

to:	Smart Living Properties - Mr. Rakan Abushaar Rakan@smartlivingproperties.ca
cc:	Smart Living Properties - Mr. Brian Tettman Brian@smartlivingproperties.ca
re:	Geotechnical Review of Revised and Approved Plans 84 to 96 Hinton Avenue - Ottawa
date:	May 8, 2020
file:	PM7842-MEMO.06
from:	Andrew J. Tovell

As requested, by Smart Living Properties, Paterson Group Inc. (Paterson) has conducted a geotechnical review of current City Approved revisions of plans relating to an application to revise the Site Plan Control for the 84 to 96 Hinton Avenue development.

Paterson are the geotechnical engineers of record for the proposed development. Our Supplemental Geotechnical Assessment, File PM7842-3R.REP, dated August 15, 2017, is the geotechnical report for the proposed development. The purpose of this memo is to confirm that the findings and recommendations within that report are still valid for the current City Approved revisions of plans that are noted below.

Paterson has reviewed the following plans from a geotechnical perspective:

- ☐ Site Plan, Drawing No. SPD-1, Job No. 1321-09, dated June, 2017, Revised to March 8, 2020, by Dexter A. Edwards Design and Expertise.
- ☐ Site Grading and Erosion Control Plan, Drawing No. 170453-GR1, Project No. 170453, dated August 8, 2014, Revision 3, September 20, 2019, by Kollaard Associates Engineers.
- ☐ Landscape Plan and Tree Conservation Report, Drawing No. L.1, Project No. 14-MIS-1429, March, 2014, Revision 17, March 31, 2020, by James B. Lennox & Associates Inc. Landscape Architects.

As a result of our review of the plans, the recommendations in our File PM7842-3R.REP, dated August 15, 2017, remain fully valid.

The underside of footing elevations shown on the Site Grading and Erosion Control Plan, Drawing No. 170453-GR1 indicate that the bearing medium for the footings for all the buildings will be the dense to very dense glacial till stratum, as identified in the geotechnical report. As one supplement to our previous recommendations, the glacial till stratum and underlying bedrock are materials that are not susceptible to volume change related to trees and therefore the buildings do not require large separation distances from trees. The locations of the trees shown on the Landscape Plan and Tree Conservation Report, Drawing No. L.1, are acceptable from a geotechnical perspective.

We trust that this information satisfies your immediate requirements.

Best Regards,

Paterson Group Inc.



Andrew J. Tovell, P.Eng.



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