

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: 66 Tralee Ct. (Chalybeate Road - SR 1429)
 SUBDIVISION Avery Pond LOT # 186
 NEW REPAIR EXPANSION Site Improvements required prior to Construction Authorization Issuance:
 Type of Structure: 3-Bedroom 27.10'x 45.6' SFD Mono Slab
 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
 Permit conditions: _____ No expiration

Authorized State Agent: [Signature] Date: 04/02/2019 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 - NC, LLC PROPERTY LOCATION: 66 Tralee Ct. (Chalybeate Road - SR 1429)
 SUBDIVISION Avery Pond LOT # 186
 Facility Type: 3-3 Bedroom 27.10'x 45.6' SFD Mono 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)
50% Reduction System (Repair)

<u>Installation Requirements/Conditions</u>		Number of trenches <u>2</u>
Septic Tank Size <u>1000</u> gallons	Exact length of each trench <u>115</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>24</u> inches (Trench bottoms shall be level to +/-1/4" in all directions)	Soil Cover: <u>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: <u>Gravity to D-Box; Septic proposal by Adams Soil Consulting.</u>		

**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: 04/02/2019
ANDREW CURRIN Construction Authorization Expiration Date: 04/02/2024

HTE# SFD1902-0057

Permit # NA

Harnett County Department of Public Health Site Sketch

521429

PROPERTY LOCATOR: 66 Trailer Ct. (Chalybeate Road)

ISSUED TO: LGI HOMES NC LLC

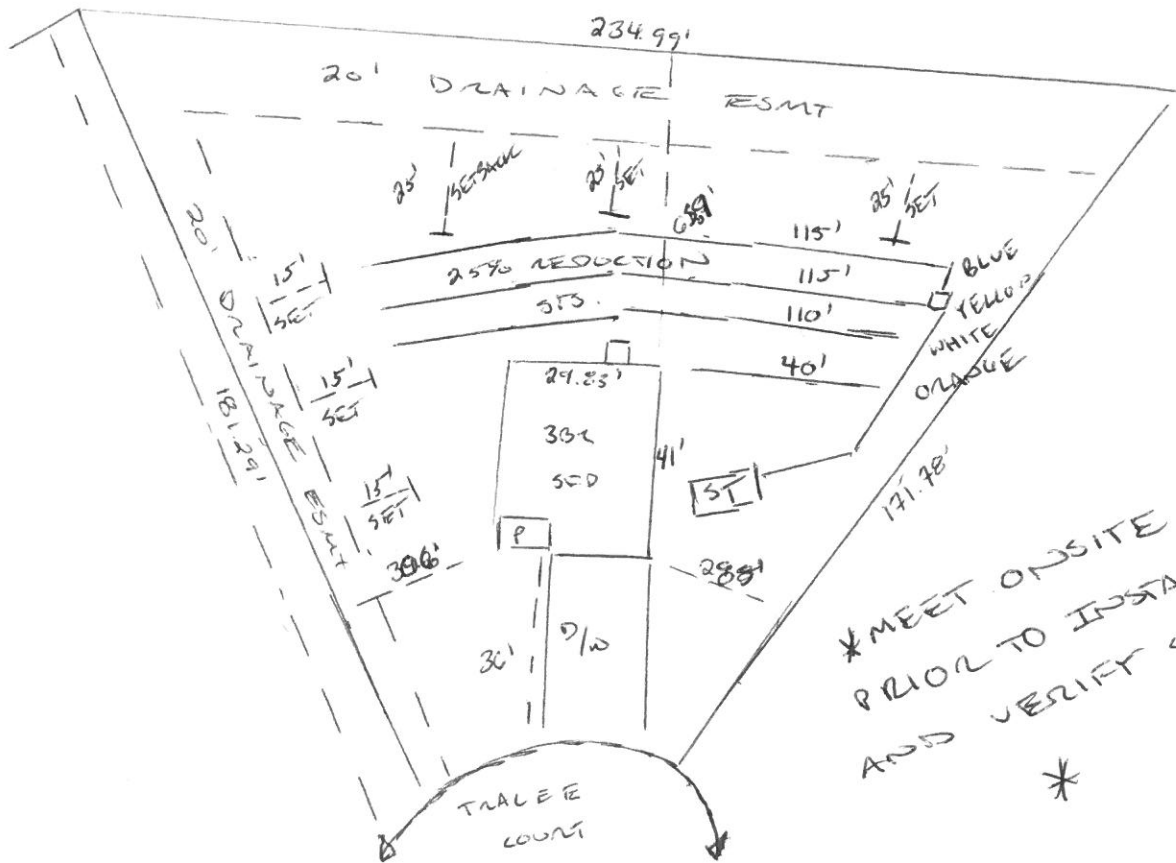
SUBDIVISION Avery Pond

LOT # 186

Authorized State Agent: *Andrew Curran*
ANDREW CURRAN

Date: 04/02/2019

* INITIAL SYS. 230' 25% REDUCTION
W/ 25' DRAINAGE ESMT SETBACK (BACK)
2 115' LINES & 15' DRAINAGE
ESMT SETBACK (SIDE)

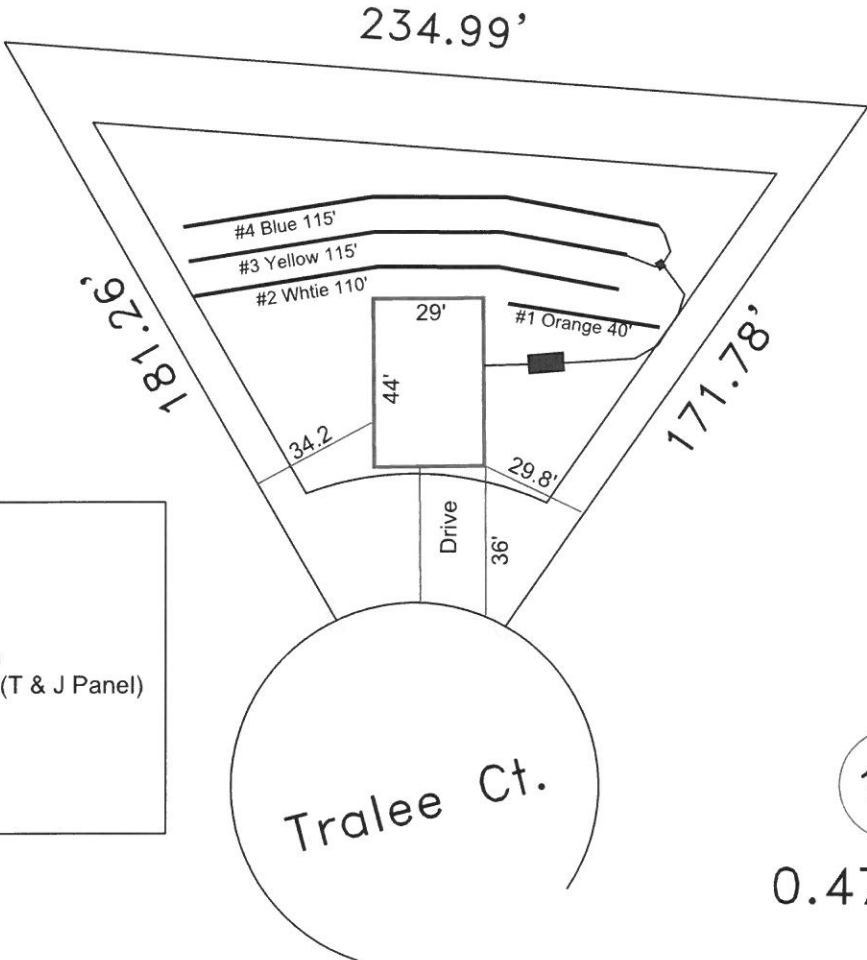


Avery Pond
Lot #186

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>Pink</i>			<i>3.4</i>	<i>98.6</i>	<i>43</i>	<i>40</i>
<i>2</i>	<i>White</i>			<i>3.7</i>	<i>98.3</i>	<i>120</i>	<i>110</i>
<i>3</i>	<i>Yellow</i>			<i>4.1</i>	<i>97.9</i>	<i>125</i>	<i>115</i>
<i>4</i>	<i>Blue</i>			<i>4.4</i>	<i>97.6</i>	<i>140</i>	<i>115</i>
				<u>System</u>		<u>Repair</u>	
				Lines 3-4		Lines 1-2	
	System Type			Accepted Status System		T & J Panel System	
				EZ-FLOW		50% Reduction	
	Suggested Soil LTAR			0.40		0.40	
	Total Line Length			230		150	
	Square Footage			690		450	
	Proposed Trench Bottom			24"		24"	
	Distribution Method			Gravity to D-Box		Pump Distribution	

Avery Pond 3-Bedroom Septic Proposal Lot #186



System: Gravity D-Box
 Lines: 3-4 (230')
 0.4 LTAR
 24" Trench Bottom
 Accepted Status System
 Repair: 50% Reduction (T & J Panel)
 Lines: 1-2 (150')
 0.4 LTAR
 24" Trench Bottom

186

0.477 AC.

GRAPHIC SCALE
 1" = 50'



Adams
 Soil Consulting
 919-414-6761
 Job #708