

TEST PIT DATA by Thad King, R.S.
LOGGED 4-28-20

TP 1
0 - 6" TOPSOIL
6 - 28" BR FINE SANDY LOAM
28 - 60" GR SAND & GRAVEL ROCKS W/ STRUCTURE
NO MOTTLING
ROOTS TO 30"
SEEPS @ 54"
NO LEDGE

TP 2
0 - 13" TOPSOIL
13 - 31" BR FINE SANDY LOAM
31 - 60" GR BR SAND LITTLE SILT
NO MOTTLING
ROOTS 31"
SEEPS @ 48"
NO LEDGE

TEST PIT DATA by Sol Tassone, P.E.
LOGGED 12-20-26 by ANDOVER SANTARIAN

TP 3A
0 - 8" TOPSOIL
8 - 19" RED-BROWN SAND W/ SILT
19 - 33" GRAY COMPACT SAND W/ STONES & GRAVEL
33 - 75" MOD-SEVERELY COMP. BROKEN ROCK W/ STONES
REFUSAL @ 75" (LEDGE)
SEEPS @ 51"
MOTTLING @ 26"
NO LEDGE

TP 3B
0 - 10" TOPSOIL
10 - 28" RED-BROWN SAND & SILT
28 - 42" LIGHTLY COMP. GRAY COARSE SAND W/ STONES
42 - 60" COMP. BROKEN ROCK
REFUSAL @ 60" (LEDGE)
MOTTLING @ 30"
SEEPS @ 34"

*LOCATIONS OF THESE TEST PITS WERE POORLY SKETCHED AND UNDETERMINABLE IN THE FIELD.

SEPTIC SYSTEM DESIGN PARAMETERS:
BEDROOMS: 1 FF= 0.5
PERC RATE: 5-10 min./in. PF= 1.0
REQ'D AREA: 187.5 SFEA
SLOPE: 6.1 - 8%
DEPTH: 19-22" HF= 34
MLSS = FFxPFxHF = 1.75 x 34 = 59.5 LF

SEPTIC SYSTEM PROVIDED:
1' x 4' STONE TRENCH (3.0 SFEA/LF)
1 ROW @ 6.3' = 189 SFEA
SYSTEM TO BE NO MORE THAN 18" INTO EXISTING GRADE

NOTE: ADDITIONAL TEST PITS MAY BE REQUIRED PRIOR TO SEPTIC SYSTEM INSTALLATION TO VERIFY DEPTH INTO GRADE.

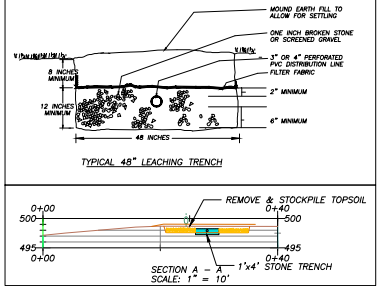
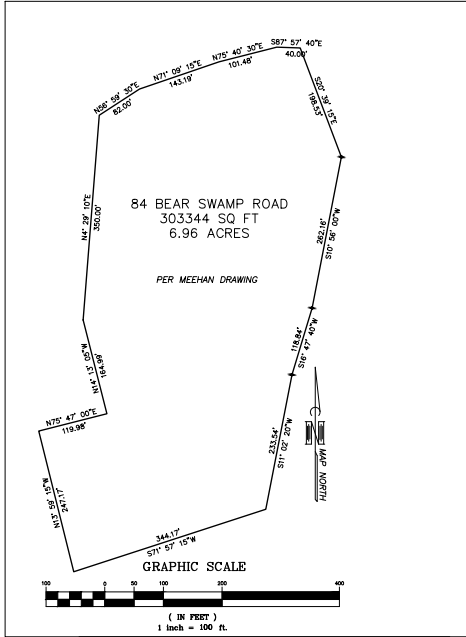
SYSTEM ELEVATIONS:
TRENCH BOTTOM: 497.25
TRENCH FLOW LINE: 497.75
TANK OUTLET: 498.15
TANK INLET: 498.40
SOIL PIPEL: > 499.00

EXISTING BUILDING COVERAGE:
HOUSE: 1612 SF
BARN: 872 SF
SHED: 355 SF
TOTAL: 2839

PROPOSED ACCESSORY BUILDING: 924 SF (INCLUDING PORCH & DECK)
PROPOSED TOTAL COVERAGE: 3763 SF
PERCENTAGE OF LOT COVERED: 1.2%

MINIMUM ALLOWABLE FLOOR AREA: 500 SF
PROPOSED BUILDING FLOOR AREA: 660 SF

- LEGEND**
- existing contours 500
 - proposed contours 500, 640
 - proposed elevation
 - silt fence
 - soils delineation
 - setback lines
 - underground utilities
 - water line
 - stone walls
 - rail fence
 - tree line
 - proposed driveway
 - rocks
 - existing buildings
 - proposed building



THIS PLAN WAS PREPARED FROM LIMITED RESEARCH, MAPS, LIMITED FIELD MEASUREMENTS AND OTHER SOURCES OF INFORMATION FOR THE EXPRESS PURPOSE OF DEPICTING A SINGLE-BEDROOM ACCESSORY BUILDING TO BE BUILT ON THE SHOWN PARCEL.

THIS IS NOT TO BE CONSTRUED AS A PROPERTY/BOUNDARY OR LIMITED PROPERTY/BOUNDARY SURVEY AND IS SUBJECT TO SUCH FACTS AS SAID SURVEYS MAY DISCLOSE.

DIMENSIONS SHOWN ARE FROM THE REFERENCED MAP, WHICH INCLUDED INTERIOR ANGLES AT EACH CHANGE IN DIRECTION. BEARINGS SHOWN ARE APPROXIMATE BEARINGS BASED ON AN ARBITRARY DESIGNATION OF NORTH.

ELEVATIONS ARE BASED ON AN ASSUMED DATUM SET IN THE FIELD.

Type of Survey: IMPROVEMENT LOCATION
Boundary Determination Category: DEPENDENT RESURVEY
Class of Accuracy: A-2

This map and survey were prepared pursuant to the Regulations of Connecticut State Agencies Sections 20-300b-1 through 20-300b-20 and the "Standards for Surveys and Maps in the State of Connecticut" as adopted by the Connecticut Association of Land Surveyors, Inc., on September 26, 1996.

General Notes

ASSESSOR'S MBL: 34/27/6
VOL. 134, PG. 1069

MAP REFERENCED:
*PLAN PREPARED FOR ABERLE SUBDIVISION, BEAR SWAMP ROAD, ANDOVER, CONN., dated 1-23-85
scale: 1"=40'

TOPOGRAPHY BY FIELD MEASUREMENT
5/26/20

FIRM PANEL 0901610004.A
A FLOOD ZONE C; AREA OF MINIMAL FLOODING

SOILS CLASSIFICATIONS FROM USDA WEB SOIL SURVEY:
73 C - CHARLTON-CHATFIELD COMPLEX
0-15% SLOPES, VERY ROCKY
75 E - HOLLIS CHATFIELD ROCK OUTCROP COMPLEX.

No.	Revision/Issue	Date

PROPOSED ACCESSORY UNIT
WILLIAM & CASEY DEVINE
84 BEAR SWAMP ROAD
ANDOVER CT



Project: 2009 - DEVINE
Date: MAY 27, 2020
Scale: 1" = 30'
Sheet: 1 OF 1