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Memorandum

To: Devlin Rose
Address: Mccullough Architects
5601 6th Ave S, Suite 371
Seattle WA 98108

Date: May 30, 2024
From: Sean Johnson, PE SE

Project: Koneru Residence Stair – Permit Application Number 2112-250
Mercer Island, WA
Structural Permit Review Comment Responses

We have reviewed the provided Koneru Stair permit review comments by dated May 17, 2024 prepared by City of Mercer Island. The original comments are reprinted below followed by our responses in *italics*. Updated structural drawings which address the comments below will be submitted with this letter. Revisions to drawings are clouded.

1. Engineer to specify a load test procedure that simulates applicable loading and deformation conditions, deflection limitations, etc. IBC 1708.2.2

SSF Response: This comment does not apply to this specific design. This IBC provision only applies where there is reasonable doubt as to the stability of the load-carrying capacity of the structure. This stair is designed supported by steel, wood and concrete, all of which have well-understood mechanical properties and design specifications.

2. Clarify shop vs. field welding (note if unit will be shop welded and delivered in one piece).

SSF Response: It is assumed that portions of the stair will need to be field welded. Stringer splice points and details have been provided on plan.

If you have any questions do not hesitate to contact us.

Sincerely,

Sean Johnson, PE SE
Senior Project Manager / Technical Lead
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