

HTE# 17-5-42720

# Harnett County Department of Public Health

29774

## Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Glenn & Tonia Carroll PROPERTY LOCATION: 160 Dauphine St. (River Rd. SR 1418)  
 NEW  REPAIR  EXPANSION  SUBDIVISION: Captains Landing LOT # 212  
 Type of Structure: 302 56'x26' MAN HOME Site Improvements required prior to Construction Authorization Issuance:  
 Proposed Wastewater System Type: 25% Red. 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  
 Permit conditions: At-grade sys. w/ 14in trench depth max + 6in imported top soil req. D-Box equal dist. required  No expiration

Authorized State Agent: [Signature] Date: 12/07/2017 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: Glenn & Tonia Carroll PROPERTY LOCATION: 160 Dauphine St. (River Rd. SR 1418)  
 SUBDIVISION: Captains Landing LOT # 212  
 Facility Type: 302 56'x26' MAN HOME  New  Expansion  Repair  
 Basement?  Yes  No Basement Fixtures?  Yes  No  
 Type of Wastewater System\*\* At-Grade 25% Reduction Sys (Initial) Wastewater Flow: 360 GPD  
 (See note below, if applicable  At-grade 25% Red. Sys. (Repair))

**Installation Requirements/Conditions**

Septic Tank Size <u>1000</u> gallons	Number of trenches <u>5</u>	Exact length of each trench <u>60</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>14</u> inches	Soil Cover: <u>6</u> inches (IMPORTED)
	(Trench bottoms shall be level to +1-1/4" 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: \_\_\_\_\_ inches above pipe  
 \_\_\_\_\_ inches total

Conditions: At-grade 14in Trench Depth Max w/ 6in min imported top soil required, D-Box eq. dist. req.

**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: 12/07/2017  
ANDREW CURRIN Construction Authorization Expiration Date: 12/07/2022

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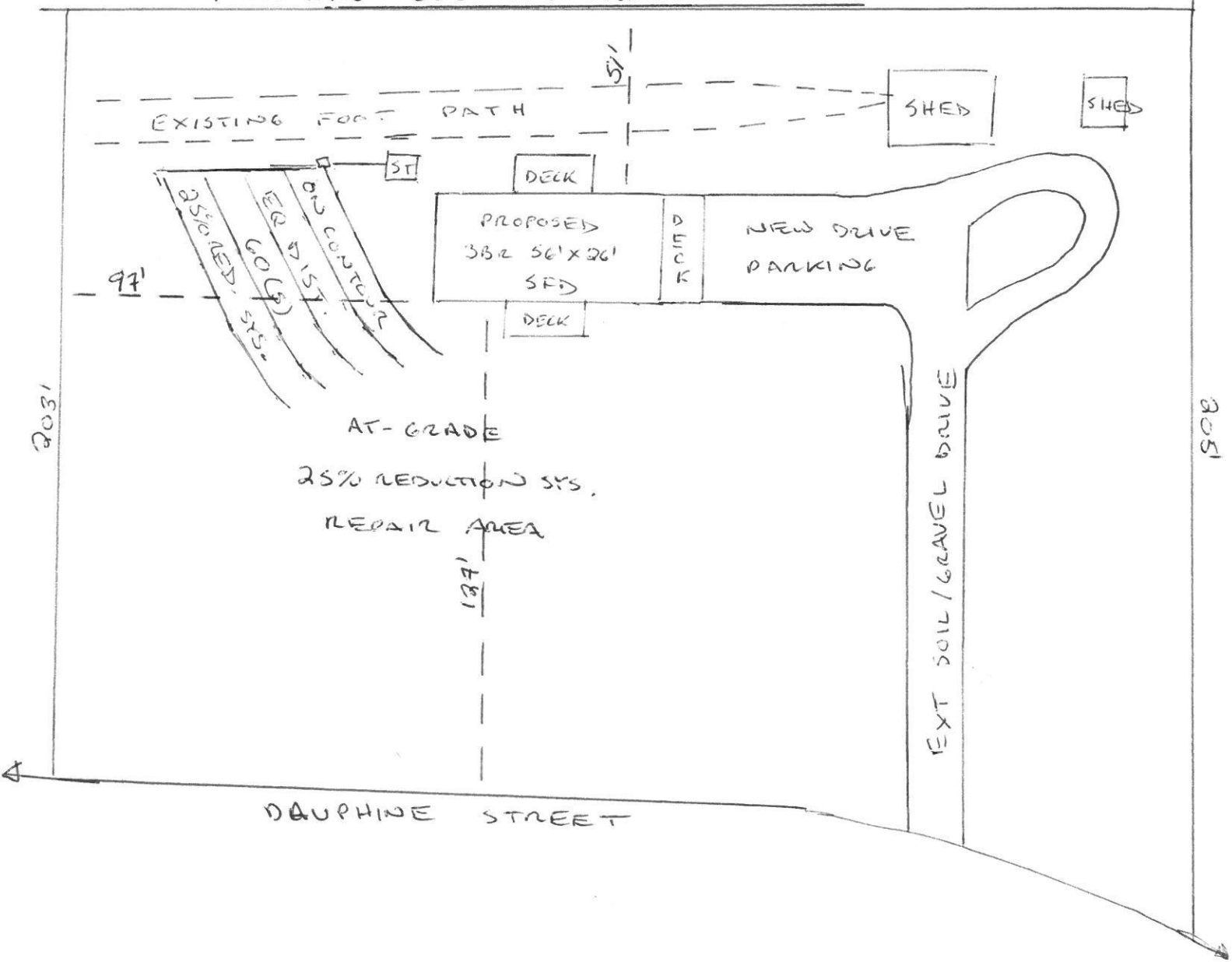
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# Harnett County Department of Public Health Site Sketch

ISSUED TO: Glen & Tonia Carroll PROPERTY LOCATOR: 160 Dauphine St. (Rives Rd. 52 14/8)  
SUBDIVISION Captains Landing LOT # 212

Authorized State Agent: Andrew Collins Date: 12/07/2017  
ANDREW COLLINS

- \* At-grade system with 14in Trench Depth MAX
- \* 6in Imported top soil Req.
- \* D-Box Equal Dist Req.
- \* NO Ext. Foot Path Setback 310'



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

Owner: \_\_\_\_\_ Applicant: Glenn + Tonia Carroll  
 Address: 160 Davenport St. Date Evaluated: 12/07/17  
 Proposed Facility: 332 SFD Design Flow (.1949): 360 GPD Property Size: 1.50 Ac  
 Location of Site: \_\_\_\_\_ Property Recorded: res  
 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	
A	L 4%	0-8	CL LS	VFL SPP 40p					
		8+	Rock	—		~A			UNR
* Large Rock Formation Present 6-10in w/ multiple borings. Pits Req.									
1	L 4%	0-12	CL LS	VFL SPP 40p					
		12-26	BK C	FA S P 40p					UPS
		26+	Parent mat	—		26			0.3
2,3	L 4%	0-14	CL LS	VFL SPP 40p					
		14-26	BK C	FA S P 40p					UPS
		26+	Parent mat	—		26			0.3
4	L 6%	0-12	CL LS	VFL SPP 40p					
		12-32	BK C	FA S P 40p					UPS
		32+	Parent mat	—		32			0.3
* Soil profiles consistent w/ report by Tom Boyer, LSS									

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Site Classification (.1948): Unsuitable/Provisionally suitable
System Type(s)	25% 42	25% 42	Evaluated By: Andrew Curcio, DEHS
Site LTAR	0.3	0.3	Others Present: