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Internal Project No. CA0044112.4771

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PROPOSED BUILDING AND PARKING LOT DEVELOPMENT, 250 FORESTGLADE CRESCENT, OTTAWA, ONTARIO

ADDENDUM LETTER (NO. 1) TO GEOTECHNICAL INVESTIGATION REPORT BY WSP (FEB 14, 2025)

1 INTRODUCTION

WSP Canada Inc. (WSP), retained by OTTAWA ABORIGINAL COALITION c/o FOTENN, carried out a geotechnical investigation and prepared a report for the proposed residential building and parking lot development at a project site located at 250 Forestglade Crescent in Ottawa, Ontario. The geotechnical report number was CA0044112.4771 and dated February 14, 2025.

This addendum letter (No. 1) is issued for the revision of geotechnical recommendation related to the perimeter weeping tile subdrain system presented in Section 6.8.3.4 of the geotechnical report by WSP (February 14, 2025).

2 REMOVAL OF PERIMETER WEEPING TILE SUBDRAIN SYSTEM

In the meeting with the design teams of the project, the option of placing the footing foundations at shallower depth of about 0.92 m below finished grade was discussed to support the foundations on the upper crust soil layer which is relatively stiffer than the lower clay soil layer. If existing fills or other unsuitable materials are encountered after excavating to the footing design subgrade level, they will be subexcavated and backfilled with Cellular Concrete fill or lean concrete fill to the design subgrade level. In addition, the footings will be provided with permanent rigid insulations extending laterally from the sides of the footing walls.

Due to the proposed rigid insulations and shallower footing depths, the surface water infiltration around the proposed building perimeter can be managed by using less permeable backfill material for external side of footing trench and provide slope to the external finished grade of the building perimeter. Therefore, the recommended perimeter weeping tile subdrain system in Section 6.8.3.4 of WSP geotechnical report can be removed.

The proposed "Free Draining Backfill (OPSS Granular B or Equivalent)" shown on Sketch 1 of WSP report should be replaced with clay engineered backfill placed in lifts of 150 mm and compacted to 98% of Standard Proctor

Maximum Dry Density (SPMDD). If compaction is difficult due to tight space or restricted access areas, or ***if the underlying native soil is prone to compaction disturbance***, then Unshrinkable Fill (U-Fill) as per OPSS.MUNI 1359 should be used in lieu of the clay engineered fill.

All the concrete surfaces (such as foundation walls and slab-on-grade) in contact with the ground should be properly protected with waterproof material.

3 CLOSURE

Should you have any questions or require further clarification, please contact the undersigned.

Yours very truly,

WSP Canada Inc.



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