

Harnett County Department of Public Health Improvement Permit

A building permit cannot be issued with only an Improvement Permit

52 1429

ISSUED TO: LGI Homes NC LLC PROPERTY LOCATION: 75 Waterville Way (Chalyhente Rd)
 SUBDIVISION: Avery Pond #1115 LOT # 143

NEW REPAIR EXPANSION Site Improvements required prior to Construction Authorization Issuance: _____

Type of Structure: 3-Bedroom 40'x40' SFD

Proposed Wastewater System Type: 25% reduction sys.

Projected Daily Flow: 300 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: _____ Permit valid for: Five years No expiration

Authorized State Agent: [Signature] Date: 03/09/2020 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.

52 1429

ISSUED TO: LGI Homes NC LLC PROPERTY LOCATION: 75 Waterville Way (Chalyhente Rd)
 SUBDIVISION: Avery Pond #1115 LOT # 143

Facility Type: 302 40'x40' SFD New Expansion Repair

Basement? Yes No Basement Fixtures? Yes No

Type of Wastewater System** 25% reduction system (Initial) Wastewater Flow: 300 GPD
 (See note below, if applicable Split 25% reduction (Repair)

Installation Requirements/Conditions	Number of trenches <u>3</u>	
Septic Tank Size <u>1000</u> gallons	Exact length of each trench <u>96</u> feet	Trench Spacing: <u>9</u> Feet on Center
Pump Tank Size _____ gallons	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)	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: _____

**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

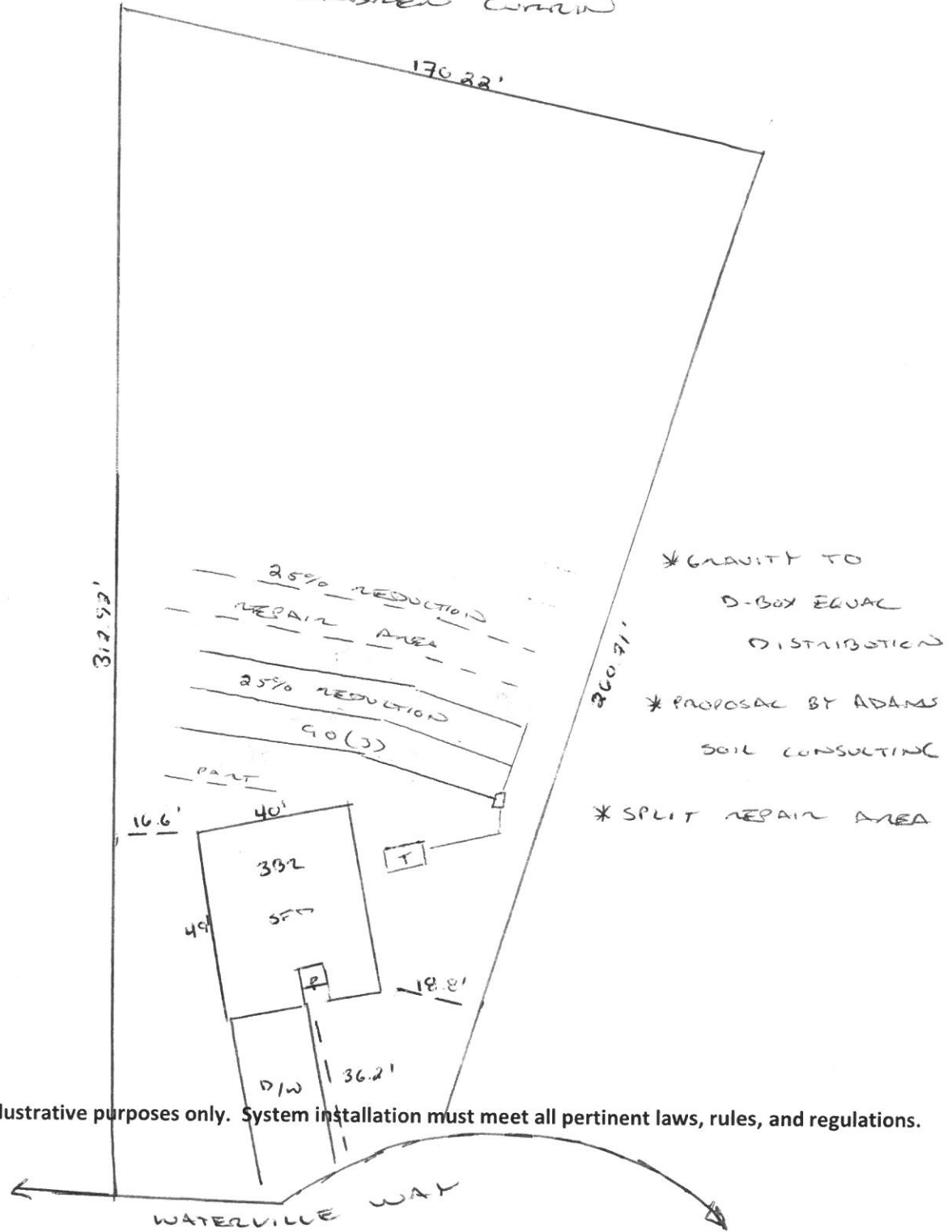
Authorized State Agent: [Signature] Date: 03/09/2020
ANDREW WARREN Construction Authorization Expiration Date: 03/09/2025

Application # SFD2002-0012

Harnett County Department of Public Health Site Sketch

Property Location: 75 Waterville Way (Charlyhoke Rd. - 521429)
Issued To: LES HOMES NC LLC Subdivision Avery Pond III D Lot # 143

Authorized State Agent: *[Signature]* Date: 03/09/2020
ADAM W. ADAMS



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

Avery Pond

Lot #143

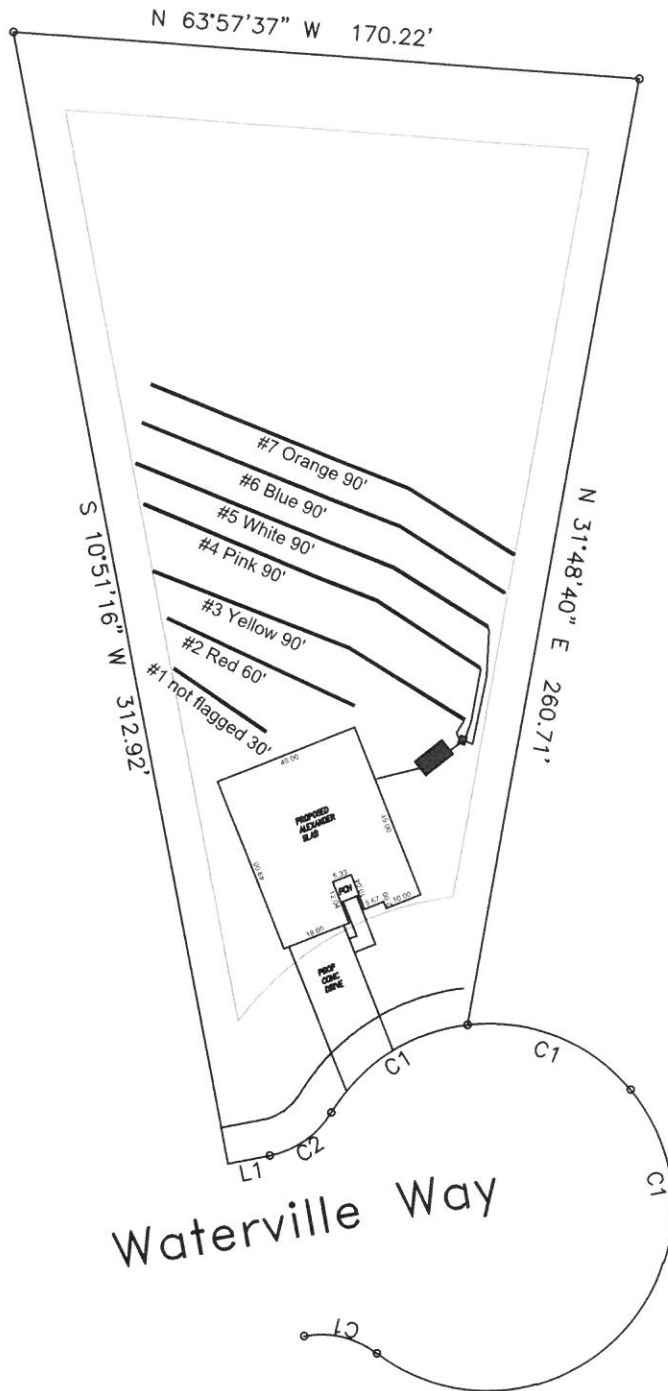
3-Bedroom Home (360 gal./day)

<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				
<i>1</i>	<i>not flagged</i>					30	30
2	Red			2	100	60	60
3	Yellow			3.7	98.3	93	90
4	Pink			4.9	97.1	100	90
5	White			5.6	96.4	105	90
6	Blue			6.1	95.9	110	90
7	Orange			6.8	95.2	115	90
Total						583	510

	<u>System</u>	<u>Repair</u>
	Lines 3-5	Lines 1-2, 6-7
System Type	Accepted Status System	50% Reduction System
	EZ-FLOW	T&J Panel
Suggested Soil LTAR	0.35	0.35
Total Line Length	240	270
Square Footage	720	810
Proposed Trench Bottom	24"	18-24"
Distribution Method	Gravity to D-Box	Gravity to Serial Dist

Avery Pond 3-Bedroom Septic Proposal Lot #143

143



System: Gravity D-Box
 Lines: 3-5 (270')
 0.35 LTAR
 24" Trench Bottom
 Accepted Status System
 Repair: Gravity to Serial Distribution
 Lines: 1-2, 6-7 (270')
 0.35 LTAR
 24" Trench Bottom
 Accepted Status System

Waterville Way

GRAPHIC SCALE
 1" = 50'



Adams
 Soil Consulting
 919-414-6761
 Job #708