

re: **Grading Plan Review**
Proposed Multi-Storey Buildings
Greystone Village - Phase 3 - Scholastic Drive - Ottawa
to: Regional Group - Mr. Evan Garfinkel - egarfinkel@regionalgroup.com
date: June 6, 2022
file: PG5383-MEMO.02 Revision 1

Further to your request and authorization, Paterson Group (Paterson) prepared the current memorandum to document our grading plan review for the proposed development at the subject site, and to provide associated recommendations from a geotechnical perspective for the aforementioned project. The following memorandum should be read in conjunction with the current Geotechnical Investigation Report (Paterson Group Report PG5383-1 Revision 1, dated March 9, 2022).

Background Information

Based on the above noted geotechnical investigation, the subsurface profile across the subject site consists of topsoil underlain by fill, followed by a hard to very stiff grey/brown silty clay deposit which transitions to a stiff grey silty clay below approximate depths of 2.5 to 4.5 m. The silty clay is further underlain by a silty sand.

Due to the presence of the silty clay deposit below the proposed development, a permissible grade raise restriction of 2.0 m was provided in the Geotechnical Investigation Report.

Grading Plan Review

Paterson reviewed the following grading plan prepared by Novatech for the aforementioned development:

- ☐ Grading and Erosion & Sediment Control Plan - Greystone Village Phase 3 - Project No. 114025-PH3 - Drawing No. 114025-GR(PH3) - Revision 10 dated June 3, 2022.

Based on our review of the aforementioned grading plan, the proposed grades are generally within the permissible grade raise restriction of 2.0 m provided in the aforementioned Geotechnical Investigation Report. A localized area near the western boundary of the site was observed to exceed the permissible grade raise restriction by approximately 0.5 m, however, this exceedance has been reviewed and is considered acceptable, from a geotechnical perspective. Therefore, the proposed grading at the subject site is considered acceptable, from a geotechnical perspective, and no lightweight fill or other considerations to accommodate the proposed grades are required.

We trust that this information satisfies your immediate requirements.

Best Regards,

Paterson Group Inc.



Kevin A. Pickard, EIT



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