

N/F STATE OF CONNECTICUT  
R.M. #28-16

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N/F JAY SCHIAVONE & MICHELLE MASCIA

N/F THOMAS F. & LAURENE COLLINS

N/F ROBERT & ROBBY COSTIGAN

R.M. #24-14  
RUI & RAQUEL DANTAS

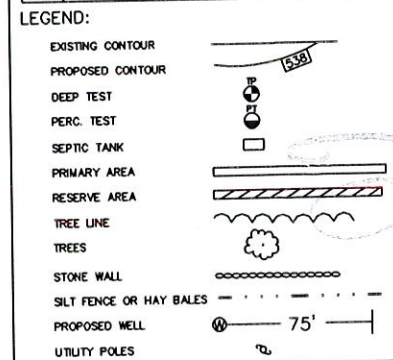
R.M. #24-14

DEEP TEST(S): A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U.  
CONDUCTED FEBRUARY 15, 2018

TEST	SOIL	LEDGE	WATER	MOIT.
A	0 - 8" TOPSOIL. 8" - 24" RED-BROWN BRUISS, FILLER 24" - 84" TAN MEDIUM TO FINE SAND CLAY SILTY. ROOTS TO 20"	NONE	NONE	NONE
B	0 - 12" TOPSOIL. 12" - 20" ORANGE-GROWN FINE SAND AND SILT 20" - 48" TAN FINE SAND, SILTY 48" - 84" BROWN FINE SILTY MCA. STONY CORNERS	NONE	NONE	42"
C	0 - 2" TOPSOIL. 2" - 48" FINE GRAY SAND UPPER SIDE FINE TAN SILTY LOWER SIDE	45"	NONE	NONE
D	0 - 12" TOPSOIL. 12" - 20" ORANGE-GROWN FINE SAND AND SILT 20" - 84" TAN BROWN FINE SILTY MCA. AND STONY.	NONE	NONE	NONE
E	0 - 10" TOPSOIL. 10" - 24" RED-BROWN BRUISS. 24" - 84" TAN BROWN FINE SILTY MCA. AND STONY.	NONE	65"	30"
F	0 - 20" TOPSOIL. 20" - 84" ORANGE-GROWN BRUISS. 84" - 84" TAN BROWN FINE SILTY MCA. AND STONY.	NONE	NONE	52"
G	0 - 8" TOPSOIL. 8" - 14" ORANGE-GROWN BRUISS. 14" - 24" TAN BROWN FINE SILTY MCA. AND STONY.	45"	NONE	NONE
H	0 - 14" TOPSOIL. 14" - 20" RED-BROWN BRUISS. 20" - 48" TAN SILTY STONY. ROOTS TO 20"	40"	NONE	NONE
I	0 - 10" TOPSOIL. 10" - 24" TAN SILTY BRUISS. LEADS UPPER SIDE 24" LEADS LOWER SIDE 20"	22"	NONE	NONE
J	0 - 8" TOPSOIL. 8" - 14" RED-BROWN BRUISS. 14" - 24" TAN BROWN FINE SILTY MCA. AND STONY.	51"	NONE	NONE
K	0 - 8" TOPSOIL. 8" - 14" RED-BROWN BRUISS. 14" - 24" TAN BROWN FINE SILTY MCA. AND STONY.	25"	NONE	NONE
L	0 - 8" TOPSOIL. 8" - 20" RED-BROWN BRUISS. 20" - 24" TAN BROWN FINE SILTY MCA. AND STONY.	51"	NONE	NONE
M	0 - 10" TOPSOIL. 10" - 24" RED-BROWN BRUISS. 24" - 48" TAN MEDIUM TO FINE SAND. SILTY WITH SMALL STONES. 18" - 84" TAN BROWN FINE SILTY MCA. AND STONY.	NONE	NONE	NONE

N	0 - 10" TOPSOIL. 10" - 24" RED-BROWN BRUISS. 24" - 84" TAN MEDIUM TO FINE SAND AND SILT	NONE	60"	NONE
O	0 - 8" TOPSOIL. 8" - 24" TAN MEDIUM TO FINE SAND AND SILT	NONE	NONE	NONE
P	0 - 10" TOPSOIL. 10" - 14" ORANGE-GROWN BRUISS. 14" - 24" TAN MEDIUM TO FINE SAND AND SILT. SIGNIFICANTLY COMPACT.	NONE	NONE	NONE
Q	0 - 2" TOPSOIL. 2" - 14" ORANGE-GROWN BRUISS. 14" - 24" TAN MEDIUM TO FINE SAND AND SILT. SIGNIFICANTLY COMPACT.	NONE	26"	NONE
R	0 - 8" TOPSOIL. 8" - 24" RED-BROWN BRUISS. 24" - 84" TAN MEDIUM TO FINE SAND. SILTY WITH SMALL STONES.	NONE	NONE	NONE
S	0 - 7" TOPSOIL. 7" - 14" ORANGE-GROWN BRUISS. 14" - 24" TAN MEDIUM TO FINE SAND. SILTY WITH SMALL STONES.	NONE	42"	NONE
T	0 - 8" TOPSOIL. 8" - 20" ORANGE-GROWN BRUISS. 20" - 24" TAN MEDIUM TO FINE SAND. SILTY WITH SMALL STONES.	NONE	NONE	NONE
U	0 - 10" TOPSOIL. 10" - 24" ORANGE-GROWN BRUISS. 24" - 84" TAN MEDIUM TO FINE SAND. SILTY WITH SMALL STONES.	NONE	80"	NONE

MINIMUM LEACHING SYSTEM SPREAD  
LOT MLSS HF X FF X PF = MLSS  
LOT -1- MLSS 18 X F1.75 X 1.25 = 39.4 FT.  
LOT -2- MLSS 24 X F1.75 X 1.25 = 52.5 FT.  
LOT -3- MLSS 20 X F1.75 X 1.25 = 43.7 FT.  
LOT -4- MLSS 18 X F1.75 X 1.25 = 39.4 FT.



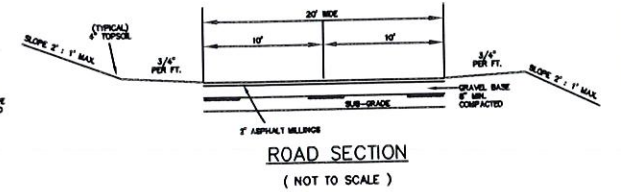
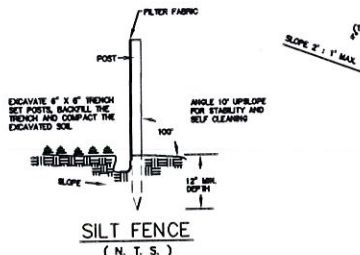
- NOTES:
- GRAVITY SEPTIC SYSTEMS ARE VIABLE ON ALL LOTS AS SUBDIVIDED.
  - OIL TANKS TO BE LOCATED INSIDE DWELLINGS.
  - TOPOGRAPHY FROM GIS AND FIELD SPOT ELEVATIONS, ASSUMED DATUM.
  - DRIVEWAYS TO CONFORM TO CURRENT TOWN REGULATIONS

HEMRAJ KHONA P. E. #9947  
20 TOPAZ LANE  
TRUMBULL, CONN. 06611  
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PERCOLATION TEST P-1	PERCOLATION TEST P-2	PERCOLATION TEST P-3	PERCOLATION TEST P-4	PERCOLATION TEST P-5	PERCOLATION TEST P-6	PERCOLATION TEST P-7	PERCOLATION TEST P-8	PERCOLATION TEST P-9	PERCOLATION TEST P-10
TIME READING DROP	TIME READING DROP	TIME READING DROP	TIME READING DROP	TIME READING DROP	TIME READING DROP	TIME READING DROP	TIME READING DROP	TIME READING DROP	TIME READING DROP
12:10 10.5" 1"	12:13 11.5" 2"	12:14 12.5" 4"	12:17 13.5" 2"	12:18 14.5" 4.5"	12:20 15.5" 3.5"	12:22 16.5" 3"	12:24 17.5" 2.5"	12:26 18.5" 2"	12:28 19.5" 1.5"
12:30 13.5" 0.5"	12:32 14.5" 0.5"	12:34 15.5" 0.5"	12:36 16.5" 0.5"	12:38 17.5" 0.5"	12:40 18.5" 0.5"	12:42 19.5" 0.5"	12:44 20.5" 0.5"	12:46 21.5" 0.5"	12:48 22.5" 0.5"
12:50 13.5" 0.5"	12:52 14.5" 0.5"	12:54 15.5" 0.5"	12:56 16.5" 0.5"	12:58 17.5" 0.5"	13:00 18.5" 0.5"	13:02 19.5" 0.5"	13:04 20.5" 0.5"	13:06 21.5" 0.5"	13:08 22.5" 0.5"
13:10 14.5" 0.5"	13:12 15.5" 0.5"	13:14 16.5" 0.5"	13:16 17.5" 0.5"	13:18 18.5" 0.5"	13:20 19.5" 0.5"	13:22 20.5" 0.5"	13:24 21.5" 0.5"	13:26 22.5" 0.5"	13:28 23.5" 0.5"
DEPTH 31" 1 HR. PRESOAK 1" / 20 MIN.	DEPTH 31" 1 HR. PRESOAK 1" / 20 MIN.	DEPTH 32" 1 HR. PRESOAK 1" / 6.7 MIN.	DEPTH 32" 1 HR. PRESOAK 1" / 6.7 MIN.	DEPTH 32" 1 HR. PRESOAK 1" / 6.7 MIN.	DEPTH 32" 1 HR. PRESOAK 1" / 6.7 MIN.	DEPTH 32" 1 HR. PRESOAK 1" / 10 MIN.	DEPTH 32" 1 HR. PRESOAK 1" / 10 MIN.	DEPTH 32" 1 HR. PRESOAK 1" / 10 MIN.	DEPTH 32" 1 HR. PRESOAK 1" / 10 MIN.

- EROSION AND SEDIMENT CONTROL PLAN
- LAND DISTURBANCE WILL BE KEPT TO A MINIMUM; RESTABILIZATION WILL BE SCHEDULED AS SOON AS PRACTICABLE.
  - HAYBALE FILTERS, OR SILT FENCE, WILL BE INSTALLED AT ALL CULVERT OUTLETS AND ALONG THE TOE OF ALL CRITICAL CUT AND FILL SLOPES AS SHOWN ON THE PLAN AND/OR AS DIRECTED BY THE TOWN ENGINEER.
  - CULVERT DISCHARGE AREAS WILL BE PROTECTED WITH RIP-RAP CHANNELS; ENERGY DISSIPATORS WILL BE PROVIDED AS NECESSARY.
  - CATCH BASINS WILL BE PROTECTED WITH HAYBALE FILTERS THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL ALL DISTURBED AREAS ARE THOROUGHLY STABILIZED. SAID HAYBALE FILTERS WILL BE MAINTAINED IN A WORKING CONDITION AT ALL TIMES.
  - ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE "EROSION AND SEDIMENT CONTROL HANDBOOK", U.S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, STORRS, CT. (2000)
  - EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED PRIOR TO CONSTRUCTION WHERE INDICATED ON THE SITE PLAN AS DIRECTED BY THE TOWN ENGINEER.
  - ALL CONTROL MEASURES WILL BE MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.
  - ADDITIONAL CONTROL MEASURES WILL BE INSTALLED DURING THE CONSTRUCTION PERIOD, IF NECESSARY, AS REQUIRED BY THE TOWN ENGINEER.
  - SEDIMENT REMOVED FROM CONTROL STRUCTURES WILL BE DISPOSED OF IN A MANNER WHICH IS CONSISTENT WITH THE INTENT OF THE PLAN.
  - MATTHEW MIHALY IS ASSIGNED THE RESPONSIBILITY FOR IMPLEMENTING THIS EROSION AND SEDIMENT CONTROL PLAN. THIS RESPONSIBILITY INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, NOTIFYING THE PLANNING AND ZONING OF ANY TRANSFER OF THIS RESPONSIBILITY, AND FOR CONVEYING A COPY OF THE EROSION AND SEDIMENT CONTROL PLAN IF THE TITLE TO THE LAND IS TRANSFERRED.

- IMPLEMENTATION SCHEDULE
- PRIOR TO ANY CONSTRUCTION, A PRE-CONSTRUCTION CONFERENCE IS TO BE HELD WITH THE DESIGN ENGINEER, THE OWNER, THE CONTRACTOR, AND THE TOWN ENGINEER TO REVIEW THE EROSION AND SEDIMENT CONTROL PLAN AND MEASURES TO BE TAKEN.
  - PRIOR TO THE LAND GRADING ACTIVITIES, ALL EROSION CONTROL MEASURES ASSOCIATED WITH THE CONSTRUCTION ARE TO BE INSTALLED AS DIRECTED BY THE DESIGN ENGINEER.
  - THE INDIVIDUAL LOT DEVELOPMENT PLANS ARE TO DETAIL PROPOSED EROSION CONTROL STRUCTURES, AND THESE MEASURES ARE TO BE INSTALLED PRIOR TO ANY CONSTRUCTION.
  - THE DESIGN ENGINEER WILL INSPECT THE ENTIRE SITE PRIOR TO ANY CONSTRUCTION AND EVERY 30 DAYS THEREAFTER AND ISSUE A REPORT AS REQUIRED TO THE OWNERS, THE TOWN OF OXFORD, AND THE DEPT. OF ENVIRONMENTAL PROTECTION INDICATING ADDITIONAL MEASURES TO MITIGATE SEDIMENTATION AND EROSION OF THE SITE.



SITE DEVELOPMENT  
SOIL EROSION & SEDIMENT CONTROL PLAN  
312 CHESTNUT TREE HILL ROAD  
IN OXFORD, CONN.  
FOR MATTHEW MIHALY  
MARCH 11, 2020  
SCALE: 1" = 40'