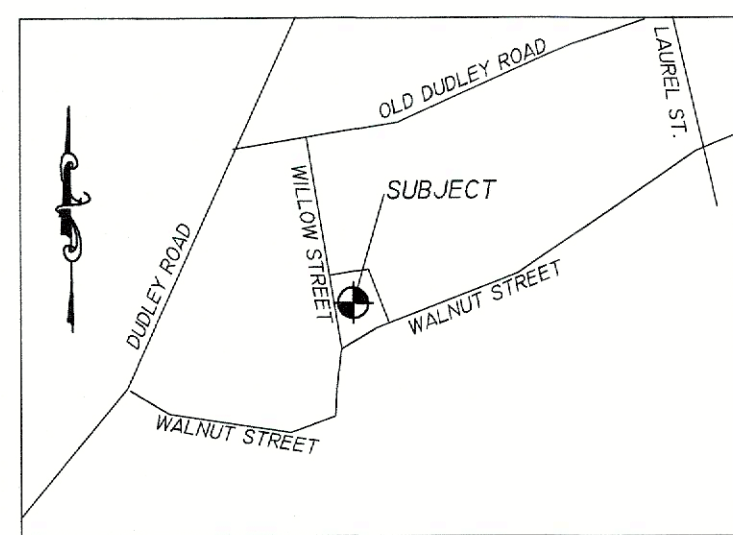
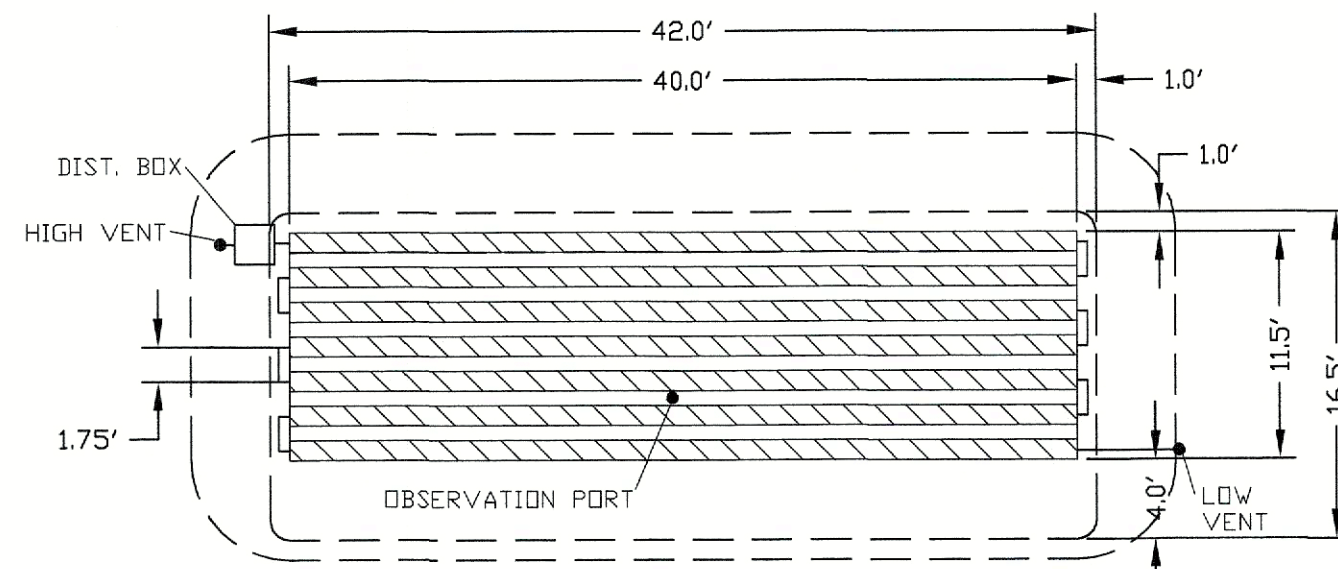


PRESBY ENVIRONMENTAL NOTES

- 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. ROUTE 117 - PO BOX 617 SUGAR HILL, NH 03585 - PHONE 1-800-473-5298 - WWW.PRESBYENVIRONMENTAL.COM
- 2) MINIMUM OF 6" OF MEDIUM TO COARSE SAND WITH LESS THAN 2% PASSING A # 20 SIEVE REQUIRED AROUND CIRCUMFERENCE OF ENVIRO-SEPTIC PIPES. (SEE DESIGN AND INSTALLATION MANUAL FOR COMPLETE SAND AND FILL SPECIFICATIONS)
- 3) INSTALLER ADVISED TO CONTACT DIG SAFE PRIOR TO CONSTRUCTION.
- 4) DO NOT INSTALL SYSTEM ON FROZEN GROUND OR LEAVE SYSTEM UNCOVERED FOR EXTENDED PERIODS OF TIME.
- 5) NO DRAINS, HOT TUBS, SAUNAS, GARBAGE DISPOSALS ETC. SHALL BE INCORPORATED INTO THIS SYSTEM UNLESS OTHERWISE SPECIFIED.
- 6) MAINTENANCE: OWNER TO HAVE SYSTEM INSPECTED ANNUALLY BY TRAINED OPERATOR, AND SUBMIT RESULTS TO LOCAL APPROVING AUTHORITY ON "TECHNOLOGY CHECKLIST"
- 7) THIS DOCUMENT IS FOR THE CONSTRUCTION OF THE EFFLUENT DISPOSAL SYSTEM SHOWN. ANYONE USING INFORMATION FROM THIS DOCUMENT FOR ANY OTHER PURPOSE DOES SO AT THEIR OWN RISK.
- 8) SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH ENV-W5 1000. "APPROVAL FOR CONSTRUCTION" IS VALID FOR 4 YEARS FROM DATE OF ISSUE.



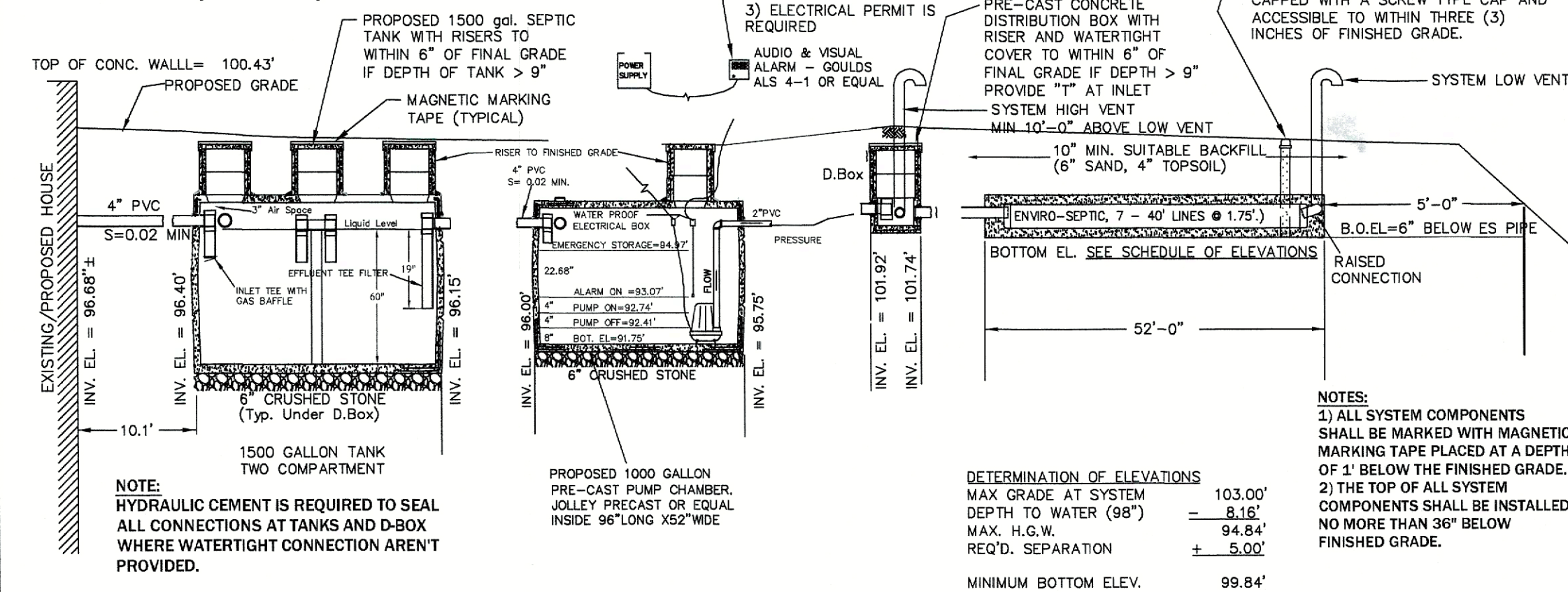
LOT LOCUS
SCALE: NONE



SCALE:NONE

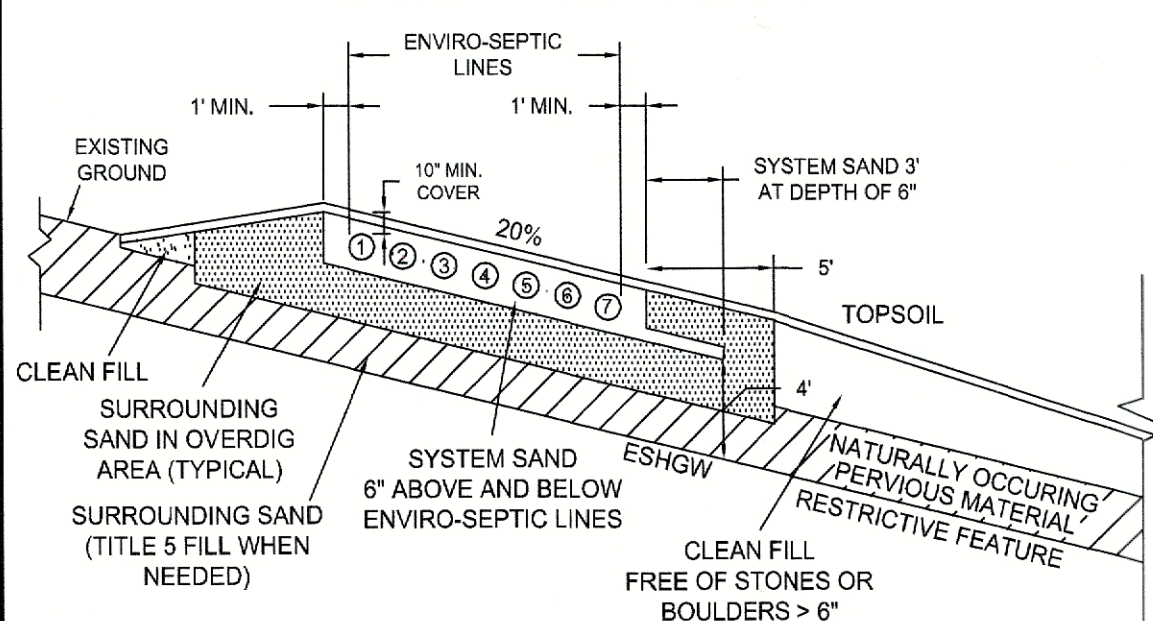
NO SCALE

DOSING INFORMATION:
DOSE 6 TIMES DAILY
REQUIRED DOSING VOLUME = $440/6 = 73.33$ GALS (9.80 CU.FT.)
EMERGENCY STORAGE=440 GALS (58.82 CU.FT.)
SUMP= 154.84 GALS (20.70 CU. FT.)



NO SCALE

NO SCALE	NUMBER OF ENVIRO-SEPTIC LINES: 7 CENTER TO CENTER SPACING: 1.75'
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DESIGN FLOW FOR 4 BEDROOMS

DESIGN FLOW FOR 4 BEDROOMS
 $4 \text{ Bedrooms} \times 110 \text{ gal./bedroom/day} = 440 \text{ gallons/day}$
 THIS SYSTEM IS NOT DESIGNED TO ACCOMMODATE A GARBAGE DISPOSAL.
 THE USE OF GARBAGE DISPOSALS IS NOT RECOMMENDED WITH SUBSURFACE
 DISPOSAL FACILITIES.
 WATER SOFTENERS ARE NOT TO BE CONNECTED TO THE SYSTEM.
 SEPTIC TANK CAPACITY: 1500 GALLON

PRESBY ENVIRONMENTAL SYSTEM CALCULATIONS

1. FROM TABLE A
4 BR @ 1-9 MIN/INCH = 280 LF OF PIPE
2. PROVIDE 280 LF OF PIPE:
7 lines @ 40'/line = 280 LF
3. FROM TABLE B
MIN SPACING = 1.75' FOR 16-20% SLOPE
4. FROM TABLE D
CALCULATE MIN. SAND BED = 400 S.F. MIN.
5. PROVIDED AREA:
BED 16.5'x42' = 693 S.F.

1. ALL WORK TO BE CONCEALED MUST BE INSPECTED BY THE BOARD OF HEALTH OR ITS AGENT PRIOR TO BEING BACKFILLED.
2. THE BUILDING SEWER (THE PIPE FROM 10' OUTSIDE THE BUILDING TO THE SEPTIC TANK) MUST BE CONSTRUCTED OF SCHEDULE 40 PVC PIPE AND MUST BE WATER-TIGHT.
3. SEPTIC TANK AND DISTRIBUTION BOX TO BE PRE-CAST CONCRETE AS PER TITLE 5.
4. SEPTIC TANK AND D.BOX MUST BE SET ON A LEVEL STABLE BASE AND MUST BE WATER TIGHT.
5. THE FINISH GRADE ABOVE AND ADJACENT TO THE FIELD SHALL SLOPE AT LEAST 2% TO PREVENT THE ACCUMULATION OF SURFACE WATER.
6. FILL MATERIAL REQUIRED SHALL CONSIST OF CLEAN GRANULAR SAND FREE FROM ORGANIC MATTER AND DELETERIOUS SUBSTANCES. MIXTURES AND LAYERS OF DIFFERENT CLASSES OF MATERIALS SHALL NOT BE USED. A SEIVE ANALYSIS SHALL BE PERFORMED IN ACCORDANCE WITH 310 CWR 15.255 (3).
7. STONE SHALL CONSIST OF DOUBLE-WASHED STONE AND SHALL BE FREE OF IRON, FINES AND DUST IN PLACE.
8. ALL DISTURBED AREAS TO BE LOAMED (3" MIN.), FINE RAKED AND SEEDED.
9. ALL WELLS WITHIN 200' OF THE PROPOSED SYSTEM ARE SHOWN OR REFERRED TO BY NOTATION.
10. ALL WETLANDS WITHIN 100' OF THE CONSTRUCTION ARE SHOWN, IF ANY.
11. OFFSETS ARE NOT TO BE USED FOR THE REPRODUCTION OF PROPERTY LINES.
12. THE PROPOSED WELL IS NOT WITHIN 100' OF ANY KNOWN LEACHING FACILITIES.
13. REMOVE TOPSOIL, PEAT AND OTHER IMPERVIOUS MATERIALS FROM ALL AREAS BENEATH THE LEACH FIELD AND FOR A DISTANCE OF 5' THEREFROM (AS SHOWN) AND REPLACE WITH FILL MATERIAL AS SPECIFIC NOTE 6 COMPACTED IN 6" LIFTS TO AN ELEVATION EQUAL TO THE TOP OF PEA STONE WITHIN THE SYSTEM.
14. THE PROPERTY IS LOCATED IN A ZONE II OF A WPA.

TEST PERFORMED AS PER TITLE 5.

TEST PERFORMED AS PER TITLE 5.
DATE OF TEST: 11/07/23
TEST TAKEN 48" BELOW EXISTING GRADE.
RESULT: >2 MINUTES PER INCH
DESIGNED AT 1-9 MINUTES PER INCH.
PERFORMED BY: LEONARD S. JALBERT, P.E.
WITNESSED BY: RIKE STERRETT

OBSERVATION PITS

PIT #1							PIT #2						
Depth	Horizon	Soil	Texture	Color	Mottles	Remarks	Depth	Horizon	Soil	Texture	Color	Mottles	Remarks
0-34"	A	B	SL	10YR 3/2			0-23"	A	B	SL	10YR 3/2		
				FILL									
34-40"	A/B			10YR 4/6			23-31"	A/B	SL	10YR 4/6			
40-54"	Bw	SL		10YR 4/6			3-45"	Bw	SL		10YR 4/6		
54-88"	C	SAND		2.5Y 7/4	NONE	FINE SANDY NO STONES	45-90"	C	SAND		2.5Y 7/4	NONE	FINE SANDY NO STONES

PIT #3							PIT #4						
Depth	Horizon	Soil	Texture	Color	Mottles	Remarks	Depth	Horizon	Soil	Texture	Color	Mottles	Remarks
0-23"	A			FILL			0-34"	A	B		FILL		
23-31"	A/B	SL		10YR 3/6			34-42"	Bw	SL		10YR 3/6		
31-45"	Bw	SL		10YR 4/6			42-54"	Bw	SL		10YR 4/6		
45-90"	C	SAND		2.5Y 7/4	NONE	FINE SANDY NO STONES	54-88"	C	SAND		2.5Y 7/4	NONE	FINE SANDY NO STONES

----- 100 ----- DENOTES EXISTING CONTOUR
 ———— 100 ———— DENOTES PROPOSED CONTOUR



Leonard Albert

ZONING: RESIDENTIAL R-3

	REQ'D.	PLAN
LOT SIZE		
AREA:	20,000	12,719
FRONTAGE:	125'	245'
SETBACKS		
STREET:	25'	44.2'
SIDE LINE:	15'	9.1'
REAR:	20'	37.2'

F.I.R.M. REFERENCE

COMMUNITY NO: 25027C
PANEL NO.: 0957F
DATE: 6/21/2023

THE DESIGN SHOWN HEREON DOES NOT
LIE WITHIN A SPECIAL FLOOD HAZARD
ZONE.

SCOPE OF WORK

THE CONTRACTORS SCOPE OF WORK INCLUDES BUT IS NOT LIMITED TO:

1. ALL LABORS AND MATERIALS TO INSTALL THE SEWAGE DISPOSAL SHOWN, COMPLETE AND PLACED IN SERVICE
2. INSURING ALL PERMITS HAVE BEEN OBTAINED.
3. PERFORMING ALL WORK IN ACCORDANCE WITH TITLE 5
4. ANY MEASURES TO PROTECT THE WETLAND, IF ANY.
5. TIMELY EXECUTION OF THE WORK.

PERMIT NUMBER PT-23-39

ORIGINAL		REVISIONS					
12/5/23		Rev	Date	Description	Made	Check	App.
Designed	AMT	1	1/25/24	B.O.H. COMMENTS	AMT	LSJ	LSJ
Checked	LSJ	2	9/17/24	CHANGE ADD. FOOTPRINT	AMT	LSJ	LSJ
Drawn							
Reviewed							
Reviewed							
Approved							

MAINTENANCE NOTE

THE STATE ENVIRONMENTAL CODE, STATES: "SEPTIC TANKS SHOULD BE INSPECTED AND CLEANED AT LEAST ANNUALLY."
NO PERMANENT STRUCTURES ARE TO BE ERECTED IN THE RESERVE AREA.
DO NOT PLANT TREES OVER OR NEAR THE FIELD.
AVOID VEHICULAR TRAFFIC OVER SYSTEM.

I CERTIFY THAT IN MAY OF 1994 I PASSED THE EXAMINATION APPROVED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION AND THAT THE ABOVE ANALYSIS HAS BEEN PERFORMED BY ME CONSISTENT WITH THE REQUIRED TRAINING, EXPERTISE, AND EXPERIENCE DESCRIBED IN 310 CMR 15.018(2).

LEONARD S. JALBERT SE# 1121



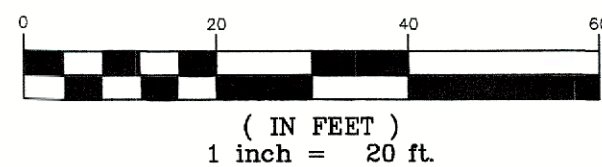
JALBERT ENGINEERING, INC.

CIVIL ENGINEERS & SURVEYORS

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Fax: (508) 347-7962

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Oxford, Massachusetts
For: Brain D. Plouffe



12 / 5 / 23

PLAN NUMBER	
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23066

REV, 2

REV, 2