

Harnett County Department of Public Health Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: LGI Homes LLC
 NEW REPAIR EXPANSION
 Type of Structure: 3-Bedroom 28' X 46' 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: _____

PROPERTY LOCATION: 879 Avery Pond Dr. (Chalyhette Rd.)
 SUBDIVISION: Avery Pond #11D LOT # 138
 Site Improvements required prior to Construction Authorization Issuance: _____

Permit valid for: Five years
 No expiration

Authorized State Agent: [Signature] Date: 02/24/2020 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: 879 Avery Pond Dr. (Chalyhette Rd.)
 SUBDIVISION: Avery Pond #11D LOT # 138

Facility Type: 32' X 28' X 46' 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)

Installation Requirements/Conditions

Septic Tank Size 1000 gallons
 Pump Tank Size _____ gallons
 Number of trenches 3
 Exact length of each trench 40 feet
 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)
 Trench Spacing: 9 Feet on Center
 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: 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: 02/24/2020
Andrew Curran Construction Authorization Expiration Date: 02/24/2025

Application # SFD2002-0015

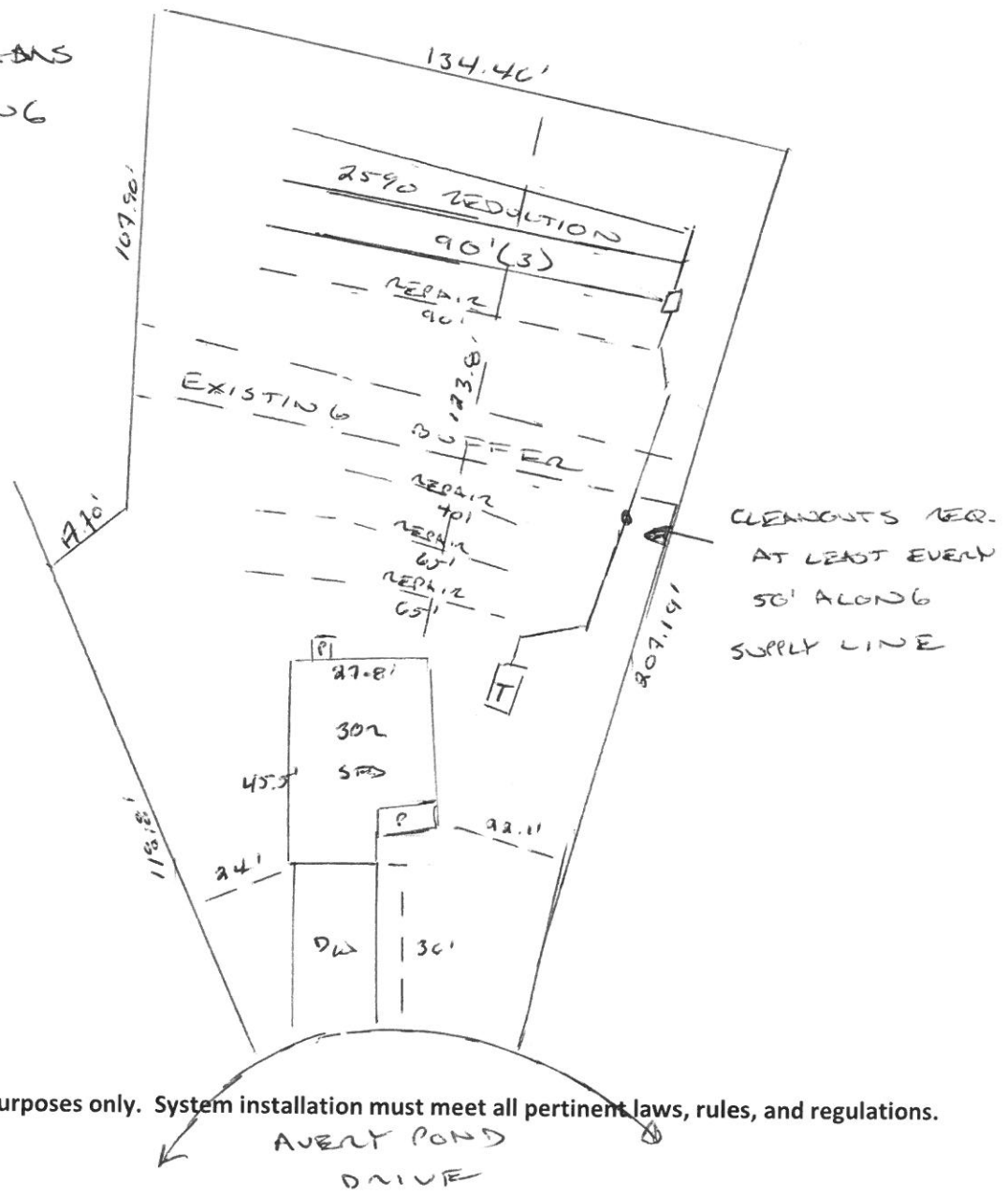
Harnett County Department of Public Health Site Sketch

Property Location: 879 Avery Pond Dr. (Chalchucke Road SR 1429)
Issued To: CGI Homes LLC Subdivision Avery Pond FFD Lot # 13E

Authorized State Agent: *Andrew Curran* Date: 08/24/2020
ANDREW CURRAN

X GRAVITY TO D-BOX
EQUAL DISTRIBUTION

PROPOSAL BY ADAMS
SOIL CONSULTING



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

Avery Pond

Lot #138

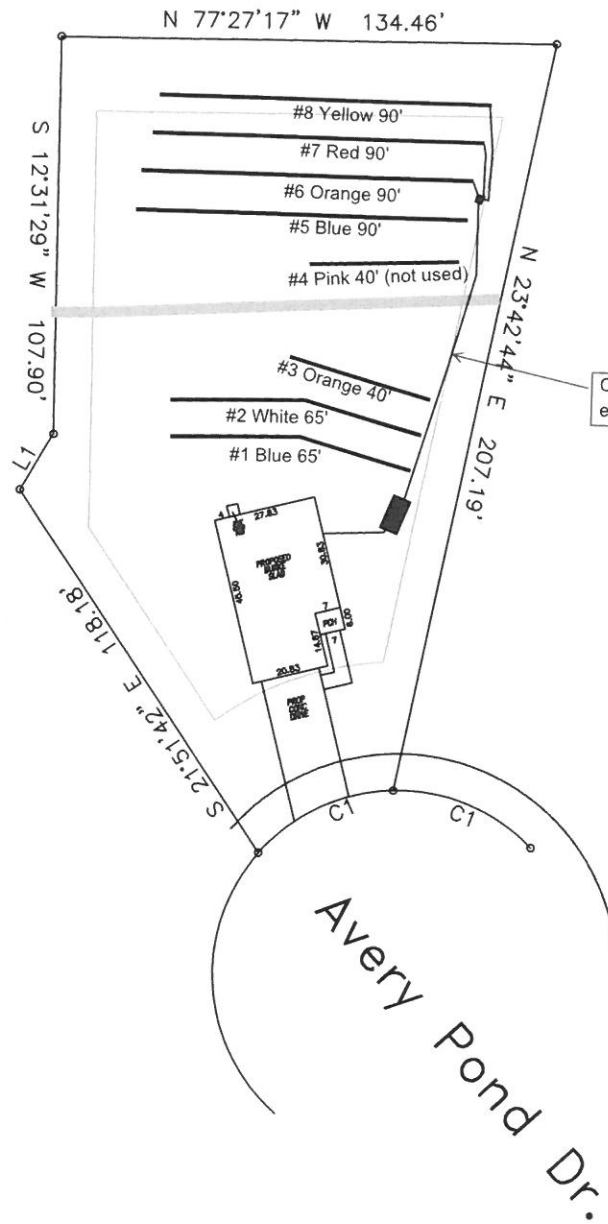
3-Bedroom Home (360 gal./day)

<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			3.2	98.8	65	65
2	White			3.6	98.4	65	65
3	Orange			3.8	98.2	45	40
4	Pink			5.9	96.1	40	not used
5	Blue			6.1		95	90
6	Orange			6.5		100	90
7	Red			7		115	90
8	Yellow			7.4		115	90
Total						640	530

	<u>System</u>	<u>Repair</u>
	Lines 6-8	Lines 1-3, 5
System Type	Accepted Status System EZ-FLOW	Accepted Status System EZ-FLOW
Suggested Soil LTAR	0.35	0.35
Total Line Length	270	260
Square Footage	810	780
Proposed Trench Bottom	18-24"	18-24"
Distribution Method	Gravity to D-Box	Pressue Manifold

Avery Pond 3-Bedroom Septic Proposal Lot #138

138



System: Gravity D-Box
 Lines: 6-8 (270')
 0.35 LTAR
 24" Trench Bottom
 Accepted Status System
 Repair: Pressure Manifold
 Lines: 1-3, 5 (260')
 0.35 LTAR
 24" Trench Bottom
 Accepted Status System

GRAPHIC SCALE
 1" = 50'



Adams
 Soil Consulting
 919-414-6761
 Job #708