

October 24, 2023

JN 22013

Weaver Construction  
23631 – 140<sup>th</sup> Avenue S.E.  
Kent, Washington 98042

Attention: Cameron Weaver  
via email: [cam@weaverconstructionco.com](mailto:cam@weaverconstructionco.com)

Subject: **Geotechnical Update and Review of Plans**  
Proposed Addition to Existing Wai Residence  
7235 East Mercer Way  
Mercer Island, Washington

Reference: *Foundation Considerations and Critical Area Report, Proposed Addition to Existing Wai Residence, 7235 East Mercer Way, Mercer Island, Washington*; Geotech Consultants, Inc.; January 24, 2022.

Greetings:

We understand that the scope of the project has been reduced to consist of reconstructing the upper floor deck located on the east side of your home. The lower floor deck will remain in its current configuration.

We were provided with the structural drawings prepared by Consulting Structural Engineering Services, dated 11/6/23 (Sheet S-4). The reconstructed upper floor deck will be supported on isolated pad footings, each of which will be carried on a tripod of 2-inch-diameter pipe piles (Detail P-1/S-4).

The use of pipe piles to support the new foundations is appropriate, and the plans conform to our recommendations.

We provide the following “statement of risk” to satisfy City of Mercer Island conditions:

*“Construction practices are proposed for the alteration that would render the development as safe as if it were not located in a geologically hazardous area and do not adversely impact adjacent properties”*

Please contact us if you have any questions regarding this letter, or if we can be of further assistance.

Respectfully submitted,  
GEOTECH CONSULTANTS, INC.

Marc R. McGinnis, P.E.  
Principal



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