

ENVIRO-SEPTIC LINE ELEVATION TABLE															
SECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
TOP OF LINE	835.0	835.0	835.0	835.0	835.0	835.0	835.0	835.0	835.0	835.0	835.0	835.0	835.0	835.0	835.0
BOTTOM OF LINE	835.0	835.0	835.0	835.0	835.0	835.0	835.0	835.0	835.0	835.0	835.0	835.0	835.0	835.0	835.0

DESIGN INTENT
 BOTTOM OF TYPICAL DISPOSAL SYSTEM (EDS) SHALL BE CONSTRUCTED AT 2.0' ELEVATION BELOW THE ORIGINAL GROUND SURFACE. (SEE NOTE 1) 1.5' BELOW ORIGINAL GROUND ON THE HIGH CONTOUR OF THE DESIGNED EFFLUENT DISPOSAL SYSTEM (EDS).
CONNECTING ENVIRO-SEPTIC RAISED STRAIGHT CONNECTION SYSTEM

SPOT ELEVATIONS
 (A) 837.00' (D) 837.68' (G)
 (B) 837.64' (E) 837.32' (H)
 (C) 837.63' (F) (I)

PIPE SPACING
 SPACING BETWEEN LINES OF ENVIRO-SEPTIC PIPE CENTER TO CENTER
 1.5' 2.0' 2.5' 3.0'
 1.75' 2.25' 2.75' 3.5'

SOIL DATA
 MEC - Marlow
 SAND TYPE
 ASTM STANDARD: C-33 (CONCRETE SAND)

LEGEND

Drainage =
 Setback Lines =
 Water Lines =
 Driveway =
 Right Of Way =
 Well Radius =

Spot Elevation = +
 Iron Pipe =
 Water Shut-off =
 Bench Mark =
 Percolation Test Sites =
 Original Test Pit Site =

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

NOTES:

** TANK TO BE 1.0' (12") BELOW GRADE UNLESS OTHERWISE SPECIFIED
 ** SEALANT TO BE USED IS PLASTIC CEMENT
 ** ENVIRO-SEPTIC LINES TO BE LAID LEVEL
 ** SYSTEM MAY BE REPLACED IN SAME LOCATION IF NECESSARY
 ** DO NOT INSTALL SYSTEM ON FROZEN GROUND
 ** IF SYSTEM HAS AN EXISTING BUILDING, ALL INDICATED ELEVATIONS MUST BE CHECKED BEFORE INSTALLATION
 ** IF D-SOIL IS USED - FLOW EQUALIZERS MUST BE INSTALLED

MAINTENANCE
 PROPER MAINTENANCE AND CARE ARE REQUIRED FOR SEPTIC SYSTEM TO FUNCTION PROPERLY. THE FOLLOWING ARE SOME ITEMS THAT MAY SHORTEN SYSTEM LIFE: * SOME WATER SOFTENERS/PURIFIERS * HOT TUBS * GARAGE DISPOSAL UNITS * SOME CLEANERS * EXCESSIVE USE OF WATER * TOXIC CHEMICALS
 ** IMPROPER TANK MAINTENANCE-TANK SHOULD BE INSPECTED AT LEAST ONCE A YEAR AND CLEANED WHEN NECESSARY
 Enviro-Septic wastewater treatment systems are approved by NHDES as T248008-03-21 in accordance with part 248:006. The system is designed with the Enviro-Septic® Single Septic Leaching System Design and Installation Manual and the Enviro-Septic Wastewater Treatment System Design and Installation Manual New Hampshire State Attachment.

ENVIRO-SEPTIC

PIPE INDEX

(A) 4" PVC Sdn. 40 PLASTIC PIPE THROUGH FOUNDATION
 (B) 4" PVC Sdn. 40 PLASTIC PIPE W/ GLEUE JOINTS
 (C) 4" S&D SOLID PLASTIC PIPE
 (D) 4" S&D PERFORATED PLASTIC PIPE

SYSTEM REQUIREMENTS

PERC. RATE: 1" - 3" MINS.
 NUMBER OF BEDROOMS: 5
 DAILY FLOW VOLUME: 250 GPD
 TANK VOLUME PROVIDED: 1800 GAL.
 AMOUNT OF ENVIRO-SEPTIC REQUIRED: 250 FT.
 USE: 212' LINEAR FT. OF ENVIRO-SEPTIC

PERCOLATION TEST DATA (1)
 DATE: 08/02/13 RATE: 1" - 3" MINS. @ 18"

TEST PIT DATA (2)

0-7" Brown, sandy gravel (Driveway III) 10YR 4/3
 7-30" Dark gravelly, med-coarse sand (Driveway III) 10YR 5/3
 30-35" Dark yellowish brown fine sandy loam, friable (topsoil) 10YR 3/4
 35-52" Yellowish brown, fine sandy loam 10YR 5/6
 52-91" Lt olive brown, f-m sand 2.5Y 5/4
 Many redox features, compact, also pockets of v fine sand 10YR 5/2

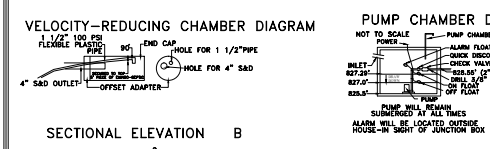
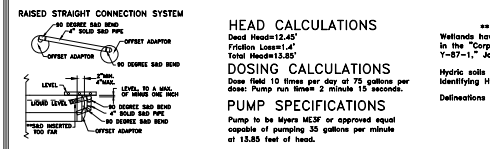
DATE: 08/02/13 WATER @ None Observed.
 DEPTH OF ROOTS: 50"
 ESTIMATED SEASONAL HIGH WATER TABLE: 48"
 SURFACE VEGETATION: 300M - JOINTED GRASS

LOCATION MAP (NOT TO SCALE)

SUBMITTED BY:
 Ammonoosuc Survey Co., Inc.
 PO BOX 1259
 Interloch, NH 03845
 PHONE #: (603) 558-9555

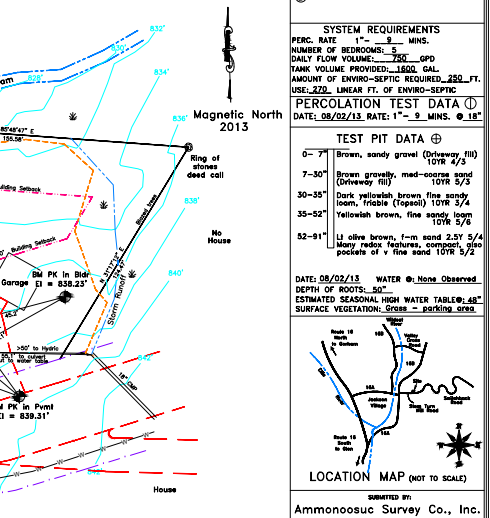
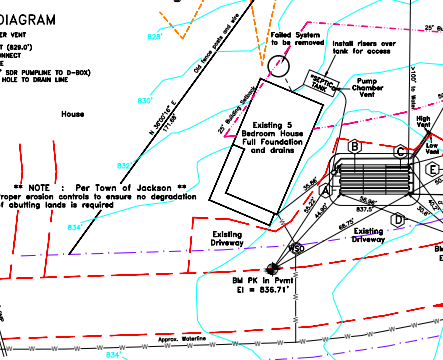
PROPOSED SEPTIC DISPOSAL FACILITIES FOR PROPERTY OF:
 Ralph Schoenagel
 1315 North Broadway Pined Rd
 Miami Beach, FL 33141

DATE: 08/13/2013
 DRN. BY: CHD BY: TOWN OF JACKSON
 RJT: ASY MAP V-2 / LOT 33
 SCALE: VOL 3024 / PAGE 118
 1" = 20'



NOTE: Per ENV. 1014.03 (c) Wetlands have been delineated in accordance with the techniques outlined in the "Corps of Engineers Wetlands Delineation Manual, Technical Report 1-87-1", January 1987.

Hydric soils have been determined by using the "Field Indicators for Identifying Hydric Soils in New England, Version 2", July 1998. Delineations performed by Greg Howard on July 22, 2015.



Lot Density
 Total lot area is 19,829 Sqft.
 Less 2,258 Sqft Hydric soils = 17,571 of Marlow, Group 3 Soils
 Minimum required for 4 bedrooms is 53,000
 Minimum for 5 bedrooms = 69,250 Sqft
 Lot has 28.5% of required soils

Lot Density - Jackson
 Total lot area is 19,829 Sqft.
 Less 2,258 Sqft Hydric soils = 17,571 of 253-C
 Minimum required for 4 bedrooms is 60,500
 Minimum for 5 bedrooms = 75,925 Sqft
 Lot has 23.2% of required soils

This lot was created in 1903 and by 1922 had the dwelling on it, see V 175 / p 116. Lot has an old cesspool which is failed, design is to improve on existing situation.

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