

## 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

PRES 2021 4264  K&E Flatwork    Site Conditions (all must comply if applicable)   City approved plot plan and building construction plans on site.	Address or Project Name	City	Inspector		Date	Time	
PRRES 2021 4264  Pier  K&E Flatwork  BeHomes    Site Conditions (all must comply if applicable)   Current Temp   24 hr High   24 hr Low   35    Site Conditions (all must comply if applicable)   Current Temp   24 hr High   24 hr Low   35    Site Conditions (all must comply if applicable)   Formed & Reinforced Per City Approved Dwgs   Supended floor slab (over usable space)   Formed & Reinforced Per City Approved Dwgs   Supended floor slab (over usable space)   Garage structural slab per approved plan   Basement structural slab per approved plan   Basement structural slab per approved plan   Basement structural slab per approved plan   Soils – bearing capacity as determined by:   Gmil 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 metal   Footings   Rubber Membrane installed where required metal   Footings   Reinforced per city approved plans.   Deck/porth/balcony piers   Footing Elevation Certification   Soild jumps   Footing Elevation Certification   Soild jumps   Footing Elevation Certification   Column pads – basement structural slab   Column pads – basement structural slab   Column pads – garage structural slab   Column	4816 NE Freehold Ct	Lee's Summit	Bob Rowe		4/7/2022	2	8:30
Pier  Areas inspected  Current Temp  Zahr High  Zahr Low  Site Conditions (all must comply if applicable)  City approved plot plan and building construction plans on site.  City approved plot plan and building construction plans on site.  Crosion 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  "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:  Depth:  Bearing:  Comments:  Approved - two (2) addition deck piers 24" x 36".  Discretify that I, or qualified individuals working under my direction, inspected and/or tested the above checked items in accordance with the	Permit #						
Pier  Areas inspected  Current Temp  Zahr High  Zahr Low  Site Conditions (all must comply if applicable)  City approved plot plan and building construction plans on site.  City approved plot plan and building construction plans on site.  Crosion 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  "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:  Depth:  Bearing:  Comments:  Approved - two (2) addition deck piers 24" x 36".  Discretify that I, or qualified individuals working under my direction, inspected and/or tested the above checked items in accordance with the	PRRFS 2021 4264		K&E Flatwork		BeHomes		
Current Temp   24 hr High   35			ļ.				
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 solis – bearing capacity as determined by: Bearing on undisturbed soil @ 1,500 psf   Reinforced per city approved plan solist per approved plan solist per approved plan solist per equirements of columns  Soils – bearing capacity as determined by: Bearing on undisturbed soil @ 1,500 psf   Reinforced per city approved plan solist per approved plan solist	Pier		K&E Flatwork				
Site Conditions (all must comply if applicable)  City approved plot plan and building construction plans on site.  Formed & Reinforced Per City Approved Dwgs Suspended floor slab (over usable space)  Garage structural slab per approved plan Basement structural slab per approved plan Solits eroport (comment or attach report)  Fill per engineering report Pootings Reinforced per city approved plans.  Footings Reinforced per city approved plans.  Footings Reinforced per city approved plans.  Footing Elevation Certification Pooting	Areas Inspected		Current Temp 24 hr High		24 hr Low		
Site Conditions (all must comply if applicable)  City approved plot plan and building construction plans on site.  Formed & Reinforced Per City Approved Dwgs Suspended floor slab (over usable space)  Garage structural slab per approved plan Basement structural slab per approved plan Solits eroport (comment or attach report)  Fill per engineering report Pootings Reinforced per city approved plans.  Footings Reinforced per city approved plans.  Footings Reinforced per city approved plans.  Footing Elevation Certification Pooting			35				
City approved plot plan and building construction plans on site.			133		ļ		
plans on site.  Frosion control is in place and functional (inspection shall not be performed if erosion control is not performed if erosion control is not performed if erosion control is not purposed plan same proved plan same proved plan same proved plan same proved plan is placed by requirements).  Building setbacks per approved plot plan searing capacity as determined by:  Bearing on undisturbed soil @ 1,500 psf soils report (comment or attach report)  Fill per engineering report protection solid jumps  Free of organic material pectual pooling 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:  Bearing:  This is to certify that 1, or qualified individuals working under my direction, inspected and/or tested the above checked items in accordance with the	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).  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 Footing Elevation Certification Footing Elevation Certification Forting Elevation Certification Forting Elevation Certification Forting Elevation per approved plan Allowable tolerances.  Drilled Piers (refer to footings for deck piers) Depth: Bearing:  Comments:  Approved - two (2) addition deck piers 24" x 36".  Garage structural slab per approved plan. Basement structural slab per approved plan pot point in specied and/or tested the above checked items in accordance with the			<u> </u>				
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 Footing Elevation Certification Footing Elevation Certification Footing Elevation Derification Footing Elevation Pier to footings for deck piers Pier foundation per approved plan Quantity: Depth: Bearing:  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	<u> </u>						
functionally in compliance with the City requirements).    Gold mil vapor barrier installed – not required for garage slab   Isolation rings or block-outs are provided over pier pads   Isolation rings or block-outs are provided over pier pads   Isolation rings or block-outs are provided over pier pads   Isolation rings or block-outs are provided over pier pads   Isolation rings or block-outs are provided over pier pads   Isolation rings or block-outs are provided over pier pads   Isolation rings or block-outs are provided over pier pads   Isolation rings or block-outs are provided over pier pads   Isolation rings or block-outs are provided over pier pads   Isolation rings or block-outs are provided over pier pads   Isolation rings or block-outs are provided over pier pads   Isolation rings or block-outs are provided over pier pads   Isolation rings or block-outs are provided over pier pads   Isolation rings or block-outs are provided metal   Isolation rings or block-outs are provided over pier pads   Isolation rings or block-outs are provided metal   Isolation rings or block-outs are provided pads   Isolation rings or block-outs are provided metal   Isolation rings or block-outs are provided metal   Isolation rings or block-outs are provided pads of columns   Isolation rings or block-outs are provided pads of columns   Isolation rings or block-outs are provided pads of columns   Isolation rings or block-outs are provided pads of columns   Isolation rings or block-outs are provided pads of columns   Isolation rings or block-outs are provided pads of columns   Isolation rings or block-outs are provided pads of columns   Isolation rings or block-outs are provided pads of columns   Isolation rings or block-outs are provided pads of columns   Isolation rings or block-outs are provided pads of columns   Isolation rings or block-outs are provided pads of columns   Isolation rings or block-outs are provided pads of columns   Isolation rings or block-outs are provided pads of columns   Isolation rings or block-outs are							
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 Footing Elevation Certification Column pads – basement Column pads – basement structural slab 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:  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	·		Basement <b>structural</b> slab per approved plan.				
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 Footing Elevation Certification Footing Elevation Dereiwed for completed by contractor has been reviewed for completeness and allowable tolerances.  Drilled Piers (refer to footings for deck piers) Depth: Depth: Depth: Depth: Bearing:  Comments:  Approved - two (2) addition deck piers 24" x 36".  Isolation rings or block-outs are provided over pier pads for columns for columns Rubber Membrane installed where required metal Footings Footings Footings Footing = width, depth and location Footing = width, depth and location Footing = width, depth and location Column pads – basement Column pads – basement Column pads – basement structural slab Column/pad at garage structural slab Undermined fdn elements (recommendation in comments and/or attached report) Uffer Ground attachment rod provided Location:  Comments:  Approved - two (2) addition deck piers 24" x 36".			6 mil vapor barrier installed – not required for garage slab				
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 Footing Elevation Certification Cold weather protect on Type: Footing Elevation Certification Column pads – basement Column pads – basement structural slab Column pads – basement structural slab Column pads – garage steel column Pier foundation per approved plan Quantity: Size: Depth: De							
Soils report (comment or attach report) Fill per engineering report Free of organic material Cold weather protection Footing Elevation Certification Footing Elevation Footing Footing - width, depth and location Solid jumps Footing - width, depth and location Column pads - basement Column pads - basement structural slab Column pads - basement structural slab Column pads - garage steel column Column/pad at garage structural slab Undermined fon elements (recommendation in comments and/or attached report) Under Ground attachment rod provided Location:  Comments:  Approved - two (2) addition deck piers 24" x 36".  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			for columns				
Fill per engineering report	Bearing on undisturbed s	Rubber Membrane installed where required metal					
Free of organic material	Soils report (comment or	Footings					
□ Cold weather protection	Fill per engineering repor	Reinforced per city approved plans.					
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:  Depth:  Bearing:  Comments:  Approved - two (2) addition deck piers 24" x 36".  Solid jumps  Frost depth (min. 36 inches)  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:  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	Free of organic material	✓ Deck/porch/balcony piers					
"Footing Elevation Certification" form completed by contractor has been reviewed for completeness and allowable tolerances.	Cold weather protection	Footing – width, depth and location					
contractor has been reviewed for completeness and allowable tolerances.  Drilled Piers (refer to footings for deck piers)  Pier foundation per approved plan  Quantity:  Size:  Depth:  Bearing:  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:  Comments:  Approved - two (2) addition deck piers 24" x 36".	Footing Elevation Certification		Solid jumps				
allowable tolerances.  Drilled Piers (refer to footings for deck piers)  Pier foundation per approved plan  Quantity:  Depth:  Depth:  Bearing:  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:  Comments:  Approved - two (2) addition deck piers 24" x 36".	"Footing Elevation Certification	Frost depth (min. 36 inches)					
Drilled Piers (refer to footings for deck piers)    Column pads – garage steel column   Column/pad at garage structural slab   Quantity:	contractor has been reviewed	Column pads – basement					
Pier foundation per approved plan  Quantity:  Depth:  Depth:  Bearing:  Comments:  Approved - two (2) addition deck piers 24" x 36".  Column/pad at garage structural slab  Undermined fdn elements (recommendation in comments and/or attached report)  Ufer Ground attachment rod provided  Location:  Comments:  Approved - two (2) addition deck piers 24" x 36".			Column pads – basement structural slab				
Quantity:  Size:  Depth:  Depth:  Bearing:  Comments:  Approved - two (2) addition deck piers 24" x 36".  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			Column pads – garage steel column				
Size:  Depth:  Bearing:  Comments:  Approved - two (2) addition deck piers 24" x 36".  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	Pier foundation per approved plan						
Depth:  Bearing:  Comments:  Approved - two (2) addition deck piers 24" x 36".  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	Quantity:						
Comments:  Approved - two (2) addition deck piers 24" x 36".  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	Size:		<b>-</b>				
Comments:  Approved - two (2) addition deck piers 24" x 36".  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	Depth:	_ Ufer Ground attachment rod provided					
Approved - two (2) addition deck piers 24" x 36".  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	Bearing:		Location:				
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							
inspected and/or tested the above checked items in accordance with the	Approved - two (2) addition	deck piers 24" x 36"					
inspected and/or tested the above checked items in accordance with the							
inspected and/or tested the above checked items in accordance with the							
inspected and/or tested the above checked items in accordance with the							
	This is to certify that I, or qualified individ	luals working under my direct	ion,	OF MIR	WINDOW.		
	•			The accommon accompany			
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	, , , ,			CHAD			

be in substantial compliance with the approved plans and specifications.

Signed

Date 4/7/2022