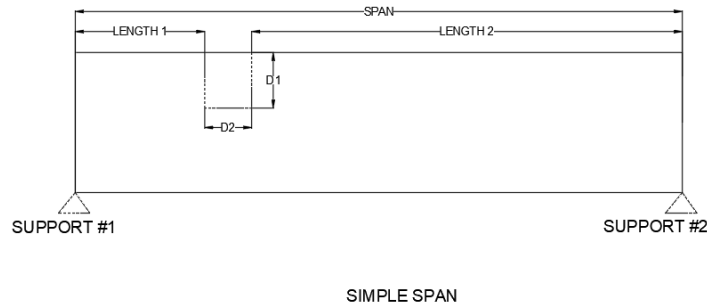


June 30, 2022

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

**RE: Field Issue of over-notched floor joist for Lot #111 Manor at Stoney Creek – 4409 SW Grindstone Circle,  
Lee's Summit, MO 64082 – Permit # PRRES20216314**

Over-notched floor joist:



- D1 – 6"
- D2 – 4"
- Length 1 – 2'
- Length 2 – 9.5'
- Span – 11.75'
- Support #1 – W8x15 Steel beam
- Support #2 – Foundation wall.
- Location – Near basement stairs/ under bath#1.
- Loading -
  - Dead = 15 psf @ 16" oc
  - Live = 40 psf @ 16" oc

Recommendations:

- Add additional (1) full length #2- 2x10 adjacent to over-notched floor joist. Floor joist shall be installed no further than 4" from notched floor joist.
- Install solid blocking at the end supports and fasten to sheathing per 2018 IRC.

Sincerely,



Bradley Huxol, PE

