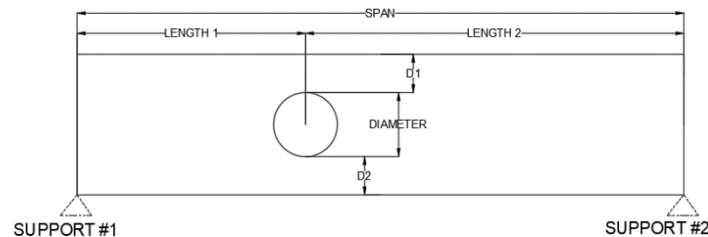


September 28, 2022

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

**RE: Field Issues for Lot #181 Woodside Ridge – 2063 NW O'Brien Rd,
 Lee's Summit, MO 64082 – Permit # PRRES20222410**



1. Holes within top and bottom 2" and within 2" of another hole in two (2) floor joist below the flex room.

- D1 – at or less than 2"
- D2 – at least 2"
- Diameter of hole – 1.5"
- Length 1 – 3"
- Length 2 – 13'
- Span – 14' 9"
- Support #1 – Rear foundation wall
- Support #2 – Steel W8 x 13 basement steel beam
- Location – Basement, under flex room
- Loading -
 - Dead = 10 psf @ 16" oc
 - Live = 40 psf @ 16" oc

- D1 – at or less than 2"
- D2 – at least 2"
- Diameter of hole – 1.5"
- Length 1 – 4"
- Length 2 – 12' 5"
- Span – 14' 9"
- Support #1 – Rear foundation wall
- Support #2 – Steel W8 x 13 basement steel beam
- Location – Basement, under flex room
- Loading -
 - Dead = 10 psf @ 16" oc
 - Live = 40 psf @ 16" oc

Recommended modifications:

- **Install 5' length of CS-16 under the holes per manufacturer's specifications.**
- **Edge of strap shall be installed adjacent to rear foundation wall sill plate**

Sincerely,



Bradley Huxol, PE

