

August 10, 2021

JN 20322

Aaron and Amelia McLearn
9210 Southeast 50th Street
Mercer Island, Washington 98040
via email: aaronmclear@gmail.com & ameliamclear12@gmail.com

Subject: **Review of Plans**
Proposed Additions to Existing McLearn Residence
9120 Southeast 50th Street
Mercer Island, Washington

Dear Mr. and Mrs. McLearn:

As required by the City of Mercer Island, we have completed a review of the geotechnical aspects of the plans for the work on your new residence. For our review, we were provided with the architectural plans prepared by Brandt Design Group, dated August 6, 2021, and the structural drawings prepared by SSF Structural Engineering, dated August 6, 2021.

The plans show the new exercise room and isolated post at A-4 to be supported on pipe piles. Also, the existing fill is to be removed from the footprint of the new exercise room. This conforms with our recommendations. The other foundations further to the south, away from the steep slope, will be supported using conventional footings bearing on dense, native soils. The existing fill will remain beneath the non-structural patio outside the footprint of the new exercise room. This patio will be repoured in its current configuration.

It is our professional opinion that the recommendations presented in our report and incorporated into the drawings that we reviewed for the planned alterations 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.

Please contact us if there are any questions regarding this letter.

Respectfully submitted,
GEOTECH CONSULTANTS, INC.

Marc R. McGinnis, P.E.
Principal



08/10/2021

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

MRM:kg