

LOT 2-3A

PERC. A PERFORMED 11/21/2019					PERC. B PERFORMED 11/21/2019				
NAIL DN 6" PRESOAK TIME 9:15 PM DEPTH HOLE 24"					NAIL DN 3" PRESOAK TIME 9:15 PM DEPTH HOLE 23"				
START TIME	DEPTH	TIME CHANGE	DEPTH CHANGE	MIN./IN.	START TIME	DEPTH	TIME CHANGE	DEPTH CHANGE	MIN./IN.
10:30	5-1/2"				10:32	7"			
10:35	9"				10:37	12-1/2"			
10:40	11"				10:42	15-1/4"			
10:45	12-3/4"				10:47	18"			
10:50	14"				10:52	19-1/2"	1-1/2"		3.33 MI
10:55	15"				10:57	DRY			
11:00	16"								
10:05	16-1/2"			10.0 MI					

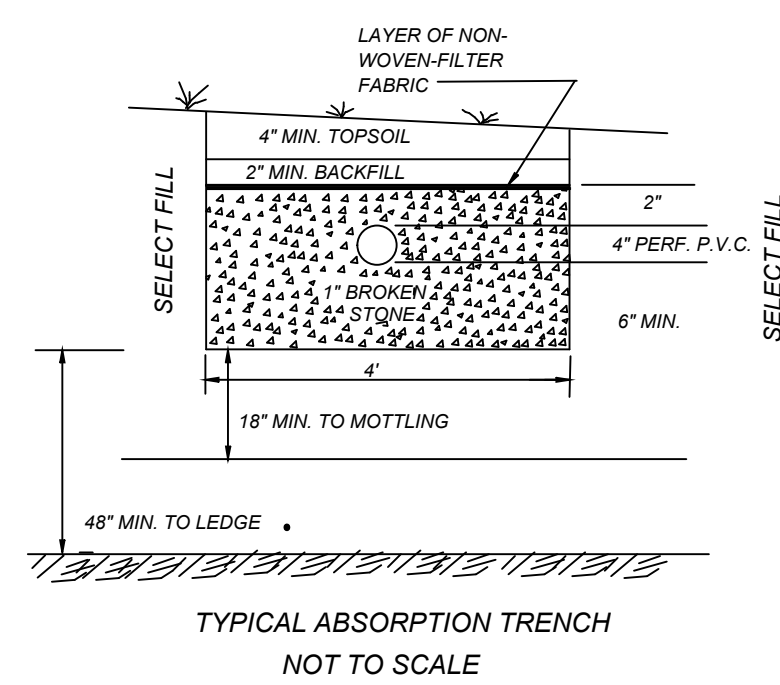
TEST PIT: 6	TEST PIT: 7
0"-5" Dark topsoil	0"-6" Dark topsoil
5"-22" Red-brown fine silt loam	6"-26" Brown fine sandy loam
22"-30" Light brown fine silty loam (firm)	26"-67" Mottled light brown sandy till, moderately compact grading to compact
30"-60" Moderately compact to compact mottled sandy till	
Mottles: 30"	Mottles: 25"
GW: None	GW: None
Ledge: No refusal	Ledge: No refusal
Roots: Most at 37"	Roots: N/A

0-6" Top Soil
6-29" Brown Sandy Loam
29-62" Moderately Compact Grey/Brown Sandy Till
26" Mottles 25" Roots

TP 8
0-6" Top Soil
6-34" Brown Sandy Loam
34-67" Moderately Compact Brown Sandy Hardpan
34" Mottles 38" Roots

3 BEDROOM HOUSE
495.0' SQ. FT. REQUIRED
504.0' PROVIDED

M.L.S.S.
M.L.S.S. = H.F. X F.F. X P.F.
= 54 X 1.75 X 1.0 = 84" < 84" OK



LOT 2-3B

PERC. C PERFORMED 11/21/2019					PERC. D PERFORMED 11/21/2019				
NAIL DN 6" PRESOAK TIME 9:15 PM DEPTH HOLE 23"					NAIL DN 6" PRESOAK TIME 9:18 DEPTH HOLE 24"				
START TIME	DEPTH	TIME CHANGE	DEPTH CHANGE	MIN./IN.	START TIME	DEPTH	TIME CHANGE	DEPTH CHANGE	MIN./IN.
11:40	4"				11:42	4"			
11:45	8-1/4"				11:47	7-1/4"			
11:50	10-1/2"				11:52	9"			
12:00	14"				12:02	12"			
12:10	15-1/2"	1-1/2"		6.66 MI	12:12	13-1/2"			
12:15	DRY				12:22	15"	6.66 MI		
					12:30	DRY			

DATE: 11/14/19

(Record all Test Pits)

TEST PIT: 1	TEST PIT: 2
0"-8" Topsoil	0"-3" Topsoil
8"-27" Dark orange brown fine sandy loam	3"-13" Orange brown fine sandy loam
27"-64" Light brown fine to medium sand with silt, mottled	13"-27" Light orange-brown loamy sand
	27"-67" Light brown fine to medium sand with silt, mottled (firm)
Mottles: 22"	Mottles: 20"
GW: None	GW: None
Ledge: No refusal	Ledge: 62"
Roots: 24"	Roots: Most at 24" some at 36"

TP 3

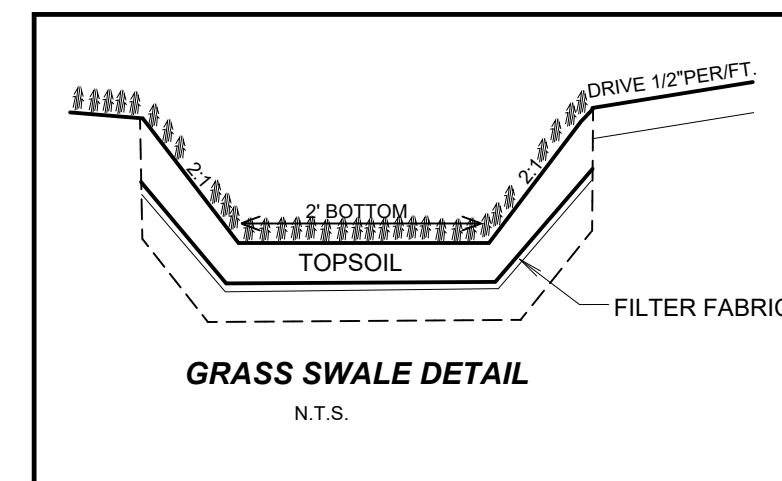
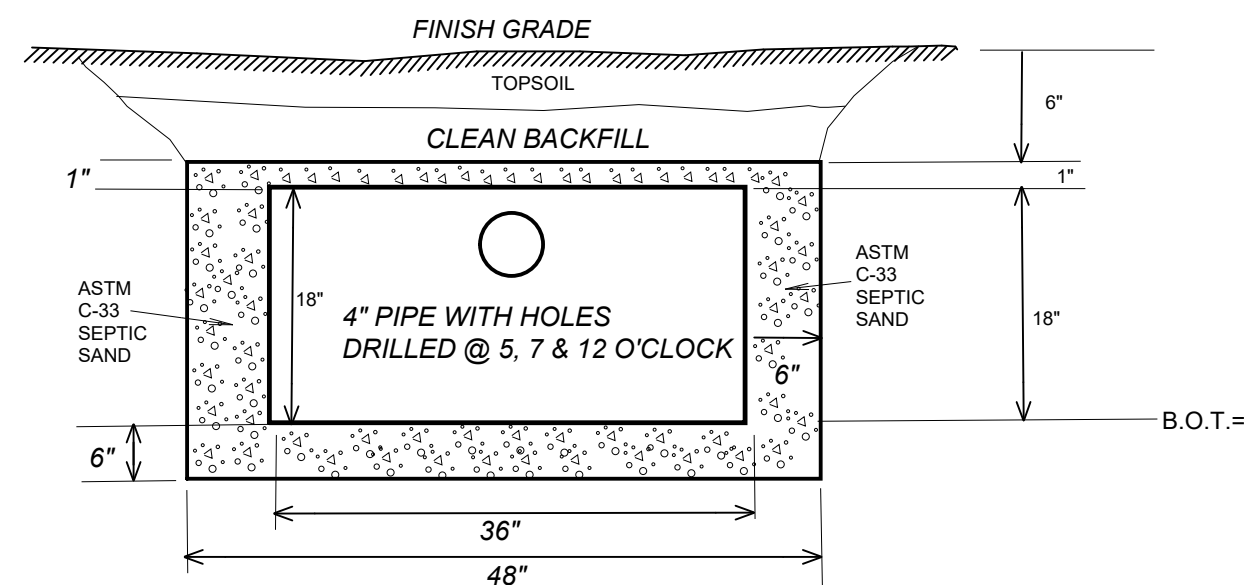
0-4" Top Soil
4-29" Brown fine Sandy Loam
29-64" Firm Brown Sandy Till
29" Mottles 30" Roots

TP 4

0-2" Top Soil
2-25" Brown Sandy Loam
25-62" Firm Brown Sandy Till
24" Mottles 21" Roots

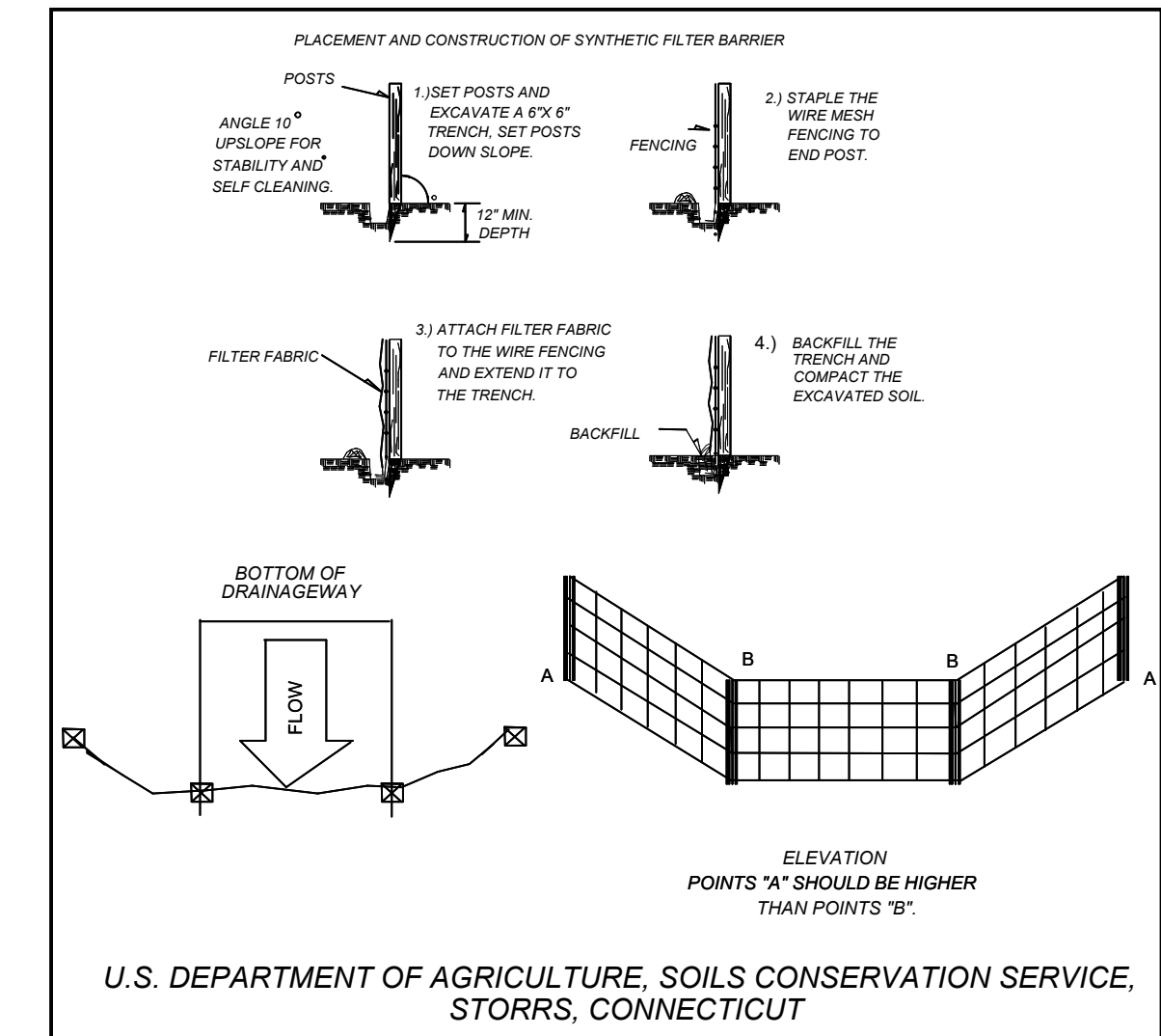
3 BEDROOM HOUSE
495 SQ. FT. REQUIRED
605 SQ. FT. PROVIDED

M.L.S.S.
M.L.S.S. = H.F. X F.F. X P.F.
= 34 X 1.5 X 1.0 = 51.0' < 55.0' OK



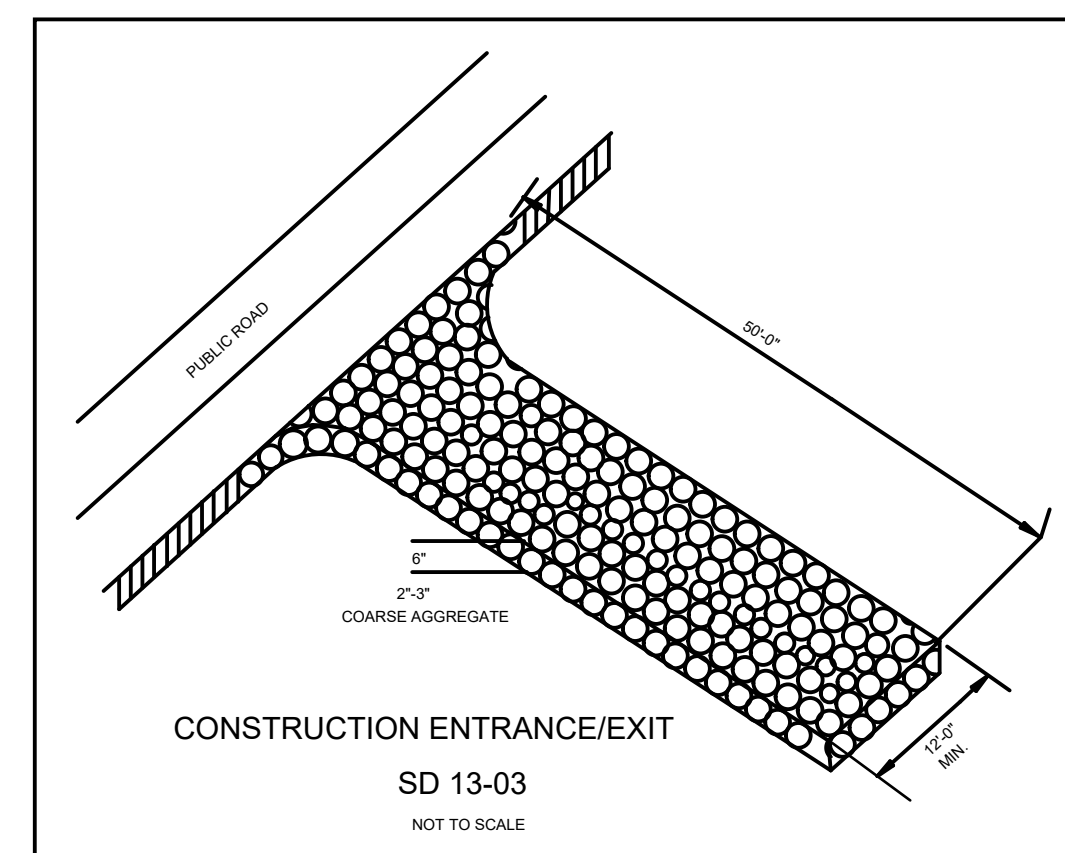
SEQUENCE OF ACTIVITY - HOUSE LOT DEVELOPMENT

- LIMIT OF DISTURBANCE.** Upon approval of individual site plan development, the limits of development shall be established in the field for each proposed structure. Disturbance limits shall be AS-SHOWN and shall be bounded by staked haybales, silt fence or wood chips.
- TREES CLEARED.** Trees shall be cleared and cut to length and stacked or removed from the site.
- EROSION CONTROLS.** Disturbed area shall be bounded by staked haybales or silt fence. All erosion controls, including silt fence and anti-tracking pad, shall be installed and inspected by the Land Use Planner/Zoned and Wetlands Agent PRIOR TO STUMPS BEING PULLED, GRUBBING, OR EXCAVATION. The Planner/Zoned and Wetlands Agent may modify the erosion control requirements based on field conditions so as to adequately control erosion and siltation from the site.
- DRIVEWAYS.** All driveway and driveway shoulders shall be stripped, graded as shown on plan, and gravelled. All driveway shoulders shall be stabilized immediately upon grading, either by diverting runoff, mulching, or seeding and mulching (depending on the season).
- TOPSOIL.** All topsoil shall be stripped and saved in an area as shown on the plan or as approved by the Planner and Wetlands Agent. Topsoil shall not be removed from the site except as in compliance with the Zoning Regulations.
- CONSTRUCTION AND DISTURBED AREA.** Excavation and construction shall commence following inspection and approval of erosion controls and construction of the driveway. The disturbed area shall be graded so as to contain runoff within the lot to the greatest extent possible.
- SITES IN WINTER.** When a site will be open during the winter months, rough grading and 4-8 inch mulching must occur prior to construction in order to minimize erosion and uncontrolled runoff during the winter months.
- DRAINS.** Foundation and curtain drains shall be installed as shown on the approved plan. ANY CHANGES TO THE LOCATION OF THE DRAINS OR THE ADDITION OF ANY DRAINS SHALL BE APPROVED BY THE PLANNER AND WETLANDS AGENT PRIOR TO INSTALLATION.
- COMPLETE SITE WORK.** Finish grading shall occur as soon as possible on all lots where there is potential for erosion and for degradation of wetlands and watercourses. Lots shall be finish graded, seeded with perennial grasses suitable for the respective amount of sun or shade and mulched prior to Certificate of Zoning Compliance.
- FINAL STABILIZATION.** EROSION CONTROLS SHALL BE MAINTAINED ON THE LOT AS LONG AS THEY ARE NEEDED TO CONTROL EROSION AND SEDIMENTATION.



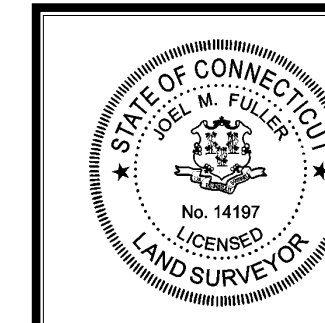
COMMON DRIVE NOTES:

- COMMON PORTION OF DRIVE TO HAVE A FINISHED DRIVING SURFACE OF 22' WIDE MIN.
- COMMON DRIVE TO HAVE A ROLLED GRAVEL BASE.
- COMMON DRIVE TO HAVE 3" THICK PROCESSED AGGREGATE BASE. DOT 3.04
- STREET NO.S SHALL BE POSTED FOR ALL DWELLINGS AT INTERSECTION OF COMMON DRIVE WITH PUBLIC HIGHWAY, AND POSTED FOR INDIVIDUAL DWELLINGS AT INTERSECTION OF DRIVES WITH ARROWS.
- STREET NO.S SHALL BE A MIN. OF 4' HIGH AND LOCATED FOR OPTIMUM VISIBILITY.



RE-SUBDIVISION
SOILS & EROSION CONTROL SHEET
ON LAND OF
PETER G. ENGEL JR.
& SHEILA B. ENGEL
#11 MARKHAM ROAD
EAST HAMPTON, CONNECTICUT

SCALE: AS-NOTED - DATE: 2/11/2020



JOEL M. FULLER

LICENSED LAND SURVEYOR
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MARLBOROUGH, CONN.
06447