

Harnett County Department of Public Health Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: LG HOMES LLC PROPERTY LOCATION: 85 Old Head Way (Chalhyete Road)
 SUBDIVISION: Avery Pond LOT # 82
 NEW REPAIR EXPANSION
 Type of Structure: 3-Bedroom 39'x48' 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: 12/13/2019 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: LG HOMES LLC PROPERTY LOCATION: 85 Old Head Way (Chalhyete Road)
 SUBDIVISION: Avery Pond LOT # 82
 Facility Type: 3-BR 39'x48' 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 25% reduction sys. (Repair))
 Installation Requirements/Conditions
 Septic Tank Size 1000 gallons Exact length of each trench 45 feet Trench Spacing: 9 Feet on Center
 Pump Tank Size _____ gallons Trenches shall be installed on contour at a Soil Cover: 12 inches
 Maximum Trench Depth of: 24 inches (Maximum soil cover shall not exceed 36" above the trench bottom)
 (Trench bottoms shall be level to +1-1/4" in all directions)
 Pump Requirements: _____ ft. TDH vs. _____ GPM Aggregate Depth: NA inches below pipe
 Conditions: Gravity to D-Bar Equal Distribution NA inches above pipe
Proposal by Adams soil consulting NA 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: 12/13/2019
 Construction Authorization Expiration Date: 12/13/2024

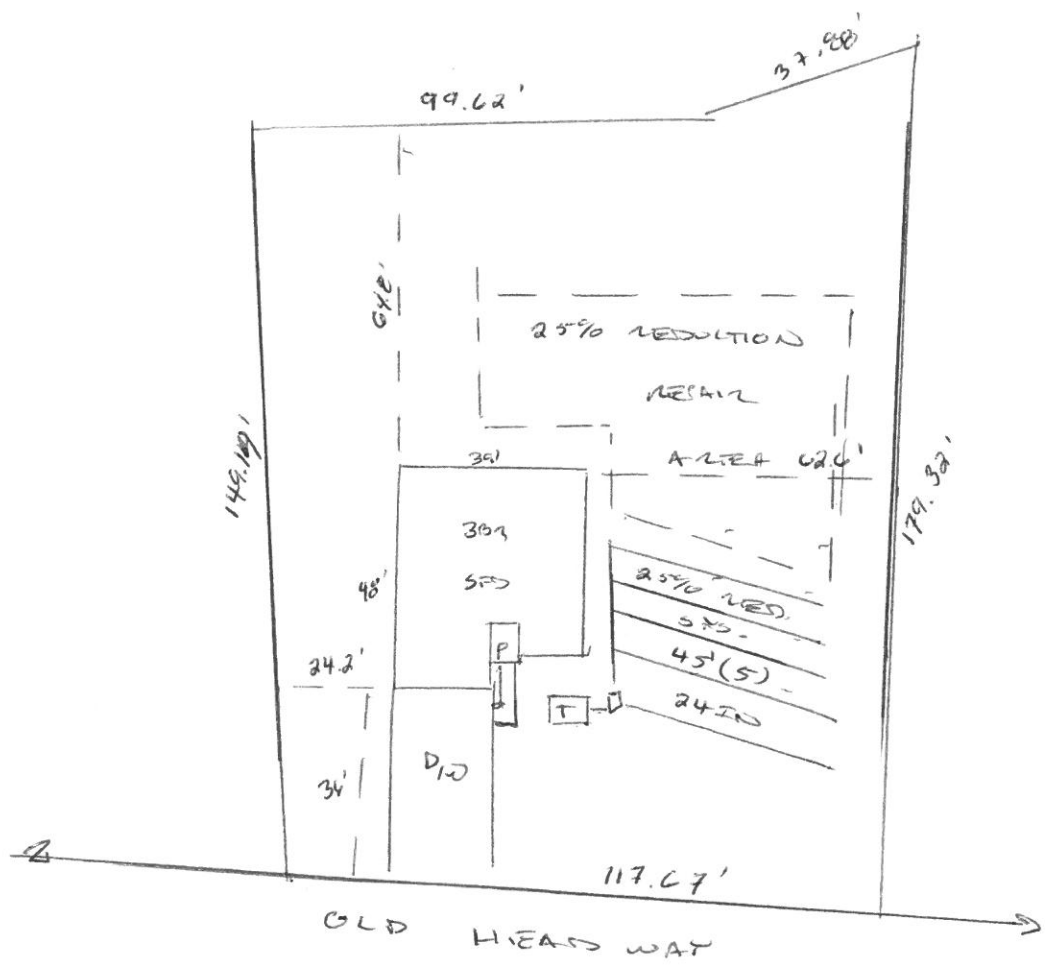
Application # SFD1912-0005

Harnett County Department of Public Health Site Sketch

Property Location: 85 Old Head Way (Charlotte Road - SW 1429)
Issued To: LG I HOMES LLC Subdivision Avery Pond Lot # 82

Authorized State Agent: *[Signature]* Date: 12/13/2017
ANDREW WILSON

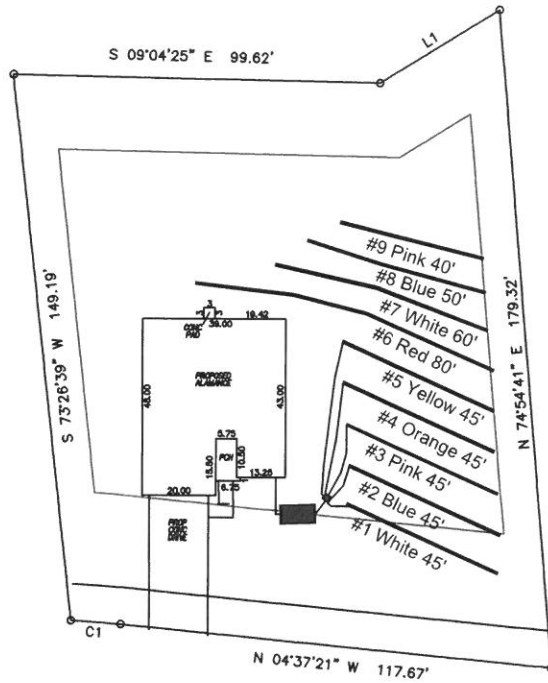
* GRAVITY TO D-BOX EQUAL DISTRIBUTION
* PROPOSAL BY ADAMS SOIL CONSULTING



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

Avery Pond 3-Bedroom Septic Proposal Lot #82

82



Old Head Way

System: Gravity D-Box
 Lines: 1-5 (225')
 0.4 LTAR
 24" Trench Bottom
 Accepted Status System
 Repair: Pressure Manifold
 Lines: 6-9 (230')
 0.4 LTAR
 24" Trench Bottom
 Accepted Status System

*If Plumbing is not sufficient
 a pump tank will be required
 to dose the septic field.

GRAPHIC SCALE
 1" = 50'



Adams
 Soil Consulting
 919-414-6761
 Job #708

Avery Pond

Lot #82

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		0.0		100.0		<u>in field</u>	<u>installation</u>
INST. 1			100.0				
<i>1</i>	<i>White</i>			<i>2.4</i>	<i>97.6</i>	<i>45</i>	<i>45</i>
<i>2</i>	<i>Blue</i>			<i>2.6</i>	<i>97.4</i>	<i>45</i>	<i>45</i>
<i>3</i>	<i>Pink</i>			<i>2.8</i>	<i>97.2</i>	<i>45</i>	<i>45</i>
<i>4</i>	<i>Orange</i>			<i>3.1</i>	<i>96.9</i>	<i>45</i>	<i>45</i>
<i>5</i>	<i>Yellow</i>			<i>3.5</i>	<i>96.5</i>	<i>45</i>	<i>45</i>
<i>6</i>	<i>Red</i>			<i>3.9</i>	<i>96.1</i>	<i>80</i>	<i>80</i>
<i>7</i>	<i>White</i>			<i>4.2</i>	<i>95.8</i>	<i>60</i>	<i>60</i>
<i>8</i>	<i>Blue</i>			<i>4.4</i>	<i>95.6</i>	<i>50</i>	<i>50</i>
<i>9</i>	<i>Pink</i>			<i>4.6</i>	<i>95.4</i>	<i>40</i>	<i>40</i>

	<u>System</u>	<u>Repair</u>
	Lines 1-5	Lines 6-9
System Type	Accepted Status System EZ-FLOW	Accepted Status System EZ-FLOW
Suggested Soil LTAR	0.40	0.40
Total Line Length	225	230
Square Footage	675	690
Proposed Trench Bottom	24"	24"
Distribution Method	Gravity to D-Box	Pressure Manifold