



CONSERVATION COMMISSION LEGEND

---	EDGE OF BORDERING VEGETATED WETLAND
---	EDGE OF 100' BUFFER ZONE
---	STAKED EROSION CONTROL BARRIER (SEE DETAIL)

TEST HOLE 269	TEST HOLE 270
0" A 10YR 3/2 FINE SANDY LOAM 439.5	0" A 10YR 3/2 FINE SANDY LOAM 441.4
8" Bw 10YR 4/6 SANDY LOAM 438.8	8" Bw 10YR 4/6 SANDY LOAM 440.7
20" 28" MOTTLING 437.8 437.2	26" MOTTLING 439.2
108" C 5Y 6/2 SANDY LOAM 430.5	114" C 5Y 6/2 SANDY LOAM 431.9
REFUSAL PERC - 3 M.P.I.	REFUSAL PERC - 3 M.P.I.

Soil Evaluator - STEVE DONATELLI
Witness - LENNY IZZO
Date of Test - SEPT 21, 2016
Perc Application# - 11-04
Perc Rate - 3 M.P.I.
Design G.W. - @ 20" (439.7-TR.#1)
Mottling - 20"
Refusal - 108" (T.H.#269)

CONSTRUCTION NOTES

Health Agent	Design Engineer
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

THE FOLLOWING INSPECTIONS IF CHECKED ARE REQUIRED BY THE BOARD OF HEALTH.

- After Excavation
- After Pipe And Stone Placement
- After Final Grading 24 hr. Notice Required

DESIGN	CRITERIA
	Total Daily Flow
4	Bdrms x 110 Gal/Bdrm/Day = 440 Gal/Day
No. of Leach Trenches	2 Length 45.31' Width 3'
Depth Below Inlet	14"
Effective Leaching Area is equal to 8.9 S.F. times Total Linear Feet.	90.6 L.F. x 8.9 S.F. = 806 S.F. Effective Leaching Area
806 S.F. x 0.80	= 483 Gal/Day
Total Leaching Area	gpd/Sq.Ft. Total Leaching Capacity
* GARBAGE GRINDERS NOT ALLOWED	

APPLICANT	LEGEND
SYLVAN SPRINGS REALTY TRUST 148 PARK ST NORTH READING, MA.	EXISTING CONTOUR PROPOSED CONTOUR EXISTING SPOT ELEVATION PROPOSED SPOT ELEV. DEEP HOLE PERC HOLE
SITE	
LOT 61 / HSE.#14 LOCUST HILL DRIVE MENDON, MA.	BENCH MARKS : USGS DATUM VERT. SPIKE IN 20" MAPLE ELEV.=426.34 VERT. SPIKE IN 12" OAK ELEV.=450.20

IA SYSTEM ~ SEWAGE DISPOSAL PLAN IN MENDON, MA

SCALE 1" = 20' DECEMBER 22, 2020

I CERTIFY THAT THE SEWAGE DISPOSAL FACILITY IS DESIGNED IN ACCORDANCE WITH TITLE 5 OF THE STATE ENVIRONMENTAL CODE AND THE REGULATIONS OF THE MENDON BOARD OF HEALTH.

NOTE: THIS PLAN WAS MADE FROM A TAPED SURVEY AND NOT FROM AN INSTRUMENT PROPERTY LINE SURVEY AND IS DRAWN FOR SEWAGE DISPOSAL PURPOSES ONLY AND NOT FOR PROPERTY LINE DETERMINATION.

APPROVED	
DISAPPROVED	
DATE	
SIGNED	

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