

Harnett County Department of Public Health Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: LGI Homes - NC, LLC PROPERTY LOCATION: 75 Doonbeg Dr. (Chalybeate Rd. - SR 142)
 SUBDIVISION Avery Pond LOT # 159
 NEW REPAIR EXPANSION Site Improvements required prior to Construction Authorization Issuance:
 Type of Structure: 27x45 sfd, 3 beds 2.5 baths crawl
 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 valid for: Five years
 Permit conditions: No expiration

Authorized State Agent: [Signature] Date: 07/21/2020 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: 75 Doonbeg Dr. (Chalybeate Rd. - SR 1)
 SUBDIVISION Avery Pond LOT # 159
 Facility Type: 27x45 sfd, 3 beds 2.5 batl 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 <u>1000</u> gallons	Number of trenches <u>3</u>	Exact length of each trench <u>90-100</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	Soil Cover: <u>6-12</u> inches
	(Trench bottoms shall be level to +/-1/4"		(Maximum soil cover shall not exceed
	in all directions)		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: 07/21/2020
ADDREED WAIN Construction Authorization Expiration Date: 07/21/2025

Application # SFD2007-0014

Harnett County Department of Public Health Site Sketch

Property Location: 75 Doonbeg Dr. (Chalybeate Rd. - SR 1429)

Issued To: LGI Homes - NC, LLC

Subdivision Avery Pond

Lot # 159

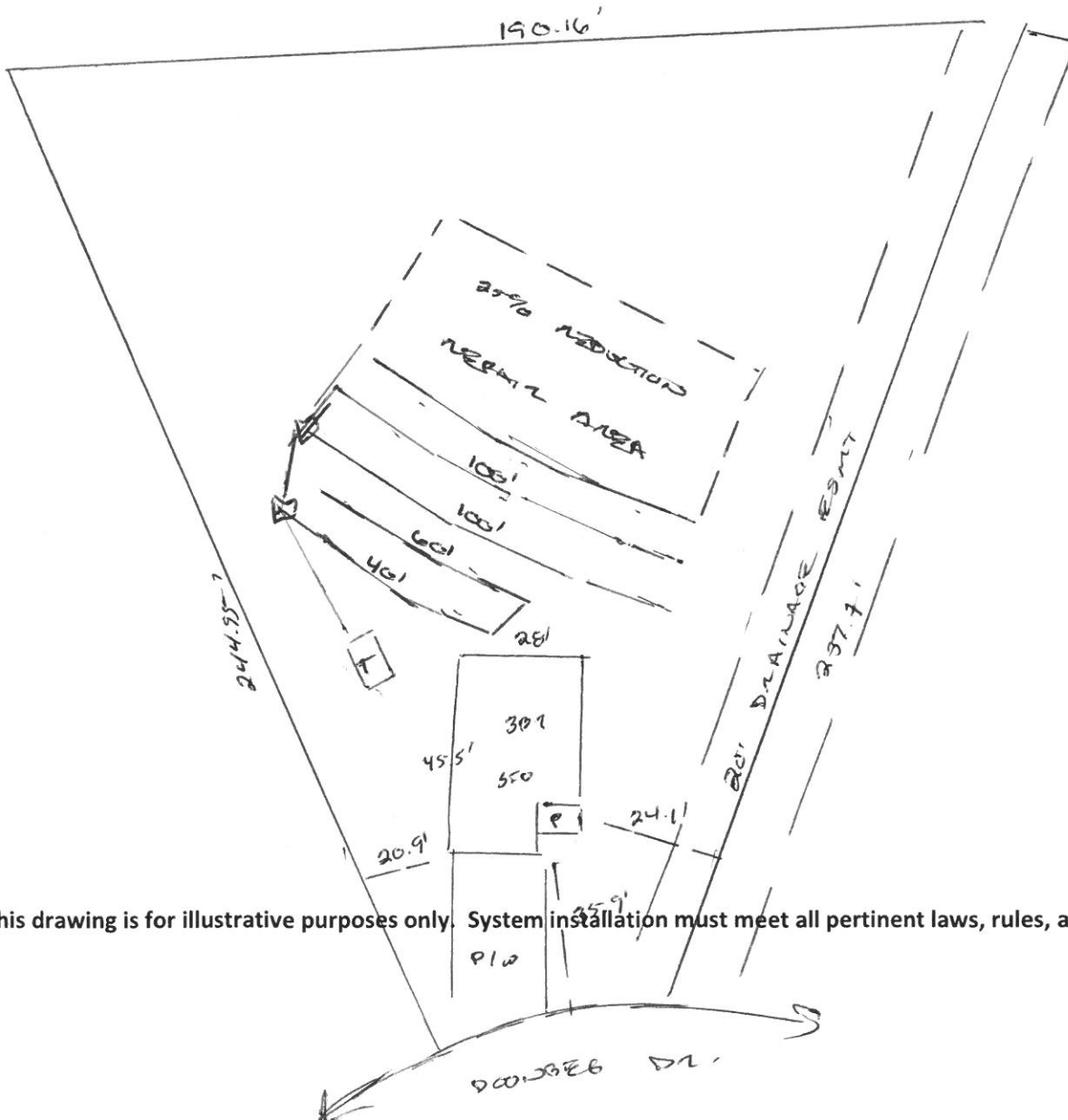
Authorized State Agent: _____



Date: 07/21/2020

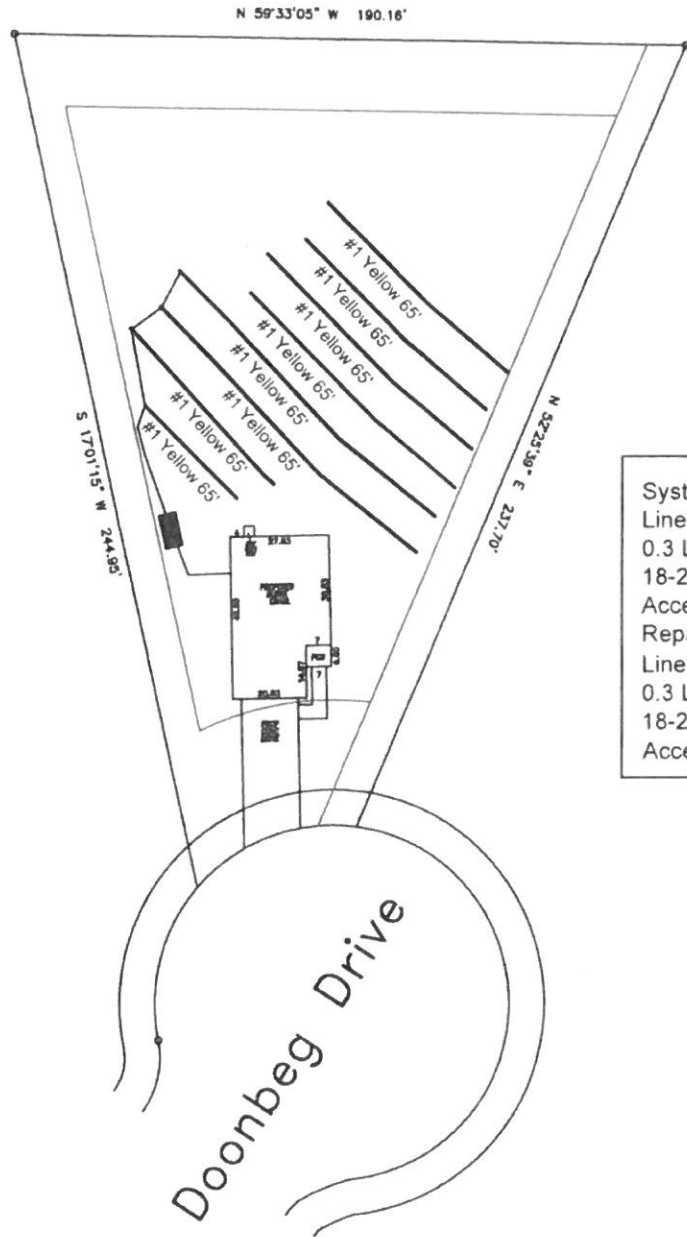
ADDED COMMENT

- * GRAVITY TO P-BOX EQUAL DISTRIBUTION
OR
300FT SERIAL 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 #159



System: Gravity to Serial Dist
 Lines: 1-4 (300')
 0.3 LTAR
 18-24" Trench Bottom
 Accepted Status System
 Repair: Gravity to Serial Dist
 Lines: 5-8 (300')
 0.3 LTAR
 18-24" Trench Bottom
 Accepted Status System

Doonbeg Drive

GRAPHIC SCALE
 1" = 50'



Adams
 Soil Consulting
 919-414-6761
 Job #708

Avery Pond

Lot #159

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	Yellow			4.8	97.2	40	40
2	Red			5.8	96.2	68	60
3	White			6.8	95.2	110	100
4	Blue			7.8	94.2	100	100
5	Pink			8.7	93.3	90	80
6	Orange			9.7		85	80
7	Yellow			10.5		75	70
8	Red			11.3		70	70

Total

	<u>System</u> Lines 1-4	<u>Repair</u> Lines 5-8
System Type	Accepted Status System EZ-FLOW	Accepted Status System EZ-FLOW
Suggested Soil LTAR	0.30	0.30
Total Line Length	255	260
Square Footage	765	780
Proposed Trench Bottom	18"	18"
Distribution Method	Gravity to Serial Dist.	Gravity to Serial Dist.