

# Harnett County Department of Public Health

## Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: J. Douglas Contracting, LLC PROPERTY LOCATION: 229 Deer Tail LN, Fuquay Varina, NC, 27526  
 SUBDIVISION Cotton Farms LOT # 46  
 NEW  REPAIR  EXPANSION   
 Type of Structure: SFD 45' x 64' 4" Site Improvements required prior to Construction Authorization Issuance:  
 Proposed Wastewater System Type: 25% Reduction  
 Projected Daily Flow: 360 GPD  
 Number of bedrooms: 3 Number of Occupants: 6 max  
 Basement  Yes  No  
 Pump Required:  Yes  No  May be required based on final location and elevations of facilities  
 Type of Water Supply:  Community  Public  Well Distance from well \_\_\_\_\_ feet Permit valid for:  Five years  
 No expiration  
 Permit conditions: \_\_\_\_\_

Authorized State Agent: James E. Markham Date: 9-15-23 SEE ATTACHED SITE SKETCH

The issuance of this permit by the Health Department in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements. This site is subject to revocation if the site plan, plat, or the intended use changes. The Improvement Permit shall not be affected by a change in ownership of the site. This permit is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to conditions of this permit.

## Construction Authorization

(Required for Building Permit)

The construction and installation requirements of Rules .1950, .1952, .1954, .1955, .1956, .1957, .1958, and .1959 are incorporated by references into this permit and shall be met. Systems shall be installed in accordance with the attached system layout.

ISSUED TO: J. Douglas Contracting, LLC PROPERTY LOCATION: 229 Deer Tail LN, Fuquay Varina, NC, 27526  
 SUBDIVISION Cotton Farms LOT # 46  
 Facility Type: SFD 45' x 64' 4"  New  Expansion  Repair  
 Basement?  Yes  No Basement Fixtures?  Yes  No  
 Type of Wastewater System\*\* 25% Reduction (Initial) Wastewater Flow: 360 GPD  
 (See note below, if applicable  50% Reduction (Repair))

**Installation Requirements/Conditions**

Septic Tank Size <u>1000</u> gallons	Number of trenches <u>1</u>	Trench Spacing: <u>9</u> Feet on Center
Pump Tank Size <u>1000</u> gallons	Exact length of each trench <u>330</u> feet	Soil Cover: <u>6</u> inches
	Trenches shall be installed on contour at a	(Maximum soil cover shall not exceed
	Maximum Trench Depth of: <u>18"</u> inches	<u>36"</u> above the trench bottom)
	(Trench bottoms shall be level to +/-1/4"	
	in all directions)	
Pump Requirements: _____ ft. TDH vs. _____ GPM		Aggregate Depth: _____ inches below pipe
		_____ inches above pipe
Conditions: <u>18" max Ditch Depth Follow Consultants Plugged</u>		_____ inches total
		<u>Layout</u>

**WATER LINES (INCLUDING IRRIGATION) MUST BE 10FT. FROM ANY PART OF SEPTIC SYSTEM OR REPAIR AREA.  
 NO UTILITIES ALLOWED IN INITIAL OR REPAIR DRAIN FIELD AREA.**

\*\*If applicable: I understand the system type specified is different from the type specified on the application. I accept the specifications of this permit.

Owner/Legal Representative Signature: \_\_\_\_\_ Date: \_\_\_\_\_

This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes. The Construction Authorization shall not be transferred when there is a change in ownership of the site. This Construction Authorization is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to the conditions of this permit. SEE ATTACHED SITE SKETCH

Authorized State Agent: James E. Markham Date: 9-15-23  
 Construction Authorization Expiration Date: 9-15-28

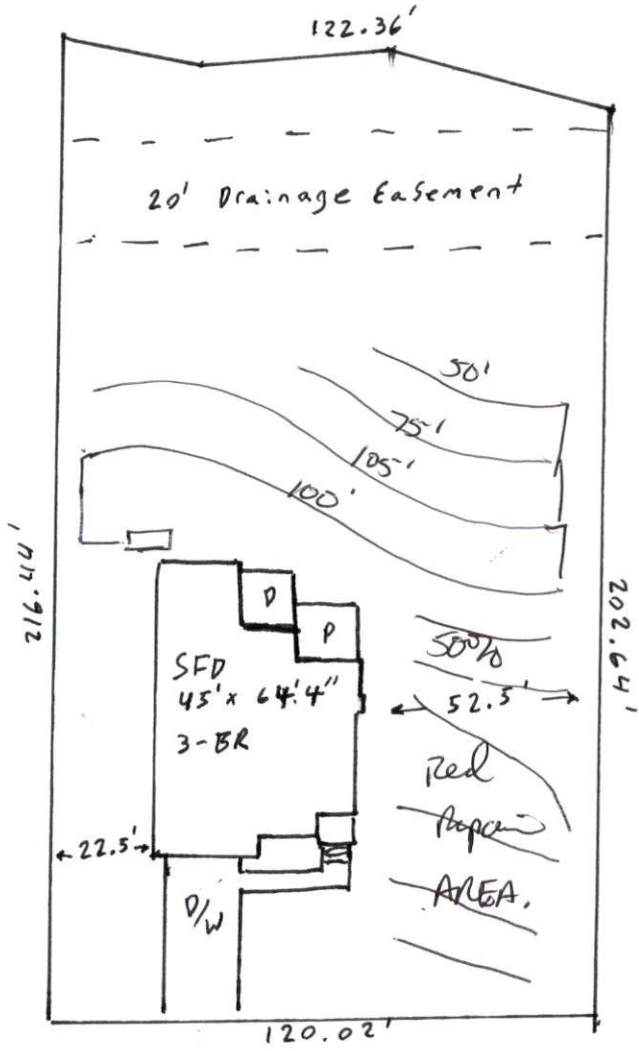
Application # SFD2308-0093

Harnett County Department of Public Health  
Site Sketch

Property Location: 229 Deer Tail, LN, Fuquay Varina, NC, 27526

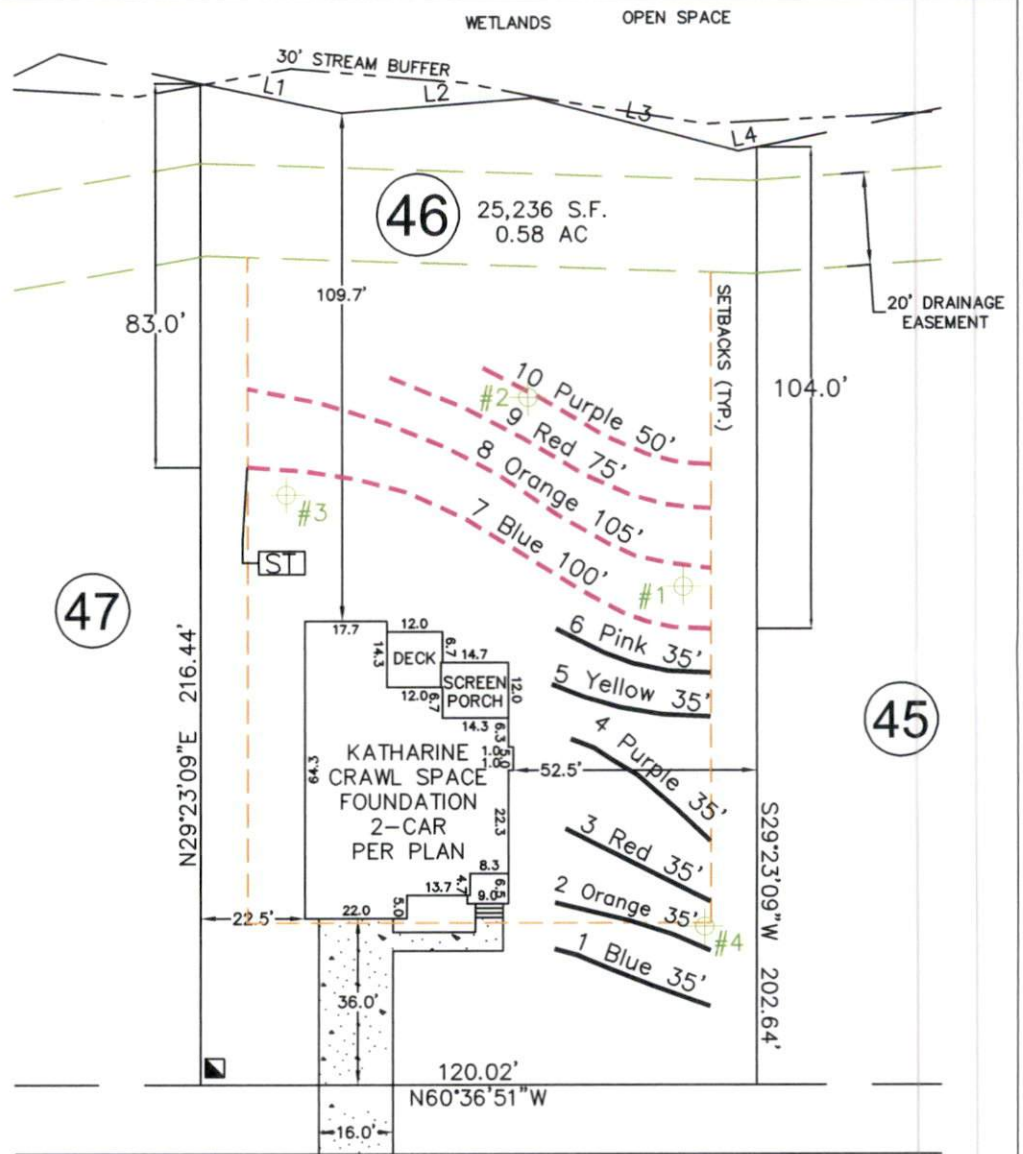
Issued To: J. Douglas Contracting Subdivision Cotton Farms Lot # 46

Authorized State Agent: [Signature] IBAS Date: 9-15-23



This drawing is for illustrative purposes only. System installation must meet all pertinent laws, rules, and regulations.

System: - - - -  
 Repair: ————  
 [ST] = 1000 gallon septic tank  
 #2 = profile description locations



## DEER TAIL LANE

50' PUBLIC R/W & UTILITY

- \*Keep tanks and drain lines 10' from property lines.
- \*Not a survey.
- \*Not a guarantee of a septic permit.
- \*Keep supply lines >5' from property lines.
- \*Some lines are flagged longer in the field than lengths indicate.
- \*No grading septic area.
- \*No adding soil within septic area
- \*No rutting-up septic area
- \*No cuts of >2' within 15' of septic areas

GRAPHIC SCALE  
 1" = 40'



System: Gravity to Serial  
 Lines: 7-10, (330')  
 Accepted Status System  
 0.3 Soil LTAR  
 24" Trench Bottom

Repair: Pressure Manifold  
 Lines: 1-6, (210')  
 T&J Panel Block System (horizontal)  
 0.3 Soil LTAR  
 23" Trench Bottom



Central Carolina Soil Consulting, PLLC  
 1900 South Main Street, Suite 110  
 Wake Forest, North Carolina 27587  
 Phone (919)569-6704 Fax (919)569-6703

3-Bedroom Septic Layout  
 Lot 46, Cotton Farms Subdivision  
 Harnett County, North Carolina

Job#: 4609  
 Drawn By: JR  
 Date: 08/25/2023  
 Revision: