



**OPERATION PERMIT FOR WASTEWATER SYSTEM**  
**CHATHAM COUNTY PUBLIC HEALTH DEPARTMENT**  
**DIVISION OF ENVIRONMENTAL HEALTH**  
80 EAST ST., P.O. BOX 130 - PITTSBORO, NC 27312-0130  
PHONE 919-542-8208 / FAX 919-542-8288  
[www.chathamnc.org/environmentalhealth](http://www.chathamnc.org/environmentalhealth)

Date: April 1, 2025

**Expansion**

Owner: PAUL W. HARREL, JR.  
911 Address: 471 DEER RUN, PITTSBORO, NC 27312  
Parcel Number: 17322  
Subdivision Name: MT. GILEAD WOODS  
Subdivision Lot: 16R

**FACILITY**


Facility Type: Single Family Residence  
Number of Bedrooms: 2→3      Number of Occupants: 4→6 MAX      Other: N/A  
Design Flow: 240→360 GPD  
Engineering Design with Low-Flow Fixtures/Technologies: No (if yes, see attached certification)  
Design Wastewater Strength: Domestic      Effluent Standard: DSE  
Initial System Type: IIa - Conventional, ≤750 linear feet  
Repair System Type: IIb - Accepted Gravity  
Type of Water Supply: Private Well  
Management Entity Required: No  
Minimum O&M Requirements: N/A  
If a repair, was best professional judgement used: N/A (if yes, attach form BPJ-23.1)

**INSTALLATION SPECIFICATIONS**

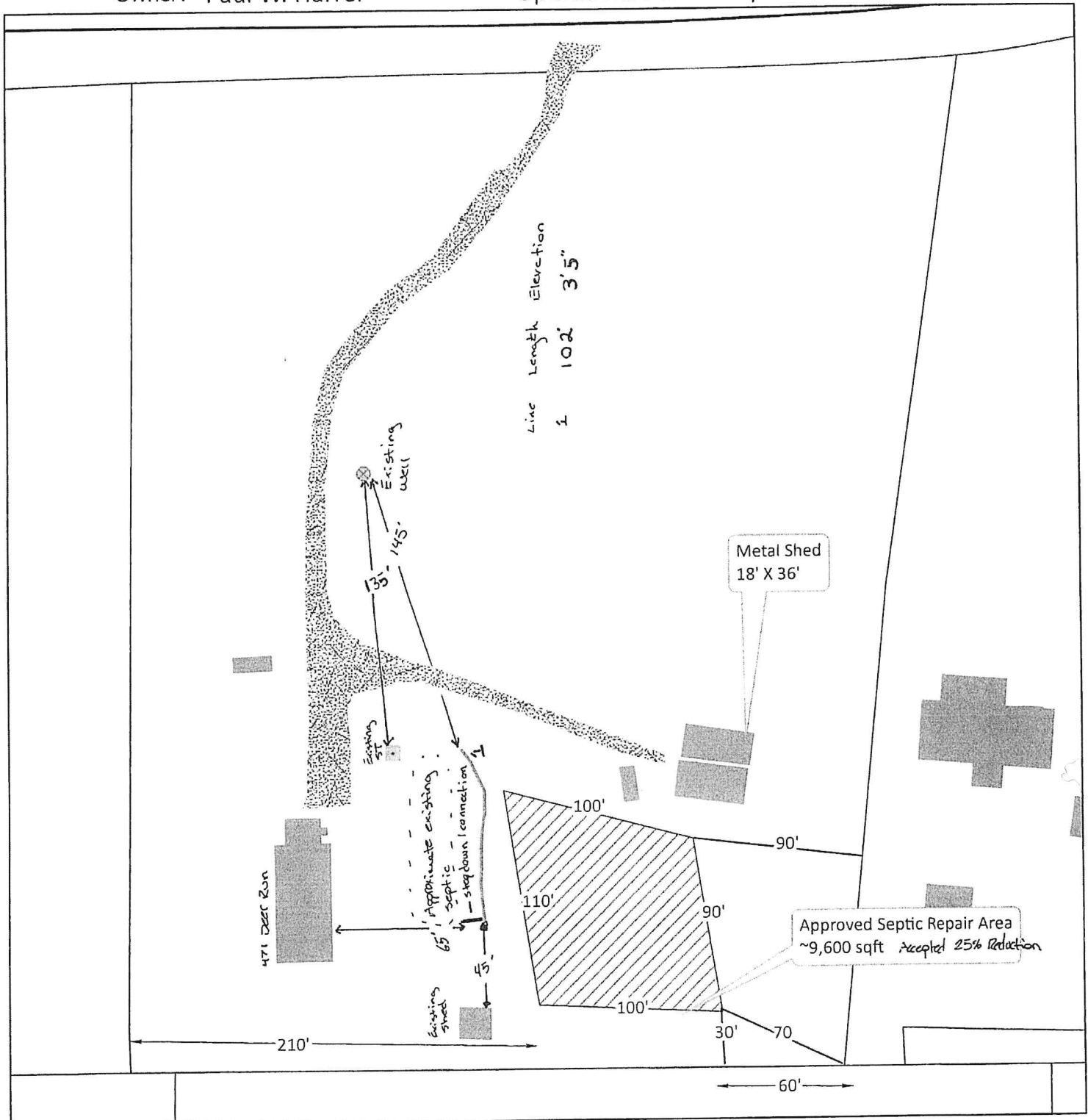
Wastewater System Installed: Accepted (25% Reduction) Infiltrator Chambers  
Septic Tank Size and ID: Existing      Pump Tank Size and ID: N/A  
Nitrification Line: Length: 100 ft. Width: 3 ft. Depth: 19 in. on downslope sidewall  
Line Spacing: 9 ft. on center      Distribution Method: Serial  
In Situ Soil Cover: N/A in.      Additional Soil Cover: N/A in.      Additional Soil Cover Checked (if applicable): N/A  
Artificial Drainage Installed: No  
Artificial Drainage Details: N/A  
Installer: Joseph Beal      Certification #: 1950

**OP CONDITIONS:**

*Owners of systems requiring routine inspection by the Chatham County Public Health Department are required to pay an annual county monitoring fee. Operation Permit holders are responsible for notifying subsequent owners of operation permit requirements. The requirements of 15A NCAC 18E are incorporated by reference into this permit and shall be met. This Operation Permit is subject to compliance with the provisions of 15A NCAC 18E, or 15A NCAC 18A .1900, as applicable, and to the conditions of this permit.*

Issued by:   
Registered Environmental Health Specialist

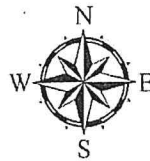
\*See attached site sketch.



### Legend

- Tanks
- Existing Wells
- Supply Lines
- Approved System Area
- Road Centerlines
- Parcels
- Field Lines
- Building Footprints (2023)

Parcel Number: 17322



0 15 30 60 90 120 Feet

Author:

Date: 4-1-2025