

April 12, 2023

JN 21151

Dheeraj Koneru
7002 – 93rd Avenue Southwest
Mercer Island, Washington 98040
via email: dkoneru@gmail.com

Subject: **Review of Revised Plans**
New Residence
6610 East Mercer Way
Mercer Island, Washington
Permit #2112-250

Greetings:

As required by Mercer Island's Geotechnical Reviewer, we have reviewed the geotechnical aspects of the revised plans for your new residence. For our review, we were provided with the 2112-250-REV1-SUB1 plan set. This plan set included the architectural drawings dated 03-16-2023, civil plans dated 3/16/23, and the structural drawings dated 3.7.23.

Reviewer's Comment: "Please have the geotechnical engineer of record review the planset and provide an updated statement of risk in accordance with MICC 19.07.160.B.3."

Response: We have reviewed the revised plans. The house footprint has been shifted slightly further to the west. Also, the eastern landscape improvements have been modified by eliminating the swimming pool, and creating a pile-supported spa and terrace areas.

The design of the pile-supported foundation and interconnecting grade beams is intended to provide life-safety for the occupants in the event of seismic liquefaction and/or lateral spreading under the Maximum Considered Earthquake. The planned development does not increase the risk to surrounding properties.

In order to satisfy City of Mercer Island requirements, we provide the following "statement of risk":

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



cc: **JMK Homes** – Jed Murphey, Todd O'Dell, and Eric Anderson
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4/12/2023

McCullough Architects – Devlin Rose
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