

March 26, 2025
File No. 20-174.300

Charlie Du
Jason Brothers, Inc.
11111 NE 8th St
Bellevue, WA 98004

**Subject: Geotechnical Plan Review and Statement of Minimum Risks
Proposed SFR
4006 E Mercer Way, Mercer Island, WA**

Dear Mr. Du,

GEOTECHNICAL PLAN REVIEW

As requested, we reviewed the geotechnical engineering aspects of the current plans for the above-referenced project. Our review includes the following:

- Architectural plan Sheets A1.0 through A4.2 last revised on March 18, 2025 by Sturman Architects,
- Civil Plan Sheets C-1 through C-3 last revised on September 11, 2024 by Nick Bossoff Engineering, Inc.; and
- Structural plan sheets S1.1 through S4.6 dated March 3, 2025 by SSF Structural Engineering.

In general, it is our opinion that the plans reviewed had incorporated all substantial geotechnical recommendations presented in our updated geotechnical report dated October 30, 2024.

STATEMENT OF MINIMUM RISKS

We understand that the site is mapped as a geologic hazard area. Per Mercer Island City Code Section 19.07.160.B.2, development within geologic hazard areas and critical slopes may occur if the geotechnical engineer provides a statement of risk with supporting documentation indicating that one of the following conditions can be met:

- a. An evaluation of site-specific subsurface conditions demonstrates that the proposed development is not located in a geologic hazard area;
- b. 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;
- c. Construction practices are proposed for the alteration that would render the development as safe as if it were not located in a geologic hazard area;
- d. The alteration is so minor as not to pose a threat to the public health, safety, and welfare;

Based on our additional analysis and our review of the current plans, it is our opinion that Criterion (b) and (c) can be met, provided that the project is properly constructed per the approved plans.

CLOSURE

We trust that the information presented herein meets your need at this time. Please call if you have any questions.

Sincerely,



3/26/2025

Michael H. Xue, P.E.
Principal Geotechnical Engineer