

# Harnett County Department of Public Health Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: LGJ Homes LLC  
NEW  REPAIR  EXPANSION   
Type of Structure: 4-Bedroom 40'x40' SFD  
Proposed Wastewater System Type: 25% reduction sys.  
Projected Daily Flow: 480 GPD  
Number of bedrooms: 4 Number of Occupants: 8 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 conditions: \_\_\_\_\_

PROPERTY LOCATION: 105 Old Head Way (Chalyhente Road)  
SUBDIVISION: Avery Pond LOT # 83  
Site Improvements required prior to Construction Authorization Issuance: \_\_\_\_\_

Authorized State Agent: [Signature] Date: 12/13/2019 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: LGJ Homes LLC  
Facility Type: 4-BR 40'x40' SFD  New  Expansion  Repair  
Basement?  Yes  No Basement Fixtures?  Yes  No  
Type of Wastewater System\*\* 25% reduction system (Initial) Wastewater Flow: 480 GPD  
(See note below, if applicable )

PROPERTY LOCATION: 105 Old Head Way (Chalyhente Road)  
SUBDIVISION: Avery Pond LOT # 83

At-Grade 25% red. sys. (Repair)  
Installation Requirements/Conditions  
Number of trenches 4  
Septic Tank Size 1000 gallons Exact length of each trench 75 feet Trench Spacing: 9 Feet on Center  
Pump Tank Size \_\_\_\_\_ gallons Trenches shall be installed on contour at a Soil Cover: 8 inches  
Maximum Trench Depth of: 20 inches (Maximum soil cover shall not exceed 36" above the trench bottom)  
(Trench bottoms shall be level to +/-1/4" in all directions)  
Pump Requirements: \_\_\_\_\_ ft. TDH vs. \_\_\_\_\_ GPM Aggregate Depth: NA inches below pipe  
Conditions: Gravity to D-Box Distribution; Proposal by Adams Soil Cons. NA inches above pipe  
NA 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

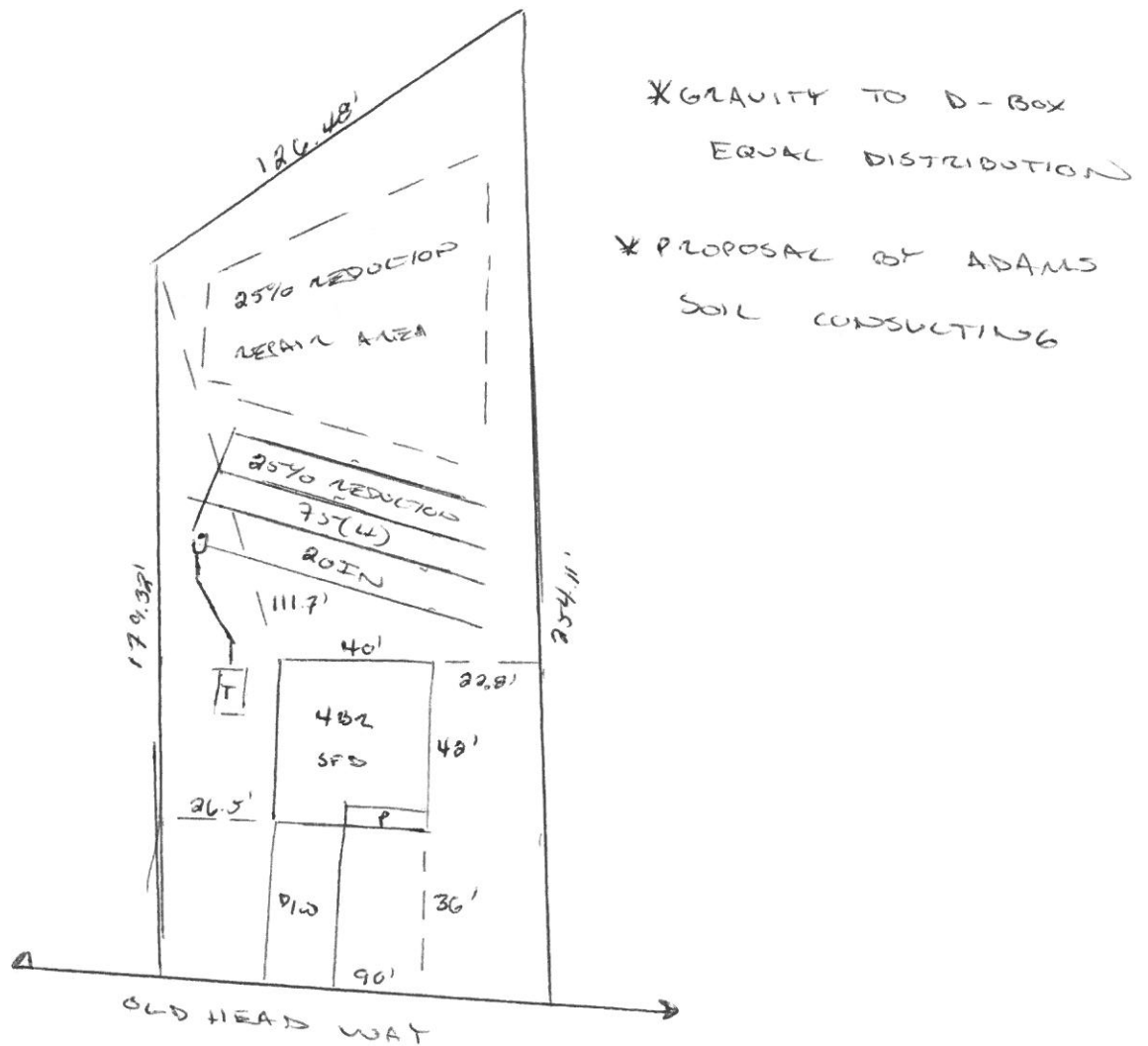
Authorized State Agent: [Signature] Date: 12/13/2019  
Andrew Curran Construction Authorization Expiration Date: 12/13/2024

Application # SFD1912-0004

## Harnett County Department of Public Health Site Sketch

Property Location: 105 Old Head Way (Chalybrate Road - SR 1412)  
Issued To: LBI Homes LLC Subdivision Avery Pond Lot # 83

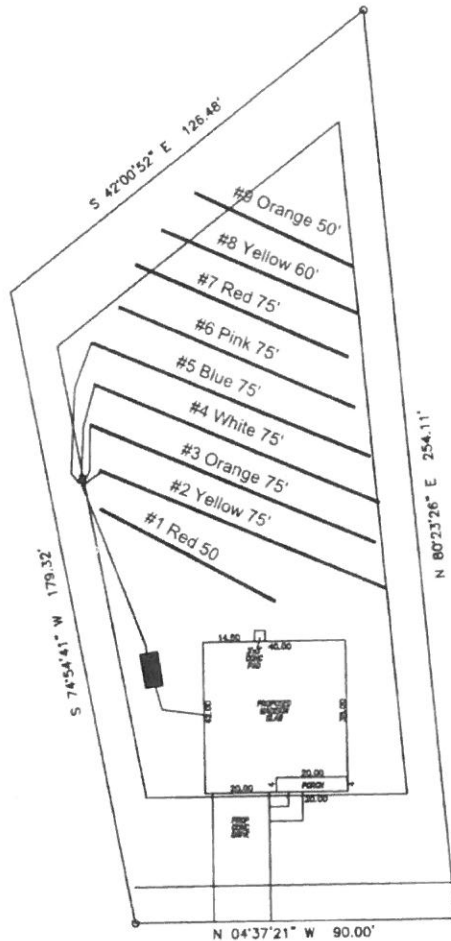
Authorized State Agent: *Andrew Curran* Date: 12/13/2019  
ANDREW CURRAN



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

# Avery Pond 4-Bedroom Septic Proposal Lot #83

83



Old Head Way

System: Gravity D-Box  
 Lines: 2-5 (300')  
 0.4 LTAR  
 20" Trench Bottom  
 Accepted Status System  
 Repair: Pressure Manifold  
 Lines: 1, 6-9 (300')  
 0.4 LTAR  
 12" Trench Bottom  
 Accepted Status System

GRAPHIC SCALE  
 1" = 50'



Adams  
 Soil Consulting  
 919-414-6761  
 Job #708

**Avery Pond**

**Lot #83**

4-Bedroom Home (480 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		2.0		100.0		<u>in field</u>	<u>installation</u>
INST. 1			102.0				
1	Red			3.6	98.4	57	50
2	Yellow			3.9	98.1	87	75
3	Orange			4.1	97.9	90	75
4	White			4.3	97.7	91	75
5	Blue			4.6	97.4	88	75
6	Pink			4.9	97.1	85	75
7	Red			5.3	96.7	75	75
8	Yellow			5.7	96.3	60	60
9	Orange			6.2	95.8	50	50

	<u>System</u>	<u>Repair</u>
	Lines 2-5	Lines 1, 6-9
<b>System Type</b>	Accepted Status System EZ-FLOW	Accepted Status System EZ-FLOW
Suggested Soil LTAR	0.40	0.40
<b>Total Line Length</b>	300	310
<b>Square Footage</b>	900	930
<b>Proposed Trench Bottom</b>	20"	12"
<b>Distribution Method</b>	Gravity to D-Box	Pressure Manifold