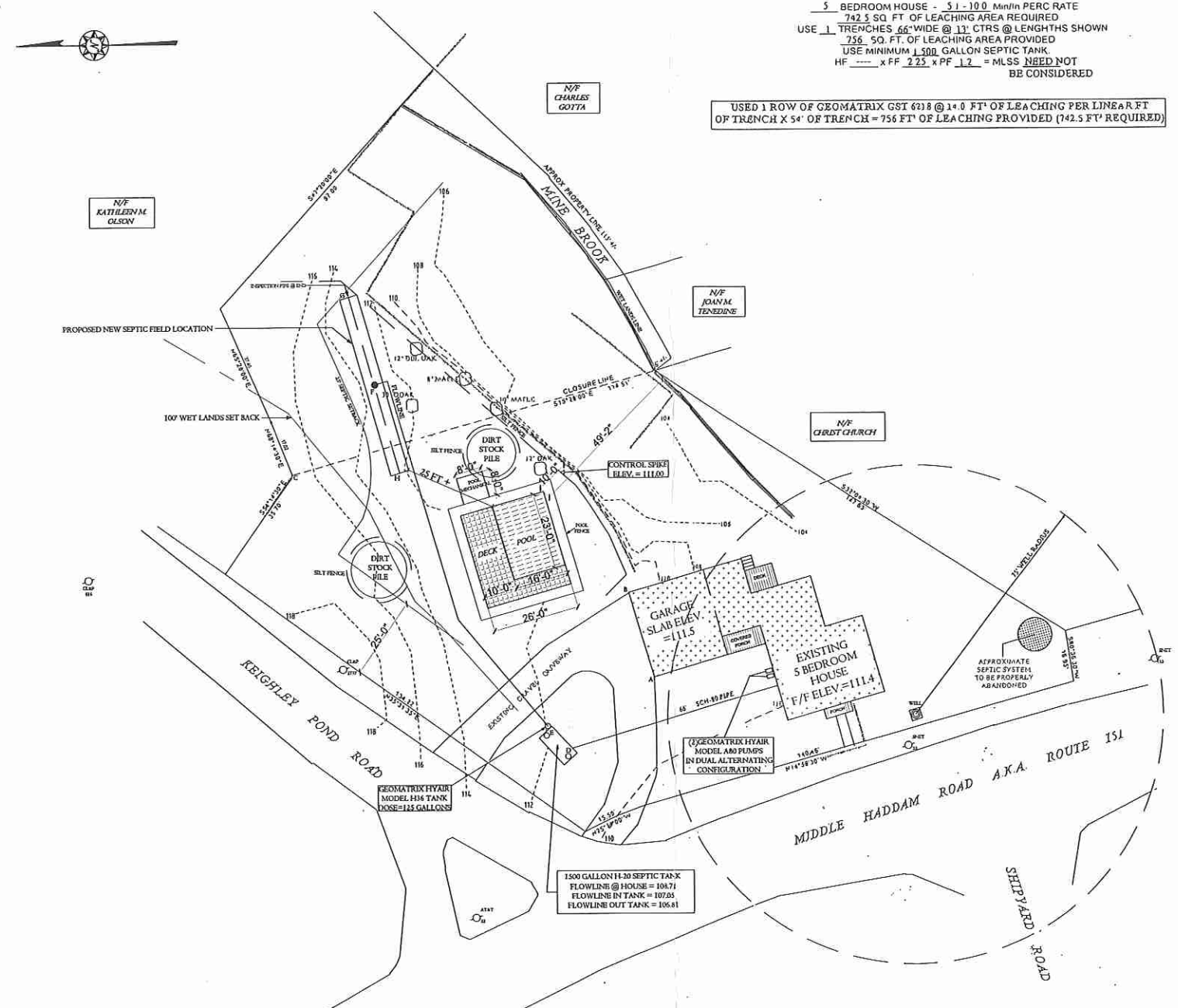


**BASIS OF SANITARY DESIGN**

5 BEDROOM HOUSE - 51 - 100 Min/In PERC RATE  
 742.5 SQ. FT. OF LEACHING AREA REQUIRED  
 USE 1 TRENCHES 66" WIDE @ 1'1" CTRS @ LENGTHS SHOWN  
 756 SQ. FT. OF LEACHING AREA PROVIDED  
 USE MINIMUM 1,500 GALLON SEPTIC TANK  
 HF ----- x FF 2.25 x PF 1.2 = M.L.S.S. NEED NOT  
 BE CONSIDERED

USED 1 ROW OF GEOMATRIX GST 6018 @ 1 x 0 FT. OF LEACHING PER LINEAR FT.  
 OF TRENCH X 54' OF TRENCH = 756 FT. OF LEACHING PROVIDED (742.5 FT. REQUIRED)



SWING TIES	
A - D = 35.2'	B - D = 51.9'
A - E = 36.5'	B - E = 49.1'
C - F = 36.1'	B - F = 99.7'
C - G = 55.9'	B - G = 123'
A - H = 98.4'	B - H = 76.2'

**NOTES**  
 THERE ARE NO WELLS WITHIN 75' OF INSTALLED SEPTIC SYSTEM  
 THIS PLAN IS MEANT TO DESCRIBE THE LOCATIONS AND ELEVATIONS OF THE NEWLY INSTALLED SEPTIC SYSTEM  
 SYSTEM WAS PARTIALLY BURIED AT TIME OF LOCATION  
 LOCATIONS SHOWN ARE PER LOCATIONS OF EXPOSED STRUCTURES.  
 LABELED STRUCTURE TYPES ARE PER DESIGN AND INSTALLER (SEE INSPECTOR'S REPORT FOR DETAILS)

**TEST PIT DATA**  
 TP #1  
 0 - 16" TOPSOIL & FILL  
 16 - 25" TOPSOIL  
 25 - 42" RED BROWN SAND LOAM  
 42 - 70" BROWN LOAMY SAND/BROKEN LEDGE  
 MOTTLES 42" - GW - NONE - LEDGE 70" - RESTRICTIVE 42"  
 TEST PIT AS WITNESSED AND DESCRIBED  
 BY STEVEN KNAUF R.S. 3/30/15

**PERC TEST DATA**  
 PERC 'A'  
 DEPTH: 24"  
 PRESOAK: -3 HOURS  
 TIME READING:  
 1:20 3"  
 1:02 5 1/2"  
 1:14 7 3/8"  
 1:24 9"  
 1:36 10 1/2"  
 1:48 12"  
 PERC RATE: 8.0 MIN/IN  
 PERC TEST DATA PER  
 STEVEN KNAUF R.S. 3/30/15

**LEGEND**

△	CONTROL SPIKE
○	TREE (AS NOTED)
⊙	WELL
∧	PERCOLATION TEST
⊖	DEEP TEST PIT
○	UTILITY POLE
++++	SILT FENCE

**REFERENCE NOTE**  
 THIS SURVEY AND MAP HAVE BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT BY REGISTERED PROFESSIONAL LAND SURVEYORS THROUGH THE BOARD OF LAND SURVEYORS AND THE STATE OF CONNECTICUT, ADOPTED FOR USE BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS INC. ON SEPTEMBER 16, 1991.  
 THE TYPE OF SURVEY IS: TOPographic LOCATION SURVEY  
 THE BOARD OF LAND SURVEYORS CATEGORY IS: DEFENDANT RESURVEY  
 THE HORIZONTAL ACCURACY CONFORMS TO C.S. 12-104

**MAP REFERENCE**  
 PLAN OF LAND FOR JOHN A. JR. & RUTH A. STEFFMAN - EAST HAMPTON, CONN.  
 SCALE 1" = 20' - DEC. 1973 - BY WILLIAM W. HARRIS, II.

"TO MY KNOWLEDGE AND BELIEF  
 THIS MAP IS SUBSTANTIALLY CORRECT  
 AS NOTED HEREON."

Charles R. Dutch, L.S. 15776  
 LICENSE NUMBER



**SEPTIC REPAIR LOCATION PLAN**  
 PREPARED FOR  
**RUTH STEFFMAN**

58 MIDDLE HADDAM ROAD - EAST HAMPTON, CONNECTICUT  
 SCALE 1" = 20' - MAY 20, 2016



**DUTCH & ASSOCIATES**  
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