Cobalt Geosciences, LLC
P.O. Box 1792
North Bend, WA 98045

December 19, 2024

MacPherson Construction and Design
Attn: Mr. Dan Buchser
dan@macphersonconstruction.com

RE: Plan Review
Proposed Additions/Remodel
5330 Butterworth Road
Mercer Island, Washington

In accordance with your authorization, Cobalt Geosciences, LLC has prepared a plan review letter for the project.

We have reviewed the architectural plans by MacPherson Construction and Design dated October 31, 2024, civil plans by Ethos Civil dated October 1, 2024, and structural plans by Mulhern Kulp dated October 22, 2024. The plans appear to include relevant information from the geotechnical report. We have no comments at this time.

Statement of Risk

Per Section 19.07.160B3 of the Mercer Island City Code, development within geologic hazard areas require that a Geotechnical Engineer licensed within the State of Washington provide a statement of risk with supporting documentation indicating that one of the following conditions can be met:

a. The geologic hazard area will be modified, or the development has been designed so that the risk to the lot and adjacent property is eliminated or mitigated such that the site is determined to be safe; or

b. An evaluation of site specific subsurface conditions demonstrates that the proposed development is not located in a geologic hazard area; or

c. Development practices are proposed for the alteration that would render the development as safe as if it were not located in a geologic hazard area; or

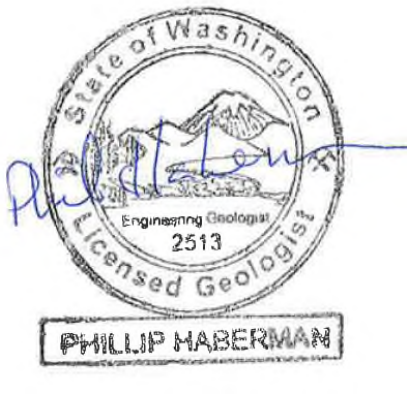
d. The alteration is so minor as not to pose a threat to the public health, safety and welfare.

The project meets the criteria of C from above. The construction will render the affected area as safe as if it were not located in a geologic hazard area. This includes deep foundation elements to support new foundations. The risk of landslide activity is low and will not be increased or decreased.

We should be on site to verify aspects of earthwork construction, including but not limited to pin pile placement, foundation drains, excavations, fill compaction, and subgrade stability.

Sincerely,

Cobalt Geosciences, LLC



12/19/2024
Phil Haberman, PE, LG, LEG
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