



# VAN DEURZEN AND ASSOCIATES, P.A.

CONSULTING STRUCTURAL ENGINEERS

11011 KING STREET, SUITE 130

COMMERCE TERRACE BUILDING D

OVERLAND PARK, KANSAS 66210

(913) 451 - 6305 FAX (913) 451 - 1021

Address or Project Name	City	Inspector	Date	Time
2743 SW Heartland Rd	Lee's Summit	Bob Rowe	7/15/2024	10:00
Permit #	Contractor		General/Owner	
PRRES 2024 2617	Concrete Design of KC		New Mark Homes	
Inspection Type	Bill To			
Pier	Concrete Design of KC			
Areas Inspected	Current Temp	24 hr High	24 hr Low	
Deck Piers				

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

- ☐ City approved plot plan and building construction plans on site.
- ☒ Erosion control is in place and functional (inspection shall not be performed if erosion control is not functionally in compliance with the City requirements).
- ☐ Building setbacks per approved plot plan
- ☐ Soils – bearing capacity as determined by:
  - ☐ Bearing on undisturbed soil @ 1,500 psf
  - ☐ Soils report (comment or attach report)
  - ☐ Fill per engineering report
  - ☐ Free of organic material
- ☐ Cold weather protection Type:

### Footing Elevation Certification

- ☐ "Footing Elevation Certification" form completed by contractor has been reviewed for completeness and allowable tolerances.

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

- ☐ Pier foundation per approved plan

Quantity: \_\_\_\_\_

Size: \_\_\_\_\_

Bearing: \_\_\_\_\_

### Slab (Basement or Garage As Marked)

- ☐ Formed & Reinforced Per City Approved Dwgs
- ☐ Suspended floor slab (over usable space)
- ☐ Garage **structural** slab per approved plan
- ☐ Basement **structural** slab 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
- ☐ Rubber Membrane installed where required

### Footings

- ☐ Reinforced per city approved plans.
- ☒ Deck/porch/balcony piers
- ☐ Footing – width, depth and location
- ☐ Solid jumps
- ☒ Frost depth (min. 36 inches)
- ☐ Column pads – basement
- ☐ Column pads – basement structural slab
- ☐ Column pads – garage steel column
- ☐ Column/pad at garage structural slab
- ☐ Undermined fdn elements (recommendation in comments and/or attached report)
- ☐ Ufer Ground attachment rod provided

Location: \_\_\_\_\_

Approved four (4) deck piers 24" x 36" min and one (1) deck pier 18" x 36" min - far south.

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

*Chad M. Streeter*

Date 7/15/2024

