

Harnett County Department of Public Health Improvement Permit

A building permit cannot be issued with only an Improvement Permit

521429

ISSUED TO: LGI HOMES NC LLC PROPERTY LOCATION: 828 AVERY POND DR. (CHALBEATERN)
 SUBDIVISION: AVERY POND LOT # 150
 NEW REPAIR EXPANSION
 Type of Structure: 3-BEDROOM 30'x41' SFD
 Proposed Wastewater System Type: 25% REDUCTION
 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 NA feet
 Permit valid for: Five years No expiration
 Permit conditions: _____

Authorized State Agent: [Signature] Date: 03/26/2020 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.

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ISSUED TO: LGI HOMES NC LLC PROPERTY LOCATION: 828 AVERY POND DR. (CHALBEATERN)
 SUBDIVISION: AVERY POND LOT # 150
 Facility Type: 3BR 30'x41' SFD 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 SYS. (Repair)

Installation Requirements/Conditions Septic Tank Size <u>1000</u> gallons Pump Tank Size _____ gallons	Number of trenches <u>2</u> Exact length of each trench <u>135</u> feet Trenches shall be installed on contour at a Maximum Trench Depth of: <u>18-24</u> inches (Trench bottoms shall be level to +/-1/4" in all directions)	Trench Spacing: <u>9</u> Feet on Center Soil Cover: <u>6-12</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: GRAVITY TO D-BOX EQUAL DISTRIBUTION

**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: 03/26/2020
ANDREW CURRIN Construction Authorization Expiration Date: 03/26/2025

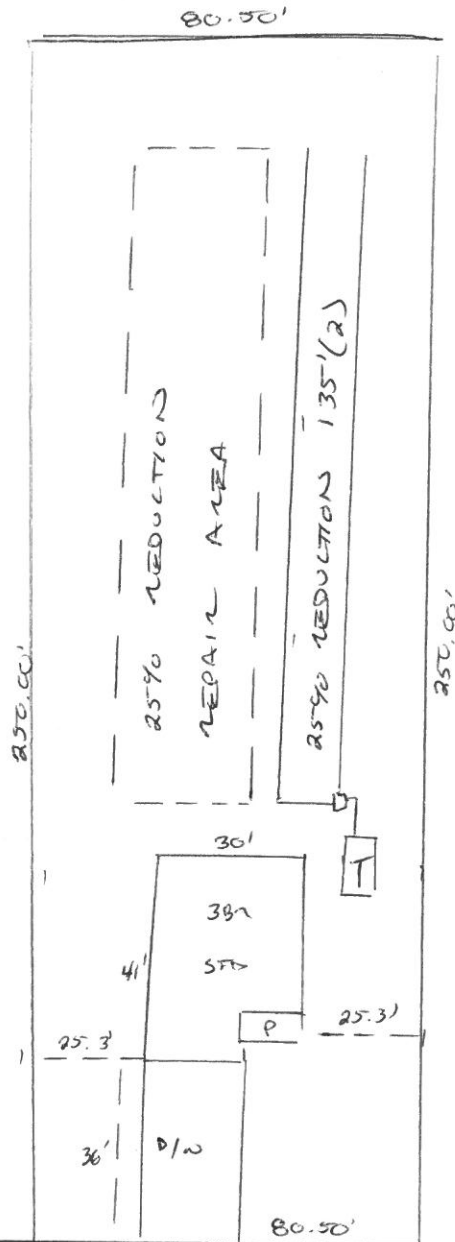
Application # SFD2003-0038

Harnett County Department of Public Health Site Sketch

Property Location: 828 AVERY POND RD. (CHALBEATE RD - 521429)

Issued To: LGI HOMES LLC Subdivision AVERY POND Lot # 150

Authorized State Agent: *Andrew Curran* Date: 03/26/2020
ANDREW CURRAN



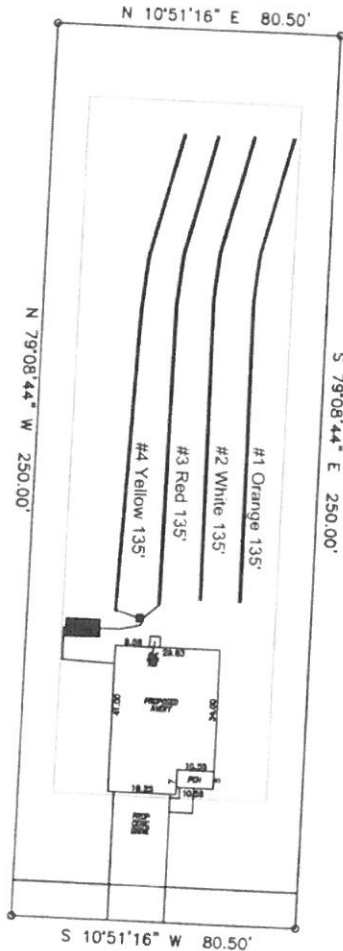
*GRAVITY TO D-BOX
EQUAL DISTRIBUTION

*PROPOSAL BY ADAMS
SOIL CONSULTING

This drawing is for illustrative purposes only. System installation must meet all pertinent laws, rules, and regulations.

Avery Pond 3-Bedroom Septic Proposal Lot #150

150



Avery Pond Drive

System: Gravity D-Box
 Lines: 3-4 (270')
 0.35 LTAR
 18-24" Trench Bottom
 Accepted Status System
 Repair: Gravity to D-Box
 Lines: 1-2 (270')
 0.35 LTAR
 18-24" Trench Bottom
 Accepted Status System

GRAPHIC SCALE
 1" = 50'



Adams
 Soil Consulting
 919-414-6761
 Job #708

Avery Pond

Lot #150

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	Orange			3.6	98.4	135	135
2	White			3.9	98.1	135	135
3	Red			4	98	135	135
4	Yellow			4.1	97.9	135	135
Total						540	540

System

Repair

Lines 3-4

Lines 1-2

System Type

Accepted Status System
EZ-FLOW

Accepted Status System
EZ-FLOW

Suggested Soil LTAR

0.35

0.35

Total Line Length

270

270

Square Footage

810

810

Proposed Trench Bottom

18-24"

18-24"

Distribution Method

Gravity to D-
Box

Gravity to D-Box