

HTE# 17-5-40851

Harnett County Department of Public Health

29337

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

PROPERTY LOCATION: Wilburn Rd. (SR 1432)

ISSUED TO: James + Sarah Williams SUBDIVISION _____ LOT # _____

NEW [x] REPAIR [] EXPANSION []

Site Improvements required prior to Construction Authorization Issuance: _____

Type of Structure: 3BR SFD (68'x58'), 2BR SFD (24'x28'), Garage w/ Bath No Bedroom

Proposed Wastewater System Type: 25% Reduction System

Projected Daily Flow: 600 GPD

Number of bedrooms: 5 (3 + 2) Number of Occupants: 10 (6 + 4) max

Basement [] Yes [x] No

Pump Required: [] Yes [] No [x] May be required based on final location and elevations of facilities

Type of Water Supply: [] Community [x] Public [] Well Distance from well _____ feet

Permit valid for: [x] Five years [] No expiration

Permit conditions: _____

Authorized State Agent: [Signature] Date: 03/14/17

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: James + Sarah Williams PROPERTY LOCATION: Wilburn Rd. (SR 1432)

Facility Type: 3BR SFD (68'x58'), 2BR SFD (24'x28') [x] New [] Expansion [] Repair

Basement? [] Yes [x] No Basement Fixtures? [] Yes [] No

Type of Wastewater System** 25% Reduction System (Initial) Wastewater Flow: 600 GPD

(See note below, if applicable []) 25% Reduction System (Repair)

Installation Requirements/Conditions

Septic Tank Size 1500 gallons

Pump Tank Size _____ gallons

Number of trenches 6

Exact length of each trench 75 feet

Trenches shall be installed on contour at a

Maximum Trench Depth of: 24 inches

(Trench bottoms shall be level to +/- 1/4"

in all directions)

Trench Spacing: 9 Feet on Center

Soil Cover: 12 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

Conditions: PROPOSED GARAGE + BATHROOM (1) NO BEDROOM

12 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: 03/14/17 Construction Authorization Expiration Date: 03/14/22

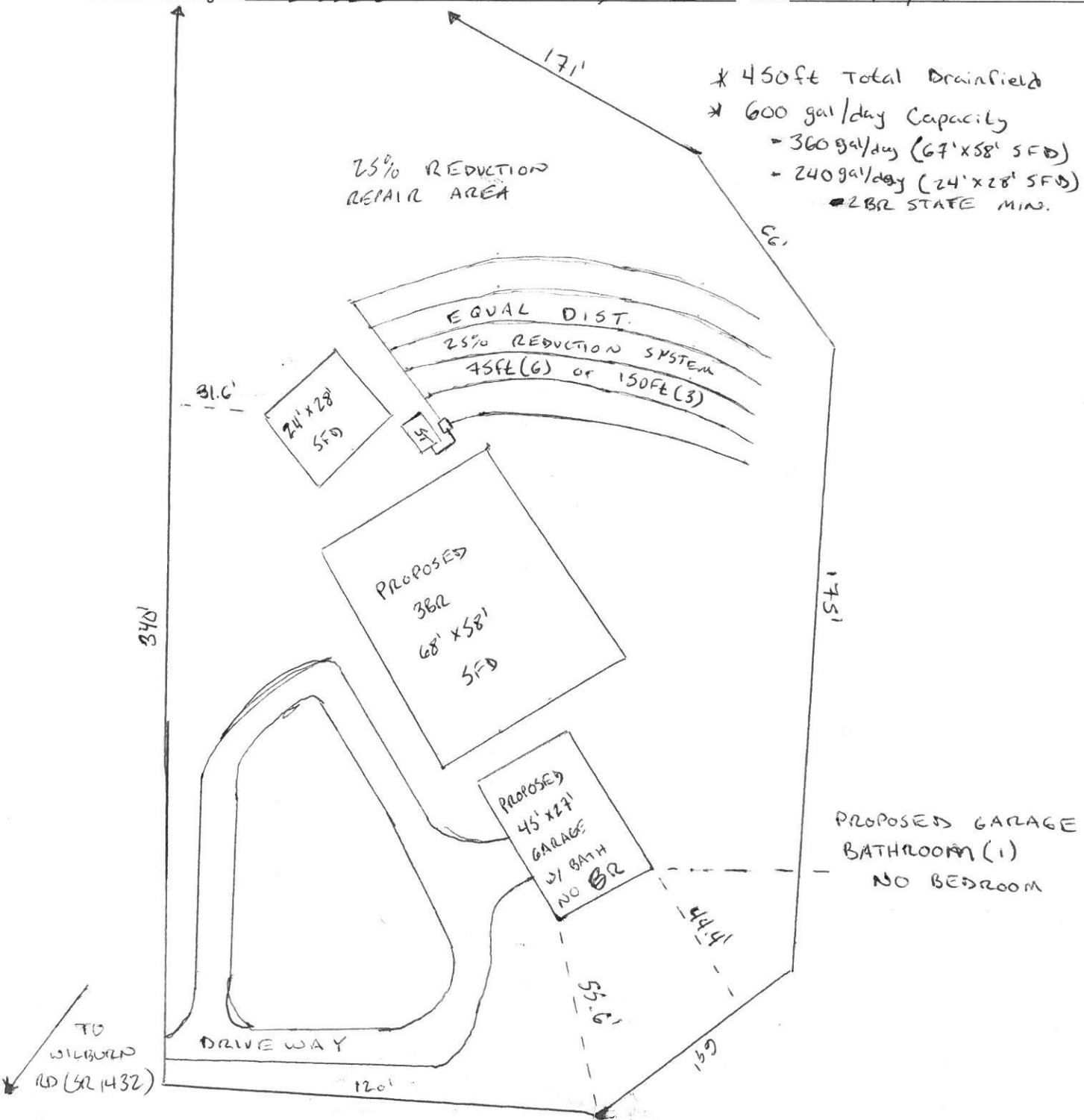
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Harnett County Department of Public Health Site Sketch

ISSUED TO: James & Sarah Williams PROPERTY LOCATION: Willborn Rd. (SR 1432)
SUBDIVISION _____ LOT # _____

Authorized State Agent: [Signature] Date: 03/14/17



- * 450ft Total Drainfield
- * 600 gal/day Capacity
 - 360 gal/day (67' x 58' SFD)
 - 240 gal/day (24' x 28' SFD)
 - 2BR STATE MIN.

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

Owner: *same* Applicant: *JAMES + Sarah Williams*
 Address: *Wilborn Rd.* Date Evaluated: *03/13/17*
 Proposed Facility: *3BR SFD/GARAGE/* Design Flow (.1949): *240 gal/day*
 Location of Site: *202 SFD* Property Recorded: *yes* Property Size: *1.20 AC*
 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 .1941		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1	L 4%	0-6	GR SL	FL SSP Sep					PS
		6-48	BK C	FI SP Sep		48			0.35
2	L 4%	0-6	GR SL	FL SSP Sep					PS
		6-48	BK C	FI SP Sep		48			0.35
3	L 4%	0-8	GR SL	FL SSP Sep					PS
		8-46	BK C	FI SP Sep		46			
		46+	Perme mat	-	-	-	-	-	0.35

Description	Initial System <input checked="" type="checkbox"/>	Repair System <input checked="" type="checkbox"/>	Other Factors (.1946):
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Site Classification (.1948): <i>P.S.</i>
System Type(s)	<i>25% Red</i>	<i>25% Red</i>	Evaluated By: <i>Andrew Currah, REITS</i>
Site LTAR	<i>0.35</i>	<i>0.35</i>	Others Present: