



associated
earth sciences
incorporated

April 22, 2024
Project No. 20220141E001

Brad and Judy Chase
4467 Forest Avenue SE
Mercer Island, Washington 98040

Subject: Geotechnical Plan Review
Chase (Fused Elements) Residence
4525 Forest Avenue SE
Mercer Island, Washington

Geotechnical Report: Subsurface Exploration, Geologic Hazard, and
Geotechnical Engineering Report
Chase Residence
Mercer Island, Washington
Dated August 16, 2022

Plans Reviewed: Fused Elements
Civil Sheets C1.00, C2.00, C2.50, C3.00, C4.00, C4.50, C5.00 and C5.01,
kpff, dated April 9, 2024
Architectural Sheets G0.00, A0.02, A0.03, A0.20, A0.21, A0.24, A0.30,
A0.50, A0.51, A0.52, A0.53, A1.00, A2.10, A2.20, A2.30, A2.40, A3.00,
A3.01, A3.10, A4.00, A4.01, A7.00, A7.01, A8.00 and A8.01, dated
April 9, 2024, Olson Kundig
Structural Sheets S0.01, S0.02, S1.01, S2.03, S4.01, S4.02, S5.01, S6.01,
S6.02 and S6.03, dated September 8, 2023, Sheets S2.00, SH0.01 and
SH2.01, dated February 23, 2024, and Sheets S2.01, S2.02 and
SH4.01, dated April 9, 2024, kpff
Boundary and Topographic Survey, PLOG Engineering, dated 2022
Topographic and Boundary Survey, Terrane, dated July 7, 2021
Landscaping Sheets L1.00, L1.01 and L1.02, Spring Greenworks, dated
April 9, 2024

Dear Mr. and Ms. Chase:

This letter provides our geotechnical plan review and statement of risk for the proposed residence, in response to a comment made by the City of Mercer Island's reviewer, dated April 11, 2024. Associated Earth Sciences, Inc. (AESI) has prepared a geotechnical report, dated August 16, 2022, for the proposed residence, to be located at 4525 Forest Avenue SE in Mercer Island, Washington. The following provides our response to the City's comment.


If no foundation or shoring changes are made to the SUB 4 planset, please provide the plan review letter and statement of risk from the geotechnical engineer of record in accordance with MICC 19.07.160.B.3.

We have reviewed the project plans referenced above. In our opinion, these plans conform to our geotechnical engineering recommendations. In our opinion, provided the project is constructed in accordance with these plans, the development practices proposed for the alteration would render the development as safe as if it were not located in a geologic hazard area, per MICC 19.07.160(B)(3)(c).

Closure

We appreciate the opportunity to be of continued service. If you have any questions, please call.

Sincerely,
ASSOCIATED EARTH SCIENCES, INC.
Kirkland, Washington



Jeffrey P. Laub, P.E., L.G., L.E.G.
Associate Engineer/Geologist



Bruce L. Blyton, P.E.
Senior Principal Engineer