



## Moore County Health Department

Environmental Health Section  
PO Box 279, Carthage, NC 27327  
Phone: 910-947-6283 Fax: 910-947-5127

### Improvement Permit

Owner: ONSITE HOMES, LLC Phone # 910-745-0001  
Directions To Property: 1945 CRANES CREEK RD., CAMERON, NC 28326

Design Flow Units: BEDROOM GPD per Unit: 120 Total Daily Design Flow: 480 gpd  
Waste Strength: DOMESTIC Number of Occupants: 8 Water Supply: PUBLIC  
Tri-Party Agreement? Yes:        No: X Easements Required: Yes:        No: X

#### Initial System

Septic Tank Size: 1000 gal Pump Tank Size: 1000 gal Max Trench Depth: 12 in  
LTAR: 0.4 Total Trench Length: 312 ft Trench Width: 3 ft  
Media Depth: 12 in System Type: ACCEPTED/25% REDUCTION Distribution Method: PUMP TANK

#### Repair System

Septic Tank Size: 1000 gal Pump Tank Size: 1000 gal Max Trench Depth: 12 in  
LTAR: 0.4 Total Trench Length: 310 ft Trench Width: 3 ft  
Media Depth: 12 in System Type: ACCEPTED/25% REDUCTION Distribution Method: PUMP TANK

#### Permit Conditions:

1) Distance to Water Supplies: Wells, Springs, Etc: >50' Lakes, Streams, Etc.: >50'  
Water Lines: >10' Interceptor/Storm Drains: 10'/15'

2) Any underground utilities, irrigation components, accessory structures, or pools shall not be installed within the septic system area or septic repair area.

3) Maintain all applicable setbacks to septic system components.

4) **INSTALL IN DRY CONDITIONS ONLY.**

5) **MAINTAIN 50 FOOT SETBACK FROM SMALL STREAM AND 15 FOOT SETBACK FROM OVERHEAD POWERLINE.**

6) **TREE REMOVAL REQUIRED**

7) **ACCEPTED, 25% REDUCTION, INSTALL ON CONTOUR, INSTALL 4 LINES AT 78 FEET EACH, MAX TRENCH DEPTH 12 INCHES, COVER WITH SIX INCHES OF GRADE III/III SOIL WITH 5 FOOT BORDERS SLOPED TO DRAIN, PUMP TANK MAY BE REQUIRED BASED UPON FINAL ELEVATIONS, TREE REMOVAL REQUIRED, DO NOT CUT OR GRADE SEPTIC AREA, SEED & STRAW DRAIN FIELD FOR EROSION CONTROL; SOD IS RECOMMENDED.**

8) **PUMP TANK DOSE VOLUME: 152 GALLONS PER CYCLE.**

9) **PRECONSTRUCTION MEETING WITH HEALTH DEPARTMENT REQUIRED PRIOR TO INSTALLATION.**

Issued By: MICHAEL OXENDINE REHS  Date: 11/19/2024

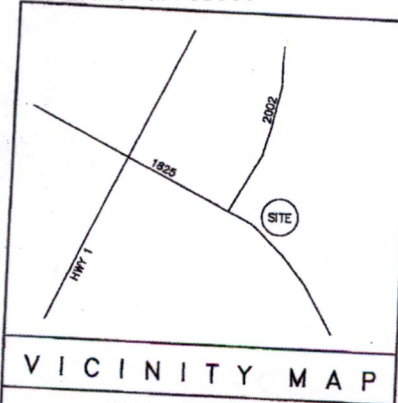
The issuance of this permit in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements. This permit is subject to revocation if the site plan, plat, or the intended use changes. The Improvement Permit shall not be affected by a change in ownership of the site. This permit is subject to compliance with the provisions of 15A NCAC 18E and to the conditions of this permit. This Permit is Valid for a period of Sixty (60) Months unless the site, site plan, plat, or intended use of the property changes.

### Authorization to Construct Wastewater System

Issued By: MICHAEL OXENDINE REHS  Date: 11/19/2024

The requirements of 15A NCAC 18E are incorporated by reference into this permit and shall be met. Systems shall be installed in accordance with the attached site sketch. This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes. The Construction Authorization shall not be affected by a change in ownership of the site. This Construction Authorization 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. This Authorization is Necessary Prior to Obtaining a Building or Electrical Permit and expires Sixty (60) Months from the date issued or immediately if the site, site plan, or intended use of the property changes.

- Do not grade, compact, or otherwise disturb soil in original system area or repair area
- Property lines/corners must be clearly marked at time of installation and inspection
- Divert downspouts and all surface water from system area
- Install interceptor drain \_\_\_\_\_ inches deep
- Install on contour**
- Authorization to construct permit will be issued after receiving final house/site plan
- Six inches of approved soil over nitrification lines required**
- Rake trench sidewalls
- Install pipe for copper sulfate. Add copper sulfate in system
- Pump, crush, and fill existing tank
- Filter fabric required
- Seed and straw nitrification lines
- Filter rated for grease removal
- Filter rated for hair removal in wash tank
- Approved and properly rated effluent filter required
- Risers and openings must be sealed with mastic, butyl rubber, and fibered cement or hydraulic cement
- Must test electrical and pump components
- 50 lbs. pressure for two hours on pressure line
- Must water or vacuum test tanks
- Call health department before installing system (910) 947-6284
- Meet health department onsite a minimum of 24 hours before installing system**

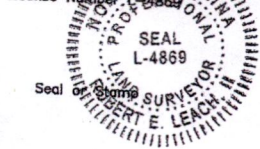


SITE PLAN  
 LOT 42 A  
 "OAK RUN"  
 PLAT CABINET 8 SLIDE 983  
 FOR  
**ON SITE HOMES**  
 MINERAL SPRINGS TOWNSHIP

MOORE COUNTY NORTH CAROLINA  
 DATE 10/15/2024 SCALE 1" = 50 FEET  
 SURVEYED BY : ROBERT E. LEACH, II  
 DRAWING NO. 2024143

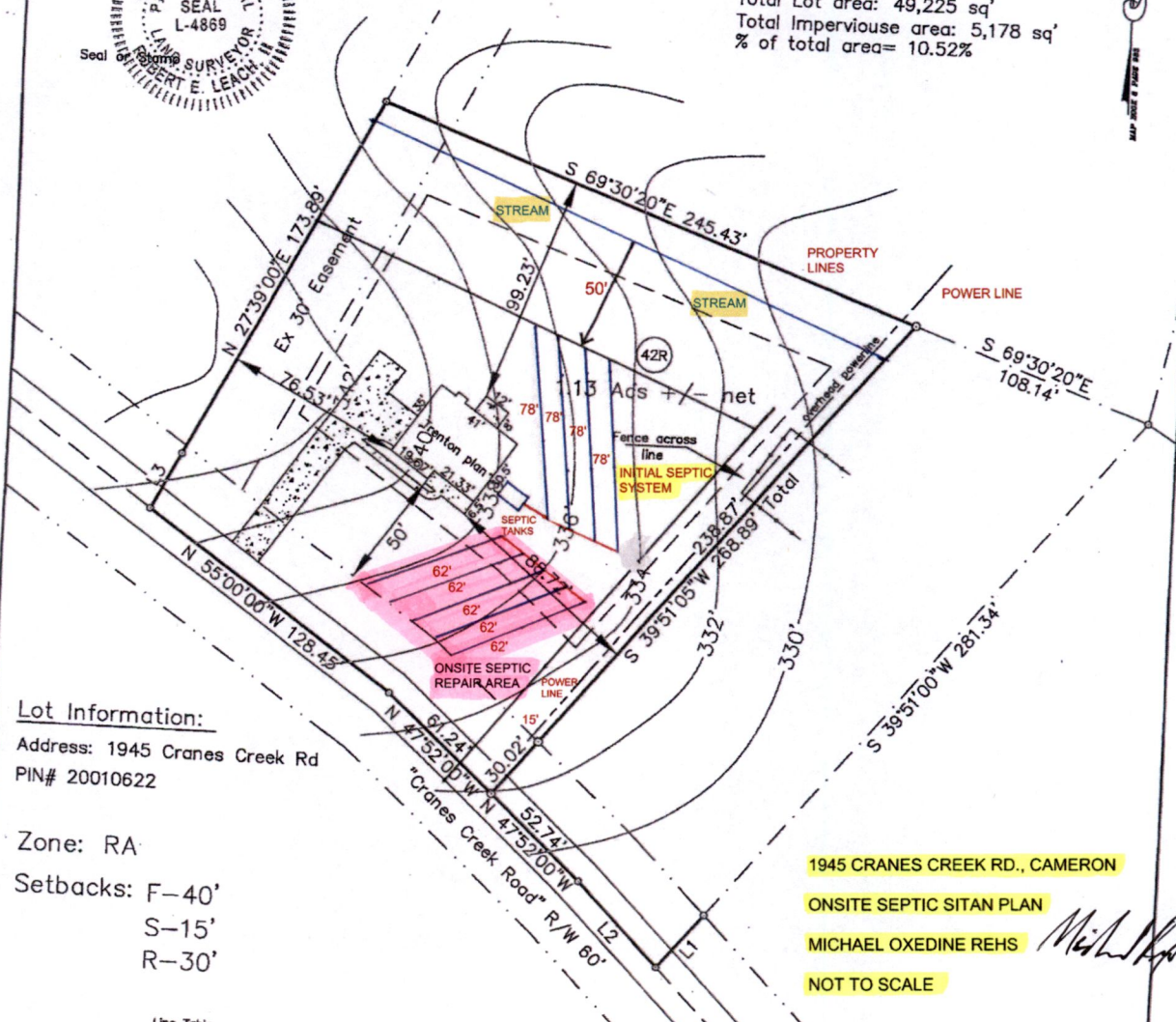
I, Robert E. Leach, II, certify that this plat was drawn under my supervision from an actual survey made under my supervision, that the ratio of precision as calculated by latitude and departures is 1/10,000, that the boundaries not surveyed are shown as broken lines plotted from information found in Map Book 8, Page 983;  
 I further certify that this survey is of an existing parcel or parcels of land. Witness my original signature, license number and seal, this the 15th day of October, 2024.

Robert E. Leach, II, Professional Land Surveyor  
 License Number: L-4869



**IMPERVIOUS CALCULATIONS:**

Total Lot area: 49,225 sq'  
 Total Impervious area: 5,178 sq'  
 % of total area = 10.52%



**Lot Information:**

Address: 1945 Cranes Creek Rd  
 PIN# 20010622

Zone: RA

Setbacks: F-40'  
 S-15'  
 R-30'

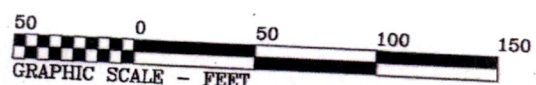
- 1945 CRANES CREEK RD., CAMERON
- ONSITE SEPTIC SITAN PLAN
- MICHAEL OXEDINE REHS
- NOT TO SCALE

*Michael Oxedine Rehs*

**Line Table**

- Boundary Lines
- - - Road Right of Way Lines
- Centerline of Road
- Lines not Surveyed

| Course | Bearing       | Distance |
|--------|---------------|----------|
| L1     | S 39°51'00" W | 30.00'   |
| L2     | N 44°56'00" W | 49.54'   |
| L3     | N 27°39'00" E | 26.61'   |



HASTY LAND SURVEYING, PLLC  
 102 SHANNON ROAD  
 RED SPRINGS, NC 28377  
 (910) 843-4510  
 FIRM LIC# P-1406