

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: 23 Kinsale Ct. (Chalhyrate Road)
 SUBDIVISION: Avery Pond LOT # 166
 NEW REPAIR EXPANSION
 Type of Structure: 3-Bedroom 44'x30' SFD
 Proposed Wastewater System Type: Pump to 25% Red. 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 conditions: _____ Permit valid for: Five years No expiration

Authorized State Agent: [Signature] Date: 05/30/2019 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: 23 Kinsale Ct. (Chalhyrate Rd.)
 SUBDIVISION: Avery Pond LOT # 166
 Facility Type: 3-Bedroom 44'x30' SFD New Expansion Repair
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** Pump to 25% Reduction Sys. (Initial) Wastewater Flow: 360 GPD
 (See note below, if applicable
Pump to 25% Redo Sys. (Repair)
 Installation Requirements/Conditions
 Septic Tank Size 1000 gallons Number of trenches 4
 Pump Tank Size 1000 gallons Exact length of each trench 75 feet Trench Spacing: 9 Feet on Center
 Trenches shall be installed on contour at a Soil Cover: 6 inches
 Maximum Trench Depth of: 18 inches (Maximum soil cover shall not exceed 36" above the trench bottom)
 (Trench bottoms shall be level to +/-1/4" in all directions)
 Pump Requirements: _____ ft. TDH vs. _____ GPM Aggregate Depth: NA inches below pipe
NA inches above pipe
NA 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: 05/30/2019
ANDREW CURRIN Construction Authorization Expiration Date: 05/30/2024

HTE# SFD1903-0037

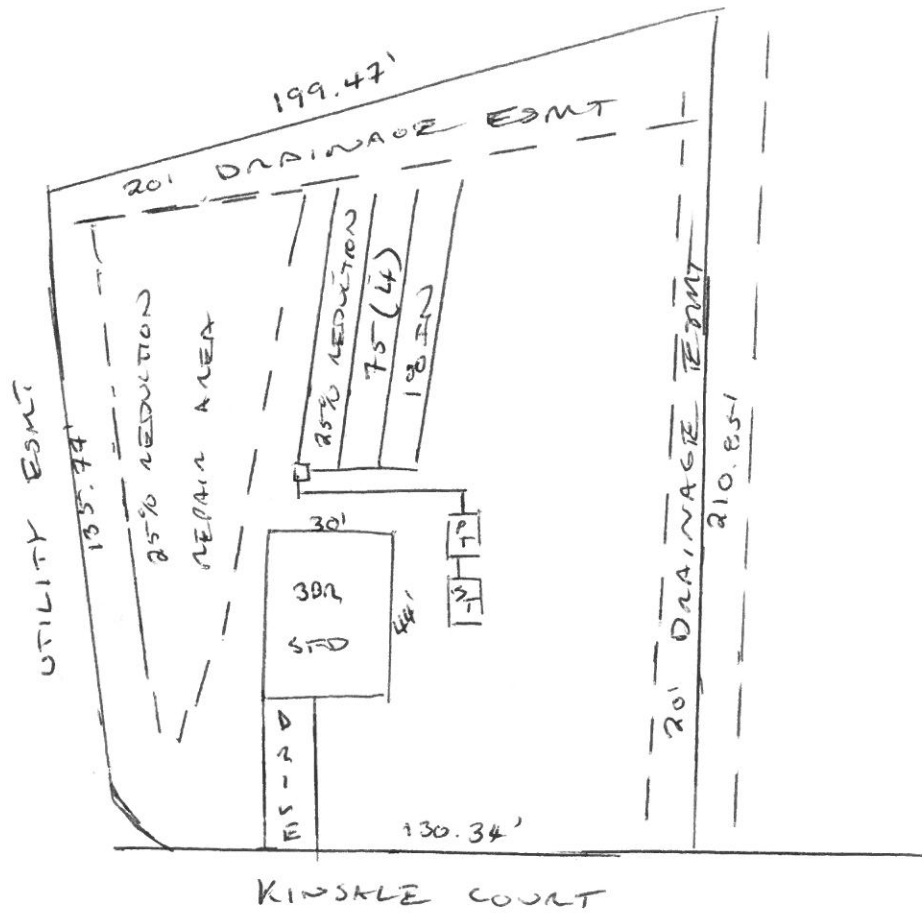
Permit # NA

Harnett County Department of Public Health Site Sketch

ISSUED TO: LGI HOMES NC LLC PROPERTY LOCATOR: 23 Kinsale Ct. (Chal, kee Road)
SUBDIVISION: Avery Pond LOT # 166

Authorized State Agent: *[Signature]* Date: 05/30/2019
ANDREW CURRY

X PROPOSAL BY ADAMS SOIL CONSULTING



Avery Pond

Lot #166

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>0.5</i>	<i>101.5</i>	<i>50</i>	<i>50</i>
<i>2</i>	<i>Orange</i>			<i>1</i>	<i>101</i>	<i>50</i>	<i>50</i>
<i>3</i>	<i>Pink</i>			<i>1.5</i>	<i>100.5</i>	<i>100</i>	<i>100</i>
<i>4</i>	<i>Red</i>			<i>2.3</i>	<i>99.7</i>	<i>100</i>	<i>100</i>
<i>5</i>	<i>Blue</i>			<i>3.3</i>	<i>98.7</i>	<i>95</i>	<i>75</i>
<i>6</i>	<i>White</i>			<i>4.2</i>	<i>97.8</i>	<i>100</i>	<i>75</i>
<i>7</i>	<i>Orange</i>			<i>5.3</i>	<i>96.7</i>	<i>75</i>	<i>75</i>
<i>8</i>	<i>Pink</i>			<i>6.3</i>	<i>95.7</i>	<i>75</i>	<i>75</i>

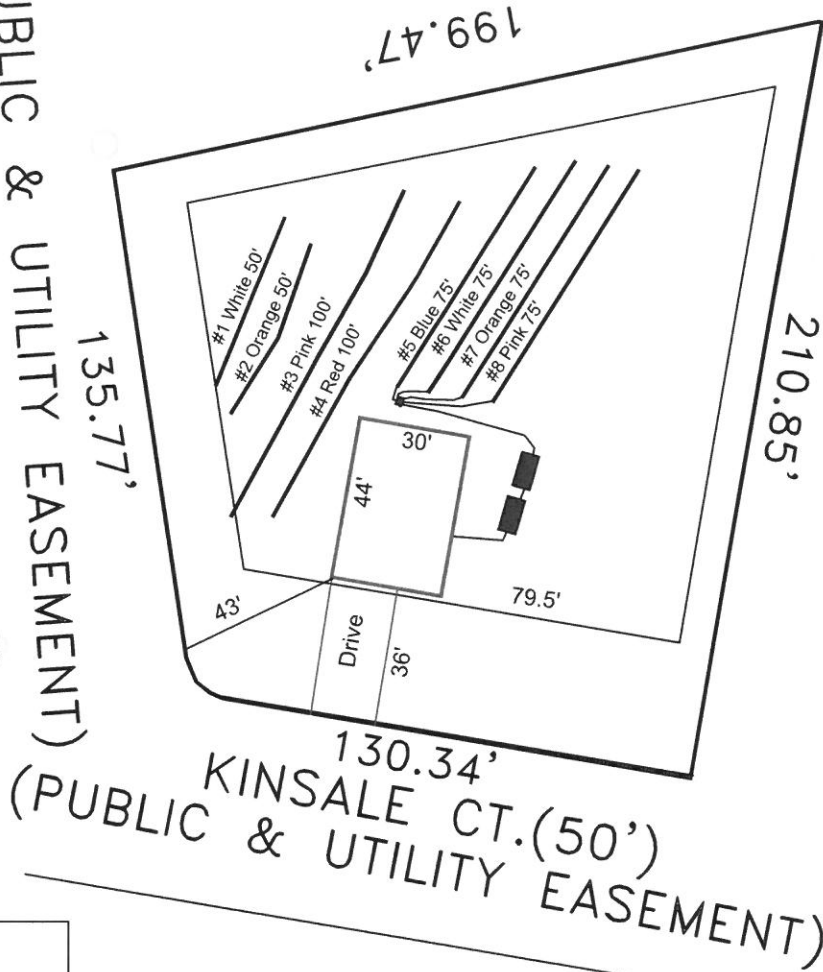
	<u>System</u>	<u>Repair</u>
	Lines 5-8	Lines 1-4
System Type	Accepted Status System EZ-FLOW	Accepted Status System EZ-FLOW
Suggested Soil LTAR	0.30	0.30
Total Line Length	300	300
Square Footage	900	900
Proposed Trench Bottom	18"	18"
Distribution Method	Pump to D- Box	Pressure Manifold

*Once final house grade is established a pump tank may not be required.

Avery Pond 3-Bedroom Septic Proposal Lot #166

(166)
0.46 AC.

(PUBLIC & UTILITY EASEMENT)



System: Pump to D-Box
 Lines: 5-8 (300')
 0.3 LTAR
 18" Trench Bottom
 Accepted Status System
 Repair: Pressure Manifold
 Lines: 1-4 (300')
 0.3 LTAR
 18" Trench Bottom
 Accepted Status System

GRAPHIC SCALE
 1" = 50'



Adams
 Soil Consulting
 919-414-6761
 Job #708