



re: Geotechnical Responses to City Comments
Proposed Canoe Storage Building
795 Tweddle Road – Ottawa

to: Petrie Island Canoe Club – **Mr. Hector Carranco** – petrieicc.manager@gmail.com

date: February 8, 2023

file: PG6038-MEMO.01

Further to your request, Paterson Group (Paterson) has prepared the current memo to provide our responses to the geotechnical-related comments from the City of Ottawa for the proposed development to be located at the aforementioned site. This memo should be read in conjunction with the current Geotechnical Investigation Report (Paterson Group Report PG6038-1 dated Feb. 8, 2023).

Geotechnical Investigation Report

Comment B1: *Update report to include the application address of 795 Tweddle Road.*

Response: The current Geotechnical Investigation Report (Paterson Group Report PG6038-1 dated Feb. 8, 2023) has been updated to reflect the address of 795 Tweddle Road.

Comment B2: *Location of proposed structure has moved, boreholes are no longer within the proposed building area.*

Response: The borehole is located approximately 15 m from the new building location. Given the geological history of this beach, where dredged sand was used to create the beach, the subsurface conditions are not considered to vary significantly across this distance, and the existing borehole is still considered to be representative at the new building location.

Comment B3: *Backfill materials are specified per OPSS. Compaction requirements not match OPSS, please clarify or revise.*

Response: The backfill materials referenced in Section 6.4 of the updated Geotechnical Investigation Report now reference the appropriate compaction requirement of 98% of the material's standard Proctor maximum dry density (SPMDD).





We trust that the current submission meets your immediate requirements.

Best Regards,

Paterson Group Inc.

Scott S. Dennis, P.Eng.

