

# Harnett County Department of Public Health

## Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: LGJ Homes LLC PROPERTY LOCATION: 152 Old Head Way (Chalybeate Road) SN 1412  
 SUBDIVISION: Avery Pond LOT # 91  
 NEW  REPAIR  EXPANSION   
 Type of Structure: 3-Bedroom 30'x41' SFD  
 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  No expiration  
 Permit conditions: \_\_\_\_\_

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 PROPERTY LOCATION: 152 Old Head Way (Chalybeate Road) SN 1412  
 SUBDIVISION: Avery Pond LOT # 91  
 Facility Type: 3-BR 30'x41' SFD  New  Expansion  Repair  
 Basement?  Yes  No Basement Fixtures?  Yes  No  
 Type of Wastewater System\*\* 25% reduction system (Initial) Wastewater Flow: 360 GPD  
 (See note below, if applicable )  
25% reduction sys. (Repair)

**Installation Requirements/Conditions**

Septic Tank Size <u>1600</u> gallons	Number of trenches <u>3</u>	Exact length of each trench <u>75</u> feet	Trench Spacing: <u>9</u> Feet on Center
Pump Tank Size _____ gallons	Trenches shall be installed on <u>contour</u> at a <u>2%</u> slope	Maximum Trench Depth of: <u>24</u> inches	Soil Cover: <u>12</u> inches
	(Trench bottoms shall be level to <u>+/- 1/4"</u> in all directions)	(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  
 \_\_\_\_\_ inches total

Conditions: Gravity to D-Box Equal Distribution 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

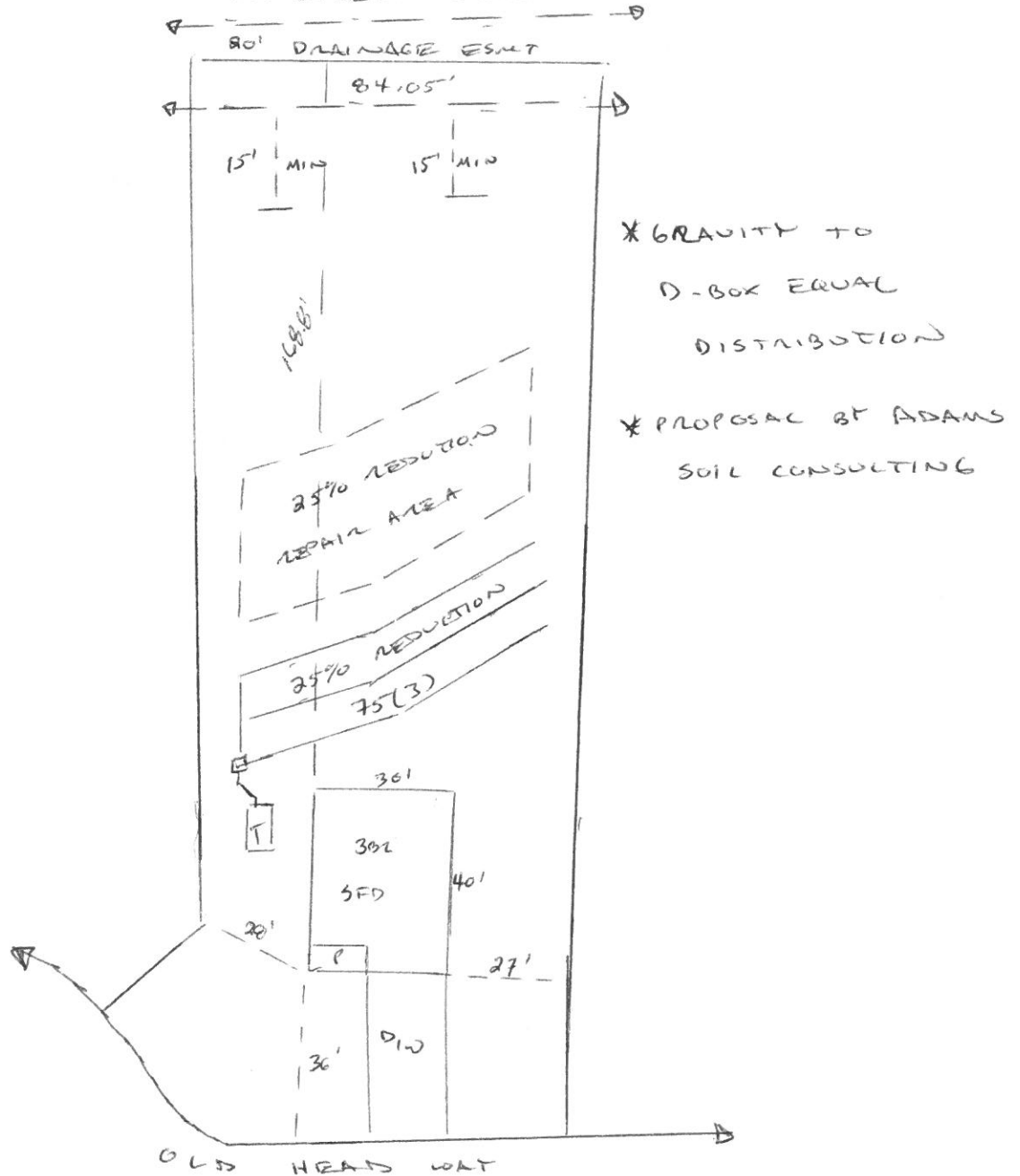
Authorized State Agent: [Signature] Date: 12/13/2019  
ANDREW CORNIN Construction Authorization Expiration Date: 12/13/2024

Application # SFD1911-0038

## Harnett County Department of Public Health Site Sketch

Property Location: 152 Old Head Way (Chalyhote Rd. 321412)  
Issued To: LGI HOMES LLC Subdivision Avery Pond Lot # 91

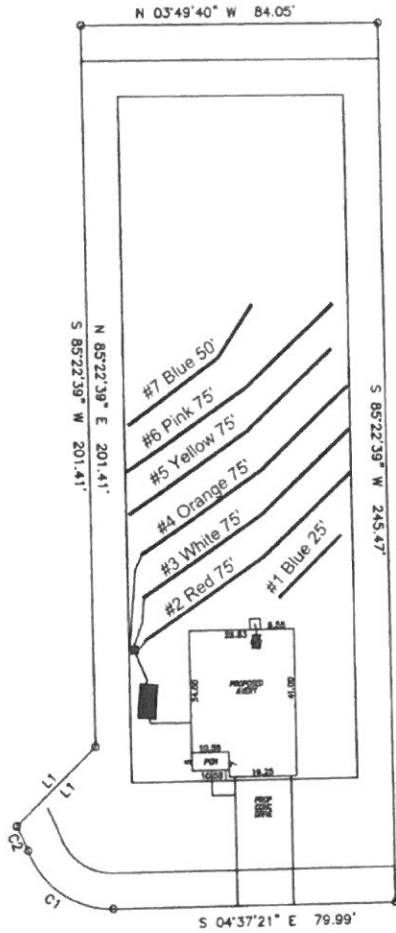
Authorized State Agent: *Andrew Curran* Date: 12/13/2019  
ANDREW CURRAN



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

# Avery Pond 3-Bedroom Septic Proposal Lot #91

91



Old Head Way

System: Gravity D-Box  
 Lines: 2-4 (225')  
 0.4 LTAR  
 24" Trench Bottom  
 Accepted Status System  
 Repair: Serial Distribution  
 Lines: 1, 5-7 (225')  
 0.4 LTAR  
 18" Trench Bottom  
 Accepted Status System

GRAPHIC SCALE  
 1" = 50'



Adams  
 Soil Consulting  
 919-414-6761  
 Job #708

*Avery Pond*

*Lot #91*

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		2.0		100.0		<u>in field</u>	<u>installation</u>
INST. 1			102.0				
1	Blue			0.7	102	35	25
2	Red			1.4	101.3	87	75
3	White			1.9	100.6	88	75
4	Orange			2.4	100.1	88	75
5	Yellow			3	99.6	88	75
6	Pink			3.4	99	75	75
7	Blue			3.8	98.6	50	50
					<i>Total</i>	<i>511</i>	<i>450</i>

	<u>System</u>	<u>Repair</u>
	Lines 3-5	Lines 1, 5-7
<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>	225	225
<b>Square Footage</b>	675	675
<b>Proposed Trench Bottom</b>	18"	18"
<b>Distribution Method</b>	Gravity to D-Box	Serial Distribution