

HTE# 17-5-41554

Harnett County Department of Public Health

29556

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Dennis & Jennifer Patten
PROPERTY LOCATION: Cokesbury rd. (SR 1403)
NEW [X] REPAIR [ ] EXPANSION [ ]
Type of Structure: 3BR SFD (68'x63')
Proposed Wastewater System Type: 25% Reduction Sys.
Projected Daily Flow: 360 GPD
Number of bedrooms: 3 Number of Occupants: 6 max
Basement [X] Yes [ ] No
Pump Required: [ ] Yes [ ] No [X] May be required based on final location and elevations of facilities
Type of Water Supply: [ ] Community [ ] Public [X] Well Distance from well 100 feet
Permit valid for: [X] Five years [ ] No expiration

Authorized State Agent: [Signature] Date: 06/26/2017 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: Dennis & Jennifer Patten
PROPERTY LOCATION: Cokesbury rd. (SR 1403)
Facility Type: 3BR SFD (68'x53') [X] New [ ] Expansion [ ] Repair
Basement? [ ] Yes [X] No Basement Fixtures? [ ] Yes [ ] No
Type of Wastewater System\*\* 25% Reduction System (Initial) Wastewater Flow: 360 GPD
(See note below, if applicable [ ])
25% Reduction Sys. (Repair)

Installation Requirements/Conditions

Septic Tank Size 1000 gallons
Pump Tank Size \_\_\_\_\_ gallons
Number of trenches 3
Exact length of each trench 100 feet
Trench Spacing: 9 Feet on Center
Trenches shall be installed on contour at a
Soil Cover: 12 inches
Maximum Trench Depth of: 24 inches (Maximum soil cover shall not exceed 36" above the trench bottom)
Pump Requirements: \_\_\_\_\_ ft. TDH vs. \_\_\_\_\_ GPM
Aggregate Depth: 6 inches below pipe, 2 inches above pipe, 12 inches total
Conditions: System min 15ft off basement

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: 06/26/2017
Construction Authorization Expiration Date: 06/26/2022

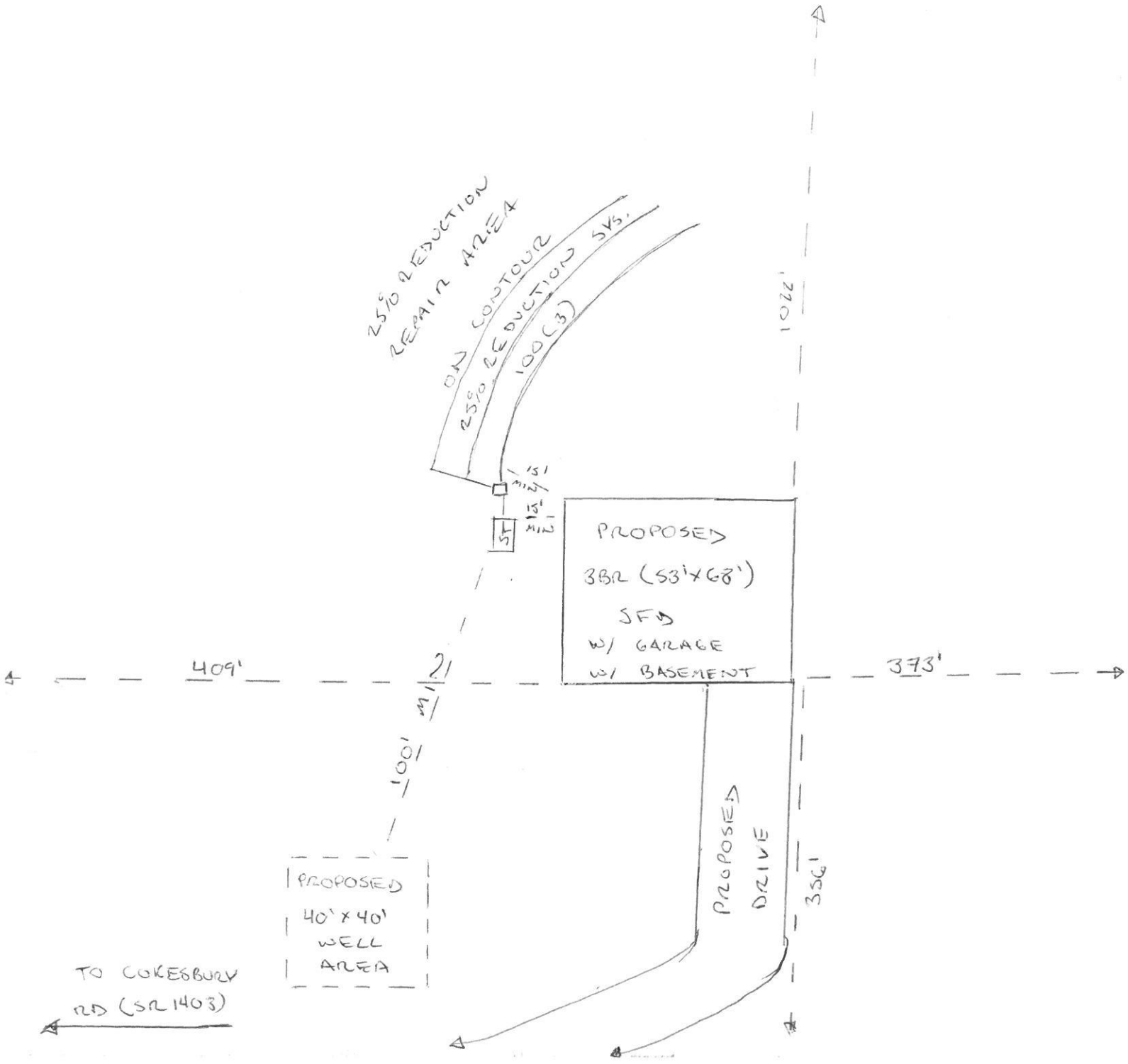
HTE# 17-5-41554

Permit # 29556

# Harnett County Department of Public Health Site Sketch

ISSUED TO: Dennis & Jennifer Patten PROPERTY LOCATOR: Cokesbury Rd. (SR 1403)  
SUBDIVISION \_\_\_\_\_ LOT # \_\_\_\_\_

Authorized State Agent: [Signature] Date: 06/26/2017



**SOIL/SITE EVALUATION**  
**for ON-SITE WASTEWATER SYSTEM**

Owner: *-* Applicant: *Dennis & Jennifer Patten*  
 Address: *Cokesburg Rd.* Date Evaluated: *06/20/17*  
 Proposed Facility: *3BR SFD* Design Flow (.1949): *360 GPD* Property Size: *33.5 Ac*  
 Location of Site: \_\_\_\_\_ Property Recorded: \_\_\_\_\_  
 Water Supply:  Public  Individual  Well  Spring  Other  
 Evaluation Method:  Auger Boring  Pit  Cut  
 Type of Wastewater:  Sewage  Industrial Process  Mixed

P R O F I L E #	.1940 Landscape Position/ Slope %	Horizon Depth (In.)	SOIL MORPHOLOGY		OTHER PROFILE FACTORS				Profile Class & LTAR	
			.1941		.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz		
			.1941 Structure/ Texture	.1941 Consistence Mineralogy						
			<i>Auger Boring: Sandy Loam to Sandy Clay Loam</i>							
			<i>Riverstone present @ 12-18 in.</i>							
			<i>Unable to evaluate</i>							
<i>1,4</i>	<i>L 5%</i>	<i>0-20</i>	<i>GR SL</i>	<i>FR SSS 5/4P</i>						
		<i>20-42</i>	<i>BK C</i>	<i>F1 SP 5/4P</i>					<i>PS</i>	
		<i>42+</i>	<i>Supelite/ Rock</i>	<i>-</i>		<i>42</i>			<i>0.3</i>	
<i>2</i>	<i>L 5%</i>	<i>0-12</i>	<i>GR SL</i>	<i>FR SSS 5/4P</i>						
		<i>12-36</i>	<i>BK C</i>	<i>F1 SP 5/4P</i>					<i>PS</i>	
		<i>36+</i>	<i>Supelite/ Rock</i>	<i>-</i>		<i>36</i>			<i>0.3</i>	
<i>3</i>	<i>L 5%</i>	<i>0-14</i>	<i>GR SL</i>	<i>FR SSS 5/4P</i>						
		<i>14-38</i>	<i>BK C</i>	<i>F1 SP 5/4P</i>					<i>PS</i>	
		<i>38+</i>	<i>Supelite/ Rock</i>	<i>-</i>		<i>38</i>			<i>0.3</i>	

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	<i>✓</i>	<i>✓</i>	Site Classification (.1948): <i>Provisionally Suitable</i>
System Type(s)	<i>25% Red</i>	<i>25% Red</i>	Evaluated By: <i>Andrew Corrin, AEMS (Auger Boring)</i>
Site LTAR	<i>0.3</i>	<i>0.3</i>	Others Present: