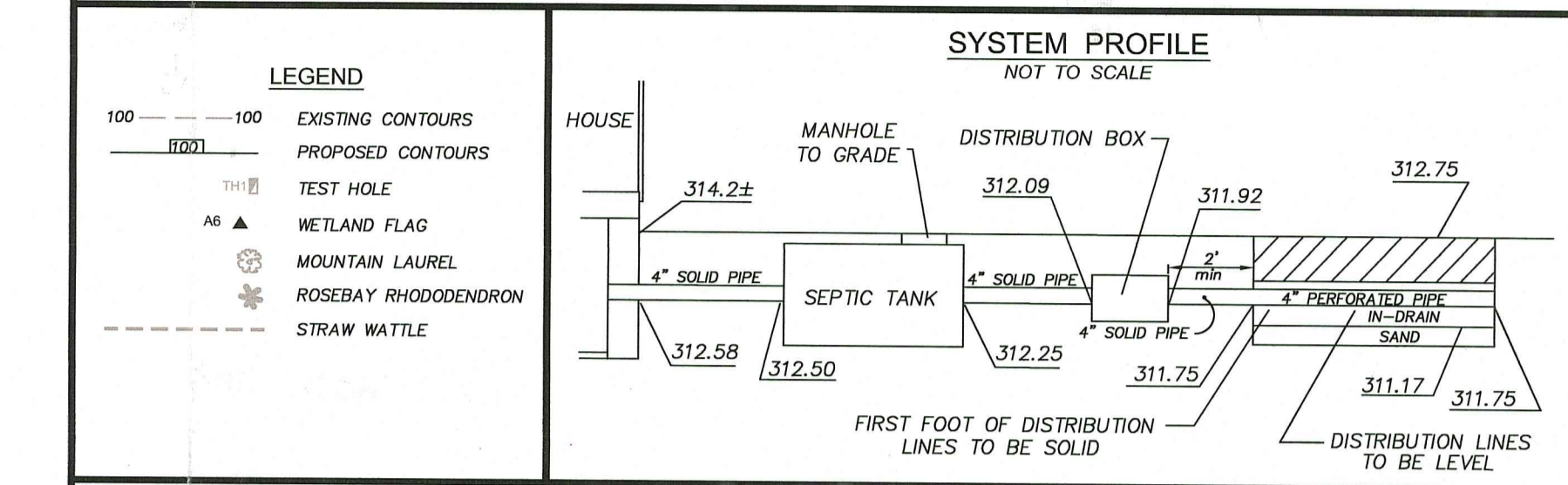
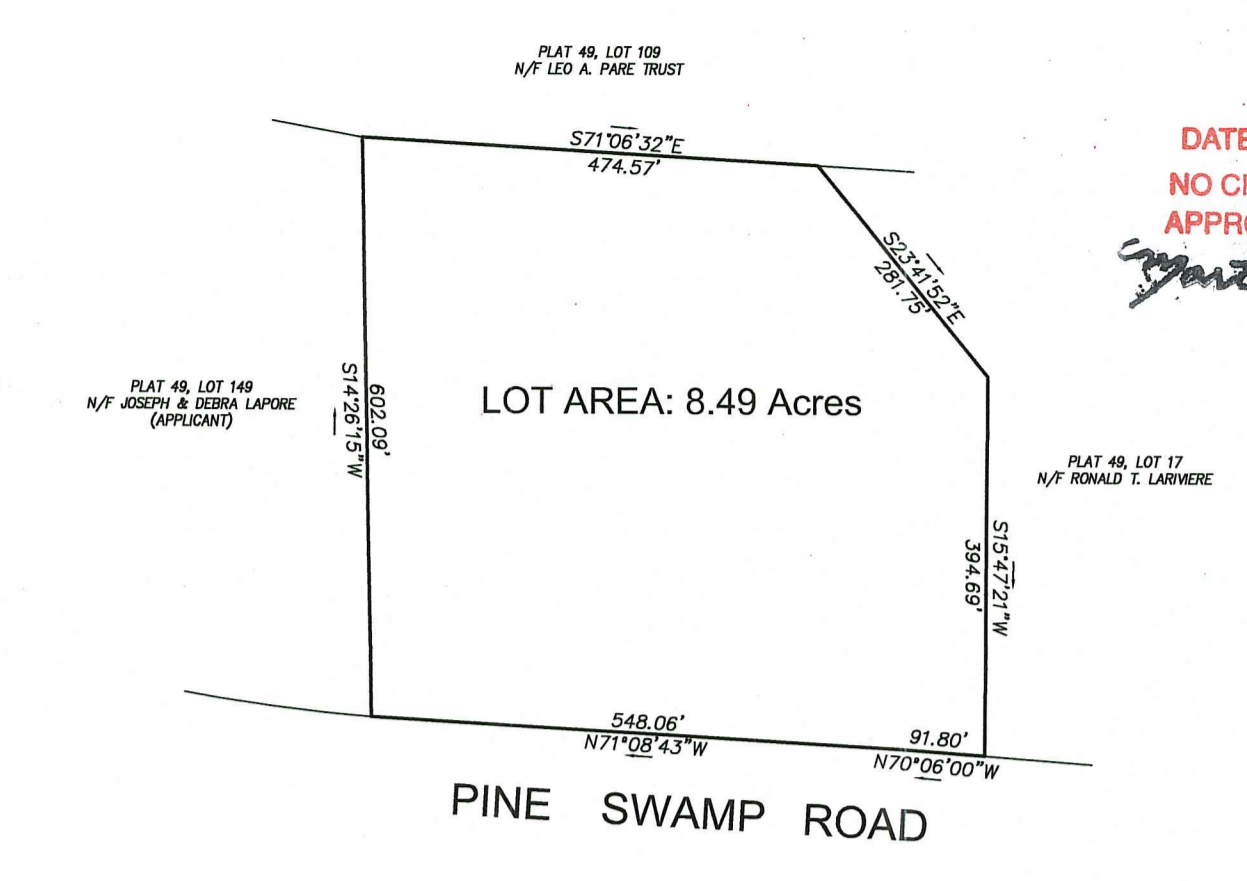
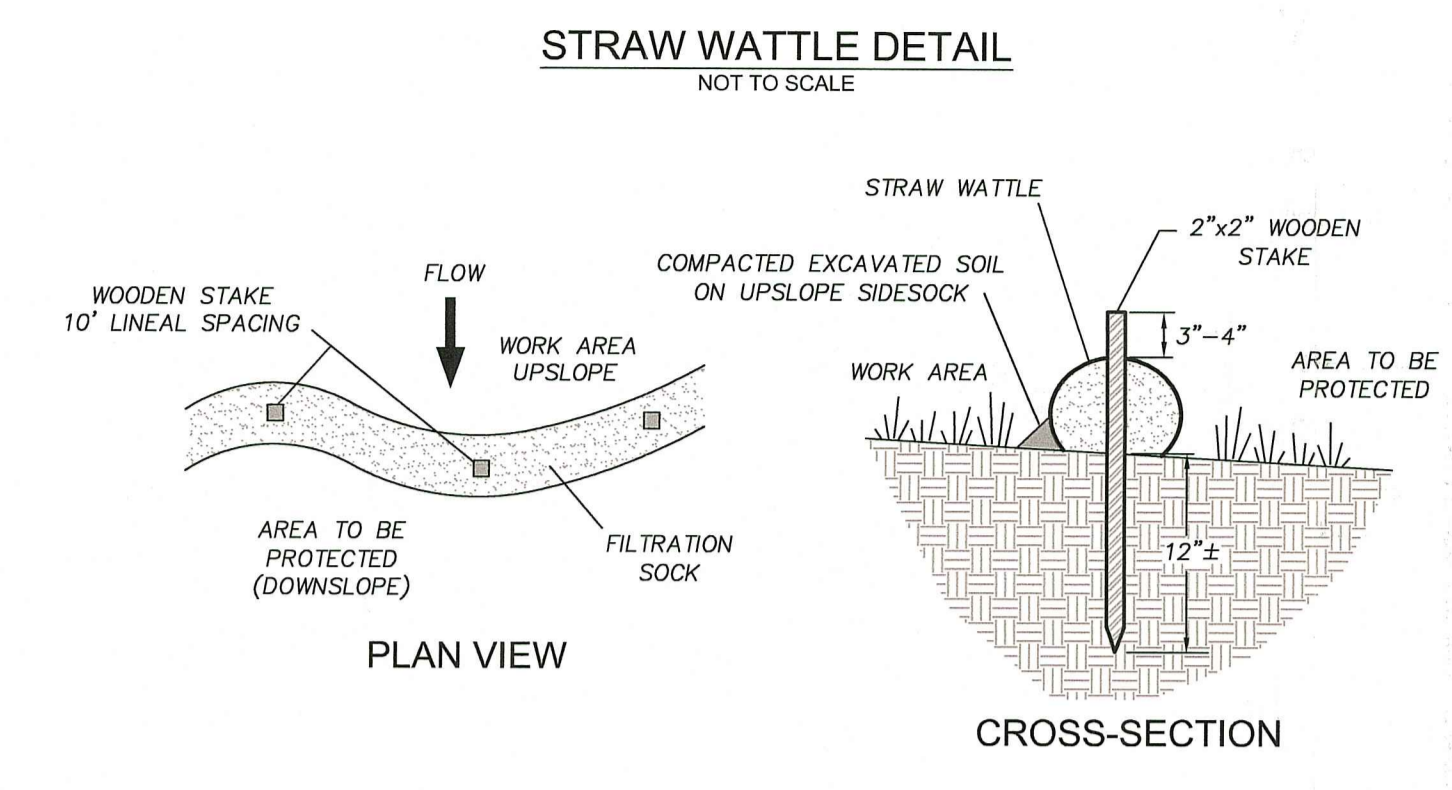
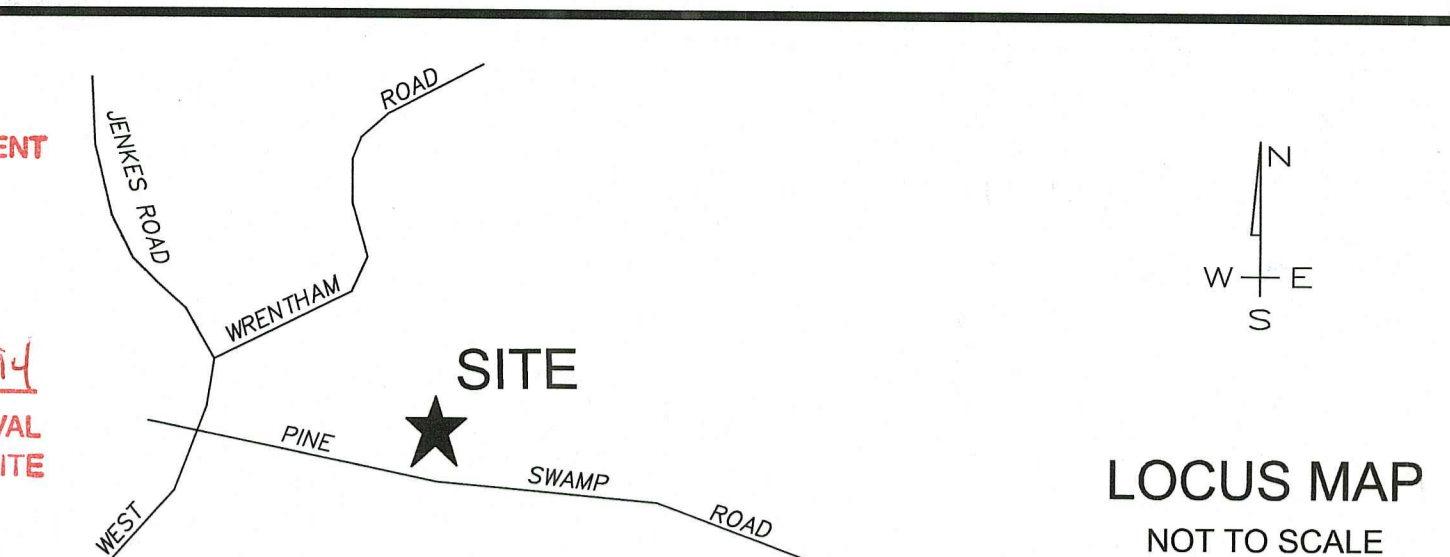
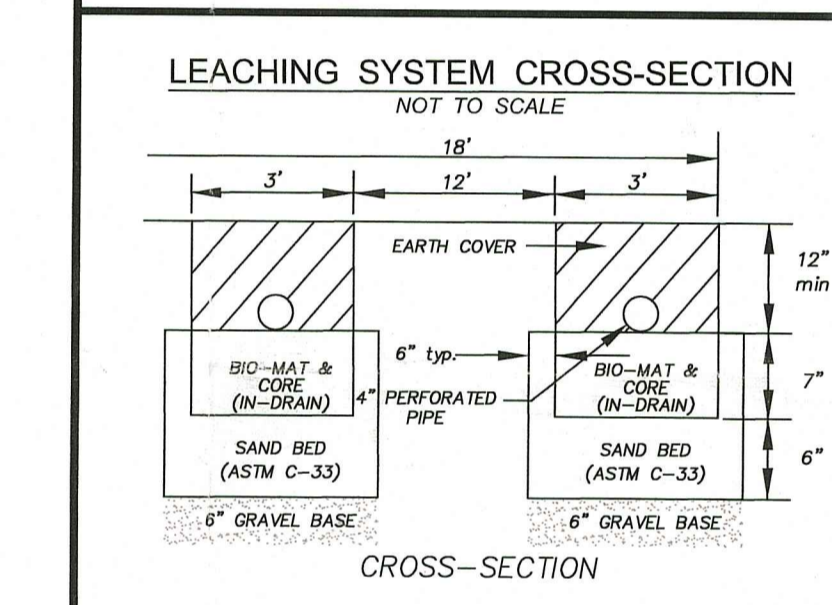
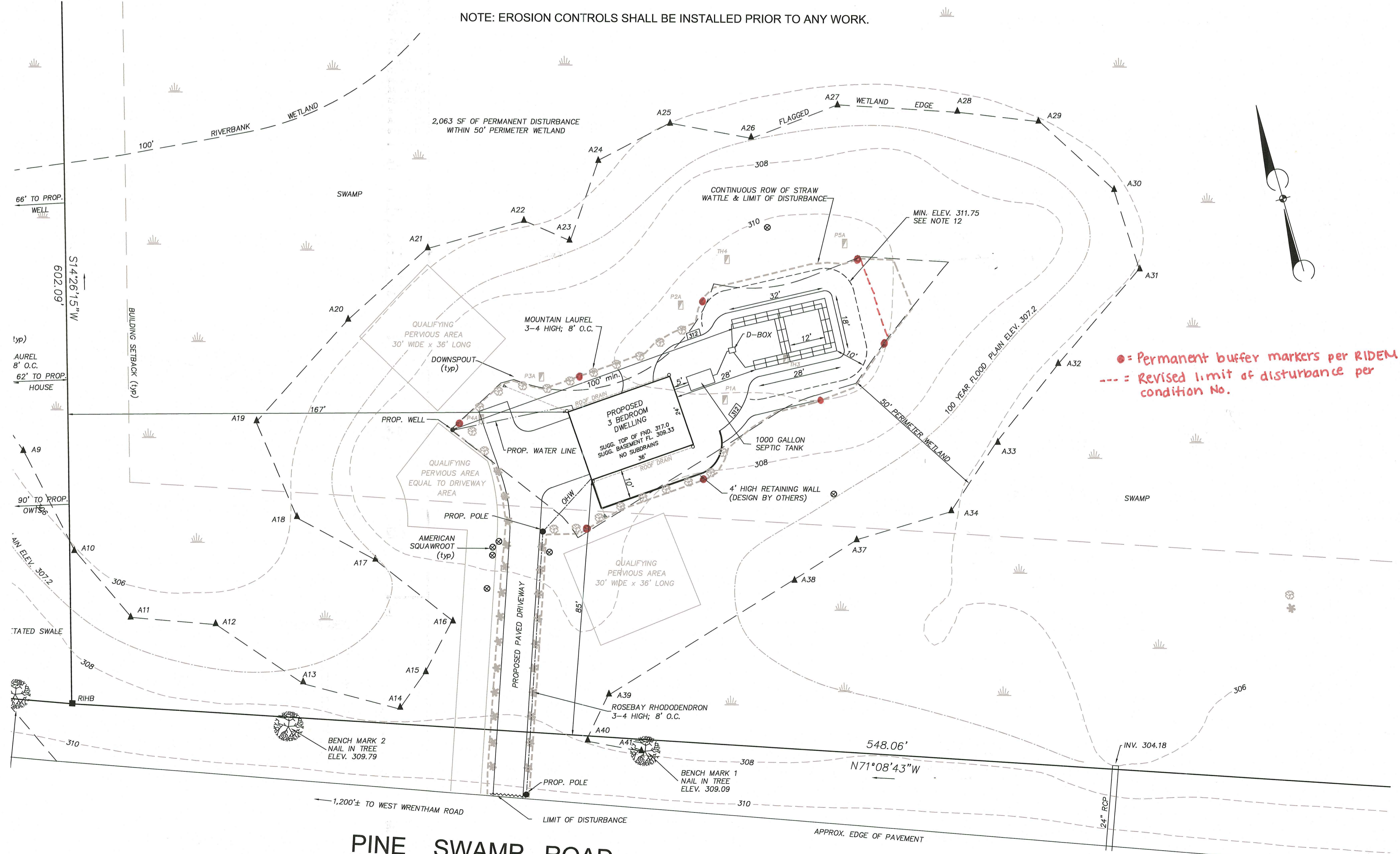


RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 APPROVED WITH CONDITIONS AS  
 SPECIFIED IN THE LETTER OF APPROVAL  
 DATED: SEP 16 2022 FILE # 2-094  
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

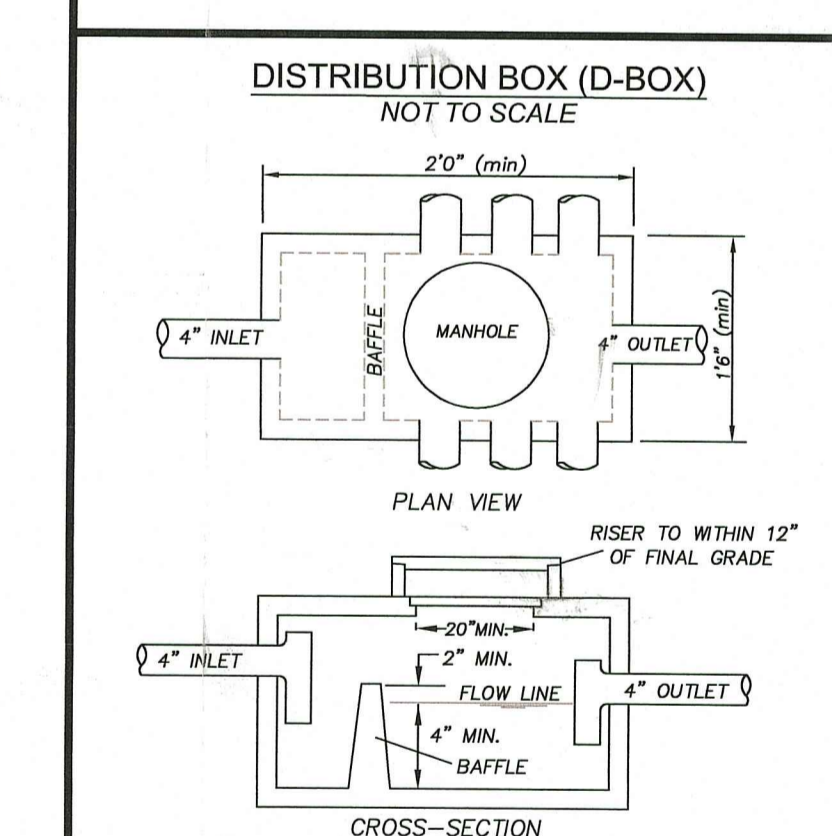
*Signature: D. Wenzel*



- LEACHING SYSTEM NOTES**
- 1) LEACHING TRENCHES TO BE EXCAVATED IN ACCORDANCE WITH RIDEM REGULATION 6.33(j). TREES, BRUSH AND STUMPS WITHIN AND EXTENDING 10 FEET BEYOND LEACHFIELD TO BE REMOVED. 5' STRIP REQUIRED.
  - 2) USE SDR #35 PVC PIPING OR EQUIVALENT THROUGHOUT SYSTEM.
  - 3) NO WELL EXISTS WITHIN 100' OF THE PROPOSED LEACHING SYSTEM.
  - 4) ZABEL EFFLUENT FILTER TO BE INSTALLED AT SEPTIC TANK OUTLET.
  - 5) NO WELLS, EXISTING OR PROPOSED, ARE WITHIN 200' FEET OF OWTS. NO PUBLIC WELLS, EXISTING OR PROPOSED, ARE WITHIN 500' OF THE OWTS UNLESS SHOWN.
  - 6) BRING SEPTIC TANK MANHOLE TO GRADE AND D-BOX MANHOLE TO WITHIN 12" OF GRADE.
  - 7) SEPTIC TANK TO BE A MINIMUM OF 75' FROM ALL WELLS.
  - 8) ENDS OF LINES IN TRENCH TO BE INTERCONNECTED.
  - 9) D-BOX TO HAVE A MINIMUM BOTTOM AREA OF 3 SQUARE FEET AND MEET H-20 WHEEL LOADS WITH MARKER SET TO GRADE.
  - 10) SANITARY TEES TO BE INSTALLED IN SEPTIC TANK.
  - 11) NO DRAINS OF ANY KIND SHALL BE WITHIN 25' UP OR SIDE GRADIENT OR 50' DOWN GRADIENT OF THE LEACHING SYSTEM.
  - 12) 10' FROM LEACHING AREA NOT TO BE LOWER THAN ELEV.: 311.75.
  - 13) COVER OVER SEPTIC TANK TO BE GRADED TO DIVERT SURFACE RUNOFF.
  - 14) SYSTEM INSTALLATION TO BE SUPERVISED BY THE DESIGNER.
  - 15) WASHING MACHINE LINT FILTER IS STRONGLY RECOMMENDED TO PREVENT PREMATURE FAILURE OF ELJEN SYSTEM.
  - 16) D-BOX TO HAVE TEES OR BAFFLE.



TEST HOLE DATA		DESIGN DATA	
DATE: 3/24/06			
TH #3	0"-2" A, SIL, 10YR 3/2	SOIL CATEGORY: 6	
	2"-26" Bw, CB, G, SL, 10YR 4/4	LOADING RATE: 0.61	
	26"-81" C, ST, CB, G, LS, 2.5YR 4/3	FIELD SIZE: ELJENS	
	LEDGE AT 81"	2 LINES	
	ESHW: 28"	21 ELJENS	
TH #4	0"-2" A, SIL, 10YR 3/2	LEGE PROBES	
	2"-28" Bw, CB, G, SL, 10YR 4/4	P1A 78"	
	28"-81" C, BD, ST, CB, G, LS, 2.5YR 4/3	P2A 88"	
	LEDGE AT 81"	P3A 68"	
	ESHW: 28"	P4A 82"	
		P5A 83"	



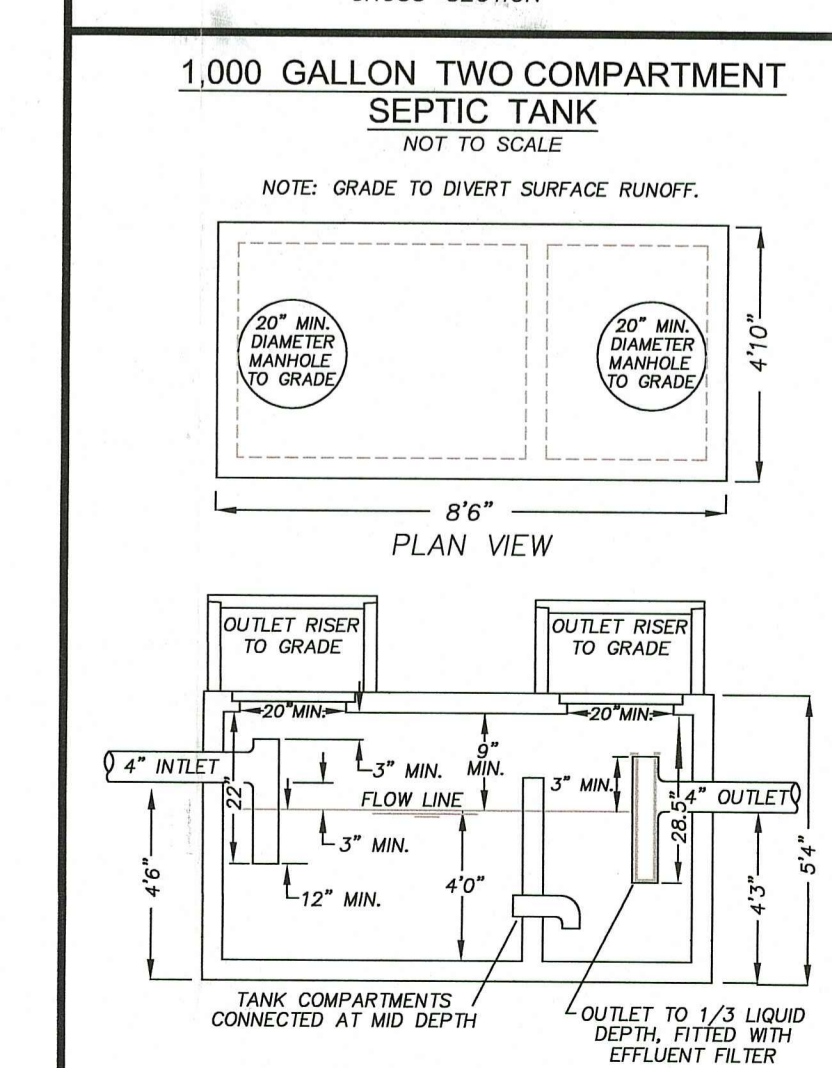
**ONSITE WASTEWATER TREATMENT SYSTEM and WETLANDS PLAN**  
 for  
**JOSEPH LEPORE**  
 PLAT 49, LOT 150  
 PINE SWAMP ROAD, CUMBERLAND, RI  
 DATE: FEBRUARY, 2021  
 SCALE: 1" = 20"  
 REVISED: 12-9-21  
 3-23-22 ADD ONE SQUAWROOT

GRAPHIC SCALE: 0' 20' 40' 60'

**CERTIFICATION**  
 THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO SECTION 9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON NOVEMBER 25, 2015, AS FOLLOWS:  
 LIMITED CONTENT BOUNDARY SURVEY: CLASS IV  
 TOPOGRAPHIC ACCURACY: T4

**STATEMENT OF PURPOSE**  
 THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND THE PREPARATION OF THE PLAN IS, AS FOLLOWS: PROPOSED HOUSE

By: *Marc N. Nyberg*  
 MARC N. NYBERG License No. 1797 COA No.: A52



**PAUL D. CARLSON**  
 No. 7142  
 REGISTERED PROFESSIONAL ENGINEER CIVIL

**MARC N. NYBERG**  
 No. 1797  
 REGISTERED PROFESSIONAL LAND SURVEYOR

**INSITE** Engineering Services, LLC  
 PROFESSIONAL ENGINEERS | LAND SURVEYORS  
 Precision. Clarity. Certainty.

501 Great Road, Unit 104  
 North Smithfield, Rhode Island 02896  
 Phone: (401) 762-2870 Fax: (401) 401-762-2871  
 Web Address: insiteengineers.com

05-225

ZONING DISTRICT: A-2  
 (NO WATER, NO SEWER)  
 FRONT - 75'  
 REAR - 30'  
 SIDE - 20'

PLAN FOR NOTICE