



March 8, 2022

Summit Homes  
120 SE 30<sup>th</sup> St.  
Lee's Summit, MO 64082

**RE: Field Issue of over notched floor joist for Lot #110 Hawthorne Ridge – 3205 SW Arbortree Drive Lee's Summit, MO 64082 – Permit # PRRES20212634**

This letter addresses the over-notched floor joist that is supporting the first level floor system.

Findings – Over-notched joist

Floor joist has been over-notched at the end and is no longer bearing on the W8 x 13 steel beam. The joist is located under the Bath 1. Joist spans approximately 12' 6" and has a standard loading of Dead = 15 PSF @ 16" OC and Live = 40 PSF at 16" OC.

Recommendations

Sister a 6' length floor joist adjacent to existing over-notched floor joist. Floor joist shall be 2x10 with 4 fasteners per linear ft in "W" pattern with 2-1/2" structural screws or 16D nails to existing over-notched joist.

Sincerely,

A handwritten signature in blue ink, appearing to read "B. Huxol", is written over a light blue horizontal line.

Bradley Huxol, PE

