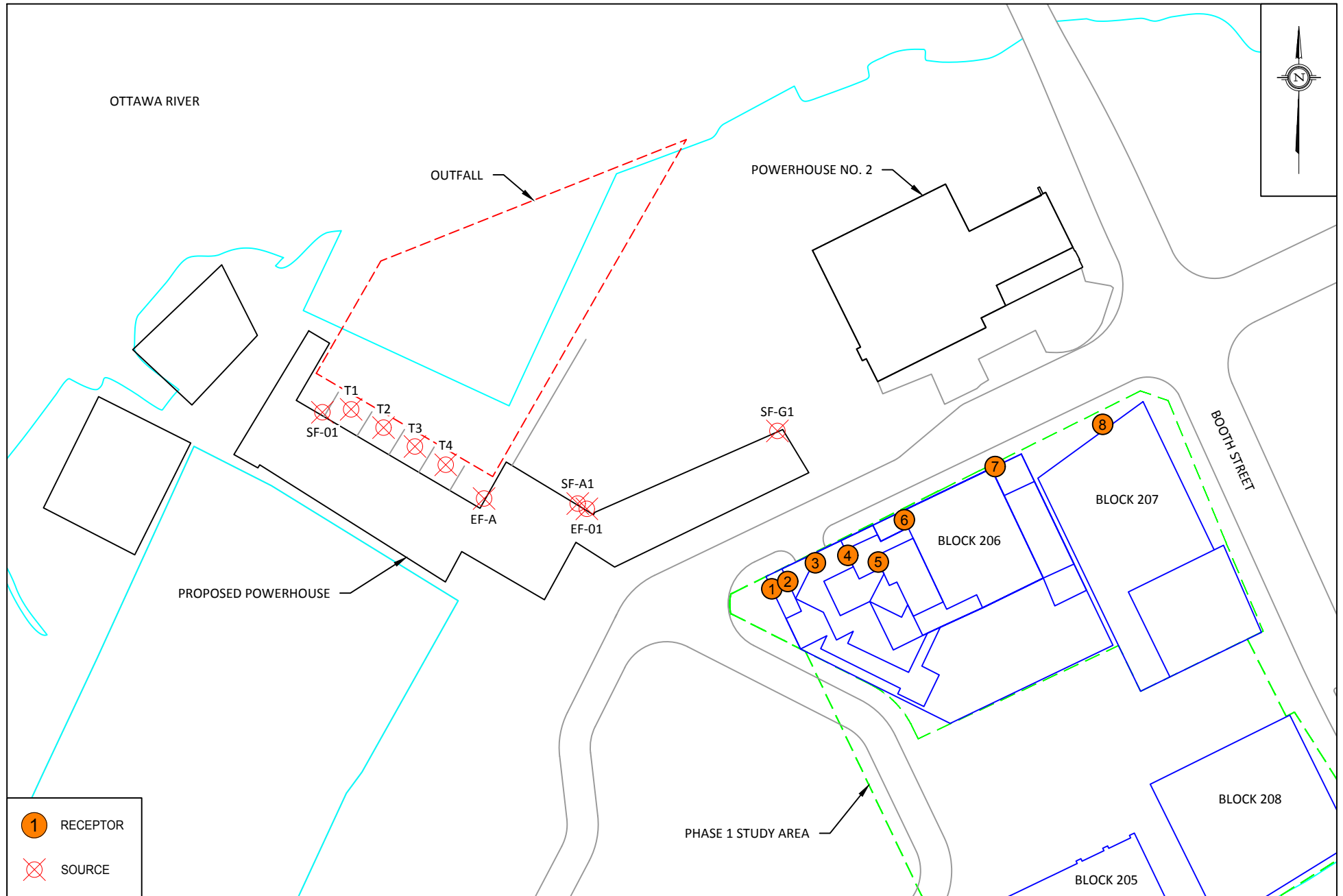
Gradient Wind Engineering Inc.

A handwritten signature in purple ink, appearing to read 'M. Lafortune'.

Michael Lafortune, C.E.T.
Environmental Scientist
GWE14-017 – Noise Addendum R2

A handwritten signature in purple ink, appearing to read 'Josh Foster'.

Joshua Foster, P.Eng.
Principal



PROJECT		ZIBI PHASE 1 - ENVIRONMENTAL NOISE ASSESSMENT	
SCALE	1:1000 (APPROX.)	DRAWING NO.	GWE14-017-1
DATE	MARCH 6, 2019	DRAWN BY	M.L.

DESCRIPTION

FIGURE 1:
STATIONARY RECEPTOR AND SOURCE LOCATIONS