ADDRESS . : 430 COKESBURY PARK LN SUBDIV: COKESBURY PARK
CONTRACTOR : TRIANGLE HOME PROS PHONE : (919) 346-1528
OWNER . . : TRIANGLE HOME PROS LLC PHONE :
PARCEL . . : 05-0635- - -0124- -32-
APPL NUMBER: 18-50043076 CP NEW RESIDENTIAL (SFD)
DIRECTIONS : T/S: 01/10/2018 02:51 PM BPETRICH --
430 COKESBURY PARK LANE FUQUAY VARINA
COKESBURY PARK #70
401N TO CHRISTIAN LIGHT - LEFT ONTO
COKESBURY RD - LEFT ONTO COKESBURY PARK
LN.

STRUCTURE: 000 000 50X52 3BD 2BA CRAWL W/GARAGE & DECK
FLOOD ZONE . . . . : FLOOD ZONE X
BATHS . . . . . : 2 # BEDROOMS . . . . . : 3.00
PROPOSED USE . . . . . : SFD SEPTIC - EXISTING? . . . . : NEW TANK
WATER SUPPLY . . . . . : COUNTY

PERMIT: CPSF 00 CP * SFD

TYP/SQ	REQUESTED / COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
B101 01	2/23/18	BS	R*BLDG FOOTING / TEMP SVC POLE VRU #: 003093404
	2/23/18	DA	T/S: February 23, 2018 03:28 PM BSUTTON ---------- Footing needs engineering. Either provide requirements and reschedule after corrections are done, or have engineer verify corrections and provide sealed letter that states footing meets 2012 NC One and Two Family Dwelling Code
A814 01	3/16/18	TI	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 003102308
			T/S: 03/15/2018 12:59 PM DJOHNSON ----------
B101 02	3/16/18	TI	R*BLDG FOOTING / TEMP SVC POLE TIME: 17:00 VRU #: 003102316
	4	AP	T/S: 03/15/2018 12:59 PM DJOHNSON ---------- CUSTOMER HAS ENGINEER LETTER ON SITE. ALSO THEY NEED A TSP INSPECTION AND WOULD LIKE INSPECTION AT MID MORNING.
B103 01	3/16/18	TI	R*BLDG FOUND & TEMP SVC POLE TIME: 17:00 VRU #: 003102324
	4	AP	T/S: 03/15/2018 01:00 PM DJOHNSON ---------- CUSTOMER SAID HE WA TOLD HE COULD SCHEDULE THIS EVEN THOUGH FOOTING WAS NOT APPROVED.

---------- COMMENTS AND NOTES ----------

per PE letter

8600 'D' Jersey Ct
Raleigh, NC 27617

(P) (919) 218-4421
866.792.5107

Firm Lic. No: P-0961

Brian Culver
THP Homes
6312 Lauraca Ln.
Fuquay-Varina, NC 27526
brian.thphomes@gmail.com

March 9, 2018

Subject: Crawl space and Rear Deck Footing Preparation Inspection
Location: Lot 70 Cokesbury Park - 430 Cokesbury Ln. (Fuquay-Varina, NC)
Project No: BCH180934
Review Date: 3/7/2018

We are pleased to provide the evaluation of the subject and location referenced above.

Observations:

Crawl space and rear deck footing preparation inspection.

-Strip Footings are sized (width, depth, and length) and installed per plan.
-Pier Footings are sized (width depth, and length) and located per plan.
-Lug Footings are sized (width, depth, and length) and located per plan.
-Reinforcement (if required) is installed per plan.
-Footings are clean and free of organic material.
-Soil bearing capacity was tested by JDS on 03-07-18. The field report is posted in the permit box.

Recommendations:

Based on our on-site observations and review, the crawl space and rear deck footings have been adequately prepared in accordance with the Town of Fuquay-Varina approved permit plans and details. Additionally, the footings are installed in accordance with 2012 NCRC section R403.1 and is ready for concrete placement.

If you have any questions or if I can be of further assistance to you on this project, please contact me at (919) 218-4421

Respectfully Submitted,
Brian Hickey
JDS Consulting & Design, PLLC

Reviewing Engineer: Elijah B. Smith, P.E.

NORTH CAROLINA PROFESSIONAL SEAL 37975 ENGINEER ELIJAH B. SMITH

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Issue Date: March 12, 2018
Review Date: 3/2/2018
Project No: BCH180855

Subject: Soil Suitability for Foundation Installation
Location: Lot 70 Cokesbury Park - 430 Cokesbury Lane (Fuquay-Varina, NC)

Observations:

Foundation excavation observation (sub-surface testing with respect to bearing capacity).

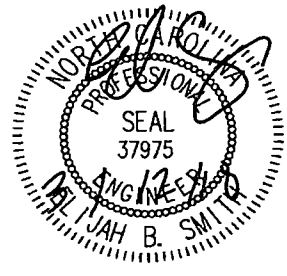
Recommendations:

The exposed soils have been observed and tested for the crawl space and rear deck footings (Probe & DCP). The materials are free of organics and based on our review and testing the soil and conditions for the foundation are suitable for the minimum required bearing pressure of 2000 psf. Additionally, any over-excavated areas (multiple locations, 1ft to 4ft) shall be backfilled with full depth concrete and have (2) #4 rebar placed horizontally extending 5ft in each direction.

If you have any questions or if I can be of further assistance to you on this project, please contact me at (919) 218-4421

Respectfully Submitted,
Brian Hickey
JDS Consulting & Design, PLLC

Reviewing Engineer: Elijah B. Smith, P.E.



General Notes:

- Mechanical testing methods vary per site but always include probe rod testing across the entire excavation and augers (minimum 3 locations) at multiple depths with Dynamic Cone Penetrometer (DCP) testing.
- Bearing capacity test results are voided if significant precipitation or water intrusion has occurred within 48 hours of the initial testing.
- JDS is not responsible for site conditions that divert water towards the foundation or that prevent drainage away from the foundation that can lead to soft soils and future settlement.
- This report is assessment of vertical bearing capacity only. Unless specifically noted otherwise retaining wall testing, nor slope stability analysis has been evaluated. JDS shall not be held responsible for current or future retaining wall or slope related issues.
- It is the contractors responsibility to ensure that all foundation areas are free of loose material, standing water, and any other deleterious materials prior to placement of stone or concrete.

JDS CONSULTING & DESIGN

PO Box 80755
Raleigh, NC 27623

(P) (919) 480-1075
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Soil Suitability for Foundation Installation - Field Report - Conditional Approval
Sealed Report Forthcoming

Client: Triangle Homes
Date: 03/07/18
Project Number: BCH180855
Location: 70 Cokesbury Park

Observations:

JDS performed DCP and probe rod testing to verify soil bearing conditions for the areas indicated below:

___	Basement	X	Front Porch	Other:	___
X	Crawl Space	___	Rear Porch / Patio		___
___	Stem Wall	X	Deck		___
___	Monolithic Slab	X	Garage		___

Results:

Test results indicate the soils are suitable for the minimum required bearing pressure of:

X 2000 PSF ___ 2500 PSF ___ 3000 PSF

DCP Min: 8
MPRP: ~1.25"

Over-excavation:

0 Ft to 4 Ft

Back Filled with: #57 #67 #78 Concrete

General Notes:

•Bearing capacity test results are voided if significant precipitation or water intrusion has occurred within 48 hours of the initial testing.

•JDS is not responsible for site conditions that divert water towards the foundation or that prevent drainage away from the foundation that can lead to soft soils and future settlement.

•This report is assessment of vertical bearing capacity only. Unless specifically noted otherwise retaining wall testing, nor slope stability analysis has been evaluated. JDS shall not be held responsible for current or future retaining wall or slope related issues.

•It is the contractors responsibility to ensure that all foundation areas are free of loose material, standing water, and any other deleterious materials prior to placement of stone or concrete.

•Concrete shall not be placed on to frozen ground or in to excavations containing ice or snow

JV