

Harnett County Department of Public Health

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: LOI HOMES LLC PROPERTY LOCATION: 61 Waterville Way (Chalyhock Rd.) 521429
 NEW REPAIR EXPANSION SUBDIVISION: Avery Pond III LOT # 142
 Type of Structure: 3-Bedroom 28'x46' STD Site Improvements required prior to Construction Authorization Issuance:
 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
 Permit conditions: _____ 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: LOI HOMES LLC PROPERTY LOCATION: 61 Waterville Way (Chalyhock Rd.) 521429
 Facility Type: 3BZ 28'x46' STD New Expansion Repair SUBDIVISION: Avery Pond III LOT # 142
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** 25% reduction system (Initial) Wastewater Flow: 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>5</u>	Trench Spacing: <u>9</u> Feet on Center
Pump Tank Size _____ gallons	Exact length of each trench <u>55</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: <u>NA</u> inches below pipe <u>NA</u> inches above pipe <u>NA</u> inches total

Conditions: Proposal by Adex 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: _____

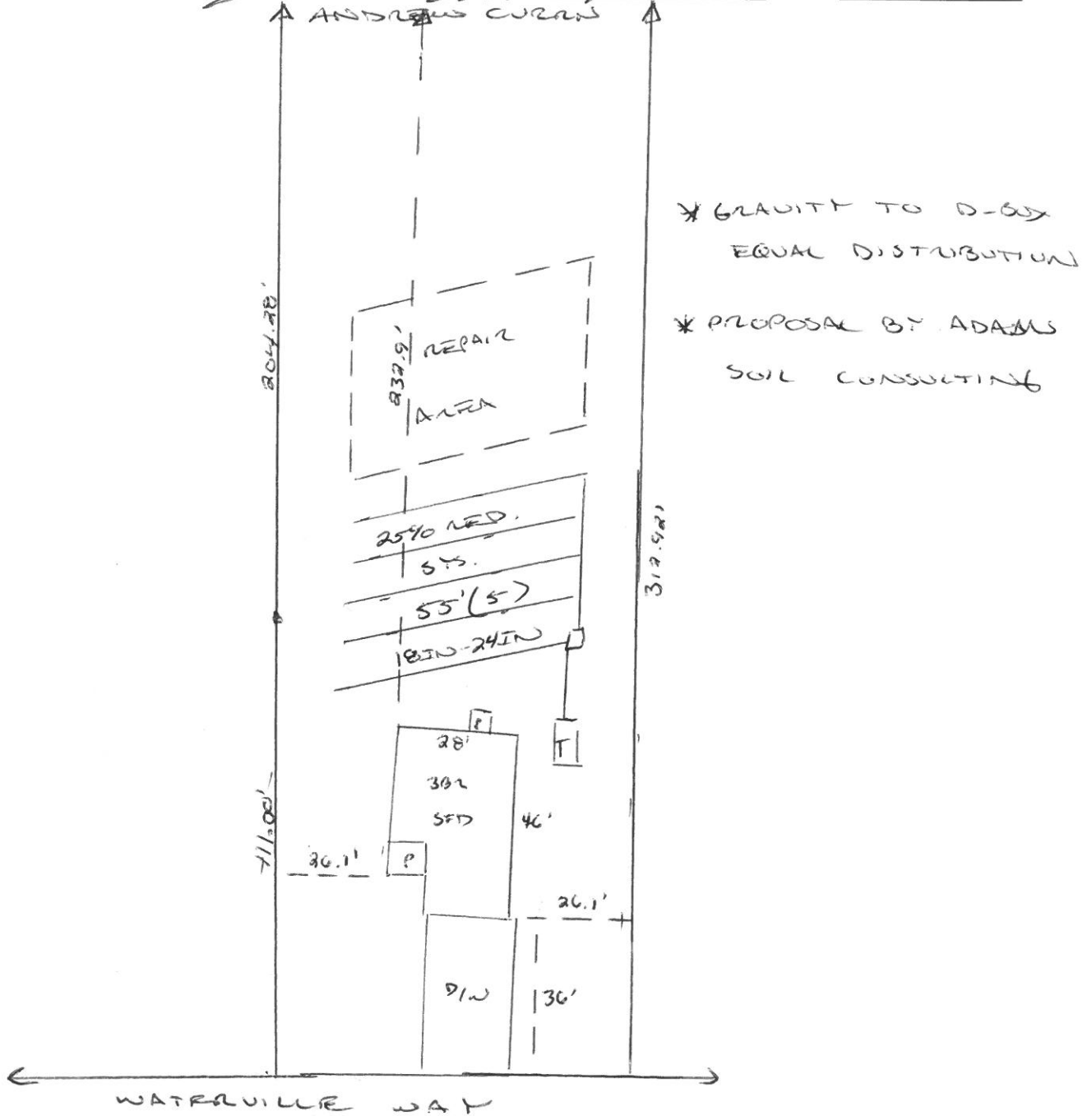
This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes. The Construction Authorization shall not be transferred when there is a change in ownership of the site. This Construction Authorization is subject to compliance with the provisions of the Laws 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 CURRIN Construction Authorization Expiration Date: 02/24/2025

Application # SFD 2002-0016

Harnett County Department of Public Health Site Sketch

Property Location: 61 Waterville Way (Cherryhoke Rd - 5021429)
Issued To: LGI Homes LLC Subdivision Avery Pond #1115 Lot # 142
Authorized State Agent: [Signature] Date: 02/24/2020



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

Avery Pond
Lot #142

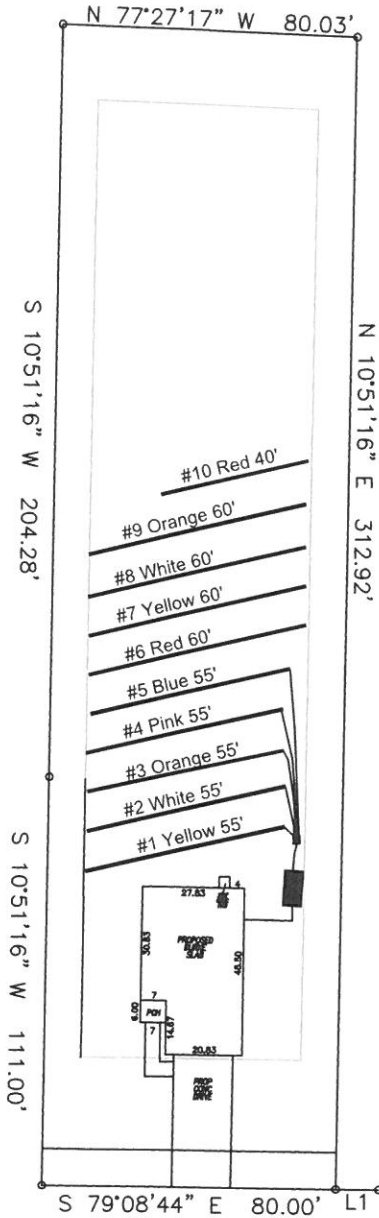
3-Bedroom Home (360 gal./day)

<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	Yellow			3	99	60	55
2	White			3.6	98.4	60	55
3	Orange			4.2	97.8	60	55
4	Pink			4.9	97.1	60	55
5	Blue			5.6	96.4	60	55
6	Red			6.6	95.4	60	60
7	Yellow			7.5	94.5	60	60
8	White			8.3	93.7	60	60
9	Orange			9.3	92.7	60	60
10	Pink			10.5	91.5	40	40
Total						360	555

	<u>System</u>	<u>Repair</u>
	Lines 1-5	Lines 6-10
System Type	Accepted Status System EZ-FLOW	Accepted Status System EZ-FLOW
Suggested Soil LTAR	0.35	0.35
Total Line Length	275	280
Square Footage	825	840
Proposed Trench Bottom	24"	24"
Distribution Method	Gravity to D-Box	Gravity to D-Box

Avery Pond 3-Bedroom Septic Proposal Lot #142

142



Avery Pond Dr.

System: Gravity D-Box
 Lines: 1-5 (275')
 0.35 LTAR
 24" Trench Bottom
 Accepted Status System
 Repair: Pressure Manifold
 Lines: 6-10 (280')
 0.35 LTAR
 24" Trench Bottom
 Accepted Status System

GRAPHIC SCALE
 1" = 50'



Adams
 Soil Consulting
 919-414-6761
 Job #708