


# 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: 45 Farm Pond Drive (US 401 N.)  
 SUBDIVISION Morgan Farm North LOT # 54  
 NEW  REPAIR  EXPANSION   
 Type of Structure: 38x46(4bed/2.5ba)  
 Proposed Wastewater System Type: 25% Reduction System  
 Projected Daily Flow: 480 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 valid for:  Five years  No expiration  
 Permit conditions: \_\_\_\_\_

Authorized State Agent:  Date: 06/04/2021 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.

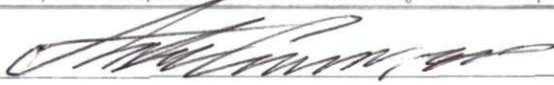
ISSUED TO: D.R. Horton Inc. PROPERTY LOCATION: 45 Farm Pond Drive (US 401 N.)  
 SUBDIVISION Morgan Farm North LOT # 54  
 Facility Type: 38x46(4bed/2.5ba)  New  Expansion  Repair  
 Basement?  Yes  No Basement Fixtures?  Yes  No  
 Type of Wastewater System\*\* 25% Reduction System (Initial) Wastewater Flow: 480 GPD  
 (See note below, if applicable   
25% Reduction System (Repair)  
 Installation Requirements/Conditions  
 Septic Tank Size 1000 gallons Number of trenches 6  
 Exact length of each trench 67.5 feet Trench Spacing: 9 Feet on Center  
 Pump Tank Size \_\_\_\_\_ gallons Trenches shall be installed on contour at a Soil Cover: 6 inches  
 Maximum Trench Depth of: 16 inches (Maximum soil cover shall not exceed  
 (Trench bottoms shall be level to +/-1/4" 36" above the trench bottom)  
 in all directions)  
 Pump Requirements: \_\_\_\_\_ ft. TDH vs. \_\_\_\_\_ GPM Aggregate Depth: NA inches below pipe  
 \_\_\_\_\_ inches above pipe  
 Conditions: Proposal by Southeastern Soil & Environmental Assoc., Inc. 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:  Date: 06/04/2021  
ANDREW CURRAN Construction Authorization Expiration Date: 06/04/2026

# Harnett County Department of Public Health Site Sketch

Property Location: 45 Farm Pond Drive (US 401 N.)

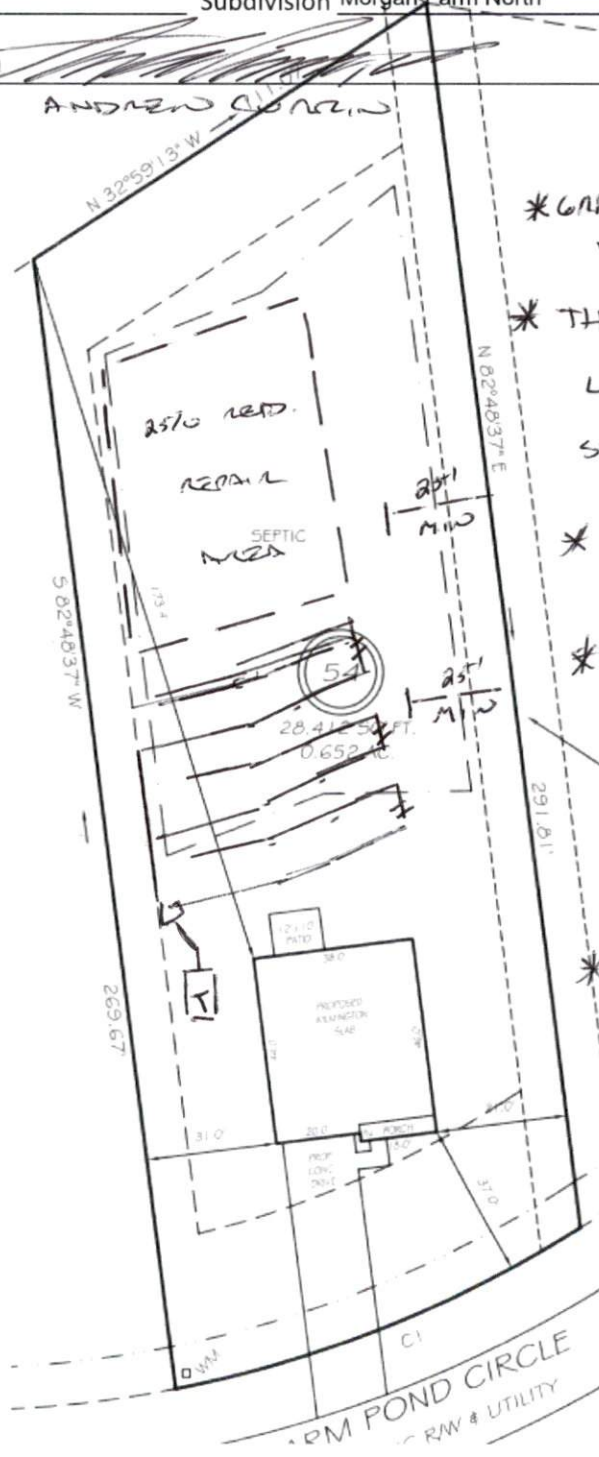
Issued To: D.R. Horton Inc.

Subdivision Morgan Farm North

Lot # 54

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

Date: 06/04/2021



- \* GRADIENT TO D. BOX  
EQUAL DISTRIBUTION
- \* THREE (3) 120 FT  
LINES w/ SHALLOW  
STEPDOWN @ MIDPOINT
- \* INSTALL AS HIGH AS  
CONTOUR ALLOWS
- \* 25 FT MIN LIGHT  
P.O.L. SETBACK DUE  
SOIL DISTURBANCE  
FROM DEVELOPMENT
- PHASE RETENTION POND
- \* 2 IN IMPORT SOIL  
COVER REQUIRED

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

SOUTHEASTERN SOIL & ENVIRONMENTAL ASSOC., INC.

PROPOSED SUBSURFACE WASTE DISPOSAL SYSTEM DETAIL SHEET

SUBDIVISION: MORGAN FARMS NORTH

LOT 54

INITIAL SYSTEM: APPROVED 25% REDUCTION

REPAIR APPROVED 25% REDUCTION

DISTRIBUTION: SERIAL

DISTRIBUTION SERIAL

BENCHMARK: 100.0

LOCATION PC 54/55

NO. BEDROOMS: 4

LTAR 0.35 GPD/FT<sup>2</sup>

LINE	FLAG COLOR	ELEVATION	LENGTH	
Initial system {	1	Y	103.50	75'
	2	P	103.34	75'
	3	Y	103.17	75'
	4	P	103.08	75'
	5	Y	102.84	75'
			<u>375'</u>	
6	P	102.67	75'	
7	Y	102.50	75'	
8	P	102.08	75'	
9	Y	101.67	75'	
10	P	100.58	75'	
			<u>375'</u>	

BY M EAKER

DATE DECEMBER 2019 / JAN 2020

TYPICAL PROFILE

THERE SHALL BE NO GRADING,  
CUTTING, LOGGING OR OTHER SOIL  
DISTURBANCE IN SEPTIC AREA

0-14 gcl (VF, mac)

14-36+ gcl/sc (F; dbw)

cc 2/PM > 28"

INSTALL AT 16", ADD 2" COVER

HEALTH DEPARTMENT USE ONLY.

DESIGNS DO NOT GUARANTEE FUNCTIONALITY



