

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: 80 Kinsale Ct. (Chaykate Road)
 SUBDIVISION: Avery Pond LOT # 141
 NEW REPAIR EXPANSION
 Type of Structure: 3-Bedroom 44' x 30' STD
 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
 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: 80 Kinsale Ct. (Chaykate Road)
 SUBDIVISION: Avery Pond LOT # 141
 Facility Type: 3-Bedroom 44' x 30' STD 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 PPBPS (Repair)
 Installation Requirements/Conditions
 Septic Tank Size 1000 gallons Number of trenches 5
 Pump Tank Size 1000 gallons Exact length of each trench 60 feet Trench Spacing: 9 Feet on Center
 Trenches shall be installed on contour at a Soil Cover: 12 inches
 Maximum Trench Depth of: 24 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
 Conditions: _____ 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: 06/04/2019
Andrew Curran Construction Authorization Expiration Date: 06/04/2024

HTE# SP1903-0037

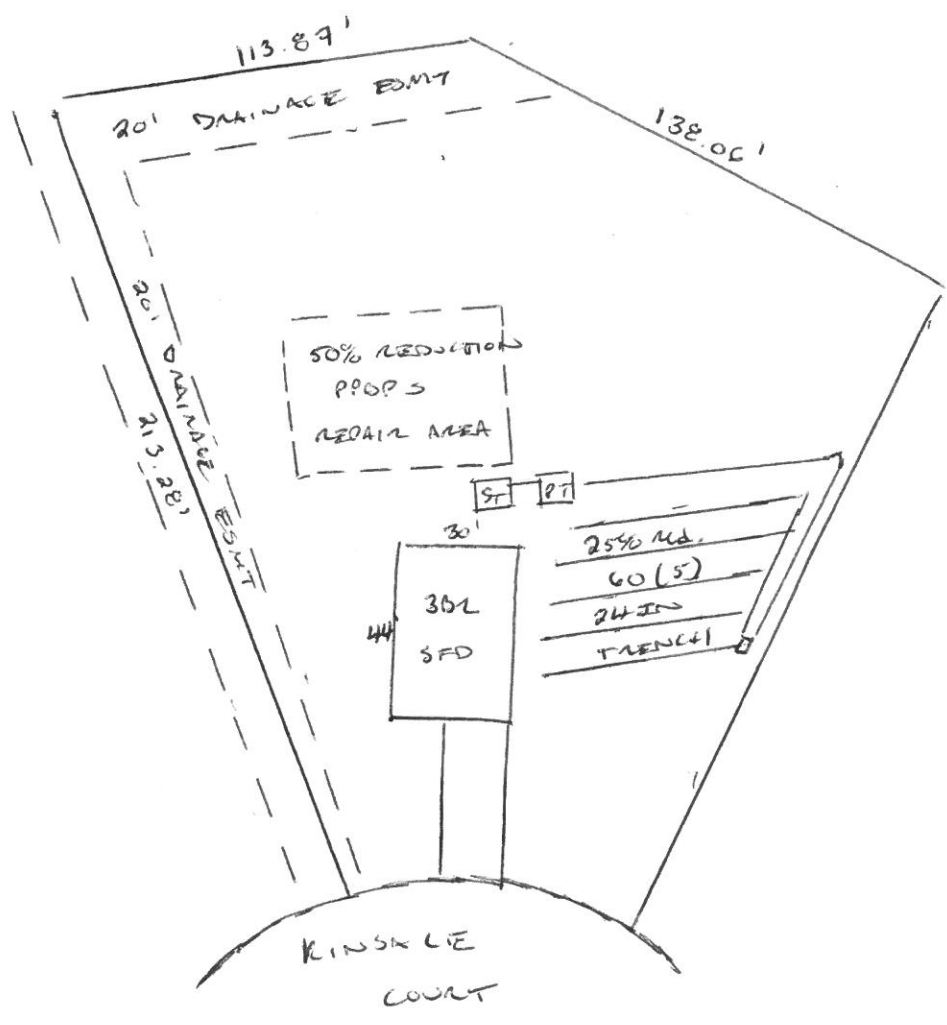
Permit # N/A

Harnett County Department of Public Health Site Sketch

ISSUED TO: LGI HOME NC LLC PROPERTY LOCATOR: 80 Kinsale Ct. (Chalybeate Road)
SUBDIVISION: Avery Pond LOT # 171

Authorized State Agent: *Andrew Coran* Date: 06/04/2019
ANDREW CORAN

SOIL PROPOSAL BY ADAMS SOIL CONSULTING



Avery Pond

Lot #171

3-Bedroom Home (360 gal./day)

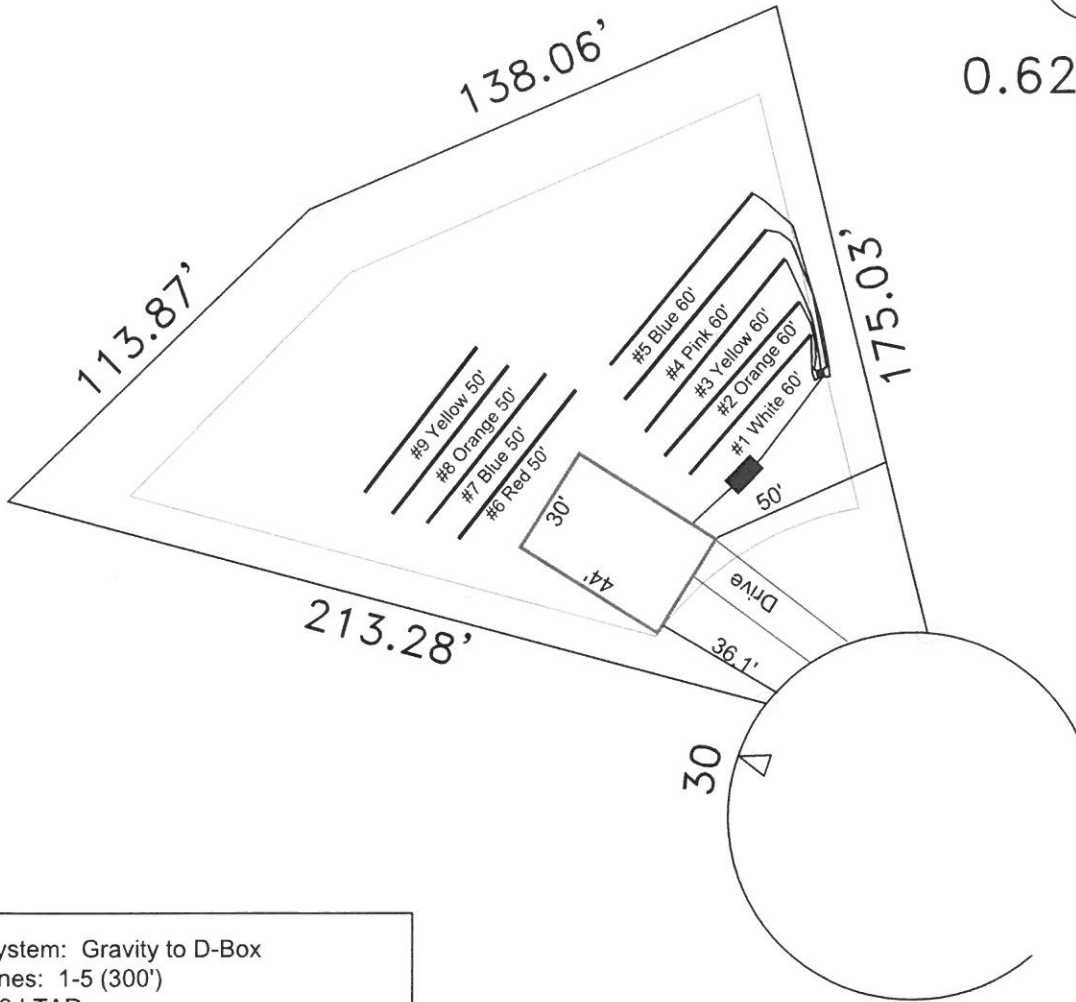
<u>LINE #</u>	<u>COLOR</u>	<u>BS</u>	<u>HI</u>	<u>FS</u>	<u>ELEVATION</u>	<u>LINE LENGTH</u>	<u>Design Length</u>
TBM		2.0		100.0		<u>in field</u>	<u>installation</u>
INST. 1			102.0				
1	<i>White</i>			3.6	98.4	60	60
2	<i>Orange</i>			4.4	97.6	60	60
3	<i>Yellow</i>			5.4	96.6	60	60
4	<i>Pink</i>			6.1	95.9	60	60
5	<i>Blue</i>			6.8	95.2	60	60
6	<i>Red</i>			8.1	93.9	50	50
7	<i>Blue</i>			9	93	50	50
8	<i>Orange</i>			10.3	91.7	50	50
9	<i>Blue</i>			11.3	90.7	50	50

	<u>System</u>	<u>Repair</u>
	Lines 1-5	Lines 6-9
System Type	Accepted Status System EZ-FLOW	T & J Panel 50% Reduction
Suggested Soil LTAR	0.30	0.30
Total Line Length	300	200
Square Footage	900	600
Proposed Trench Bottom	24"	20"
Distribution Method	Gravity to D-Box	Gravity to D-Box

Avery Pond 3-Bedroom Septic Proposal Lot #171

171

0.620 AC.



System: Gravity to D-Box
Lines: 1-5 (300')
0.3 LTAR
24" Trench Bottom
Accepted Status System
Repair: T & J Panel - Pressure Manifold
Lines: 7-10 (200')
0.3 LTAR
22" Trench Bottom
50% Reduction System

GRAPHIC SCALE
1" = 50'

