

Harnett County Department of Public Health Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: Leon Jesus Macias PROPERTY LOCATION: 61 Thorntons Creek Dr. (Old Stage Rd. S.)
 SUBDIVISION Thorntons Creek LOT # 2
 NEW REPAIR EXPANSION
 Type of Structure: 56.5x48 (3BED/2BATH) WITH G/ 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: No expiration

Authorized State Agent: [Signature] Date: 08/18/2020 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: Leon Jesus Macias PROPERTY LOCATION: 61 Thorntons Creek Dr. (Old Stage Rd.)
 SUBDIVISION Thorntons Creek LOT # 2
 Facility Type: 56.5x48 (3BED/2BATH) V New Expansion Repair
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** At-Grade 25% Reduction System (Initial) Wastewater Flow: 360 GPD
 (See note below, if applicable
At-Grade 25% Reduction (Repair)

Installation Requirements/Conditions	Number of trenches <u>2</u>	
Septic Tank Size <u>1000</u> gallons	Exact length of each trench <u>115</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>12-18</u> inches (Trench bottoms shall be level to +/-1/4" in all directions)	Soil Cover: <u>6</u> inches (Maximum soil cover shall not exceed 36" above the trench bottom)
Pump Requirements: _____ ft. TDH vs. _____ GPM		<u>NA</u> inches below pipe Aggregate Depth: <u>NA</u> inches above pipe <u>NA</u> inches total

Conditions: Pump to D-Box; Proposal by Adams Soil Consulting

**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: 08/18/2020
Andrew Curran Construction Authorization Expiration Date: 08/18/2025

Harnett County Department of Public Health Site Sketch

Property Location: 61 Thorntons Creek Dr. (Old Stage Rd. S. - SR 1769)

Issued To: Leon Jesus Macias

Subdivision: Thorntons Creek

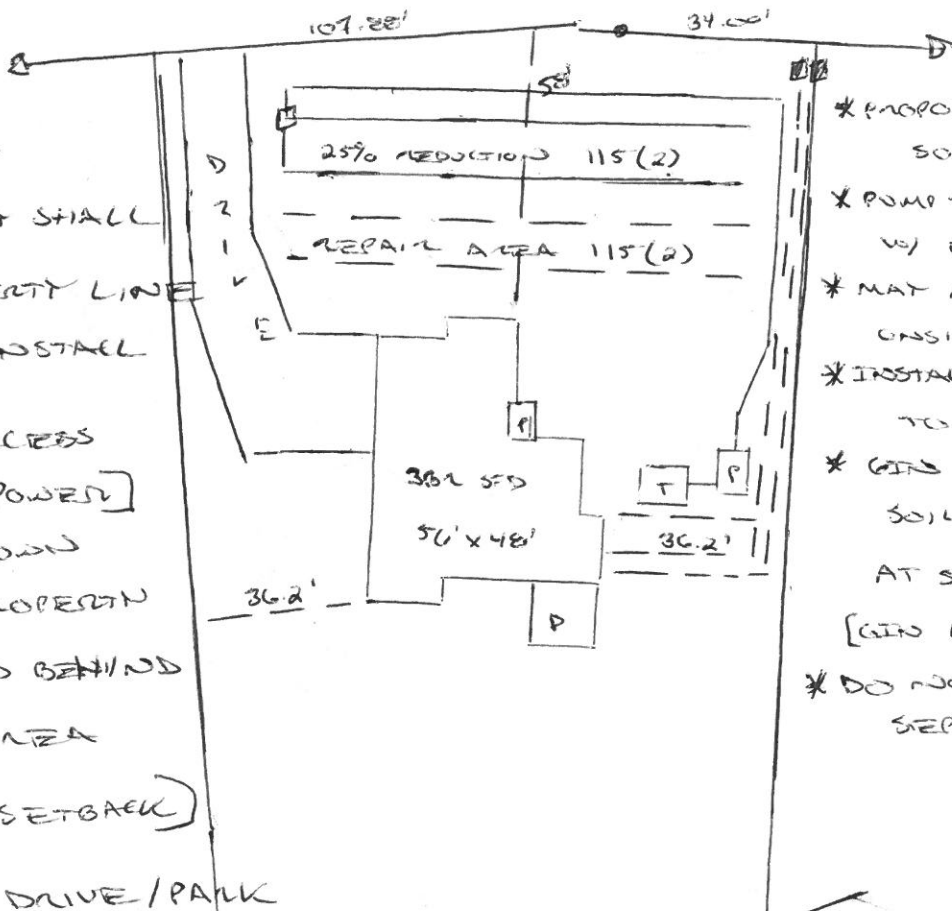
Lot # 2

Authorized State Agent:

[Signature]
ANDREW CURRIN

Date: 08/18/2020

THORNTONS CREEK DR.



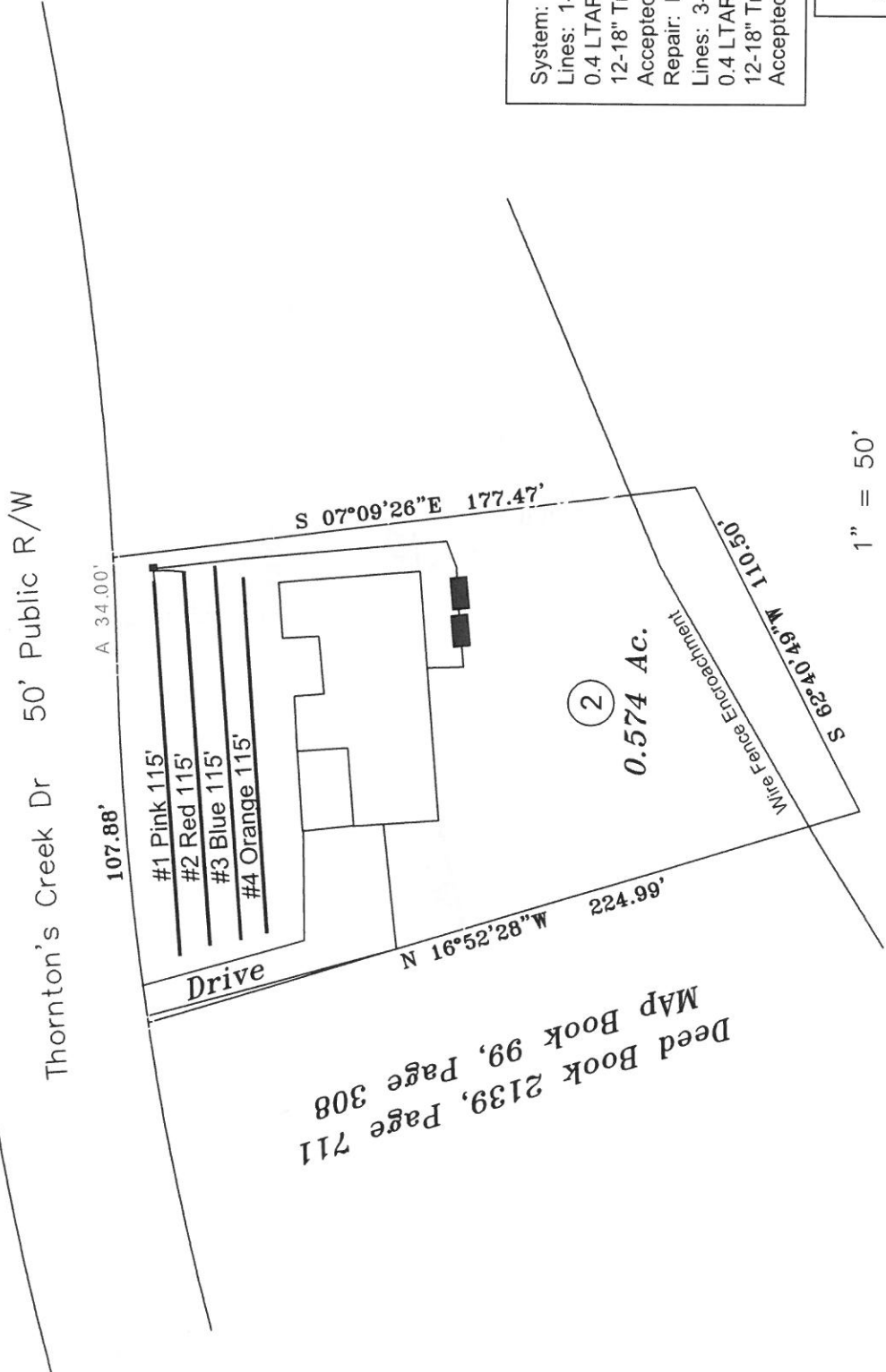
NOTE :

- 1) DRIVEWAY SHALL HUG PROPERTY LINE TO FIT INSTALL
- 2) UTILITY ACCESS [WATER/POWER] SHALL BE DOWN EITHER PROPERTY LINE AND BEHIND SEPTIC AREA [10 FT H2O SETBACK]
- 3) DO NOT DRIVE/PARK SERVICE EQUIPMENT ON FRONT SEPTIC AREA

- * PROPOSAL BY ADAMS SOIL CONSULTING
- * PUMP TO MEDIUM D-BOX w/ EQUAL LINES
- * MAY REQUIRE TO MEET ON-SITE PRE-INSTALL
- * INSTALL DEEP (18IN) TO SHALLOW (12IN)
- * GIN IMPORTED APPROVED SOIL COVER REQUIRED AT SHALLOW END [GIN COVER REQUIRED]
- * DO NOT DRIVE ON SEPTIC AREA

This drawing is for illustrative purposes only. System installation must meet all pertinent laws, rules, and regulations.

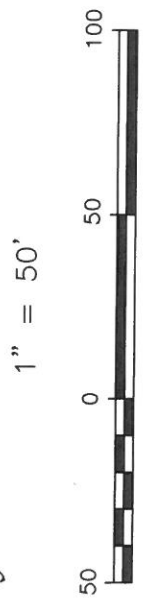
Thornton's Creek 3-Bedroom Septic Proposal Lot #2



Deed Book 2139, Page 711
Map Book 99, Page 308

System: Pump to D-Box
 Lines: 1-2 (230')
 0.4 LTAR
 12-18" Trench Bottom
 Accepted Status System
 Repair: Pump to D-Box
 Lines: 3-4 (230')
 0.4 LTAR
 12-18" Trench Bottom
 Accepted Status System

Soil Consulting
 919-414-6761
 Job #911



Thornton's Creek

Lot #2

3-Bedroom Home (360 gal./day)

<u>LINE #</u>	<u>COLOR</u>	<u>BS</u>	<u>HI</u>	<u>FS</u>	<u>ELEVATION</u>	<u>LINE LENGTH</u>	<u>Design Length</u>
TBM		3.0		100.0		<u>in field</u>	<u>installation</u>
INST. 1			103.0				
1	Pink			3.2	99.8	115	115
2	Red			3.5	99.5	115	115
3	Blue			3.8	99.2	115	115
4	Orange			4.2	98.8	115	115

System

Repair

Lines 1-2

Lines 6-10

System Type

Accepted Status System

Accepted Status System

EZ-FLOW

EZ-FLOW

Suggested Soil LTAR

0.350

0.350

Total Line Length

260

260

Square Footage

780

780

Proposed Trench Bottom

12-18"

12-18"

Distribution Method

Pump to D-Box

Pump to D-Box

*Septic system will require ~6" of county approved fill material