

## **HD Engineering & Design**

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5/24/2023

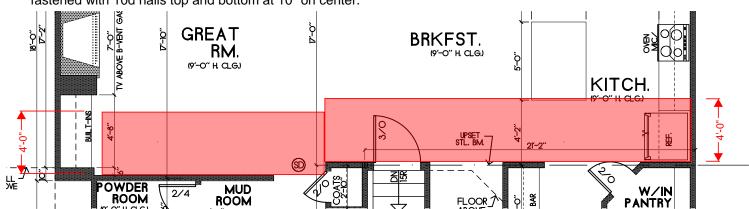
SAB CONSTRUCTION

RE: RED BUD II (HFR096)
PRRES 20224991
2037 SW HARVEST MOON LN
LEE'S SUMMIT, MO

Our firm has been asked to address a rough framing inspection item 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.

-Address any and all holes drilled in floor joist above great room, breakfast & kitchen closer than 2" to one another or the edge of the joist

The plumber and electrician have drilled holes in the joist along the center line of the house. In some locations the holes are slightly closer than 2" from the edge. To allow for the proper transfer of the floor loads our firm recommends placing 48" long 2x6 sister boards at the top of the joist on one side of each effected joist. The sister boards should be placed in the shaded region below and fastened with 10d nails top and bottom at 10" on center.



- -Address holes drilled closer than 2" to each other above the powder room
- -Address holes drilled closer than 2" to each other in floor joist W basement

The plumber has drilled holes in the joist in the two areas noted above that are are closer than 2" apart. The two areas in question are drilled in short span joist and end bearing locations. The proximity of the holes in these areas will not affect the joist ability to transfer load as intended. Our firm recommedns approval of these items 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: 44806 DATE: 5/24/2023