



September 13, 2023

Walker Custom Homes  
Attn: Robert Lindsey

RE: Hook Farms 2<sup>nd</sup> Plat Lot 114 – 2115 SW Hook Farms Dr., Lee's Summit, Missouri

Vista Structural Engineering, LLC was asked to address the following inspection items for the project located at above referenced address. Please see the following responses w/ attached partial plan mark up, calculations, and site photos for reference.

- 1) **Inspection comment:** Address rafter bearing not to plan.

**Vista Structural's response:** Roof rafter bearing is constructed per detail 7/S3.0. 2x4 brace is set vertical and rafter is bearing on an additional flat 2x6 plate, bearing on ceiling joist at the bearing wall end. GC to verify ceiling joist is toe nailed to wall plates w/ (3) 8d toenails as specified in detail 7/S3.0. **Vista recommends approval of the current framing if toenails are installed.** (RE. Photo 1 on pg. 2).

- 2) **Inspection comment:** Most exterior double LVL at covered patio plans call to be continuous to corner.

**Vista Structural's response:** Adjacent double LVL is notched to allow for fastening (RE. Photo 2 on pg. 3). LVL beams will be bearing on 6x6 post, there would be 2" min. of bearing for questioned double LVL beam which is sufficient by inspection. **Vista recommends approval of the current framing with no structural upgrade.**

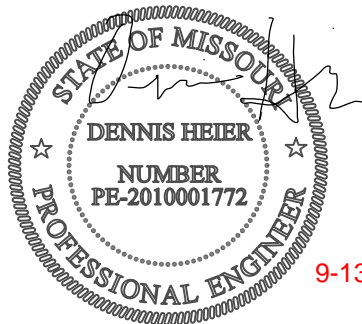
- 3) **Inspection comment:** Holes drilled too close together in (4) 2x10 above master bath.

**Vista Structural's response:** Second hole penetration is through approximately two to three 2x10s, RE. Photo 3 on pg. 4. **GC to provide (3) Simpson CS16 tension strap fastened to the underside of first three 2x10s. Center strap on penetration w/ 13" end length each direction (26" total strap length); provide (11) 8d nails into each end length.**

Our firm appreciates the opportunity to serve you. If you have any questions or if you need anything further, please feel free to contact us.

Sincerely,

Vista Structural Engineering, LLC  
Dennis Heier, P.E.



9-13-23

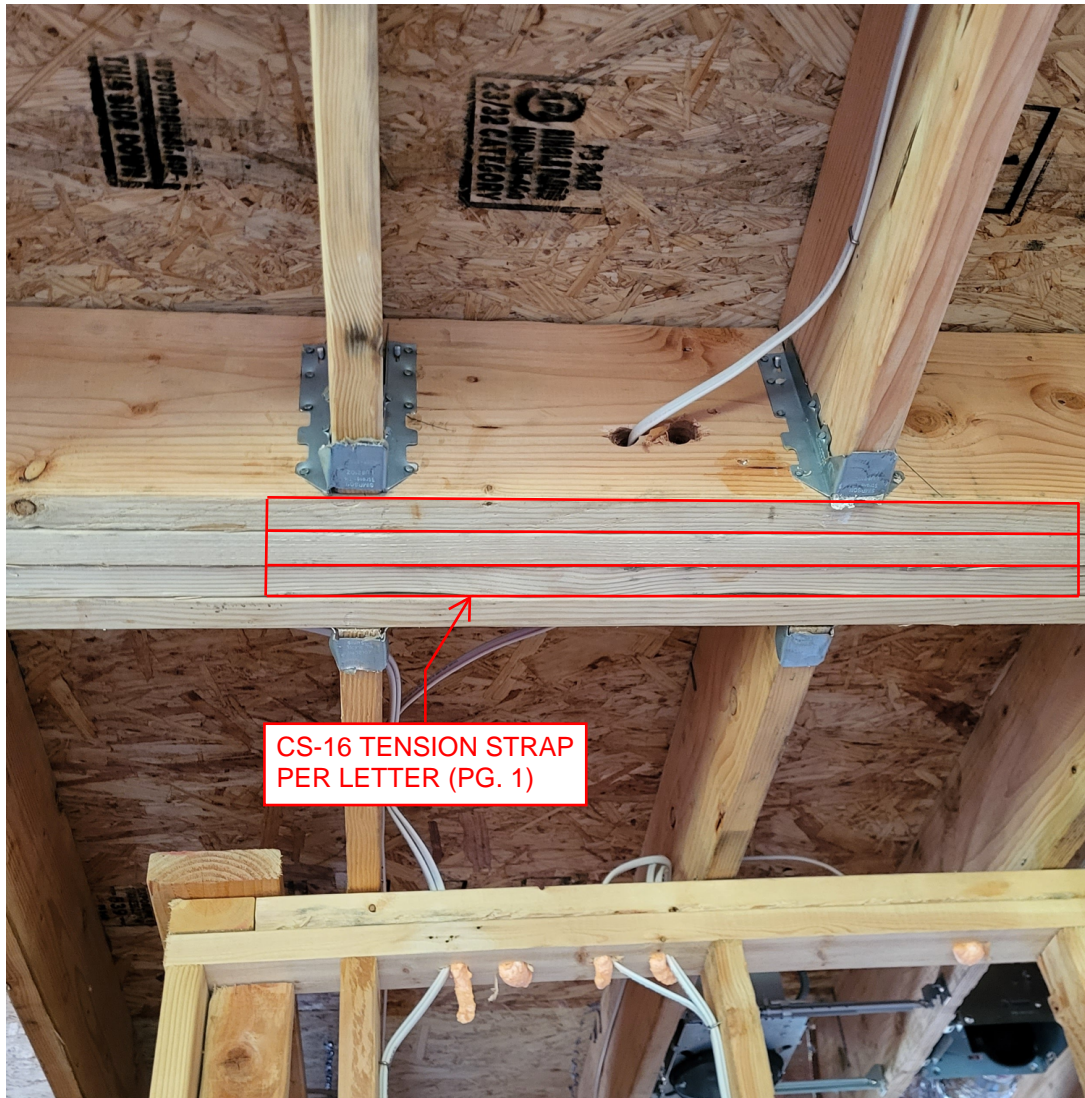


**PHOTO 1: RAFTER BEARING CONDITION PER  
DETAIL 7/S3.0**



***PHOTO 2: END DOUBLE LVL AT BACK PORCH***





**PHOTO 3: (4) 2x10 BEAM PENETRATION**