



re: Geotechnical Review of Site Grading
Proposed School (Block 261) – Quinn’s Pointe – Stage 2
1045 Kilbirnie Drive – Ottawa

to: CEPEO – Mr. Justin Houle – justin.houle@cepeo.on.ca

to: WSP – Ms. Jill MacDonald – jill.macdonald@wsp.com

date: July 26, 2022

file: PG6364-MEMO.02

Further to your request and authorization, Paterson Group (Paterson) prepared the following memorandum to provide a geotechnical review of the grading plan for the proposed development to be located at the subject site. This memorandum should be read in conjunction with Paterson Geotechnical Reports PG4748-1 dated November 2, 2018 and Paterson Geotechnical Memorandum PG6364-MEMO.01 dated July 26, 2022.

Grading Plan Review

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

- Cepeo Barrhaven Manotick Elementary School – Grading Plan – Sheet No.: C03 – Project No.: 219-00014-01 – Revision 3 dated July 22, 2022.

Due to the absence of a sensitive silty clay layer within the subject site, a permissible grade raise is not applicable for the proposed development and the proposed grading is considered acceptable from a geotechnical perspective. Therefore, no lightweight fill is required for the proposed building. Additionally, grading around proposed entryway structures does not exceed the permissible grade raise recommendation. Standard construction practices are considered acceptable.

Based on the current proposed grading, adequate soil cover is available against frost protection for the proposed building foundations. Therefore, rigid insulation will not be required for the proposed foundations from a geotechnical perspective. Furthermore, the grading plan is in general conformance with the recommendations provided by Paterson Group in the aforementioned geotechnical report.

We trust that the current submission meets your immediate requirements.

Paterson Group Inc.

Owen Canton, EIT



Faisal I. Abou-Seido, P.Eng.

