

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: 79 Kingsale Ct. (Charlottesville Road)
 SUBDIVISION: Avery Pond LOT # 170
 NEW REPAIR EXPANSION
 Type of Structure: 3-Bedroom 51'x39' SFD
 Proposed Wastewater System Type: 50% Reduction PPBPS
 Projected Daily Flow: 360 GPD
 Number of bedrooms: 3 Number of Occupants: 5 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 No expiration
 Permit conditions: _____

Authorized State Agent: [Signature] Date: 06/04/2019 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: 79 Kingsale Ct. (Charlottesville Road)
 SUBDIVISION: Avery Pond LOT # 170
 Facility Type: 3-Bedroom 51'x39' SFD New Expansion Repair
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** 50% PPBPS reduction Sys. (Initial) Wastewater Flow: 360 GPD
 (See note below, if applicable
50% Reduction PPBPS (Repair)

Installation Requirements/Conditions

Septic Tank Size <u>1000</u> gallons	Number of trenches <u>2</u>	Trench Spacing: <u>9</u> Feet on Center
Pump Tank Size _____ gallons	Exact length of each trench <u>100</u> feet	Soil Cover: <u>10</u> inches
	Trenches shall be installed on contour at a Maximum Trench Depth of: <u>22</u> inches (Trench bottoms shall be level to +/-1/4" in all directions)	(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: 06/04/2019
ANDREW WARRIN Construction Authorization Expiration Date: 06/04/2024

HTE# ST1903-0048

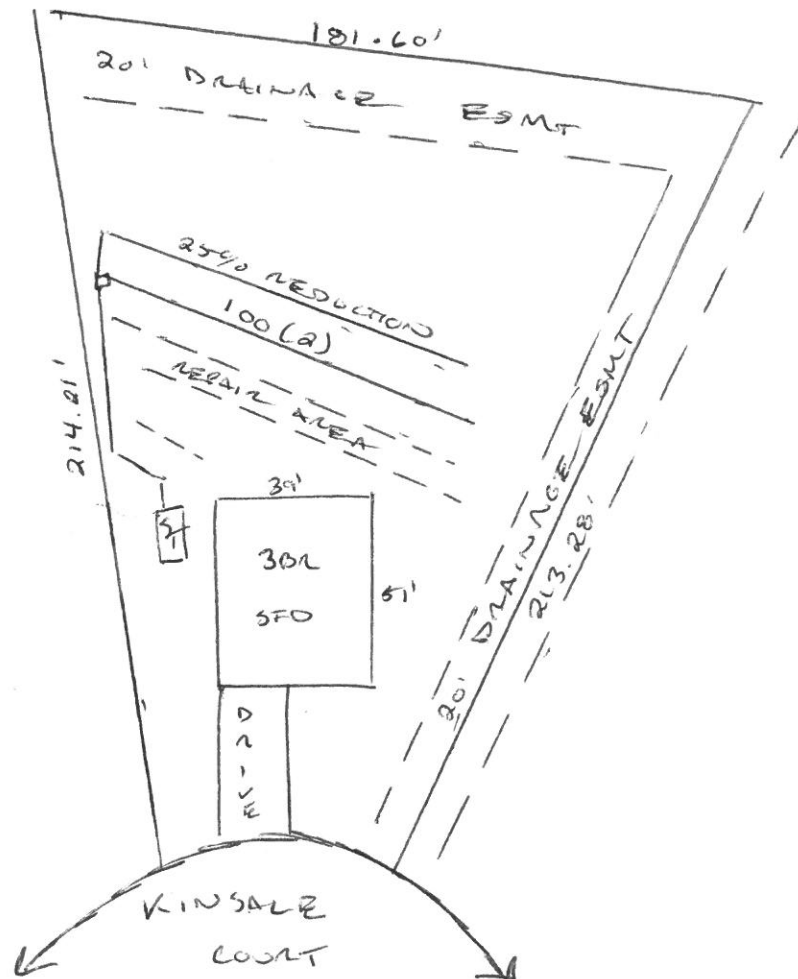
Permit # NA

Harnett County Department of Public Health Site Sketch

ISSUED TO: LGI Home NC, LLC PROPERTY LOCATOR: 79 Kinsale Ct. (Chalyke Road)
SUBDIVISION: Avery Pond LOT # 170

Authorized State Agent: [Signature] Date: 06/04/2019
ANDREW WILSON

*PROPOSAL BY ADAMS SOIL CONSULTING



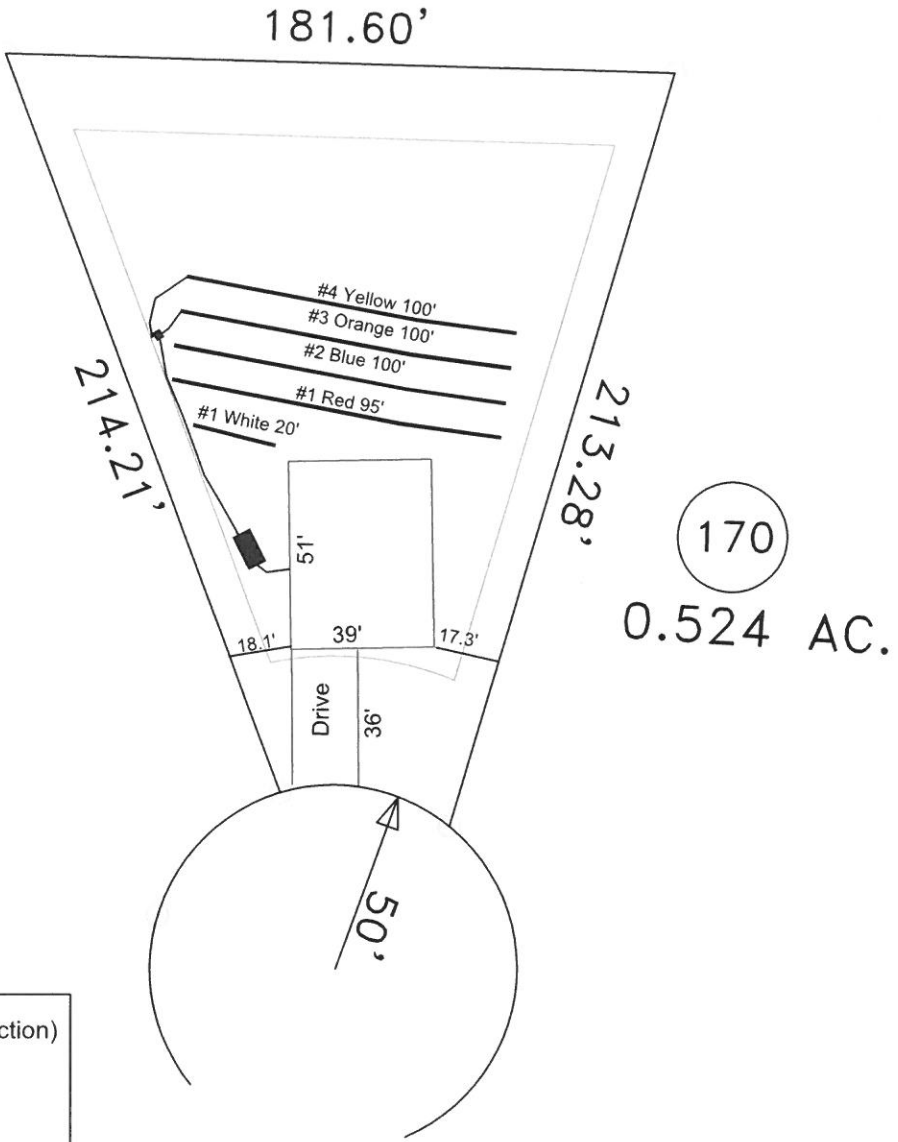
Avery Pond
Lot #170

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>White</i>			<i>3.6</i>	<i>98.4</i>	<i>20</i>	<i>20</i>
<i>2</i>	<i>Red</i>			<i>4.4</i>	<i>97.6</i>	<i>95</i>	<i>90</i>
<i>3</i>	<i>Blue</i>			<i>5.4</i>	<i>96.6</i>	<i>100</i>	<i>90</i>
<i>4</i>	<i>Orange</i>			<i>6.1</i>	<i>95.9</i>	<i>105</i>	<i>100</i>
<i>5</i>	<i>Yellow</i>			<i>6.8</i>	<i>95.2</i>	<i>110</i>	<i>100</i>

	<u>System</u>	<u>Repair</u>
	Lines 4-5	Lines 1-3
System Type	T & J Panel	T & J Panel
	50% Reduction	50% Reduction
Suggested Soil LTAR	0.30	0.30
Total Line Length	200	200
Square Footage	600	600
Proposed Trench Bottom	22"	22"
Distribution Method	Gravity to D-Box	Pressure Manifold

Avery Pond 3-Bedroom Septic Proposal Lot #170



System: T & J Panel (50% Reduction)
 Lines: 4-5 (200')
 0.3 LTAR
 22" Trench Bottom
 Gravity to D-Box
 Repair: Pressure Manifold
 Lines: 1-3 (200')
 0.3 LTAR
 24" Trench Bottom
 50% Reduction System

GRAPHIC SCALE
 1" = 50'



Adams
 Soil Consulting
 919-414-6761
 Job #708