

HTE# SFD 1902-0012

Harnett County Department of Public Health

30468

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: LGI Homes NC LLC

PROPERTY LOCATION: 377 Mineral Springs Ln. (Chapel Hill Rd.)
SUBDIVISION: Avery Pond LOT # 100

NEW REPAIR EXPANSION

Site Improvements required prior to Construction Authorization Issuance: _____

Type of Structure: 4BR 36'x46' SFD

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: 377 Mineral Springs Ln. (Chapel Hill Rd.)
SUBDIVISION: Avery Pond LOT # 100

Facility Type: 4BR 36'x46' SFD 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 (Repair)

Installation Requirements/Conditions

Septic Tank Size 1000 gallons

Pump Tank Size _____ gallons

Number of trenches 5

Exact length of each trench 60 feet

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)

Trench Spacing: 9 Feet on Center

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# SFD19020012

Permit # 30468

Harnett County Department of Public Health Site Sketch

321429

PROPERTY LOCATION: 377 Mineral Springs Ln. (Chulhock Rd)

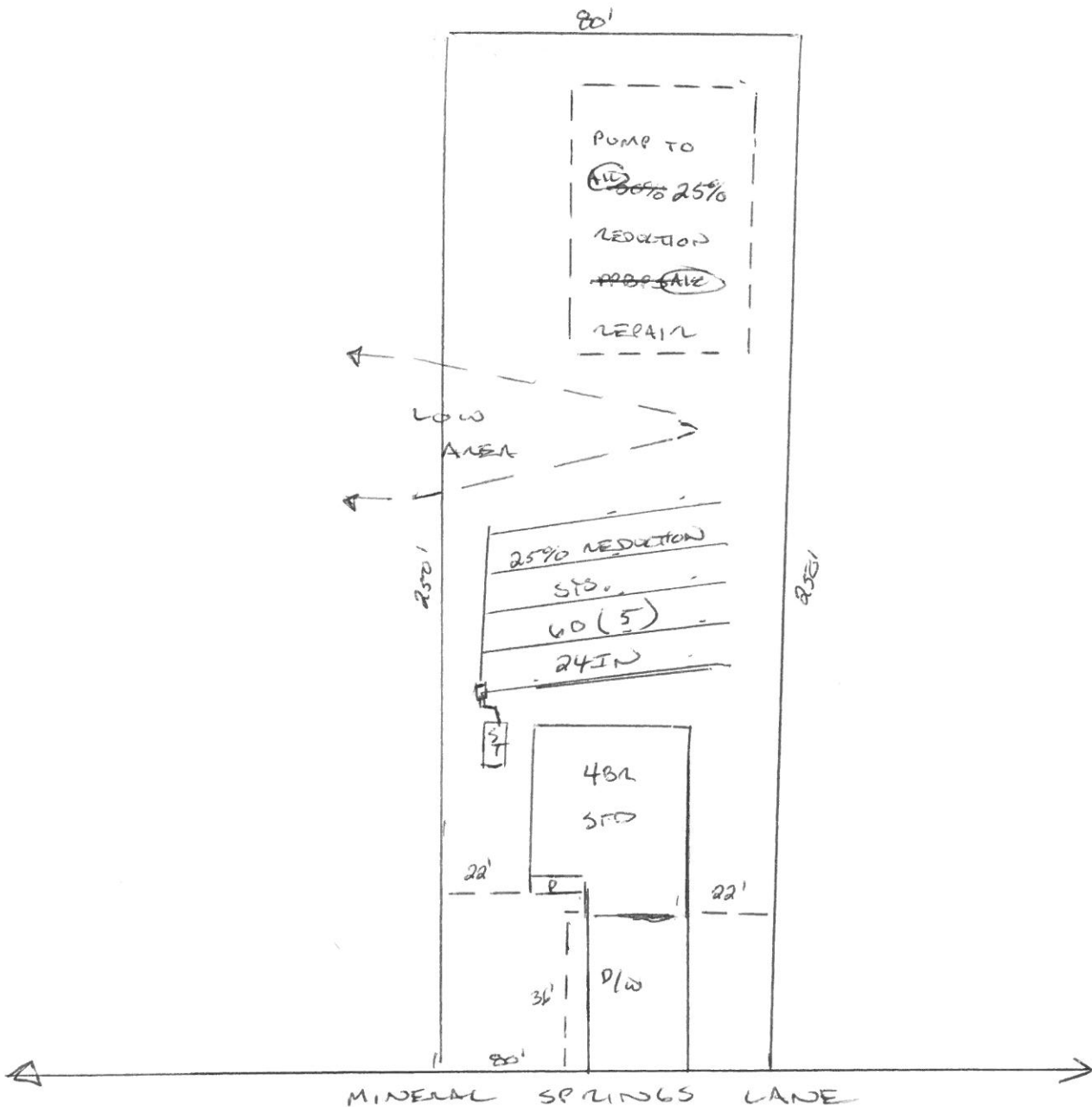
ISSUED TO: LGI HOMES NC LLC

SUBDIVISION Avery Pond

LOT # 100

Authorized State Agent: *[Signature]*
ANDREW WOOD

Date: 02/15/2019



Avery Pond

Lot #100

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>Yellow</i>			2.5	99.5	60	60
2	<i>Red</i>			2.8	99.2	60	60
3	<i>White</i>			3.2	98.8	60	60
4	<i>Orange</i>			3.7	98.3	60	60
5	<i>Blue</i>			4.9	97.1	60	60
6	Pink			6.5	95.5	65	65
7	Yellow			6.9	95.1	65	65
8	Red			7.2	94.8	65	65
9	White			7.6	94.4	60	60
10	Orange			8	94	45	45

System

Repair

Lines 1-5

Lines 6-10

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

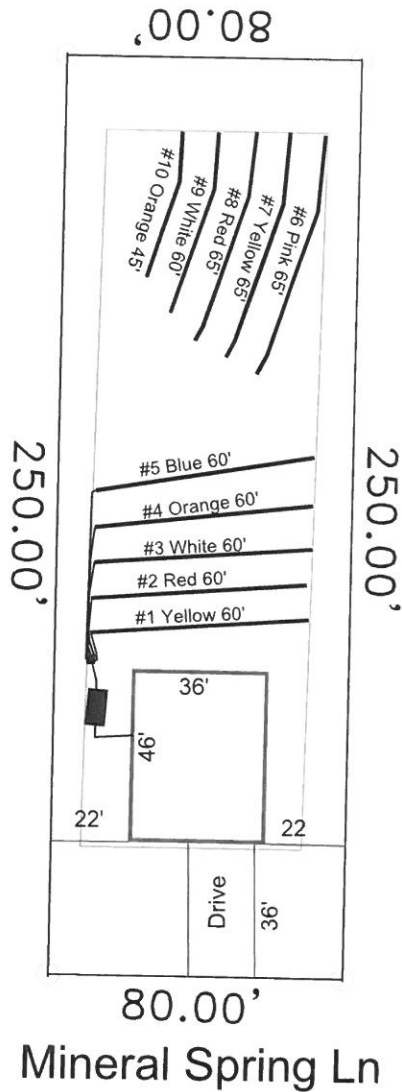
Gravity to D-Box

Pressure Manifold

Avery Pond 4-Bedroom Septic Proposal Lot #100

100

0.459 AC.



System: Gravity D-Box
 Lines: 1-5 (300')
 0.4 LTAR
 24" Trench Bottom
 Accepted Status System
 Repair: Pressure Manifold
 Lines: 6-10 (300')
 0.4 LTAR
 24" Trench Bottom
 Accepted Status System

GRAPHIC SCALE
1" = 50'



Adams
 Soil Consulting
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 Job #708