

HTE# SJD1902-0014

Harnett County Department of Public Health

30469

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: LGI Homes NC LLC

PROPERTY LOCATION: 48 Tralee Ctr (Chalybeate Road)
SUBDIVISION: Avery Pond LOT # 188

NEW REPAIR EXPANSION

Site Improvements required prior to Construction Authorization Issuance:

Type of Structure: 3BR 27'10" x 45'6" 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

Permit conditions: _____ No expiration

Authorized State Agent: [Signature] Date: 02/15/2019

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 NC LLC

PROPERTY LOCATION: 48 Tralee Ctr (Chalybeate Rd.)
SUBDIVISION: Avery Pond LOT # 188

Facility Type: 3BR 27'10" x 45'6" 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 1000 gallons

Number of trenches 2
Exact length of each trench 120 feet

Trench Spacing: 9 Feet on Center

Pump Tank Size _____ gallons

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)

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: _____

**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: 02/15/2019

ANDREW CURRIN

Construction Authorization Expiration Date: 02/16/2024

HTE# SFD1902-0014

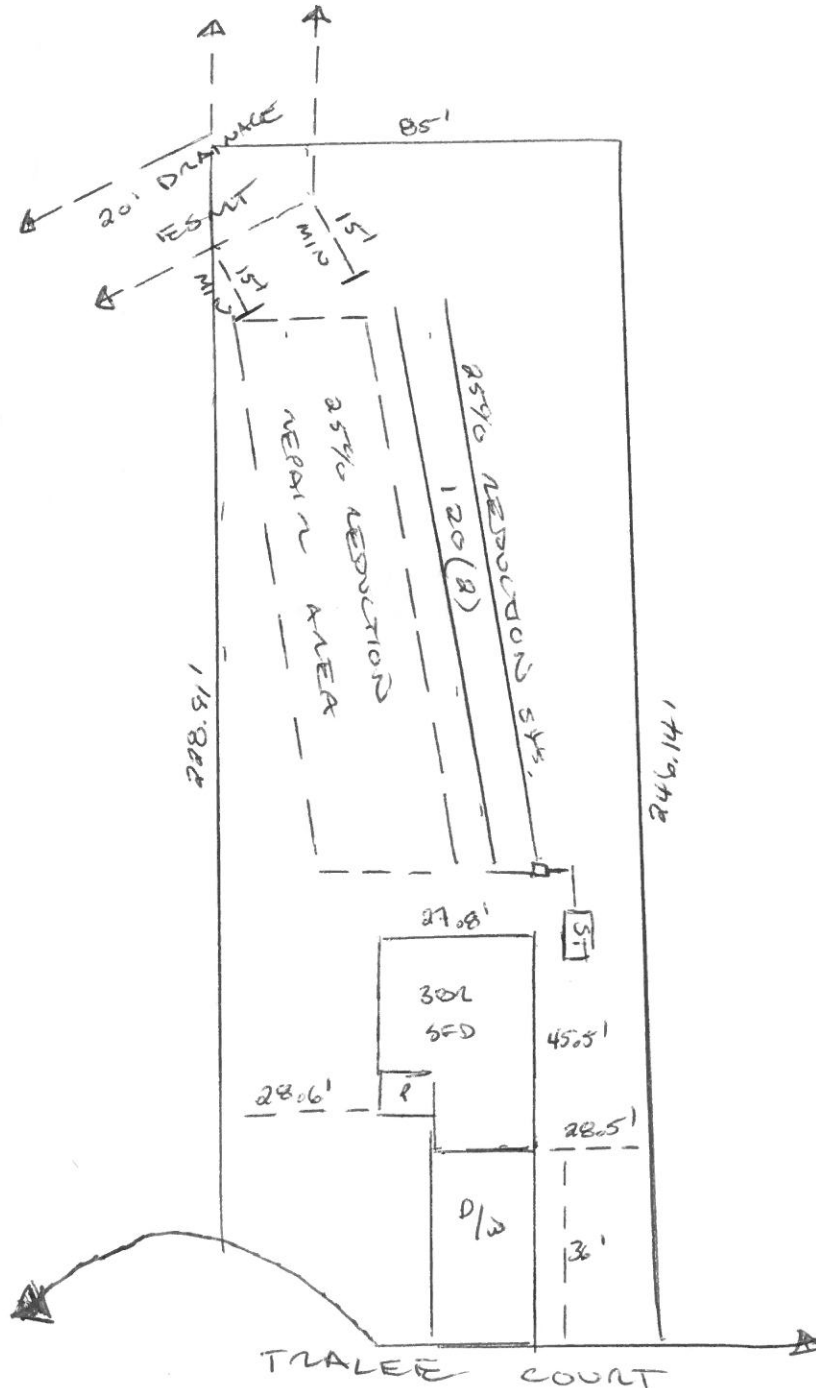
Permit # 30469

Harnett County Department of Public Health Site Sketch

521429

ISSUED TO: LGI Homes NC LLC SUBDIVISION: 48 Tralee Ct. (Chilyhoke Rd.)
Away Pond LOT # 188

Authorized State Agent: [Signature] Date: 02/15/2019



Avery Pond
Lot #188

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			5.7	96.3	130	120
2	Pink			6.1	95.9	130	120
3	Orange			6.4	95.6	130	120
4	Yellow			6.8	95.2	130	120
Total						520	480

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

18-24"

18-24"

Distribution Method

Gravity to D-
Box

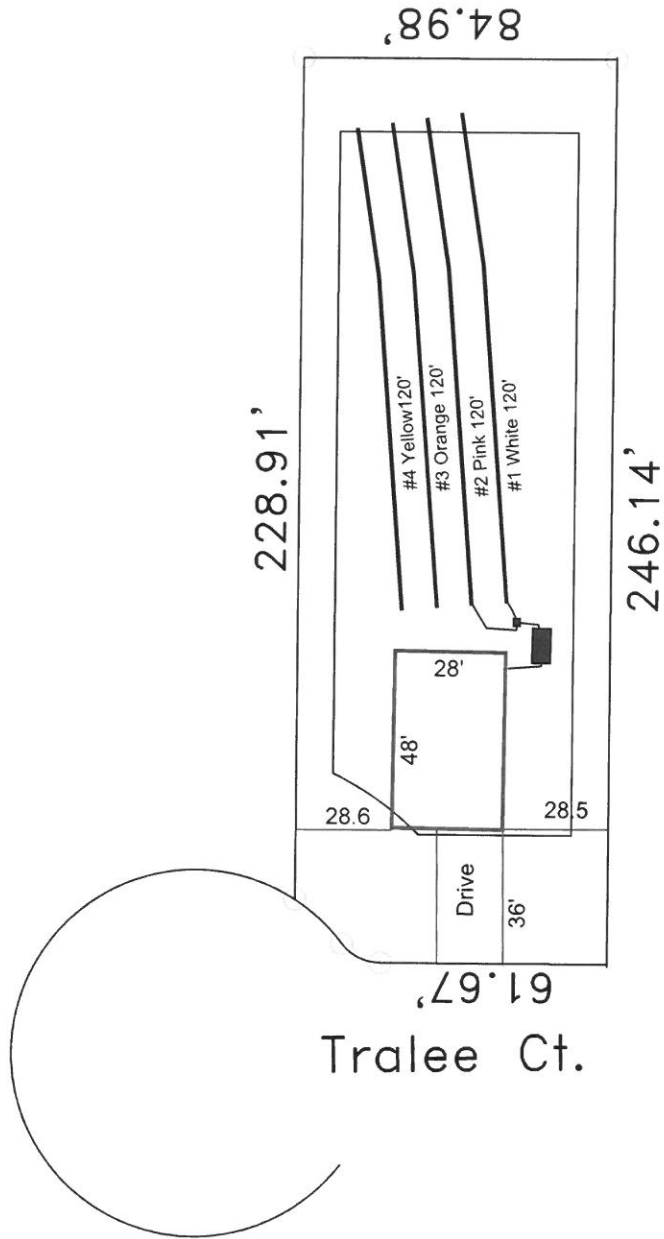
Gravity to D-Box

Avery Pond 3-Bedroom Septic Proposal Lot #188

188

0.48 AC.

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



GRAPHIC SCALE
1" = 50'



Adams
 Soil Consulting
 919-414-6761
 Job #708