

## 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: 127 Lahinch Dr. (Chalybeate Rd. - SR 142)  
 SUBDIVISION Avery Pond LOT # 121

NEW  REPAIR  EXPANSION  Site Improvements required prior to Construction Authorization Issuance:

Type of Structure: 3-Bedroom SFD

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:  Date: 06/05/2020 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: 127 Lahinch Dr. (Chalybeate Rd. - SR 142)  
 SUBDIVISION Avery Pond LOT # 121

Facility Type: 3-Bedroom SFD  New  Expansion  Repair

Basement?  Yes  No Basement Fixtures?  Yes  No

Type of Wastewater System\*\* 25% Reduction Sys. (Initial) Wastewater Flow: 360 GPD  
 (See note below, if applicable  25% Reduction Sys. (Repair))

Installation Requirements/Conditions

Septic Tank Size <u>1000</u> gallons	Number of trenches <u>2</u>	Exact length of each trench <u>120</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	Soil Cover: <u>12</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: NA inches below pipe  
NA inches above pipe  
NA inches total

Conditions: Gravity to D-Box; Proposal by Adams Soil Consulting

**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:  Date: 06/05/2020  
ANDREW WAIN Construction Authorization Expiration Date: 06/05/2025

Application # SFD2005-0056

# Harnett County Department of Public Health Site Sketch

Property Location: 127 Lahinch Dr. (Chalybeate Road - Sr 1429)

Issued To: LGI Homes-NC, LLC

Subdivision Avery Pond

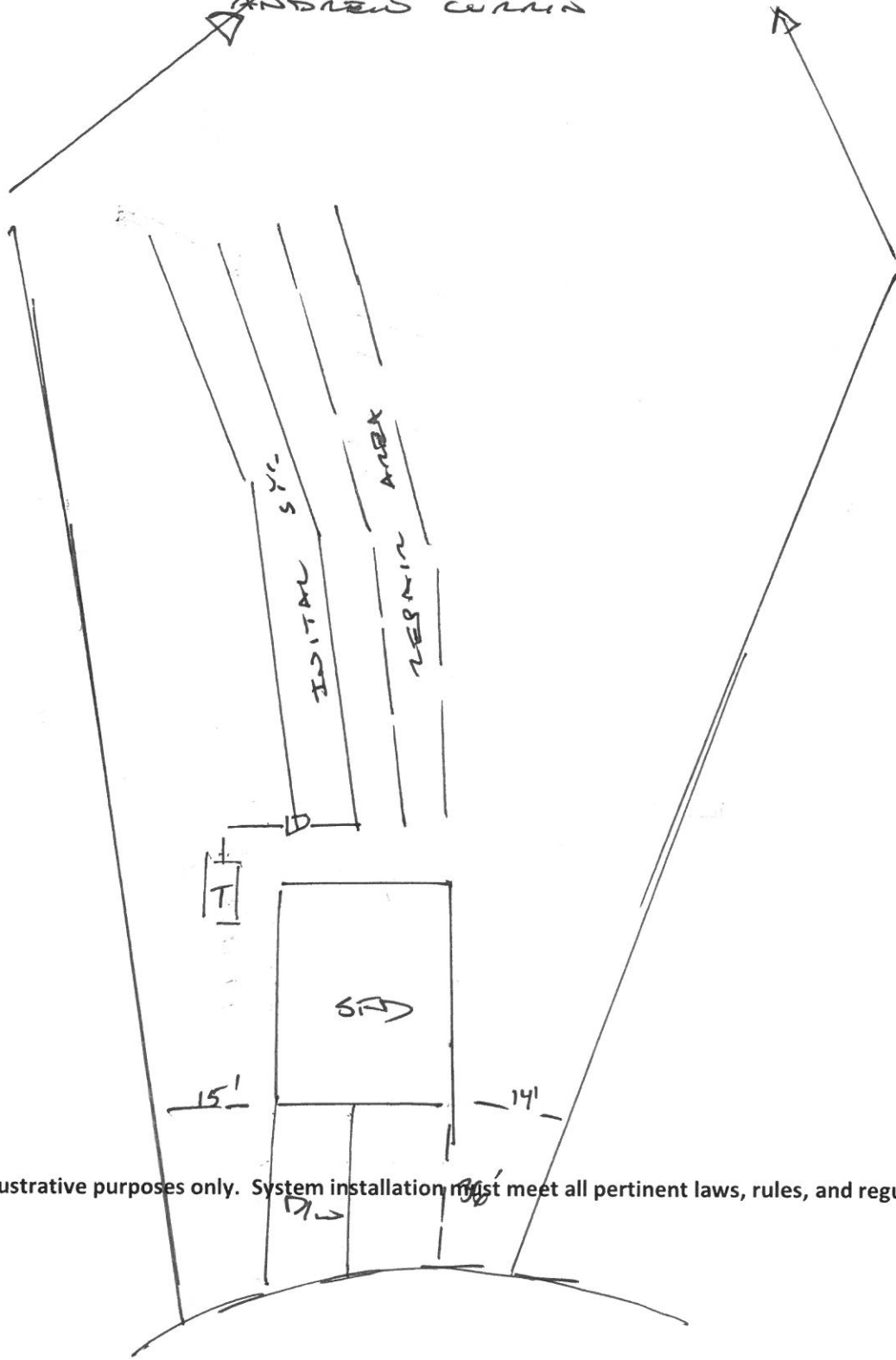
Lot # 121

Authorized State Agent:



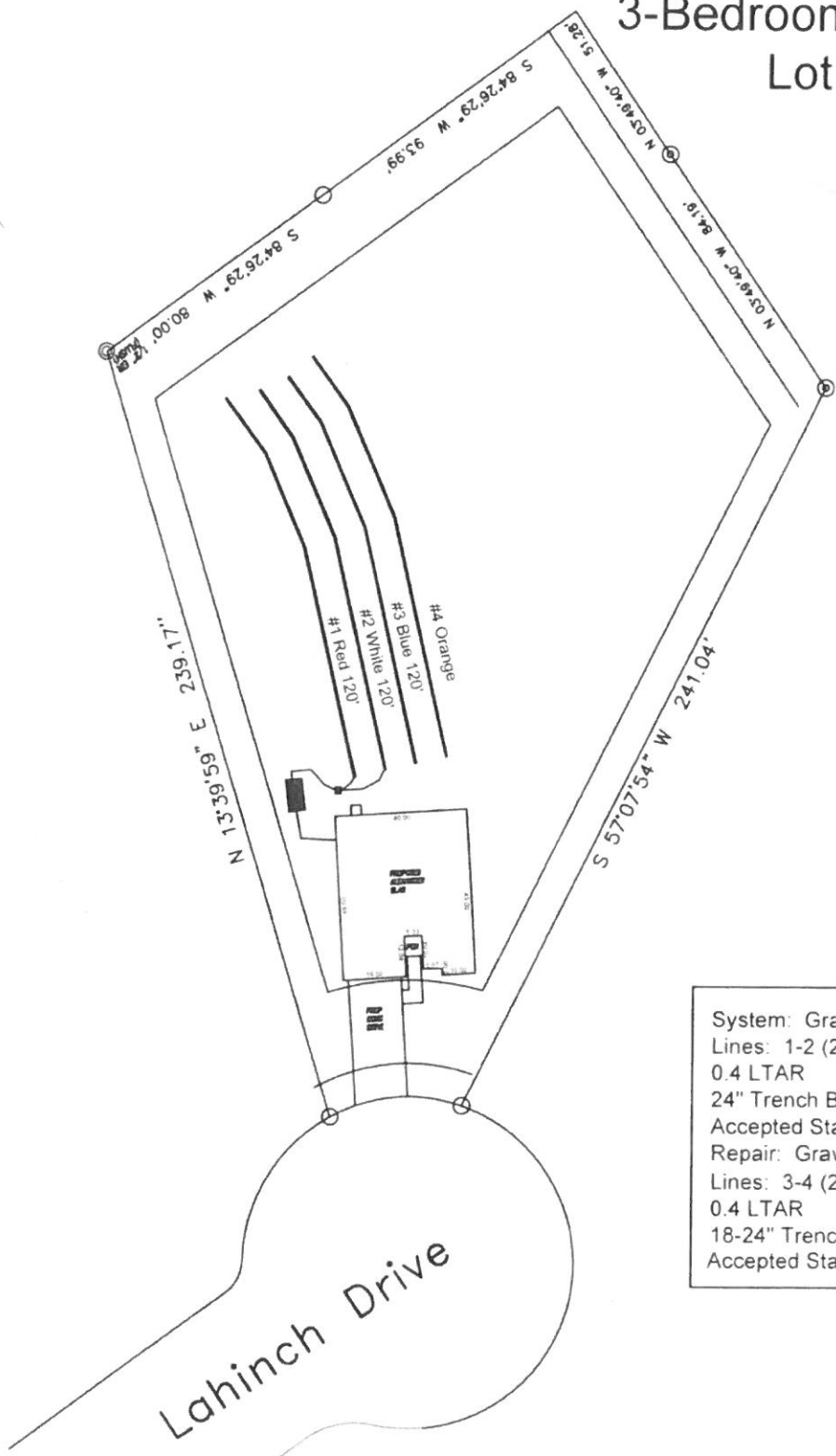
Date: 06/05/2020

ANDREW CURRAN



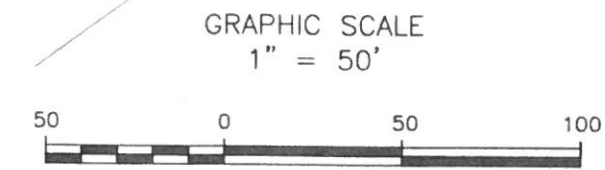
This drawing is for illustrative purposes only. System installation must meet all pertinent laws, rules, and regulations.

# Avery Pond 3-Bedroom Septic Proposal Lot #121



121

System: Gravity to D-Box  
 Lines: 1-2 (240')  
 0.4 LTAR  
 24" Trench Bottom  
 Accepted Status System  
 Repair: Gravity to D-Box  
 Lines: 3-4 (240')  
 0.4 LTAR  
 18-24" Trench Bottom  
 Accepted Status System



Adams  
 Soil Consulting  
 919-414-6761  
 Job #708

*Avery Pond*

*Lot #121*

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	Red			2.9	99.1	135	120
2	White			3.2	98.8	135	120
3	Blue			3.7	98.3	135	120
4	Orange			4.1	97.9	135	120
Total						405	360

System

Repair

Lines 1-2

Lines 3-4

**System Type**

Accepted Status System  
EZ-FLOW

Accepted Status System  
EZ-FLOW

Suggested Soil LTAR

0.40

0.40

**Total Line Length**

240

240

**Square Footage**

720

720

**Proposed Trench Bottom**

24"

24"

**Distribution Method**

Gravity to D-  
Box

Gravity to D-Box