

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
NEW REPAIR EXPANSION
Type of Structure: 3-BEDROOM 30'x41'SFD
Proposed Wastewater System Type: 25% REDUCTION
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: 837 AVERY POND DR. (CHALBEATE RD.) 521425
SUBDIVISION: AVERY POND LOT # 134
Site Improvements required prior to Construction Authorization Issuance: _____

Permit valid for: Five years
 No expiration

Authorized State Agent: [Signature] Date: 03/30/2020 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
Facility Type: 302 30x41' SFD New Expansion Repair
Basement? Yes No Basement Fixtures? Yes No
Type of Wastewater System** 25% REDUCTION REDUCTION (Initial) Wastewater Flow: 360 GPD
(See note below, if applicable
25% REDUCTION SYS. (Repair)

PROPERTY LOCATION: 837 AVERY POND DR. (CHALBEATE RD.) 521425
SUBDIVISION: AVERY POND LOT # 134

Installation Requirements/Conditions

Septic Tank Size 1000 gallons
Pump Tank Size _____ gallons

Number of trenches 4
Exact length of each trench 60 feet
Trenches shall be installed on contour at a
Maximum Trench Depth of: 24 inches
(Trench bottoms shall be level to +/-1/4"
in all directions)

Trench Spacing: 9 Feet on Center
Soil Cover: 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: GRAVITY TO D-BOX EQUAL DISTRIBUTION

**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: 03/30/2020
ANDREW CURRIN Construction Authorization Expiration Date: 03/30/2025

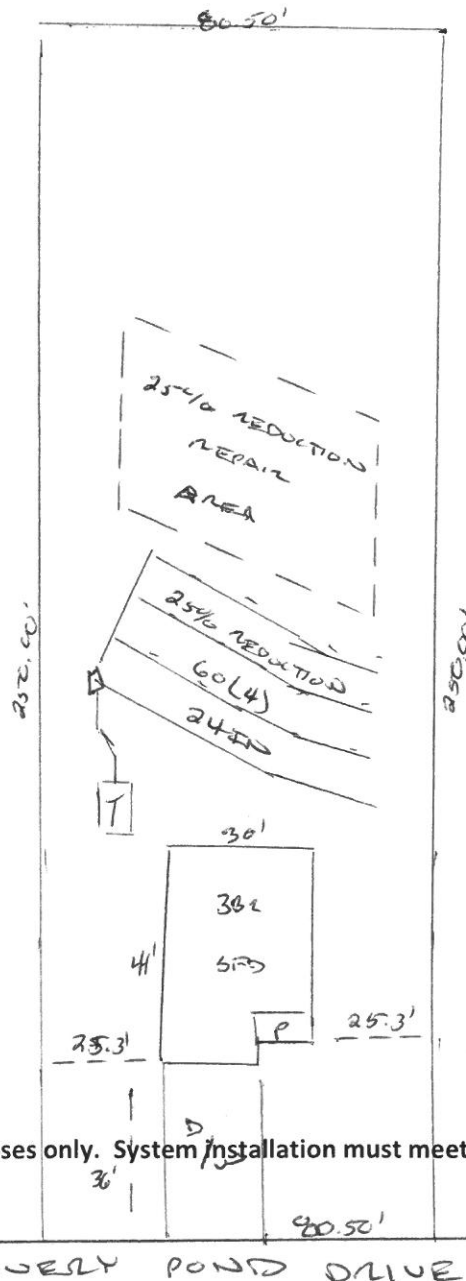
Application # SFD2003-0035

Harnett County Department of Public Health Site Sketch

Property Location: 837 AVERY POND DR. (CHALBEATE RD - S 21425)

Issued To: LBI HOMES NX LLC Subdivision AVERY POND Lot # 134

Authorized State Agent: *Andrew Curran* Date: 03/30/2020
ANDREW CURRAN

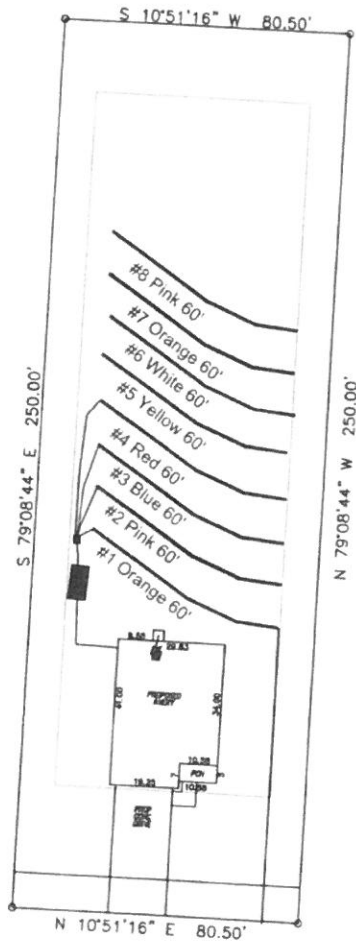


*GRAVITY TO D-BOX
EQUAL DISTRIBUTION
* PROPOSAL BY ADAMS
SOIL CONSULTING

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

Avery Pond 3-Bedroom Septic Proposal Lot #134

134



Avery Pond Drive

System: Gravity D-Box
 Lines: 1-4 (240')
 0.4 LTAR
 24" Trench Bottom
 Accepted Status System
 Repair: Gravity to D-Box
 Lines: 5-8 (240')
 0.4 LTAR
 24" Trench Bottom
 Accepted Status System

GRAPHIC SCALE
 1" = 50'



Adams
 Soil Consulting
 919-414-6761
 Job #708

Avery Pond
Lot #134

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			2.5	99.5	65	60
2	Pink			3	99	65	60
3	Blue			3.5	98.5	65	60
4	Red			4	98	65	60
5	Yellow			4.6	97.4	65	60
6	White			5.1	96.9	65	60
7	Orange			5.7	96.3	65	60
8	Pink			6.4	95.6	65	60
Total						390	360

System

Repair

Lines 1-4

Lines 5-8

System Type

Accepted Status System
EZ-FLOW

Accepted Status System
EZ-FLOW

Suggested Soil LTAR

0.40

0.40

Total Line Length

240

240

Square Footage

720

720

Proposed Trench Bottom

24"

24"

Distribution Method

Gravity to D-
Box

Gravity to D-Box