

## Harnett County Department of Public Health Improvement Permit

A building permit cannot be issued with only an Improvement Permit

521429

ISSUED TO: LGI HOMES NC LLC PROPERTY LOCATION: 846 AVERY POND DR. (CHALBEATERS)  
 SUBDIVISION: AVERY POND LOT # 149

NEW  REPAIR  EXPANSION   
 Type of Structure: 3-BEDROOM 28'x46' SFD  
 Proposed Wastewater System Type: 25% REDUCTION  
 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: 03/26/2020 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: 846 AVERY POND DR. (CHALBEATERS)  
 SUBDIVISION: AVERY POND LOT # 149

Facility Type: 382 28'x46' 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)

<u>Installation Requirements/Conditions</u>		Number of trenches <u>2</u>	Trench Spacing: <u>9</u> Feet on Center
Septic Tank Size <u>1000</u> gallons	Exact length of each trench <u>135</u> feet	Soil Cover: <u>6-12</u> inches	(Maximum soil cover shall not exceed 36" above the trench bottom)
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)	Aggregate Depth: <u>NA</u> inches above pipe	<u>NA</u> inches total
Pump Requirements: _____ ft. TDH vs. _____ GPM			
Conditions: <u>GRAVITY TO S-BOX EQUAL DISTRIBUTION</u>			

**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: 03/26/2020  
ANDREW WARRIN Construction Authorization Expiration Date: 03/26/2025

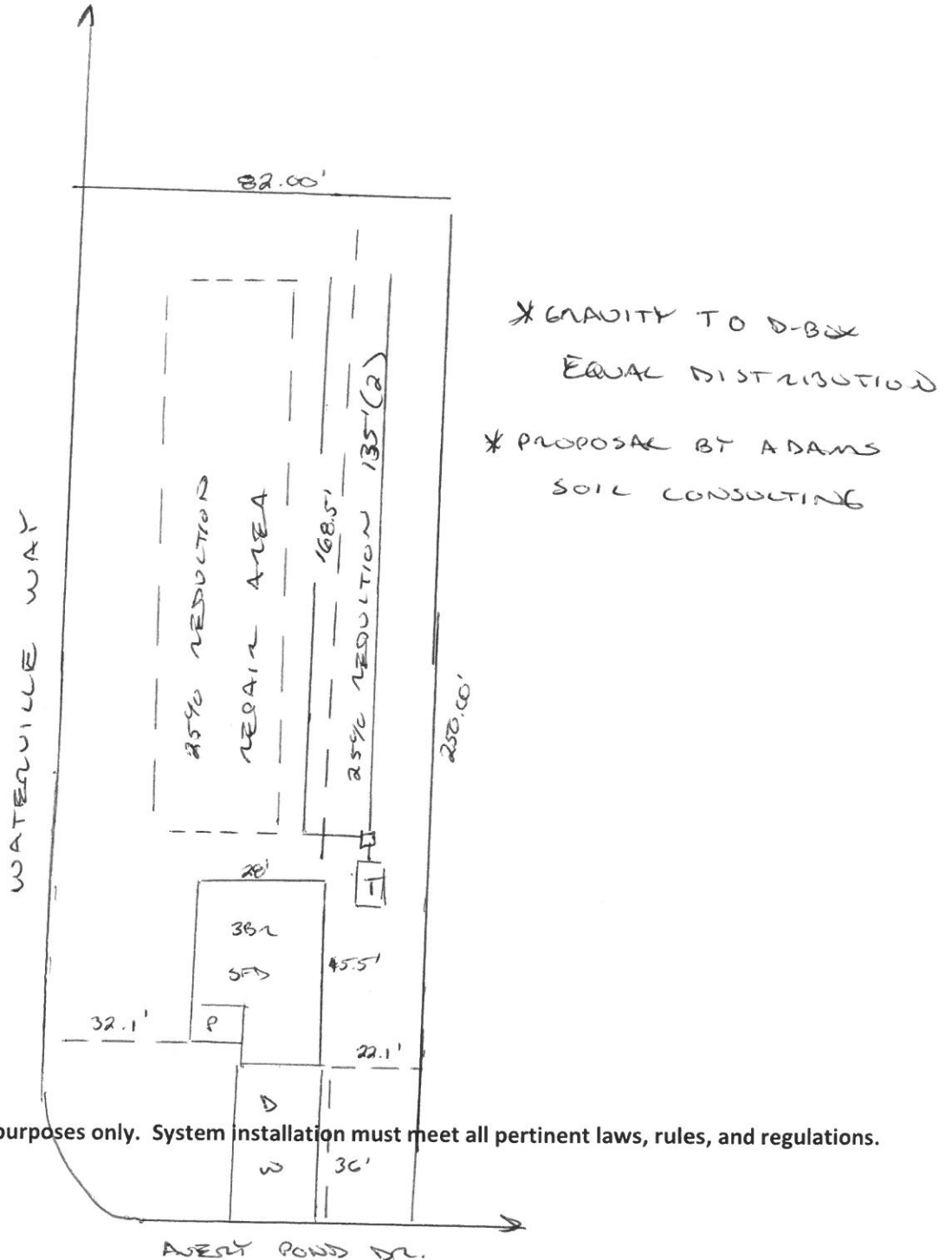
Application # SFD2003-0039

## Harnett County Department of Public Health Site Sketch

Property Location: 846 AVERY POND DR. (CHALBEATE RD - SR 1429)

Issued To: GGI HOMES NC LLC Subdivision AVERY POND Lot # 14C1

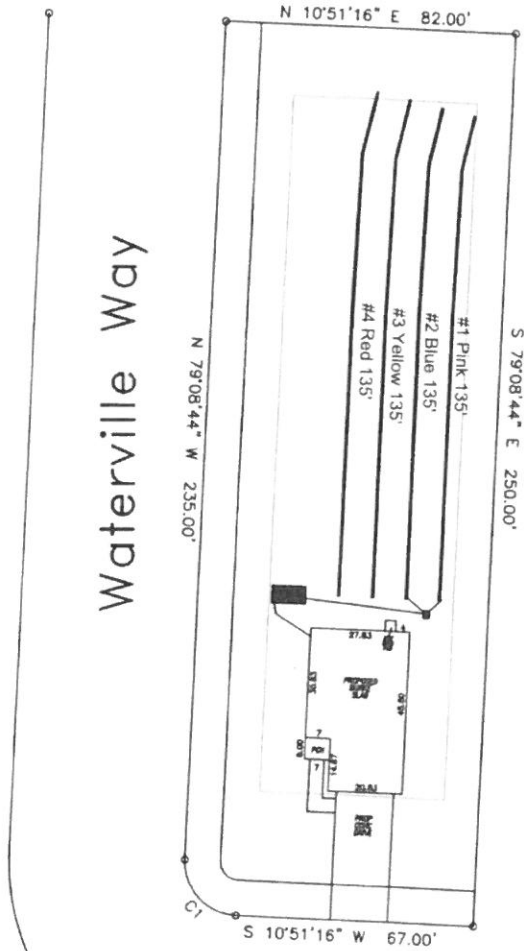
Authorized State Agent: *Andrew Wain* Date: 03/20/2020  
ANDREW WAIN



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

# Avery Pond 3-Bedroom Septic Proposal Lot #149

149



System: Gravity D-Box  
 Lines: 1-2 (270')  
 0.35 LTAR  
 18-24" Trench Bottom  
 Accepted Status System  
 Repair: Gravity to D-Box  
 Lines: 3-4 (270')  
 0.35 LTAR  
 18-24" Trench Bottom  
 Accepted Status System

Avery Pond Drive

GRAPHIC SCALE  
 1" = 50'



Adams  
 Soil Consulting  
 919-414-6761  
 Job #708

*Avery Pond*  
*Lot #149*

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	Pink			2.5	99.5	135	135
2	Blue			2.8	99.2	140	135
3	Yellow			3.3	98.7	145	135
4	Red			3.7	98.3	145	135
Total						565	540

**System**

**Repair**

Lines 1-2

Lines 3-4

**System Type**

Accepted Status System  
EZ-FLOW

Accepted Status System  
EZ-FLOW

Suggested Soil LTAR

0.35

0.35

**Total Line Length**

270

270

**Square Footage**

810

810

**Proposed Trench Bottom**

18-24"

18-24"

**Distribution Method**

Gravity to D-  
Box

Gravity to D-Box