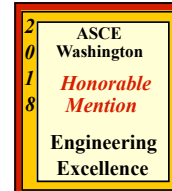


June 26, 2024
Project No. 2EJ01261028

Buping Wang & Wanqiu Yang
c/o Siyao Studio
siyaow@siyao.studio



Re: Geotechnical Plan Review and Minimum Risk Letter
6450 E Mercer Way
Mercer Island, WA 98040
CAO24-004 Review Letter 2

Dear Buping and Wanqiu:

At your request, I provide this letter of minimum risk statement.

We prepared a geotechnical engineering evaluation for the project site dated October 5, 2023. In general, we concluded that the site does not contain Landslide Hazard Areas, Erosion Hazard and Seismic Hazard is low as defined by the Mercer Island Municipal Code (MICC). The proposed development plans consist of replacing the existing detached garage with a new 2-story ADU at approximately same location. In our geotechnical report dated October 5, 2023, A slope stability was conducted showing that with such development the site is determined to be safe and geologic hazard mitigation is also conducted showing that the proposed development will not adversely impact the subject property or adjacent properties and other critical areas.

Merit Engineering has reviewed the latest Architectural Plan dated 05/05/2024 from Siyao Studio, Civil Engineering Plan dated 06/03/2024 from Merit Engineering, INC and Structural Plan dated 11/17/2023 from HAREZLAK Engineering. Based on our review of the plans, it is our opinion that the geotechnical aspects of these documents are generally consistent with the design recommendations presented in our geotechnical report dated October 05, 2023

MINIMUM RISK STATEMENT

Based on our site-specific subsurface evaluation the proposed development is not within a landslide hazard area or seismic hazard area meeting the requirements stated in **Mercer Island City Code 19.07.160.B.3.a.**

Provided that the project is completed in accordance with the plans and specifications and that the geotechnical engineer of record provides observation during construction, it is our opinion that the areas disturbed by construction will be stabilized and remain stable and will not increase the potential for soil movement. The risk of damage as a result of soil instability will be minimal on the property being developed, and on adjacent properties. The use of the

word “minimal” in the above statement should not be taken to imply that there is no risk, but rather that it is our opinion that the risk is low.

We appreciate this opportunity to present our proposal to you. If you have any questions, please contact us at 425-454-2133.

Sincerely,



Austin Huang, Ph.D., P.E., LG., F.ASCE, D.GE

President

Diplomate - Academy of Geo-Professionals

Fellow - American Society of Civil Engineering

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