

LOCUS MAP

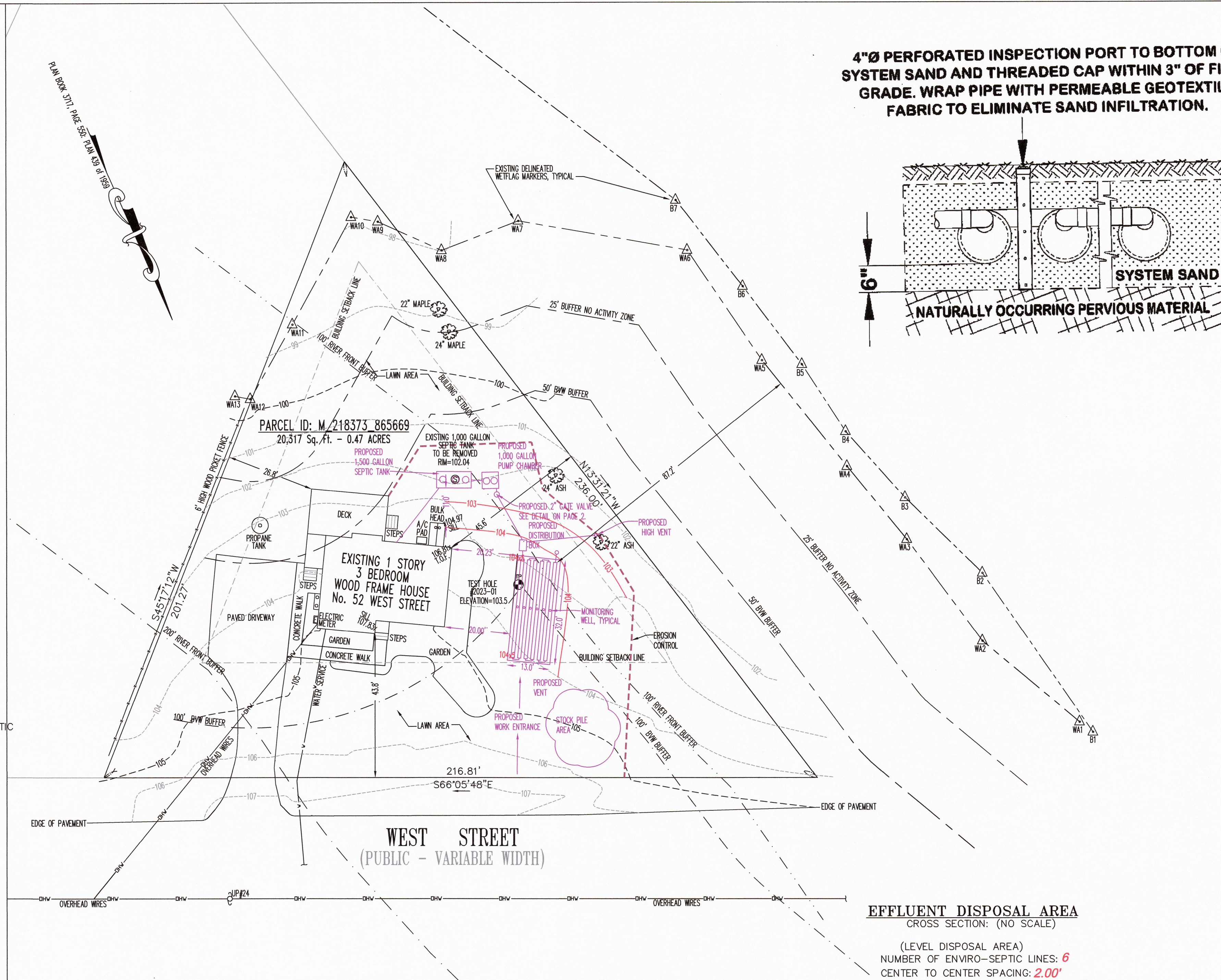
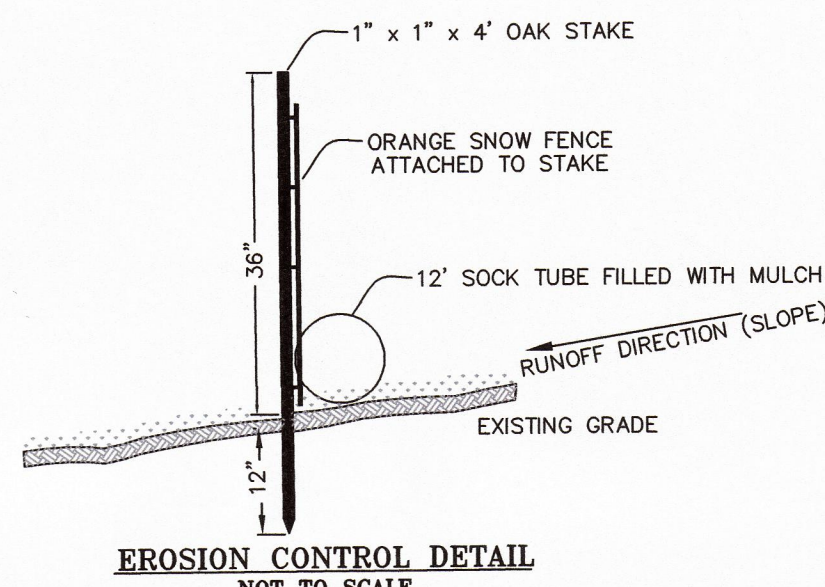
SCALE: 1" = 1000'

SCHEDULE OF ELEVATIONS

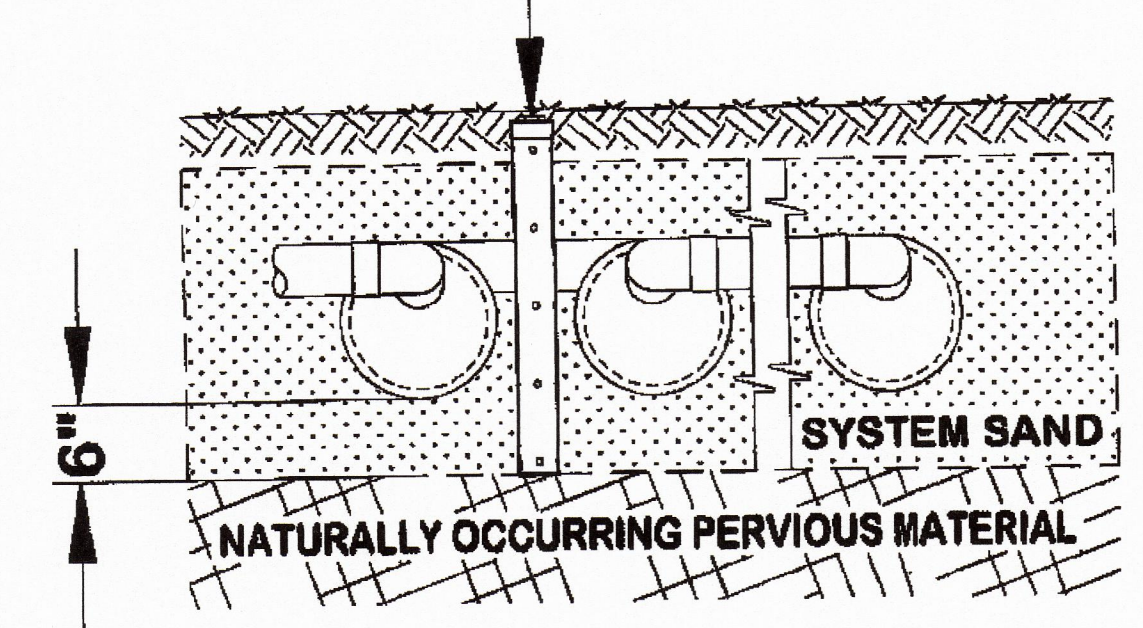
TOP OF FOUNDATION, TOP OF CONCRETE	106.81
BASEMENT FLOOR FINISHED GRADE	99.3±
INVERT OF PIPE AT FOUNDATION	101.2± (EXISTING)
INVERT AT SEPTIC TANK INLET	100.70
INVERT AT SEPTIC TANK OUTLET	100.45
INVERT AT PUMP CHAMBER INLET	100.20
INVERT AT PUMP CHAMBER OUTLET	100.00
INVERT AT DISTRIBUTION BOX INLET	102.97
INVERT AT DISTRIBUTION BOX OUTLET	102.80
INVERT AT ENVIRO-SEPTIC PIPE	102.68
ELEVATION OF BOTTOM OF ENVIRO-SEPTIC PIPE	102.1
ELEVATION OF TRENCH BOTTOM	101.6
FINISHED GRADE OVER LEACHING AREA (F.G.)	2% MINIMUM SLOPE (SEE PLAN)
GROUND WATER ELEVATION	98.5 MOTTLES
BREAKOUT ELEVATION	102.10

NOTE:

LOCAL UPGRADE APPROVAL TO ALLOW THE MINIMUM VERTICAL SEPARATION DISTANCE TO ESTIMATE HIGH GROUND WATER ELEVATION OF 3.1 FEET UNDER THE REMEDIAL USE PROVISION OF THE ENVIRO-SEPTIC BY PRESBY ENVIRONMENTAL, INC.



4"Ø PERFORATED INSPECTION PORT TO BOTTOM OF SYSTEM SAND AND THREADED CAP WITHIN 3" OF FINAL GRADE. WRAP PIPE WITH PERMEABLE GEOTEXTILE FABRIC TO ELIMINATE SAND INFILTRATION.

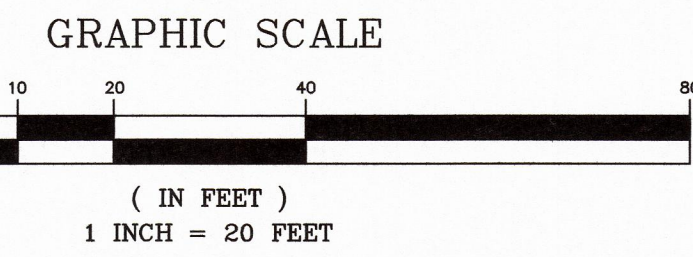


EFFLUENT DISPOSAL AREA

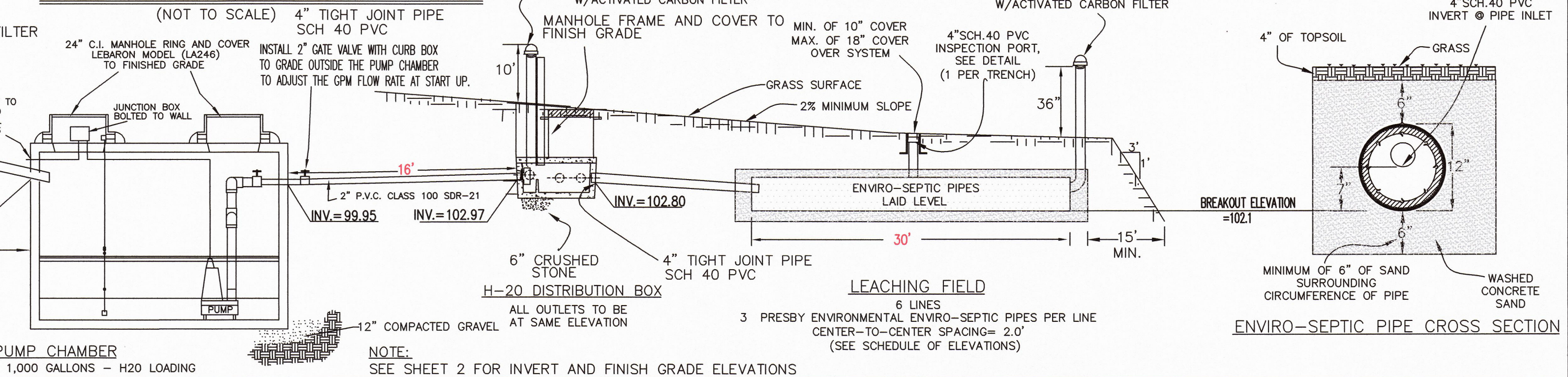
CROSS SECTION: (NO SCALE)
(LEVEL DISPOSAL AREA)
NUMBER OF ENVIRO-SEPTIC LINES: 6
CENTER TO CENTER SPACING: 2.00'

SITE PLAN

SCALE: 1" = 20'
PARCEL ID: M_218373_865669
ZONING REFERENCE: "R-40" SINGLE FAMILY
BUILDING SETBACK - FRONT YARD = 35' SIDE YARD = 15' REAR YARD = 30'



PROFILE OF SYSTEM



INSPECTIONS REQUIRED OF THE DESIGN ENGINEER

PLEASE NOTIFY DUNN-McKENZIE, INC. (800-540-9720) AT LEAST 48 HOURS IN ADVANCE.

1. SEPTIC TANK EXCAVATION WITH STONE PRIOR TO SEPTIC TANK PLACEMENT.
2. LEACHING FIELD EXCAVATION PRIOR TO BACKFILLING WITH "SEWER GRAVEL".
3. "SEWER GRAVEL" AND "CONCRETE SAND" BACKFILL - MUST PASS SIEVE TEST (SEE NOTES #1 & 2 ON SHEET #2 UNDER "SYSTEM IN FILL").
4. ALL PIPING ELEVATIONS PRIOR TO BACKFILL.
5. FINAL GRADING OVER ENTIRE SYSTEM.

*** EXCAVATION NOTE**

THE ENGINEER MAY ORDER THE REMOVAL OF ADDITIONAL UNSUITABLE SOIL THAT MAY BE ENCOUNTERED UPON INSPECTION OF OPEN EXCAVATION.

DATUM NOTE: ELEVATIONS SHOWN ON THIS PLAN ARE FROM AN ASSUMED DATUM.
BENCHMARK NOTE: BENCHMARK SHALL BE SET WITHIN 50 FT. OF LEACHING SYSTEM PRIOR TO ANY CONSTRUCTION.

REMOVE THESE SOIL HORIZONS SEE "LEACHING FIELD" NOTE 6 ON SHEET 2

SOIL TEST RESULTS

TEST HOLE:	DATE:	GROUND EL.:	TEST HOLE:	DATE:	GROUND EL.:
2023-01	9/13/2023	103.5	03-2		
DEPTH	HORIZON	SOIL TYPE	SOIL COLOR	ELEV.	
0-15"	A	SANDY LOAM	10YR 2/2	102.3	
15-42"	B	SANDY LOAM	10YR 5/6	100.0	
42-102"	C	SAND	10YR 6/3	95.0	
GROUNDWATER @ 90"				96.0	
MOTTLES @ 60"				98.5	

TEST HOLE:	DATE:	GROUND EL.:	TEST HOLE:	DATE:	GROUND EL.:
DEPTH	HORIZON	SOIL TYPE	SOIL COLOR	ELEV.	

SOIL EVALUATOR: JAMES W. NIEVA, PLS., C.S.E. B.O.H. KEVIN DUQUETTE

PERCOLATION TESTS

TEST NO.:	ELEV.:	TEST NO.:	ELEV.:	TEST NO.:	ELEV.:	TEST NO.:	ELEV.:
2023-01	103.5						
DATUM	TIME	INTERVAL	DATUM	TIME	INTERVAL	DATUM	TIME
SOAK	8:10	8:16	SOAK			SOAK	
12"			12"			12"	
11"			11"			11"	
10"			10"			10"	
9"			9"			9"	
8"			8"			8"	
7"			7"			7"	
6"			6"			6"	
RATE:	LESS THAN 2 M.P.I.		RATE:			RATE:	
DATE:	9/13/2023		DATE:			DATE:	
DEPTH:	18"		DEPTH:			DEPTH:	

I CERTIFY THAT ON JULY 1, 2010 I HAVE PASSED THE EXAMINATION APPROVED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION AND THAT THE ABOVE ANALYSIS HAS BEEN PERFORMED CONSISTENT WITH THE REQUIRED TRAINING, EXPERTISE, EXPERIENCE DESCRIBED IN 310CMR 15.018(2).

SOIL EVALUATOR: JAMES W. NIEVA, PLS., C.S.E.

TITLE 5 SEWAGE DISPOSAL SYSTEM UPGRADE FOR AN EXISTING 3 BEDROOM DWELLING

LOCATION
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FOXBOROUGH, MASSACHUSETTS 02035
APPLICANT & OWNER OF RECORD
JARDAN ENTERPRISES, LLP
72 WEST STREET
FOXBOROUGH, MASSACHUSETTS 02035
TEL. NO. (508) 922-0727

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