September 6, 2023

Halifax Regional Municipality
PO Box 1749
Halifax, Nova Scotia
Attention: [redacted]

Subject: **Interim Geotechnical Report**
Lot 13-1-5, Burnside Business Park Phase 13-1, Burnside, NS
Englobe reference: 00018473.002

[redacted]

On behalf of Halifax Regional Municipality, Englobe Corp. has carried out field inspection of the ongoing lot preparation at the above-mentioned site. The purpose of the work was to provide quality control inspection of select fills placed within the proposed lots and to evaluate existing site native soil for its competency as foundation subgrade material. The following letter will summarize current lot construction with the intent of releasing final geotechnical reports at a later date following completion.

At the commencement of construction, the proposed building lot was underlain with trees/shrubs, organic soils, cobble/boulders and elevated native soils in select areas. These conditions necessitated clearing, removal of all topsoil/organics, and cut and fill operations. At this time, site preparation is not complete and site earthworks are still ongoing to reach the desired lot subgrade elevation(s).

Field inspection commenced in winter of 2022, during initial site preparation and mass excavation. To reach proposed lot subgrade elevations, operations included cutting native soils in select elevated areas and structural fill placement in low areas of the lot. Processed site rock and site native till were placed and compacted in successive lifts as structural fill. Large vibratory rollers and on-site excavation equipment were utilized with good results obtained throughout.

Englobe Corp. has been in attendance at the site to provide quality control inspection during lot preparation at Burnside Business Park Phase 13-1. In Englobe' s opinion, lot subgrade preparation conducted to-date has been carried out using proper geotechnical practices and to industry standards. All remaining subsoil preparation at the above noted site will be monitored and inspected by Englobe Corp. A final geotechnical inspection report will follow upon completion of site work.

We trust that this information meets with your present requirements. If you have any questions concerning the enclosed information, please do not hesitate to contact the undersigned.

Yours truly,
Englobe Corp.

[redacted]
Project Manager, Geotechnical Engineering

Attachment: (Site Plan)

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