

Harnett County Department of Public Health Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: LGI Homes - NC, LLC PROPERTY LOCATION: 435 Mineral Spring Ln. (Chalybeate Road - SR 1429)
 SUBDIVISION Avery Pond LOT # 104

NEW REPAIR EXPANSION Site Improvements required prior to Construction Authorization Issuance: _____
 Type of Structure: 3-Bedroom 30'x41' SFD Mono Slab
 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 _____ feet Permit valid for: Five years
 No expiration
 Permit conditions: _____

Authorized State Agent: [Signature] Date: 03/15/2019 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: 435 Mineral Spring Ln (Chalybeate Road - SR 1429)
 SUBDIVISION Avery Pond LOT # 104

Facility Type: 3-Bedroom 30'x41' SFD Mono Slab 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 System (Repair)

Installation Requirements/Conditions

Septic Tank Size <u>1000</u> gallons	Number of trenches <u>3</u>	Trench Spacing: <u>9</u> Feet on Center
Pump Tank Size _____ gallons	Exact length of each trench <u>75</u> feet	Soil Cover: <u>8-12</u> inches
	Trenches shall be installed on contour at a Maximum Trench Depth of: <u>20-24</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: NA inches below pipe
NA inches above pipe
NA inches total

Conditions: Gravity to D-Box; Septic 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: 03/15/2019
ANDREW CURRIN Construction Authorization Expiration Date: 03/15/2024

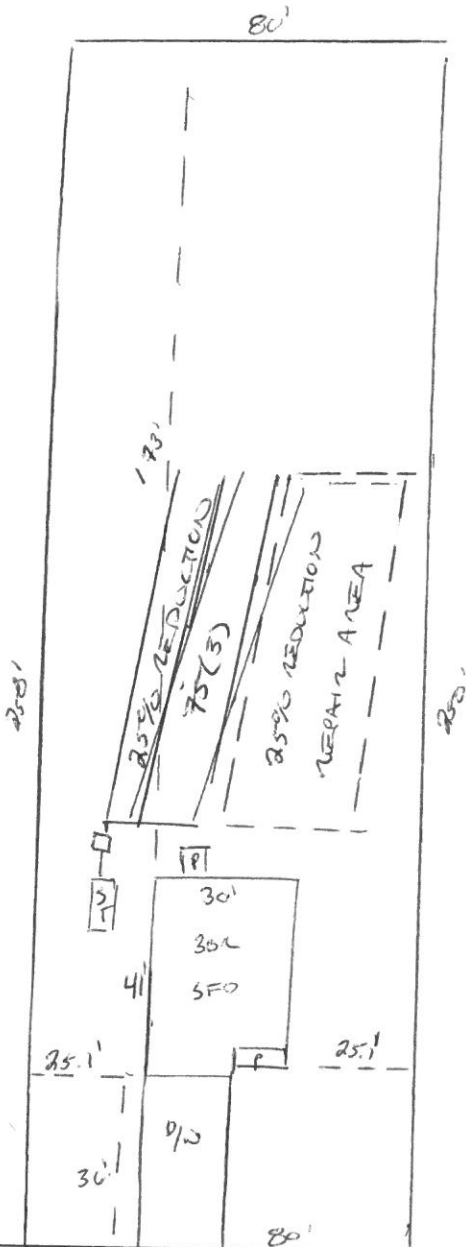
HTE# SFD1902-0054

Permit # NA

Harnett County Department of Public Health Site Sketch

ISSUED TO: LGI Homes - NC, LLC PROPERTY LOCATOR: 435 Mineral Springs Ln. (Condyke Rd.) ^{5/21429}
SUBDIVISION: Avery Pond LOT # 104

Authorized State Agent: *[Signature]* Date: 03/15/2019
ANDREW CURRIN



* 18-24 IN TRENCH
BOTTOM
* GRAVITY TO
D-BOX

MINERAL SPRING LN

Avery Pond
Lot #104

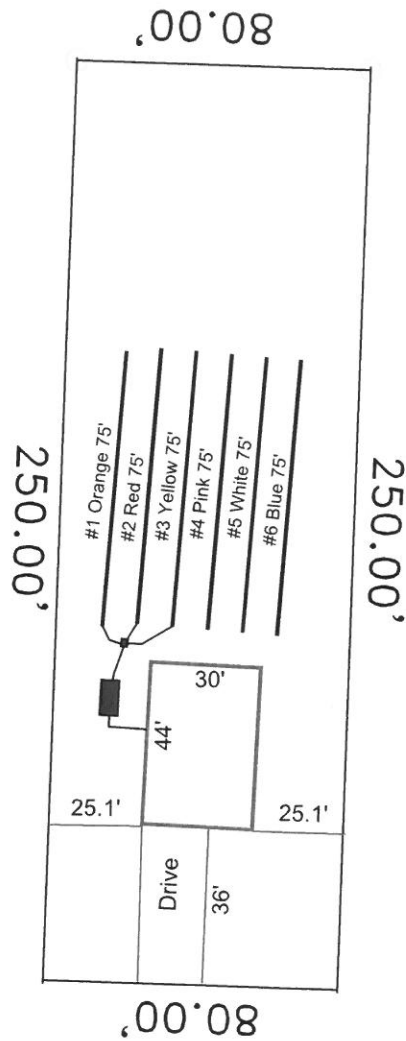
3-Bedroom Home (360 gal./day)

<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	<i>Orange</i>			2.8	99.2	75	75
2	<i>Red</i>			3	99	75	75
3	<i>Yellow</i>			3.1	98.9	75	75
4	<i>Pink</i>			3.2	98.8	75	75
5	<i>White</i>			3.3	98.7	75	75
6	<i>Blue</i>			3.4	98.6	75	75

	<u>System</u>	<u>Repair</u>
	Lines 1-3	Lines 4-6
System Type	Accepted Status System EZ-FLOW	Accepted Status System EZ-FLOW
Suggested Soil LTAR	0.40	0.40
Total Line Length	225	225
Square Footage	675	675
Proposed Trench Bottom	20-24"	20-24"
Distribution Method	Gravity to D-Box	Gravity to D-Box

Avery Pond 3-Bedroom Septic Proposal Lot #104

104
 0.459 AC.



MINERAL SPRING LANE 50'

System: Gravity D-Box
 Lines: 1-3 (225')
 0.4 LTAR
 18-24" Trench Bottom
 Accepted Status System
 Repair: Gravity to D-Box
 Lines: 4-6 (225')
 0.4 LTAR
 18-24" Trench Bottom
 Accepted Status System

GRAPHIC SCALE
 1" = 50'



Adams
 Soil Consulting
 919-414-6761
 Job #708