

HTE# 5251902-0008

Harnett County Department of Public Health

30471

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

521429

ISSUED TO: LGI Homes NC LLC

PROPERTY LOCATION: 423 Mineral Spring Ln. (Chalybeate Rd.)

NEW REPAIR EXPANSION

SUBDIVISION Avery Pond LOT # 103

Type of Structure: 4BR 36'x46' SFD

Site Improvements required prior to Construction Authorization Issuance:

Proposed Wastewater System Type: 25% reduction

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 NA feet

Permit valid for: Five years

Permit conditions: _____

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: 423 Mineral Spring Ln. (Chalybeate Rd.)

521429

Facility Type: 4BR 36'x46' SFD New Expansion Repair

SUBDIVISION Avery Pond LOT # 103

Basement? Yes No Basement Fixtures? Yes No

Type of Wastewater System** 25% reduction sys. (Initial) Wastewater Flow: 480 GPD

(See note below, if applicable)

25% reduction sys. (Repair)

Installation Requirements/Conditions

Septic Tank Size 1000 gallons

Number of trenches 4
Exact length of each trench 75 feet

Trench Spacing: 7 Feet on Center

Pump Tank Size _____ gallons

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)

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

Conditions: _____

**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 CURRIN Construction Authorization Expiration Date: 02/15/2024

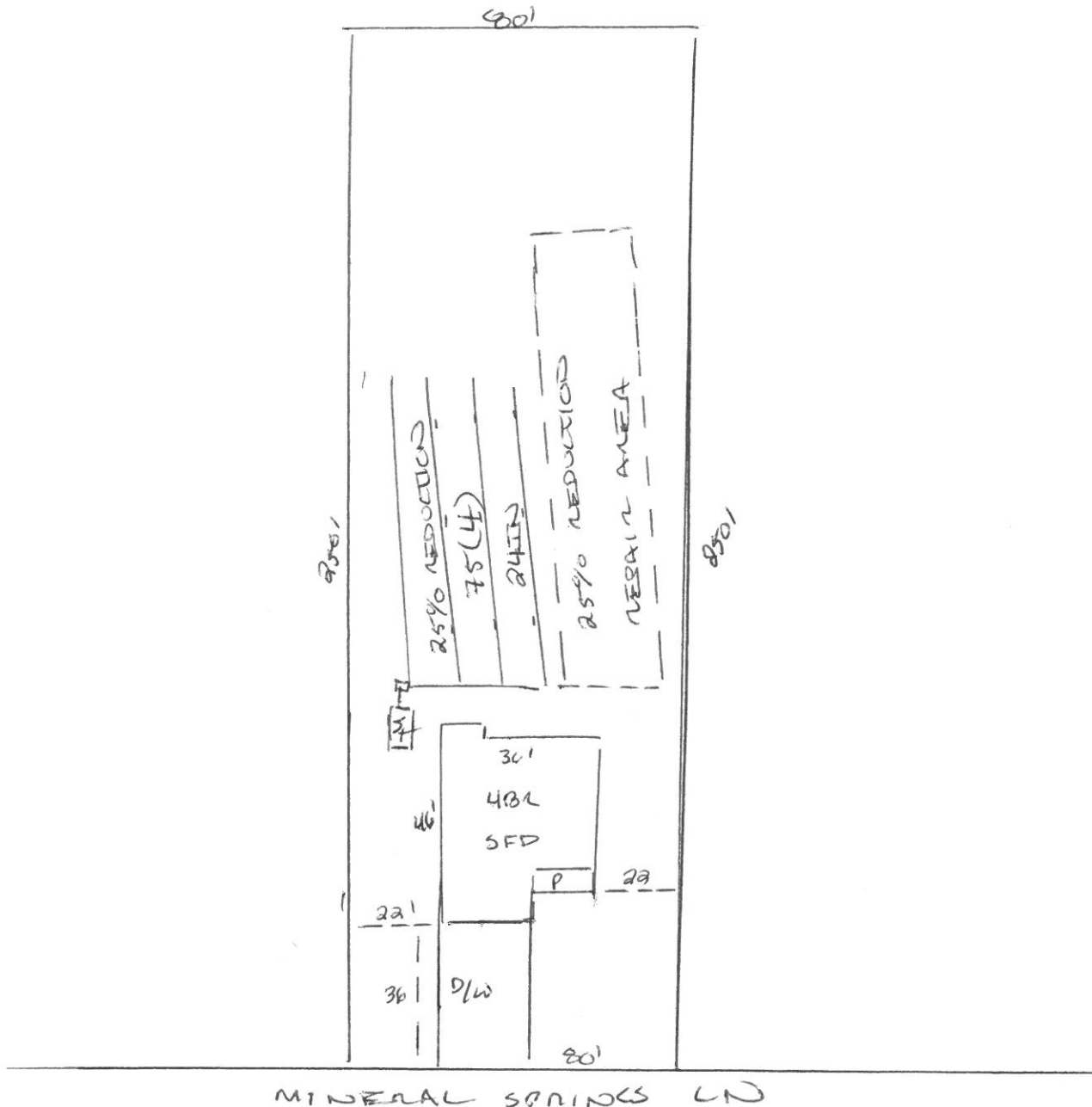
HTE# SFD1902-0008

Permit # 30471

Harnett County Department of Public Health Site Sketch

ISSUED TO: LGI Homes NC LLC PROPERTY LOCATION: 423 Mineral Springs Ln. (Chulyside Rd.) ³²¹⁴²⁹
SUBDIVISION: Avery Pond LOT # 103

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



Avery Pond

Lot #103

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	<i>Pink</i>			3.5	98.5	75	75
2	<i>Yellow</i>			3.8	98.2	75	75
3	<i>Red</i>			3.9	98.1	75	75
4	<i>Blue</i>			4.1	97.9	75	75
5	Orange			4.2	97.9	100	100
6	White			4.4	97.8	100	100
7	Pink			4.6	97.6	100	100
Total						600	600

System

Repair

Lines 1-4

Lines 5-7

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

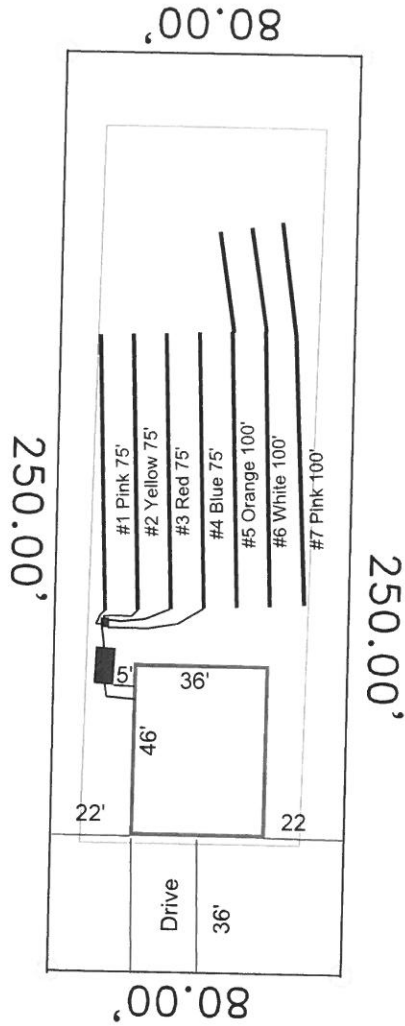
Gravity to D-Box

Gravity to D-Box

Avery Pond
4-Bedroom Septic Proposal
Lot #103

103

0.459 AC.



Mineral Spring Ln

System: Gravity D-Box
Lines: 1-4 (300')
0.4 LTAR
24" Trench Bottom
Accepted Status System
Repair: Gravity to D-Box
Lines: 5-7 (300')
0.4 LTAR
24" Trench Bottom
Accepted Status System

GRAPHIC SCALE
1" = 50'



Adams
Soil Consulting
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Job #708