

February 24, 2021

JN 20086

F. Ross Murray
7675 Northeast 14th Street
Medina, Washington 98039
via email: f.rossmurray@gmail.com

Subject: **Review of Plans**
Proposed Murray Residence
4803 Forest Avenue Southeast
Mercer Island, Washington

Dear Mr. Murray:

As required by the City of Mercer Island, we have completed a general review of the geotechnical aspects of the plans for your new home. For our review, we were provided with the structural and shoring drawings prepared by B & T Design & Engineering dated February 13 and 19, 2020, and the civil plans prepared by Apex Engineering dated October 29, 2020.

Cantilever soldier piles will be used to retain the excavations for the garage, residence, and loggia. The perimeter piles will also be used to vertically support building loads, in addition to driven, small-diameter pipe piles to carry interior loads.

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 Study and incorporated into the reviewed 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.

Please contact us if there are any questions regarding this letter, or for further assistance during the design and construction phases of this project.

Respectfully submitted,

GEOTECH CONSULTANTS, INC.

Marc R. McGinnis, P.E.
Principal



cc: **Richard Flake Architecture**
via email: richard@rfarchitecture.com

02/24/2021

MRM:kg