

HTE# 17-5-42715

# Harnett County Department of Public Health

29781

## Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Fred Allen Elliott Jr. PROPERTY LOCATION: 1805 Ebenezer Church Rd (S2158)  
 NEW  REPAIR  EXPANSION  SUBDIVISION \_\_\_\_\_ LOT # \_\_\_\_\_  
 Type of Structure: 332 DWMH 28'x60' Site Improvements required prior to Construction Authorization Issuance: \_\_\_\_\_  
 Proposed Wastewater System Type: 25% Reduction 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: 16" trench depth max with approved imported soil cover  No expiration  
May be required. Well shall be abandoned prior to septic install. Septic operational permit dependent on well abandonment.

Authorized State Agent: [Signature] Date: 01/04/2018 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: Fred Allen Elliott Jr. PROPERTY LOCATION: 1805 Ebenezer Church Rd. (S2158)  
 SUBDIVISION \_\_\_\_\_ LOT # \_\_\_\_\_  
 Facility Type: 332 DWMH 28'x60'  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 )

Pump to At-Grade Repair (Repair)  
**Installation Requirements/Conditions**  
 Number of trenches 3  
 Septic Tank Size 1000 gallons Exact length of each trench 100 feet Trench Spacing: 9 Feet on Center  
 Pump Tank Size \_\_\_\_\_ gallons Trenches shall be installed on contour at a Soil Cover: 6 inches (MIN)  
 Maximum Trench Depth of: 16 inches (Maximum soil cover shall not exceed  
 (Trench bottoms shall be level to +/-1/4" 36" above the trench bottom)  
 in all directions)  
 Pump Requirements: \_\_\_\_\_ ft. TDH vs. \_\_\_\_\_ GPM \_\_\_\_\_ inches below pipe  
 Aggregate Depth: \_\_\_\_\_ inches above pipe  
 \_\_\_\_\_ inches total  
 Conditions: 16" trench depth MAX w/ import cover may be required.  
Septic operational permit dependent on well abandonment.

**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: 01/04/2018  
ANDREW CORWIN Construction Authorization Expiration Date: 01/04/2023



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

Owner: <sup>11/23</sup> ELIOT SA Applicant: \_\_\_\_\_ Date Evaluated: 11/20/17  
 Address: 1805 E. 2nd St. N.W. Design Flow (.1949): 360 gpd Property Size: 1.81 Ac  
 Proposed Facility: 398 DUMH Property Recorded: 11/23  
 Location of Site: \_\_\_\_\_  
 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	L 2%	0-8	br ls	vr 55R 5ep					
		8-26	br sll	vr 5 0 5ep					U/PS
		26+	Parent mat	—		26			0.85
3	L 2%	0-12	br ls	vr 55R 5ep					
		12-28	br sll	vr 5 0 5ep					U/PS
		28+	Rock	—		28			0.80
4	L 2%	0-6	br ls	vr 55R 5ep					
		6-14	br sll	vr 5 P 5ep	7.5YR7.1@14"	14			U
5,7	L 1%	0-10	br ls	vr 55R 5ep					U/PS
10		10-36	br sll	vr 5 P 5ep	7.5YR7.1@28"	30			0.80
6,9	L 1%	0-8	br ls	vr 55R 5ep					U/PS
		8-34	br sll	vr 5 P 5ep	7.5YR7.1@32"	34			0.4
8	L 1%	0-10	br ls	vr 55R 5ep					
		10-36	br sll	vr 5 0 5ep					U/PS
		36+	Parent mat	—		36			0.4

Description	Initial System <input checked="" type="checkbox"/>	Repair System <input checked="" type="checkbox"/>	Other Factors (.1946):
Available Space (.1945)			Site Classification (.1948): Unsuitable / Provisionally Suitable
System Type(s)	2570 red	2570 red	Evaluated By: Andrew Curran, NEMTS
Site LTAR	0.3	0.3	Others Present: