



**re:** **Geotechnical Response to City Comments**  
**Proposed Self Storage Development**  
**75 Michael Cowpland Drive – Ottawa, Ontario**

**to:** Huntington Properties – **Mr. Mathieu Desjardins** –  
[mdesjardins@huntingtonproperties.ca](mailto:mdesjardins@huntingtonproperties.ca)

**to:** IBI Group – **Ms. Amy Zhuang** – [Amy.Zhuang@ibigroup.com](mailto:Amy.Zhuang@ibigroup.com)

**date:** November 21, 2023

**file:** PG3798-MEMO.04

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Further to your request and authorization, Paterson Group (Paterson) has prepared the current memorandum to provide our responses to the geotechnical related City comments provided via email on October 31, 2023, for the self storage development to be located at the aforementioned site. The following memo should be read in conjunction with Paterson Group Geotechnical Investigation Report PG3798-2 Revision 2 dated November 23, 2022.

**Original Comment 1.48:** *Please provide letter(s) from the neighbouring properties authorizing the proposed works within their lands. Otherwise, move the retaining wall so that all works are completely on-site.*

**IBI Response:** *Letter to be provided by Huntington Properties.*

**New Comment 1.48:** *Comment outstanding. No letter has been received. Retaining wall system may impact the 630 Eagleson Road landscape catch basin system. See as-built plans (attached for ease). Please note, a letter must also be provided for the proposed retaining wall system works within the on-site easement from the 630 Eagleson owner.*

**Paterson Response:** It is understood a letter will be provided in support of the proposed works. Reference should be made to Revision 5 (dated November 21, 2023) of Drawing PG3798-2 – Grande Retaining Wall Design. Although the excavation works will extend into 630 Eagleson Road and the associated sewers system backfill, the proposed works will not extend within the support zone for the existing catch basins located throughout the proposed work area. Based on that, the lateral support zones for the existing catch basins will not be negatively impacted from a geotechnical perspective.

Further, all existing materials and features associated with the existing services located beyond the subject site will be reinstated to match existing conditions upon completion of the proposed servicing works. Based on this, there are no negative impacts that are anticipated to result from the proposed servicing works along this property boundary and throughout 630 Eagleson Road from a geotechnical perspective.





**New Comment 1.50:** *The cross-sections have not been updated.*

**Paterson Response:** Based on our review of Drawing C-011, Cross Sections, Revision 6 dated November 13, 2023, prepared by Arcadis, the long-term pre-development groundwater table provided in Paterson Group memorandum PG3798-MEMO.03 dated September 5, 2023, has been provided on the pertinent cross-sections. Based on this, this comment has been responded to in accordance with our recommendations by Arcadis.

We trust that the current submission meets your immediate requirements.

Best Regards,

**Paterson Group Inc.**

Drew Petahtegoose, P.Eng.



Faisal I. Abou-Seido, P.Eng.

