

# Harnett County Department of Public Health

## Improvement Permit

A building permit cannot be issued with only an Improvement Permit

521412

ISSUED TO: LGI Homes LLC

PROPERTY LOCATION: 121 Old Head Way (Chalyheate Road)  
SUBDIVISION: Avery Pond LOT # 84

NEW  REPAIR  EXPANSION

Site Improvements required prior to Construction Authorization Issuance:

Type of Structure: 3-bedroom 28'x46' SFD

Proposed Wastewater System Type: 25% reduction sys.

Projected Daily Flow: 366 GPD

Number of bedrooms: 3 Number of Occupants: C 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

Permit conditions:

No expiration

Authorized State Agent: [Signature]

Date: 12/13/2019

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 LLC

PROPERTY LOCATION: 121 Old Head Way (Chalyheate Road)  
SUBDIVISION: Avery Pond LOT # 84

Facility Type: 3-BR 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)

### Installation Requirements/Conditions

Septic Tank Size 1000 gallons

Number of trenches 3

Exact length of each trench 75 feet

Trench Spacing: 9 Feet on Center

Pump Tank Size \_\_\_\_\_ gallons

Trenches shall be installed on contour at a

Soil Cover: 6 inches

Maximum Trench Depth of: 18 inches

(Maximum soil cover shall not exceed

(Trench bottoms shall be level to +1-1/4"

36" above the trench bottom)

in all directions)

Pump Requirements: \_\_\_\_\_ ft. TDH vs. \_\_\_\_\_ GPM

NA inches below pipe

Aggregate Depth: NA inches above pipe

NA inches total

Conditions: Gravity to D-Box Equal Distribution 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: 12/13/2019

ANDREW CURRIN

Construction Authorization Expiration Date: 12/13/2024

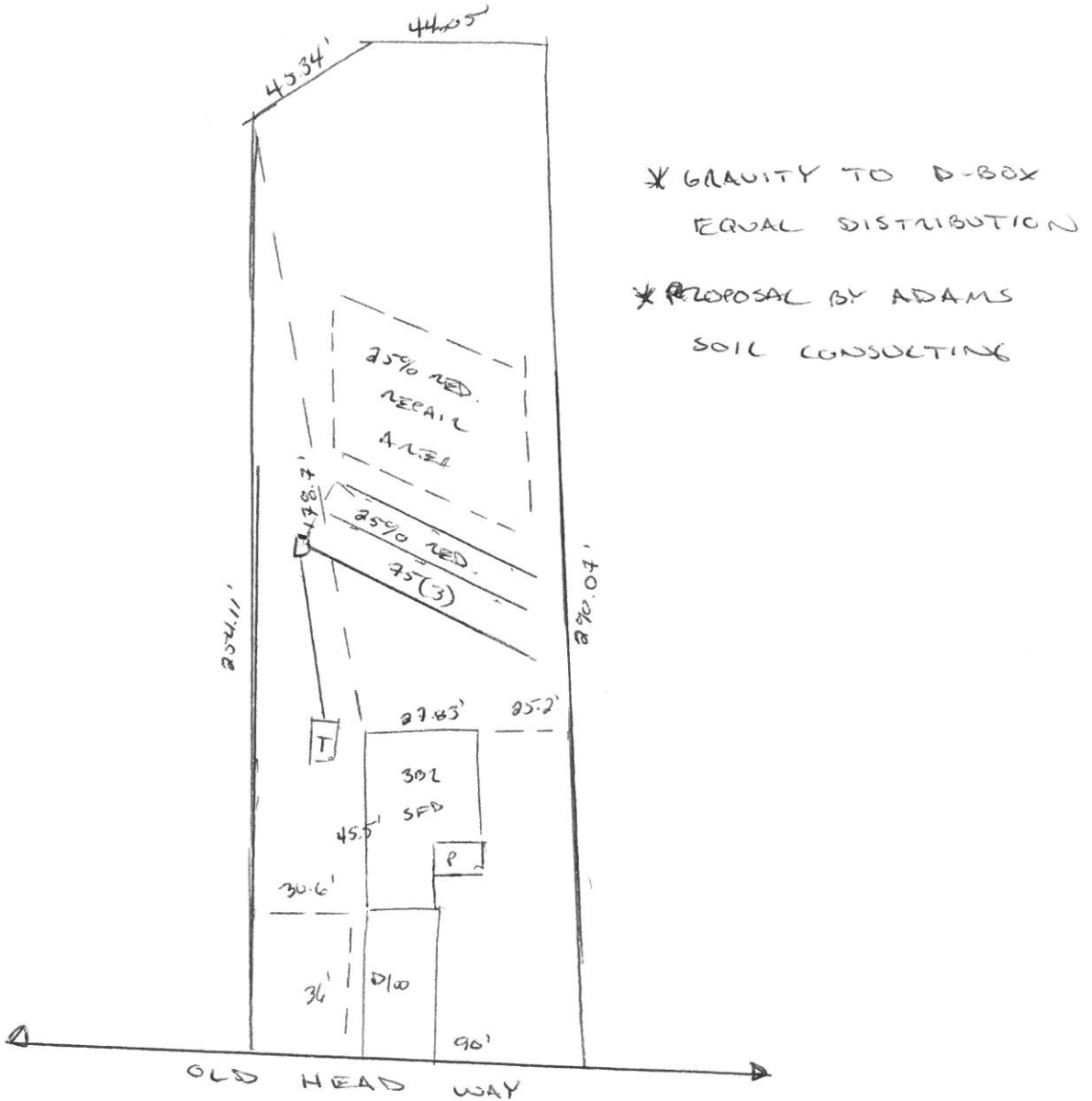
Application # SFD1911-0040

## Harnett County Department of Public Health Site Sketch

Property Location: 121 Old Head Way (Chalybeate Road - 571412)

Issued To: AGI Homes LLC Subdivision Avery Pond Lot # 84

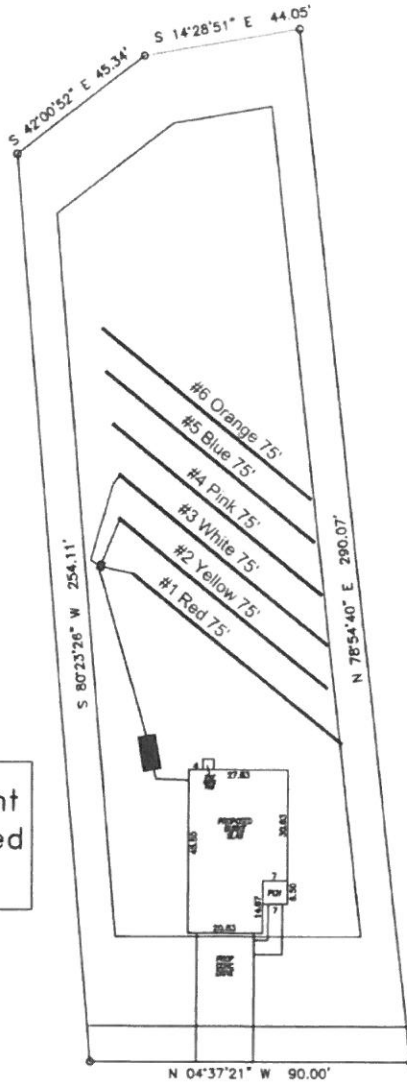
Authorized State Agent: *Andrew Corbin* Date: 12/13/2019  
ANDREW CORBIN



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

# Avery Pond 3-Bedroom Septic Proposal Lot #84

84



\*If Plumbing is not sufficient a pump tank will be required to dose the septic field.

System: Gravity D-Box  
 Lines: 1-3 (225')  
 0.4 LTAR  
 18 Trench Bottom  
 Accepted Status System  
 Repair: Pressure Manifold  
 Lines: 4-6 (225')  
 0.4 LTAR  
 18" Trench Bottom  
 Accepted Status System

Old Head Way

GRAPHIC SCALE  
 1" = 50'



Adams  
 Soil Consulting  
 919-414-6761  
 Job #708

**Avery Pond**

**Lot #84**

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          |           |           | 5.8       | 96.2             | 75                 | 75                   |
| 2             | Yellow       |           |           | 6.1       | 95.9             | 75                 | 75                   |
| 3             | White        |           |           | 6.4       | 95.6             | 75                 | 75                   |
| 4             | Pink         |           |           | 6.7       | 95.3             | 75                 | 75                   |
| 5             | Blue         |           |           | 7.1       | 94.9             | 75                 | 75                   |
| 6             | Orange       |           |           | 7.4       | 94.6             | 75                 | 75                   |

**System**

Lines 1-3

**Repair**

Lines 4-6

**System Type**

Accepted Status System  
EZ-FLOW

Accepted Status System  
EZ-FLOW

Suggested Soil LTAR

0.40

0.40

**Total Line Length**

225

225

**Square Footage**

675

675

**Proposed Trench Bottom**

18"

18"

**Distribution Method**

Gravity to D-Box

Gravity to D-Box