



Cobalt Geosciences, LLC
P.O. Box 82243
Kenmore, Washington 98028

April 11, 2022

Mark Wischman
AW Property Group, LLC
mark@wischmanmgt.com

RE: Geotechnical Letter
Proposed Two Lot Subdivision
4001 W. Mercer Way
Mercer Island, Washington

In accordance with your authorization, Cobalt Geosciences, LLC has prepared a statement of risk since the site is within or near geologically hazardous areas per City GIS mapping.

Based on the City mapping, the site is within a potential landslide hazard area and erosion hazard area.

Statement of Risk

Per Section 19.07.060.D.2 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. Development practices such as proper grading, fill compaction, drainage installation, and grading can render the development safe as if it were not within a hazard area provided they are performed in accordance with our recommendations, permit requirements, and with geotechnical oversight. We should be on site to periodically monitor site grading, erosion control, foundation drainage placement, excavations, fill compaction, and soil bearing in footing areas.

This proposed development can be completed without adversely affect geologic hazards near or within the site.

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Addendum Letter

Sincerely,

Cobalt Geosciences, LLC



4/11/2022
Phil Haberman, PE, LG, LEG
Principal