

August 29, 2022

JN 21062

Kam Derakshani
8151 Southeast 48th Street
Mercer Island, Washington 98040
via email: derakshani@msn.com

Subject: **Review of Plans and Minimal Risk Statements 2** - Proposed Residence Remodel
8151 Southeast 48th Street, Mercer Island, Washington

Reference: "Geotechnical Engineering Study," subject site, Geotech Consultants (GCI), March 29, 2021
"Review of Plans and Minimal Risk Statements, subject site, GCI, October 18, 2021

Plans: **Centerline Design** – Sheets 1A through 10, Dated October 7, 2021.
Atlas Consulting Structural Engineers – Sheets S1.1 through S6.6, Dated December 3, 2021.
Civil Engineering Solutions – Sheets C1 through C4, Dated August 29, 2022.

Dear Mr. Derakshani:

We have completed a general review of the geotechnical aspects of the referenced plans and specifications for the house to be remodeled 8151 Southeast 48th Street. The trench backfill for the storm drainage pipe between the catch basin and the slope shall be backfilled with compacted native soils to prevent any groundwater migration toward the slope.

We reviewed the referenced plans above. In our judgment, the plans conform to the recommendations in our geotechnical engineering report. If the recommendations and conditions of the geotechnical engineering report are satisfied during construction and use of the project, the proposed project will not increase the potential for soil movement. The areas disturbed by construction will be stabilized and should remain stable, subject to the conditions of our geotechnical engineering report.

As required by the City of Mercer Island, the following statement is made:

The geologic hazard area will be modified, or the new development has been designed so that the risk to the lot and adjacent property is eliminated or mitigated such that the site is determined to be safe.

We appreciate the opportunity to be of service on this project. Please contact us if you have any questions, or if we can be of further assistance.

Respectfully submitted,
GEOTECH CONSULTANTS, INC.

 8/29/22

James H. Strange, P.E.
Associate

JHS:jhs