



**re: Grading and Servicing Plan Review**  
**Proposed Mixed Use Development**  
**216 McArthur Avenue – Ottawa, Ontario**

**to:** Cassidy E.W. Construction Consultant Ltd. – **Mr. Chris Poirier** –  
[chris@cassidyewconstruction.com](mailto:chris@cassidyewconstruction.com)

**date:** December 14, 2022

**file:** PG6061-MEMO.02

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Further to your request and authorization, Paterson Group (Paterson) prepared the current memorandum to provide a Grading and Servicing Plan Review for the proposed development to be located at the aforementioned site. The following memorandum should be read in conjunction with the current Geotechnical Investigation Report (Paterson Group Report PG6061-1 dated January 27, 2022).

### **Grading Plan Review**

Paterson reviewed the following grading plan prepared by D.B. Gray Engineering Inc. for the subject site:

- Existing Conditions, Grading Plan and Drainage Plan – Proposed 3-storey Mixed-use Building 216 McArthur Avenue, Ottawa, Ontario – Job No. 20123 – Drawing No. C-2 of 3 – Revision 3, dated November 22, 2022.

Based on our review of the above-noted drawing and the subsurface conditions present at the subject site, the grading is considered acceptable, from a geotechnical perspective. A silty clay deposit was not encountered during the geotechnical investigation and therefore no permissible grade raise restrictions have been provided for the subject site.

### **Servicing Plan Review**

Paterson reviewed the following servicing plan prepared by D.B. Gray Engineering Inc. for the subject site:

- Site Servicing Plan – Proposed 3-storey Mixed-use Building 216 McArthur Avenue, Ottawa, Ontario – Job No. 20123 – Drawing No. C-1 of 3 – Revision 3, dated November 22, 2022.
- Notes & Details - Proposed 3-storey Mixed-use Building 216 McArthur Avenue, Ottawa, Ontario – Job No. 20123 – Drawing No. C-3 of 3 – Revision 3, dated November 22, 2022.





The proposed services have sufficient soil cover to provide suitable frost protection without the need for insulation. It is recommended that pipe bedding for sewer pipes placed on a bedrock surface be increased from 150 to 300 mm and indicated accordingly on Drawing C-1 prepared by D.B. Grey Engineering Inc. The proposed site servicing drawings are otherwise considered acceptable from a geotechnical perspective.

We trust that this information is satisfactory for your immediate requirements.

Best Regards,

**Paterson Group Inc.**

Drew Petahtegoose, B.Eng.



David J. Gilbert, P.Eng.

