



September 27, 2019

Summit Homes  
120 SE 30<sup>th</sup> St  
Lees Summit, MO 64082

**RE: Steel beam inspection for Lot # 50 Manor at Stoney Creek – 1805 SW Merryman Dr Lees Summit, MO 64082 - Permit# PRRES20191320**

On September 27, 2019, a special inspection was performed by Residential Engineering Services, LLC (R.E.S.) at the above referenced property. The purpose of this inspection was to inspect an existing steel beam with a bearing length less than the required 1.5" and to determine if it is structurally sound.

**Findings:**

- Existing steel beam is observed to have approximately only 1" of bearing in the beam pocket.
- A full height treated 2x4 was observed to be bolted to the foundation wall to add an extra 1.5" of bearing length to the steel beam.

**Recommendations**

- RES has determined that the bulk of the load is being transferred to the beam pocket. The added pressure treated 2x4 provides additional bearing length as required by code and at the time of inspection was structurally sound.

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

Sincerely,

Bradley Huxol, PE

