

Permit # 56159 LRK# 00023449  
Property Address: 189 N.C. Hwy. 73, West End, N.C. 27376

Page 1 of 4  
Number of Bedrooms: 3



## Moore County Health Department

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

### Repair Permit

Owner: Pamela and Charles Sterner Phone # 910-520-3061  
Directions To Property: \_\_\_\_\_

Design Flow Units: 3 Bdrms. GPD per Unit: 120 Total Daily Design Flow: 360 gpd  
Waste Strength: Domestic Number of Occupants: 6 Max. Water Supply: Public  
Tri-Party Agreement? Yes: \_\_\_\_\_ No: X Easements Required: Yes: \_\_\_\_\_ No: X

### Repair System

Septic Tank Size: 1000 gal Pump Tank Size: 1000 gal Max Trench Depth: 30 in  
LTAR: 0.8 Total Trench Length: 150 ft Trench Width: 3 ft  
Media Depth: 12 in System Type: Conventional Distribution Method: Serial or D-box

### 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) Existing well must be abandoned before installation.
- 5) Existing septic tank location is going to be 3' off new property line and it will either need an easement for it and the new pump tank OR pump, crush and fill septic tank and relocate them 10' off property line and 10' off gutter pipe(see drawing).
- 6) Homeowner requested to use conventional due to possible occasional driving over area.
- 7) Public water line may be in septic area and will have to be relocated to meet setbacks.

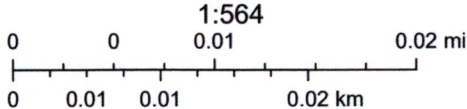
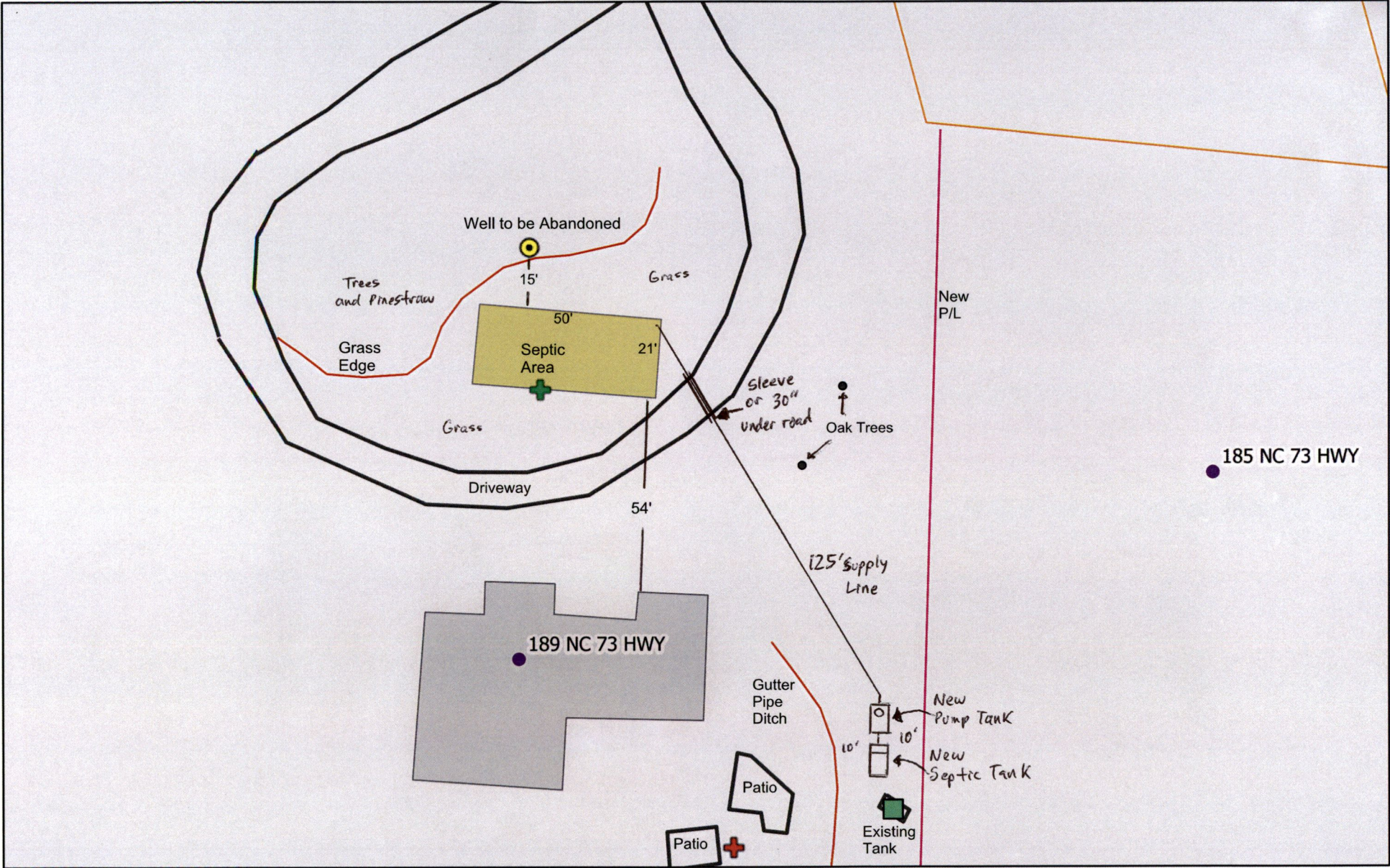
### Authorization to Construct Wastewater System

Issued By: Russ Kelly Date: 6-24-25

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.

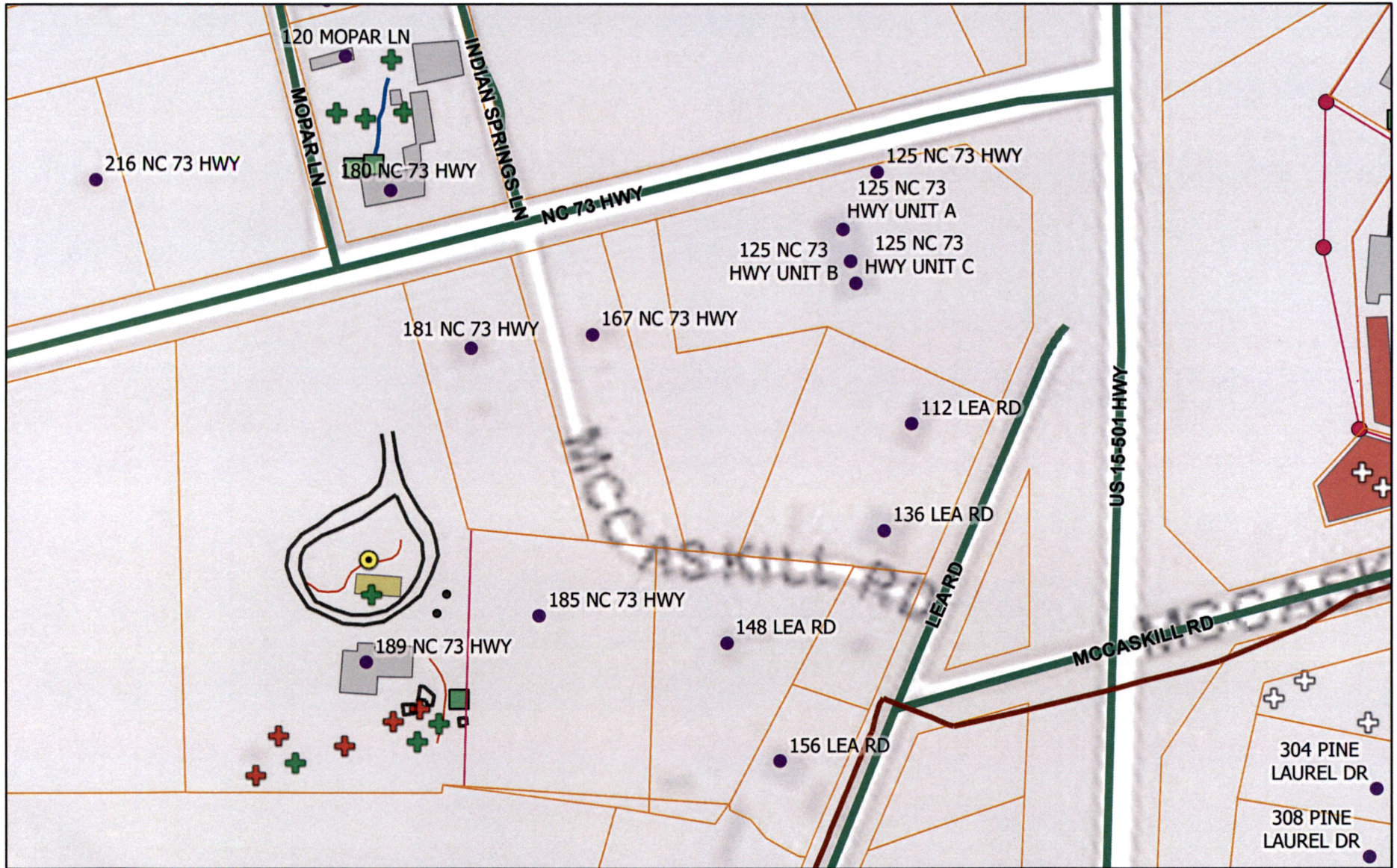
- Do not grade, compact, or otherwise disturb soil in original system area or repair area
- Property lines/corners must be clearly marked at time of installation and inspection
- Divert downspouts and all surface water from system area
- Install interceptor drain \_\_\_\_\_ inches deep
- Install on contour
- 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

# Env\_Health\_Editing\_Map



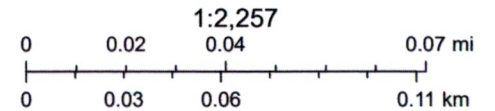
State of North Carolina DOT, State of North Carolina DOT, Esri, HERE, Garmin, GeoTechnologies, Inc., USGS, EPA

# Env\_Health\_Editing\_Map



6/24/2025 Page 4 of 4  
Repair Permit # 56159

Property Site Map



State of North Carolina DOT, State of North Carolina DOT, Esri, HERE, Garmin, GeoTechnologies, Inc., USGS, EPA