

HTE# 16-5-40304

Harnett County Department of Public Health

29287

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: TDT Construction Inc. PROPERTY LOCATION: Kipling Church Rd. (SR 1576)
 SUBDIVISION _____ LOT # 4R
 NEW REPAIR EXPANSION Site Improvements required prior to Construction Authorization Issuance:
 Type of Structure: 2BR SFD
 Proposed Wastewater System Type: 25% Reduction System
 Projected Daily Flow: 240 GPD
 Number of bedrooms: 2 Number of Occupants: 4 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: 2 Bedroom (240 gal/day) state minimum No expiration

Authorized State Agent: [Signature] Date: 12-20-16 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: TDT Construction Inc. PROPERTY LOCATION: Kipling Church Rd. (SR 1576)
 SUBDIVISION _____ LOT # 4R
 Facility Type: 2BR SFD New Expansion Repair
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** 25% Reduction System (Initial) Wastewater Flow: 240 GPD
 (See note below, if applicable)
25% Reduction System (Repair)

Installation Requirements/Conditions

Septic Tank Size <u>900 (MIN)</u> gallons	Number of trenches <u>2</u>	Exact length of each trench <u>70</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>24-28</u> inches (Trench bottoms shall be level to +1-1/4" in all directions)	Soil Cover: <u>12-16</u> inches (Maximum soil cover shall not exceed 36" above the trench bottom)	
Pump Requirements: _____ ft. TDH vs. _____ GPM		Aggregate Depth: _____ inches below pipe	_____ inches above pipe
Conditions: <u>2 Bedroom (240 gal/day) state minimum</u>		_____ 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: [Signature] Date: 12-20-16
[Signature] Construction Authorization Expiration Date: 12-20-21

HTE# 16-5-40304

Permit # 29287

Harnett County Department of Public Health Site Sketch

PROPERTY LOCATOR: Kipling Church Rd. (Soc 1576)

ISSUED TO: TDT Construction Inc

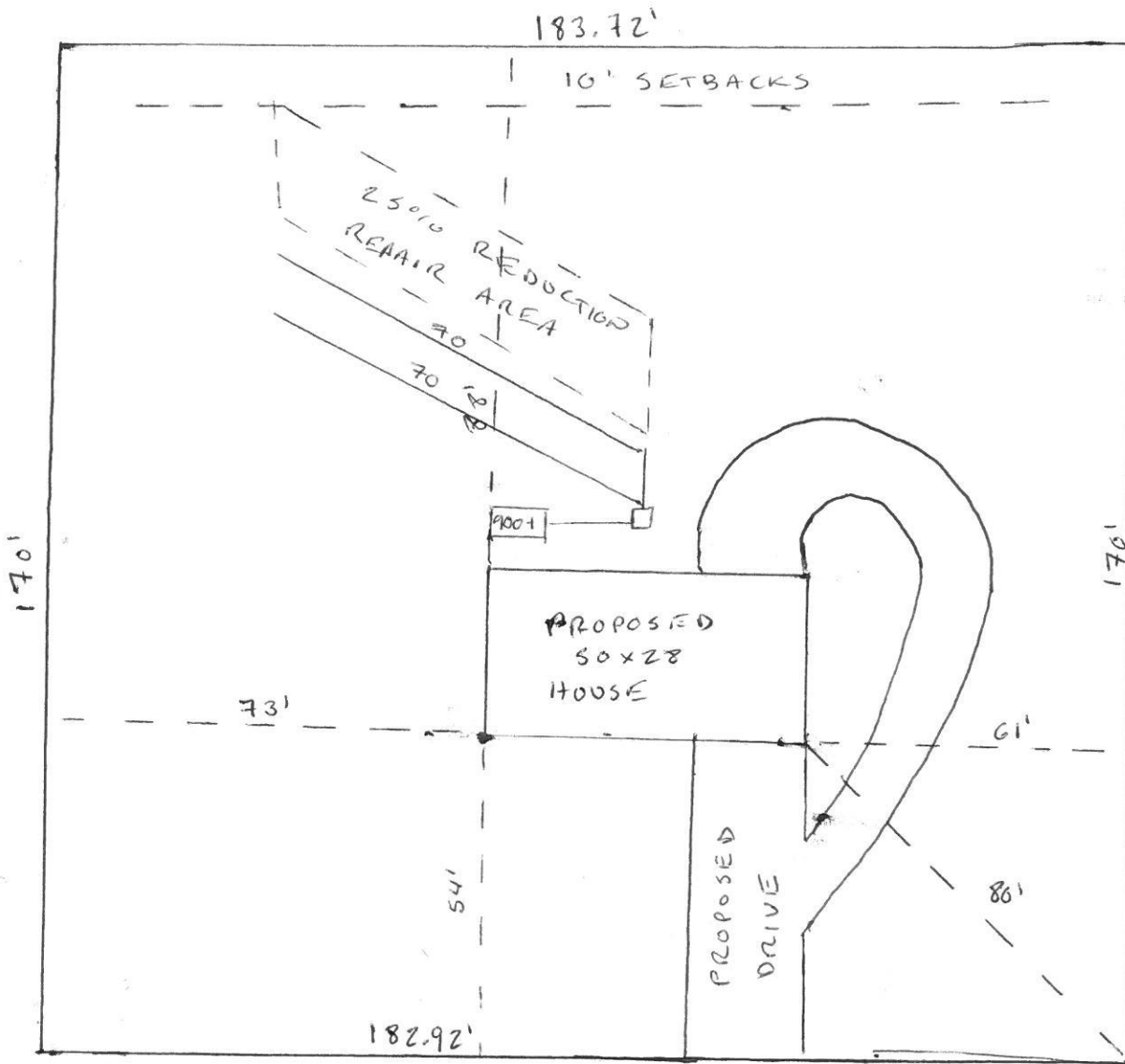
SUBDIVISION

LOT # 4R

Authorized State Agent: James E. Markham, PE, REHS

Date: 12-20-16

James E. Markham, PE, REHS - I



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

Owner: *Connie Bubb* Applicant: *TOT Construction Inc.*
 Address: *Lot 4R E. Hwy 100* Date Evaluated: *12/16/16*
 Proposed Facility: *BK SFD* Design Flow (.1949): *240 gal/day* Property Size: *0.73 Ac.*
 Location of Site: *E. Hwy 100* Property Recorded: *2013*
 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-10%	0-22	Gr./SL	Fr. SSSP SExp					S
		22-48	SL/SCL	R: S P SExp		48+			0.45
3	L-10%	0-20	Gr./SL	Fr. SSSP SExp					PS
		20-44	BK/SCL	R: S P SExp	7.5% R ² / ₁ @44	44+			0.45
4	L-10%	0-16	Gr./SL	Fr. SSSP SExp					PS
		16-42	DK. SCL	R: S P SExp	7.5% R ² / ₁ @42	42+			0.45

Description	Initial System	Repair System	Other Factors (.1946): <i>None</i>
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Site Classification (.1948): <i>Provisionally suitable</i>
System Type(s)	<i>25% red</i>	<i>25% red</i>	Evaluated By: <i>Andrew Curran, RETS-I</i>
Site LTAR	<i>0.45</i>	<i>0.45</i>	Others Present: <i>TOMES Manheff, RETS</i>