

Date: 2022.08.31

To: Crystal Kolke
Kolke Consulting Group, Inc
123 5th Ave, City Hall
Kirkland, WA 98033

From: Devlin Rose
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5601 6th Ave S, Suite 371
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RE: Commentary Response per Permit No. 2112-250

This letter is in regards to your THIRD review of the proposed single-family residence. Please see below for a response to your commentary in italics and our responses in bold. Thank you.

Nonstructural:

1. *Please correct Sheet A4 to call out the underslab waterproofing system. There are still references to the 6-mil vapor retarder that need to be corrected. Please coordinate callouts on Sheet A4 to coordinate with floor assembly F2, Sheet A17.*
 - a. **References to the 6-mil vapor retarder have been revised accordingly.**
2. *Building Section 3/A13 is cut in plan, but it is labeled as Section 4 on Sheet A13. Please resolve discrepancy.*
 - a. **Callout for Building Section 3/A13 revised on Sheet A13.**

Roof Top Photovoltaic System Documents:

1. *When resubmitting your solar package, please include all documents in a single PDF so that we can include it in our approved document set.*
 - a. **See provided compiled PDF with all applicable PV documents in a single PDF.**
2. *Page 16 of 16 of the solar design documents has a roof plan that shows the panel layout, the same area is hatched on Sheet A8 to show location of the panel arrays. Page 4 of 16 of the solar design documents notes the wind design requires the module edge be a minimum of 3' from the building edge. This does not appear to have been provided. Please add this dimension to Sheet A8 and verify that the panel design will fit on the roof considering this limitation.*
 - a. **Revised. Dimensions have been provided on Sheet A8 demonstrating a minimum 3' distance from the edge of building. Additional dimensions have been provided on solar documents page 16 of 17.**
3. *Page 3 of 16 of the solar design documents indicates that Array 2 may exceed maximum dimensions for seismic forces; see ASCE 7-16 Section 13.6.12. Provide justification for this design.*
 - a. **Solar array has been reconfigured to comply with standards set forth in ASCE 7-16 Section 13.6.12. See provided solar array layout and specs.**

We hope that this addresses your review commentary. Please feel free to call if you have any further questions.

Respectfully,

Devlin Rose
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