

Harnett County Department of Public Health Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: LGI Homes NC LLC PROPERTY LOCATION: 89 Waterville way (Chalybeate Rd. - SR 14
 SUBDIVISION Avery Pond PH IIID LOT # 145
 NEW REPAIR EXPANSION Site Improvements required prior to Construction Authorization Issuance:
 Type of Structure: 3-Bedroom 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
 No expiration
 Permit conditions: _____

Authorized State Agent: [Signature] Date: 05/27/2020 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 NC LLC PROPERTY LOCATION: 89 Waterville Way (Chalybeate Rd. SR
 SUBDIVISION Avery Pond PH IIID LOT # 145
 Facility Type: 3-Bedroom 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 50% Reduction Hor. PPBPS Sys (Repair)

Installation Requirements/Conditions	Number of trenches <u>1</u>	
Septic Tank Size <u>1000</u> gallons	Exact length of each trench <u>280</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: Reference Soil Scientist Proposal

**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: 05/27/2020
Andrew Collins Construction Authorization Expiration Date: 05/27/2025

Harnett County Department of Public Health Site Sketch

Property Location: 89 Waterview Way (Chalybeate Rd. - Sr 1429)

Issued To: LGI Homes NC LLC

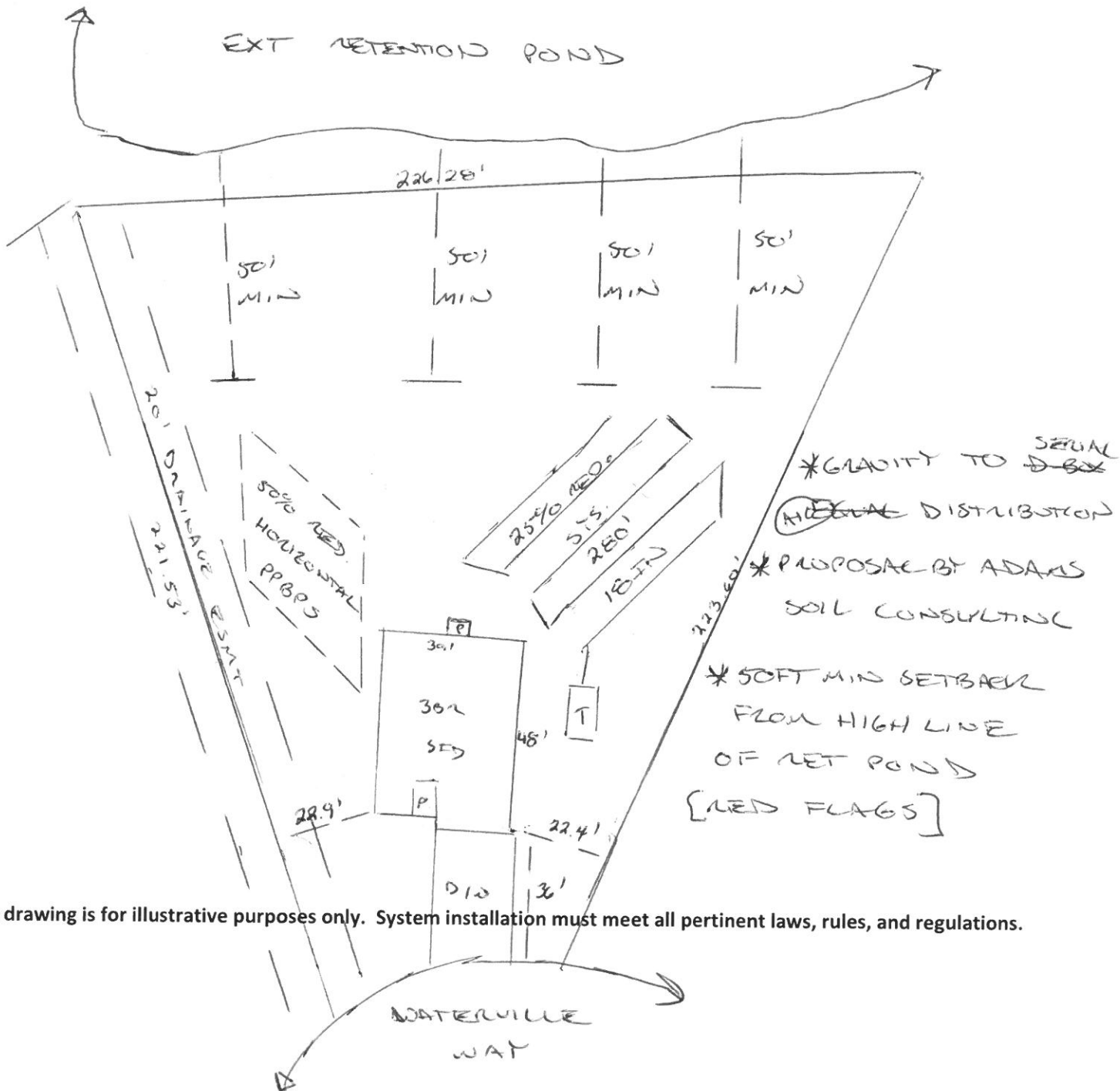
Subdivision Avery Pond PH IIIID

Lot # 145

Authorized State Agent:

Andrew Curran
ANDREW CURRAN

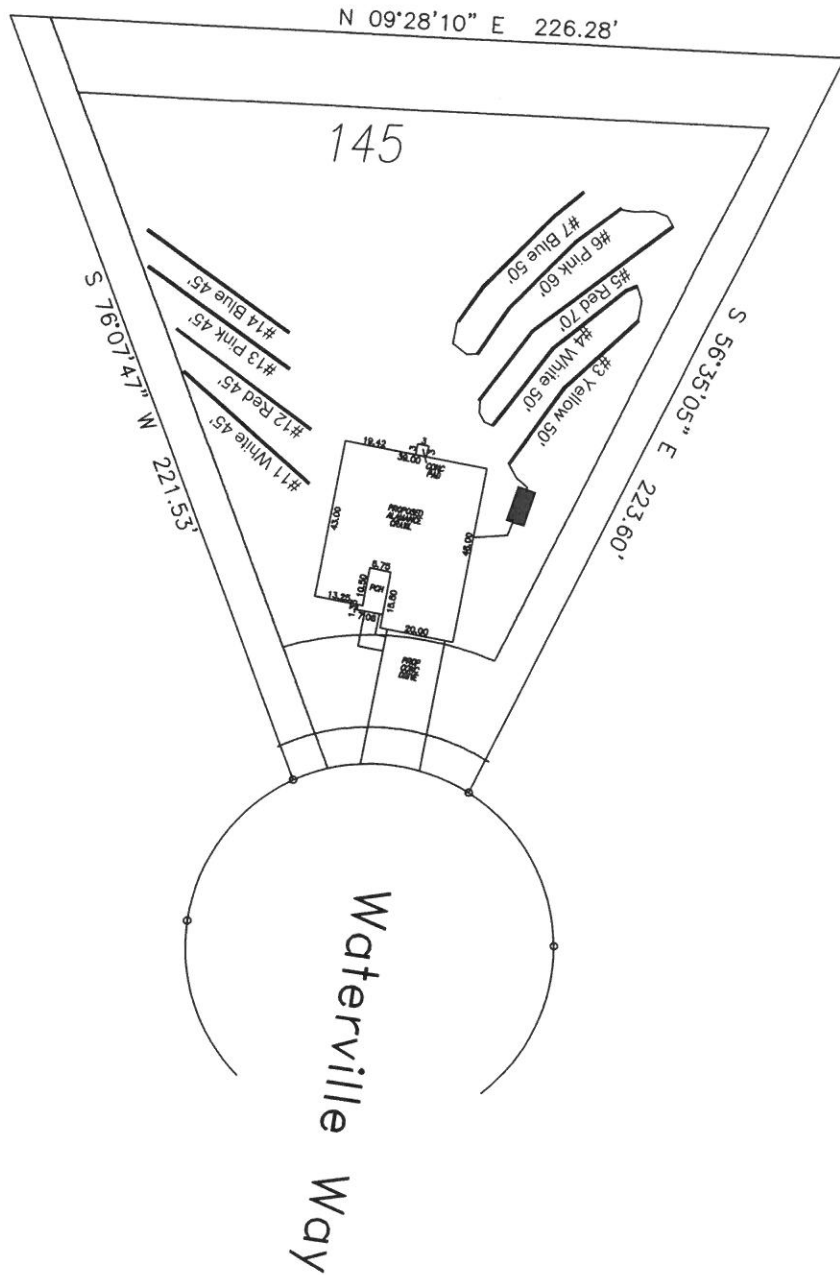
Date: 05/27/2020



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

Avery Pond 3-Bedroom Septic Proposal Lot #145

145



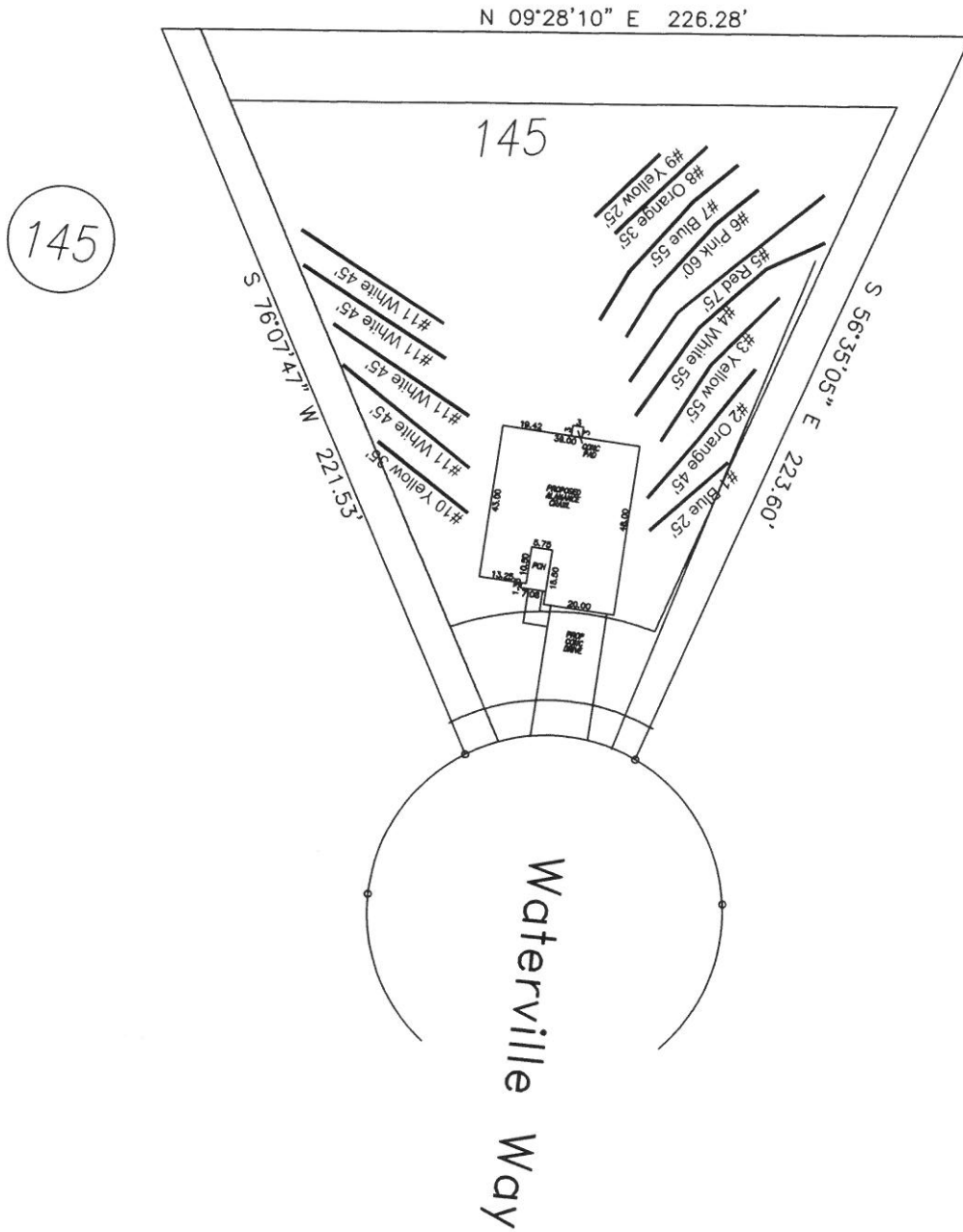
System: Gravity D-Box
 Lines: 3-7 (280')
 0.35 LTAR
 18" Trench Bottom
 Accepted Status System
 Repair: Serial Distribution
 Lines: 11-14 (180')
 0.35 LTAR
 18" Trench Bottom
 T&J Panel - 50% Reduction System

GRAPHIC SCALE
 1" = 50'



Adams
 Soil Consulting
 919-414-6761
 Job #708

Avery Pond 3-Bedroom Septic Proposal Lot #145



GRAPHIC SCALE
1" = 50'



Adams
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Avery Pond
Lot #145

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	Blue			1.8	100.2	28	not used
2	Orange			2.9	99.1	45	not used
3	Yellow			3.6	98.4	58	50
4	White			4.6	97.4	58	50
5	Red			5.8	96.2	78	70
6	Pink			6.8	95.2	61	60
7	Blue			8	94	55	50
8	Orange			9.2	92.8	35	not used
9	Yellow			10.4	91.6	25	not used
10	Yellow			6.3	95.7	37	not used
11	White			7.8	94.2	45	45
12	Red			9	93	45	45
13	Pink			10	92	45	45
14	Blue			11	91	45	45

	<u>System</u>	<u>Repair</u>
	Lines 2-7	Lines 11-14
System Type	Accepted Status System EZ-FLOW	T&J Panel 50% Reduction System
Suggested Soil LTAR	0.35	0.35
Total Line Length	280	180
Square Footage	840	540
Proposed Trench Bottom	18"	18"
Distribution Method	Serial Distribution	Pump to D-Box