



June 13, 2022

Walker Custom Homes, LLC  
Attn: Jason Walker & Pete Pine

Re: 1700 SW 27<sup>th</sup> Street, Lee's Summit, MO (Lot 42, Whispering Woods, 2<sup>nd</sup> Plat)

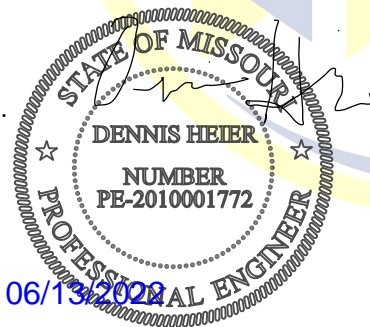
Vista Structural Engineering, LLC, was asked to address the following city inspection comment for the house being built at 1700 SW 27<sup>th</sup> St., in Lee's Summit, MO:

- **Address framing of back patio to dining area (detail 10/S3.2).** *The strapping has now been installed horizontally, as shown in the pictures on the following pages. We recommend approval of this installation.*
- **Address rafter to top plate connection (single car garage, bedroom 2).** *Our firm recommends verifying that the vertical members adjacent to the ceiling joists and rafters are fastened to both the ceiling joists and rafters with a minimum of (2) 10d nails. The ceiling joists should be fastened to the wall top plate with either a Simpson SDWC15600 screw or Simpson H2.5A ties. If SDWC15600 screws are chosen, they should be installed upward through the top plate, and into the ceiling joists. If H2.5A's are chosen, these ties should be fastened to the inside of the double top plate and the side of the ceiling joist. Picture provided for clarity.*

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.



# VISTA STRUCTURAL ENGINEERING, LLC

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*Porch beam extending into house*

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*Framing recommendation for item #2 – rafter connections*

## VISTA STRUCTURAL ENGINEERING, LLC

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