



HD Engineering & Design

Solutions for all your engineering and design needs

FRAMING ADDENDUM

10/29/2021

GALE HOMES
400 SW Longview BLVD Suite 109
Lee's Summit, MO

RE: McBride Residence (PRRES20204561)
211 NW Carson
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.

Rear Wall of Great Room

The inspector has questioned the rafter bearing and framing configuration of the rear wall of the great room. The current roof framing and purlin configuration will resist lateral thrust and allow the rear wall to transfer load and perform as intended. The ceiling attachment reduces the unbraced length of the wall framing. Our firm recommends approval of this item as framed.

Garage Portal Framing

The bolt placement and bottom plates have been questioned by the inspector. To allow visual confirmation of fastening and allow the portal frame to resist lateral thrust the interior of the narrow wall sections will have sheathing applied. The sheathing will be APA approved 7/16" OSB fastened at 3" on center per the portal design on sheet S-2.0.

With the addition of the interior sheathing our firm recommends approval of this item.

Zero Entry Shower

The framer has run sister 2x8 joist for the area below Juliana's shower. The section of joist below shower have been notched to match the height of the 2x8 sister joist. There are some mechanicals passing thru the joist in this area. To allow the joist to properly transfer load our firm recommends strapping the underside of the joist that are drilled. The CS18 strap will be cut to 36" lengths and centered directly below the holes and fastened per manufacturer specifications.

With the addition of the strapping our firm recommends approval of this item.

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