



# HD Engineering & Design

Solutions for all your engineering & design needs

August 4, 2020

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

**Re: 4725 Saratoga Ct**

Our firm has been asked to address two areas of the home being built at the location listed above with regard to rough framing inspection items. At the time of inspection the home was in a rough framed state.

**Wall at Front Bedroom**

The framer has framed the front wall of the front bedroom to be in excess of 12' in locations. The framer has reinforced the two studs each side of the window with an 'L' framing configuration.

The framing of the stud bays to either side of the window will reinforce the front wall adequately to allow transfer of loads as intended.

Our firm recommends approval of this item as framed.

**Garage Wall Framing**

The side wall of the garage has been framed with a lower wall at main level plate height and a shorter upper wall placed atop the lower wall. The wall currently has a hinge located at the point the walls stack.

Our firm recommends placing CS18 coil strap sections 24" long on the interior face of the wall studs centered on the hinge point. The straps should be placed a minimum of 32" on center along the wall.

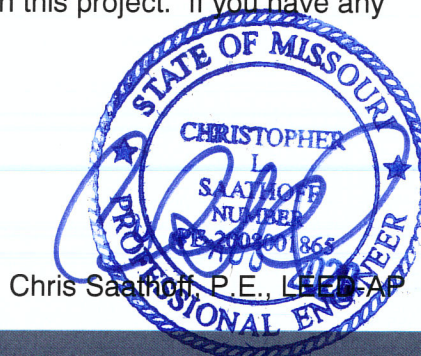
With the addition of the strap reinforcing our firm recommends approval of the wall for load transfer.

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