

## Harnett County Department of Public Health Improvement Permit

A building permit cannot be issued with only an Improvement Permit

521425

ISSUED TO: LGI HOMES NC LLC PROPERTY LOCATION: 857 AVERY POND DR. (CHALBEATE RD)  
 SUBDIVISION: AVERY POND LOT # 135

NEW  REPAIR  EXPANSION  Site Improvements required prior to Construction Authorization Issuance: \_\_\_\_\_

Type of Structure: 3-BEDROOM 40'x40' STD

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 conditions: \_\_\_\_\_ Permit valid for:  Five years  No expiration

Authorized State Agent: [Signature] Date: 03/30/2020 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.

521425

ISSUED TO: LGI HOMES NC LLC PROPERTY LOCATION: 857 AVERY POND DR. (CHALBEATE RD)  
 SUBDIVISION: AVERY POND LOT # 135

Facility Type: 392 40'x40' STD  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>1000</u> gallons	Number of trenches <u>4</u>	Trench Spacing: <u>9</u> Feet on Center
Pump Tank Size _____ gallons	Exact length of each trench <u>60</u> feet	Soil Cover: <u>12</u> inches
	Trenches shall be installed on contour at a Maximum Trench Depth of: <u>24</u> inches (Trench bottoms shall be level to +/-1/4" in all directions)	(Maximum soil cover shall not exceed 36" above the trench bottom)
Pump Requirements: _____ ft. TDH vs. _____ GPM		Aggregate Depth: <u>NA</u> inches below pipe <u>NA</u> inches above pipe <u>NA</u> inches total
Conditions: <u>GRAVITY TO D-Box EQUAL DISTRIBUTION</u>		

**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: 03/30/2020  
ANDREW CURRAN Construction Authorization Expiration Date: 03/30/2025

Application # SFD 2003-0037

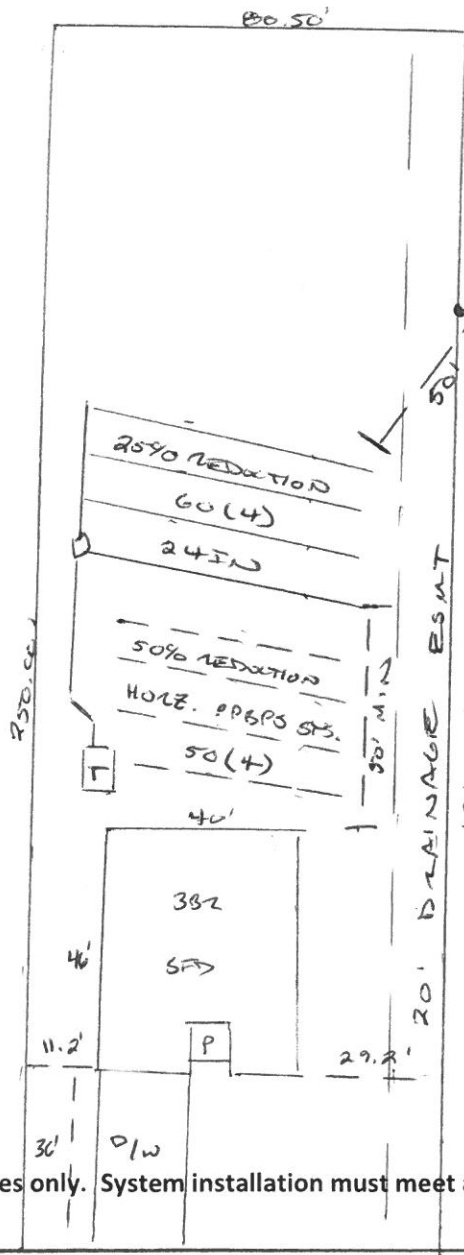
# Harnett County Department of Public Health Site Sketch

Property Location: 251 AVERY POND DR. (CHALBEATE RD - S21429)

Issued To: LEI HOMES LLC Subdivision AVERY POND Lot # 135

Authorized State Agent: *Andrew Curran* Date: 03/30/2020  
ANDREW CURRAN

\*SOFT MIN SETBACK\*  
OFF BACK NIGHT  
COWER OF SFD  
TO END LINE 1



RETENTION POND

\*GRAVITY TO D-BOX  
EQUAL DISTRIBUTION

\*PROPOSAL BY ADAMS  
SOIL CONSULTING

\*SOFT SETBACK MIN  
OFF HIGH WATER  
LINE OF RETENTION POND

\*ULTRA SHALLOW 50%  
HORIZONTAL PPBPS  
REPAIR AREA

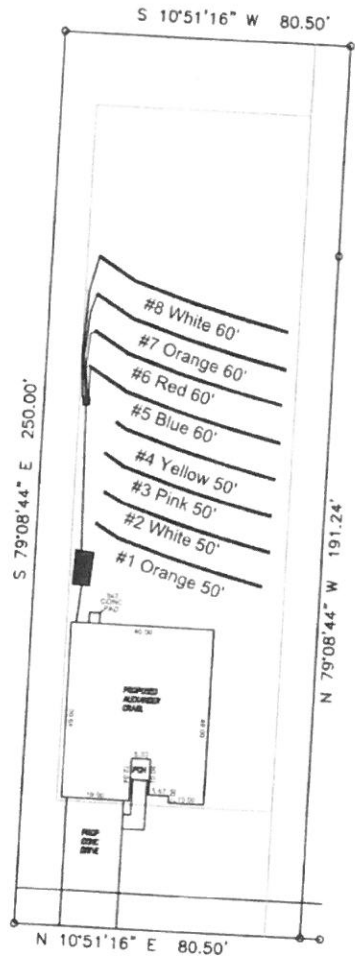
\*INITIAL SYS. SHALL  
BE SOFT MIN OFF  
BACK NIGHT COWER  
OF SFD

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

AVERY POND DR.

# Avery Pond 3-Bedroom Septic Proposal Lot #135

135



System: Gravity D-Box  
 Lines: 5-8 (240')  
 0.4 LTAR  
 24" Trench Bottom  
 Accepted Status System  
 Repair: Gravity to D-Box  
 Lines: 1-4 (200')  
 0.3 LTAR  
 15" Trench Bottom  
 T&J Panel - 50% Reduction

Avery Pond Drive

GRAPHIC SCALE  
 1" = 50'



Adams  
 Soil Consulting  
 919-414-6761  
 Job #708

*Avery Pond*

*Lot #135*

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	Orange			5.5	96.5	60	50
2	White			6	96	61	50
3	Pink			6.7	95.3	63	50
4	Yellow			7.2	94.8	64	50
5	Blue			7.8	94.2	65	60
6	Red			8.2	93.8	65	60
7	Orange			8.7	93.3	65	60
8	White			9.3	92.7	60	60
Total						503	440

	<u>System</u>	<u>Repair</u>
	Lines 5-8	Lines 1-4
<b>System Type</b>	Accepted Status System	50% Reduction System
	EZ-FLOW	T&J Panel
<b>Suggested Soil LTAR</b>	0.40	0.30
<b>Total Line Length</b>	240	240
<b>Square Footage</b>	720	720
<b>Proposed Trench Bottom</b>	24"	15"
<b>Distribution Method</b>	Gravity to D-Box	Gravity to D-Box