

HTE# SFD1902-0011

# Harnett County Department of Public Health

30473

## Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: LGI Homes NC LLC  
 NEW  REPAIR  EXPANSION   
 Type of Structure: 3BR 27'10" x 45'6" SFD  
 Proposed Wastewater System Type: 25% Reduction  
 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: \_\_\_\_\_

PROPERTY LOCATION: 372 Mineral Spring Ln. (Chalybeate Rd.) <sup>521429</sup>  
 SUBDIVISION Avery Pond LOT # 191  
 Site Improvements required prior to Construction Authorization Issuance: \_\_\_\_\_

Permit valid for:  Five years  
 No expiration

Authorized State Agent: [Signature] Date: 02/15/2019 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: LGI Homes NC LLC

PROPERTY LOCATION: 372 Mineral Spring Ln. (Chalybeate Rd.) <sup>521429</sup>  
 SUBDIVISION Avery Pond LOT # 191

Facility Type: 3BR 27'10" x 45'6" SFD  New  Expansion  Repair  
 Basement?  Yes  No Basement Fixtures?  Yes  No  
 Type of Wastewater System\*\* 25% Reduction Sys. (Initial) Wastewater Flow: 360 GPD  
 (See note below, if applicable  25% Reduction Sys. (Repair))

### Installation Requirements/Conditions

Septic Tank Size 1000 gallons  
 Pump Tank Size \_\_\_\_\_ gallons  
 Number of trenches 4  
 Exact length of each trench 60 feet  
 Trenches shall be installed on contour at a Maximum Trench Depth of: 24 inches (Trench bottoms shall be level to +/-1/4" in all directions)  
 Trench Spacing: 9 Feet on Center  
 Soil Cover: 12 inches (Maximum soil cover shall not exceed 36" above the trench bottom)  
 Pump Requirements: \_\_\_\_\_ ft. TDH vs. \_\_\_\_\_ GPM  
 Aggregate Depth: NA inches below pipe  
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: 02/15/2019  
Andrew Curran Construction Authorization Expiration Date: 02/15/2024

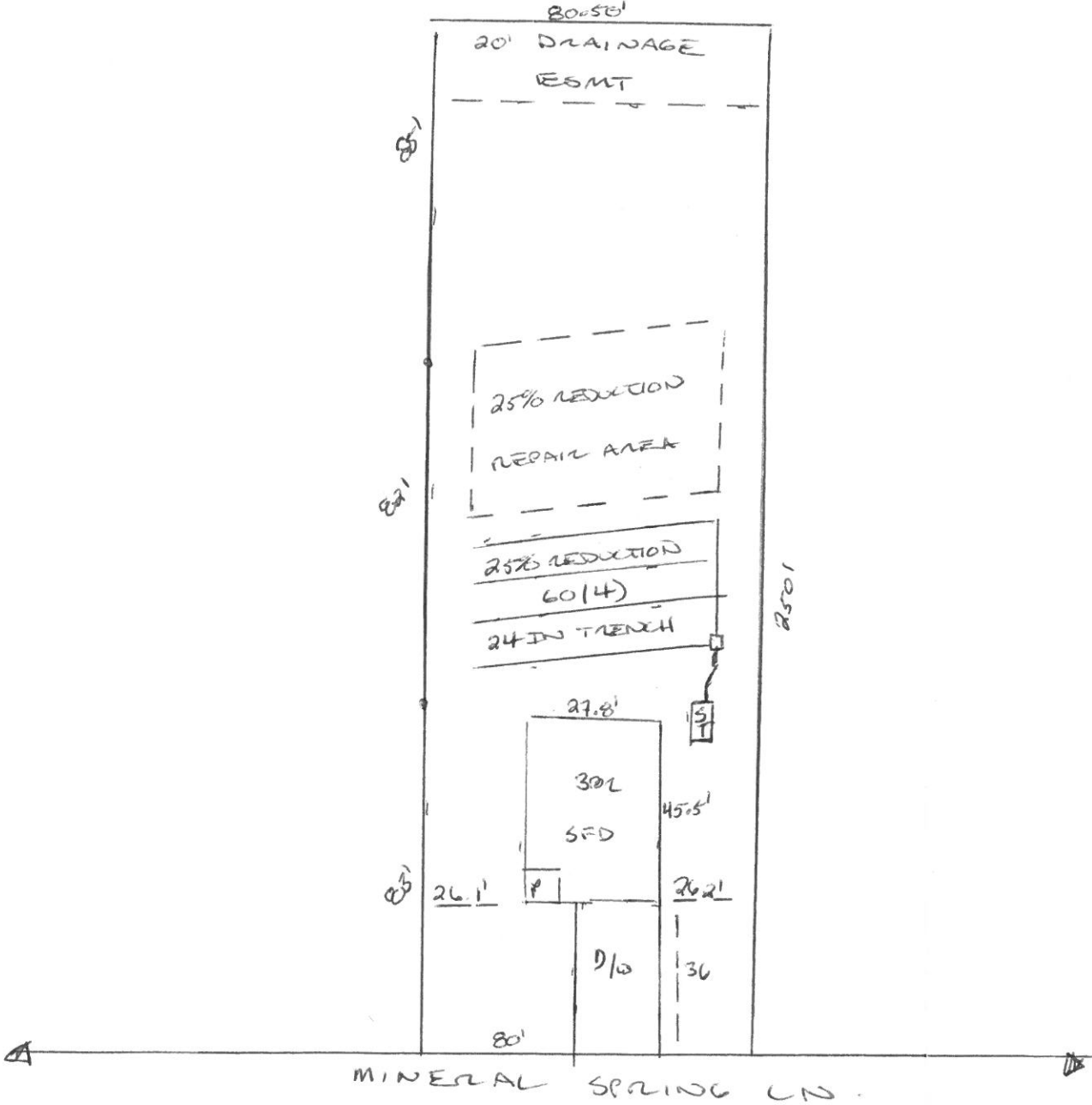
HTE# SFD 1902-0011

Permit # 30473

# Harnett County Department of Public Health Site Sketch

ISSUED TO: LGT HOMES NC LLC SUBDIVISION: Avery Pond LOT # 191  
PROPERTY LOCATOR: 372 Mineral Spring Ln (Cherrywood Rd.) <sup>521429</sup>

Authorized State Agent: Andrew Curran Date: 02/15/2019  
ANDREW CURRAN



**Avery Pond**

**Lot #191**

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	Yellow			3.3	98.7	60	60
2	Red			3.5	98.5	60	60
3	White			3.8	98.2	60	60
4	Blue			4.2	97.8	60	60
5	Orange			4.5	97.8	60	60
6	Pink			4.8	97.5	60	60
7	Yellow			5.2	97.2	60	60
8	Red			5.5	96.8	60	60
Total						420	420

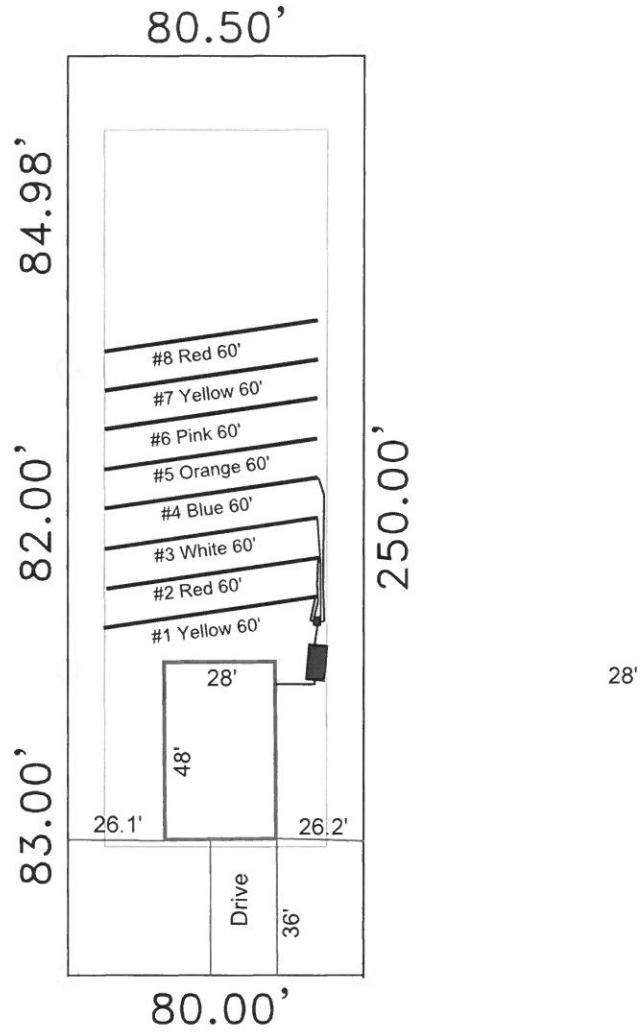
	<u>System</u> Lines 1-4	<u>Repair</u> Lines 5-7
<b>System Type</b>	Accepted Status System EZ-FLOW	Accepted Status System EZ-FLOW
Suggested Soil LTAR	0.40	0.40
<b>Total Line Length</b>	240	240
<b>Square Footage</b>	720	720
<b>Proposed Trench Bottom</b>	24"	24"
<b>Distribution Method</b>	Gravity to D-Box	Gravity to D-Box

# Avery Pond 3-Bedroom Septic Proposal Lot #191

191

0.46 AC.

System: Gravity D-Box  
 Lines: 1-4 (240')  
 0.4 LTAR  
 24" Trench Bottom  
 Accepted Status System  
 Repair: Gravity to D-Box  
 Lines: 5-8 (240')  
 0.4 LTAR  
 24" Trench Bottom  
 Accepted Status System



Mineral Spring Ln

GRAPHIC SCALE  
1" = 50'



Adams  
 Soil Consulting  
 919-414-6761  
 Job #708