

HTE# 17-5-41023

# Harnett County Department of Public Health

29484

## Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Wyan Construction Inc  
 NEW  REPAIR  EXPANSION   
 Type of Structure: 432 SFD (60'x60')  
 Proposed Wastewater System Type: 25% Reduction Sys.  
 Projected Daily Flow: 480 GPD  
 Number of bedrooms: 4 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 \_\_\_\_\_ feet  
 Permit conditions: \_\_\_\_\_

PROPERTY LOCATION: Avery Pond Dr. (Chalybeate Rd.)  
 SUBDIVISION: Avery Pond LOT # 67  
 SR 1429  
 Site Improvements required prior to Construction Authorization Issuance: \_\_\_\_\_

Authorized State Agent: [Signature] Date: 05/22/17 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: Wyan Construction Inc  
 Facility Type: 432 SFD (60'x60')  New  Expansion  Repair  
 Basement?  Yes  No Basement Fixtures?  Yes  No  
 Type of Wastewater System\*\* Pump to 25% Reduction system (Initial) Wastewater Flow: 480 GPD  
 (See note below, if applicable )

PROPERTY LOCATION: Avery Pond Dr. (Chalybeate Rd.)  
 SUBDIVISION: Avery Pond LOT # 67  
 SR 1429

### Installation Requirements/Conditions

Septic Tank Size 1250 gallons  
 Pump Tank Size \_\_\_\_\_ gallons

Number of trenches 4  
 Exact length of each trench 90 feet  
 Trenches shall be installed on contour at a  
 Maximum Trench Depth of: 26 inches  
 (Trench bottoms shall be level to +1-1/4"  
 in all directions)

Trench Spacing: 9 Feet on Center  
 Soil Cover: 14 inches  
 (Maximum soil cover shall not exceed  
 36" above the trench bottom)

Pump Requirements: \_\_\_\_\_ ft. TDH vs. \_\_\_\_\_ GPM

Aggregate Depth: \_\_\_\_\_ inches below pipe  
2 inches above pipe  
12 inches total

Conditions: \_\_\_\_\_

**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: 05/22/17

Construction Authorization Expiration Date: 05/22/22

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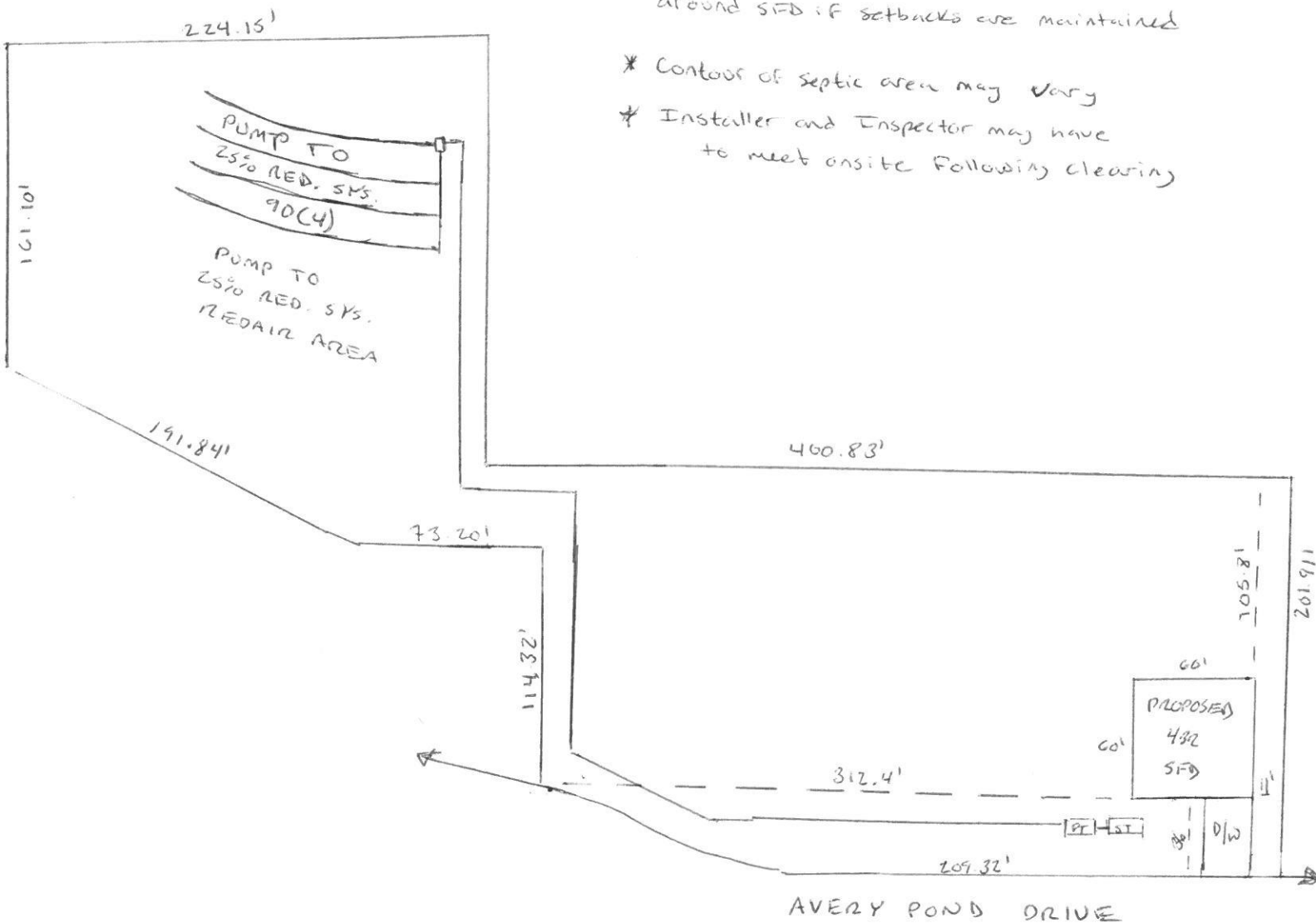
Permit # 29484

# Harnett County Department of Public Health Site Sketch

ISSUED TO: Wyan Construction Inc PROPERTY LOCATOR: Avery Pond Dr. (Chalybeate Springs) <sup>512 142928</sup>  
SUBDIVISION Avery Pond LOT # 67

Authorized State Agent: [Signature] Date: 05/22/17

- \* Tanks (Pump & Septic) may be relocated around SFD if setbacks are maintained
- \* Contour of septic area may vary
- \* Installer and Inspector may have to meet onsite following clearing



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

Owner: Applicant: *Wynn Construction*  
 Address: *Lot C7 Avery Pond* Date Evaluated: *05/19/17*  
 Proposed Facility: *4872 SFD* Design Flow (.1949): *490 GPD* Property Size: *2.81 AC*  
 Location of Site: Property Recorded: *525*  
 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 5%	0-30	GL SL	FR SSP sep					PS
		30-46	BK C	FI S I sep	SVR 6/1 @ 42"	46			0.35
2	L 3%	0-18	GL SL	FR SSP sep					PS
		18-44	BK C	FI S P sep	SVR 4/1 @ 40"	44			0.35
3,4	L 3%	0-24	GL SL	FR SSP sep					PS
		24-48	BK C	FI S I sep	SVR 4/1 @ 44"	48			0.35

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Site Classification (.1948): PS
System Type(s)	<i>2 1/2" RWD</i>	<i>2 1/2" RWD</i>	Evaluated By: <i>Andrew I. Curran, PEHS</i>
Site LTAR	<i>0.35</i>	<i>0.35</i>	Others Present: