



April 21, 2022

Walker Custom Homes, LLC  
Attn: Ryan Hamilton and Jason Walker

Re: 518 NW Main Street

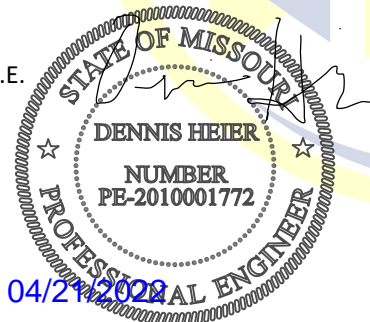
Vista Structural Engineering, LLC, was asked to address the following city rough-in inspection comment for the house being built at 518 NW Main Street, in Lee's Summit, MO:

- **Address the header installed above the window at bedroom #2. The windows were installed up to the bottom of the wall top plate.** *The header was originally installed as a triple 2x10, but was cut out in order to install taller windows. A double 2x12 header was installed over the double top plate, which was possible due to the gable roof construction above. Partial floor plans and pictures of the installation can be found on the following pages of this report. Because the rafters have been tied together with the ceiling joists, all loading is transferred to the side walls of bedroom #2, and no load is imposed on the double 2x12 that was installed. Therefore, the window installation and installation of the double 2x12 above the windows is more than sufficient to address the negligible design loads imposed on the front wall of bedroom #2.*

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

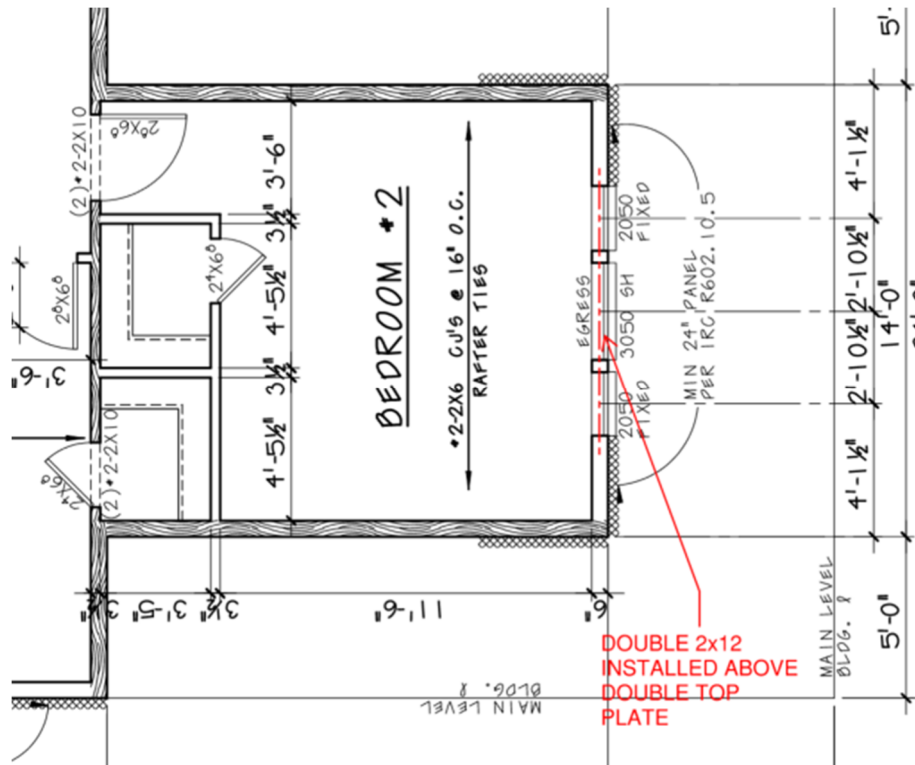
Dennis Heier, P.E.



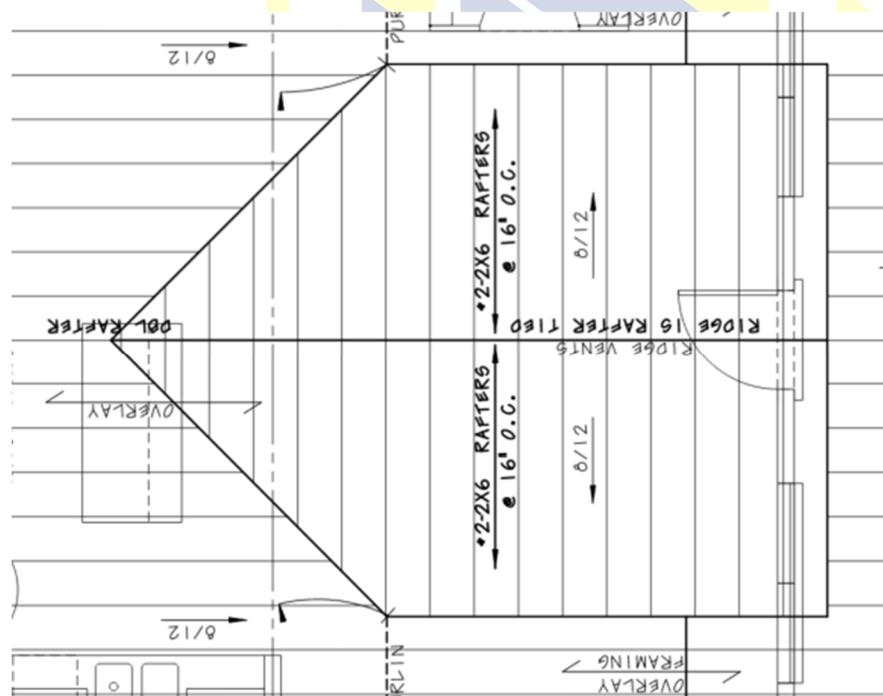
# VISTA STRUCTURAL ENGINEERING, LLC

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*Partial second floor plan*



*Partial roof plan*

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