

HTE# SFD 1902-0013

Harnett County Department of Public Health

30474

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

521429

ISSUED TO: LGI Homes NC LLC
 NEW REPAIR EXPANSION
 Type of Structure: 3BR 30'x41' SFD
 Proposed Wastewater System Type: 25% Reduction
 Projected Daily Flow: 366 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: 407 Mineral Spring Ln. (Chalybeate Rd)
 SUBDIVISION Avery Pond LOT # 102

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: SFD LGI Homes NC LLC

PROPERTY LOCATION: 407 Mineral Spring Ln. (Chalybeate Rd)
 SUBDIVISION Avery Pond LOT # 102

Facility Type: 3BR 30'x41' SFD New Expansion Repair
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** 25% Reduction System (Initial) Wastewater Flow: 366 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
 Trench Spacing: 9 Feet on Center
 Trenches shall be installed on contour at a
 Maximum Trench Depth of: 24 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
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 WAIN Construction Authorization Expiration Date: 02/15/2024

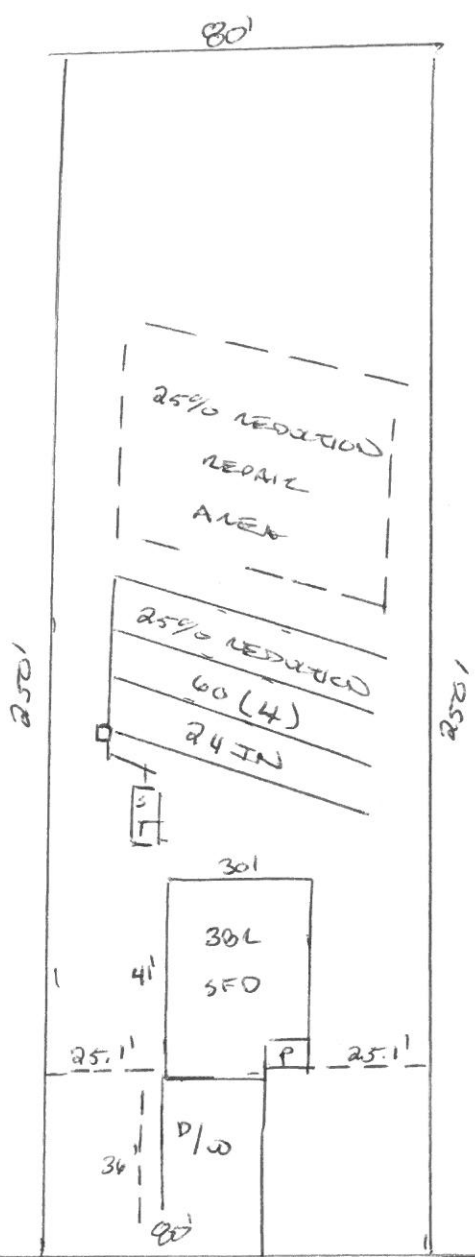
HTE# SFD1962-0013

Permit # 30474

Harnett County Department of Public Health Site Sketch

ISSUED TO: LGI Homes NC LLC PROPERTY LOCATOR: 407 Mineral Spring Ln. (Charlotte NC) ^{SN 1429}
SUBDIVISION: Avery Pond LOT # 102

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



MINERAL SPRING LANE

Avery Pond
Lot #102

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			3.2	98.8	60	60
2	White			3.4	98.6	60	60
3	Orange			3.5	98.5	60	60
4	Red			3.7	98.3	60	60
5	Pink			3.7	98.3	60	60
6	Blue			3.8	98.3	60	60
7	White			4	98.2	60	60
8	Orange			4.1	98	60	60
Total						480	480

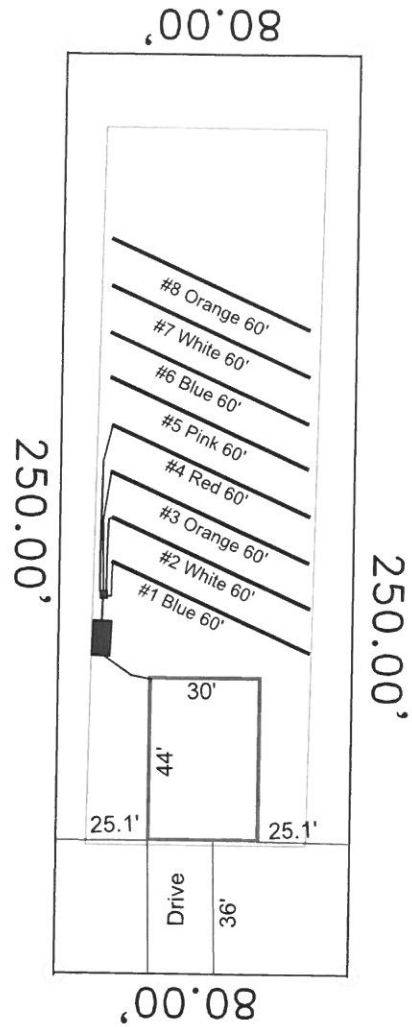
	<u>System</u>	<u>Repair</u>
	Lines 1-4	Lines 5-8
System Type	Accepted Status System EZ-FLOW	Accepted Status System EZ-FLOW
Suggested Soil LTAR	0.40	0.40
Total Line Length	240	240
Square Footage	720	720
Proposed Trench Bottom	18-24"	24"
Distribution Method	Gravity to D-Box	Gravity to D-Box

Avery Pond 3-Bedroom Septic Proposal Lot #102

102

0.459 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