

Wastewater Treatment and Dispersal System
N Boyd Convenience Site
2521 N Boyd Road
Beaufort County
PIN: 6646-73-8238
Beaufort County
Owner: Beaufort County

January 28, 2026

The report is being submitted pursuant to and meets the requirements of G.S. 130A-336.2 for the purpose of the installation of a wastewater system.

Prepared by:

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NC Licensed Soil Scientist #1276
NC Onsite Wastewater Evaluator #10051E

AOWE SITE/SYSTEM SUMMARY SPECIFICATIONS

Owner: Beaufort County
 County: Beaufort
 2521 N Boyd Road
 PIN: 6646-73-8238

Facility Type: Office- domestic strength wastewater
 Design Flow - 14 gal/employee- 100 gpd
 Total number of employees - 7
 Initial and Repair LTAR: 0.1 gpd/ft²

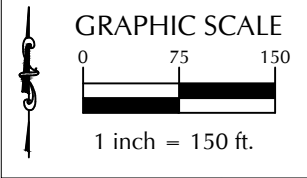
System Notes

Initial T&J Panel Mound System

<u>Number of Trenches</u>	<u>3</u>
<u>Length of Each Trench</u>	<u>56 ft</u>
<u>Number of Panels (per line)</u>	<u>13 Panels-Horizontal</u>
<u>Trench height</u>	<u>6 inches above grade</u>
<u>Height of Fill</u>	<u>18 inches</u>
<u>Total Height of Fill (including cover)</u>	<u>24 inches</u>
<u>Width of Bottom</u>	<u>47 feet</u>
<u>Length of Bottom</u>	<u>82 feet</u>
<u>Total Fill Area</u>	<u>3833 ft²</u>

Septic Tank	Size	1,000 gallons
	Traffic Protection	Traffic Rated tank and Bollards or other means to protect from nearby traffic
Supply Line	Length	150 ft
	Supply Line Diameter	3 inch SCH 40
	Traffic Protection - 70'	buried 30 inches or sleeved in DIP
	Cleanouts	Max 100' or junctions greater than 45 degrees
Distribution		D-Box

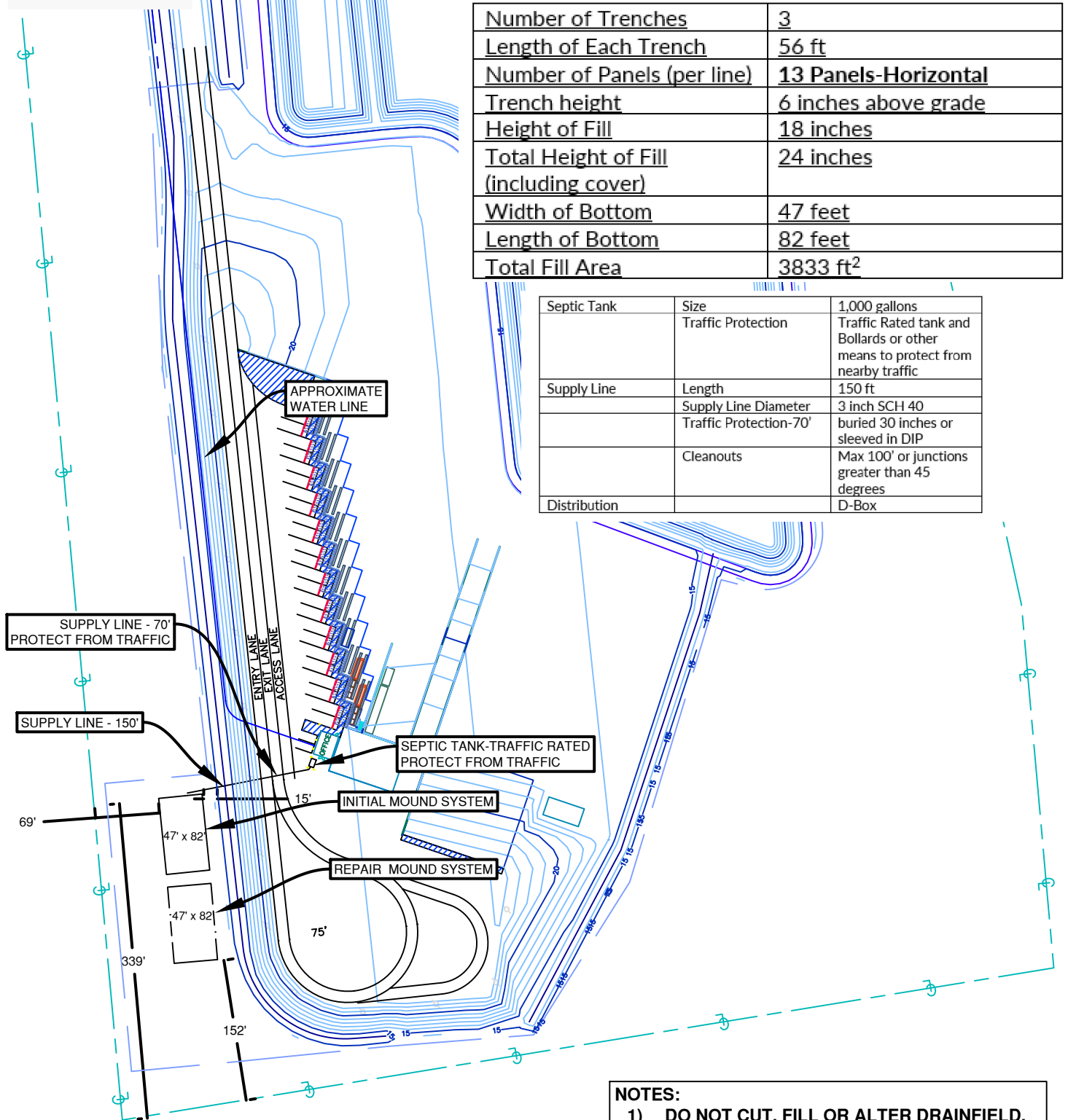
Repair: T&J Panel Mound System Same Design as Initial. Pump may be required for repair



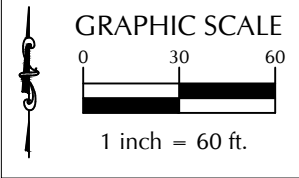
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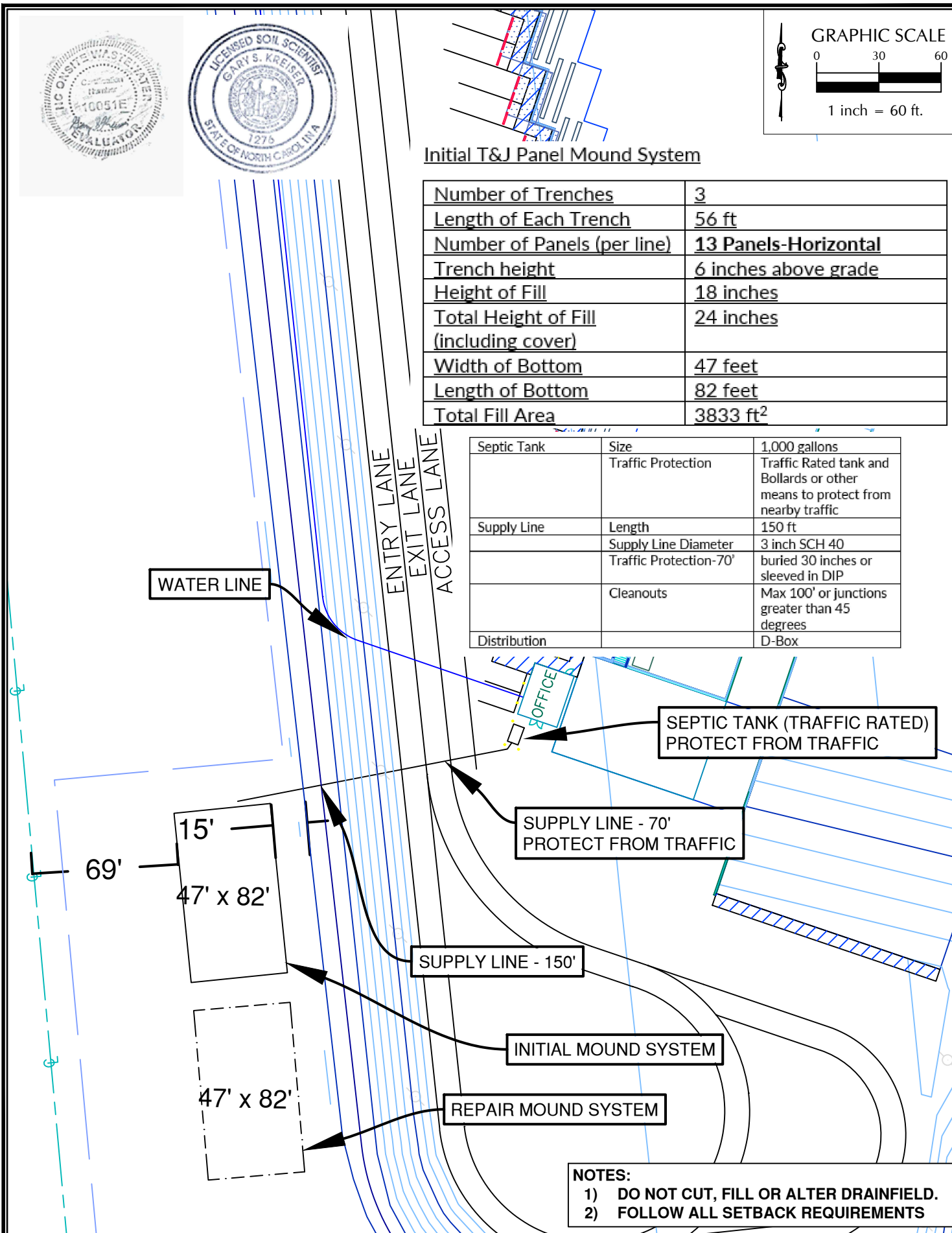
- NOTES:**
- DO NOT CUT, FILL OR ALTER DRAINFIELD.
 - FOLLOW ALL SETBACK REQUIREMENTS



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SEPTIC TANK (TRAFFIC RATED) PROTECT FROM TRAFFIC

SUPPLY LINE - 70' PROTECT FROM TRAFFIC

SUPPLY LINE - 150'

INITIAL MOUND SYSTEM

REPAIR MOUND SYSTEM

- NOTES:**
- 1) DO NOT CUT, FILL OR ALTER DRAINFIELD.
 - 2) FOLLOW ALL SETBACK REQUIREMENTS

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