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STRUCTURAL ENGINEERING

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November 5, 2019

City of Mercer Island
Development Services Group
9611 SE 36th Street
Mercer Island, WA 98040

RE: 7450 N Mercer Way
Mercer Island, WA 98040
Permit # 1904-048

We have updated the plans to match the revised architecture and performed an in-house review. The structural plans have been revised as outlined below.

Sheet S1.1

- Additional reinforcing added for 10" and 12" walls.

Sheet S2.1

- Wall openings and shifted on west elevation.
- Additional site walls shown on structural plans.
- New storage shown under east deck, structural drawings revised.
- Concrete stair added to east side of property.

Sheet S2.2

- Deck framing joist spacing reduced to 12" on center.
- Connection from wide flange to concrete walls revised
- Storage room revisions same as S2.1.

Sheet S2.3

- Drawings clarify for ledger and lateral attachment.
- Single post in place of previous double post.

Sheet S3.1

- Detail 6 revised for larger footing.
- Detail 9 removed.

Sheet S3.2

- Detail 8 added.
- Clarifications on details 3 and 4.
- (2) #4 bars at top of wall specified on detail 12

Sheet S4.2

- Details 2 and 6 removed.
- Detail 8 revised to show attachment from steel beam to porch roof framing.

- Detail 12 revised to show single post.
- Detail 11 added to show clarification for beam to concrete wall attachment.
- Detail 9 added to show attachment from concrete wall to parallel deck framing.
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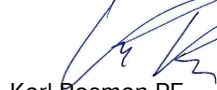
We have clouded the revisions and included revised calculations.

We trust this addresses all the structural concerns. Please give us a call if you have any further questions. Thank you.

Sincerely,

SWENSON SAY FAGÉT

A Structural Engineering Corporation



Karl Rosman PE

Associate Principal



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