



June 5, 2023

G-5571

Mr. Chris Haddad
Suyama Peterson Deguchi
8601 Eighth Avenue S.
Seattle, Washington 98108

Subject: Geotechnical Review of Project Construction Plans, Jaffe Residence Remodel,
8455 SE 83rd Street, Mercer Island, Washington

Dear Mr. Haddad:

Per your request, GEO Group Northwest, Inc. has reviewed the construction plans for the proposed residence remodeling project at the above-subject location on Mercer Island, Washington. The plans we reviewed consist of the revised construction plans by Suyama Peterson Deguchi dated March 31, 2023, the structural calculations dated August 5, 2022 and supplemental structural calculations revised May 31, 2023 by SSF Structural Engineering, and the revised civil plans by Red Barn Engineering dated May 31, 2023.

In our opinion, the reviewed plans are consistent with the geotechnical recommendations presented in our geotechnical report for the project dated July 21, 2022. It also is our opinion that the proposed stormwater dispersion trench for the project as illustrated in the revised civil plans is acceptable from a geotechnical perspective. Provided that the recommendations in our report are properly implemented, it is our opinion the proposed development will not increase the potential for soil movement, and the risk of damage to the site or from the site to the adjacent properties from soil instability will be minimal.

We also have reviewed the project plans per MICC Section 19.07.160(B)(3)) with regard to the risk to the project associated with geologically hazardous areas. In our opinion, 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.

Closing

Please feel welcome to contact us if you have any questions regarding this letter.

Sincerely,

GEO GROUP NORTHWEST, INC.



Keith Johnson
Project Geologist



William Chang, P.E.
Principal Engineer