



LOT 1						LOT 1					
PERFORMED 8/19/2019						PERFORMED 8/19/2019					
PERC NO. 1-P PRESOAK TIME 10:00 AM DEPTH HOLE 22" NAIL DOWN 2"						PERC NO. 1-R PRESOAK TIME 10:00 AM DEPTH HOLE 20" NAIL DOWN 2"					
START TIME	DEPTH	TIME CHANGE	DEPTH CHANGE	MIN./IN.		START TIME	DEPTH	TIME CHANGE	DEPTH CHANGE	MIN./IN.	
11:16	9-1/2"	10 MIN.				11:18	9"	10 MIN.			
11:26	14-1/2"	10 MIN.	5"			11:28	15-1/2"	10 MIN.	6-1/2"		
11:36	17"	10 MIN.	2-1/2"			11:38	17-1/2"	10 MIN.	2"		
11:46	19"	10 MIN.	2"	5.0 MI		11:48	DRY	10 MIN.		5.0 MI	
11:56	DRY										

LOT 1A						LOT 1A					
PERFORMED 8/21/2019						PERFORMED 8/21/2019					
PERC NO. A1-P PRESOAK TIME 7:00 AM DEPTH HOLE 20" NAIL DOWN 2"						PERC NO. 1A-R PRESOAK TIME 7:00 AM DEPTH HOLE 20" NAIL DOWN 2"					
START TIME	DEPTH	TIME CHANGE	DEPTH CHANGE	MIN./IN.		START TIME	DEPTH	TIME CHANGE	DEPTH CHANGE	MIN./IN.	
7:50	6-1/4"					7:55	7"	10 MIN.			
8:00	15-1/2"	10 MIN.	9-1/4"			8:05	15-3/4"	10 MIN.	8-3/4"		
8:10	17-1/2"	10 MIN.	2"			8:16	17-3/4"	10 MIN.	2"		
8:20	DRY	10 MIN.		5.0 MI		8:26	DRY	10 MIN.		5.0 MI	

DATE 8/8/2019

TP-101-0'-9" TOPSOIL
9"-14" ORANGE BROWN F.S.L.
14"-38" GREY MED COMP SAND & GRAVEL (LOOSE)
38"-81" GREY SANDY TILL W/STONES & ROCKS
LOOSE TO FIRM
ROOTS 24", NO GRD WATER, NO LEDGE, NO APPARENT MOTTLING

TP-102-0'-8" TOPSOIL
8"-38" ORANGE BROWN F.S.L. W/STONES
38"-77" BROWN TO GREY SANDY TILL W/STONES & ROCKS
LOOSE TO FIRM
ROOTS 37", NO GRD WATER, NO LEDGE, NO APPARENT MOTTLING

TP-103-0'-6" TOPSOIL
6"-21" ORANGE BROWN F.S.L. W/STONES
21"-69" GREY MED. COMP. SAND & GRAVEL W/STONES (LOOSE TO FIRM)
ROOTS TO 47" NO LEDGE NO GRD. WATER POSSIBLE MOTTLING @ 42"

TP-104-0'-9" TOPSOIL
9"-27" ORANGE BROWN F.S.L. SOME GRAVEL (LOOSE)
27"-78" BROWN TO GREY SANDY TILL MANY STONES (LOOSE TO FIRM)
NO GRD. WATER ROOTS TO 35" NO APPARENT MOTTLING

TP-105-0'-7" TOPSOIL
7"-24" ORANGE BROWN FINE SAND
24"-68" OLIVE BROWN FINE SAND SOME GRAVEL (LOOSE)
ROOTS TO 33" POSSIBLE MOTTLING @ 51" NO LEDGE NO GRD. WATER

TP-106-0'-10" TOPSOIL
10"-29" LIGHT ORANGE BROWN LOAMY FINE SAND SOME GRAVEL (LOOSE)
29"-55" GREY SANDY TILL
NO GRD. WATER MOTTLING @ 34" ROOTS TO 38" REFUSAL & 55"

TP-107-0'-7" TOPSOIL
7"-20" ORANGE BROWN F.S.L. & GRAVEL
20"-38" OLIVE BROWN FIRM SAND & GRAVEL
38"-68" GREY SANDY TILL W/ROCKS & STONES (LOOSE TO FIRM)
ROOTS TO 40" NO GRD. WATER NO LEDGE NO MOTTLING

TP-108-0'-6" TOPSOIL
6"-18" ORANGE BROWN F.S.L. SOME GRAVEL (LOOSE)
18"-28" FINE TO MED. SAND SOME GRAVEL (LOOSE)
28"-66" GREY SANDY TILL (LOOSE TO FIRM)
ROOTS TO 20" NO GRD. WATER NO LEDGE POSSIBLE MOTTLING @ 41"

SEPTIC DESIGN LOT 1
FOUR BEDROOM HOUSE 577.5 S.F. OF EFFECTIVE LEACHING
MLSS 16 X 1.0 X 1.75 = 28"
USE 11 MANTIS UNITS @ 11 SQ. FT. CREDIT
605 SQ. FT. OF EFFECTIVE AREA PROVIDED
B.O.T. NO DEEPER THAN 24" INTO EXISTING GRD.
1,250 GALLON SEPTIC TANK

SEPTIC DESIGN LOT 1A
FOUR BEDROOM HOUSE 577.5 S.F. OF EFFECTIVE LEACHING
MLSS 18 X 1.75 X 1.0 = 31.5"
USE 11 MANTIS UNITS @ 11 SQ. FT. CREDIT
605 SQ. FT. OF EFFECTIVE AREA PROVIDED
B.O.T. NO DEEPER THAN 33" INTO EXISTING GRD.
1,250 GALLON SEPTIC TANK

THE INTENT OF THIS MAPPING IS TO SHOW PROPOSED SEPTIC AND WELL COMPLIANCE WITH THE PUBLIC HEALTH CODE AFTER LOT LINE REVISIONS
FINAL SITE PLAN FOR EACH LOT WILL BE SUBMITTED FOR BUILDING PERMITS.

SEPTIC AREA TOPOGRAPHY CLASS T-2
THIS SURVEY MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300d-1 THRU 20-300d-20 OF THE REGULATIONS OF STATE AGENCIES
"MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT"
AS ENDORSED BY THE CONN. ASSOC. OF LAND SURVEYORS, INC. IT IS A
IMPROVED LOCATION SURVEY BASED ON A DEPENDENT RESURVEY
CONFORMING TO CLASS A-2 STANDARDS.

TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP
IS SUBSTANTIALLY CORRECT AS NOTED HEREON

JOEL M. FULLER CT. L.S. NO. 14197

REFER TO A MAP ENTITLED "CONN. STATE HIGHWAY DEPARTMENT
RIGHT OF WAY MAP, TOWN OF EAST HAMPTON, YOUNG STREET FROM
THE HADDAM TOWN LINE NORTHERLY ABOUT 18,900 FEET, ROUTE NO.
196. SCALE: 1"=40', JAN. 31, 1941, #41-14, SHEET 6 OF 7."

REFER TO A MAP ENTITLED "SUBDIVISION PLAN PREPARED FOR
DAWN MARIE ANGEL, YOUNG STREET EAST HAMPTON, CONN.
SCALE: 1"=100', FEB. 14, 1997, CLASS A-2 SURVEY, FRANCIS E.
HAMM LAND SURVEYOR, COLCHESTER, CONN."

DELINEATED THE INLAND WETLAND AND WATERCOURSE BOUNDARY ON
THIS PROPERTY. I AM OF THE OPINION THAT THE WETLAND BOUNDARY
WHICH IS MARKED ON THE PROPERTY IS SHOWN CORRECTLY ON THIS MAP.

R. Richard Smarok
R. RICHARD SMAROK, CERTIFIED SOIL
SCIENTIST #1975

8/8/2019
DATE



191 JONES HOLLOW ROAD
MARLBOROUGH, CONN.
06447

LICENSED LAND SURVEYOR
860-670-1800