

# Harnett County Department of Public Health Improvement Permit

A building permit cannot be issued with only an Improvement Permit

SR 1429

ISSUED TO: LGI Homes LLC  
NEW  REPAIR  EXPANSION   
Type of Structure: 3-Bedroom 40' x 49' SFD  
Proposed Wastewater System Type: 25% reduction sys.  
Projected Daily Flow: 300 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: \_\_\_\_\_

PROPERTY LOCATION: 882 Avery Pond Dr. (Chalyheete Rd)  
SUBDIVISION Avery Pond #11D LOT # 139  
Site Improvements required prior to Construction Authorization Issuance: \_\_\_\_\_

Permit valid for:  Five years  
 No expiration

Authorized State Agent: [Signature] Date: 02/24/2020 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 LLC

PROPERTY LOCATION: 882 Avery Pond Dr. (Chalyheete Rd)  
SUBDIVISION Avery Pond #11D LOT # 139

Facility Type: 3B 40' x 49' SFD  New  Expansion  Repair  
Basement?  Yes  No Basement Fixtures?  Yes  No  
Type of Wastewater System\*\* 25% reduction system (Initial) Wastewater Flow: 300 GPD  
(See note below, if applicable   
25% reduction sys. (Repair)

### Installation Requirements/Conditions

Septic Tank Size 1000 gallons  
Pump Tank Size \_\_\_\_\_ gallons  
Number of trenches 3  
Exact length of each trench 85 feet  
Trenches shall be installed on contour at a Maximum Trench Depth of: 18-24 inches (Trench bottoms shall be level to +/- 1/4" in all directions)  
Trench Spacing: 9 Feet on Center  
Soil Cover: 6-12 inches (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: 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: [Signature] Date: 02/24/2020  
ANDREW CURRIE Construction Authorization Expiration Date: 02/24/2025

Application # 5:TD2008-6010

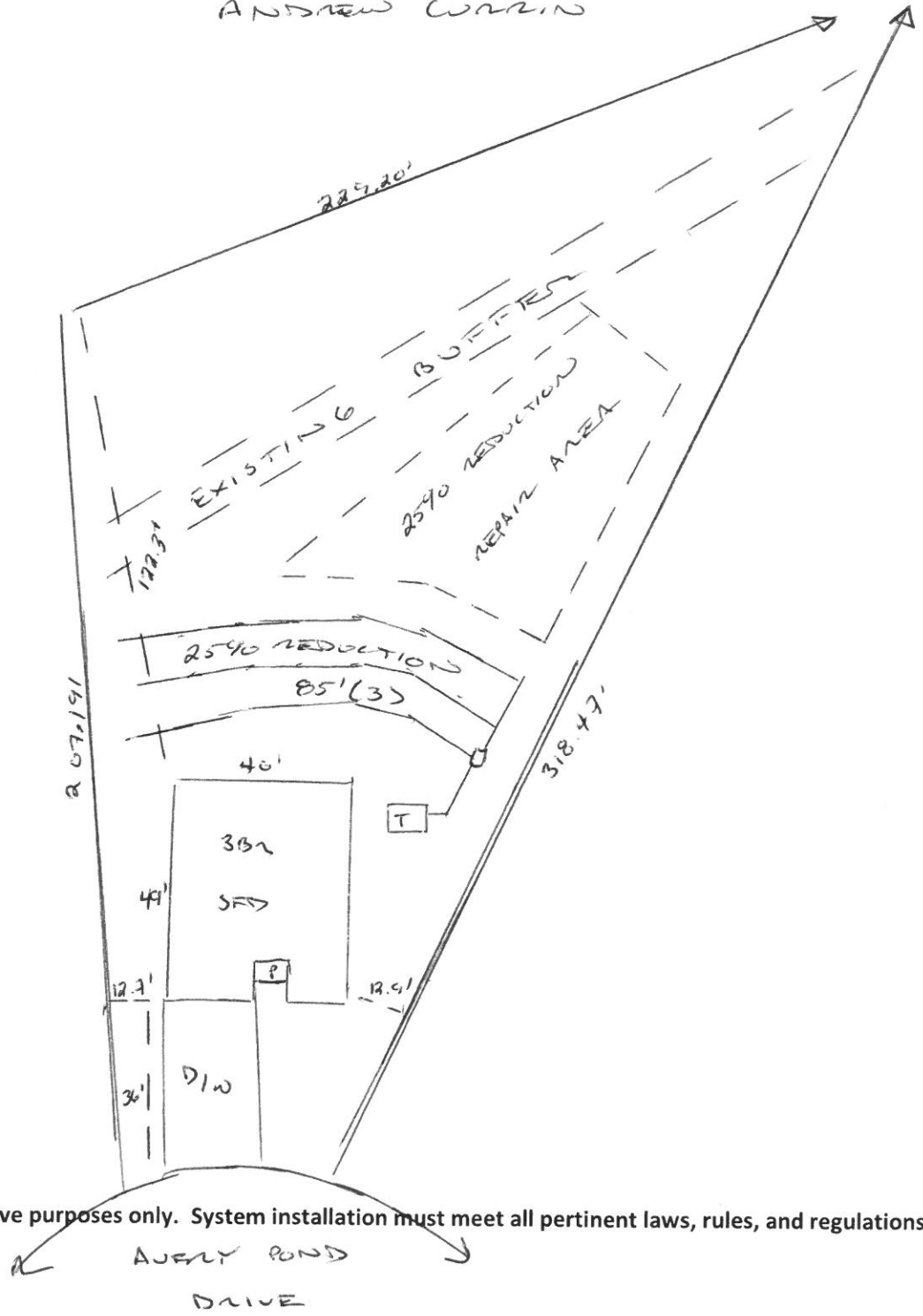
# Harnett County Department of Public Health Site Sketch

Property Location: 882 Avery Pond Drive (Chalybeate Road - S2 1429)

Issued To: LGI HOMES LLC Subdivision Avery Pond IHD Lot # 139

Authorized State Agent: *Andrew Corrin* Date: 02/24/2020  
ANDREW CORRIN

\* GRAVITY TO  
D-BOX EQUAL  
DISTRIBUTION  
\* PROPOSAL BY  
ADAMS SOIL  
CONSULTING



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

**Avery Pond**  
**Lot #139**

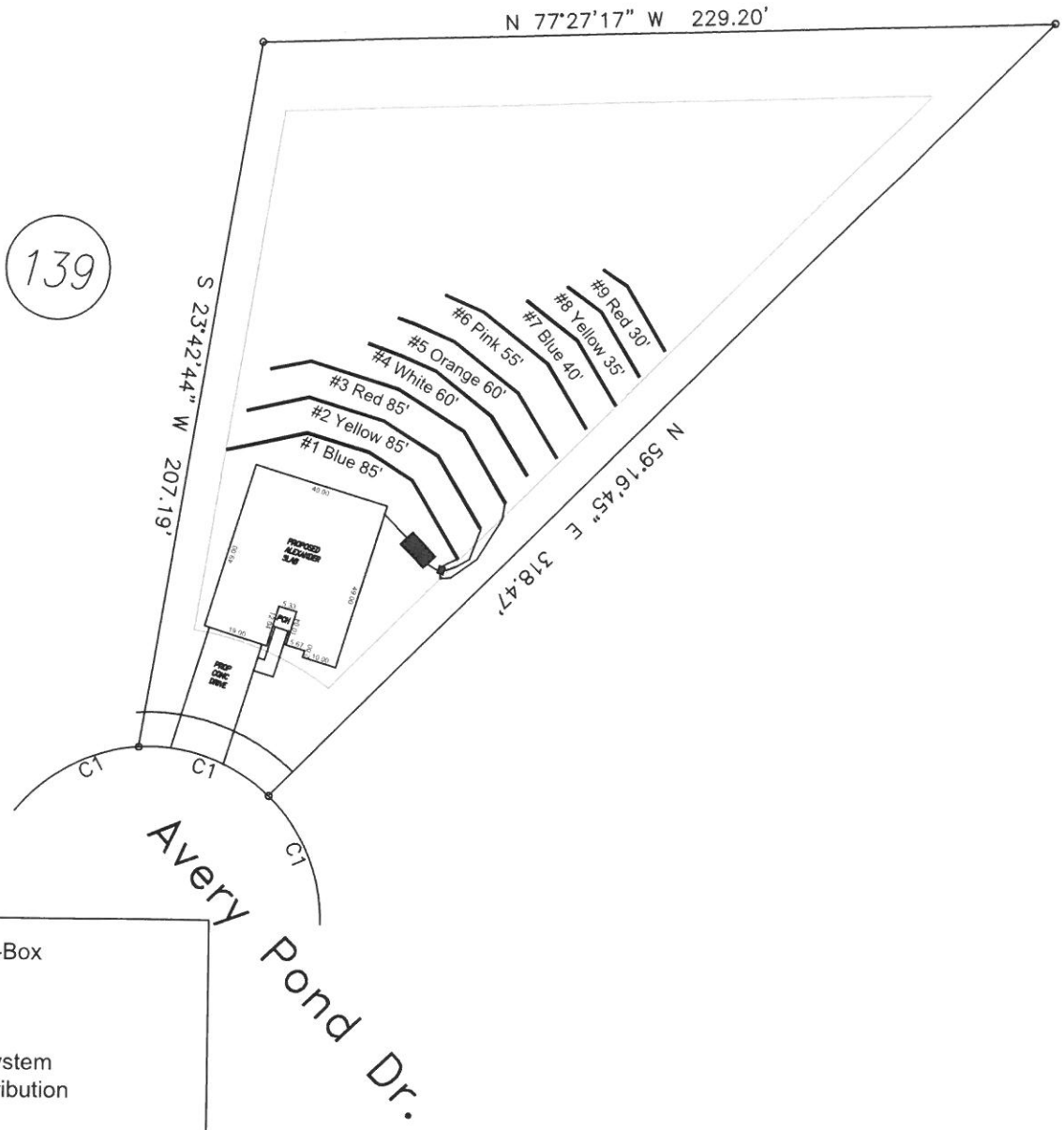
3-Bedroom Home (360 gal./day)

<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	Blue			3	99	90	85
2	Yellow			3.3	98.7	95	85
3	Red			3.6	98.4	98	85
4	White			4	98	63	60
5	Orange			4.3	97.7	60	60
6	Pink			4.7	97.3	55	55
7	Blue			5.5	96.5	40	40
8	Yellow			5.9	96.1	35	35
9	Red			6.4	95.6	30	30
Total						566	535

	<u>System</u>	<u>Repair</u>
	Lines 1-3	Lines 4-9
<b>System Type</b>	Accepted Status System EZ-FLOW	Accepted Status System EZ-FLOW
Suggested Soil LTAR	0.35	0.35
<b>Total Line Length</b>	255	280
<b>Square Footage</b>	765	840
<b>Proposed Trench Bottom</b>	18-24"	18-24"
<b>Distribution Method</b>	Gravity to D-Box	Serial Distribution

# Avery Pond 3-Bedroom Septic Proposal Lot #139

139



System: Gravity D-Box  
 Lines: 1-3 (255')  
 0.35 LTAR  
 24" Trench Bottom  
 Accepted Status System  
 Repair: Serial Distribution  
 Lines: 4-9 (280')  
 0.35 LTAR  
 24" Trench Bottom  
 Accepted Status System

GRAPHIC SCALE  
 1" = 50'



Adams  
 Soil Consulting  
 919-414-6761  
 Job #708