

Harnett County Department of Public Health Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: LGI Homes LLC
NEW REPAIR EXPANSION
Type of Structure: 3-Bedroom 28'x46' 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 NA feet
Permit conditions: _____

PROPERTY LOCATION: 102 Old Head Way (Chulhuate Road) ³²¹⁴¹²
SUBDIVISION Avery Pond LOT # 94
Site Improvements required prior to Construction Authorization Issuance: _____

Permit valid for: Five years
 No expiration

Authorized State Agent: _____ Date: 12/13/2019 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 LLC

PROPERTY LOCATION: 102 Old Head Way (Chulhuate Road) ³²¹⁴¹²
SUBDIVISION Avery Pond LOT # 94

Facility Type: 3-Bd 28'x46' 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)

Installation Requirements/Conditions

Number of trenches 3
Septic Tank Size 1000 gallons Exact length of each trench 75 feet Trench Spacing: 9 Feet on Center
Pump Tank Size _____ gallons Trenches shall be installed on contour at a Soil Cover: 6 inches
Maximum Trench Depth of: 18 inches (Maximum soil cover shall not exceed 36" above the trench bottom)
in all directions
Pump Requirements: _____ ft. TDH vs. _____ GPM Aggregate Depth: NA inches below pipe
NA inches above pipe
NA inches total
Conditions: Gravity to D-Box Equal Distribution Proposal by Adonis Soil Consulting

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

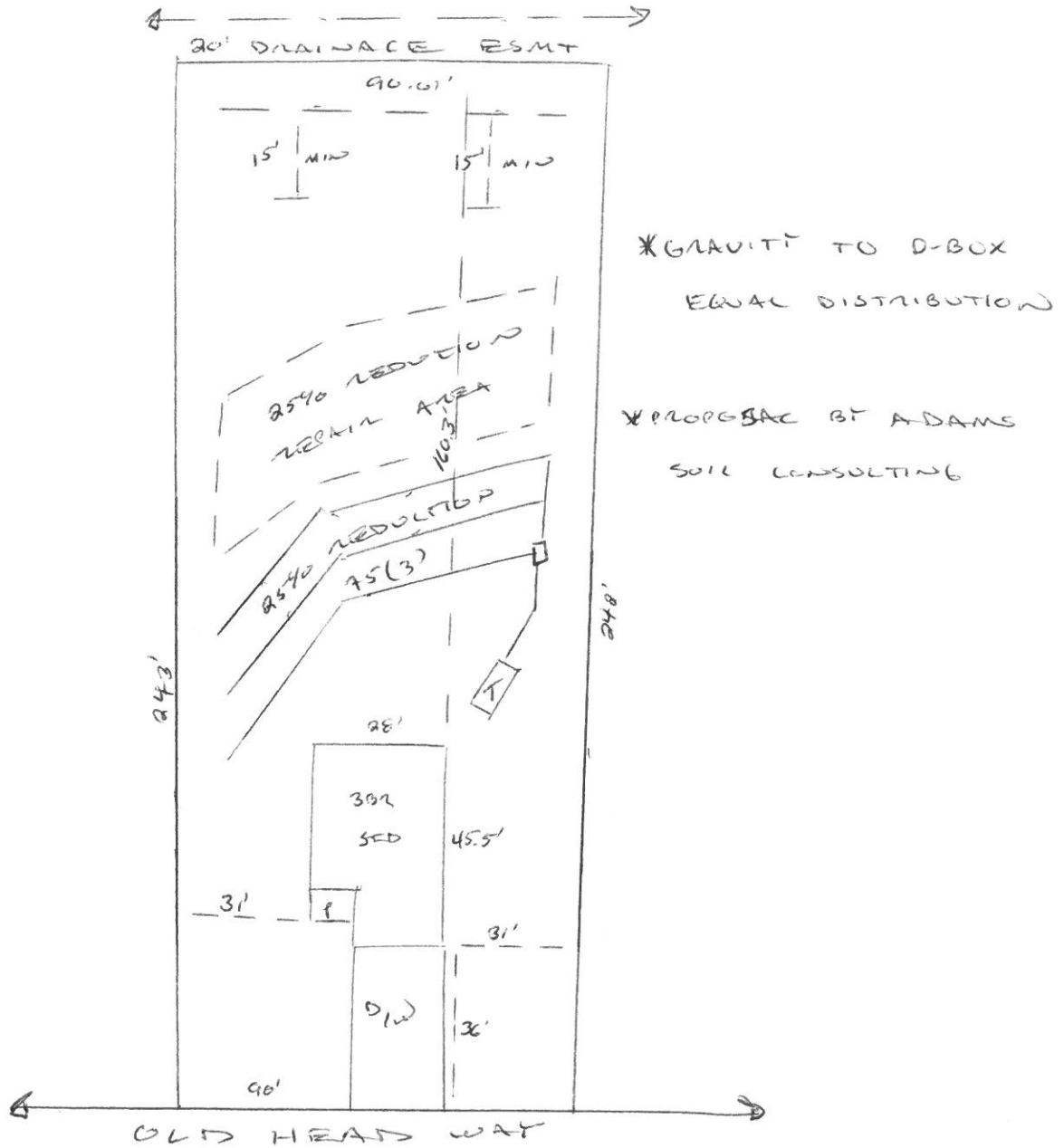
Authorized State Agent: _____ Date: 12/13/2019
ANDREW CURRAN Construction Authorization Expiration Date: 12/13/2024

Application # SFD1911-0044

Harnett County Department of Public Health Site Sketch

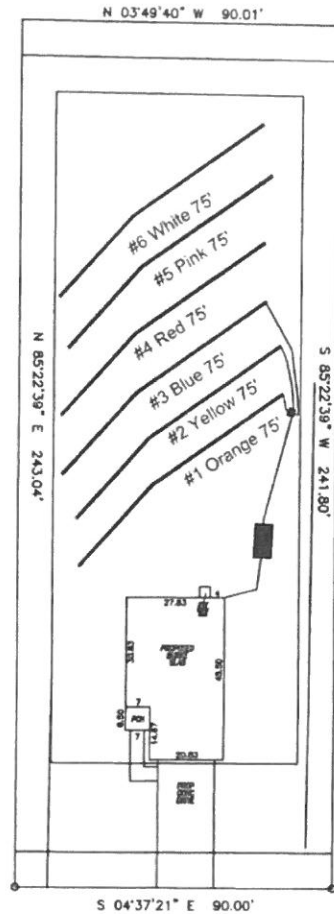
Property Location: 102 Old Head Way (Cuddeheite Road - Sr 1412)
Issued To: L&F Homes LLC Subdivision Avery Pond Lot # 94

Authorized State Agent: *[Signature]* Date: 12/13/2019
ANDREW CURRIN



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

Avery Pond 3-Bedroom Septic Proposal Lot #94



94

Old Head Way

System: Gravity D-Box
 Lines: 1-3 (225')
 0.4 LTAR
 18" Trench Bottom
 Accepted Status System
 Repair: Pressure Manifold
 Lines: 3-4 (225')
 0.4 LTAR
 18" Trench Bottom
 Accepted Status System

GRAPHIC SCALE
 1" = 50'



Adams
 Soil Consulting
 919-414-6761
 Job #708

Avery Pond

Lot #94

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	<i>Orange</i>			3.6	102	85	75
2	<i>Yellow</i>			4.1	98.4	85	75
3	<i>Blue</i>			4.5	97.9	85	75
4	<i>Red</i>			5	97.5	85	75
5	<i>Pink</i>			5.5	97	85	75
6	<i>White</i>			5.9	96.5	85	75
					<i>Total</i>	<i>510</i>	<i>450</i>

	<u>System</u>	<u>Repair</u>
System Type	Lines 1-3	Lines 4-6
	Accepted Status System	Accepted Status System
	EZ-FLOW	EZ-FLOW
Suggested Soil LTAR	0.40	0.40
Total Line Length	225	225
Square Footage	675	675
Proposed Trench Bottom	18"	18"
Distribution Method	Gravity to D-Box	Gravity to D-Box