

# Harnett County Department of Public Health

## Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: D.R. Horton Inc. PROPERTY LOCATION: 97 Long Meadow Ln. (Baptist Grove Rd. - )  
 SUBDIVISION Lafayette Meadows LOT # 24

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

Type of Structure: 38x36 (3bed/2.5) 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 valid for:  Five years  No expiration

Permit conditions: \_\_\_\_\_

Authorized State Agent:  Date: 11/04/2021 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: D.R. Horton Inc. PROPERTY LOCATION: 97 Long Meadow Ln. (Baptist Grove Rd.)  
 SUBDIVISION Lafayette Meadows LOT # 24

Facility Type: 38x36 (3bed/2.5) 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 System (Repair))

Installation Requirements/Conditions

Septic Tank Size <u>1000</u> gallons	Number of trenches <u>3</u>	Trench Spacing: <u>9</u> Feet on Center
Pump Tank Size _____ gallons	Exact length of each trench <u>100</u> feet	Soil Cover: <u>6-12</u> inches
	Trenches shall be installed on contour at a	(Maximum soil cover shall not exceed
	Maximum Trench Depth of: <u>18-24</u> inches	<u>36"</u> above the trench bottom)
	(Trench bottoms shall be level to +/-1/4"	
	in all directions)	

Pump Requirements: \_\_\_\_\_ ft. TDH vs. \_\_\_\_\_ GPM

Aggregate Depth: NA inches below pipe  
NA inches above pipe  
NA inches total


Conditions: Proposal by Hal Owens Assoc. Inc.

**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:  Date: 11/04/2021  
HAL OWENS Construction Authorization Expiration Date: 11/04/2026

Application # SFD2110-0085

## Harnett County Department of Public Health Site Sketch

Property Location: 97 Long Meadow Ln. (Baptist Grove Rd. - SR 1427)

Issued To: D.R. Horton Inc.

Subdivision Lafayette Meadows

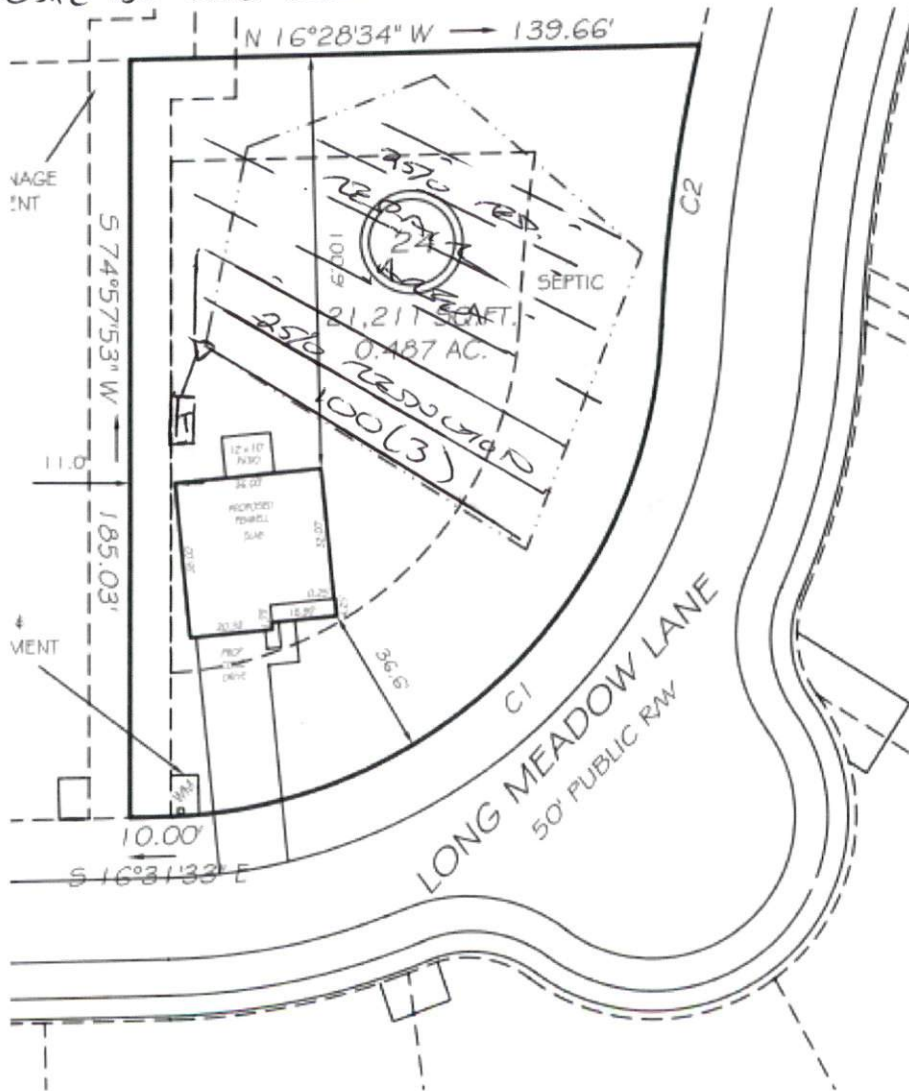
Lot # 24

Authorized State Agent: \_\_\_\_\_

*Andrew Cowan*  
ANDREW COWAN

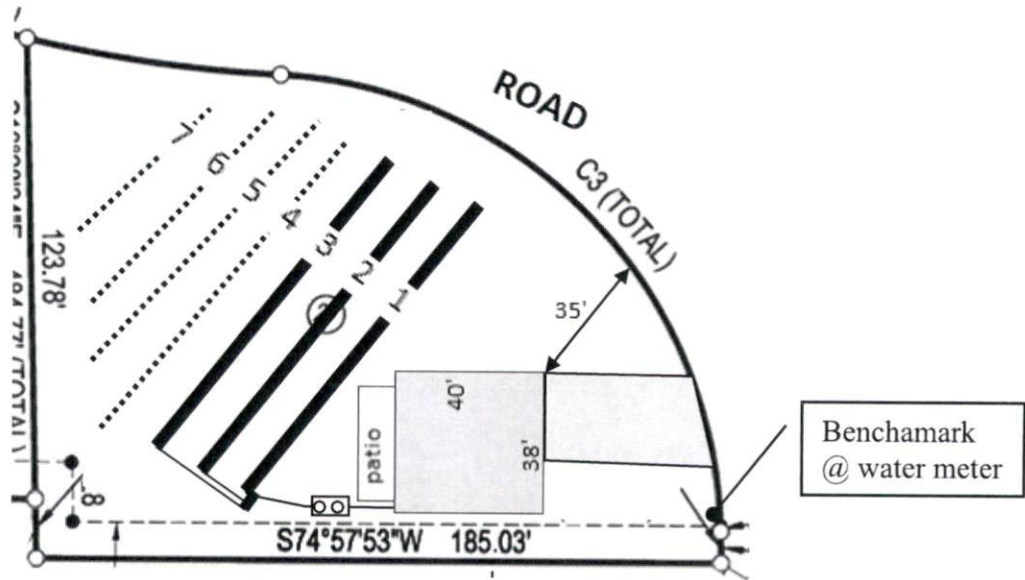
Date: 11/64/2021

- \* GRAVITY TO D-BOX EQUAL DISTRIBUTION REQUIRED
- \* INSTALL AS HIGH UPHILL AS LOTTOPRA ALLOWS
- \* PROPOSAL BY HAL OWENS & ASSOC. INC.



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


Lot 24, Lafayette Meadows Subdivision



Lines flagged at site on 9-ft centers.

Line #	Color	Relative	Elevation (ft)	Drainline Length(ft)	Filed Length(ft)
		South	north		
1	B	101.15	100.91	100	101
2	W	101.04	100.30	100	120
3	R	101.00		100	124
4	Y	100.71		110	122
5	B	100.52		90	93
6	W	100.15		60	62
7	R	100.00		40	42
<b>Benchmark</b>		<b>100.00</b>			



Scale 1 in = 50 ft  
  
 Distances are paced  
 and approximate.  
 Not a survey.

This design represents our professional opinion but does not guarantee or represent permit approval by the Health Department.

3 bedroom home (480 gal/day)  
Initial System  
 Gravity to 3 X 100ft  
 Accepted Status System (25% reduction drainlines)  
 installed off contour at 18-24 inch trench depth  
 LTAR 0.3 gal/day/sqft  
Repair System  
 Gravity to 300ft (serial distribution)  
 Accepted Status System (25% reduction drainlines)  
 installed on contour at 18-24 inch trench depth  
 LTAR 0.3 gal/day/sqft