

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: 20 Doonbeg Dr. (Chalybeate Rd. SR 1429)
 SUBDIVISION Avery Pond Phase IIID LOT # 165
 NEW REPAIR EXPANSION Site Improvements required prior to Construction Authorization Issuance:
 Type of Structure: 36x46 sfd, 4 beds 2.5 baths
 Proposed Wastewater System Type: 25% Reduction Sys.
 Projected Daily Flow: 480 GPD
 Number of bedrooms: 4 Number of Occupants: 8 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: 07/09/2020 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.

ISSUED TO: LGI Homes - NC, LLC PROPERTY LOCATION: 20 Doonbeg Dr. (Chalybeate Rd. SR 1429)
 SUBDIVISION Avery Pond Phase IIID LOT # 165
 Facility Type: 36x46 sfd, 4 beds 2.5 batl New Expansion Repair
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** 25% Reduction System (Initial) Wastewater Flow: 480 GPD
 (See note below, if applicable
50% Reduction PPBPS System (Repair)
Installation Requirements/Conditions
 Septic Tank Size 1000 gallons Exact length of each trench 360 feet Trench Spacing: 9 Feet on Center
 Pump Tank Size _____ gallons Trenches shall be installed on contour at a Soil Cover: 6-12 inches
 Maximum Trench Depth of: 18-24 inches (Maximum soil cover shall not exceed
 (Trench bottoms shall be level to +/-1/4" 36" above the trench bottom)
 in all directions)
 Pump Requirements: _____ ft. TDH vs. _____ GPM Aggregate Depth: NA inches below pipe
 Conditions: Gravity to D-Box, Proposal by Adams Soil Consulting NA inches above pipe
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: 07/09/2020
ANDREW CURRIN Construction Authorization Expiration Date: 07/09/2025

Harnett County Department of Public Health Site Sketch

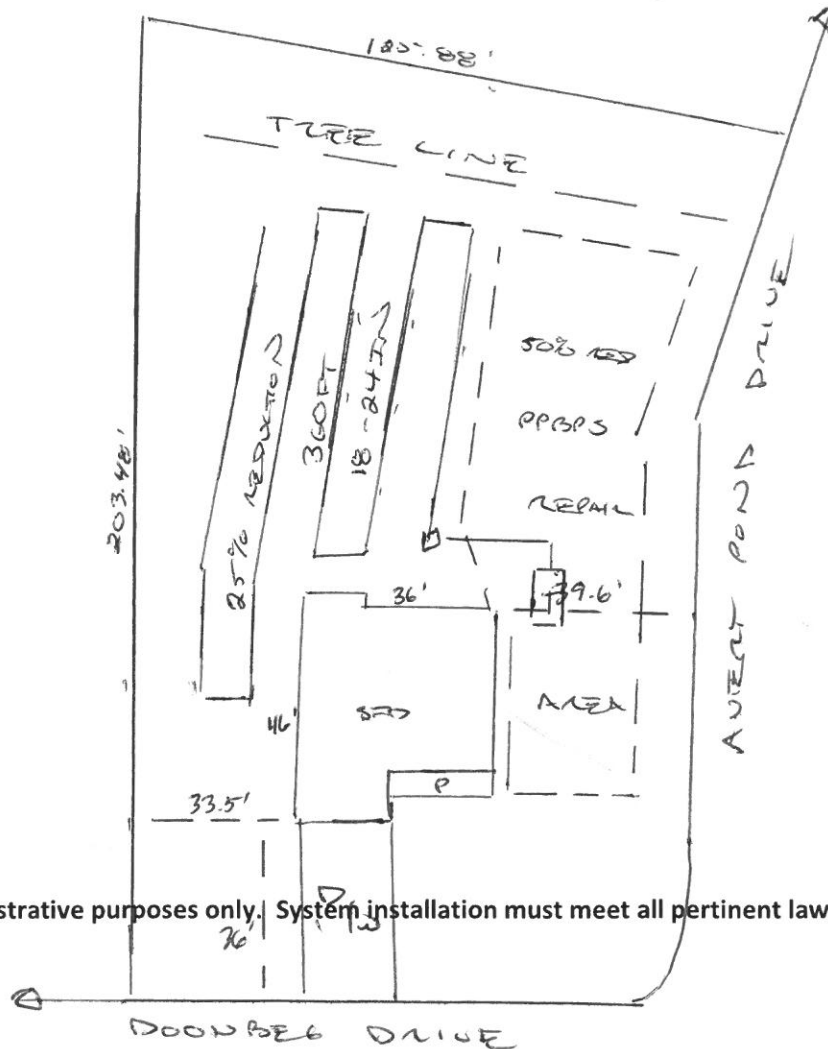
Property Location: 20 Doonbeg Drive (Chalybeate Road - SR 1429)

Issued To: LGI Homes-NC, LLC Subdivision Avery Pond Phase IIID Lot # 165

Authorized State Agent:  Date: 07/09/2020

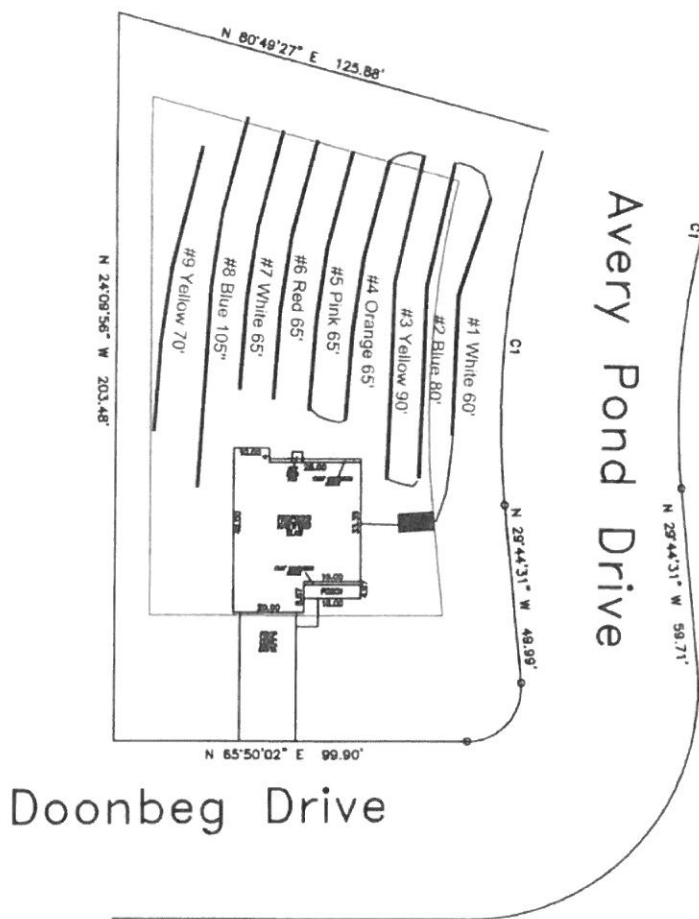
ANDREW CURRAN

- * GRAVITY TO D-BOX SEWER DISTRIBUTION
- * PROPOSAL BY ADAMS SOIL CONSULTING
- * MEET ONSITE MAY BE REQUIRED
- * TREE LINE BRUSH CLEARING REQUIRED
- * PROPERTY LINES WILL NEED TO BE MARKED



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

Avery Pond 4-Bedroom Septic Proposal Lot #165



System: Gravity to Serial Dist
 Lines: 1-5 (360')
 0.35 LTAR
 18-24" Trench Bottom
 Accepted Status System
 Repair: Pressure Manifold
 Lines: 6-9 (260')
 0.35 LTAR
 18-24" Trench Bottom
 T&J Panel 50% Reduction System

GRAPHIC SCALE
 1" = 50'



Adams
 Soil Consulting
 919-414-6761
 Job #708

Avery Pond

Lot #165

4-Bedroom Home (480 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	White			2.6	99.4	60	60
2	Blue			3	99	81	80
3	Yellow			3.4	98.6	90	90
4	Orange			3.8	98.2	65	65
5	Pink			4.2	97.8	65	65
6	Red			4.5	97.5	65	65
7	White			4.7	97.3	65	65
8	Blue			4.9	97.1	107	100
9	Yellow			5		70	70

Total

	<u>System</u>	<u>Repair</u>
	Lines 1-5	Lines 6-9
System Type	Accepted Status System EZ-FLOW	T&J Panel 50% Reduction System
Suggested Soil LTAR	0.350	0.350
Total Line Length	360	235
Square Footage	1080	705
Proposed Trench Bottom	18-24"	18-24"
Distribution Method	Gravity to Serial Dist	Pressure Manifold