

HTE# 17-5-42637

Harnett County Department of Public Health

29758

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

PROPERTY LOCATION: 757 Lennie Smith Rd. (Sn 1428)

ISSUED TO: T² Farms LLC

SUBDIVISION _____ LOT # _____

NEW REPAIR EXPANSION

Site Improvements required prior to Construction Authorization Issuance: _____

Type of Structure: 30' x 100' Office

Proposed Wastewater System Type: Conv. Gravel Sys.

Projected Daily Flow: 200 GPD 8 Employee Max

Number of bedrooms: NA Number of Occupants: NA 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: [Signature]

Date: 11/16/2017

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: T² Farms LLC

PROPERTY LOCATION: 757 Lennie Smith Rd. (Sn 1428)

SUBDIVISION _____ LOT # _____

Facility Type: 30' x 100' Office New Expansion Repair 8 Employees MAX

Basement? Yes No Basement Fixtures? Yes No

Type of Wastewater System** Conv. Gravel Sys. (Initial) Wastewater Flow: 200 GPD

(See note below, if applicable)

Conv. Gravel Sys. (Repair)

Installation Requirements/Conditions

Septic Tank Size 1600 gallons

Number of trenches 3

Exact length of each trench 80 feet

Trench Spacing: 9 Feet on Center

Pump Tank Size _____ gallons

Trenches shall be installed on contour at a

Soil Cover: 12 inches

Maximum Trench Depth of: 24 inches

(Maximum soil cover shall not exceed

(Trench bottoms shall be level to +1-1/4"

36" above the trench bottom)

in all directions)

Pump Requirements: _____ ft. TDH vs. _____ GPM

8 inches below pipe

Aggregate Depth: 3 inches above pipe

Conditions: _____

12 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: 11/16/2017

Construction Authorization Expiration Date: 11/16/2022

HTE# 17-5-42637

Permit # 29758

Harnett County Department of Public Health Site Sketch

ISSUED TO: Ta Farms LLC

PROPERTY LOCATOR: 757 Lennie Smith Rd (SR 1428)

SUBDIVISION _____

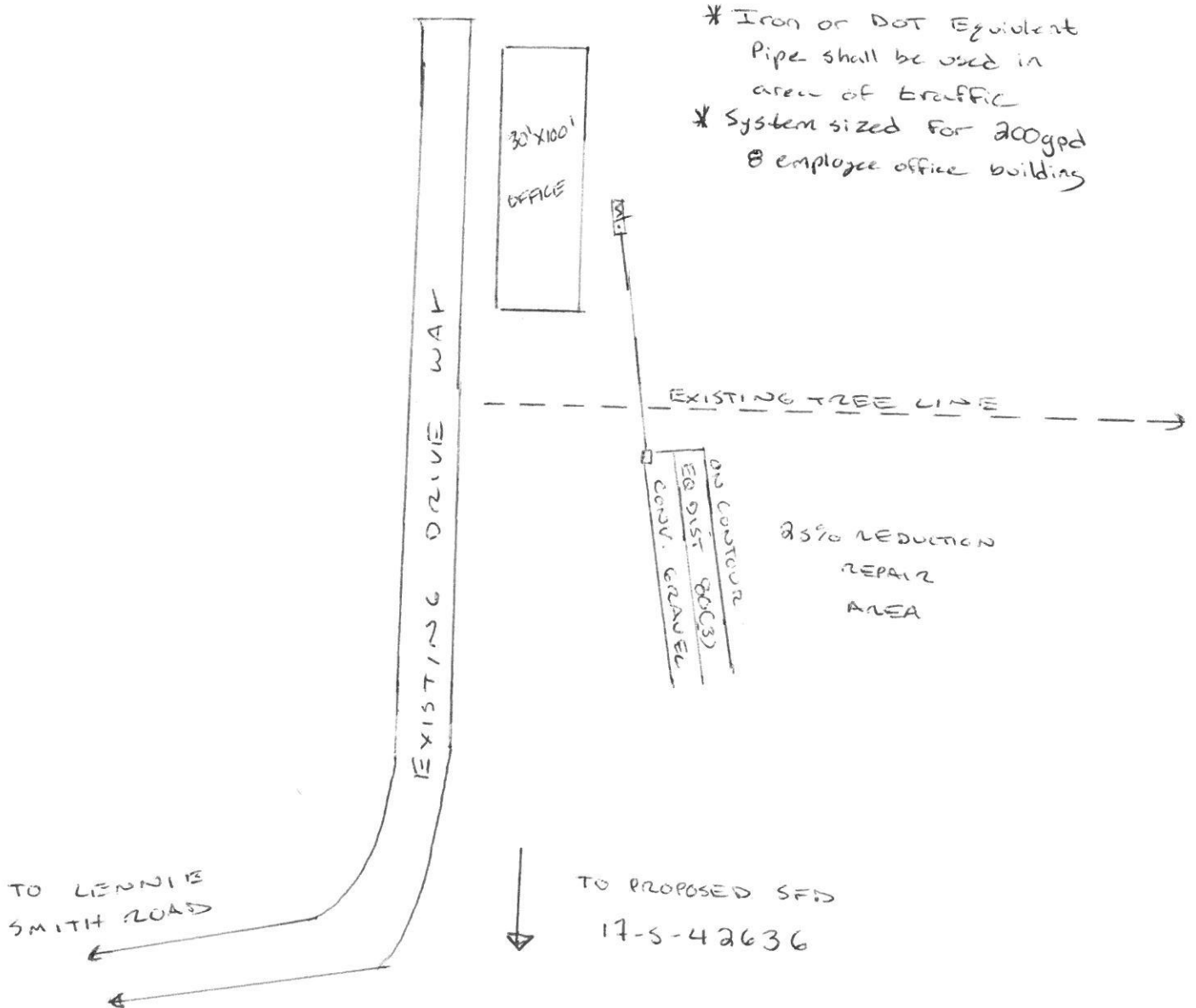
LOT # _____

Authorized State Agent: _____

Andrew Curran
ANDREW CURRAN

Date: 11/16/2017

PROPOSED
50' x 100'
POLE BARN



- * Iron or DOT Equivalent Pipe shall be used in area of traffic
- * System sized for 200gpd @ employee office building

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

Owner: Applicant: TA Farms LLC
 Address: Leone Smith Rd. Date Evaluated: 11/11/17
 Proposed Facility: Office Design Flow (.1949): 200 GPD Property Size: 5.57
 Location of Site: Property Recorded: Yes
 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 1%	0-14	GR LS	VLR SSP 4exp					PS
4		14-48	BK SL	FI S 1 exp		48			0.3
3	L 1%	0-13	GR LS	VLR 4H 4exp					PS
		12-38	BK SL	FI S 1 exp		38			0.3
		38	Rock	-	-				
* Soil Wetness present 16"-20" along transition but NOT CA wetness									

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)			Site Classification (.1948): <u>Provisionally Suitable</u>
System Type(s)	<u>2570</u>	<u>2570</u>	Evaluated By: <u>Andre Curran, NESH</u>
Site LTAR	<u>0.3</u>	<u>0.3</u>	Others Present: