



April 4, 2022

Summit Homes
120 SE 30th St.
Lee's Summit, MO 64082

**RE: Field Issue of over-notched floor joist for Lot #128 Hawthorne Ridge – 3204 SW Arbortree Drive
Lee's Summit, MO 64082 – Permit # PRRES20213493**

Over-notched floor joist in Bath #3/ Bedroom #5:

- Floor joists are Douglas Fir Larch #2 2-2x10 @ 16" oc and span approximately 17'-10" and have standard dead=10 psf and live = 40 psf.
- Floor joists have been notched to allow for plumbing lines.
 - Notch is located above Bath #3/ Bedroom # 5 wall.
 - Notch is approximately 3.5" wide by 2" inches deep.

Recommended modifications:

- Install 6' length of Douglas Fir Larch #2 2 x10 sistered to notched double floor joist.
- Install 4 fasteners per linear foot in a "W" pattern with 2-1/2" structural screws or 16D nails.

Sincerely,

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

Bradley Huxol, PE

