

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
 NEW REPAIR EXPANSION
 Type of Structure: 4-Bedroom 36'x46' SFD
 Proposed Wastewater System Type: 25% reduction sys
 Projected Daily Flow: 480 GPD
 Number of bedrooms: 4 Number of Occupants: 8 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: _____

PROPERTY LOCATION: 63 Old Head Way (Chalybeate Road)
 SUBDIVISION Avery Pond LOT # 81

Site Improvements required prior to Construction Authorization Issuance: _____

Permit valid for: Five years
 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: 63 Old Head Way (Chalybeate Road)
 SUBDIVISION Avery Pond LOT # 81

Facility Type: 4-BR 36'x46' SFD New Expansion Repair
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** 25% reduction system (Initial) Wastewater Flow: 480 GPD
 (See note below, if applicable)

25% reduction sys (Repair)
Installation Requirements/Conditions
 Septic Tank Size 1000 gallons Exact length of each trench 60 feet Trench Spacing: 9 Feet on Center
 Pump Tank Size _____ gallons Trenches shall be installed on contour at a Soil Cover: 12 inches
 Maximum Trench Depth of: 24 inches (Maximum soil cover shall not exceed 36" above the trench bottom)
 (Trench bottoms shall be level to +/-1/4" in all directions)
 Pump Requirements: _____ ft. TDH vs. _____ GPM _____ inches below pipe
 Aggregate Depth: NA inches above pipe
 Conditions: Gravity to D-Box Equal Dist. _____ inches total
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

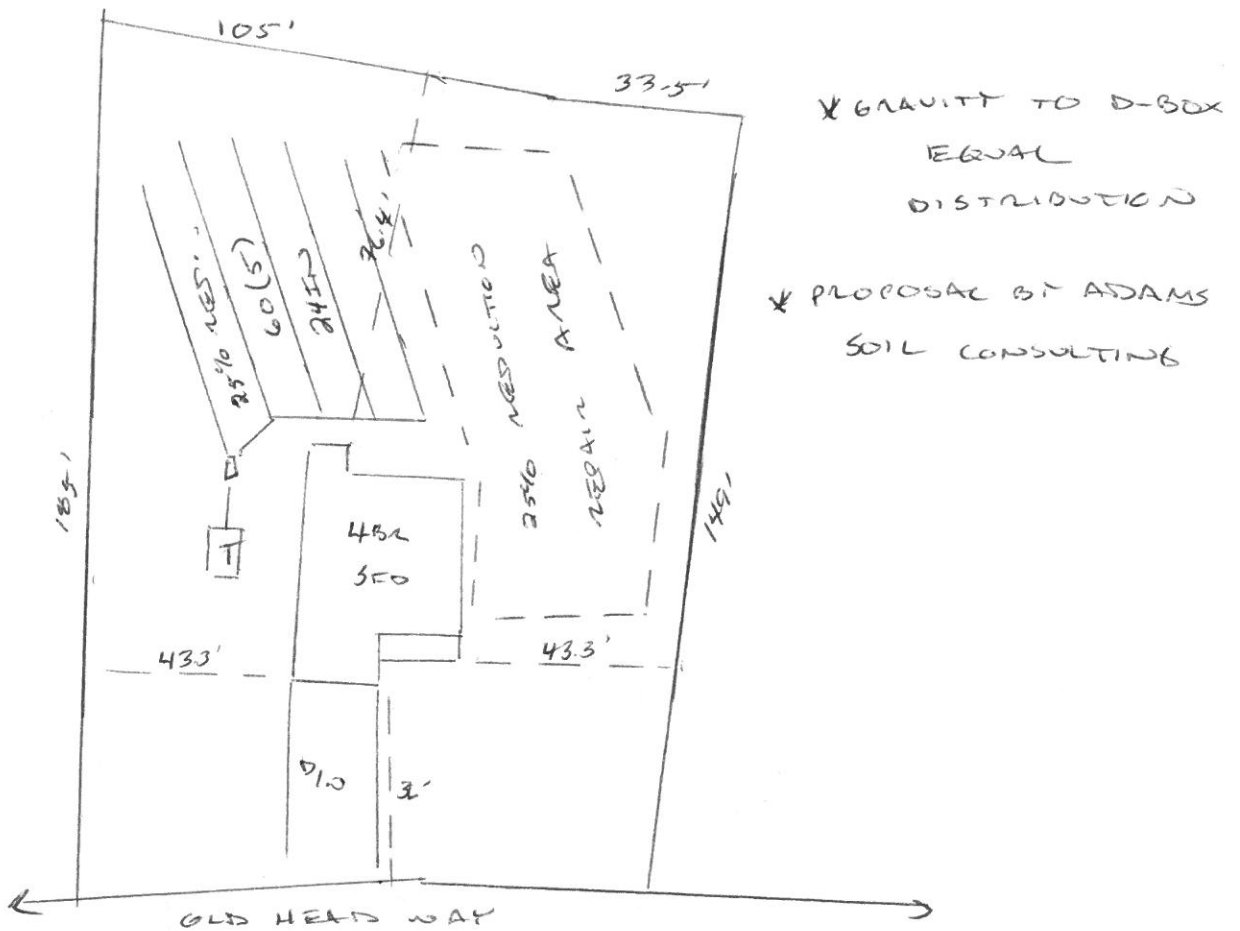
Authorized State Agent: [Signature] Date: 12/13/2019
ANDREW CURRAN Construction Authorization Expiration Date: 12/13/2024

Application # SFD1911-0037

Harnett County Department of Public Health Site Sketch

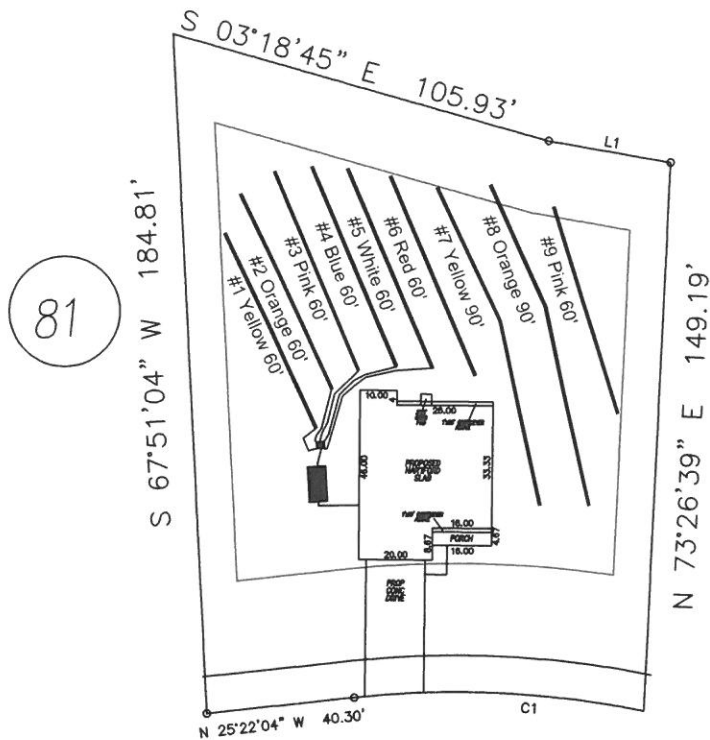
Property Location: 63 Old Head Way (Chalybrate Road - 521429)
Issued To: GBT Homes LLC Subdivision Avery Road Lot # 81

Authorized State Agent:  Date: 12/13/2015
ANDREW CORBIN



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

Avery Pond 4-Bedroom Septic Proposal Lot #81



81

Old Head Way

System: Gravity D-Box
 Lines: 1-5 (300')
 0.4 LTAR
 24" Trench Bottom
 Accepted Status System
 Repair: Pressure Manifold
 Lines: 6-9 (300')
 0.4 LTAR
 24" Trench Bottom
 Accepted Status System

GRAPHIC SCALE
1" = 50'



Adams
 Soil Consulting
 919-414-6761
 Job #708

Avery Pond
Lot #81

4-Bedroom Home (480 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		0.0		100.0		<u>in field</u>	<u>installation</u>
INST. 1			100.0				
1	<i>Yellow</i>			3.6	96.4	60	60
2	<i>Orange</i>			3.8	96.2	60	60
3	<i>Pink</i>			4.1	95.9	60	60
4	<i>Blue</i>			4.4	95.6	60	60
5	<i>White</i>			4.7	95.3	60	60
6	<i>Red</i>			4.9	95.1	60	60
7	<i>Yellow</i>			5.4	94.6	107	90
8	<i>Orange</i>			5.7	94.3	90	90
9	<i>Pink</i>			5.9	94.1	60	60

	<u>System</u>	<u>Repair</u>
	Lines 1-5	Lines 6-9
System Type	Accepted Status System EZ-FLOW	Accepted Status System EZ-FLOW
Suggested Soil LTAR	0.40	0.40
Total Line Length	300	300
Square Footage	900	900
Proposed Trench Bottom	24"	24"
Distribution Method	Gravity to D-Box	Pressure Manifold