



HD ENGINEERING & DESIGN, INC.

SOLUTIONS FOR ALL OF YOUR ENGINEERING & DESIGN NEEDS

September 23, 2020

SAB Homes, Inc.
PO Box 942
Lee's Summit, MO 640630942

Re: 4724 NE Saratoga Ct

Our firm has been asked to address a framing inspection item for the house being built at the location listed above. At the time of inspection the home was in a rough framed state.

Notched Joist at Back Wall

The top portion of a floor joist has been notched to allow passage of a drain pipe for the tub above. The notch is approximately 1.5' from the end bearing of the joist. The framer has attached a 2x4 reinforcement board below the notch. The notch depth is right at the D/6 limit allowed by code.

The framing reinforcement and minimal depth of the notch will not affect the joist ability to transfer load as intended.

Our firm recommends approval of this item as framed.

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

Chris Saathoff, P.E., LEED-AP

