



New Revision Repair

Owner's Name: KEARNS GLENDA J

Property Address: 470 ACRES LN NW 28467

Subdivision: TREE Lot: 12 Block: _____ Section: PH II

Water Supply: Public Water or Private Water Project Type: Residential or Commercial Design Flow (GPD): 360

Improvement Permit

In accordance with the provisions of Article 11 of Chapter 130A, General Statutes of North Carolina, 15A NCAC 18A.1900 et seq., and other applicable Laws and Rules

Site Recorded: Prior to July 1, 1977 Prior to January 1, 1983 Prior to December 31, 1989

The following conditions must be met prior to the issuance of the Authorization to Construct Permit:

- See the Improvement Permit Site Plan for the septic system location and design criteria.
- Maintain 10 feet minimum to any water line.
- Do not drive, park, pave, or build any structure over the initial septic system area or repair septic system area.
- Maintain 5 feet to any structure.
- Maintain gravity flow to the septic system.
- Maintain the following setback to any well: 50 feet or 100 feet
- Type of Repair Wastewater System: Reg with two - 75' trenches on 9' centers and low profile chambers
- Fill shall be installed in accordance with Brunswick County Environmental Health Services (BCHS) Fill Plan.
- 25% reduction taken. Installer shall utilize an approved trench product that allows a 25% reduction in linear feet.
- Each drainline shall be installed on contour due to landscape position.
- Well(s) shall be properly abandoned (Well Abandonment Permit Required).
- This site is required to connect to a public or community sewage system within 90 days after such system is available for connection and after it is determined that 300 feet or less of sewer line is required for connection.
- Plans shall be submitted to BCBS and approved prior to the issuance of the Authorization to Construct Permit.
- Pump Plans shall be designed by a registered Professional Engineer.
- A pre-installation conference is to be held on the site prior to any site modifications to the property. The following representatives shall be present at the pre-construction conference:
 - Wastewater Installer Owner Applicant Engineer Other: _____
- Low flow technology: Neither the State nor local health department shall be liable for any damages caused by an engineered system approved or permitted pursuant to Session Law 2014-120 Section 53.
- Drainage shall be required. Drainage Type: _____
- Other: _____
- Other: _____

- Changes in the location, design flow, or wastewater strength of the wastewater system may result in permit action.
- The issuance of all BCBS permits do not preclude the permittee from complying with any and all statutes, regulations, and ordinances which may be imposed by other government agencies which have jurisdiction, or other permits issued by BCBS.
- BCBS permits may become invalid if the information submitted in the application was falsified, changed, and/or inaccurate.

Improvement Permit Issuance Date: 7 November 2023 Improvement Permit Expiration Date: 7 November 2028

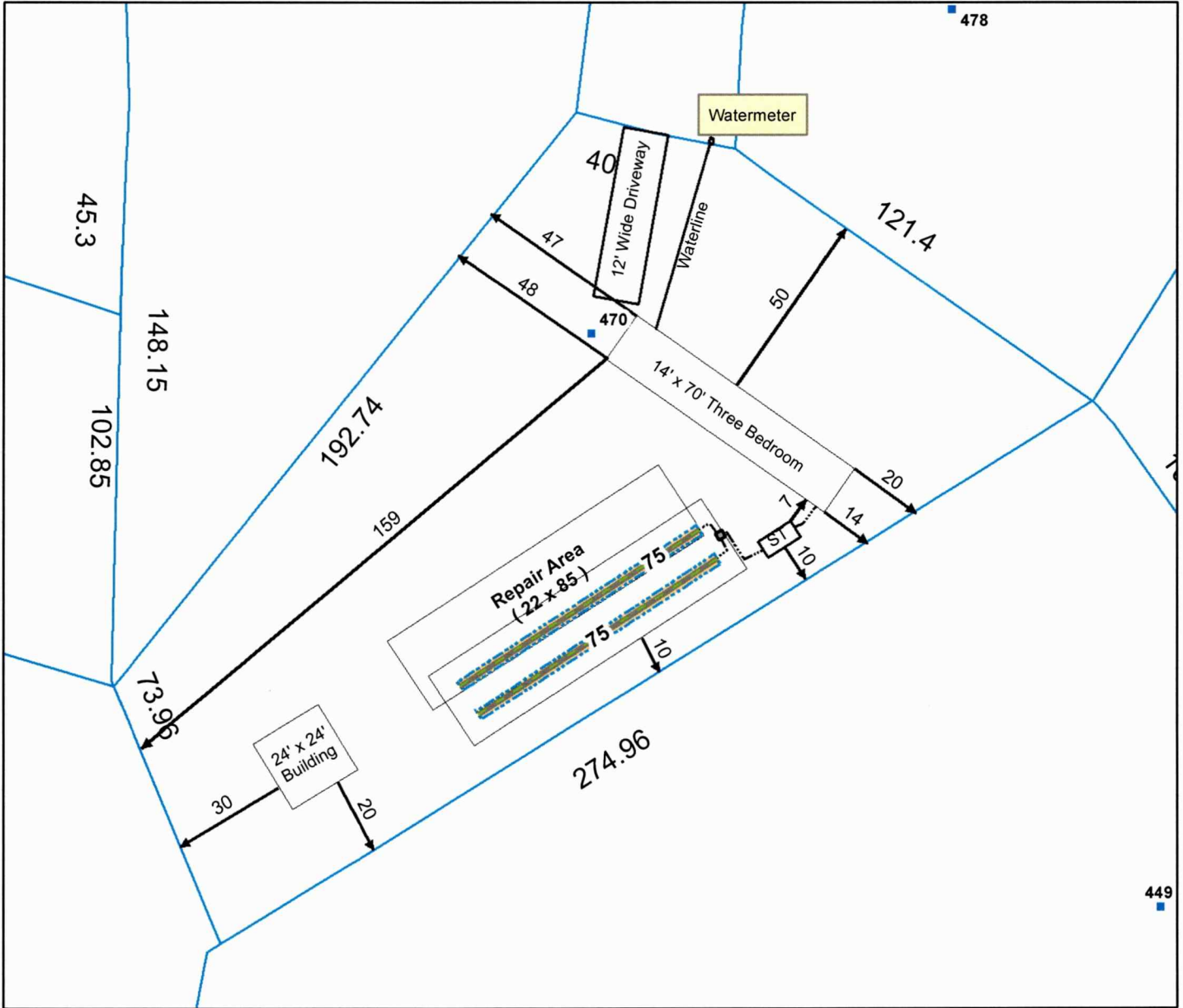
REHS Signature: James Perimeter REHS Registration Number: 2494

See Improvement Permit Site Plan and Conditions for Septic System Location and Further Detail



Site Plan For (Check One): Improvement Permit Fill Plan Authorization to Construct Permit
 Well Permit Proposal Existing System Reuse
 Other:

SITE PLAN ONLY. THIS IS NOT A PERMIT



40 20 0 40 Feet



1 inch = 40 feet

Onsite Wastewater System Design Criteria

Type of Initial Wastewater System:	llc	Number of Occupants/Employees (Max):	6
Number of Bedrooms (Max):	3	LTAR (GPD/FT ²):	0.8
Design Flow (GPD):	360	Length of Lines (Feet):	75
Number of Lines:	2	Width of Lines (Feet):	3
Trench Bottom Depth From Top of Final Cover (Max. Inches):	14	Drainfield Square Feet:	450
Min. Size of Septic Tank (Gal.):	900	Bed Dimensions (Feet x Feet):	
Min. Size of Pump Tank (Gal.):		Other Information:	Low Profile Chambers
Min. Size of Grease Trap (Gal.):		Other Information:	

James Parmer
REHS Signature

7 November 2023
Date

**Shallow Placement Wastewater System
(6" or less of soil cover)**

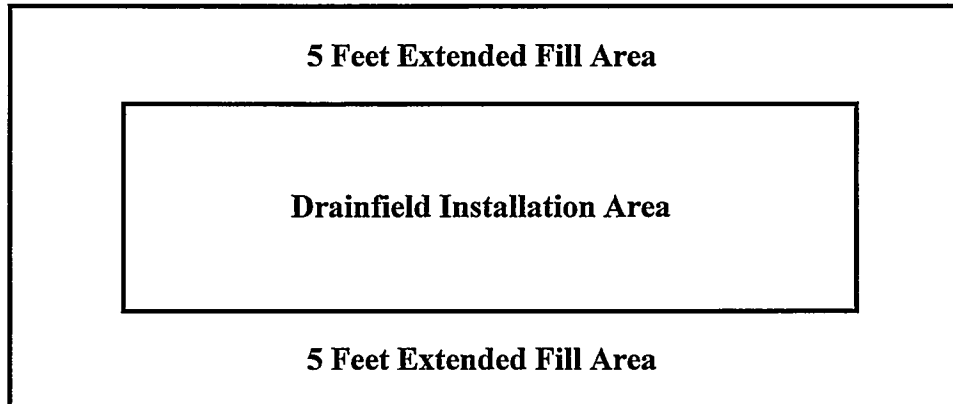
Procedure:

- 1) Soil cover shall be placed in the exact location that is shown on the Site Plan.
- 2) Prior to installation of soil cover, remove vegetation, remove root mat, and disc area.
- 3) Install soil to the correct elevation listed below. Ensure that the soil is placed over the entire nitrification field and extends laterally five feet beyond the nitrification trench.
- 4) Use Group II (Sandy Loam), topsoil, or whatever the native soil is for the first 6 inches of the original site for the soil cover.
- 5) Call for an inspection by Brunswick County Environmental Health Services once soil cover is installed.
- 6) After the installation of the septic system, the soil cover shall be shaped to shed surface water. Additionally, the soil cover shall be covered with seed, hay, or Germination/Erosion Control Netting.

Details:

- 1) Benchmark Location: At top of metal telecom box (see site plan)
- 2) Elevation of soil cover in relation to benchmark: Shall be 3" below benchmark
- 3) Total Depth of soil cover (inches): 6 inches
- 4) Total Area of soil cover (feet x feet): 22' x 85'

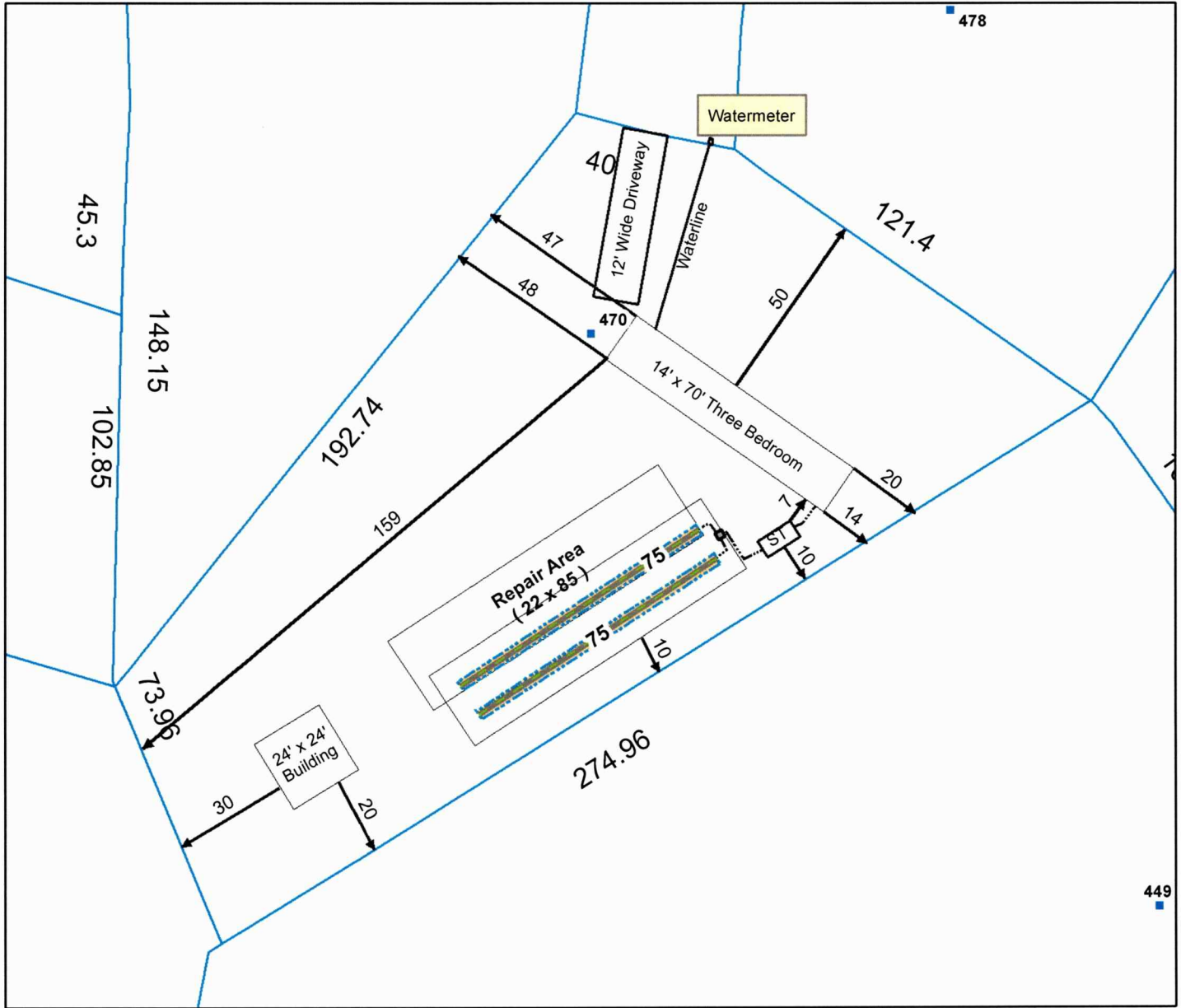
**Diagram Example
Top View (not to scale)**





- Site Plan For (Check One):
- Improvement Permit
 - Fill Plan
 - Authorization to Construct Permit
 - Well Permit
 - Proposal
 - Existing System Reuse
 - Other:

SITE PLAN ONLY. THIS IS NOT A PERMIT



40 20 0 40 Feet



1 inch = 40 feet

Onsite Wastewater System Design Criteria

Type of Inital Wastewater System:	llc	Number of Occupants/Employess (Max):	6
Number of Bedrooms (Max):	3	LTAR (GPD/FT2):	0.8
Design Flow (GPD):	360	Length of Lines (Feet):	75
Number of Lines:	2	Width of Lines (Feet):	3
Trench Bottom Depth From Top of Final Cover (Max. Inches):	14	Drainfield Square Feet:	450
Min. Size of Septic Tank (Gal.):	900	Bed Dimensions (Feet x Feet):	
Min. Size of Pump Tank (Gal.):		Other Information:	Low Profile Chambers
Min. Size of Grease Trap (Gal.):		Other Information:	

J. R. James Parmeter
REHS Signature

7 November 2023
Date