



January 27, 2022

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

**RE: Field Issue of non-continuous deck post and headered off studs for load bearing wall at stairs
for Lot # 1 Hawthorne Ridge– 2906 Arboridge Dr. Lee's Summit, MO 64082 –
Permit # PRRES20212322**

Non-continuous deck post:

- Install ½" diameter through bolts at deck beam and end deck joist to post connection at top and bottom of deck post splice.
- Each post shall have (4) through bolts total at splice.

Headered off studs for load bearing wall at stairs:

- Studs were trimmed for HVAC chase at load bearing stair walls.
- Stair wall on Rec Room side was trimmed approximately 1' above slab for a 48' length of wall.
- Stair wall on unfinished mechanical side was trimmed approximately 1' above slab for 32" length of wall.
- Install (2) #2 2x6 at trimmed studs spanning approximately 48" at rec room wall and 32" at unfinished mechanical wall.
- Install (2) #2 2x4 jack studs at each end of header to sill plate.
- Rec Room stair wall has tributary width = 10' of standard floor loads of Dead=10 psf and Live = 40 psf for 500 plf total.
- Unfinished mechanical stair wall has tributary width = 6' of standard floor loads of Dead=10 psf and Live = 40 psf for 300 plf total.

Sincerely,

A handwritten signature in blue ink, appearing to read "Bradley Huxol", is written over a faint, larger signature.

Bradley Huxol, PE

