

HTE# 175-4301

# Harnett County Department of Public Health

29795

## Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Red Door Homes PROPERTY LOCATION: NC Hwy 55

NEW  REPAIR  EXPANSION  SUBDIVISION \_\_\_\_\_ LOT # \_\_\_\_\_

Type of Structure: 4BR 54' x 37' SFD Site Improvements required prior to Construction Authorization Issuance: \_\_\_\_\_

Proposed Wastewater System Type: 25% Reduction Sys.

Projected Daily Flow: 480 GPD

Number of bedrooms: 4 Number of Occupants: 8 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: [Signature] Date: 01/19/2018 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: Red Door Homes PROPERTY LOCATION: NC Hwy 55

Facility Type: 4BR 54' x 37' SFD  New  Expansion  Repair SUBDIVISION \_\_\_\_\_ LOT # \_\_\_\_\_

Basement?  Yes  No Basement Fixtures?  Yes  No

Type of Wastewater System\*\* Pump to 25% Reduction Sys. (Initial) Wastewater Flow: 480 GPD

(See note below, if applicable  Pump to 25% Red. Sys. (Repair) D-Box Required

<b>Installation Requirements/Conditions</b>	Number of trenches <u>3</u>	
Septic Tank Size <u>1250</u> gallons	Exact length of each trench <u>100</u> feet	Trench Spacing: <u>9</u> Feet on Center
Pump Tank Size _____ gallons	Trenches shall be installed on contour at a Maximum Trench Depth of: <u>24</u> inches (Trench bottoms shall be level to +1-1/4" in all directions)	Soil Cover: <u>12</u> inches (Maximum soil cover shall not exceed 36" above the trench bottom)
Pump Requirements: _____ ft. TDH vs. _____ GPM		Aggregate Depth: <u>NA</u> inches below pipe <u>NA</u> inches above pipe <u>NA</u> inches total

Conditions: septic Area may require small pine clearing  
may require to meet installer onsite

**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: 01/19/2018

ANDREW CURRIN Construction Authorization Expiration Date: 01/19/2023

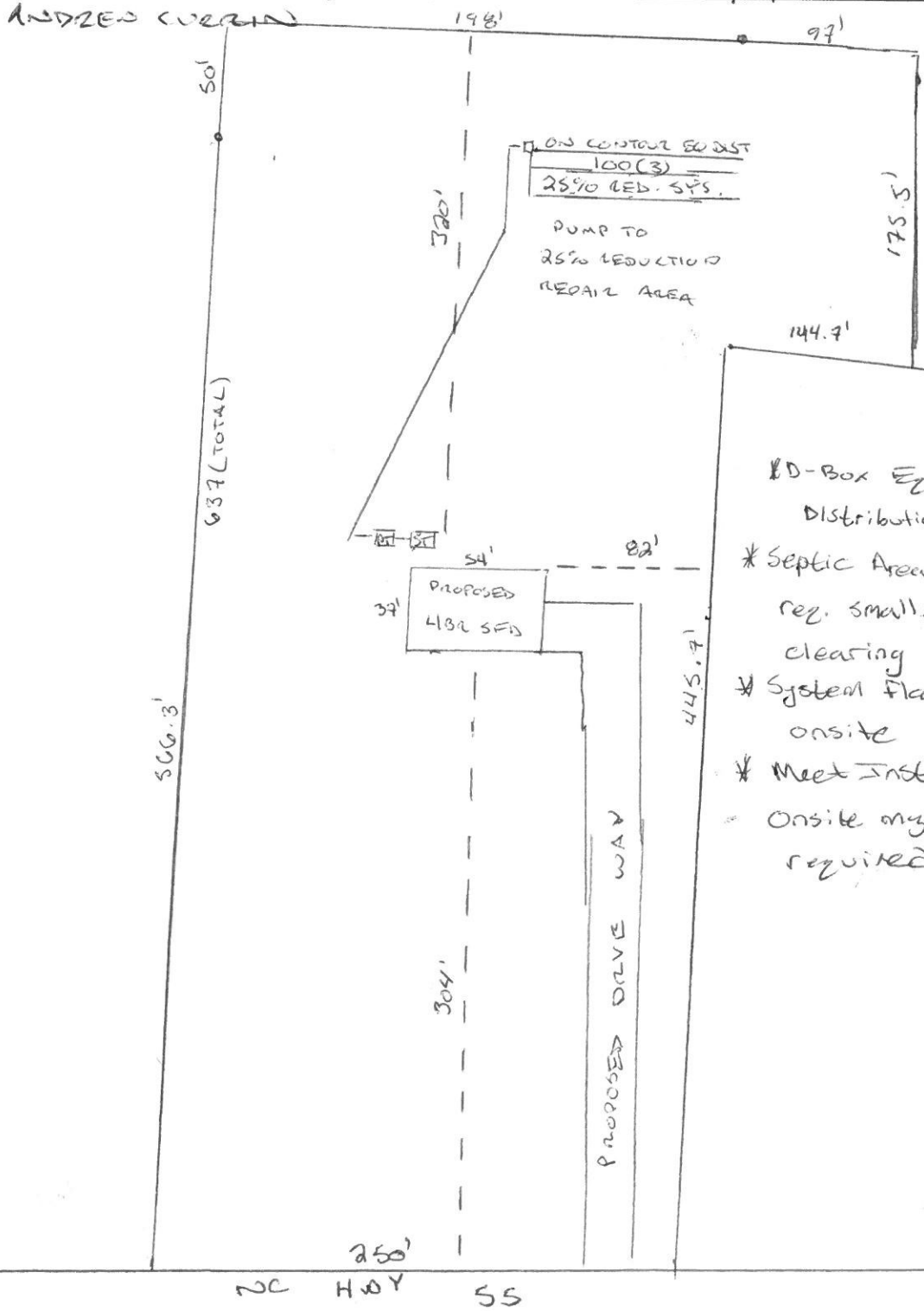
HTE# 17-5-43011

Permit # 29795

# Harnett County Department of Public Health Site Sketch

ISSUED TO: Red Door Homes PROPERTY LOCATOR: NC Hwy 55  
SUBDIVISION \_\_\_\_\_ LOT # \_\_\_\_\_

Authorized State Agent: [Signature] Date: 01/19/2018



- \* D-Box Equal Distribution Req.
- \* Septic Area may req. small pine clearing
- \* System Flagged onsite
- \* Meet Installer
- \* Onsite may be required

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

Owner: <sup>01/16/17</sup> ~~Red Door Homes~~ Applicant: ~~Red Door Homes~~  
 Address: HWY 55 Date Evaluated: 01/16/17  
 Proposed Facility: 432 SFD Design Flow (.1949): 460 GPD Property Size: 2.96 AC  
 Location of Site: Property Recorded: Yes  
 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 3%	0-10	CL SL	VR 55/1 kg					
		10-32	BK SL	FI 50 kg					U/0.5
		32+	Parent mat.	-		32			0.3
2,3	L 3%	0-14	CL SL	VR 55/1 kg					
		14-24	BK C	FI 50 kg	7.5 x 27.1 @ 18"	24			U/0.5
4,6,7	L 5%	0-18	CL SL	VR 54/1 kg					
		18-48	BK SLL	FL 50 kg		48			PS/0.4
5	L 5%	0-16	CL SL	VR 55/1 kg					
		16-40	BK SLL	FL 50 kg					PS
		40+	Rock	-		40			0.4

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Site Classification (.1948): Provisionally suitable
System Type(s)	75% Red	25% Red	Evaluated By: Andrew Curran, NESH
Site LTAR	0.4	0.4	Others Present: