



HD Engineering & Design

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3/16/2023

SAB CONSTRUCTION

RE: RUSTIC RIVIERA (HFM069)
2022 SW RED BARN LANE
LEE'S SUMMIT, MO.

Our firm has been asked to address rough framing inspection items for the home being built at the location listed above. At the time of inspection the home was in a rough framed state. Please find below our firms response and recommendations for the item.

(3) 2x6 Column at Fireplace

The framer did not install two dedicated (3) stud columns at sides of the fireplace. The framer has installed a continuous header across the rear wall of the great room. The king and trimmer packs of the windows and the corner framing at the fireplace box are adequate for the transfer of loads in this area.

Our firm recommends approval of this item as constructed.

Holes Drilled Closer Than 2" Apart at Billiards Area

The plumber has drilled to 3/4" holes at the end section of a floor joist above the billiards area at the lower level. The position of the holes in the span of the joist will not affect the joist ability to transfer load as intended.

Our firm recommends approval of this item as constructed.

Double Every Other Joist Call Out Lower Level

The joist section above the lower level bath are labeled as double every other. The framer installed the joist in this section as single joist at 16" on center. After review of the span length given the bearing wall at the bath section and the position of the front beam the joist are adequate for transfer of loads in this area.

Our firm recommends approval of this item as constructed.

This report has been prepared for the exclusive use of our client for specific application to the project discussed and has been prepared in accordance with generally accepted engineering practices. No warranties, either express or implied, are intended or made.

We appreciate the opportunity to be of service to you on this project. If you have any questions regarding this report, please contact us.

Very truly yours,
HD ENGINEERING & DESIGN, INC.

John Hulse, Principal



STRUCTURAL REVIEW
HD ENGINEERING & DESIGN
HD: 43666 DATE: 3/16/2023