

December 21, 2023

**Nathan Tracey**  
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**Re: Addendum Regarding Increased Building Heights and City of Cambridge Comments  
Proposed Residential Development, 777 Laurel Street, Cambridge, Ontario**

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Dear Nathan,

As requested, we have prepared this addendum letter to assess the impact of increased building heights and to address comment received from the City of Cambridge. In summary, the increase in building heights do not impact the noise mitigation recommendations outlined in the Noise Feasibility Study.

Our latest noise report is titled “Noise and Vibration Feasibility Study, Proposed Residential Development, 777 Laurel Street, Cambridge, Ontario” dated May 12, 2023, which provided recommendations for noise control measures for the proposed buildings.

Since then, the concept site plan has been updated to increase building heights to up to 19-storeys, up from the previous maximum height of 14-storeys. The increase in building heights resulted in minimal changes to the predicted traffic sound levels at the façades, with traffic sound levels increasing by up to 1 dBA at some façades, and no changes to the predicted stationary sound levels at the façades. The increase in traffic sound levels is minor and do not impact the noise control recommendations in the latest noise report.

With regard to the comment from the City of Cambridge, paraphrased below:

*Addendum to the Noise Study, that provides additional information confirming any applicable safety berming and/or crash wall requirements with CP rail / FCM-RAC Guidelines;*

It is noted that there are no outdoor amenity areas proposed between the buildings and the CP railway tracks. As such, any berms and/or crash walls are not required from a noise and vibration perspective, and thus are not considered further in noise and vibration studies. Any requirements for safety berms and/or crash walls should be discussed with CP authorities.

We trust that this is sufficient information for your present needs. Please do not hesitate to call if you have any further questions or require additional information.

Yours truly,  
**HOWE GASTMEIER CHAPNIK LIMITED**

Harry Cai, PEng

Atch: Concept Site Plan with Revised Building Heights

Any conclusions or recommendations provided by HGC Engineering in this letter/memo have limitations as detailed on our website: <https://acoustical-consultants.com/limitations/>.



