



Moore County Health Department

Environmental Health Section
PO Box 279, Carthage, NC 28327
Phone: 910-947-6283 Fax: 910-947-5127

Improvement Permit

Owner: George Alfred Webster Sr. Phone # _____
Directions To Property: _____

Design Flow Units: 6 GPD per Unit: 100 Total Daily Design Flow: 600 gpd
Waste Strength: Domestic Number of Occupants: 12 Water Supply: _____
Tri-Party Agreement? Yes: _____ No: X Easements Required: Yes: _____ No: X

Initial System

Septic Tank Size: 1500 gal Pump Tank Size: 1500 gal Max Trench Depth: 20 in
LTAR: 0.4 Total Trench Length: 75 ft Trench Width: 3 ft
Media Depth: 12 in System Type: 25% Reduction Distribution Method: Serial

Repair System

Septic Tank Size: 1500 gal Pump Tank Size: 1500 gal Max Trench Depth: 6 in
LTAR: 0.1 Total Trench Length: 6000 ft Trench Width: 1 ft
Media Depth: 1 in System Type: Drip Distribution Method: Pressure Manifold

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) **An engineered flow reduction needs to be submitted prior to CA release. Total gpm shall not exceed 600gpm.**
- 5) **Pump and crush existing tanks**
- 6) **Check existing lines for damage or blockage.**
- 7) **Do not grade or put driveway/Garage through septic and repair area.**
- 8) **Trees and shrubs will need to be removed.**

Issued By: _____

Date: 2-11-26

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.

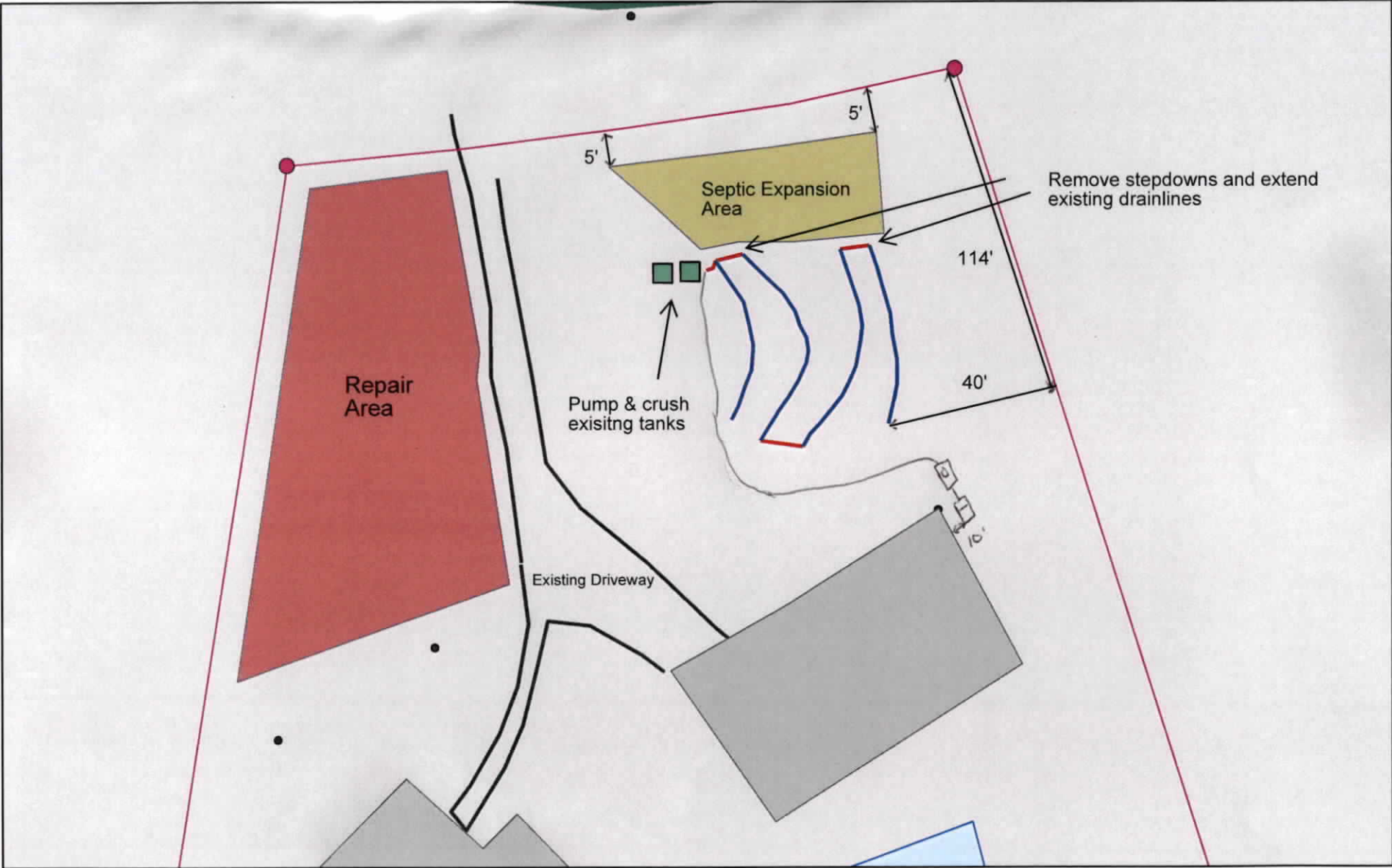
Authorization to Construct Wastewater System

Issued By: _____

Date: _____

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



2/11/2026

