



## Improvement Permit for Wastewater Systems

Article II - Chapter 130A of the NC General Statutes  
**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)

**Expiration Date:** December 6, 2027

### New

**Owner:** DOWDY, JAMES EARL  
**911 Address:** TBD HENRY OLDHAM RD. BEAR CREEK, NC 27207  
**Parcel Number:** 10017  
**Subdivision Name:** N/A  
**Subdivision Lot:** N/A

An Improvement Permit is issued to JAMES EARL DOWDY for a site on a 4.84 acre parcel located at TBD HENRY OLDHAM RD. BEAR CREEK, NC 27207 in Chatham County. It is specifically issued for the following facility:

**Facility:** Single Family Dwelling  
**Type of Wastewater:** Domestic  
**Number of Bedrooms:** 4  
**Max Number of Occupants:** 8

**Design Flow:** 480 GPD  
**Application Rate:** 0.25 GPD/ft<sup>2</sup>

**Initial System Type:** III  
**Trench Product:** Accepted (25% reduction)

**Tank(s) Size with Risers and Effluent Filter:** ST 1,000 Gal PT N/A Gal

**Nitrification Line:** **Length:** 480 ft. **Width:** 3 ft. **Max Depth:** 12 in. on downslope sidewall

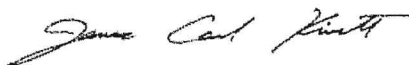
\*On contour in approved septic area; Sch. 40 PVC required over step-downs.

**Repair System Type:** Accepted (25% reduction)

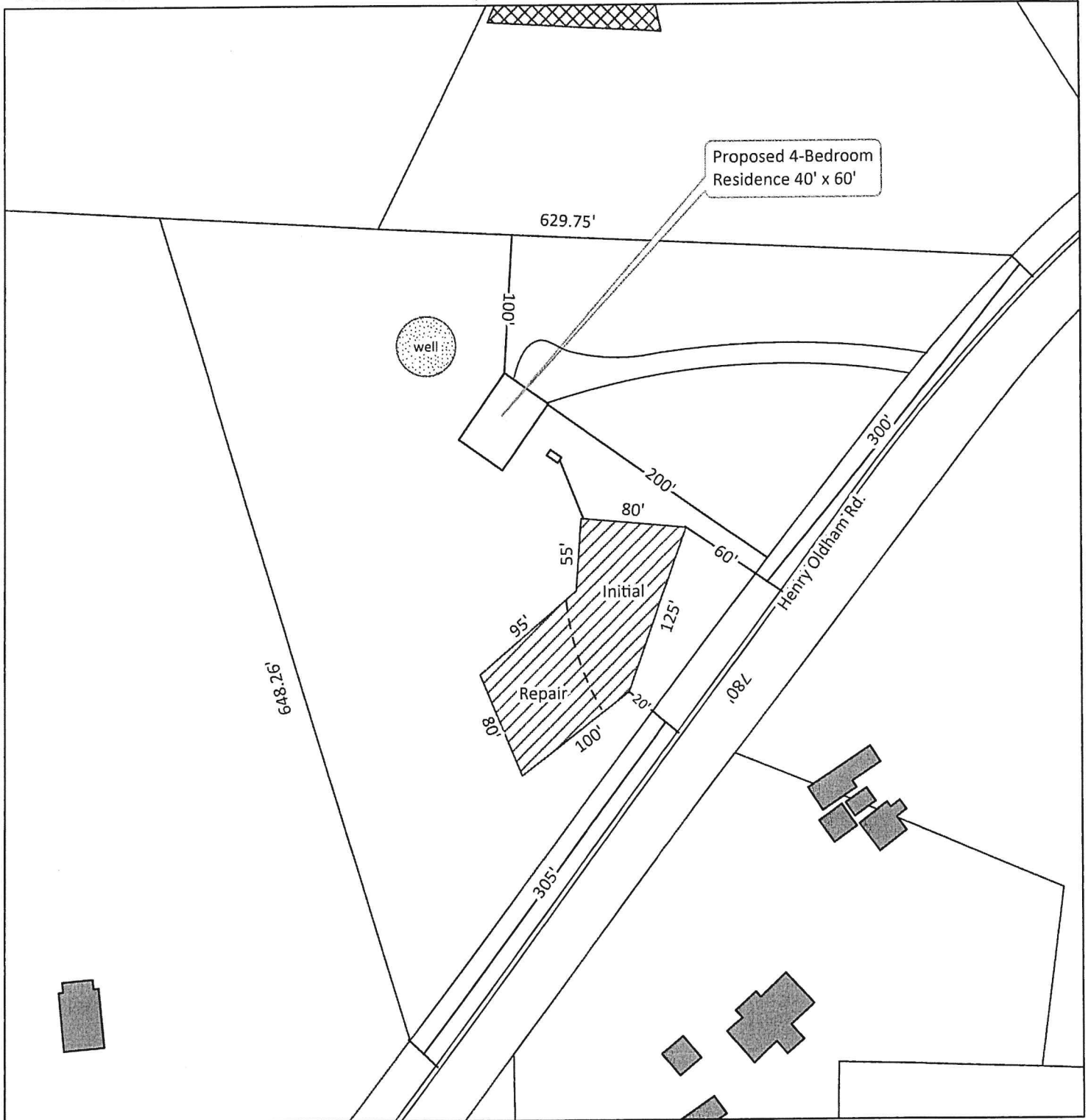
**Special Conditions:** Additional soil needed to achieve 6 inches minimum cover over system area.

- This permit is valid for five years but is subject to revocation if the site is altered, soil disturbed, setbacks violated, or the plans of intended use are changed.
- A site plan showing specific location of the facility, the site of the proposed wastewater system, existing buildings, property lines, water supplies, surface waters, the conditions for any site modifications; and any other information required by the department must be attached to be valid.
- The Improvement Permit shall not be affected by change in ownership.
- A Construction Authorization must be obtained from this office before installation and prior to applying for building permits.
- Septic tank riser 6" above grade required over outlet access port as a visible marker for the septic tank. Solid PVC with elbows must be used to construct conveyance over dams and step-downs.

**THIS IS NOT AN AUTHORIZATION TO INSTALL.**

Issued by:  NC Registration #: 1912 Date: 12/6/2022

James Carl Kivett – Registered Environmental Health Specialist



Legend

-  Approved Well Area
-  Existing System Area
-  Approved System Area
-  Road Centerlines
-  Existing Structure
-  Parcels



REHS: *James Earl Dowdy*

Date: 12/06/2022

