

Harnett County Department of Public Health Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Shawn Spears PROPERTY LOCATION: 2435 Neills Creek Rd. (S11513)
 SUBDIVISION William Wall Systems LOT # 1
 NEW REPAIR EXPANSION Site Improvements required prior to Construction Authorization Issuance:
 Type of Structure: 3-Bedroom 50'x42' SFD
 Proposed Wastewater System Type: 25% Reduction Sys.
 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 NA feet Permit valid for: Five years
 No expiration
 Permit conditions: _____

Authorized State Agent: [Signature] Date: 12/20/2019 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: Shawn Spears PROPERTY LOCATION: 2435 Neills Creek Rd. (S11513)
 SUBDIVISION William Wall Systems LOT # 1
 Facility Type: 3-Bedroom 50'x42' SFD New Expansion Repair
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** Pump to 25% Reduction Sys. (Initial) Wastewater Flow: 360 GPD
 (See note below, if applicable)
Pump to 25% Reduction (Repair)

Installation Requirements/Conditions

Septic Tank Size <u>1000</u> gallons	Number of trenches <u>4</u>	Exact length of each trench <u>60</u> feet	Trench Spacing: <u>9</u> Feet on Center
Pump Tank Size <u>1000</u> gallons	Trenches shall be installed on contour at a <u>24-36</u> inches	Maximum Trench Depth of <u>48-20</u> inches	Soil Cover: <u>6-8</u> inches
	(Trench bottoms shall be level to $\pm 1/4"$ in all directions)		(Maximum soil cover shall not exceed 36" above the trench bottom)

Pump Requirements: _____ ft. TDH vs. _____ GPM _____ inches below pipe
 Aggregate Depth: NA inches above pipe
 Conditions: Pump to ~~Equal~~ ^{Serial} Distribution Required
Deep (24" to 36") to Shallow (16") install required _____ inches total

**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.**

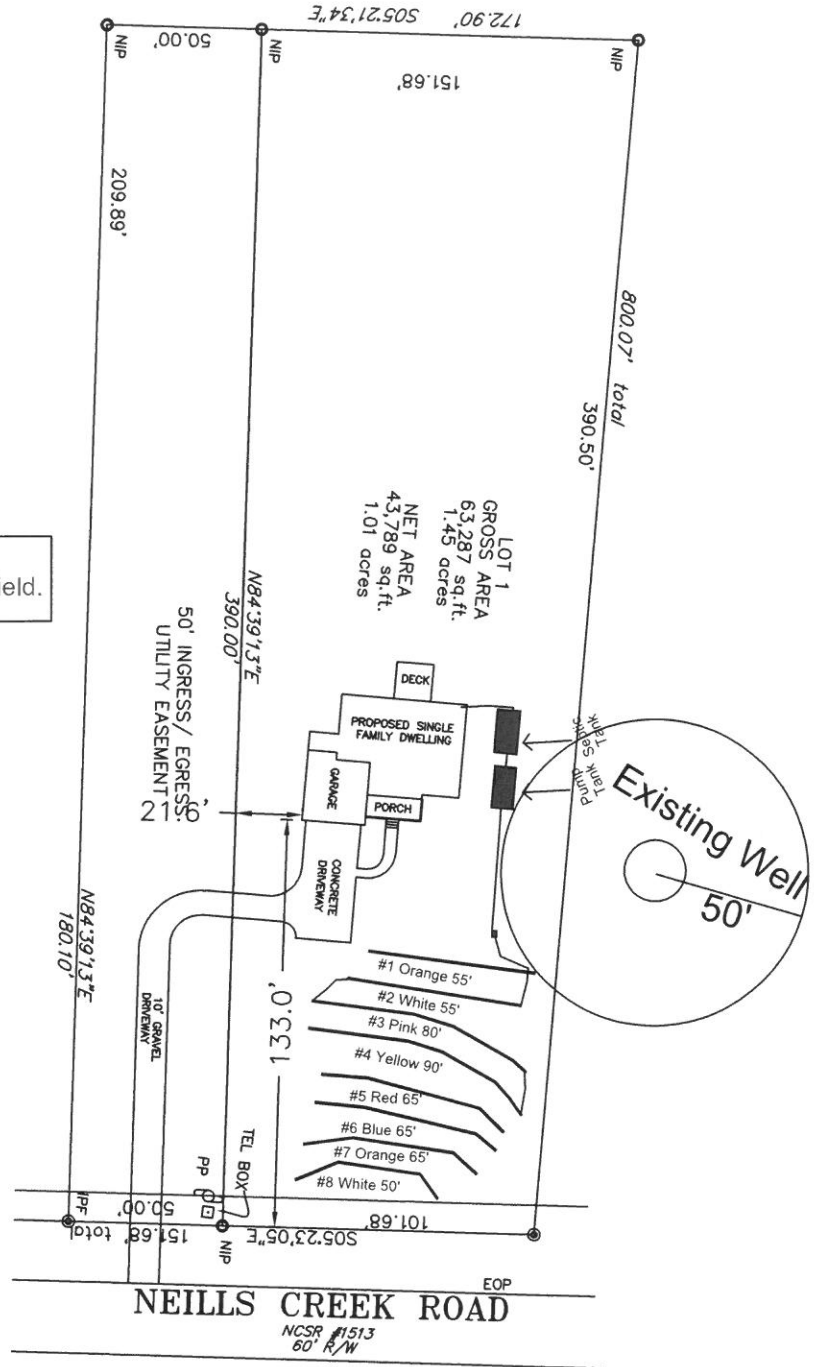
**If applicable: I understand the system type specified is different from the type specified on the application. I accept the specifications of this permit.
 Owner/Legal Representative Signature: _____ Date: _____

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: [Signature] Date: 12/20/2019
ANDREW CURRAN Construction Authorization Expiration Date: 12/20/2024

Williams Wall System 3-Bedroom Layout Lot #1 - Neill's Creek Church Rd.

*Depending on final house grade, a pump may not be required to dose the septic field.



System: Pump to serial dist.
Lines: 2-4, (225')
0.4 LTAR
18-24" Trench Bottom
Accepted Status System
Repair: Pump to serial dist.
Lines: 5-8, (245')
0.4 LTAR
18-20" Trench Bottom
Accepted Status System

GRAPHIC SCALE
1" = 60'



Adams
Soil Consulting
919-414-6761
Job #832

Spears

Lot#1 Neill's Creek Church Rd
3-Bedroom Home (360 gal./day)

<u>LINE #</u>	<u>COLOR</u>	<u>BS</u>	<u>HI</u>	<u>FS</u>	<u>ELEVATION</u>	<u>LINE LENGTH</u>	<u>Design Length</u>
TBM		0.0		100.0		<u>in field</u>	<u>installation</u>
INST. 1			100.0				
1	Orange			5.3	94.7	50	not used
2	White			5.5	94.5	65	55
3	Pink			5.6	94.4	80	80
4	Yellow			5.6	94.3	90	90
5	Red			5.7	94.2	65	65
6	Blue			5.8	94.3	65	65
7	Orange			5.7	94.2	65	65
8	White			5.8	100	50	50
Total						530	470

	<u>System</u>	<u>Repair</u>
	Lines 2-4	Lines 5-8
System Type	Accepted Status System EZ-FLOW	Accepted Status System EZ-FLOW
Suggested Soil LTAR	0.40	0.40
Total Line Length	225	245
Square Footage	675	735
Proposed Trench Bottom	18-20"	18-20"
Distribution Method	Pump to serial dist.	Pump to serial dist.