



January 7, 2022

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

**RE: Field Issue of bearing for basement steel beams for Lot #20 Osage – Unit 1 and Unit 2 2003 and 2005 SW Osage Dr. Lee's Summit Mo 64082- Permit #PRRES20214080**

This letter addresses the bearing for the basement steel beam for Lot#20 Osage Unit 1 and Unit 2.

- Unit 1 steel beam support at foundation wall beam pocket:
  - Bearing length is approximately 2.5".
  - Install steel shims at beam support and foundation wall.
  - Install Douglas Fir Larch #2 2x6 treated full height from basement slab to steel beam. Ensure a tight fit with full contact with beam and slab.
  - Attach Douglas Fir Larch #2 2x6 treated to foundation wall with ¼" x 4" tapcon concrete anchors at 18" oc staggered.
- Unit 1 steel beam support at daylight wall:
  - Bearing length is approximately 2.5".
  - Install Douglas Fir Larch #2 2x6 treated from top of foundation wall to steel beam. Ensure a tight fit with full contact with beam and foundation wall.
  - Attach Douglas Fir Larch #2 2x6 treated to stud pack with 3" structural screws at 9" oc staggerd.
  - Attach Douglas Fir Larch #2 treated to sill plate with (3) 3" structural screws.
- Unit 2 steel beam support at foundation wall beam pocket:
  - Bearing length is approximately 3".
  - Install Douglas Fir Larch #2 2x6 treated full height from basement slab to steel beam. Ensure a tight fit with full contact with beam and slab.
  - Attach Douglas Fir Larch #2 2x6 treated to foundation wall with ¼" x 4" tapcon concrete anchors at 18" oc staggered.

Sincerely,

A handwritten signature in blue ink, appearing to read "Bradley Huxol", is written over a light blue horizontal line.

Bradley Huxol, PE

