



May 16, 2022

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

Re: 2104 SW Harvest Moon Lane, Lee's Summit, MO (Lot 86, Retreat at Hook Farms – 1st Plat)

Vista Structural Engineering, LLC, was asked to address the following city inspection comment for the house being built at 2104 SW Harvest Moon Lane, in Lee's Summit, MO:

- **Header above slider at back of dining area was installed at bottom of second floor wall. Please address.**
Since the ceiling joists above the patio and the floor joists above the dining area are spanning parallel to the beam, the loading on the beam is coming from the second floor wall and the roof above this second floor wall. Therefore, it is acceptable to install the LVL beam at the bottom of the second floor wall. The main item that should be verified before city approval is that the struts that are clouded on the partial roof plan on the following page should be supported by the beam in the second floor wall. These struts can be supported by a cleat fastened to the side of the bottom of the LVL beam. Pictures have been included for clarification.

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

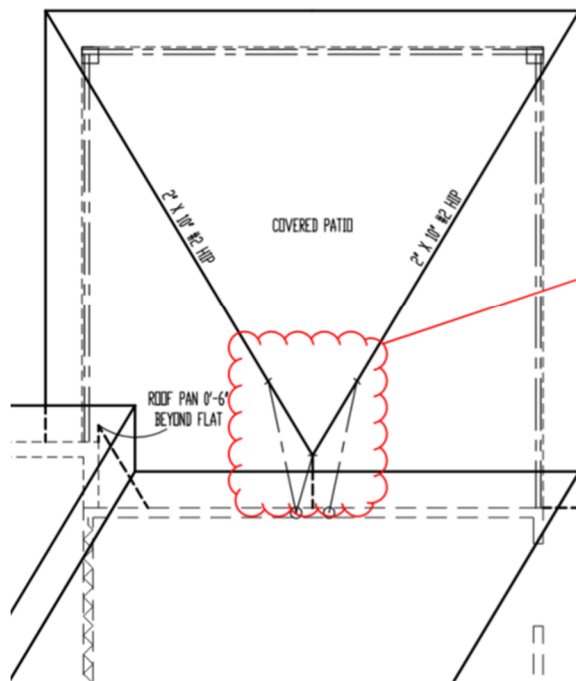
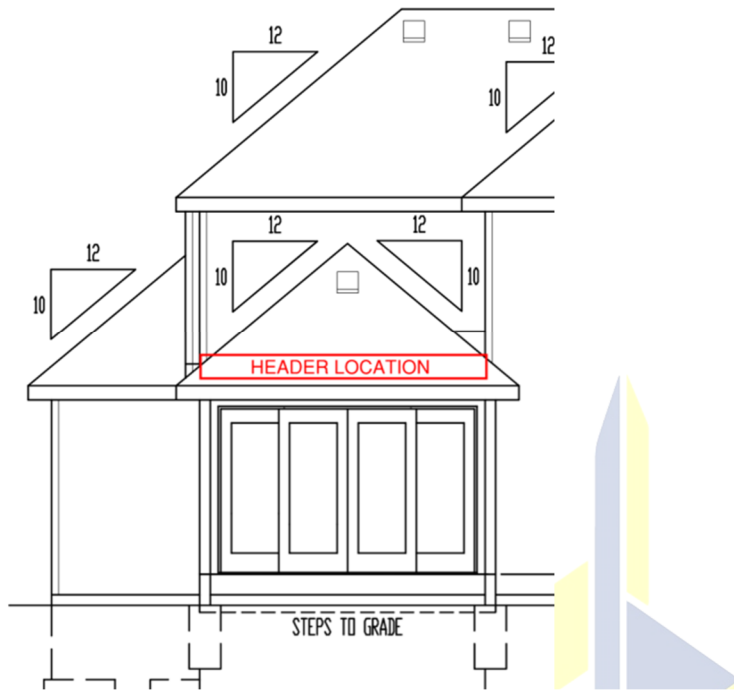
Dennis Heier, P.E.



VISTA STRUCTURAL ENGINEERING, LLC

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ASSURE THAT THESE THREE STRUTS ARE SUPPORTED BY THE LVL'S INSTALLED AT THE BOTTOM OF THE 2ND FLOOR WALL. THEY CAN BE SUPPORTED BY A 2x4 CLEAT NAILED TO THE BOTTOM OF THE LVL's

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