

LEGEND

These standard symbols might be found in the drawing.

- CONC. Concrete
BIT. Bituminous
U. Utility Pole
WV Water Valve
GV Gas Valve
--- Boundary Line
--- Edge of Road / Drive
--- Stone Wall
--- Catch Basin
--- SMH Sewer Manhole
--- I.P.S. 5/8" Iron Pin Set
--- D.H.F. Drill Hole Found
--- D.H.S. Drill Hole Set
--- WLF 2 Wetland Flag
--- GMS Granite Merestone
--- EX. CONC. MON. Existing Concrete Monument
--- TBS To Be Set
--- Vynal Fence

GENERAL NOTES:

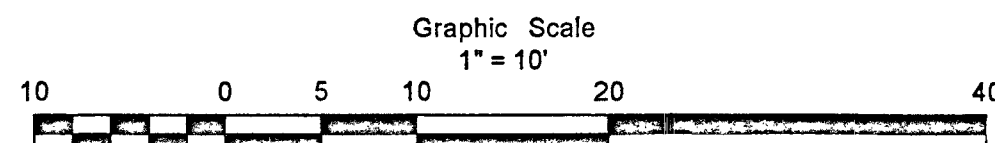
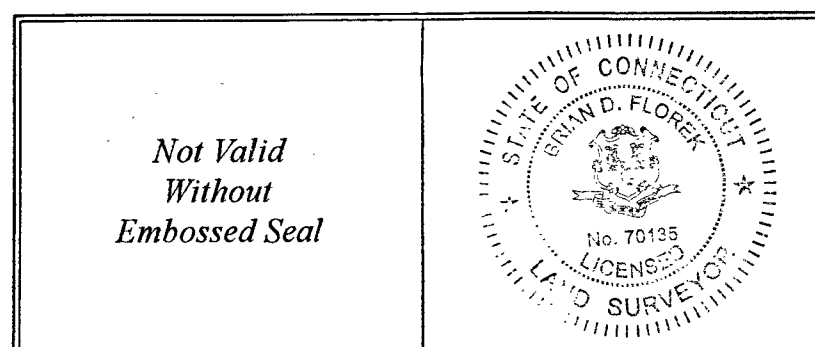
- 1) Reference is made to the following plans:
a. "Plot Plan, Prepared for Thomas Nazarko, Location: Oxoboxo Road - Oakdale, Connecticut, Scale: 1 inch=10 ft., Dated: December 9, 2004, Revised to 12/08" Plan surveyed and mapped by J. Robert Pfanner & Associates and provided to Florek Surveying, LLC by client.
b. "Map Showing Land Of Daniel W. & Maureen A. Kobyluck, Montville Connecticut, Scale: 1" = 40', Dated: September, 2002." Plan surveyed and mapped by Thomas A. Brennan Jr. and provided to Florek Surveying, LLC by client.
2) North orientation is based on a GPS / RTK observation in December 2022 utilizing the Acom Network.
3) Reference is made to the following deed filed in the Town of Montville Clerk's Office, Volume 456 Page 544 for the subject property.
4) The word certify as used is understood to be an expression of professional opinion by the surveyor. It is a declaratory statement which is based on the surveyor's best knowledge, information and belief. As such it constitutes neither a guarantee nor warranty, expressed or implied, of any information contained hereon.
5) Not all underground utilities maybe shown on the plan. Call before you dig (CBYD) is recommended prior to any construction.
6) The removal or destruction of survey monumentation, whether set or found, as shown on this survey plan may be subject to Connecticut Statute 47-34a.
7) Septic system design and sizing traced from Map Reference 1a. Notes and sheet 2 of 2 also taken from Map Reference 1a.

SURVEY NOTES:

1. This survey has been prepared in accordance with "The Standards and Suggested Methods and Procedures for Surveys and Maps in the State of Connecticut" Prepared and Adopted by the Connecticut Association of Land Surveyors, Inc. on August 29, 2019. This survey type is a PROPERTY SURVEY based on a RESURVEY in General Note 1A & 1B. This plan is intended to show PROPOSED FEATURES IN RELATION TO THE PROPERTY LINES.
2. This survey conforms to Class A-2 / T-2.

To the best of my knowledge and belief this map is substantially correct as noted thereon.

Brian D. Florek, L.S. #70135
Managing Member, Florek Surveying, LLC
239 Shore Road, Waterford, CT 06385
bflorek@floreksurveyingllc.com 860.271.6006
Date: 5/2/23



Zoning Compliance Chart
R-80

	Required:	Provided:
Minimum Lot Area:	80,000 s.f.	12,521 s.f.*
Minimum Lot Frontage:	180.00 ft.	94.72 ft.*
Minimum Front Yard Setback:	50 ft.	67 ft.
Minimum Rear Yard Setback:	50 ft.	23.2 ft.
Minimum Side Yard Setback:	20 ft.	20.5 ft.
Building Height:	35 ft.	30 ft.

* Existing Non-Conforming
* Variance of 26.8' Rear Yard Setback Requested

TEST HOLE DATA
8/3/04 OBSERVED BY UNCAS HEALTH DISTRICT

TEST HOLE #1
0 - 4" TOPSOIL
4" - 37" BROWN SANDY LOAM
37" - 95" COARSE SAND & GRAVEL
NO MOTTLING, NO WATER, NO LEDGE, NO RESTRICTIVE

TEST HOLE #2
0 - 7" TOPSOIL
7" - 42" BROWN SANDY LOAM
42" - 107" COARSE SAND & GRAVEL
NO MOTTLING, NO WATER, NO LEDGE, NO RESTRICTIVE

8/27/04 OBSERVED BY UNCAS HEALTH DISTRICT
TEST HOLE #3 (ELEV=109.3)
0 - 10" FILL
10" - 20" TOPSOIL
20" - 32" BROWN SANDY LOAM
32-144" COARSE SAND & GRAVEL
NO MOTTLING, NO WATER, NO LEDGE, NO RESTRICTIVE

TEST HOLE #4 (ELEV=102.4)
0 - 28" FILL
28" - 48" TOPSOIL
48" - 88" BROWN SANDY LOAM
88-150" COARSE SAND & GRAVEL
NO MOTTLING, WATER @ 135", NO LEDGE

PERCOLATION TESTING PERFORMED ON 12/14/04
BY J. ROBERT PFANNER & ASSOCIATES P.C.

PERC TEST #1
PRESOAK @ 10:45'
START TIME 11:31
END TIME 11:46
TIME OF UNIFORM DROP=15 MIN
TEST WATER DROP=8.75"
PERCOLATION RATE=1.7 MIN/IN.

PERC TEST #2
PRESOAK @ 10:50'
START TIME 11:30
END TIME 11:55
TIME OF UNIFORM DROP=20 MIN
TEST WATER DROP=5.25"
PERCOLATION RATE=3.8 MIN/IN.

NOW OR FORMERLY

Nikkolas c. Liggett

111 Lake Drive

Town Clerk Volume 624 Page 651

Tax Assessor Map 108 / Lot 68

SITE IMPROVEMENT SURVEY

PROPERTY BELONGING TO:

MICHAEL DESAUTELS
SHOT INTO THE DARK LLC
LAKE DRIVE

MONTVILLE, CONNECTICUT

SCALE: 1" = 10'

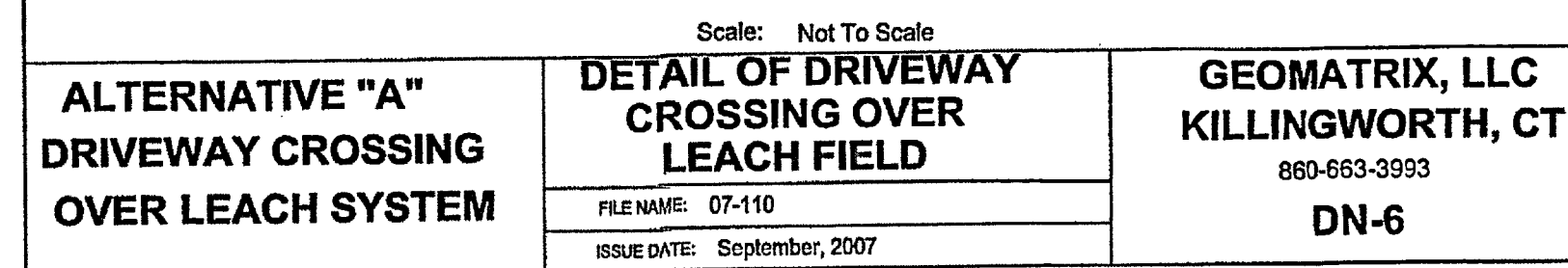
DECEMBER 26, 2022

SHEET 1 OF 2

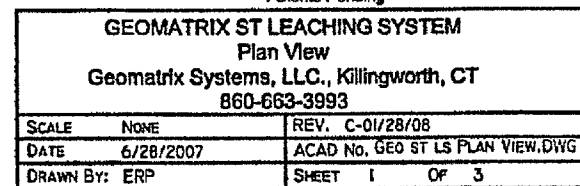
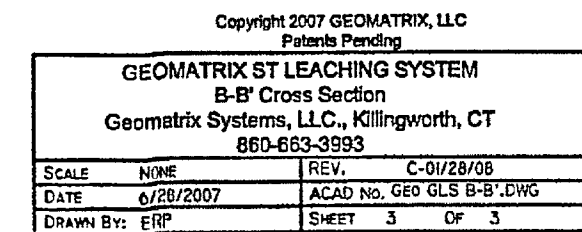
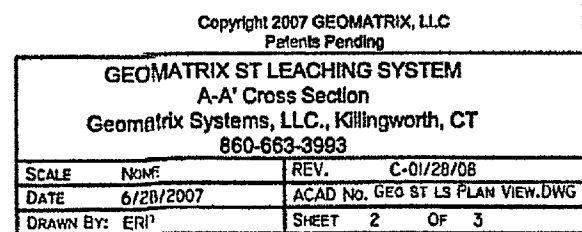
RECEIVED

MAR 17 2023

BY: _____



Any questions call Geomatrix Systems 860-663-3993
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1. BASIS OF SANITARY DESIGN: 3 BEDROOM HOUSE WITH 1-10 MIN./IN. PERC. RATE. USE MIN. 1000 ALL ON SEPTIC TANK WITH GEOMATRIX GST EDGE ST 1200 AS SHOWN.
TOTAL LEACHING AREA REQUIRED = 495 S.F.
TOTAL LEACHING AREA PROVIDED: 19.0' OF GEOMATRIX GST 6236 @ 26.2 SF/LF = 497.8 S.F.
2. WATER SUPPLY BY ON SITE WELL
3. SOLID PIPING BETWEEN SEPTIC TANK AND TRENCHES TO BE D3034 SDR 35 PVC
4. REMOVE ANY UNSUITABLE MATERIAL WITHIN SEPTIC SYSTEM AND REPLACE WITH "SELECT FILL MATERIAL" THE FILL SHALL MEET THE FOLLOWING REQUIREMENTS UNLESS OTHERWISE APPROVED BY THE DESIGN ENGINEER FOR USE WITHIN THE LEACHING AREA:
 - A. THE SELECT FILL SHALL NOT CONTAIN ANY MATERIAL LARGER THEN THREE (3) INCH SIEVE.
 - B. UP TO 45% OF THE DRY WEIGHT OF THE REPRESENTATIVE SAMPLE MAY BE RETAINED ON THE #4 SIEVE (THIS IS THE GRAVEL PORTION OF THE SAMPLE).
 - C. THE MATERIAL THAT PASSES THE #4 SIEVE IS THEN RE-WEIGHED AND THE SIEVE ANALYSIS STARTED.
 - D. THE REMAINING SAMPLE SHALL MEET THE FOLLOWING GRADATION CRITERIA:

* THE PERCENT PASSING THE #40 SIEVE CAN BE INCREASED TO NO GREATER THAN 75 % IF THE PERCENT PASSING THE #100 SIEVE DOES NOT EXCEED 10 % AND THE #200 SIEVE DOES NOT EXCEED 5 %

- ## SITE IMPROVEMENT SURVEY

MICHAEL DESAUTELS

MONTVILLE, CONNECTICUT

SHEET 2 OF 2