

## Harnett County Department of Public Health Improvement Permit

A building permit cannot be issued with only an Improvement Permit

521429

ISSUED TO: LGI Homes LLC      PROPERTY LOCATION: 860 Avery Pond Dr. (Chalyhoke Rd.)  
 SUBDIVISION: Avery Pond III      LOT # 141

NEW       REPAIR       EXPANSION

Type of Structure: 3-Bedroom 30'x41' 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: [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: 860 Avery Pond Dr. (Chalyhoke Rd.)  
 SUBDIVISION: Avery Pond III      LOT # 141

Facility Type: 30" 30'x41' SFD       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 )

25% reduction sys. (Repair)

Installation Requirements/Conditions	Number of trenches <u>3</u>	
Septic Tank Size <u>1000</u> gallons	Exact length of each trench <u>90</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>18-24</u> inches (Trench bottoms shall be level to +/-1/4" in all directions)	Soil Cover: <u>6-12</u> inches (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: 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 WARIN      Construction Authorization Expiration Date: 02/24/2025

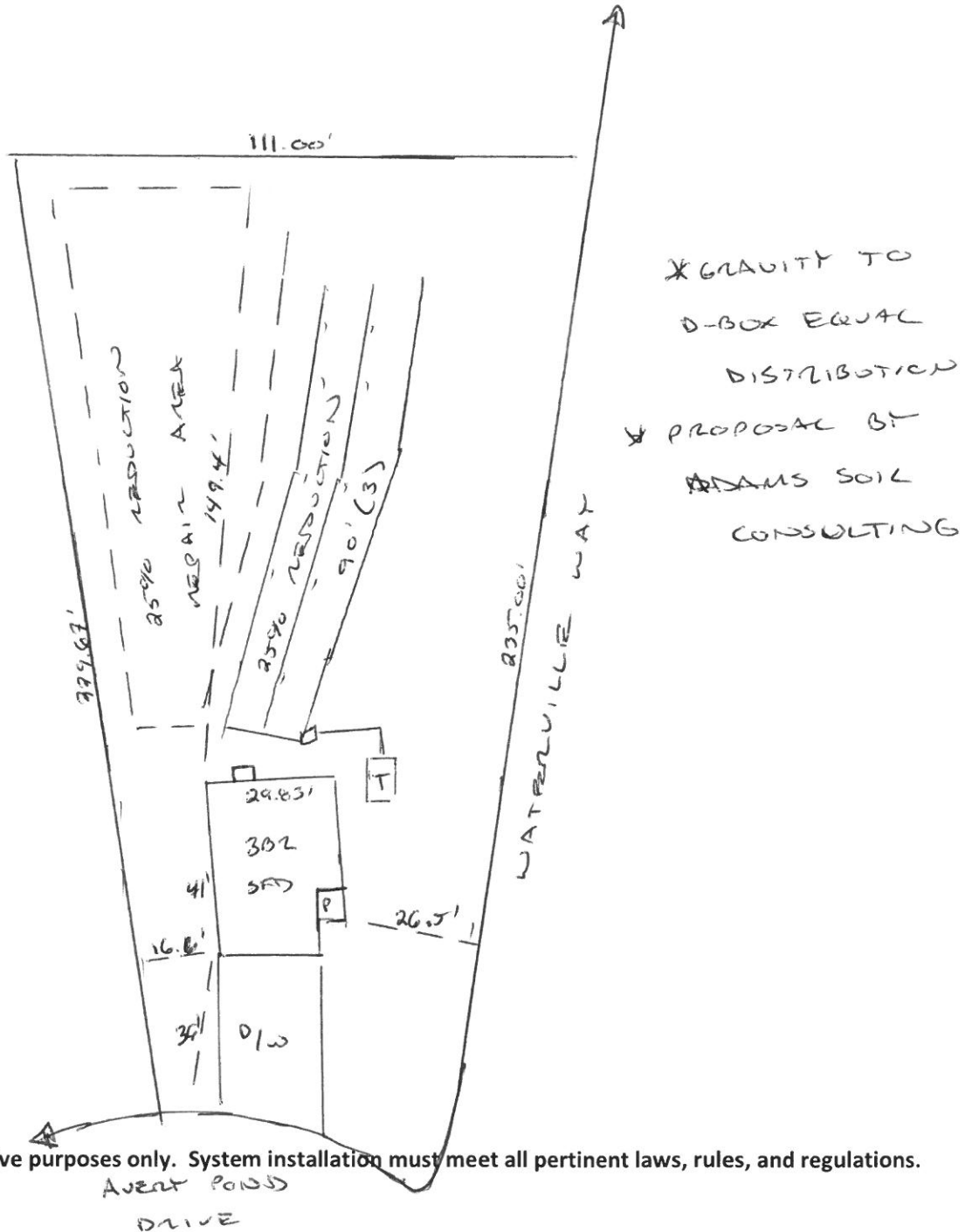
Application # SFD 2002-0014

## Harnett County Department of Public Health Site Sketch

Property Location: 860 Avery Road Dr. (Chalghate Rd. - 521429)

Issued To: LGI Homes LLC Subdivision Avery Road TLD Lot # 141

Authorized State Agent: *Andrew Curran* Date: 02/24/2022  
ANDREW CURRAN



*Avery Pond*

*Lot #141*

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	White			3.6	98.4	132	90
2	Pink			4.1	97.9	137	90
3	Orange			4.7	97.3	135	90
4	Blue			5.3	96.7	125	90
5	Yellow			5.8	96.2	106	90
6	Red			6.4	95.6	90	90
Total						725	540

System

Lines 1-3

**System Type**

Accepted Status System  
EZ-FLOW

Repair

Lines 4-6

Accepted Status System  
EZ-FLOW

Suggested Soil LTAR

0.35

0.35

**Total Line Length**

270

270

**Square Footage**

810

810

**Proposed Trench Bottom**

24"

24"

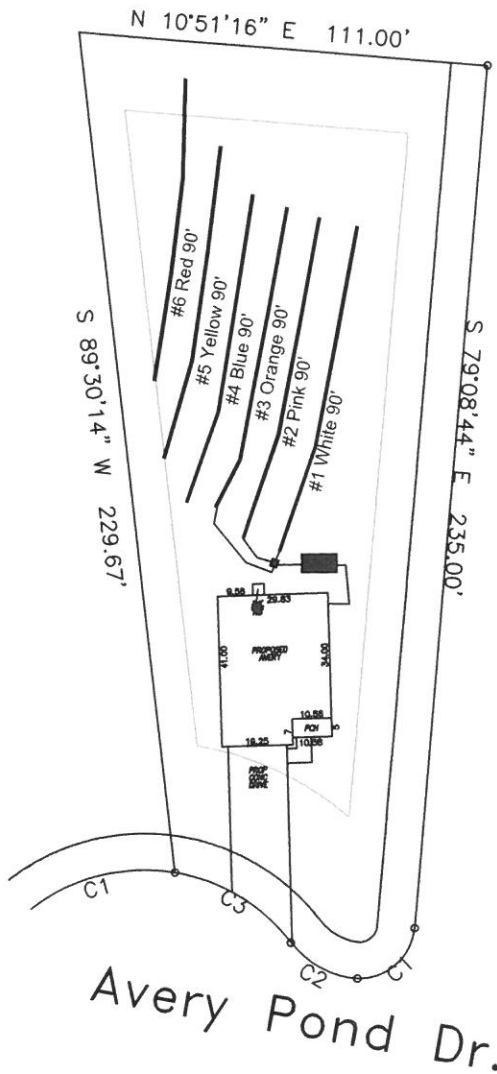
**Distribution Method**

Gravity to D-  
Box

Gravity to D-Box

# Avery Pond 3-Bedroom Septic Proposal Lot #141

141



System: Gravity D-Box  
 Lines: 1-3 (270')  
 0.35 LTAR  
 24" Trench Bottom  
 Accepted Status System  
 Repair: Gravity to D-Box  
 Lines: 4-6 (270')  
 0.35 LTAR  
 24" Trench Bottom  
 Accepted Status System

GRAPHIC SCALE  
 1" = 50'



Adams  
 Soil Consulting  
 919-414-6761  
 Job #708