

November 7, 2023

JN 23271

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Subject: **Review of Plans**  
Proposed Deck / Roof Addition to Existing Residence  
5642 East Mercer Way  
Mercer Island, Washington

Greetings:

We have completed a general review of the geotechnical aspects of the plans for the deck and roof addition to the existing residence at 5642 East Mercer Way on Mercer Island. The plans we reviewed include: 1) Sheets A-1.0 through A-4.0, which were prepared by HhLo design dated August 28, 2023, and 2) Sheets S1 through S3, which were completed by techinstruc LLC dated March 30, 2023. We completed a geotechnical engineering study for this project dated August 14, 2023.

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. The risk of damage to the proposed development, or to adjacent properties, from soil instability on this site will be minimal, subject to the conditions set forth in our report. The use of the word "minimal" should not be taken to imply that there is no risk, but rather that the risk is low, as construction on, or close to, a slope always involves some risk.

In addition to our review of plans, we also need to prepare a "statement of risk" per Mercer Island requirements. As such, we make the following statement:

*It is our professional opinion that the reviewed plans for the proposed deck/roof structure will render the development as safe as if it were not located in a geologically hazardous area and will not adversely impact critical areas on adjacent properties.*

If there are any questions regarding this letter, or if we can be of further service, please do not hesitate to contact us.

Respectfully submitted,

GEOTECH CONSULTANTS, INC.

D. Robert Ward, P.E.  
Principal

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