

August 12, 2025

JN 23440

Jonathan Spare  
8265 Southeast 61<sup>st</sup> Street  
Mercer Island, Washington 98040  
via email: [jdspare@gmail.com](mailto:jdspare@gmail.com)

Subject: **Review of Revised Plans (Revision Set 3)**  
Proposed Remodel of Existing Residence  
8265 Southeast 61<sup>st</sup> Street  
Mercer Island, Washington

Greetings:

As requested, we have completed a general review of the geotechnical aspects of the revised plans (Revision 3) for the remodel/expansion of your existing home. For our review, we were provided with the architectural plans (Studio DIAA; 08.11.2025) and the structural drawings (CQN; 08.11.25).

Driven pipe piles will now be used to support the new foundations for the southern half of the house and to underpin existing foundations that will remain. During demolition and excavation, fill soils have been encountered through the southern approximately one-third of the residence. Excavation to reach bearing soils in this area is impractical, due to the limited working room allowed by the watercourse setback and the requirement to maintain portions of the existing foundations and walls. The use of the pipe piles will provide appropriate support for the remodeled residence. We have verified that suitable native bearing soils are present in the northern portion of the structure at the base of the existing foundations.

We provide the following "statement of risk":

*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.*

Please contact us if you have any questions, or if we can be of further assistance.

Respectfully submitted,

GEOTECH CONSULTANTS, INC.



8/12/2025

Marc R. McGinnis, P.E.  
Principal

cc: **Studio DIAA** – Libby So - via email: [libby@studiodiaa.com](mailto:libby@studiodiaa.com)