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February 12, 2025

Kati Eitzman  
Sturman Architects  
[kati@sturmanarchitects.com](mailto:kati@sturmanarchitects.com)  
Office: 425-451-7003

**Re: Jason Residence**  
**4006 E Mercer Way #2411-062**

**CORRECTION NOTICE #1**

Dear Kati,

We are in receipt of the City of Mercer Island permit review comments and have responded as follows:

- A. Page 3. Geotechnical peer review.** If shoring is proposed, please provide location and extent of shoring on the drawings. Please provide shoring design details and calculations for review.

*Response: Refer to supplemental calculation sheets SUP.1 and SUP.2. Refer to the plans for added information pertaining to a temporary shoring wall along the south.*

- B. Page 25. Geotechnical peer review.** Please update referenced report date to October 2024.

*Response: Refer to corrected reference on our general notes sheet.*

- C. Page 27. Geotechnical peer review.** Please coordinate with the geotechnical engineer to provide recommended lateral earth pressures for site walls with slope surcharges. Please provide structural calculations and details for the proposed retaining wall with a 2H:1V slope surcharge included.

*Response: Refer to supplemental structural calculations page SUP.3 for the retaining wall in question. Refer to the plans and details for added plan information accordingly. We have coordinated the required active pressure at the 1V:2H slope, with the project geotechnical engineer, as requested: It is 45 pcf.*

- D. Page 27. Geotechnical peer review.** Please verify that the wall along Grid 2 was designed for surcharge loading from garage and driveway areal loadings. Revise structural design accordingly.

*Response: The **garage slab** on grade is supported on grade beams and piles, and therefore does not laterally surcharge the basement wall on grid 2. The vertical reaction force from the garage slab at the basement wall on grid 2 has been included in the design of the basement wall and its footing.*

Supplemental calculations are attached to evaluate the lateral surcharge pressures from the soil supported concrete **driveway slab** onto the west basement wall between grids C and E. See supplemental calculation sheet SUP.4, and refer to the plan and added detail with concrete waler beam accordingly.

We trust our responses adequately address all structural aspects of the review comments. Please contact us if you have any other structural questions or concerns.

Sincerely,  
Swenson Say Fagét,  
Structural Engineering



Bart Blans, PE, SE  
Senior Project Manager



Blaze Bresko, PE  
Managing Principal