



October 1, 2024
Ref. No. CO947.03

Rohit Communities Ontario Inc.
C/O Adil Kodian
15 Fitzgerald Road
Ottawa, ON, Canada
K2H 9G1

Subject:

**Grading Letter to supplement the Geotechnical Investigation Report
Wateridge Village, Block 6, Ottawa, Ontario**

Terrapex Environmental Ltd. (**Terrapex**) was requested by Rohit Communities Ontario Inc. (the Client), to review the following grading plan provided to Terrapex:

“Grading Plan”, Sheet Number C-200, prepared by Arcadis, dated September 25, 2024.

Terrapex carried out a geotechnical investigation for Rohit in support of the proposed development at Block 6, Phase 4 which will contain two low-rise residential apartment dwellings, Building B and Building C with one level of underground parking. The following report was issued to the Client:

“Additional Geotechnical Investigation Report, Wateridge Village – Phase 4, Block 6, Ottawa, Ontario”, dated October 1, 2024, Prepared by Terrapex, Project No. CO947.00.

According to the architectural drawings prepared by NORR Architects & Engineers Limited, dated September 25, 2024, provided to Terrapex by the Client, it is understood that the underground parking will cover the majority of the site, except for the south of Building C, and southwest corner of Building B. The finished grade in areas which are outside the footprint of the underground parking varies from 85.1 masl to 88.15 masl. According to the elevations surveyed at the borehole locations, the existing topographic elevation within the above area varies from 85.9 masl to 87.4 masl. As such, the proposed grade change is -0.8 m (cut) to 0.7 m (fill).

Based on the findings of the geotechnical investigation at the locations of BH6-4, BH6-6 and BH6-7, the soil stratigraphy outside the footprint of the underground parking consists of approximately 1.5 m to 2.5 m of fill material, overlying bedrock. The fill material was observed to be soft to firm silty clay in BH6-4, loose sandy silt in BH6-6, and locally very dense sand and gravel at the location of BH-7. Any soft to firm cohesive fill materials and loose non-cohesive fill materials shall be sub-excavated and replaced with engineered fill, constructed with select clean fill materials,

under the supervision of the Geotechnical Engineer. For further recommendations regarding engineered fill placement and pavement design, reference should be made to the Geotechnical Investigation Report.

The proposed grading has a maximum steepness of 3H:1V, which is satisfactory and will provide a factor of safety of 1.5 against slip failure.

Terrapex hereby authorizes Rohit Communities Ontario Inc. to rely on the report listed above, to the same extent and with such effect, and subject to the same limitations as the party for whom the report was prepared. Please be advised that the findings and conclusions presented in the report pertain strictly to conditions at the time at which the work was reviewed by **Terrapex**. Please also note that the report is intended to be used in its entirety and no excerpts may be taken as representative of the findings.

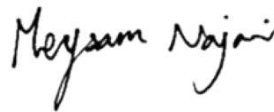
Should you have any questions regarding this letter, please do not hesitate to contact our office.

Yours very truly,

TERRAPEX ENVIRONMENTAL LTD.

A handwritten signature in black ink, appearing to be 'Yacouba Doro', with a stylized, somewhat abstract shape.

Yacouba Doro, MBA, PMP®, P.Eng.
Senior Geotechnical Project Manager

A handwritten signature in black ink, clearly legible as 'Meysam Najari'.

Meysam Najari, Ph.D., P.Eng.
Vice President, Geotechnical Services