GEO Group Northwest, Inc.
Geotechnical Engineers, Geologists
& Environmental Specialists

May 3 2017 G-3837

Mr. William Summers
MI Treehouse LLC
P.O. Box 261
Medina, WA 98039
Email: bill@summersdevelopment.com

Subject: Geotechnical Report Addendum
Potential Adverse Impacts to Adjacent and Downhill Properties
5637 East Mercer Way, Mercer Island, WA 98040

Reference: City of Mercer Island, Letter Dated 3/20/2017
Re: CA015-001

GEO Group Northwest, Inc. Geotechnical Engineering Report
Report dated 3/13/2015, G3837 for the Proposed Residence

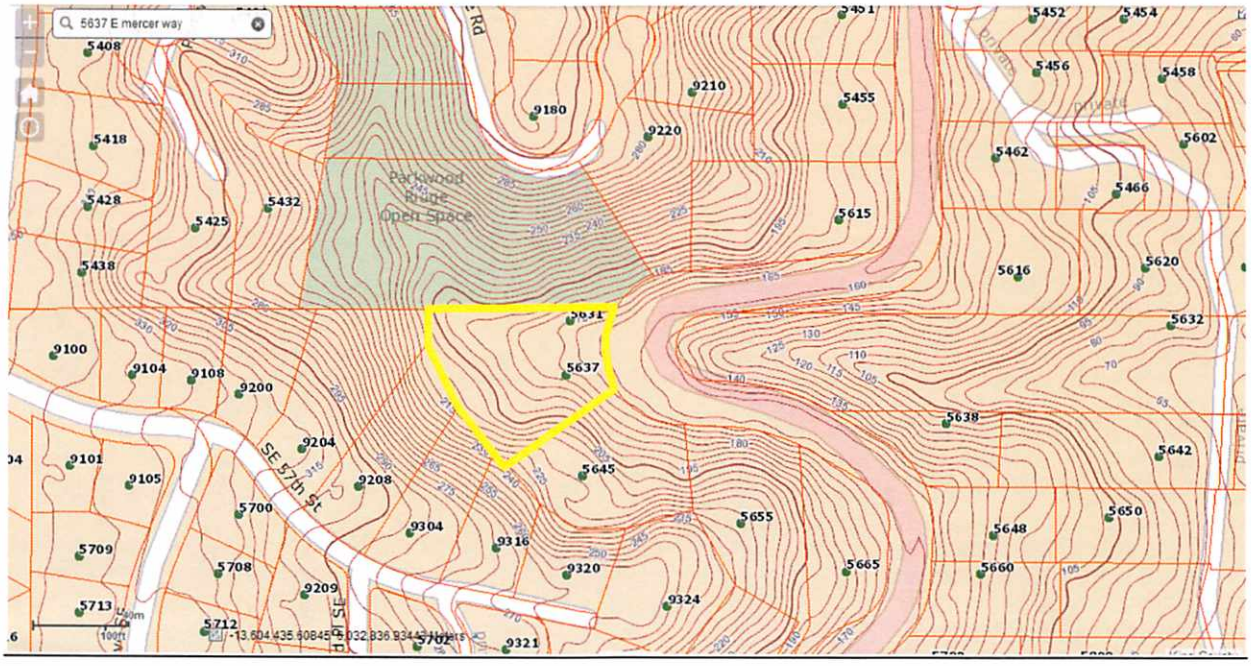
Dear Mr. Summers:

At your request, we are responding to the referenced City of Mercer Island letter dated 3/20/2017, with respect to item 2b – Address potential adverse impacts to adjacent and downhill properties.

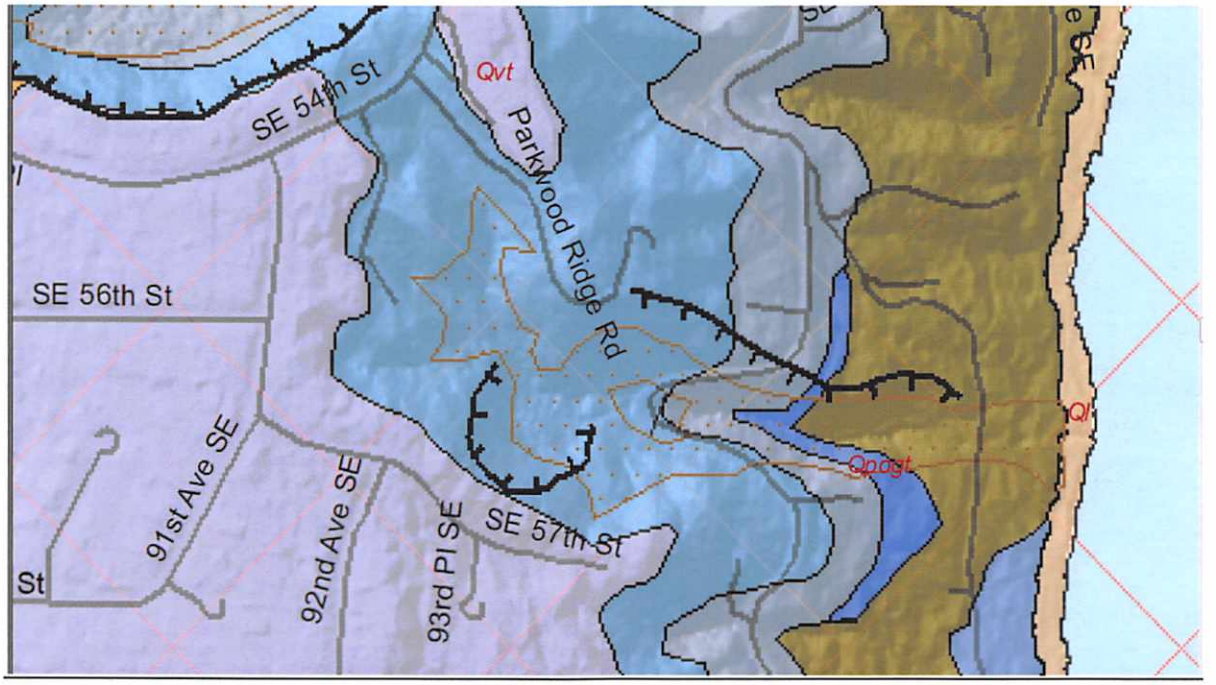
Site Description

The proposed residence at 5637 East Mercer Way is located at the west side of East Mercer Way, on a 38,700 square foot lot that is bordered on the south by a single family residence 5643 East Mercer Way, a small stream at the north side of the property. An aerial photo of the subject lot and the topography of the lot and surrounding areas from the King County imap data files. To the north of the subject lot is the Parkwood Ridge Open Space. To the west of the subject site are the slopes for residential lots along SE 57th Street, where houses have been built on the level portions of the lots along SE 57th Street.

Aerial Photo of the Lot (Yellow Outline) and Surrounding Areas



Topography of the Lot (Yellow Outline) and Surrounding Areas



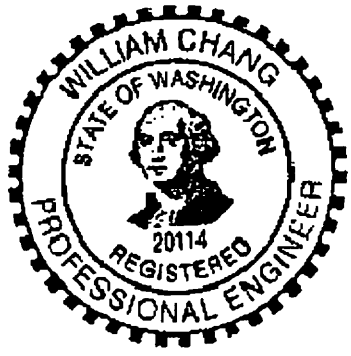
Geology – According to the geologic map for the area, the site is underlain by Advance Outwash (Qva) sands, as shown by the light blue deposit. The black lines with the segmented cross lines represent landslide scarps developed at the end of the last ice age some 13,000 years ago and the tan lines and dots represent material washed down from the steep slopes in the same time period.

Proposed Development and Potential Impacts to Adjacent and Downhill Properties

The proposed development will be built on the flatter section of the lot, not cut into steep slopes. The proposed house will be supported on pipe piles. The building pad and driveway subgrades will be stabilized with the use of a filter fabric and crushed rock. Drainage will be tightlined into the storm water system. All of these measures will improve the stability of the proposed development and have no adverse impacts on adjacent properties. The drainage improvements may have a small but beneficial impact on the surrounding properties.

Sincerely,
GEO Group Northwest, Inc.

William Chang.



William Chang, P.E.
Principal