

TH#1 - 0"-12" TOPSOIL  
- 12"-38" BROWN SANDY LOAM  
- 38"-78" GRAY COMPACT MOTTLED SANDY HARDPAN  
NO WATER  
MOTTLING@38"  
NO LEDGE  
ROOTS TO 30"

TH#2 - 0"-6" TOPSOIL  
- 6"-30" BROWN SANDY LOAM  
- 30"-70" GRAY COMPACT MOTTLED SANDY HARDPAN  
NO WATER  
MOTTLING@30"  
NO LEDGE

PERC TEST DATA

WITNESSED BY ADVANCED SURVEYS - 10/16/24

PERC  
DEPTH - 22"  
PRESOAK - 1:10  
2:20 - 6"  
2:30 - 9"  
2:40 - 11"  
2:50 - 13 1/4"  
3:00 - 15"  
3:10 - 16 1/4"  
3:20 - 17 1/2"  
PERC RATE - 8 MINUTES PER INCH

MLSS CALCS & DESIGN

## RESERVE AREA

### 3 BEDROOM RESIDENCE

SLOPE 7.0%

PERC RATE - 1" IN 8 MINUTES

RECEIVING SOIL DEPTH (AVG.) 34"

$$(HF) 26 \times (FF) 1.50 \times (PF) 1.0 = 39.0'$$

MLSS REQUIRED - 39.0

MLSS PROVIDED 50

MLSS PROVIDED 50  
2 BEDROOM HOUSE

3 BEDROOM HOUSE REQUIRES 495 S.F.  
OF EFFECTIVE L.S. SURFACE AREA

OF EFFECTIVE LEACHING AREA  
USE 50 FEET OF GEOMATRIX G

USE 50 FEET OF GEOMATRIX-GST 6212 (12" DEPTH)  
(50 X 10.0 = 500.0 LB.)

(50 X 10.0 = 500 S.F.)  
USE 1,000 CAL. 2 CG

USE 1,000 GAL. 2 COMPARTMENT SEPTIC TANK

W/ OUTLET FILTER DEVICE

**VARIANCE NOTE:**

A VARIANCE IS REQUESTED FROM ZONING REGULATIONS SECTION 8.4 (MINIMUM LOT SIZE) TO REDUCE THE AREA OF #12 BLAIS ROAD BY 11,235 S.F. FROM 36,015 S.F TO 24,780 S.F.


NOTES:

1. THIS SURVEY HAS BEEN 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. IT IS A PROPERTY SURVEY BASED ON A RESURVEY AND CONFORMS TO HORIZONTAL ACCURACY CLASS A-2.
2. FOR SUBJECT PROPERTY REFERENCE IS MADE TO THE TOWN OF MONTVILLE LAND RECORDS VOLUME 593 - PAGE 1015 & VOLUME 382 - PAGE 482.
3. TOTAL AREA OF PROPERTY = .36015 SQUARE FEET± (.03 ACRES±).
4. THE PROPERTY IS LOCATED IN ZONING DISTRICT R-40.

MAP REFERENCES:

1. PLAN OF BUILDING LOTS OWNED BY AIME BLAIS, APRIL 1957, SCALE: 1 INCH = 50 FEET, PREPARED BY GEO. E. PITCHER & SON.
2. MAP SHOWING LAND TO BE CONVEYED BY WILLIAM SAGE, MONTVILLE, CONN., SCALE: 1"=40 FT., OCT. 1972, PREPARED BY JAMES F. MCNALLY.
3. PROPERTY SURVEY PROPERTY OF CITIZENS BANK OF CONNECTICUT, BLAIS ROAD, MONTVILLE, CONNECTICUT, SCALE: 1"=20', NOVEMBER 1998, PREPARED BY TOTAL TECHNOLOGY, INC.



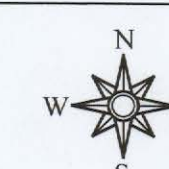
PROJECT NO.	23-082								
DRAWN BY:	R.A.D.								
DATE:	7/18/23								
SCALE:	1"=20'								
SHEET	1 OF 1								
<h3 style="text-align: center;">REVISONS</h3> <table border="1" style="width: 100%;"> <tr> <td style="width: 20%;">9/24/24</td> <td>VARIANCE REQUESTED BOUNDARY LINE ADJUSTMENT</td> </tr> <tr> <td>10/20/24</td> <td>TESTHOLES &amp; RESERVE AREA</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>		9/24/24	VARIANCE REQUESTED BOUNDARY LINE ADJUSTMENT	10/20/24	TESTHOLES & RESERVE AREA				
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10/20/24	TESTHOLES & RESERVE AREA								
 <p>GRAPHIC SCALE IN FEET</p>									

PROPERTY SURVEY  
PREPARED FOR

PAMELA J. TRACEY

#12 BLAIS ROAD & FITCH HILL ROAD  
MONTVILLE, CONNECTICUT

**ADVANCED SURVEYS, LLC.**  
43 Flyers Drive, Norwich, CT 06360  
Phone (860)639-8928



LEGEND:

VOL.	VOLUME
PG.	PAGE
N/F	NOW OR FORMERLY
S.F.	SQUARE FEET
IP	IRON PIPE
IPIN	IRON PIN
REC.	RECOVERED
CB	CATCH BASIN
CL&P	CONNECTICUT LIGHT & POWER
SNET	SOUTHERN NEW ENGLAND TELEPHONE



TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT  
AS NOTED HEREON. THIS MAP IS NOT VALID WITHOUT A LIVE SIGNATURE  
AND THE EMBOSSED SEAL OF THE SURVEYOR HEREON.

RICHARD A. DESCHAMPS

L.S. #70019

10/20/24  
DATE