

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 PROPERTY LOCATION: 76 Waterville Way (Chalyhate Road)
 SUBDIVISION: Avery Pond LOT # 147
 NEW REPAIR EXPANSION
 Type of Structure: 3-Bedroom 30'x41' 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 conditions: _____ Permit valid for: Five years
 No expiration

Authorized State Agent: [Signature] Date: 02/28/2020 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 LLC PROPERTY LOCATION: 76 Waterville Way (Chalyhate Rd.)
 SUBDIVISION: Avery Pond LOT # 147
 Facility Type: 3BR 30'x41' 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
Pump to 25% red. sys. (Repair)
Installation Requirements/Conditions
 Septic Tank Size 1000 gallons Number of trenches 3
 Pump Tank Size _____ gallons Exact length of each trench 90 feet Trench Spacing: 9 Feet on Center
 Trenches shall be installed on contour at a Soil Cover: 6-12 inches
 Maximum Trench Depth of: 18-24 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
 _____ inches above pipe
 Conditions: Gravity to D-Box Equal Distribution required _____ inches total

**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

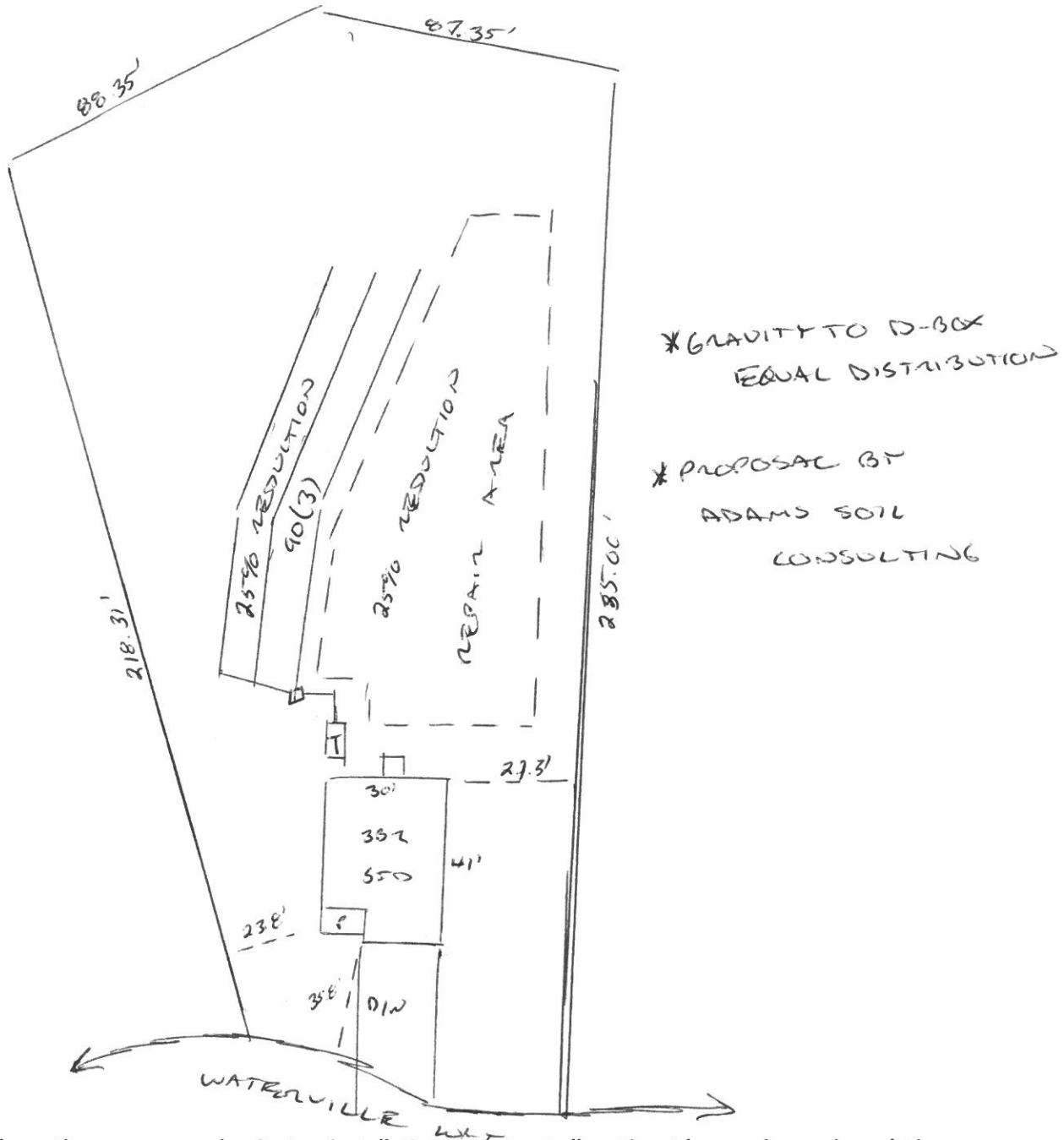
Authorized State Agent: [Signature] Date: 02/28/2020
Andrew Curran Construction Authorization Expiration Date: 02/28/2025

Application # SFD2082-013

Harnett County Department of Public Health Site Sketch

Property Location: 76 Waterville Way (Chalybeate Road) 521429
Issued To: LGI Homes LLC Subdivision Avery Pond Lot # 147

Authorized State Agent: *[Signature]* Date: 02/28/2020
ANDREW CURRAN



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

Avery Pond
Lot #147

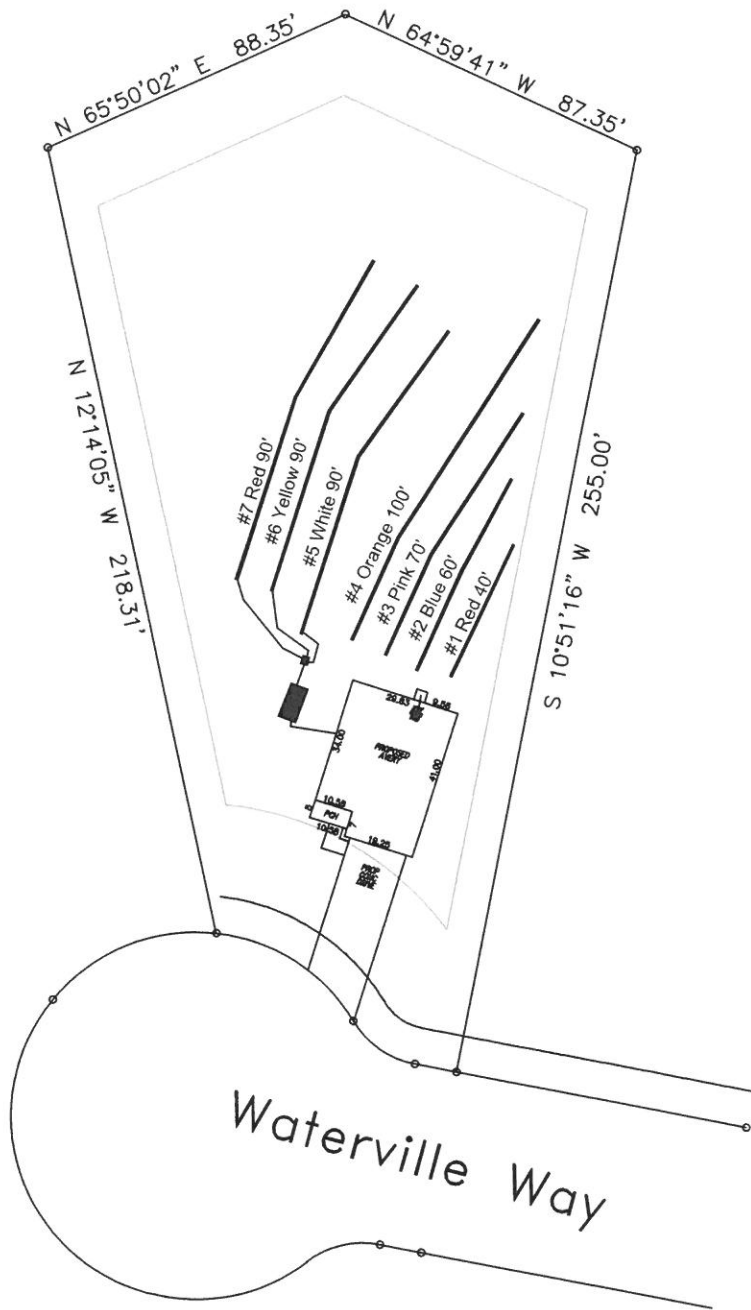
3-Bedroom Home (360 gal./day)

<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			4.6	97.4	40	40
2	Blue			5.1	96.9	60	60
3	Pink			5.7	96.3	70	70
4	Orange			6.4	95.6	100	100
5	White			7	95	140	90
6	Yellow			7.5	94.5	120	90
7	Red			8.1	93.9	115	90
Total						645	540

	<u>System</u>	<u>Repair</u>
	Lines 5-7	Lines 1-4
System Type	Accepted Status System	Accepted Status System
	EZ-FLOW	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 serial Distribution

Avery Pond 3-Bedroom Septic Proposal Lot #147

147



System: Gravity D-Box
 Lines: 5-7 (270')
 0.35 LTAR
 24" Trench Bottom
 Accepted Status System
 Repair: Pump to Serial Dist.
 Lines: 1-4 (270')
 0.35 LTAR
 18-24" Trench Bottom
 Accepted Status System

GRAPHIC SCALE
 1" = 50'



Adams
 Soil Consulting
 919-414-6761
 Job #708