



## RESIDENTIAL ENGINEERING SERVICES

600 SW JEFFERSON ST, SUITE 300  
LEE'S SUMMIT, MISSOURI 64063  
(816) 399 -4901

Inspector <b>Derek Perez</b>		Inspection Date <b>11 AUG '20</b>	Time <b>1105</b>
Address <b>1523 SW Arbor Falls Dr</b>	City <b>Lee's Summit</b>	Permit # <b>PRRES20202014</b>	Owner/Builder <b>Summit Homes</b>
Inspection Type <b>Drilled Piers</b>		Subdivision <b>Hawthorne Ridge</b>	Lot # <b>43</b>

### Site Conditions (all must comply if applicable)

- ☒ Erosion control is in place and functional (inspection shall not be performed if erosion control is not functionally in compliance with the City requirements).
- ☒ Soils – bearing capacity as determined by:
  - ☐ Bearing on undisturbed soil @ 2000 psf
  - ☒ Per engineer report (comment or attach report)
- ☐ Cold weather protection \_\_\_\_\_

### Foundation Wall Elements

- ☐ Wall forms centered on footings
- ☐ Wall thickness as specified on approved plans
- ☐ Reinforcement installed per approved plans
- ☐ Hold downs placed and installed properly
- ☐ Wall openings installed in accordance with City approved plans
- ☐ Deck/porch/balcony columns
- ☐ Top of wall and steps formed a minimum of 8" above proposed grading contours.
- ☐ Max. 12" block down at garage doors.
- ☐ Ufer Ground attachment rod left exposed (Give approx. location in comments)

### Retaining walls (for multiple walls on the plot plan clarify which walls are being inspected in the comments)

- ☐ Installation per approved plans

### Comments:

Size, location, and depth of drilled piers were inspected. Drilled piers are approved for concrete per RES specifications.

### Slab (Basement or Garage As Marked)

- ☐ Formed & Reinforced Per City Approved Dwgs
- ☐ Garage **structural** slab per approved plan
- ☐ Basement slab on grade per approved plan
- ☐ 6 mil vapor barrier installed – not required for garage slab
- ☐ Isolation rings or block-outs are provided over pier pads for columns

### Footings

- ☐ Reinforced per city approved plans or engineer report
- ☐ Deck/porch/balcony footings
- ☐ Footing – width, depth and location per approved plans and/or engineer report
- ☐ Solid jumps
- ☐ Frost depth (min. 36 inches)
- ☐ Column pads – basement
- ☐ Column/pad at garage structural slab
- ☐ Ufer Ground attachment rod provided

### Drilled Piers (refer to footings for deck piers)

- ☒ Pier foundation per approved plan

Size: 18"  
Depth: 14'  
Bearing: Hard Shale

This is to certify that I, or qualified individuals working under my direction, inspected and/ or tested the above checked items in accordance with the applicable City approved building and site plans, codes and engineering details. The work is complete and to the best of my knowledge was found to be in substantial compliance with the approved plans and specifications.

Signed:

Date:

11 AUG '20

