

HTE# 15-5-36920R

# Harnett County Department of Public Health

28440

## Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Cater Building PROPERTY LOCATION: 27 West  
 NEW  REPAIR  EXPANSION  SUBDIVISION: Tingen Pointe LOT # 154  
 Type of Structure: SFD 51x45 Site Improvements required prior to Construction Authorization Issuance:  
 Proposed Wastewater System Type: Pump to 25% Reduction System  
 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 \_\_\_\_\_ feet Permit valid for:  Five years  
 Permit conditions: \_\_\_\_\_  No expiration

Authorized State Agent: Bryan McSwain, PE/HS Date: 10/16/2015 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: Cater Building PROPERTY LOCATION: 27 West  
 Facility Type: SFD  New  Expansion  Repair  
 SUBDIVISION: Tingen Pointe LOT # 154  
 Basement?  Yes  No Basement Fixtures?  Yes  No  
 Type of Wastewater System\*\* Pump to 25% Reduction System (Initial) Wastewater Flow: 360 GPD  
 (See note below, if applicable )  
25% Reduction System (Repair)

**Installation Requirements/Conditions**

Septic Tank Size <u>1000</u> gallons	Number of trenches <u>1</u>	Exact length of each trench <u>225</u> feet	Trench Spacing: <u>9</u> Feet on Center
Pump Tank Size <u>1000</u> 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 +1-1/4"	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  
 Conditions: Permit based on soil consultants proposal. See attachment for drain field layout & site plan \_\_\_\_\_ 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: Bryan McSwain, PE/HS Date: 10/16/2015  
 Construction Authorization Expiration Date: 10/16/2020

\* REVISED 10/13/15  
 SOUTHEASTERN SOIL & ENVIRONMENTAL ASSOC., INC.

PROPOSED SUBSURFACE WASTE DISPOSAL SYSTEM DETAIL SHEET

SUBDIVISION: TINKER PT  
pump to

LOT 154  
pump to

INITIAL SYSTEM: APPROVED 25% REDUCTION

REPAIR APPROVED 25% REDUCTION

DISTRIBUTION: SERIAL

DISTRIBUTION SERIAL

BENCHMARK: 100.0

LOCATION TOP OF FUEL BOX 154/155  
0.45 GPD/FT<sup>2</sup> INITIAL

NO. BEDROOMS: 3

LTAR 0.6 GPD/FT<sup>2</sup> REMAIN

LINE	FLAG COLOR	ELEVATION	LENGTH
1	O	100.92	40'
2	B	100.34	60'
3	O	99.50	70'
4A	B	97.58	55'
			<u>225'</u>
4B	B	97.58	20'
5	O	97.25	65'
6	B	96.25	50'
7	Y	95.34	35'
			<u>170'</u>

Initial system

BY WEAVER

DATE 10/2015

TYPICAL PROFILE  
0-32 LS/S (VF, wgr)  
32-48 ssc (Fr, sh)  
cr 2 > 70"

THERE SHALL BE NO GRADING,  
 CUTTING, LOGGING OR OTHER SOIL  
 DISTURBANCE IN SEPTIC AREA

INSTALL AT 18-20"



