

HTE# 17-5-41764

# Harnett County Department of Public Health

29584

## Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Red Door Homes PROPERTY LOCATION: 1378 Chesterfield Lake rd (SR 1537)  
 SUBDIVISION \_\_\_\_\_ LOT # \_\_\_\_\_  
 NEW  REPAIR  EXPANSION  Site Improvements required prior to Construction Authorization Issuance: \_\_\_\_\_  
 Type of Structure: 432 (56'x44') SFD  
 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  
 Permit conditions: \_\_\_\_\_  No expiration

Authorized State Agent: [Signature] Date: 07/24/2017 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: Red Door Homes PROPERTY LOCATION: 1378 Chesterfield Lake rd. (SR 1537)  
 SUBDIVISION \_\_\_\_\_ LOT # \_\_\_\_\_  
 Facility Type: 432 (56'x44') SFD  New  Expansion  Repair  
 Basement?  Yes  No Basement Fixtures?  Yes  No  
 Type of Wastewater System\*\* 25% reduction system (Initial) Wastewater Flow: 480 GPD  
 (See note below, if applicable )  
25% reduction system (Repair)

**Installation Requirements/Conditions**

Septic Tank Size <u>1250</u> gallons	Number of trenches <u>5</u>	Exact length of each trench <u>70</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>18</u> inches	Soil Cover: <u>6</u> inches
	(Trench bottoms shall be level to +/- 1/4" in all directions)	(Maximum soil cover shall not exceed 36" above the trench bottom)	
Pump Requirements: _____ ft. TDH vs. _____ GPM		Aggregate Depth: <u>6</u> inches below pipe	<u>2</u> inches above pipe
Conditions: <u>Four(4) 90ft lines may be utilized if space is available</u>			<u>12</u> 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: 07/24/2017  
 Construction Authorization Expiration Date: 07/24/2022

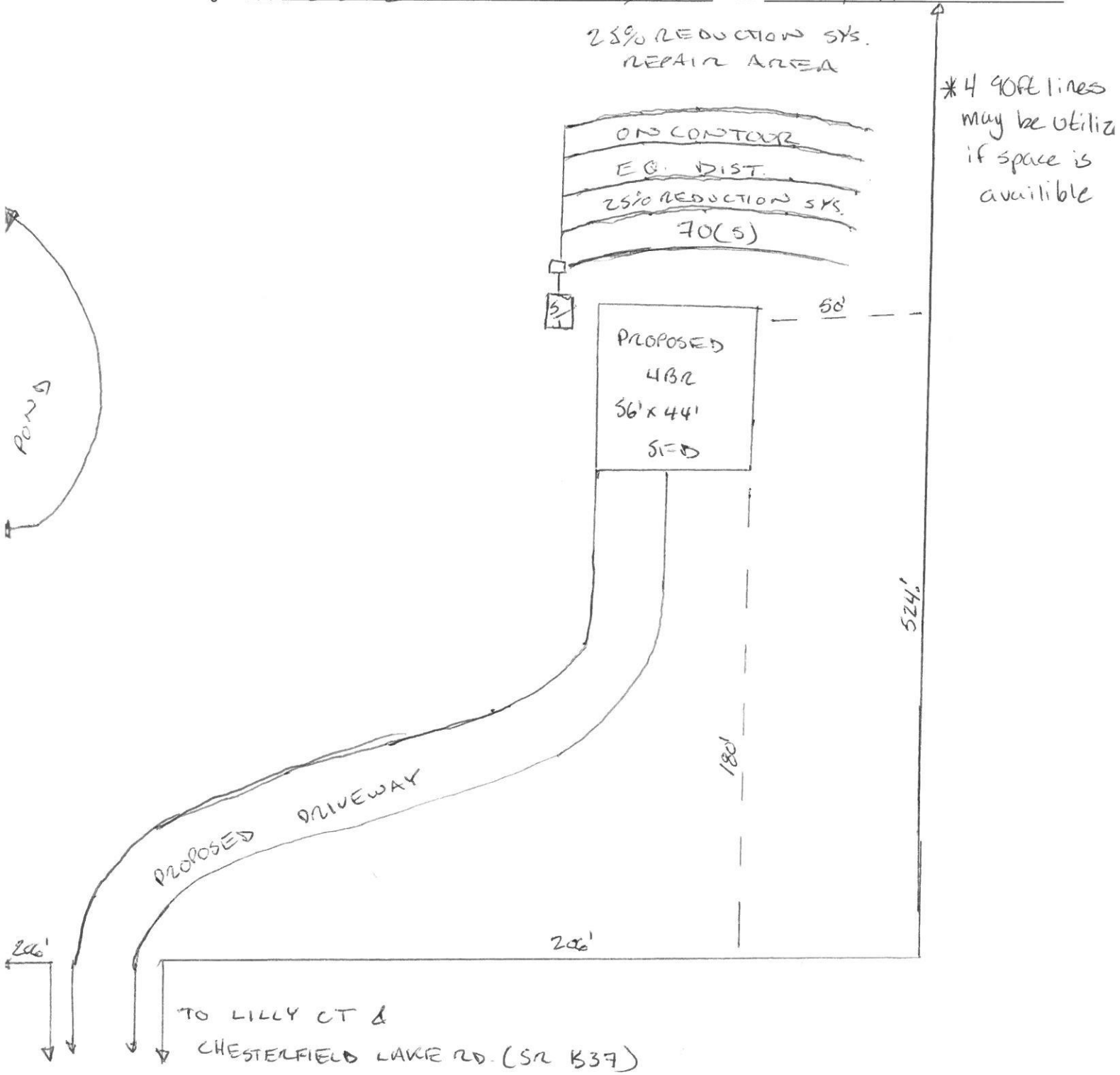
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# Harnett County Department of Public Health Site Sketch

ISSUED TO: Red Door Homes PROPERTY LOCATOR: 1378 Chesterfield Lake Rd. (SR 1537)  
SUBDIVISION \_\_\_\_\_ LOT # \_\_\_\_\_

Authorized State Agent: [Signature] Date: 07/24/2017



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

Owner: <sup>Ed</sup> ~~Peke~~ Applicant: Red Door Homes  
 Address: ~~Chesfield Lake Rd~~ Date Evaluated: 07/18/17  
 Proposed Facility: 432 s/d Design Flow (.1949): 100 GPD Property Size: 9.53 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	
1,5	L 3%	0-14	GL SL	FI SSP 1/2p					PS
		14-38	BK SL/L	FI SP 1/2p	7.5YR7/1 @ 32"	38+			0.85
2	L 3%	0-14	GL SL	FI SSP 1/2p					PS
		14-38	BK SL/L	FI SP 1/2p	7.5YR7/1 @ 36"	38+			0.85
3	L 3%	0-16	GL SL	FI SSP 1/2p					PS
		16-40	BK SL	FI SP 1/2p	7.5YR7/1 @ 36"	40+			0.85
4,7	L 3%	0-14	GL SL	FI SSP 1/2p					PS
		14-36	BK SL	FI SP 1/2p	7.5YR7/1 @ 35"	36+			0.85

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): Provisionally suitable Evaluated By: Andrew Curran, NEHS Others Present:
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
System Type(s)	25% red	25% red	
Site LTAR	0.85	0.85	