

GRADIENTWIND

ENGINEERS & SCIENTISTS

October 17, 2019

Novatech Engineering Consultants

Attn: Danna See-Har
240 Michael Cowpland Drive, Suite 200
Ottawa, ON
K2M 1P6

Dear Ms. See-Har:

Re: Traffic Noise Response Letter
58 Florence Street, Ottawa
GWE File No.: 19-085 – Response Letter

This letter describes how we have addressed comments prepared by the City of Ottawa in their memo dated September 25, 2019 pertaining to the traffic noise assessment performed for the proposed residential-use development located at 58 Florence Street in Ottawa, Ontario. Below is a summary of how each of the comments relating to the noise study have been addressed. The number sequence below is in reference to each of the numbered comments continued in the memo.

1: *Please conduct a Stationary Noise Assessment if any new exterior stationary noise-generating sources (HVAC, emergency generator, rooftop mechanical units etc) are proposed for the subject development that may subject the tenants and surrounding neighbours to stationary noise levels that are beyond acceptable limits or if the site is located within proximity of any adjacent noise-generating sources.*

GWE Response: With regards to stationary noise impacts, the mechanical design for the building is still in development. For a building this size, each dwelling will have a small internal furnace/fan coils with small residential air conditioners located on the roof. Once the mechanical design is completed, a stationary noise assessment will be completed if there are significant sources. Stationary noise impacts are expected to be minimal provided the AC units are installed in accordance with MECP Publication NPC-216 *Residential Air Conditioning Devices*.

2. A copy of the site plan, elevation drawings and grading plan are to be included in the appendix as supporting documentation.

GWE Response: A copy of the site plan, elevation and grading plan drawings have been attached to this response letter. These documents are circulated at the time of submission and are made available on the City of Ottawa's development application website. Therefore, including them in our report is redundant.

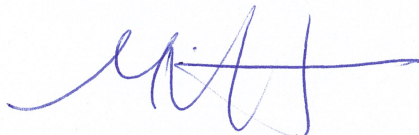
3. Please provide discussion and document that the subject site is not located within the Airport Vicinity Development Zone and therefore aircraft warning clauses are not required.

GWE Response: It has been our practice to exclude mention of the airport unless the development is near the Airport Vicinity Development Zone (AVDZ), as indicated on Schedule K or Annex 10 of the Official Plan. 58 Florence Street is more than 5 km north of the Airport Vicinity Development Zone, as per the mentioned schedules. As such, since the development is outside the AVDZ, no aircraft warning clauses are required. In the future we would recommend city staff to review these documents prior to commenting on aircraft noise.

This concludes our response letter to address City of Ottawa and public comments on our traffic noise assessment report for the proposed residential-use development located at 58 Florence Street in Ottawa, Ontario. If you have any questions or wish to discuss our findings, please contact the undersigned.

Sincerely,

Gradient Wind Engineering Inc.



Michael Lafortune, C.E.T.
Environmental Scientist



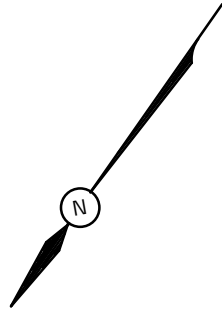
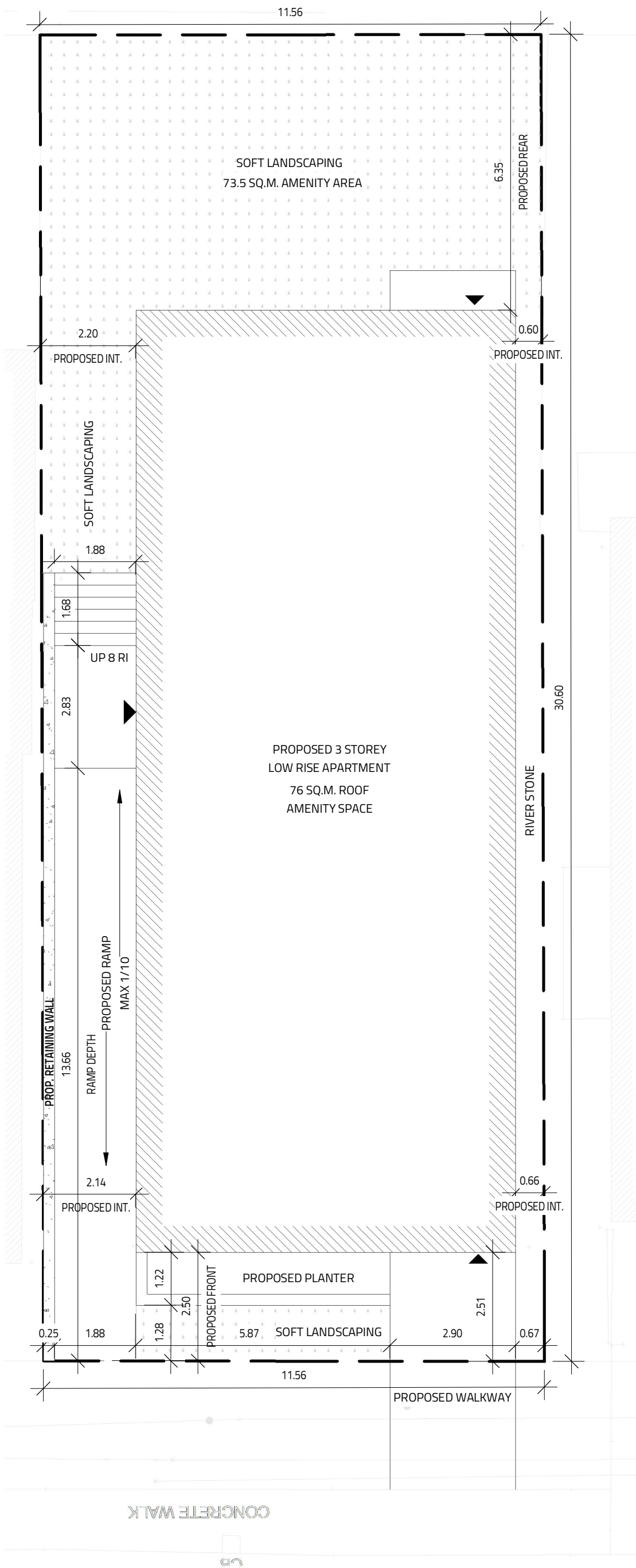
Joshua Foster, P.Eng.
Principal

Gradient Wind File #19-085 – Response Letter



58 FLORENCE

LOW RISE APARTMENT



1

Site

SCALE: 1 : 100

MAY 14, 2019

ALL HOUSE RENDERINGS ARE ARTIST CONCEPTIONS. ALL FLOOR PLANS ARE APPROXIMATE DIMENSIONS. ACTUAL USEABLE FLOOR SPACE MAY VARY FROM THE STATED AREA. E & OE

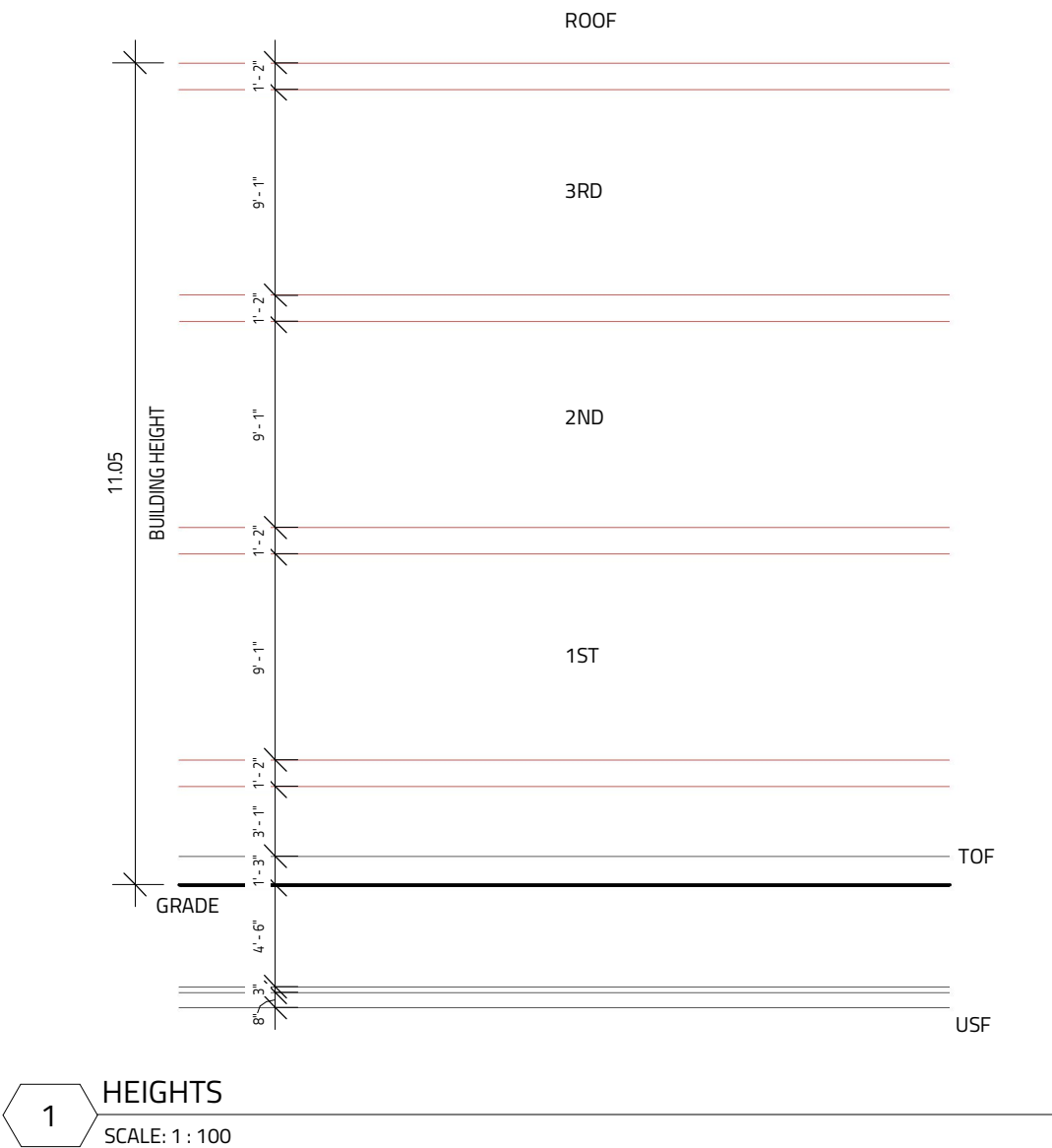


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LOW RISE APARTMENT



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