



HD Engineering & Design

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3/3/2023

STEWART BUILDERS

**RE: ALLENSTONE PLAN (SVF119)
3208 SW SADDLEBRED
LEE'S SUMMIT, MO.**

Our firm has been asked to address a rough 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. Please find below our firms response and/or recommendations for the item.

Sill Bolts at Garage Wall

The framer has installed a 2x4 sill plate at the interior wall of the garage. The reduced size sill board has caused the sill bolts to be outside of the middle third of the plate. To reinforce the location our firm recommends placing HTT4 hold downs fastened to the foundation and running up the rim. The base of the hold down will be secured with 4" Titen HD and the attachment to the rim will be per manufacturer recommendations with 10D nails. The straps will be placed no further than 6 feet apart. With the addition of the hold downs the wall section will transfer load as intended.

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



STRUCTURAL REVIEW
HD ENGINEERING & DESIGN
HD: 43754 DATE: 3/3/2023