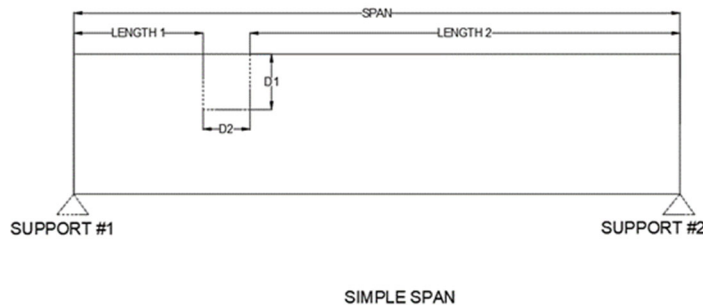


June 27, 2022

Clover & Hive
120 SE 30th St.
Lee's Summit, MO 64082

RE: Field Issue of Over-notched joist for Lot #6 Osage– 3705 SW Walsh Drive, Lee's Summit, MO 64082 – Permit # PRRES20213588

Findings- See Below:



- D1 – 4.5"
- D2 – 5"
- Length 1 – 2'
- Length 2 – 5' 1"
- Span – 7.5'
- Support #1 – Foundation Wall
- Support #2 – W8x28 Steel beam
- Location – Near foundation wall/ under powder room.
- Loading –
 - Dead = 15 psf @ 16" oc
 - Live = 40 psf @ 16" oc

Recommendations:

Add additional support to existing 2x10 notched floor joist. Sister Douglas Fir Larch #2 2x10 joist for 6' length with 4 fasteners per linear ft in "W" pattern with 2-1/2" structural screws or 10D nails to existing notched floor joist.

Sincerely,



Bradley Huxol, PE

