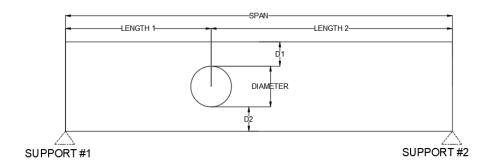


February 1, 2022

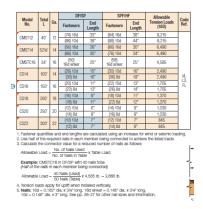
Summit Homes 120 SE 30th St. Lee's Summit, MO 64082

RE: Field Issue of overbored hole in floor joist and spliced top plate at garage wall and stair wall for Lot # 109 Hawthorne Ridge— 3201 SW Arbortree Dr. Lee's Summit, MO 64082 — Permit # PRRES20212837

Overbored hole in floor joist above kitchen:



- D1 3.25"
- D2 2"
- Diameter of hole 4"
- Length 1 − 2'
- Length 2 13'-5"
- Span 15'-5"
- Support #1 load bearing wall at kitchen/pantry
- Support #2 exterior kitchen wall
- Location above kitchen
- Loading
 - o Dead = 15 psf @ 16" oc
 - Live = 40 psf @ 16" oc
- Install 24" length of CS-16 centered under hole along bottom of floor joist with a minimum of (16) 0.131" x 2-1/2" nails per manufacturer's spec's.



Spliced top plate at garage wall:

• Install 24" length of CS-16 centered at splice per manufacturer's spec's at both upper and lower top plate.

Spliced top plate at stair wall joining 2x6 and 2x4 wall:

• Install 24" length of CS-16 centered at splice per manufacturer's spec's at both upper and lower top plate.

Sincerely,

Bradley Huxol, PE

