



January 17, 2022

Trumark Homes  
4816 NE Jamestown Dr.  
Lees Summit, MO 64064

**RE: Structural Inspection**

On January 14, 2022 a structural inspection was performed by Everstead at the above referenced property. The purpose was to inspect framing concerns noted during the City's framing inspection. Below are the findings and recommendations.

**City Comment: Have engineer provide detail for rafter to joist connections not connected at top plate \*\* You need to add solid blocking between rafters to brace against rotation**

- Everstead observed a raised rafter connection, where the rafter was installed above the double top plate, supported by a beveled 2x4 stud with blocking installed between each rafter. Everstead recommends installing a gusset plate, min 3/8" OSB fastened with a min. 2 rows of (5) 6d common nails at each member connection to resist outward lateral movement.

**City Comment: Support covered porch beams at entry wall \*\* add stud under beam support to header above entry door**

- Everstead observed a 2x6 stud installed as a direct load transfer to the header from (2) 2x4s supporting the ridge above the doorway in the entry.

We would like to thank you for the opportunity to consult you on your home. Please feel free to contact us if you have any questions regarding this report or need any further consultation.

Sincerely,

Chris Davis, PE

