

**REFERENCE IS MADE TO**

- CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, MAY 2002.
- NATURAL RESOURCES CONSERVATION SERVICE WEB SOIL SURVEY NATIONAL COOPERATIVE SOIL SURVEY, SOIL MAP-STATE OF CONNECTICUT

**DEVELOPMENT**

PROPOSED DEVELOPMENT WILL ALLOW FOR THE CREATION OF 8 BUILDING LOTS ON 63.86 ACRES WITH ACCESS FROM UPPER PATTAGANSETT ROAD. THE LOTS WILL BE SERVED BY ON SITE WATER AND SEPTIC.

**GENERAL DEVELOPMENT PLAN**

PRIOR TO THE COMMENCEMENT OF OPERATIONS IN ACCORDANCE WITH ANY PERMIT ISSUES BY THE TOWN OF EAST LYME PLANNING AND ZONING COMMISSION, THE CONTRACTOR SHALL INSTALL ALL EROSION AND SEDIMENT CONTROL DEVICES. LOCATION OF THE EXTERIOR CLEARING LIMITS SHALL BE STAKED OUT BY A LICENSED SURVEYOR UNLESS OTHERWISE ALLOWED BY THE TOWN EROSION CONTROL AGENT.

THE CONTRACTOR SHALL OBTAIN A SITE INSPECTION FROM THE TOWN OF EAST LYME ZONING ENFORCEMENT OFFICER TO ENSURE THAT ALL EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED IN ACCORDANCE WITH THIS NARRATIVE, UPON CERTIFICATION WITH RESPECT TO THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES, THE CONTRACTOR MAY COMMENCE OPERATIONS PURSUANT TO THE PERMIT. EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE "FILTER BARRIER INSTALLATION & MAINTENANCE" AND THE "HAY BALE INSTALLATION & MAINTENANCE" SECTIONS OF THIS NARRATIVE.

ALL STRIPPING IS TO BE CONFINED TO THE IMMEDIATE CONSTRUCTION AREA. TOPSOIL SHALL BE STOCKPILED SO THAT SLOPES DO NOT EXCEED 3 TO 1. A HAY BALE SEDIMENT BARRIER IS TO SURROUND EACH STOCKPILE AND A TEMPORARY VEGETATIVE COVER PROVIDED IF NECESSARY.

DUST CONTROL WILL BE ACCOMPLISHED BY SPRAYING WITH WATER.

THE PROPOSED PLANTING SCHEDULE IS TO BE ADHERED TO DURING THE PLANTING OF DISTURBED AREAS THROUGHOUT THE PROPOSED CONSTRUCTION SITE.

FINAL STABILIZATION OF THE SITE IS TO FOLLOW THE PROCEDURES OUTLINED IN PERMANENT VEGETATIVE COVER. IF NECESSARY A TEMPORARY VEGETATIVE COVER IS TO BE PROVIDED UNTIL A PERMANENT COVER CAN BE APPLIED.

DURING THE STABILIZATION PERIOD, ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN PROPER WORKING ORDER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING ALL EROSION AND SEDIMENT CONTROL ON A TWICE-WEEKLY BASIS DURING THE STABILIZATION PERIOD AND AFTER EACH STORM EVENT. DURING THE STABILIZATION PERIOD WITH RESPECT TO THE SITE, ANY EROSION WHICH OCCURS WITHIN DISTURBED AREAS SHALL BE IMMEDIATELY REPAIRED, RE-SEEDING AND REESTABLISHED.

ONCE STABILIZATION HAS BEEN COMPLETED AND CERTIFICATION THEREOF OBTAINED IN WRITING FROM THE ZONING ENFORCEMENT OFFICER OF THE TOWN OF EAST LYME, EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED BY THE CONTRACTOR.

IT IS THE CONTRACTORS RESPONSIBILITY TO UNDERSTAND ALL ASPECTS OF ALL CONSTRUCTION ELEMENTS/DESIGNS, AS WELL AS THE EROSION & SEDIMENTATION CONTROL PLANS. SHOULD THE CONTRACTOR NOT UNDERSTAND ANY ASPECTS IT IS HIS/HER RESPONSIBILITY TO SEEK CLARIFICATION FROM THE APPROPRIATE AUTHORITY.

ANY REQUIRED BLASTING FOR PUBLIC OR LOT DEVELOPMENT SHALL REQUIRE A PRE-BLAST CONDITION SURVEY FOR, AT A MINIMUM, FOR ALL PROPERTIES ABUTTING THE AREA TO BE BLASTED. PER CT. STATUTE, THE FIRE MARSHAL SHALL MAKE ALL FINAL DETERMINATIONS ON REQUIREMENTS FOR PRE-BLAST CONDITIONS SURVEY.

**SEQUENCE OF CONSTRUCTION & CONTRACTORS RESPONSIBILITY**

IT IS ANTICIPATED THAT THE DEVELOPMENT WILL BEGIN WINTER/SPRING OF 2022. PRIOR TO THE START OF CONSTRUCTION THE DEVELOPER IS TO SCHEDULE A PRE-CONSTRUCTION MEETING WITH TOWN STAFF, THE CONTRACTOR AND PROJECT ENGINEER TO DISCUSS IMPORTANT SITE ISSUES INCLUDING SCHEDULING, SITE ACCESS, CONSTRUCTION METHODS, AND INSPECTIONS PROCEDURES.

THE PROPOSED EROSION AND SEDIMENTATION CONTROLS HAVE BEEN DEVELOPED SPECIFICALLY WITH THE INTENT TO PRESERVE WATER QUALITY THROUGHOUT THE CONSTRUCTION PROCESS. ALL PROPOSED MEASURES SHOULD BE VIEWED BY THE CONTRACTOR AS A MINIMUM, AND IN NO CASE SHALL THEY BE TREATED AS A COMPLETE SOLUTION. ALL E&S PLANS ARE HIGHLY DEPENDENT ON CONSTRUCTION PRACTICES AND WEATHER EVENTS THAT ARE BEYOND THE CONTROL OF ANY PLAN. THE CONTRACTOR IS REQUIRED TO TAKE ANY AND ALL MEASURES TO CONTROL WATER QUALITY WITH RESPECT TO EROSION AND SEDIMENTATION THAT MAY AFFECT RESOURCES OR DOWN GRADIENT PROPERTIES. ALL CLEARING FOR PHASES INTENDED TO BE MINIMUM NEEDED FOR CURRENT CONSTRUCTION. THE CONTRACTOR SHALL BE ESPECIALLY CAREFUL TO AVOID SIGNIFICANT DISTURBANCE OF PROPOSED SEPTIC SYSTEM AREAS DURING CONSTRUCTION. SIGNIFICANT DISTURBANCE OF THESE AREAS MAY NEGATIVELY IMPACT THE VIABILITY OF THE LOT WHICH, IS DISTURBED SHALL BE THE CONTRACTORS LIABILITY. THE CONTRACTOR SHALL MAKE WEEKLY INSPECTIONS OF ALL DISTURBED AREAS AND CONTROL ELEMENTS AS WELL AS AFTER ANY RAINFALL OF 1/2" OR MORE AND SHALL MAINTAIN REPAIR OR REPLACE AS NEEDED.

**CONSTRUCTION STAKE OUTS, AS-BUILTS AND INSPECTIONS**

- ALL UTILITIES, PUBLIC AND PRIVATE, AS WELL AS ALL STORM WATER BASINS AND STRUCTURES MUST BE STAKED OUT BY A LICENSED CT SURVEYOR.
- AS-BUILTS ARE REQUIRED FOR ALL UTILITIES, BASINS AND STRUCTURES AND MUST BE COMPLETED BY A CT LICENSED SURVEYOR. UNDERGROUND UTILITIES ARE TO BE LOCATED PRIOR TO BEING BACK FILLED.
- STORMWATER BASINS SHALL ALSO REQUIRE INSPECTION AND CERTIFICATION BY THE DESIGN ENGINEER.
- THE TOWN OF EAST LYME WILL ALSO REQUIRE TOWN INSPECTIONS FOR MANY COMPONENTS WHICH THE CONTRACTOR AND OWNER MUST COORDINATE WITH THE TOWN

**FILTER BARRIER INSTALLATION & MAINTENANCE**

- DIG A 6" TRENCH ON THE UPHILL SIDE OF THE BARRIER LOCATION.
- POSITION THE POSTS ON THE DOWNHILL SIDE OF THE BARRIER AND DRIVE THE POST 1.5 FEET INTO THE GROUND.
- LAY THE BOTTOM 6" OF THE FABRIC IN THE TRENCH TO PREVENT UNDERMINING AND BACKFILLED.
- INSPECT AND REPAIR BARRIER AFTER HEAVY RAINFALL.
- SEDIMENT DEPOSITS ARE TO BE REMOVED WHEN THEY REACH A HEIGHTS OF ONE FOOT BEHIND THE BARRIER AND ARE TO BE DEPOSITED IN AN AREA WHICH IS NOT REGULATED BY THE INLAND WETLANDS COMMISSION.
- INSPECTIONS AND NECESSARY REPAIRS WILL BE MADE TWICE WEEKLY.

**HAY BALE INSTALLATION & MAINTENANCE**

- BALES SHALL BE PLACED AROUND ALL PROPOSED CATCH BASINS WITH THE ENDS TIGHTLY ABUTTING EACH OTHER.
- EACH BALE SHALL BE SECURELY ANCHORED WITH AT LEAST 2 STAKES AND GAPS BETWEEN BALES SHALL BE WEDGED WITH STRAW TO PREVENT WATER FROM PASSING BETWEEN THE BALES.
- INSPECT BALES AFTER EACH STORM AND REPAIR OR REPLACE PROMPTLY AS NEEDED. REMOVE SEDIMENT BEHIND THE BALES WHEN IT HAS REACHED HALF THE HEIGHT AND DEPOSIT IN AN AREA WHICH IS NOT REGULATED BY THE INLAND WETLAND COMMISSION.
- INSPECTIONS AND NECESSARY REPAIRS WILL BE MADE TWICE WEEKLY.

**TEMPORARY VEGETATIVE COVER**

A TEMPORARY SEEDING OF RYE GRASS WILL BE COMPLETED WITHIN 15 DAYS OF THE FORMATION OF STOCKPILES. IF THE SOIL IN THE STOCKPILES HAS BEEN COMPACTED BY CONSTRUCTION OPERATORS IT SHALL BE LOOSENED TO A DEPTH OF 2 INCHES BEFORE THE FERTILIZER, LIME AND SEED IS APPLIED. 10-10-10 FERTILIZER AT A RATE OF 7.5 POUNDS PER 1000 S.F. LIME AT A RATE OF 90 LBS PER 1000 S.F. SHALL BE USED. RYE GRASS COVER APPLIED AT A RATE OF 1 LB. PER 1000 S.F. SHALL PROVIDE THE TEMPORARY VEGETATIVE COVER. STRAW FREE FROM WEEDS AND COARSE MATTER SHALL BE USED AT A RATE OF 70-90 LBS. PER 1000 S.F. AS A TEMPORARY MULCH. APPLY MULCH AND DRIVE TRACKED EQUIPMENT UP AND DOWN SLOPE OVER ENTIRE SURFACE SO CLEAT MARKS ARE PARALLEL TO THE CONTOURS.

**PERMANENT VEGETATIVE COVER**

TOPSOIL WILL BE REPLACED ONCE THE EXCAVATION HAS BEEN COMPLETED AND THE SLOPES ARE GRADED TO A SLOPE NO GREATER THAN 2.5 TO 1. PROVIDE SLOPE PROTECTIONS ON ALL CUT SLOPES. TOPSOIL WILL BE SPREAD AT A MINIMUM COMPACTED DEPTH OF 4 INCHES. ONCE THE TOPSOIL HAS BEEN SPREAD, ALL STONES TWO INCHES OR LARGER IN ANY DIMENSION WILL BE REMOVED AS WELL AS DEBRIS. APPLY AGRICULTURAL GROUND LIME AT THE RATE OF TWO TONS PER ACRE OR 100 LBS. PER 1000 S.F. APPLY 10-10-10 FERTILIZER OR EQUIVALENT AT A RATE OF 300 LBS. PER ACRE OR 7.5 LBS. PER S.F. WORK LIME AND FERTILIZER INTO THE SOIL TO A DEPTH OF 4 INCHES. INSPECT SEEDBED BEFORE SEEDING. IF TRAFFIC HAS COMPACTED THE SOIL, RETILL COMPACTED AREAS. APPLY THE FOLLOWING GRASS SEED MIX:

SEED MIXTURE	LB./ACRE	LBS./1000 S.F.
KENTUCKY BLUEGRASS	20	0.45
CREeping RED FESCUE	20	0.45
PERENNIAL RYEGRASS	5	0.10
	45	1.00

THE RECOMMENDED SEEDING DATES ARE:

APRIL 1 - JUNE 5 AND AUGUST 1 - SEPTEMBER 15

FOLLOWING SEEDING, FIRM SEED BED WITH A ROLLER, MULCH WITH WEED FREE STRAW IMMEDIATELY FOLLOWING SEEDING. IF A PERMANENT VEGETATIVE STAND CANNOT BE ESTABLISHED BY SEPTEMBER 30, APPLY A TEMPORARY COVER ON THE TOPSOIL.

**NOTES**

- ALL EXISTING UTILITIES ARE APPROXIMATE ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL LOCATIONS PRIOR TO CONSTRUCTION. "CALL BEFORE YOU DIG" SHALL BE NOTIFIED AT LEAST 5 DAYS PRIOR TO ANY CONSTRUCTION. (1-800-922-4455)
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL APPLICABLE PERMITS, PRIOR TO CONSTRUCTION. ARRANGEMENTS WITH THE TOWN PLANNING AND ZONING, AND CONSERVATION DEPARTMENTS SHALL BE MADE FOR A PRE-CONSTRUCTION MEETING. SAID MEETING SHALL BE AT LEAST 48 HOURS IN ADVANCE OF ANY CONSTRUCTION ACTIVITY. THE CONTRACTORS, ON SITE SUPERVISOR, AS WELL AS THE APPLICANT SHALL BE PRESENT AT SAID MEETING.
- CONTRACTOR SHALL MEET ALL STATE AND LOCAL REQUIREMENTS FOR BLASTING AND OTHER DEBRIS. ROADS SHALL BE INSPECTED AND CLEANED AT A MINIMUM OF ONCE DAILY. TRUCKS ENTERING OR LEAVING THE SITE WITH MATERIAL LOADS SHALL MAINTAIN COVERS OVER THEIR LOADS.
- UNDERGROUND UTILITIES ARE REQUIRED PER EAST LYME SUBDIVISION REGULATIONS.

TEST PIT 6-1 DEPTH 96"  
0-6" LEAF LITTER & TOPSOIL  
6-27" LIGHT ORANGE BROWN MED-COARSE SANDY LOAM  
27-96" LIGHT YELLOW TO GRAY BROWN MED-COARSE SANDY LOAM  
ROOTS @ 91"  
NO REFUSAL  
NO GROUND WATER  
NO REDOX

TEST PIT 6-2 DEPTH 92"  
0-6" LEAF LITTER & TOPSOIL  
6-23" LIGHT ORANGE BROWN FINE SANDY LOAM  
23-92" LIGHT YELLOW TO GRAY BROWN MED-COARSE SANDY LOAM, TRACE GRAVEL  
NO GROUND WATER  
NO REDOX

TEST PIT 7-1 DEPTH 78"  
0-6" TOPSOIL  
6-26" LIGHT BROWN FINE SANDY LOAM  
26-78" COARSE SAND & GRAVEL (APPROX. 40% GRAVEL)  
REFUSAL @ 78" (LARGE BOULDER ?)  
ROOTS TO 53"  
NO GROUND WATER  
NO REDOX

TEST PIT 7-2 DEPTH 78"  
0-6" TOPSOIL  
6-7" TOPSOIL  
7-28" LIGHT BROWN FINE SANDY LOAM  
28-78" COARSE SAND & GRAVEL (APPROX. 40% GRAVEL)  
ROOTS TO 50"  
NO GROUND WATER  
NO REDOX

TEST PIT 8-1 DEPTH 80"  
0-7" LEAF LITTER & TOPSOIL  
7-40" LIGHT YELLOW BROWN VERY FINE SILTY SAND  
40-74" COARSE SAND & GRAVEL (APPROX. 40% GRAVEL)  
STANDING WATER @ 74"  
ROOTS TO 67"  
NO REFUSAL  
REDOX @ 33"

TEST PIT 8-2 DEPTH 75"  
0-6" LEAF LITTER & TOPSOIL  
6-41" YELLOW BROWN FINE SILTY SAND  
41-65" COARSE SAND & GRAVEL (APPROX. 50% GRAVEL)  
STANDING WATER @ 65"  
ROOTS TO 43"  
REDOX @ 34"

TEST PIT 9-1 DEPTH 65"  
0-11" LEAF LITTER & TOPSOIL  
11-50" LIGHT BROWN FINE SAND LOAM  
NO REFUSAL  
REDOX @ 37"

TEST PIT 9-2 DEPTH 50"  
0-9" LEAF LITTER & TOPSOIL  
9-25" YELLOW BROWN FINE SANDY LOAM  
STANDING WATER @ 25"  
ROOTS TO WATERLINE  
NO REFUSAL  
NO APPARENT REDOX ABOVE WATER LINE  
\*STAND PIPES OR ADDITIONAL TEST PITS IN ALT. LOCATION

TEST PIT 9-3 DEPTH 60"  
0-6" TOPSOIL  
6-26" BR. FINE SANDY LOAM  
26-60" LT. BR. LOAMY FINE-MED. SAND W/GRAVEL  
COBBLES, LG. ANGULAR STONES, SOME NESTED BOULDERS

TEST PIT 10-1 DEPTH 81"  
0-9" LEAF LITTER & TOPSOIL  
9-16" ORANGE BROWN FINE SANDY LOAM  
16-32" YELLOW BROWN FINE SANDY LOAM  
32-52" GRAY BROWN FINE SILTY SAND - MOTTLED  
52-81" COMPACT YELLOW TO GRAY BROWN MED-COARSE SAND, TRACE GRAVEL  
MANY ROCKS  
ROOTS TO 48"  
NO REFUSAL  
NO GROUND WATER  
REDOX @ 36"

TEST PIT 10-2 DEPTH 78"  
0-10" LEAF LITTER & TOPSOIL  
10-23" ORANGE BROWN FINE SANDY LOAM  
23-39" YELLOW BROWN FINE SANDY LOAM  
39-78" YELLOW BROWN FINE SAND WITH GRAVEL  
ROOTS TO 42"  
NO GROUND WATER  
NO REFUSAL  
REDOX @ 39"

TEST PIT 11-1 DEPTH 68"  
0-8" LEAF LITTER & TOPSOIL  
8-22" ORANGE BROWN FINE SANDY LOAM  
22-68" LIGHT YELLOW TO GRAY BROWN MED-COARSE SAND, TRACE GRAVEL  
MANY ROCKS PRESENT  
ROOTS TO 58"  
REFUSAL @ 68" ?  
NO REDOX

TEST PIT 11-2 DEPTH 69"  
0-9" LEAF LITTER & TOPSOIL  
9-23" ORANGE BROWN FINE SANDY LOAM  
23-69" LIGHT YELLOW TO GRAY BROWN MED-COARSE SAND, TRACE GRAVEL  
COMPACT @ 47" (RESTRICTIVE)  
NO GROUND WATER  
NO REDOX  
POSSIBLE REFUSAL @ 69"  
MANY ROCKS PRESENT

SITE TESTING APRIL 17 - 18, 2019  
121 UPPER PATTAGANSETT ROAD EAST LYME  
WITNESSED BY DANIELLE HOLMES SANITARIAN  
EDGE LIGHT HEALTH DISTRICT

TEST PIT 1-1 DEPTH 95"  
0-8" LEAF LITTER & TOPSOIL  
8-27" LIGHT YELLOW BROWN FINE SANDY LOAM  
27-95" COARSE SAND & GRAVEL  
NO GROUND WATER  
NO REFUSAL  
ROOTS TO 65"  
REDOX @ 29" (NOT GROUND WATER)

TEST PIT 1-2 DEPTH 95"  
0-9" LEAF LITTER & TOPSOIL  
9-30" LIGHT YELLOW BROWN FINE SANDY LOAM  
30-95" COARSE SAND & GRAVEL (APPROX. 25% GRAVEL)  
ROOTS TO 70"  
NO GROUND WATER  
NO REFUSAL  
REDOX @ 24-30" (NOT GROUND WATER)

TEST PIT 2-1 DEPTH 87"  
0-6" TOPSOIL  
6-41" YELLOW BROWN FINE SANDY LOAM  
41-87" COARSE SAND & GRAVEL (APPROX 25% GRAVEL)  
ROOTS TO 54"  
NO GROUND WATER  
NO REFUSAL  
REDOX @ 34"

TEST PIT 2-2 DEPTH 93"  
0-8" LEAF LITTER & TOPSOIL  
8-27" LIGHT BROWN FINE SANDY LOAM  
27-93" COARSE SAND & GRAVEL (APPROX. 60% GRAVEL)  
ROOTS TO 60"  
NO GROUND WATER  
NO REFUSAL  
NO REDOX

TEST PIT 3-1 DEPTH 87"  
0-16" LEAF LITTER & TOPSOIL  
16-52" YELLOW BROWN FINE SANDY LOAM  
52-87" COARSE SAND & GRAVEL (APPROX 30% GRAVEL)  
ROOTS TO 65"  
NO GROUND WATER  
NO REFUSAL  
NO REDOX

TEST PIT 3-2 DEPTH 85"  
0-10" LEAF LITTER & TOPSOIL  
10-47" YELLOW BROWN FINE SILTY SAND  
47-85" COARSE SAND & GRAVEL (APPROX. 25% GRAVEL)  
ROOTS TO 78"  
NO GROUND WATER  
NO REFUSAL  
REDOX @ 47"

TEST PIT 4-1 DEPTH 95"  
0-7" LEAF LITTER & TOPSOIL  
7-53" LIGHT YELLOW BROWN FINE SANDY LOAM  
53-95" COMPACT GRAY BROWN MED-COARSE SAND TRACE GRAVEL  
NO GROUND WATER  
NO REFUSAL  
COMPACT @ 60"  
ROOTS TO 56"  
REDOX @ 54"

TEST PIT 4-2 DEPTH 93"  
0-6" LEAF LITTER & TOPSOIL  
6-27" ORANGE BROWN SANDY LOAM  
27-93" LIGHT YELLOW TO GRAY BROWN MED. COARSE SANDY LOAM  
ROOTS TO 82"  
NO GROUND WATER  
NO REFUSAL  
NO REDOX

TEST PIT 5-1 DEPTH 88"  
0-5" LEAF LITTER & TOPSOIL  
5-36" ORANGE BROWN VERY FINE SILTY LOAM  
36-88" COARSE SAND & GRAVEL (APPROX. 40% GRAVEL)  
NO REFUSAL  
ROOTS TO 52"  
NO GROUND WATER  
NO REDOX

TEST PIT 5-2 DEPTH 100"  
0-8" TOPSOIL  
8-61" LIGHT YELLOW TO LIGHT GRAY BROWN VERY FINE SILTY SAND, MOTTLED  
61-100" BROWN COARSE SAND & GRAVEL (APPROX. 25% GRAVEL)  
ROOTS TO 70"  
NO GROUND WATER  
NO REFUSAL  
REDOX @ 32"

PERC TEST 1A

TIME	MEAS. (IN)	DRIP (IN)	DEPTH (IN)
11:15	18 3/4	-	-
11:20	20 1/8	1 3/8	1.50
11:25	21 1/8	2 1/8	2.86
11:30	23 1/4	3 3/4	3.64
11:35	24 3/8	4 1/8	4.44
11:40	25 1/4	5 1/8	5.31
11:45	26 3/8	6 1/8	6.14
11:50	HOLE DRY	-	-

PERC TEST 1B

TIME	MEAS. (IN)	DRIP (IN)	DEPTH (IN)
11:17	13 3/4	-	-
11:22	15 1/4	1 1/2	1.11
11:27	20 1/2	2 1/4	2.22
11:32	22 1/4	3 1/4	3.11
11:37	22 3/8	3 3/8	3.44
11:42	HOLE DRY	-	-

PERC TEST 2A

TIME	MEAS. (IN)	DRIP (IN)	DEPTH (IN)
11:37	12 1/4	-	-
11:42	15	1 3/4	1.33
11:47	18 1/4	2 3/4	2.67
11:52	21 1/2	3 1/4	3.22
11:57	23 3/4	4 1/4	3.89
12:02	HOLE DRY	-	-

PERC TEST 2B

TIME	MEAS. (IN)	DRIP (IN)	DEPTH (IN)
11:39	9 1/4	-	-
11:44	15 1/8	1 5/8	1.88
11:49	18	2 1/8	2.14
11:54	20	3	2.30
11:59	21 3/4	3 3/4	2.86
12:04	22 1/8	3 1/8	3.44
12:09	24	4 1/8	4.44
12:14	25	5	5.00
12:19	HOLE DRY	-	-

PERC TEST 3A

TIME	MEAS. (IN)	DRIP (IN)	DEPTH (IN)
12:19	12 1/2	-	-
12:24	15 1/4	2 3/4	1.82
12:29	18 3/8	3 3/8	3.08
12:34	18 3/4	3 3/4	3.22
12:39	19 7/8	4 1/8	4.44
12:44	21	4 1/2	4.44
12:49	21 7/8	5 1/8	5.71
12:54	22 3/4	5 3/4	5.71
12:59	24 1/8	6 1/8	6.43
1:04	24 3/8	6 3/8	6.43
1:09	25 1/8	7 1/8	7.00
1:14	25 1/2	7 1/2	7.50

PERC TEST 3B

TIME	MEAS. (IN)	DRIP (IN)	DEPTH (IN)
12:19	12 1/2	-	-
12:24	15 1/4	2 3/4	1.82
12:29	18 3/8	3 3/8	3.08
12:34	18 3/4	3 3/4	3.22
12:39	19 7/8	4 1/8	4.44
12:44	21	4 1/2	4.44
12:49	21 7/8	5 1/8	5.71
12:54	22 3/4	5 3/4	5.71
12:59	24 1/8	6 1/8	6.43
1:04	24 3/8	6 3/8	6.43
1:09	25 1/8	7 1/8	7.00
1:14	25 1/2	7 1/2	7.50

PERC TEST 4A

TIME	MEAS. (IN)	DRIP (IN)	DEPTH (IN)
12:19	12 1/2	-	-
12:24	15 1/4	2 3/4	1.82
12:29	18 3/8	3 3/8	3.08
12:34	18 3/4	3 3/4	3.22
12:39	19 7/8	4 1/8	4.44
12:44	21	4 1/2	4.44
12:49	21 7/8	5 1/8	5.71
12:54	22 3/4	5 3/4	5.71
12:59	24 1/8	6 1/8	6.43
1:04	24 3/8	6 3/8	6.43
1:09	25 1/8	7 1/8	7.00
1:14	25 1/2	7 1/2	7.50

PERC TEST 4B

TIME	MEAS. (IN)	DRIP (IN)	DEPTH (IN)
12:19	12 1/2	-	-
12:24	15 1/4	2 3/4	1.82
12:29	18 3/8	3 3/8	3.08
12:34	18 3/4	3 3/4	3.22
12:39	19 7/8	4 1/8	4.44
12:44	21	4 1/2	4.44
12:49	21 7/8	5 1/8	5.71
12:54	22 3/4	5 3/4	5.71
12:59	24 1/8	6 1/8	6.43
1:04	24 3/8	6 3/8	6.43
1:09	25 1/8	7 1/8	7.00
1:14	25 1/2	7 1/2	7.50

PERC TEST 5A

TIME	MEAS. (IN)	DRIP (IN)	DEPTH (IN)
12:19	12 1/2	-	-
12:24	15 1/4	2 3/4	1.82
12:29	18 3/8	3 3/8	3.08
12:34	18 3/4	3 3/4	3.22
12:39	19 7/8	4 1/8	4.44
12:44	21	4 1/2	4.44
12:49	21 7/8	5 1/8	5.71
12:54	22 3/4	5 3/4	5.71
12:59	24 1/8	6 1/8	6.43
1:04	24 3/8	6 3/8	6.43
1:09	25 1/8	7 1/8	7.00
1:14	25 1/2	7 1/2	7.50

PERC TEST 5B

TIME	MEAS. (IN)	DRIP (IN)	DEPTH (IN)
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