

**re: Response to City of Ottawa Comments
Proposed Multi-Storey Building
1335 and 1339 Bank Street - Ottawa**

to: Boulet Construction - **Mr. Michael Wiebe** - mike@loftydevelopments.com

date: November 30, 2020

file: PG5044-MEMO.01

Further to your request, Paterson Group (Paterson) prepared the current memorandum to address the geotechnical-related City of Ottawa engineering comments issued for the subject site. The following memorandum should be read in conjunction with the Geotechnical Investigation Report (Paterson Group Report PG5044-1 dated December 3, 2019).

Comments - Geotechnical Investigation

Item 13: *Provide recommendation on any potential grade raise restrictions at the development site.*

Response: Although a silty clay deposit had been encountered at the subject site, the proposed building will be supported directly on the underlying bedrock. Therefore, a permissible grade raise restriction is not considered to be applicable for the subject site.

Item 14: *Provide recommendations on the potential of seismic liquefaction at the development site.*

Response: The proposed building will be founded directly on a bedrock bearing surface, which is not considered susceptible to liquefaction. Therefore, seismic liquefaction will not be an issue at the proposed development site.

Item 15: *Provide geotechnical recommendations for proposed trees.*

Response: Although a silty clay deposit had been encountered at the subject site, the proposed building will be supported directly on bedrock. Therefore, tree planting setbacks, as detailed in the City of Ottawa Tree Planting in Sensitive Marine Clay Soils (2017 Guidelines), are not required for the proposed development, from a geotechnical perspective.

We trust that this information satisfies your requirements.

Best Regards,

Paterson Group Inc.



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