

ADVANCED ENVIRO-SEPTIC PIPE ELEVATIONS

SECTION												
LINE NUMBER	1	2	3	4	5	6	7	8	9	10	11	12
TOP OF LINE	1034.0'	1034.0'	1034.0'	1034.0'	1034.0'							
BOTTOM OF LINE	1033.0'	1033.0'	1033.0'	1033.0'	1033.0'							

LEGEND

Drainage = Contour Interval = 2 Feet
Wetland = Water Shut Off =
Setback Lines = Well = Iron Pipe =
Water Line = Stone Bound =
Driveway = Bench Mark =
Right Of Way = Percolation Test Sites =
Well Radius = Original Test Pit Site =

DESIGN INTENT

BOTTOM OF EFFLUENT DISPOSAL SYSTEM (EDS) SHALL BE CONSTRUCTED AT 1033.0' ELEVATION; THERE ARE APPROX. 1.0' (12") BELOW ORIGINAL GROUND ON THE HIGH CONTOUR OF THE DESIGNED EFFLUENT DISPOSAL SYSTEM (EDS).

SAND TYPE

ASTM STANDARD; C-33 (CONCRETE SAND)

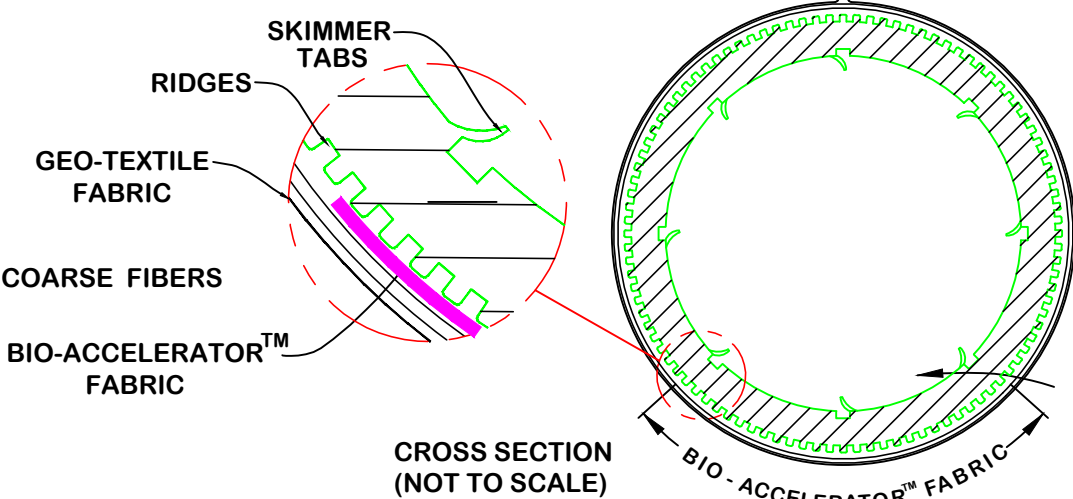
PIPE SPACING

SPACING BETWEEN LINES
CENTER TO CENTER
☒ 1.5' ☐ 2.0'

SPOT ELEVATIONS

- 1) SYSTEM TO BE INSTALLED IN ACCORDANCE WITH PRODUCT DESIGN AND INSTALLATION MANUAL, STATE AND LOCAL REGULATIONS. FOR PRODUCT INFORMATION OR THE NEAREST DEALER CONTACT PRESBY ENVIRONMENTAL, INC. 143 AIRPORT ROAD, WHITEFIELD, NH 03598, PHONE 1-800-473-5298 WWW.PRESBYENVIRONMENTAL.COM
- 2) MINIMUM OF 6" OF MEDIUM TO COARSE SAND, WITH LESS THAN 2% PASSING A # 200 SIEVE, REQUIRED AROUND CIRCUMFERENCE OF ADVANCED ENVIRO-SEPTIC PIPES. (SEE DESIGN AND INSTALLATION MANUAL FOR COMPLETE SAND AND FILL SPECIFICATIONS.)
- 3) DO NOT INSTALL SYSTEM ON FROZEN GROUND OR LEAVE SYSTEM UNCOVERED FOR EXTENDED PERIODS OF TIME.
- 4) NO DRAINS, HOT TUBS, SAUNAS, GARBAGE DISPOSALS ETC.. SHALL BE INCORPORATED INTO THIS SYSTEM UNLESS OTHERWISE SPECIFIED.
- 5) MAINTENANCE: RECOMMEND INSPECTION OF SEPTIC TANKS AT LEAST ONCE EVERY TWO YEARS AND CLEAN IF COMBINED THICKNESS OF SLUDGE AND SCUM EQUALS MORE THAN 1/4 OF THE LIQUID DEPTH INSIDE THE TANK.
- 6) ADVANCED ENVIRO-SEPTIC WASTEWATER TREATMENT SYSTEMS ARE APPROVED BY NHDES AS ITA IN ACCORDANCE WITH PART ENV-WS 1024. THE SYSTEM IS DESIGNED IN ACCORDANCE WITH THE ADVANCED ENVIRO-SEPTIC WASTEWATER TREATMENT SYSTEMS DESIGN AND INSTALLATION MANUAL NEW HAMPSHIRE ATTACHMENT.

ADVANCED ENVIRO-SEPTIC®
LEACHING SYSTEM



SOIL DATA
Peru - D Slope
Group 3

PIPE INDEX
A 4" PVC Sch. 40 PLASTIC PIPE THROUGH FOUNDATION
B 4" PVC Sch. 40 PLASTIC PIPE W/ GLUE JOINTS
C 4" S&D SOLID PLASTIC PIPE
D 4" S&D PERFORATED PLASTIC PIPE

HEAD CALCULATIONS

Dead Head=48.0'
Friction Loss=2.1'
Total Head=50.1'

DOSING CALCULATIONS

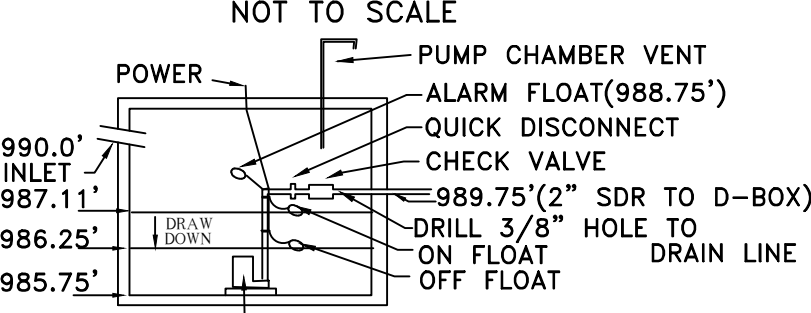
Dose field 8 times per day at 37.5 gallons per dose + 35 gal in line:
Pump run time = 2 min 54 sec.

PUMP SPECIFICATIONS

Pump to be Myers ME50 or approved equal capable of pumping 25 gallons per minute at 50 feet of head.

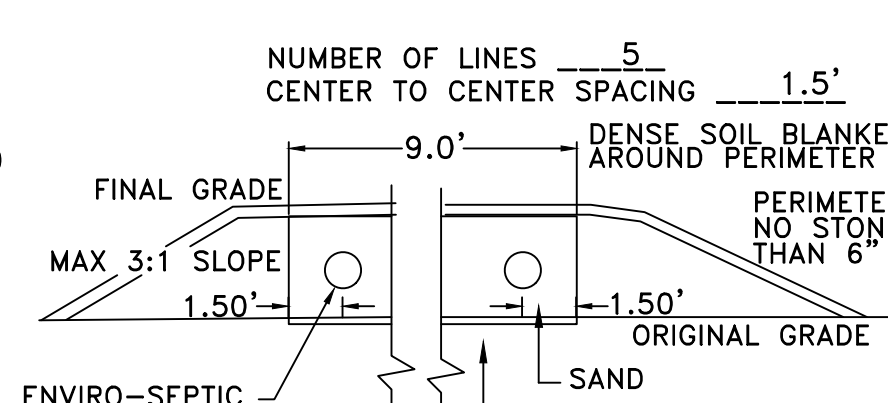
NOTE : Per ENV. 1014.03 (a)
Wetlands have been delineated in accordance with the techniques outlined in the "Corps of Engineers Wetlands Delineation Manual, Technical Report Y-87-1," January 1987. Additionally Hydric soils have been determined by using the "Field Indicators for Identifying Hydric Soils in New England, Version 2", July 1998, Delineation of Wetlands and Hydric Soils performed by Adam Dorion of Dorion Environmental LLC.

PUMP CHAMBER DIAGRAM



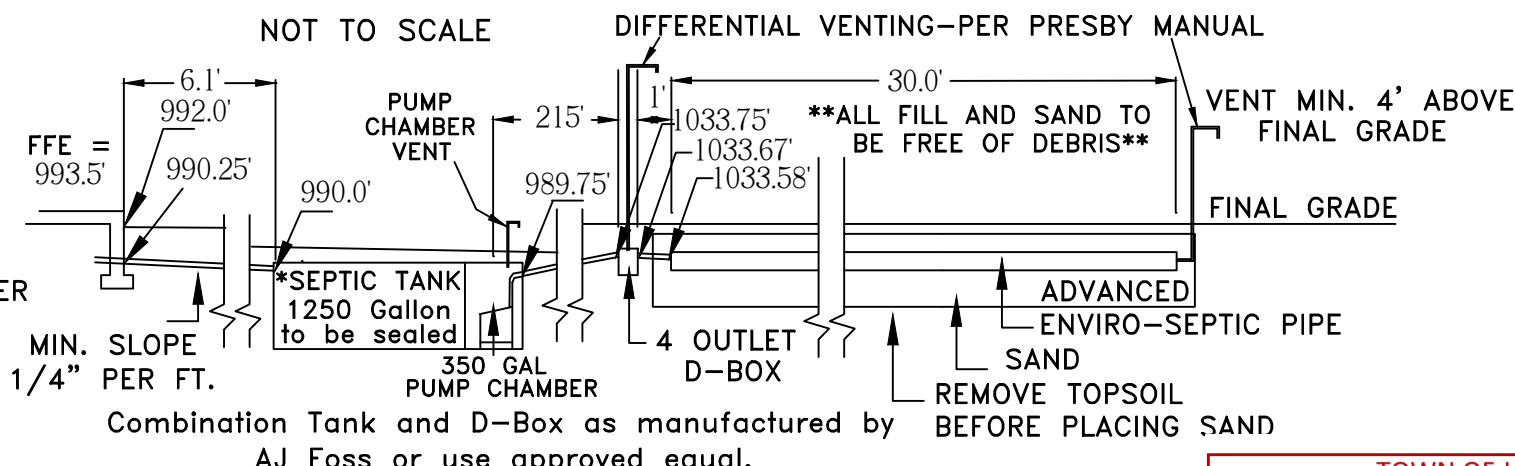
ALARM WILL BE LOCATED OUTSIDE HOUSE-IN SIGHT OF JUNCTION BOX

SECTIONAL ELEVATION B



** ALL FILL AND SAND TO BE FREE OF DEBRIS **
NOT TO SCALE

SECTIONAL ELEVATION A



*Septic Tank:
Shall be reinforced concrete unless otherwise specified. Baffles shall be placed to allow for only liquid to exit tank. Access to tank & interior shall conform to Env-Wq 1010.05

TOWN OF JACKSON
ZONING ORDINANCE
APPROVED
X APPROVED AS NOTED
NOT APPROVED, RESUBMIT
Approval is for compliance with the Town of Jackson Zoning Ordinance and does not imply or guarantee approval by the New Hampshire Department of Environmental Services.
REC'D 1/17/25 CKD BHPD CS RETURN 1/14/25
Notes: See new or pending Site Disturbance requirements.

SYSTEM REQUIREMENTS

PERC. RATE 1"=6" MINS.
NUMBER OF BEDROOMS: 2
DAILY FLOW VOLUME: 300 GPD
TANK VOLUME PROVIDED: 1250/350 GAL-SEALED
ADVANCED ENVIRO-SEPTIC REQUIRED 140 FT.
USE: 150 FEET OF ADVANCED ENVIRO-SEPTIC

PERCOLATION TEST DATA

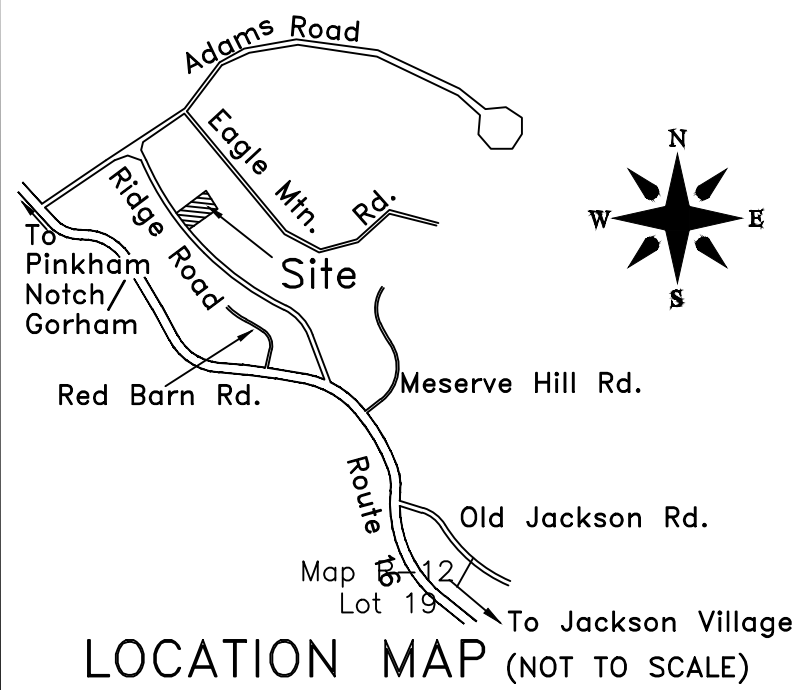
DATE: 10/30/24 RATE: 1"=6" MINS. @ 16"

TEST PIT DATA

0-7"	Dk brown, organic fine sandy loam friable	10YR 3/3
7-18"	Dk yel brown, fine sandy loam friable	10YR 4/4
18-27"	Yellowish brown, fine sandy loam friable	10YR 5/4
27-36"	Lt yellowish brown, loamy fine sand slightly compact	10YR 6/4
36-56"	Lt olive brown, vf to fine sand compacted	2.5Y 6/4

Probed to 73" - No Ledge

DATE: 10/30/24 WATER @: None Observed
DEPTH OF ROOTS: 48"
ESTIMATED SEASONAL HIGH WATER TABLE@: 36"
SURFACE VEGETATION: Wooded



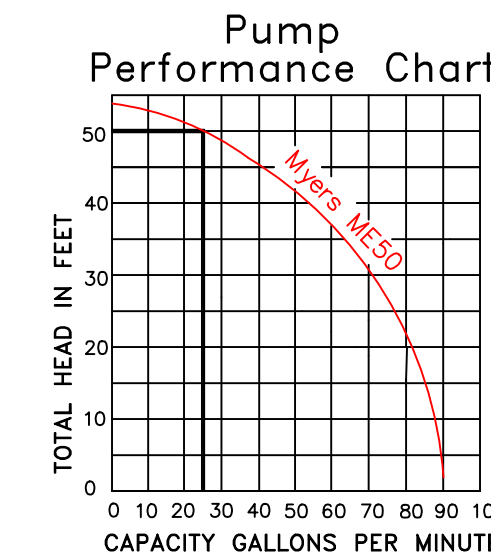
SUBMITTED BY:
Ammonoosuc Survey Co., Inc.
PO BOX 290
Conway, NH 03818
PHONE #: (603) 356-5955

PROPOSED SEPTIC DISPOSAL FACILITIES FOR PROPERTY OF:

Jeffrey & Cheryl Jost
18 Woodfield Street
Boston, MA 02122

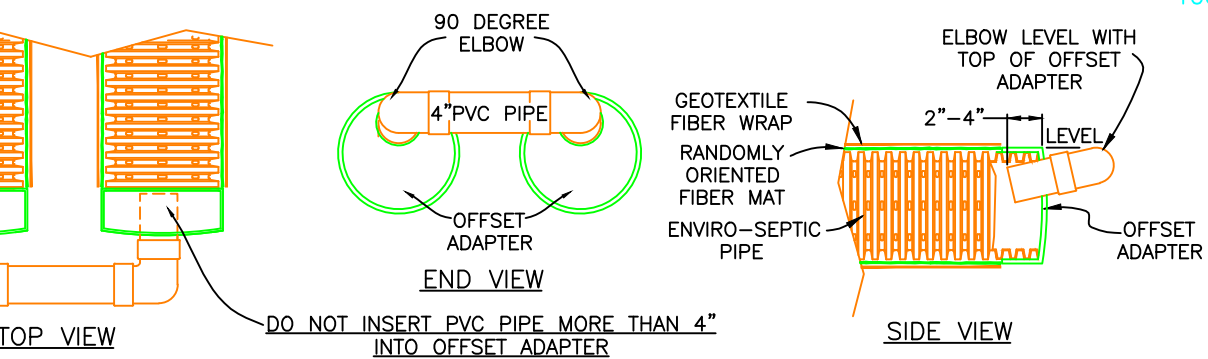
DATE: 12/02/2024	REVISED:
DRN. BY: CHKD BY: RJT	TOWN OF JACKSON
APF	MAP R-12 / LOT 39
SCALE: 1"=20'	VOL 2796 / PAGE 1
	DRAWING #: 24-57s

NOTE: THIS PLAN IS FOR SEPTIC DESIGN PURPOSES ONLY AND IS NOT TO BE USED AS A BOUNDARY SURVEY OR FOR ANY OTHER PURPOSES BEYOND THE INSTALLATION OF THE SPECIFICALLY DESIGNED SYSTEM. AMMONOOSUC SURVEY CO. ASSUMES NO RESPONSIBILITY FOR ANY USE OF THIS PLAN BEYOND ITS INTENT.



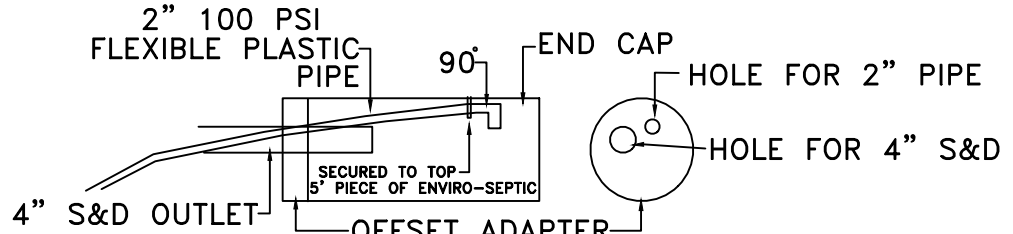
** NOTE : Per Town of Jackson **
Contractor/owner shall implement erosion control measures in accordance with Site Disturbance Ordinance (Z.O. 4.1.6) and the associated design guidelines.

** NOTE : Per ENV. 1008.04(i) **
There are no known cemeteries, burial grounds or burial sites on subject property. Or if shown comply with RSA 289:3, III setbacks as set forth.



RAISED CONNECTION DETAIL (NOT TO SCALE)

VELOCITY-REDUCING CHAMBER DIAGRAM



Previous Approvals
Subdivision N/A Pre 1967
Wetland Crossing PBN # 2024-01425
Septic - Expired #eCA2018052410

REVIEWED AND APPROVED
IN ACCORDANCE WITH THE
REQUIREMENTS OF THE
NH DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION

Date: 1/15/2025

#eCA2025011514