

re: **Geotechnical Review – Grading Plan Review**
Proposed Cart Storage Facility – Stonebridge – Phase 16
2701 Longfields Drive - Ottawa

to: Mattamy Homes – Mr. Reuben Noel – reuben.noel@mattamycorp.com

date: June 6, 2022

file: PG4582-MEMO.13

Further to your request and authorization, Paterson Group (Paterson) prepared the current memorandum to provide a geotechnical review of the grading plan drawings prepared by IBI GROUP for the proposed cart storage facility at the aforementioned site. This memorandum should be read in conjunction with Paterson Group Report PG4482-3 Revision 1 dated June 2, 2022.

Grading Plan Review

Paterson reviewed the following drawing prepared by IBI GROUP for the proposed cart storage facility to be located at the aforementioned site as part of the geotechnical assessment:

- Project No. 122507 – GRADING PLAN – Sheet No. C-250, dated March 16, 2022.

Based on the available soil information at the aforementioned site and the grading plan provided, the soil profile for the proposed facility will mainly consist of fill, asphalt and/or topsoil overlying a dense, brown silty sand with gravel or fill. The fill was observed to consist of brown silty sand with crushed stone and gravel. The above-noted layers were underlain by a dense to very dense glacial till layer. The glacial till generally consists of dense brown silty sand with gravel, cobbles, and boulders.

Based on our review, no grade raise restrictions are required for the subject site due to the absence of silty clay deposit. Therefore, the proposed grade are considered acceptable from a geotechnical perspective and in general conformance with the recommendations provided in the above noted geotechnical report.

We trust that this information satisfies your immediate requirements.

Best Regards,

Paterson Group Inc.



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