

re: Geotechnical Assessment – Grading Plan Review
Proposed Commercial Development
101A and 103 Schneider Road - Ottawa

to: Kepali Holdings Ltd. c/o Renfroe Land Management – **Mr. David Renfroe** –
davidrenfroe@outlook.com

date: July 14, 2021

file: PG5692-MEMO.02

Further to your request and authorization, Paterson Group (Paterson) prepared the current memorandum to complete a grading plan review from a geotechnical perspective for the aforementioned commercial development. The following memorandum should be read in conjunction with Paterson Report PG5682-1, dated March 31, 2021.

Background Information

Based on the above noted geotechnical investigation, the subsurface profile across the subject site consists of topsoil and/or fill followed by sandy silt to silty sand. The silty sand is underlain by very stiff to stiff silty clay deposit.

Due to the presence of a silty clay deposit below the proposed building, a permissible grade raise restriction of 2.0 m was provided in our geotechnical report based on the shear strength and consistency of the underlying silty clay.

The following section will summarize our review of the proposed grading plans in conjunction with the permissible grade raise restrictions provided in the geotechnical report.

Grading Plan Review

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

- Grading Plan – 103 Schneider Road – Project No. 211-01794-00 - Sheet No. C03 - Revision 2 - Dated June 23, 2021.

Based on our review of the aforementioned grading plan, the proposed grades are within the permissible grade raise restriction of **2.0 m** provided throughout the site in the aforementioned geotechnical report. Therefore, the proposed grading is considered acceptable from a geotechnical perspective and no lightweight fill or other considerations to accommodate the proposed grades are required at this time.

We trust that the current submission meets your immediate requirements.

Best Regards,

Paterson Group Inc.



Maha K. Saleh, Provisional P.Eng



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Paterson Group Inc.

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