

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: 4BR 40'x42' STD
 Proposed Wastewater System Type: 25% reduction
 Projected Daily Flow: 400 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 NA feet
 Permit conditions: _____

PROPERTY LOCATION: 271 Mineral Springs Ln. (Chalybeate Rd.)
 SUBDIVISION Avery Pond LOT # 77
 Site Improvements required prior to Construction Authorization Issuance: _____

521429

Authorized State Agent: [Signature] Date: 02/05/2019 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: 271 Mineral Springs Ln. (Chalybeate Rd.)
 SUBDIVISION Avery Pond LOT # 77
 Facility Type: 4BR 40'x42' STD New Expansion Repair
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** Pump to 25% reduction sys. (Initial) Wastewater Flow: 400 GPD
 (See note below, if applicable
Pump to 50% PRBS (Repair)

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Installation Requirements/Conditions
 Septic Tank Size 1000 gallons
 Pump Tank Size 1000 gallons
 Number of trenches 6 or 3
 Exact length of each trench 50 or 100 feet
 Trench Spacing: 9 Feet on Center
 Trenches shall be installed on contour at a
 Maximum Trench Depth of: 24-21 inches
 (Trench bottoms shall be level to +1-1/4" in all directions)
 Soil Cover: 12-9 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
 Conditions: Install as high uphill as contour will allow
soft pond setback [high water line - Red flags]

**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: 02/05/2019
ANDREW COVAIN Construction Authorization Expiration Date: 02/05/2024

HTE# 5AD1812-00482

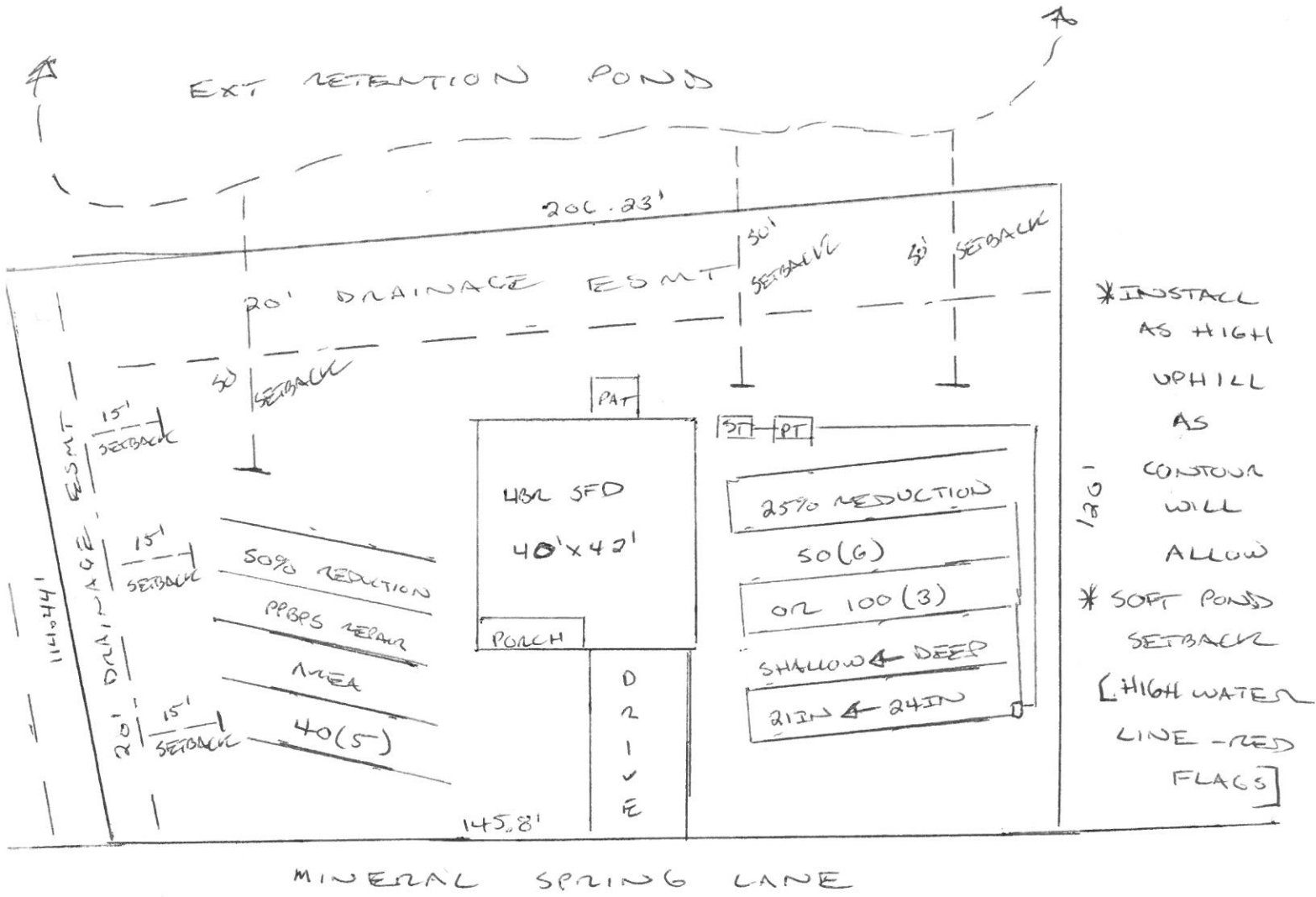
Permit # 30462

Harnett County Department of Public Health Site Sketch

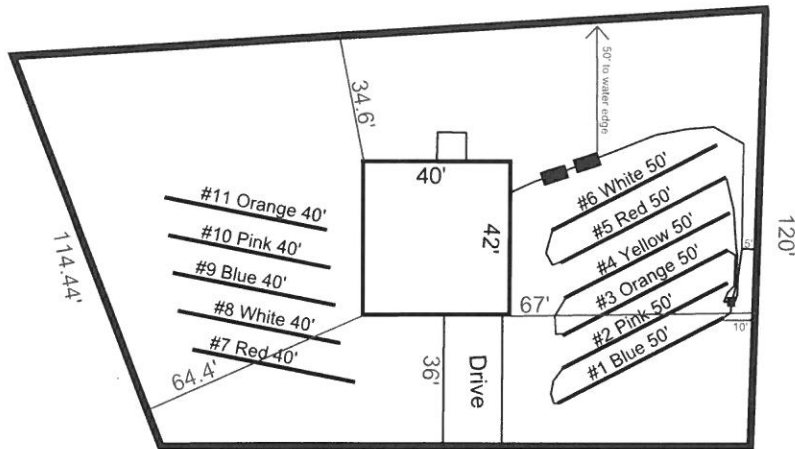
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ISSUED TO: LGI Homes - NC, LLC SUBDIVISION: Avery Pond LOT # 77
PROPERTY LOCATOR: 271 Mineral Springs Ln. (Chastabate Rd.)

Authorized State Agent: [Signature] Date: 02/05/2019
ANDREW CURRIN



Avery Pond 4-Bedroom Layout Lot #77



Mineral Spring Ln

System: Pump to D-Box
 Lines: 1-6 (300')
 0.4 LTAR
 21-24" Trench Bottom
 Accepted Status System
 Repair: T&J Panel repair
 Lines: 7-12 (200')
 0.4 LTAR
 24" Trench Bottom
 50% reduction system

GRAPHIC SCALE
 1" = 50'



Adams
 Soil Consulting
 919-414-6761
 Job #708

Avery Pond
Lot #77

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				
1	Blue			3.4	98.6	60	50
2	Pink			3.5	98.5	55	50
3	Orange			3.8	98.2	55	50
4	Yellow			4.1	97.9	57	50
5	Red			4.4	97.6	59	50
6	White			4.6	97.4	60	50
7	Red			3.9	98.1	50	45
8	White			4	98	45	45
9	Blue			4.2	97.8	45	45
10	Pink			4.5	97.5	45	45
11	Orange			4.7	97.3	45	45
12	Yellow			4.9	97.1	45	45
13	Red			5	97	45	45

System

Repair

Lines 1-6

Lines 7-13

System Type

Accepted Status System
EZ-FLOW

Accepted Status System
EZ-FLOW

Suggested Soil LTAR

0.40

0.40

Total Line Length

300

315

Square Footage

900

945

Proposed Trench Bottom

24"

24"

Distribution Method

Pump to D-
Box

Pump to D-Box