



re: Geotechnical Response to City Comment
Proposed Multi-Storey Building
100 Weeping Willow Lane – Ottawa, Ontario

to: Homestead Land Holdings Ltd. – Mr. Jack Mangan –
jmangan@homestead.ca

date: August 8, 2023

file: PG5862-MEMO.01

Further to your request, Paterson Group (Paterson) has prepared the current memo to provide our response to the geotechnical-related comment from the City of Ottawa, which relates to the proposed development to be located at the aforementioned site. This response should be read in conjunction with the revised Geotechnical Investigation Report (Paterson Group Report PG5862-1 dated August 8, 2023).

City Comment - Engineering

Comment 1: *For Slope Stability Analysis in the Geotechnical Investigation dated July 23, 2021, include discussion as to why cross-section A-A was considered the worst-case scenario and confirm no other cross-sections should be considered (e.g., what about immediately adjacent to proposed building footprint?).*

Response: Note that the underground parking level, which is considered part of the proposed building footprint, extends through Section A-A. Accordingly, as this is the portion of the proposed building footprint which is closest to the creek, and also where the topography of the slope is the steepest, it is considered the worst-case scenario.

This discussion has been added into Section 6.8 of the revised Geotechnical Investigation Report, referenced above. Also, please note that the proposed building footprint has been updated in the revised report.

We trust that the current submission meets your immediate requirements.

Paterson Group Inc.

Scott S. Dennis, P.Eng.

