



# HD Engineering & Design

*Solutions for all your engineering and design needs*

First Choice Custom Homes

RE: 1828 SW Sage Canyon Rd., Lee's Summit, MO

Our firm has been asked to make structural recommendations for the house being built at the address listed above. During the rough in inspection process the AHJ has questioned items. Below is a list of our recommendations along with the corresponding city item.

-have engineer address dbl 2x10 joist bored less 2" from end of joist at basement mech room DWV (the submitted engineer letter only addresses the electrical bores and doesn't call out this one for DWV)

After reviewing the bored double joist our firm recommends installing a 36" length of Simpson CMSTC16 coil 3" strap centered on the bored hole. The strap should be placed on the bottom edge of the double joist and fastened per the manufacturer's specifications.

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.



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STRUCTURAL REVIEW  
HD ENGINEERING & DESIGN  
HD: 41515 DATE: 5/2/2022