



July 8, 2024

Walker Custom Homes
Attn: Tyler Lockler

RE: 2234 SW Crown Dr., Lee’s Summit, MO – Inspection Letter

Per contractor’s request, Vista Structural Engineering, LLC, was asked to address the following inspection comment at the above reference project:

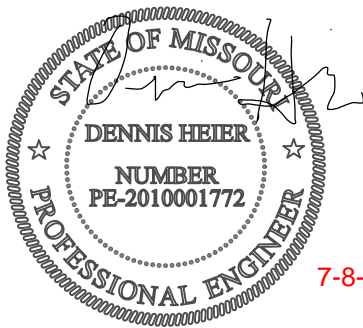
Inspection Comment: Address rafter bearing throughout residence.

VSE’s Response: Please reference attached site photos of rafter bearing conditions throughout residence. Please see the following recommendation/comments in accordance with site photo # reference.

- Site Photo #1: Toenail rafters to flat 2x plate, toenail flat 2x plate to blocking, and toenail blocking to wall top plate – min. (3) 8d toenails, typ. for connections listed (Ref. Site Photo 1 on pg. 2).
- Site Photo #2: Verify vertical 2x4 braces are fastened to rafters and blocking/ceiling joists with (3) 8d nails per detail 7/S3.0, typ. (Ref. Site Photo 2 on pg. 3).
- Site Photo #3: Install Simpson SDWC15600 screw to underside of flat 2x into bottom of LVL hip beam. Toenail ceiling joists to flat 2x member (above) with (3) 8d toenails, typ. Toenail ceiling joists to wall top plate with min (3) 8d toenails, typ. (Ref. Site Photo 3 on pg. 5).

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.



7-8-24



SITE PHOTO #1



SITE PHOTO #2



SITE PHOTO #3