

Harnett County Department of Public Health Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: LGI Homes LLC PROPERTY LOCATION: 137 Old Head Way (Chalybeate Road)
 SUBDIVISION: Avery Pond LOT # 85 ⁵²¹⁴¹²

NEW REPAIR EXPANSION Site Improvements required prior to Construction Authorization Issuance: _____

Type of Structure: 3-Bedroom 39'x48' SFD

Proposed Wastewater System Type: 25% Reduction Sys.

Projected Daily Flow: 366 GPD

Number of bedrooms: 3 Number of Occupants: 5 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: 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: 137 Old Head Way (Chalybeate Road)
 SUBDIVISION: Avery Pond LOT # 85 ⁵²¹⁴¹²

Facility Type: 3-BR 39'x48' 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>75</u> feet	Trench Spacing: <u>9</u> Feet on Center
Pump Tank Size _____ gallons	Trenches shall be installed on contour at a	Soil Cover: <u>6</u> inches
	Maximum Trench Depth of: <u>18</u> inches	(Maximum soil cover shall not exceed
	(Trench bottoms shall be level to +/-1/4"	36" above the trench bottom)
	in all directions)	

Pump Requirements: _____ ft. TDH vs. _____ GPM Aggregate Depth: NA inches below pipe
NA inches above pipe
NA inches total

Conditions: Gravity to D-Box Equal Distribution
Proposal by Adams Soil Consult

**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 CORBIN Construction Authorization Expiration Date: 12/13/2024

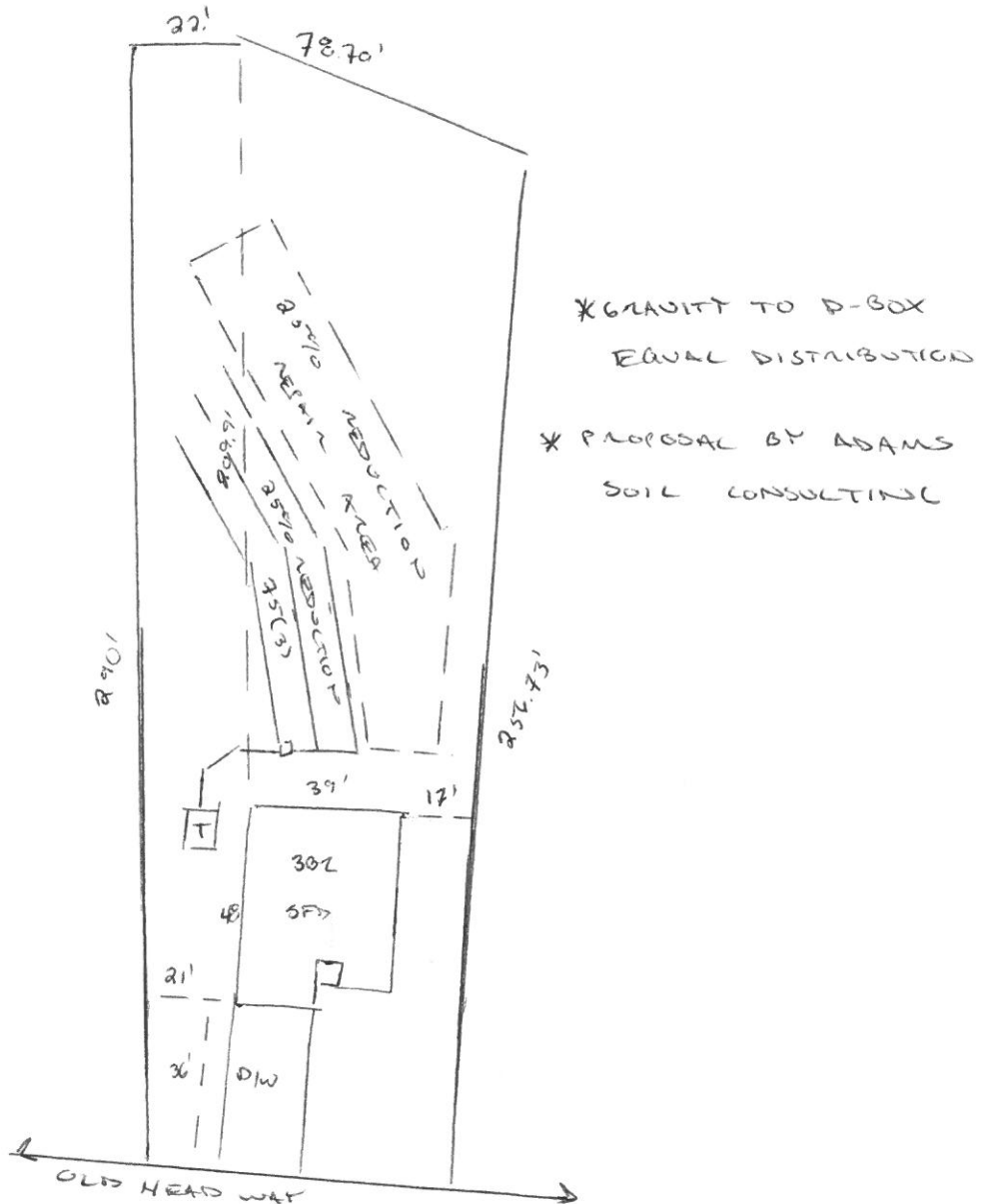
Application # SFD1912-0003

Harnett County Department of Public Health Site Sketch

Property Location: 137 Old Head Way (Chalchote Road - 521412)

Issued To: LGI Home LLC Subdivision Avery Pond Lot # 85

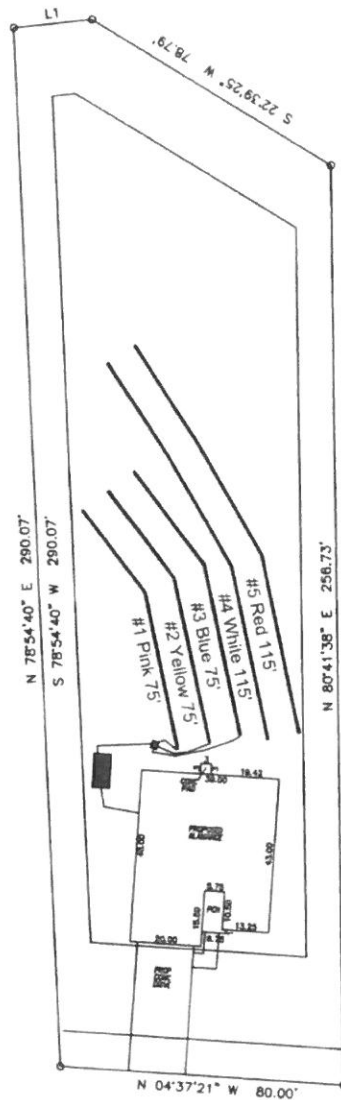
Authorized State Agent: *Andrew Corbin* Date: 12/13/2019
ANDREW CORBIN



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

Avery Pond 3-Bedroom Septic Proposal Lot #85

85



Old Head Way

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

GRAPHIC SCALE
 1" = 50'



Adams
 Soil Consulting
 919-414-6761
 Job #708

Avery Pond

Lot #85

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	<i>Pink</i>			1.3	100.7	75	75
2	<i>Yellow</i>			2	100	110	75
3	<i>Blue</i>			2.7	99.3	130	75
4	<i>White</i>			3.3	98.7	160	115
5	<i>Red</i>			3.9	98.1	160	115

System

Lines 1-3

System Type

Accepted Status System
EZ-FLOW

Repair

Lines 4-5

Accepted Status System
EZ-FLOW

Suggested Soil LTAR

0.40

0.40

Total Line Length

225

230

Square Footage

675

690

Proposed Trench Bottom

18"

18"

Distribution Method

Gravity to D-Box

Gravity to D-Box