

# GRADIENTWIND

ENGINEERS & SCIENTISTS

July 29<sup>th</sup>, 2024

Maureen Flanigan  
**ML DEVCO Inc.**  
411 Roosevelt Avenue, Suite 300  
Ottawa, ON K2A 3X9

Dear Ms. Flanigan:

Re: Stationary Noise Addendum Letter  
398, 402, 406 Roosevelt Avenue,  
GW File No.: 17-179 – S. Noise Addendum Letter

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Gradient Wind Engineering Inc. (Gradient Wind) was retained by ML DEVCO Inc. to undertake an environmental noise assessment for a proposed mixed-use condominium located at 398, 402, and 406 Roosevelt Avenue in Ottawa, Ontario. This addendum letter is supplemental to our stationary noise assessment (ref. *Gradient Wind report #17-179 – Stationary Noise Assessment*, dated August 24<sup>th</sup>, 2022), to address changes in the latest mechanical drawings.

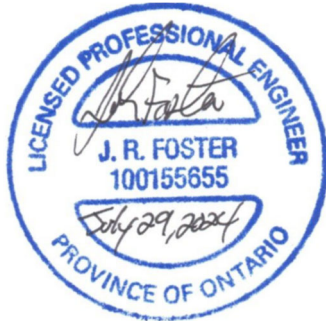
Gradient Wind received updated mechanical drawings dated July 3, 2024, prepared by JRP Engineering. Overall, the revised building massing remains similar to the tested configuration, with a slightly small footprint for the mechanical penthouse. Changes to the mechanical equipment layout has been updated to now include, an air-cooled scroll chiller located on the south side of the mechanical penthouse (MP). The generator has been relocated from the north side of the MP, to the south side of it. The make up unit is now located inside the MP in the northwest corner. Figure 1 illustrates the updated locations of the equipment.

From an acoustics perspective, the drawings do not depict significant changes to the building design that would alter the noise impacts from the building on the surroundings. The stationary noise model was updated with the changes, and it has been verified that the building design is still compliant with the Class 1 sound level limits outlined in the City of Ottawa's Environmental Noise Control Guidelines. As such, the initial recommendations and conclusions of our stationary noise assessment remain unchanged.

This concludes our addendum letter. Please advise the undersigned of any questions or concerns.

Sincerely,

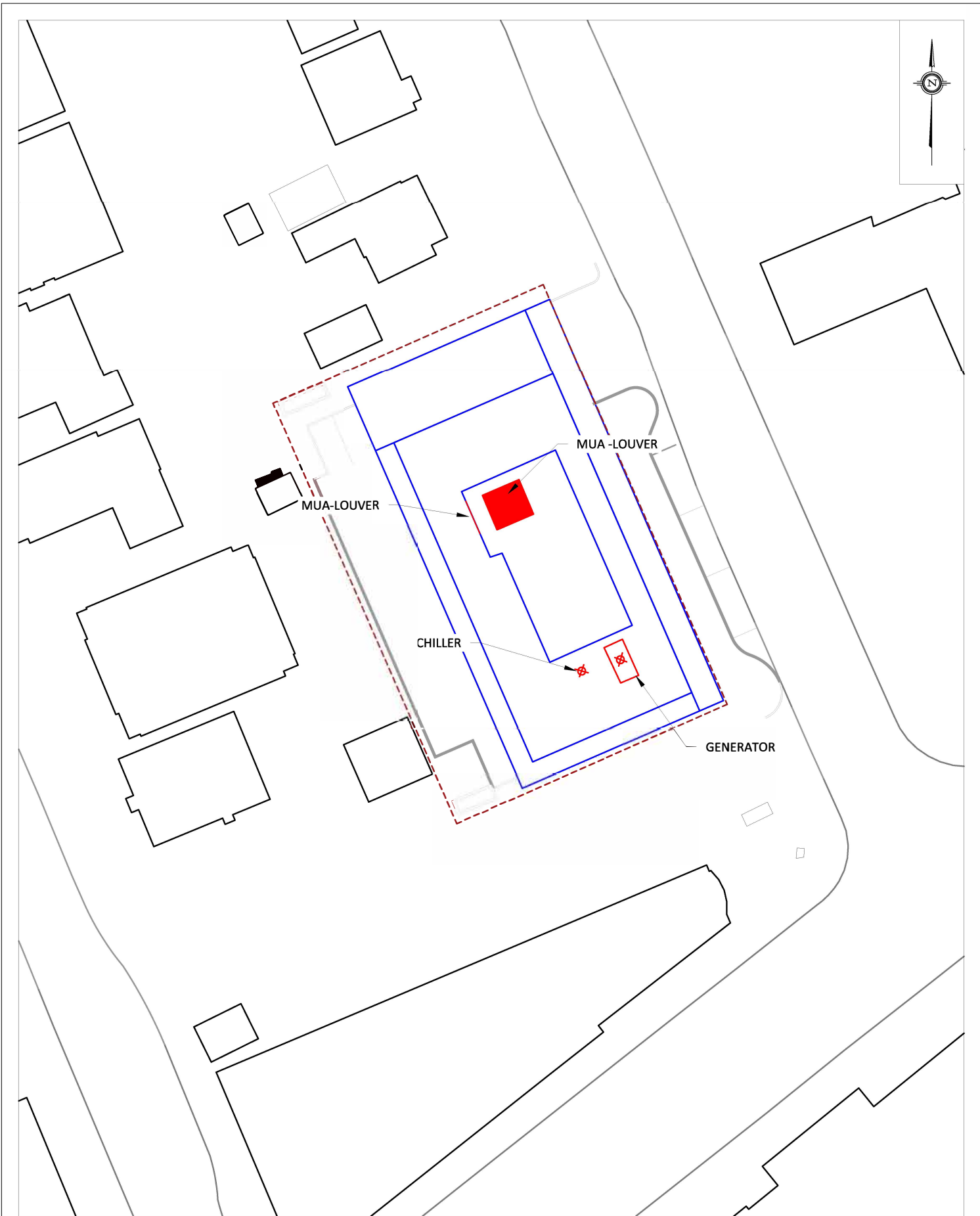
***Gradient Wind Engineering Inc.***



Joshua Foster, P.Eng.  
Lead Engineer

*Gradient Wind File #17-179 – Addendum Letter*

*Attached*



PROJECT	398, 402, 406 ROOSEVELT AVENUE, OTTAWA STATIONARY NOISE ASSESSMENT	DESCRIPTION
SCALE	1:200 (APPROX.)	DRAWING NO. GW17-179-2
DATE	JULY 29, 2024	DRAWN BY E.A.

FIGURE 1:  
SOURCE LOCATIONS