

Harnett County Department of Public Health Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: LGJ Homes LLC PROPERTY LOCATION: 878 Avery Pond Dr. (Chalybeate Rd.)
 SUBDIVISION: Avery Pond #115 LOT # 140 SN 1429

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

Type of Structure: 4-Bedroom 30'x46' SFD

Proposed Wastewater System Type: 25% reduction sys.

Projected Daily Flow: 880 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: _____ 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: LGJ Homes LLC PROPERTY LOCATION: 878 Avery Pond Dr. (Chalybeate Rd.)
 SUBDIVISION: Avery Pond #115 LOT # 140 SN 1429

Facility Type: 4B ~ 30'x46' SFD New Expansion Repair

Basement? Yes No Basement Fixtures? Yes No

Type of Wastewater System** 25% reduction system (Initial) Wastewater Flow: 480 ~~360~~ GPD

(See note below, if applicable) 25% reduction sys. (Repair)

Installation Requirements/Conditions

Septic Tank Size <u>1000</u> gallons	Number of trenches <u>4</u>	Trench Spacing: <u>9</u> Feet on Center
Pump Tank Size _____ gallons	Exact length of each trench <u>85</u> feet	Soil Cover: <u>6-12</u> inches
	Trenches shall be installed on contour at a Maximum Trench Depth of: <u>18-24</u> inches (Trench bottoms shall be level to +/-1/4" in all directions)	(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

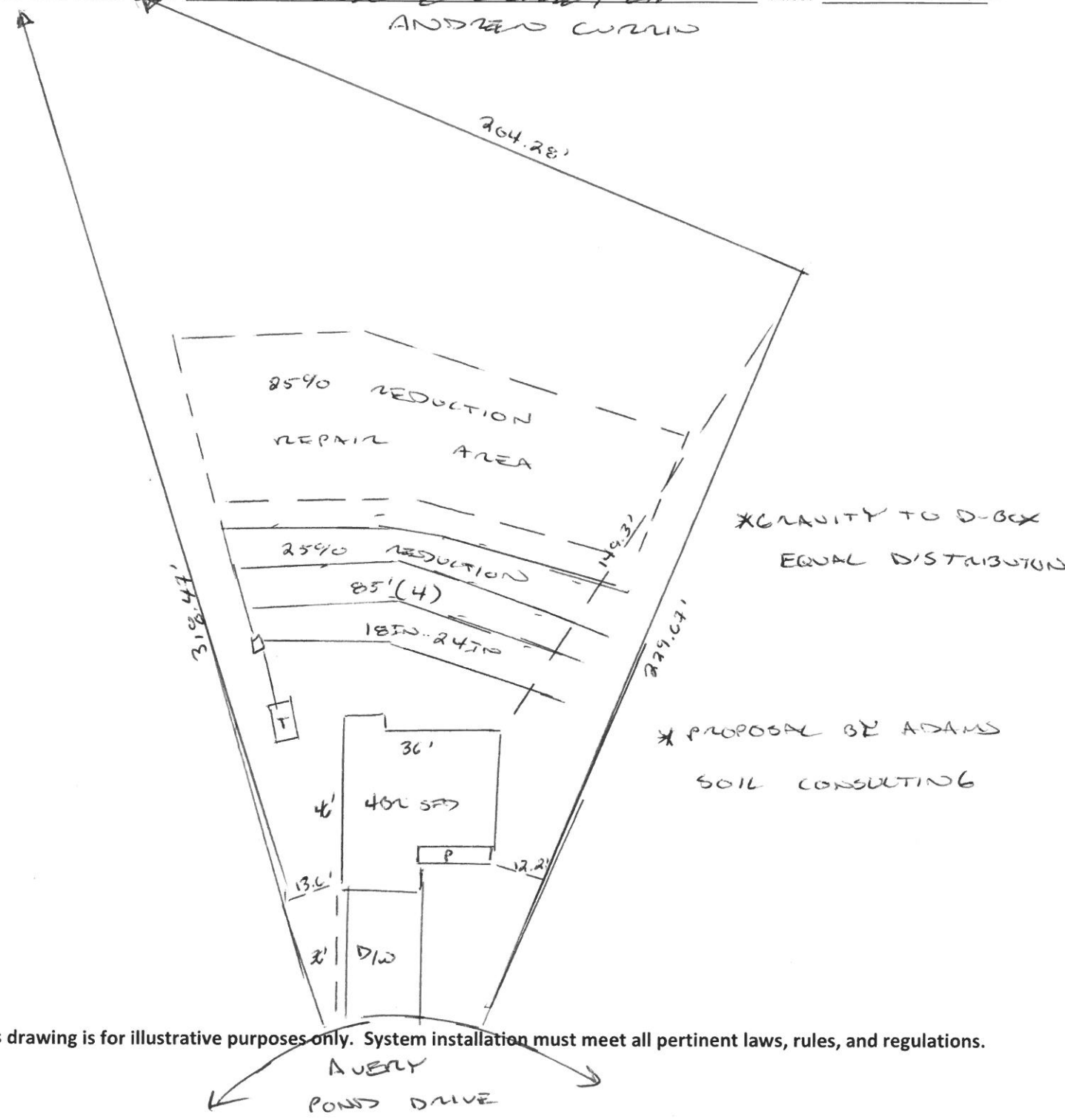
Authorized State Agent: [Signature] Date: 02/24/2020
 Construction Authorization Expiration Date: 02/24/2025

Application # SFD2002-0008

Harnett County Department of Public Health Site Sketch

Property Location: 878 Avery Pond Dr. (Unsubdivided Rd. - 521429)
Issued To: LGI Homes LLC Subdivision Avery Pond III D Lot # 146

Authorized State Agent: *Andrew Curran* Date: 02/24/2020
ANDREW CURRAN



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

Avery Pond

Lot #140

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	Orange			3.5	98.5	86	85
2	Red			4	98	90	85
3	Blue			4.5	97.5	95	85
4	White			4.9	97.1	105	85
5	Pink			5.4	96.6	108	85
6	Orange			5.9	96.1	112	85
7	Yellow			6.7	95.3	115	not used
8	Red			7.1	94.9	115	not used
Total						826	510

System

Repair

Lines 1-3

Lines 4-6

System Type

Accepted Status System
EZ-FLOW

Accepted Status System
EZ-FLOW

Suggested Soil LTAR

0.35

0.35

Total Line Length

255

255

Square Footage

765

765

Proposed Trench Bottom

18-24"

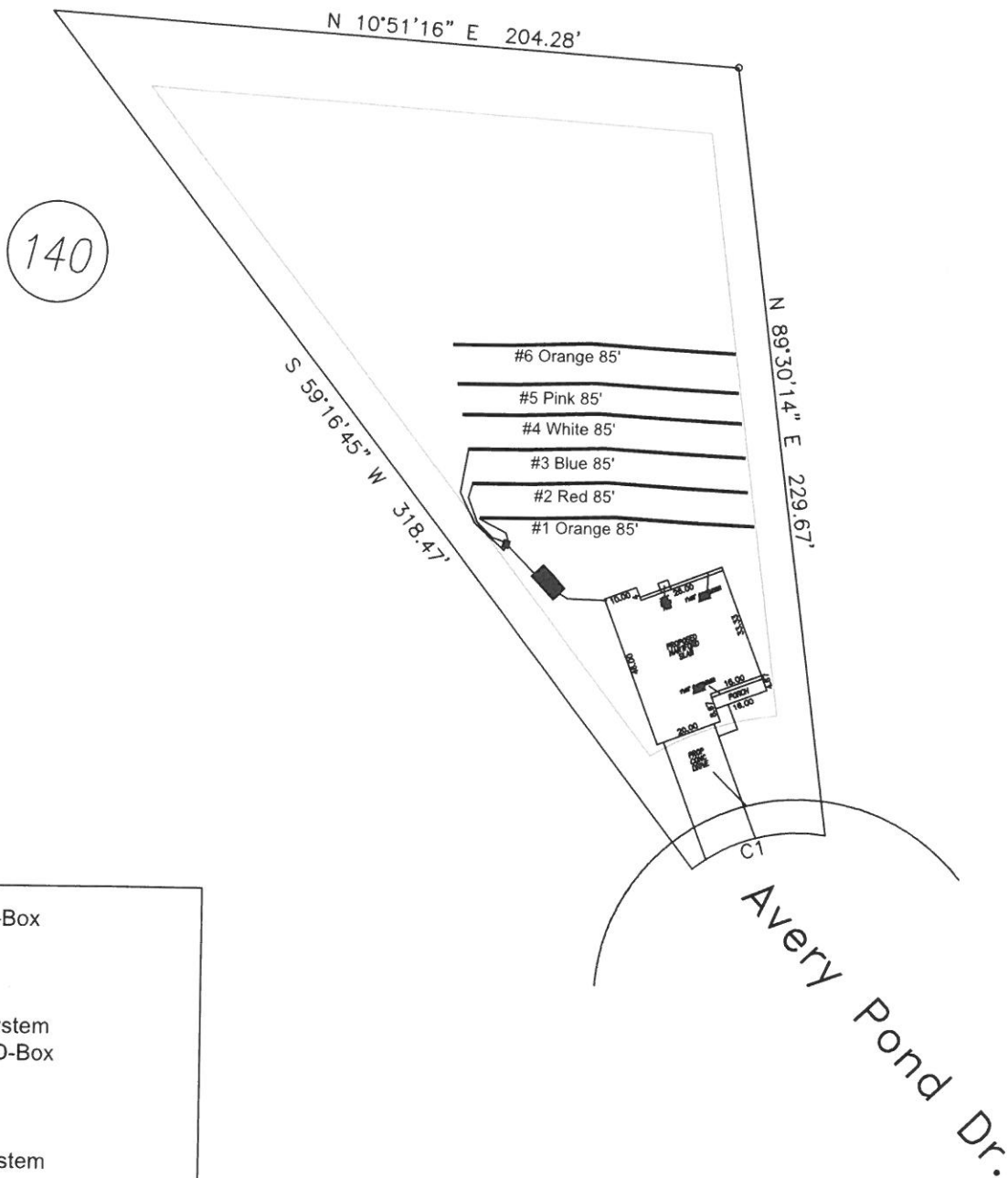
18-24"

Distribution Method

Gravity to D-
Box

Gravity to D-Box

Avery Pond 3-Bedroom Septic Proposal Lot #140



System: Gravity D-Box
 Lines: 1-3 (255')
 0.35 LTAR
 24" Trench Bottom
 Accepted Status System
 Repair: Gravity to D-Box
 Lines: 4-6 (255')
 0.35 LTAR
 24" Trench Bottom
 Accepted Status System

GRAPHIC SCALE
 1" = 50'



Adams
 Soil Consulting
 919-414-6761
 Job #708