

June 14, 2022

JN 20279-1

Ian and Tracy Clarkson
8510 Southeast 82nd Street
Mercer Island, Washington 98040
Via email: tracyclarkson2@yahoo.com and iclarkso@gmail.com

Subject: **Review of Plans**
Proposed Clarkson Residence
8163 West Mercer Way
Mercer Island, Washington

Ian and Tracy,

As required by the City of Mercer Island, we have completed a general review of the revised plans for your new residence. For our review, we were provided with the architectural plans (Brandt Design Group; April 19, 2022), civil plans (LPD Engineering; June 10, 2022), and the structural and shoring plans (SSF Structural Engineering; June 10, 2022).

Cantilever soldier piles will be utilized for retention of the excavation for the house, garage, and driveway. Heavily-reinforced drilled piles will be installed along the low, western side of the development area to provide stability against potential future slope movement. Driven small-diameter pipe piles will be installed within the footprint of the house to support interior building loads and the lowest structural slabs. A short gabion landscape wall will be constructed between the house and the pile slope stabilization wall.

Statement of Risk: In order to satisfy the City of Mercer Island's requirements, a statement of risk is needed. As such, we make the following statement:

It is our professional opinion that the recommendations presented in our Geotechnical Engineering Study, and which are included in the above-referenced plans for the planned alteration 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 you have any questions regarding this letter, please contact us.

Respectfully submitted,

GEOTECH CONSULTANTS, INC.

Marc R. McGinnis, P.E.
Principal



cc: **The Brandt Design Group** - Bree Medley
via email: bree@brandtdesigninc.com

6/14/2022

MRM:kg