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September 23, 2020

Mr. Robin Murphy AIA LEED AP
Principal
Jackson Main Architecture, P.S.
311 First Ave South
Seattle, WA 98104

SUBJECT: 2486 84th Ave SE
Mercer Island, Washington
RE: Plan Review Comments
Griffith Residence Deck Expansion

Dear Robin:

The following are our responses to The City of Mercer Island's plan review comments for the above referenced project.

Sheet S1.1 General Notes and Index

1. No comments on this sheet in this round of comments.

Sheet S2.1 Plans

1. The leader was not pointing to the correct spot. Plan has been updated.
2. This note has been updated to specify (2) locations on grid B.

Sheet S4.1 Details

1. Plate size and bolt locations have been added to detail.
2. Please see lateral calculations starting on page 57. The table of contents of the calculations has been updated to note this, instead of "Foundations" twice. Please note that the page numbers in this correction letter (and the table of contents) correspond to the hand written page number in the upper righthand corner, not the page number as identified by Adobe, which counts the cover sheet and table of contents. North-south seismic forces are transferred to the existing house structure at the ledger on the east side of the deck, at the GLB just east of grid 5 at the center, and by the GLB just east of the west edge of the deck. Please note the strap on the GLB in detail 2/S4.1, and the Simpson PBS66 in detail 6/S4.2 which is supporting the beam and has a lateral load capacity of 1,165 lbs. East west seismic forces are transferred to the existing house structure by straps at each joist, see details 8/S4.1 and 9/S4.1 and tie added to detail 1/S4.1 to carry seismic forces across the GLB near grid 5.
3. This is an extraneous note. The note has been removed.
4. Full depth blocking is already provided everywhere, except at the existing garage, where the blocking is moved slightly away from the bearing, and is less than full depth to allow for drainage. Please see detail 8/S4.1. The blocking is nearly full depth, and close enough to the bearing point that it will be adequate.
5. Please see response to comment 2 regarding page numbers. If "eccentric moment" refers to the railing post not necessarily aligning with the joists, note the beam is connected to the joists with the Simpson angle, and will support the moment. Please see page 49 of the calculations.

6. The detail called out is incorrect. The note has been revised to read 10/S4.1.
7. Please see revised detail 3/S4.1.

Sheet S4.2 Details

1. Note has been added to detail.

Please let me know if we can answer any questions or be of further assistance.

Sincerely,

Theodore D McDonald, P.E., S.E., Sr. Project manager
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