



HD Engineering & Design

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January 16, 2019

Wyss Construction, LLC
PO Box 6620
27400 Mason School Rd
Lee's Summit, MO 64064

Re: 619 NE Lone Hill Drive

Our firm has been asked to address a 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.

Point Load at Entry Hall

There is a point load that has been created by the LVL end reaction that spans over the entry. The end reaction created at this location is approximately 2200 pounds. To allow proper transfer of the load to bearing members below the double 2x10 joist below this point (see attached sketch) will need to have two additional 2x10 joist added to it.

With the additional joist in place the (4) #2-2x10 beam is adequate to transfer the loads imposed.

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





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POINT LOAD LOCATION AT MAIN LEVEL



