



March 18, 2021

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

RE: Field Issue of plumbing hole within bottom 2" of floor joist and PEX line holes within 2" of each other for Lot # 94 Manor at Stoney Creek – 4408 SW Alabaster Circle Lee's Summit, MO 64082 – Permit # PRRES20202107

This letter addresses the 2.5" diameter hole within the bottom 2" of floor joists and holes for Pex lines within 2" of each other above the great room.

- Install CS-16 strap 36" minimum length with (18) 10d x 1-1/2" nails on floor joist extending 12" past Pex line holes and 2.5" diameter plumbing hole at ends.
- Floor joists are Douglas Fir Larch #2 2x10 doubled spanning approximately 16' -1" and cantilevered 2' with standard Dead=10 psf and Live = 40 psf loads in addition to 18' of tributary width of roof loads Dead=20 psf and Snow=25 psf and exterior wall weight at end of cantilever.
- 2.5" diameter hole is located approximately 1-3-4" from bottom of floor joist.
- Pex line holes are centered in middle third of floor joist with 2" of joist at top and bottom.

Sincerely,

Bradley Huxol, PE

