

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: 449 Mineral Spring Ln. (Chalybeate Road - SR 1429)
 SUBDIVISION Avery Pond LOT # 105

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

Type of Structure: 4-Bedroom 40'x42' SFD Mono Slab

Proposed Wastewater System Type: 25% Reduction Sys.

Projected Daily Flow: 480 GPD


Number of bedrooms: 4 Number of Occupants: 8 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:  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: 449 Mineral Spring Ln (Chalybeate Road - SR 1429)
 SUBDIVISION Avery Pond LOT # 105

Facility Type: 4-Bedroom 40'x42' SFD Mono Slab New Expansion Repair

Basement? Yes No Basement Fixtures? Yes No

Type of Wastewater System** 25% Reduction System (Initial) Wastewater Flow: 480 GPD

(See note below, if applicable)

Pump to 25% Reduction System _____ (Repair)


<u>Installation Requirements/Conditions</u>		Number of trenches <u>3</u>
Septic Tank Size <u>1000</u> gallons	Exact length of each trench <u>100</u> feet	Trench Spacing: <u>9</u> Feet on Center
Pump Tank Size _____ gallons	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)	Soil Cover: <u>12</u> inches (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; Septic proposal by Adams Soil Consulting.</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:  Date: 03/15/2019
ANDREW CURRAN Construction Authorization Expiration Date: 03/15/2024

HTE# SFD1902-0055

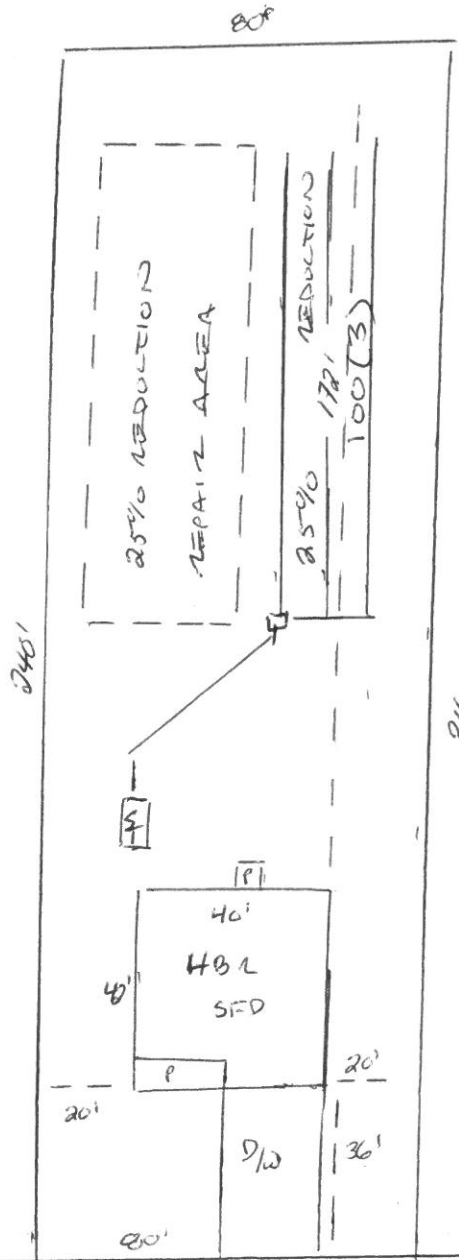
Permit # NA

Harnett County Department of Public Health Site Sketch

SL 1429

ISSUED TO: LGI Homes - NC, LLC PROPERTY LOCATOR: 449 Mineral Springs Ln. (Chalybeet Rd.)
SUBDIVISION: Avery Pond LOT # 105

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



- * IF PLUMBING IS NOT SUFFICIENT A PUMP WILL BE REQUIRED TO DISE SEPTIC FIELD
- * GRAVITY D-BOX
- * 18-24 IN TRENCH BOTTOM

MINERAL SPRINGS LN

Avery Pond

Lot #105

4-Bedroom Home (480 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				
<i>1</i>	<i>Red</i>			<i>3.6</i>	<i>98.4</i>	<i>100</i>	<i>100</i>
<i>2</i>	<i>Yellow</i>			<i>3.7</i>	<i>98.3</i>	<i>100</i>	<i>100</i>
<i>3</i>	<i>Pink</i>			<i>3.8</i>	<i>98.2</i>	<i>100</i>	<i>100</i>
<i>4</i>	<i>White</i>			<i>3.9</i>	<i>98.1</i>	<i>100</i>	<i>100</i>
<i>5</i>	<i>Blue</i>			<i>4.1</i>	<i>97.9</i>	<i>100</i>	<i>100</i>
<i>6</i>	<i>Orange</i>			<i>4.2</i>	<i>97.8</i>	<i>100</i>	<i>100</i>

System

Repair

Lines 4-6

Lines 1-3

System Type

Accepted Status System
EZ-FLOW

Accepted Status System
EZ-FLOW

Suggested Soil LTAR

0.40

0.40

Total Line Length

300

300

Square Footage

900

900

Proposed Trench Bottom

24"

24"

Distribution Method

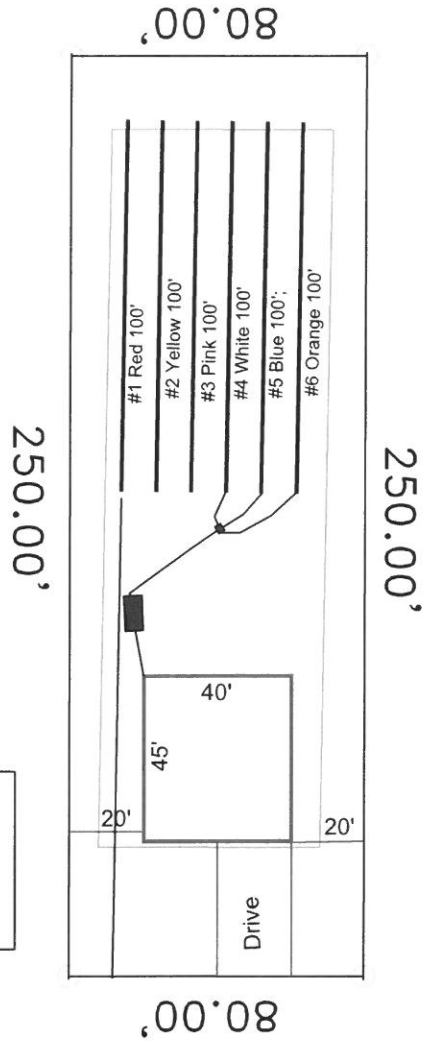
Gravity to D-
Box

Pump to D-Box

Avery Pond 4-Bedroom Septic Proposal Lot #105

105

0.459 AC.



MINERAL SPRING LANE 50'

*If Plumbing is not sufficient a pump will be required to dose septic field.

System: Gravity D-Box
 Lines: 4-6 (300')
 0.4 LTAR
 18-24" Trench Bottom
 Accepted Status System
 Repair: Pump to D-Box
 Lines: 3-4 (300')
 0.4 LTAR
 18-24" Trench Bottom
 Accepted Status System

GRAPHIC SCALE
1" = 50'



Adams
 Soil Consulting
 919-414-6761
 Job #708