



HD Engineering & Design

Solutions for all your engineering and design needs

11/3/2021

Wood Brothers Construction

Re: 3117 SW Blue Ribbon
Lee's Summit, MO
(PRRES20203580)

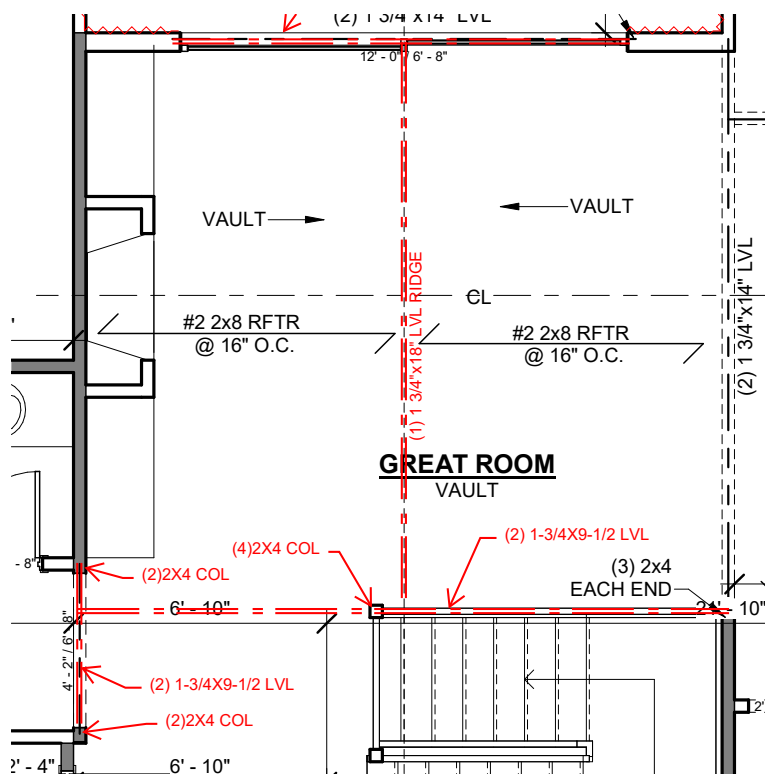
Our firm has been asked to address rough framing inspection items for the home being built at the location listed above. At the time of inspection the home was in a rough framed state.

Suspended Stoop

Our firm evaluated the front stoop reinforcing to verify compliance with the approved plans. The reinforcing was found to be at 12" on center and supported in compliance with the approved plans.

LVL Ridge at Great Room

The plans call for a triple LVL ridge over the great room. The framer has framed this area with an alternate configuration, see below. The alternate framing configuration below will transfer loads as intended.



ALTERNATE GREAT ROOM FRAMING

Continued.....



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Covered Porch and Covered Deck

Our firm was able to visually verify the framing for the covered front porch and covered deck. The framing for the two areas mentioned was found to be in significant compliance with the approved plans.

Our firm recommends approval of these items as framed.

Sheathing Nailing at Exterior

Our firm walked the perimeter and reviewed the sheathing attachment in place. We found two areas that lacked proper fastening at the rear wall of the garage and side wall of the garage. We alerted the builder to have these two areas addressed. The remainder of the sheathing was found to be properly attached. With the fastening of the two areas noted our firm recommends approval of the exterior sheathing.

Garage Portal Frame

The bolting and sheathing fastening has been questioned for the garage portal frame. Some of the fastening was not able to be inspected due to finishes being in place. To ensure the portal is capable of transferring loads as intended the interior of the portal shall be sheathed with 7/16 OSB and fastened as required.

With the addition of the interior sheathing attachment our firm recommends approval of the garage portal frame.

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

