

**Improvement Permit**

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Thomas P O'Brien PROPERTY LOCATION: 51561 Bailey Rd - 97 Bailey Rd  
 NEW  REPAIR  EXPANSION  SUBDIVISION \_\_\_\_\_ LOT # \_\_\_\_\_  
 Type of Structure: Ex BLDG Site Improvements required prior to Construction Authorization Issuance: \_\_\_\_\_  
 Proposed Wastewater System Type: 25% Red  
 Projected Daily Flow: 120 GPD  
 Number of bedrooms: 7 Number of Occupants: 3 workers 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 50' feet Permit valid for:  Five years  No expiration  
 Permit conditions: \_\_\_\_\_

Authorized State Agent: James E. Markham for ICBAS Date: 8-14-18 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: Thomas P O'Brien PROPERTY LOCATION: 51561 Bailey Rd  
 Facility Type: Ex BLDG  New  Expansion  Repair  
 Basement?  Yes  No Basement Fixtures?  Yes  No  
 Type of Wastewater System\*\* 25% Reduction System (Initial) Wastewater Flow: 3 workers 120 GPD  
 (See note below, if applicable  Pump to 25% reduction (Repair))

**Installation Requirements/Conditions**  
 Septic Tank Size 1000 gallons Number of trenches 2  
 Pump Tank Size \_\_\_\_\_ gallons Exact length of each trench 50' feet Trench Spacing: 9 Feet on Center  
 Trenches shall be installed on contour at a Soil Cover: 6 inches  
 Maximum Trench Depth of: 16" inches (Maximum soil cover shall not exceed 36" above the trench bottom)  
 (Trench bottoms shall be level to +/-1/4" in all directions)  
 Pump Requirements: \_\_\_\_\_ ft. TDH vs. \_\_\_\_\_ GPM Aggregate Depth: 6 inches below pipe  
 \_\_\_\_\_ inches above pipe  
 \_\_\_\_\_ 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: James E. Markham for ICBAS Date: 8-14-18  
 Construction Authorization Expiration Date: 8-14-23

HTE# BRES 1807-0050

Permit # 29968

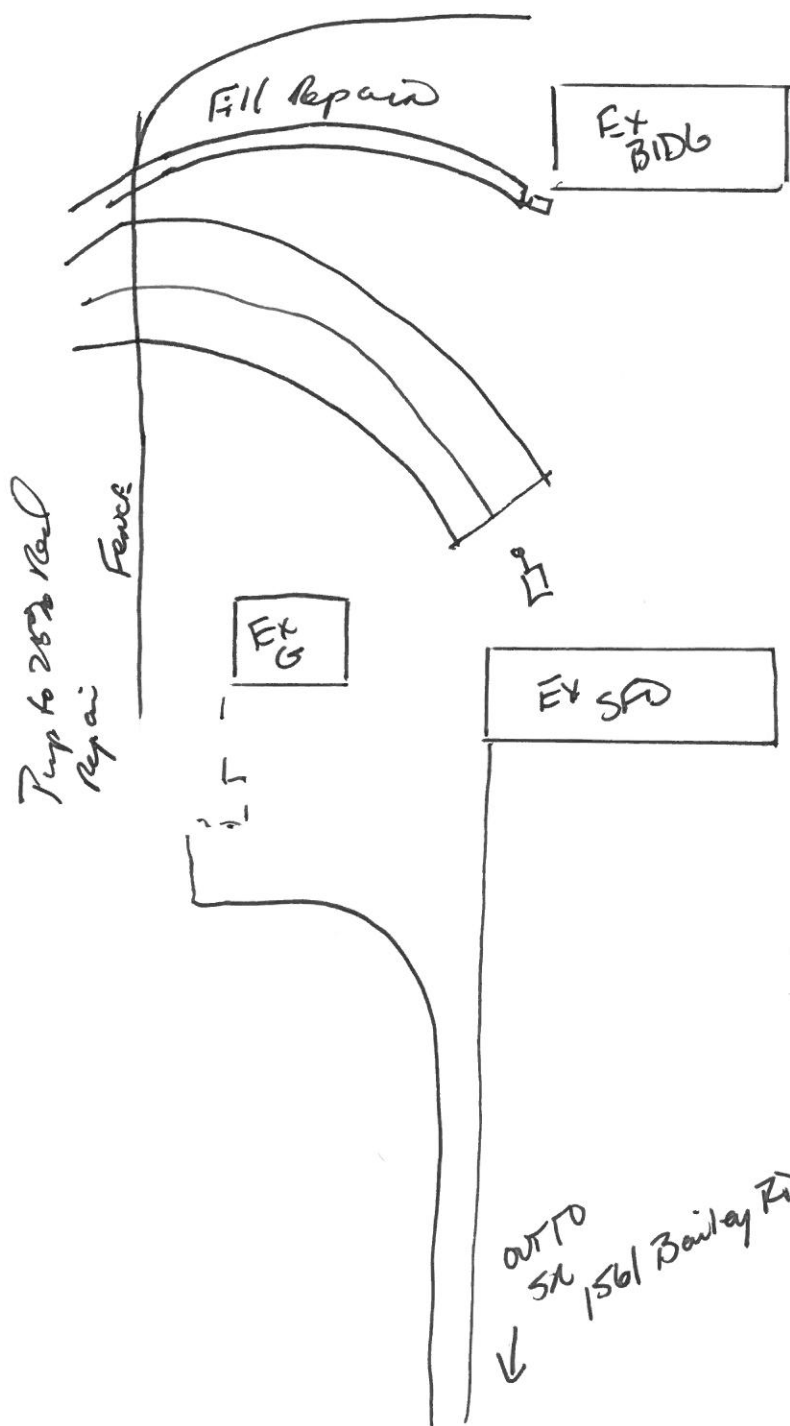
# Harnett County Department of Public Health Site Sketch

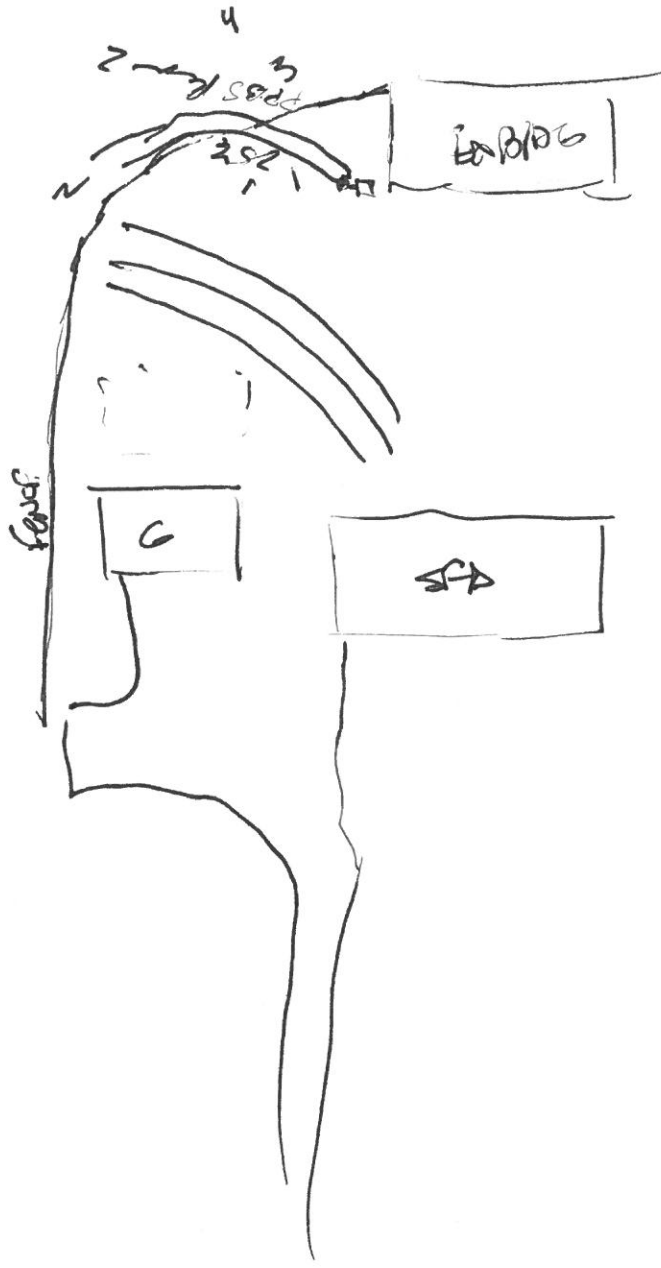
ISSUED TO: THOMAS P O'BRIEN

PROPERTY LOCATOR: 201561 Bailey Rd - 97 Bailey Rd.  
SUBDIVISION \_\_\_\_\_ LOT # \_\_\_\_\_

Authorized State Agent: James E. Manhart REHS

Date: 8-14-18





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

Owner:                      Applicant: ORACE  
 Address:                    Date Evaluated: 8-13-14-18  
 Proposed Facility: EP 8188      Design Flow (.1949): 120?  
 Location of Site: 2nd St      Property Recorded:  
 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	
1.2	<u>L 4-14%</u>	0-18	SL	<u>FLGARD</u>					<u>PS</u>
		18-36	SCL	<u>Am J S.P.</u>	<u>30-32 2Rm</u> <u>3.1</u>				<u>.4</u>
3.4	<u>L 5-7%</u>	0-12	SL	<u>FLGARD</u>					
		12-30	SCL	<u>Am J S.P.</u>	<u>25-24m 2Rm</u> <u>3.1</u>				<u>.25, 2.3</u>

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)			Site Classification (.1948): <u>PS</u>
System Type(s)	<u>2.5%</u>	<u>2.5-2.3</u>	Evaluated By: <u>JZ</u>
Site LTAR	<u>.4</u>	<u>.25-2.3</u>	Others Present: