

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: 809 Avey Pond Dr. (Chalyhede Rd.)
 SUBDIVISION: Avey Pond LOT # 132
 NEW REPAIR EXPANSION
 Type of Structure: 3-Bedroom 39'x48' SFD
 Proposed Wastewater System Type: 25% Reduction Sys.
 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 _____ feet Permit valid for: Five years
 No expiration
 Permit conditions: _____

Authorized State Agent: [Signature] Date: 03/30/2020 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.

ISSUED TO: LGI Homes NC LLC PROPERTY LOCATION: 809 Avey Pond Dr. (Chalyhede Rd.)
 SUBDIVISION: Avey Pond LOT # 132
 Facility Type: 302 39'x48' 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 system (Repair))
 Installation Requirements/Conditions
 Septic Tank Size 1000 gallons Number of trenches 3
 Pump Tank Size _____ gallons Exact length of each trench 75 feet Trench Spacing: 9 Feet on Center
 Trenches shall be installed on contour at a Soil Cover: 12 inches
 Maximum Trench Depth of: 24 inches (Maximum soil cover shall not exceed 36" above the trench bottom)
 (Trench bottoms shall be level to +/-1/4" in all directions)
 Pump Requirements: _____ ft. TDH vs. _____ GPM Aggregate Depth: NA inches below pipe
NA inches above pipe
 Conditions: Gravity to D-Box Equal Distribution NA inches total

**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: 03/30/2020
ANDREW WARRIN Construction Authorization Expiration Date: 03/30/2025

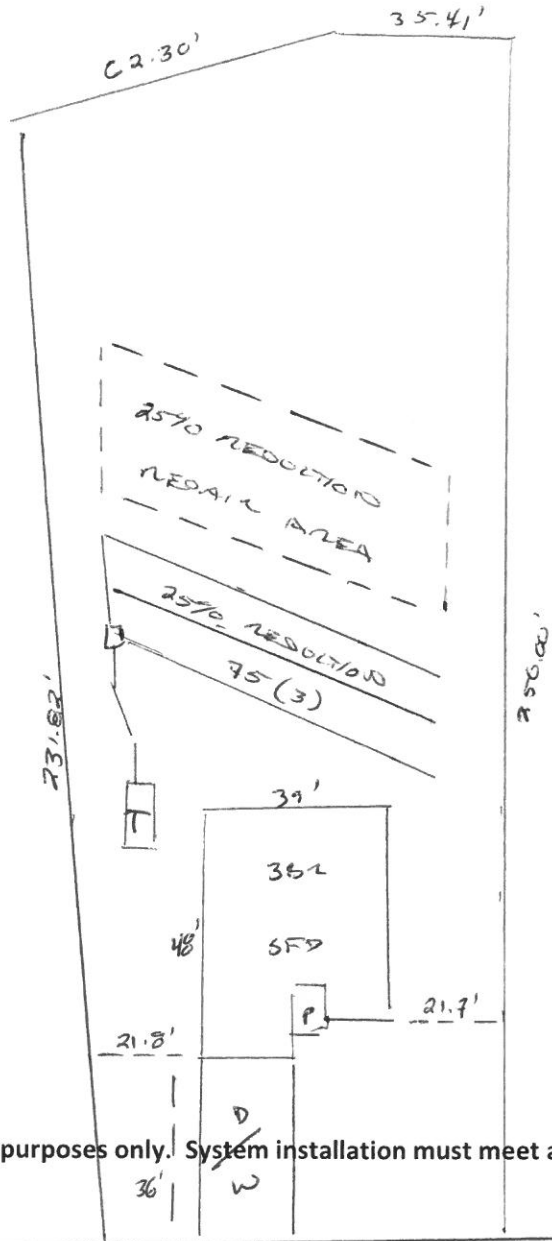
Application # 5-D2003-0031

Harnett County Department of Public Health Site Sketch

Property Location: 809 Avery Pond Dr. (Chalyheat Rd. - 521429)

Issued To: LGI HOLDING LLC Subdivision Avery Pond Lot # 132

Authorized State Agent: *Andrew Curran* Date: 03/30/2020
ANDREW CURRAN



* GRAVITY TO D-BOX
EQUAL DISTRIBUTION

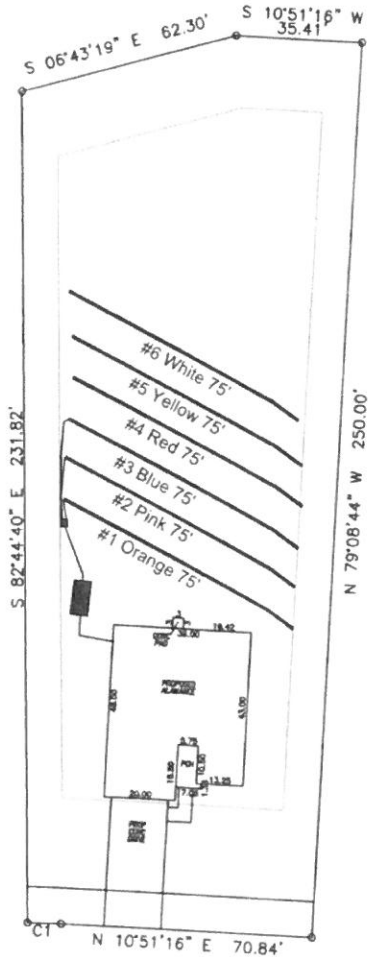
* PROPOSAL BY ADAMS
SOIL CONSULTING

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

← →
AVERY POND DRIVE

Avery Pond 3-Bedroom Septic Proposal Lot #132

132



Avery Pond Drive

System: Gravity D-Box
 Lines: 1-3 (225')
 0.4 LTAR
 24" Trench Bottom
 Accepted Status System
 Repair: Gravity to D-Box
 Lines: 4-6 (225')
 0.4 LTAR
 24" Trench Bottom
 Accepted Status System

GRAPHIC SCALE
 1" = 50'



Adams
 Soil Consulting
 919-414-6761
 Job #708

Avery Pond
Lot #132

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			2.6	99.4	75	75
2	Pink			2.9	99.1	75	75
3	Blue			3.2	98.8	75	75
4	Red			3.6	98.4	75	75
5	Yellow			4	98	75	75
6	White			4.3	97.7	75	75
7	Orange			4.8	97.2	75	not used
8	Pink			5.5	96.5	75	not used
Total						450	450

	<u>System</u>	<u>Repair</u>
	Lines 1-3	Lines 4-6
System Type	Accepted Status System EZ-FLOW	Accepted Status System EZ-FLOW
Suggested Soil LTAR	0.40	0.40
Total Line Length	225	225
Square Footage	675	675
Proposed Trench Bottom	24"	24"
Distribution Method	Gravity to D-Box	Gravity to D-Box