

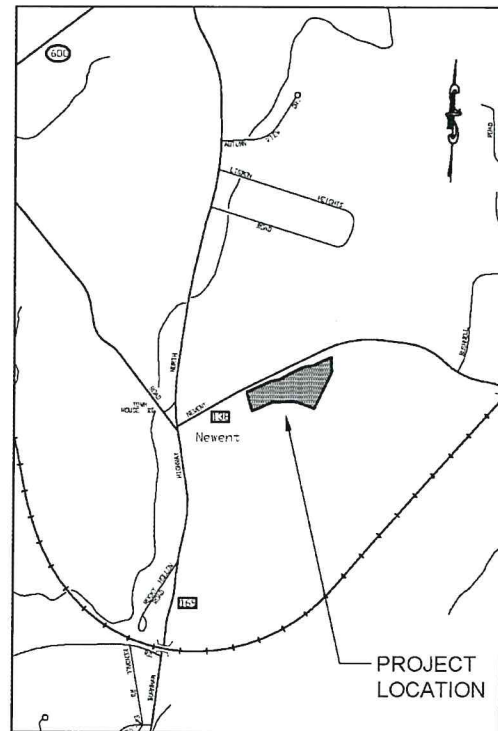
CONTRACTOR SEQUENCE OF WORK

1. MOBILIZATION.
2. INSTALLATION OF EROSION & SEDIMENTATION CONTROLS.
3. INSTALLATION OF SAFETY BARRIER.
4. INSTALLATION OF TEMPORARY SEDIMENTATION BASIN & SWALES.
5. CLEARING & GRUBBING.
6. STRIPPING AND STOCKPILING TOPSOIL.
7. ESTABLISHMENT OF SUBGRADE PER SHEET 3 OF DRAWINGS -- EARTHWORK/LEDGE REMOVAL AS NEEDED.
8. OWNER TO VERIFY SUBGRADE ELEVATIONS BY FIELD SURVEY.
9. ESTABLISHMENT OF GRADES PER SHEET 4 OF DRAWINGS INCLUDING INSTALLATION OF CONTROLLED STRUCTURAL FILL IN COMPACTED LIFTS AND GENERAL FILL.
10. INSTALLATION OF STORM DRAINAGE.
11. INSTALLATION OF RETAINING WALL AND FENCING.
12. FINAL RESTORATION OF SITE PER SHEET 5 OF DRAWINGS INCLUDING FINAL GRADING OF SWALES, PONDS AND EMBANKMENTS.
13. OWNER TO VERIFY FINAL GRADES BY FIELD SURVEY.
14. INSTALLATION OF TOPSOIL, SEED, AND MULCH ON STORMWATER POND, RIP-RAP SPILLWAY, RIP-RAP CHECK DAMS, SWALES AND DISTURBED AREAS BEYOND FUTURE BUILDING AND PAVEMENTS.
15. INSTALLATION OF RIP-RAP EMBANKMENT AS NEEDED.
16. REMOVAL OF EXCESS MATERIAL.
17. REMOVAL OF EROSION AND SEDIMENTATION CONTROLS, SAFETY BARRIER AND DEMOBILIZATION.

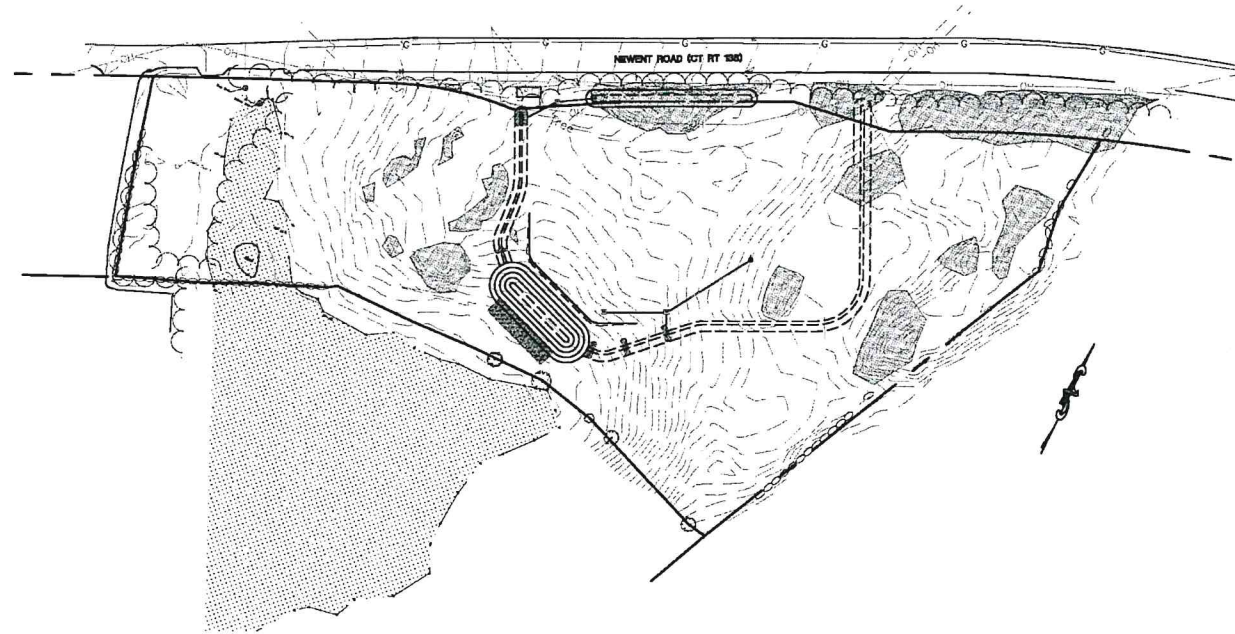
LISBON FIRE STATION SITE PREPARATION 25 NEWENT ROAD (ROUTE 138) TOWN OF LISBON

GENERAL NOTES:

1. PRIOR TO BIDDING THE PROJECT, THE CONTRACTOR SHALL VISIT THE SITE TO VERIFY EXISTING CONDITIONS.
2. EXISTING GROUND LINE AS SHOWN ON THESE PLANS IS BASED ON FIELD SURVEY PERFORMED BY CLA ENGINEERS INC.
3. CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" AT 811 AT LEAST 2 FULL WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
4. INFORMATION SHOWN ON THE DRAWINGS RELATING TO MATERIALS, CONDITIONS, AND OR LOCATIONS OF EXISTING STRUCTURES AND UTILITIES HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING FIELD SURVEY, UTILITY COMPANY AND TOWN RECORD MAPS AND DRAWINGS, AND IS NOT GUARANTEED ACCURATE OR COMPLETE.
5. **MAINTENANCE AND PROTECTION OF TRAFFIC:**
 - A. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL MAINTENANCE AND PROTECTION OF TRAFFIC, TRAFFIC CONTROL, TEMPORARY SIGNING OR BARRICADES AND TEMPORARY LANE CLOSURES. CONTINUOUS ACCESS FOR BUSES AND EMERGENCY VEHICLES SHALL BE MAINTAINED AT ALL TIMES.
 - B. PASSAGE OF TRAFFIC ON ROADWAYS: A MINIMUM OF ONE LANE FOR TRAFFIC SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL PERFORM HIS OPERATIONS TO MINIMIZE DISRUPTIONS TO TRAFFIC WITHIN THE PROJECT SITE.
 - C. RESIDENTS OR BUSINESSES WITH DRIVES AFFECTED BY CONSTRUCTION SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 48 HOURS BEFORE CONSTRUCTION BEGINS AND SHALL BE ALLOWED CONTINUOUS ACCESS TO THEIR PROPERTY. IF WORK IS PERFORMED DURING THE SCHOOL YEAR, THE CONTRACTOR SHALL PROVIDE NOTICE TO THE BUS COMPANIES (PUBLIC & PRIVATE) AT LEAST 48 HOURS BEFORE CONSTRUCTION BEGINS. THE CONTRACTOR SHALL PHASE HIS CONSTRUCTION OPERATIONS AS NEEDED TO ALLOW CONTINUOUS ACCESS TO ALL BUSINESSES WITHIN THE PROJECT AREA.
 - D. CERTIFIED FLAGMEN SHALL BE USED FOR TRAFFIC CONTROL THROUGHOUT THE DURATION OF CONSTRUCTION.
 - E. CONSTRUCTION SIGNS MUST CONFORM TO THE SIGNING REQUIREMENTS OUTLINED IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)". ALL SIGN FACES SHALL BE REFLECTORIZED.
6. ALL PROPOSED WORK MAY BE VARIED IN THE FIELD BY THE OWNER TO MATCH EXISTING CONDITIONS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING PAVEMENT AND ROADWAYS OUTSIDE OF THE PROJECT AREA, AND SHALL REPAIR SUCH DAMAGE AT NO ADDITIONAL COST TO THE OWNER.
8. UPON COMPLETION OF THE WORK, ALL DISTURBED AREAS SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN EXISTED PRIOR TO CONSTRUCTION.
9. ALL STREET SIGNS, MAILBOXES, PLANTINGS, ORNAMENTAL OBJECTS, LIGHTS, LANDSCAPE SHRUBBERY, ETC. SHALL BE PROTECTED FROM DAMAGE AND SHALL BE REPLACED IN THE SAME OR BETTER CONDITION BY THE CONTRACTOR IF DISTURBED OR DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION.
10. THE CONTRACTOR SHALL MAINTAIN A SET OF RECORD DRAWINGS WHICH SHALL BE SUBMITTED TO THE ENGINEER AT THE COMPLETION OF THE PROJECT.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITY POLES AND WIRE WITHIN AND ADJACENT TO THE CONSTRUCTION AREA AND SHALL COMPLY WITH ALL THE REQUIREMENTS AND SPECIAL DETAILS FOR THE SUPPORT OF UTILITIES REQUIRED BY UTILITY AGENCIES.
12. IF IT DEEMED NECESSARY BY THE OWNER THAT THE CONTRACTOR EXECUTE WORK AT CERTAIN POINTS IN THE CONTRACT AT CERTAIN TIMES AND SEASONS, THE CONTRACTOR SHALL PERFORM SAID WORK AT NO ADDITIONAL EXPENSE TO THE OWNER, WITHIN THE TIME SET FORTH IN THE CONTRACT.
13. **MATERIAL STOCKPILE AND STAGING AREAS:** POTENTIAL STOCKPILE AND STAGING AREAS ARE SHOWN ON THE DRAWINGS. SHOULD ADDITIONAL AREA BE REQUIRED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING STOCKPILE, MATERIAL STORAGE AND EQUIPMENT STORAGE AREAS. PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL IDENTIFY THESE AREAS AND PROVIDE EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED.
14. **DISPOSAL OF CONSTRUCTION MATERIALS:** CONTRACTOR IS ADVISED TO PAY PARTICULAR ATTENTION TO PROVISIONS OF SPECIAL CONDITIONS OF THE SPECIFICATIONS IN PREPARATION OF HIS BID. PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL BE REQUIRED TO IDENTIFY ALL LOCATIONS WITHIN THE TOWN TO BE USED FOR DISPOSAL OF UNSUITABLE CONSTRUCTION MATERIALS.
15. **CLEARING AND GRUBBING:** ALL TREES, BRUSH, VEGETATION, ETC. SHALL BE CUT DOWN BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL GIVE ADJUTING PROPERTY OWNERS THE OPPORTUNITY TO TAKE CUT WOOD FOR THEIR PRIVATE USE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE ALL REMAINING STUMPS, CUT-UP TREES & LIMBS, ETC. WITHIN THE CONTRACT LIMITS. ALL COSTS ASSOCIATED WITH THE ABOVE WORK SHALL BE INCLUDED IN THE CONTRACTOR'S BID. CONTRACTOR SHALL PROTECT REMAINING TREES FROM DAMAGE DURING CONSTRUCTION. TREES UNNECESSARILY CUT OR DAMAGED BY THE CONTRACTOR'S FORCES SHALL BE REPLACED, OF COMPARABLE SIZE AND TYPE, BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
16. CONTINUOUS DUST CONTROL USING WATER, CALCIUM CHLORIDE OR EQUAL SHALL BE PROVIDED FOR ALL EARTH STOCK PILES, EARTH PILED ALONG EXCAVATIONS, ROADWAY SURFACES AND SURFACES OF REFILLED TRENCHES.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION SURVEY AND STAKEOUT AS THEY NEED. A CAD FILE WITH SURVEY BASE INFORMATION AND LAYOUT DATA WILL BE PROVIDED TO THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
18. ALL WORK TO CONFORM TO THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION SUPPLEMENTED FORM 818, DATED JULY 2020.



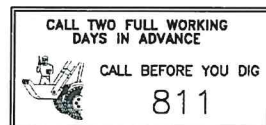
LOCUS MAP
(NOT TO SCALE)



SCALE: 1"=100'

INDEX OF DRAWINGS

DRAWING NO.	DESCRIPTION OF DRAWINGS
1.	EXISTING CONDITIONS AND TEST PIT DATA
2.	EROSION & SEDIMENTATION CONTROL PLAN
3.	SUBGRADE GRADING PLAN
4.	GRADING PLAN (GENERAL)
5.	GRADING PLAN (DRAINAGE BASIN AND SWALES)
6.	DETAILS



RECEIVED

7ppp
JUN 2 2022
@ 11:50 am
TOWN CLERKS OFFICE
TOWN OF LISBON
Laura Trocki

APRIL 14, 2022

CLA Engineers, Inc.
CIVIL • STRUCTURAL • SURVEYING

317 Main Street Norwich, CT 06360
(860) 886-1966 Fax (860) 886-9165

TEST HOLE DATA:

RECORDED BY ROBERT RUSSO OF
CLA ENGINEERS, INC. ON FEBRUARY 8, 2022

TEST HOLE-1
TOTAL DEPTH : 50"
BEDROCK: 50"
WATER: NONE
MOTTLES: NONE
0-4" TOPSOIL, BROWN, FINE SANDY LOAM
4-29" LIGHT, BROWN FINE LOAMY SAND
29-50" BROWN SANDY LOAM W/ GRAVEL

TEST HOLE-2
ROCK AT SURFACE

TEST HOLE-3
TOTAL DEPTH = 90"
BEDROCK: 90"
NO WATER
NO MOTTLES

0-12" TOPSOIL DARK BROWN SANDY LOAM
12-24" SUBSOIL YELLOW BROWN FINE SANDY LOAM
24-38" GRAY W/ YELLOW BROWN FINE SANDY LOAM
38-90" GRAY LOAMY SAND W/ GRAVEL, COBBLES, STONES

TEST HOLE-4
TOTAL DEPTH : 24-36"
BEDROCK: 24-36"
WATER: 24"
MOTTLES: NONE
0-7" TOPSOIL, BROWN, SANDY LOAM
7- 24 TO 36" SUBSOIL, LIGHT BROWN SANDY LOAM

TEST HOLE-5
TOTAL DEPTH : 26"
BEDROCK: 26"
WATER: NONE
MOTTLES: NONE

0-9" TOPSOIL, BROWN, SANDY LOAM
9-24" SUBSOIL, BROWN FINE SANDY LOAM

TEST HOLE-6
TOTAL DEPTH : 80"
BEDROCK: 80"
WATER: NONE
MOTTLES: NONE

0-7" TOPSOIL, DARK BROWN, FINE SANDY LOAM
7-44" SUBSOIL, GRAY, BROWN FINE SANDY LOAM
44-80" GRAY FINE SANDY LOAM W/ STONES AND TRACE GRAVEL

TEST HOLE-7
SAMPLE: 72", 82", 104"
TOTAL DEPTH : 128"
BEDROCK: 128"
WATER: NONE
MOTTLES: 72"

0-9" TOPSOIL, DARK BROWN, FINE SANDY LOAM
9-30" YELLOW, BROWN FINE SANDY LOAM
30-88" GRAY SANDY LOAM W/ GRAVEL
88-128" GRAY BROWN LOAMY SAND, DENSE

TEST HOLE-8
TOTAL DEPTH : 56"
BEDROCK: 56"
WATER: NONE
MOTTLES: 20"

0-9" TOPSOIL, DARK BROWN, FINE SANDY LOAM
9-20" SUBSOIL, YELLOW, BROWN FINE SANDY LOAM
20-56" SUBSOIL, GRAY FINE SANDY LOAM

TEST HOLE-9
TOTAL DEPTH : 10"
BEDROCK: 10"
WATER: NONE
MOTTLES: NONE

0-10" TOPSOIL, BROWN, FINE SANDY LOAM

TEST HOLE-10
ROCK AT SURFACE

TEST HOLE-11
SAMPLE: 6", 32", 51"
TOTAL DEPTH : 51"
BEDROCK: 51"
WATER: NONE
MOTTLES: 32"
ROOTS: 32"

0-6" TOPSOIL, DARK BROWN, FINE SANDY LOAM
6-32" SUBSOIL, YELLOW, BROWN FINE SANDY LOAM
32-51" SUBSOIL, GRAY BROWN FINE SANDY LOAM

TEST HOLE-12
TOTAL DEPTH : 12-38"
BEDROCK: 12-38" (USE 12" @ TH STAKE, 38" TO EAST 15')
WATER: NONE
MOTTLES: NONE
ROOTS: NONE

0-12" TOPSOIL, DARK BROWN, FINE SANDY LOAM
12-38" YELLOW, BROWN FINE SANDY LOAM (15' TO THE EAST)

TEST HOLE-13
TOTAL DEPTH : 27"
BEDROCK: 27"
WATER: NONE
MOTTLES: NONE

0-8" DARK BROWN, FINE SANDY LOAM
8-27" YELLOW, BROWN FINE SANDY LOAM

TEST HOLE-14
TOTAL DEPTH : 82"
BEDROCK: 72"
WATER: NONE
MOTTLES: 68"

0-10" TOPSOIL, BROWN, FINE SANDY LOAM
10-27" SUBSOIL, YELLOW, BROWN FINE SANDY LOAM
27-82" GRAY, GREEN LOAMY SAND W/ COBBLES & STONES

TEST HOLE-15
SAMPLE: 7", 49", 79", 108"
TOTAL DEPTH : 108"
BEDROCK: NONE
WATER: 105"
MOTTLES: 49"
ROOTS: 45"

0-7" TOPSOIL, DARK BROWN, FINE SANDY LOAM W/ STONES
7-49" SUBSOIL, RED, BROWN FINE SANDY LOAM W/ STONES
49-79" GRAY DARK FINE SANDY LOAM W/ STONES
79-108" GRAY LOAMY SAND W/ STONES, DENSE

TEST HOLE-16
SAMPLE: 94"
TOTAL DEPTH : 94"
BEDROCK: NONE
WATER: 78"
MOTTLES: 32"
ROOTS: 32"

0-12" TOPSOIL, BROWN, FINE SANDY LOAM
12-32" SUBSOIL, RED, BROWN FINE SANDY LOAM
32-68" GRAY VERY FINE SANDY LOAM
68-94" GRAY LOAMY SAND W/ STONES, DENSE

TEST HOLE-17
TOTAL DEPTH : 43"
BEDROCK: 43"
WATER: NONE
MOTTLES: 40"
ROOTS: 30"

0-7" TOPSOIL, DARK BROWN, FINE SANDY LOAM
7-40" SUBSOIL, YELLOW, BROWN FINE SANDY LOAM
40-43" SUBSOIL, GRAY, BROWN FINE SANDY LOAM

TEST HOLE-18
TOTAL DEPTH : 28"
BEDROCK: 28"
WATER: NONE
MOTTLES: NONE
ROOTS: 28"

0-8" TOPSOIL, DARK BROWN, FINE SANDY LOAM
8-28" SUBSOIL, YELLOW, BROWN FINE SANDY LOAM

TEST HOLE-19
TOTAL DEPTH : 37"
BEDROCK: 37"
WATER: NONE
MOTTLES: NONE
ROOTS: 30"

0-9" TOPSOIL, DARK BROWN, FINE SANDY LOAM
9-37" SUBSOIL, YELLOW, BROWN FINE SANDY LOAM

TEST HOLE-20
TOTAL DEPTH : 12"
BEDROCK: 12"
WATER: NONE
MOTTLES: NONE

0-12" TOPSOIL, DARK BROWN, FINE SANDY LOAM

TEST HOLE-21
TOTAL DEPTH : 24-37"
BEDROCK: 24-37"
WATER: NONE
MOTTLES: NONE

0-7" TOPSOIL, BROWN FINE SANDY LOAM W/
7- 24 TO 37" SUBSOIL, BROWN FINE SANDY LOAM W/
BROKEN LEDGE/ROTTEN PIECES

TEST HOLE-22
TOTAL DEPTH : 70"
BEDROCK: 65"
WATER: NONE
MOTTLES: NONE

0-9" TOPSOIL, DARK BROWN, FINE SANDY LOAM
9-47" SUBSOIL, YELLOW, BROWN FINE SANDY LOAM
47-65" GRAY, GREEN LOAMY SAND W/ GRAVEL
65-70" ROTTEN ROCK

TEST HOLE-23
TOTAL DEPTH : 68"
BEDROCK: NONE
WATER: 56"
MOTTLES: 29"
ROOTS: 26"

0-8" TOPSOIL, DARK BROWN, FINE SANDY LOAM
8-28" SUBSOIL, YELLOW, BROWN FINE SANDY LOAM
28-54" LIGHT GRAY FINE SANDY LOAM W/ YELLOW BROWN MOTTLES
54-68" YELLOW BROWN SAND & GRAVEL, WET @ 56"

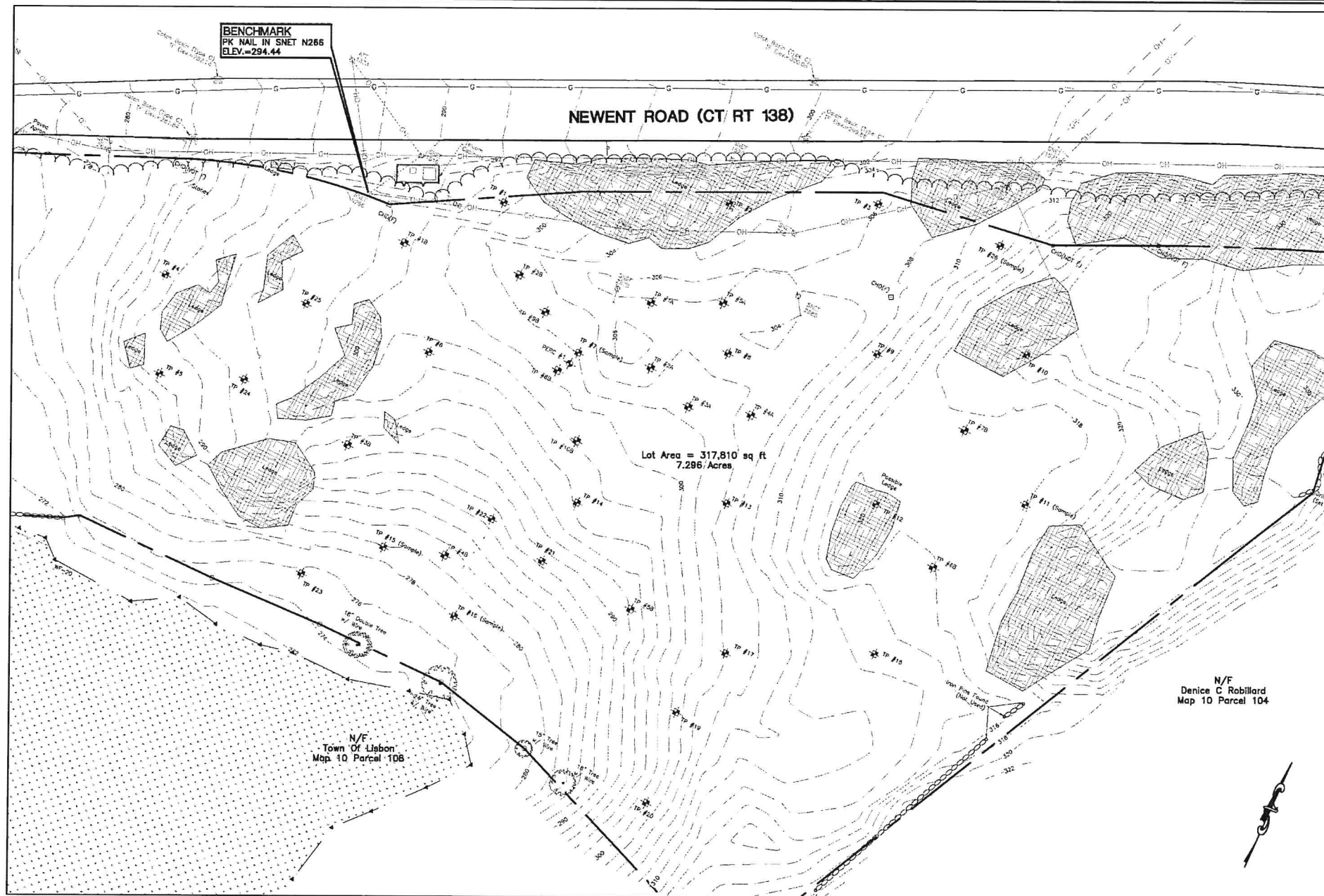
TEST HOLE-24
TOTAL DEPTH = 6"
BEDROCK: 6"
NO WATER
NO MOTTLES

TEST HOLE-25
TOTAL DEPTH : 60"
BEDROCK: 46"
WATER: NONE
MOTTLES: NONE

0-10" TOPSOIL, BROWN, SANDY LOAM
10-28" SUBSOIL, YELLOW, BROWN FINE SANDY LOAM
28-46" SUBSOIL, GRAY FINE SANDY LOAM
46-60" ROTTEN ROCK GRADING TO FIRM ROCK

TEST HOLE-26
SAMPLE: 11", 24", 72"
TOTAL DEPTH = 72"
BEDROCK: 72"
NO WATER
MOTTLES: 68"

0-11" TOPSOIL BROWN SANDY LOAM
11-24" SUBSOIL YELLOW BROWN SANDY LOAM
24-72" GRAY SANDY LOAM W/ GRAVEL, PEBBLES, STONES



TEST HOLE DATA:

RECORDED BY ASA BENDER OF
CLA ENGINEERS, INC. ON MARCH 25, 2022

TEST HOLE-1A
ROCK: 120"
WATER: NONE

TEST HOLE-2A
ROCK: 78"
WATER: NONE

TEST HOLE-3A
ROCK: 46"
WATER: NONE

TEST HOLE-4A
ROCK: 58"
WATER: NONE

TEST HOLE-5A
ROCK: 121"
WATER: NONE

TEST HOLE-1B
ROCK: 45" (DECOMPOSED)
WATER: NONE

TEST HOLE-2B
ROCK: 60"
WATER: NONE

TEST HOLE-3B
ROCK: 58"
WATER: NONE

TEST HOLE-4B
ROCK: 111"
WATER: 109" AFTER 45 MINS.

TEST HOLE-5B
ROCK: 31"
WATER: NONE

TEST HOLE-6B
ROCK: 40"
WATER: NONE

TEST HOLE-7B
ROCK: 8" (DECOMPOSED, EXCAVATED TO 54")
WATER: NONE

TEST HOLE-8B
ROCK: 92"
WATER: NONE

TEST HOLE-9B
ROCK: 58"
WATER: NONE

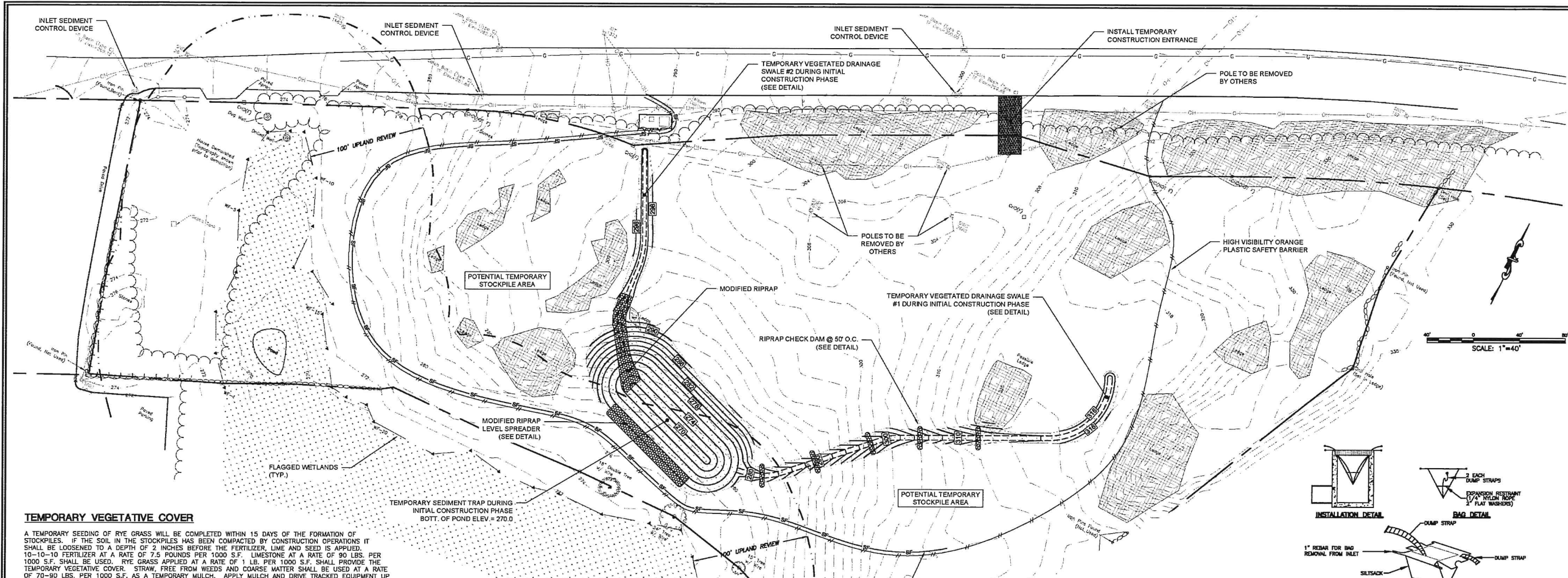
TEST HOLE-10B
ROCK: 70"
WATER: NONE

LEGEND

---	PROPERTY LINE
---	DRAINAGE
---	CONTOUR
---	CHAIN LINK FENCE
---	WOODED AREA
---	CATCH BASIN
---	IRON PIN, IRON PIPE (FOUND)
---	MERESTONE, CONNECTICUT HIGHWAY DEPT MONUMENT, MONUMENT (FOUND)
---	TREE
---	UTILITY POLE
---	TELEPHONE CAN OR BOX
---	NOW OR FORMALLY DEED VOLUME & PAGE
---	EXPOSED LEDGE
---	GUY WIRE
---	OVERHEAD WIRES
---	WETLAND EDGE
---	WETLAND FLAG



<p>CLA Engineers, Inc. Civil - Structural - Surveying</p> <p>317 Main Street Norwich, CT 06360 (800) 808-1808 Fax (860) 886-9165</p>		<p>Project No. CLA-7093</p> <p>Proj. Engineer D.P.II.</p> <p>Date: 04/14/22</p> <p>Sheet No. 1</p>				
<p>TOWN OF LISBON</p> <p>LISBON FIRE STATION SITE PREPARATION 25 NEWENT ROAD (Route 138)</p> <p>EXISTING CONDITIONS & TEST PIT DATA</p>		<p>REVISION:</p> <table border="1"> <tr> <th>No.</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> </tr> </table>	No.	DATE		
No.	DATE					

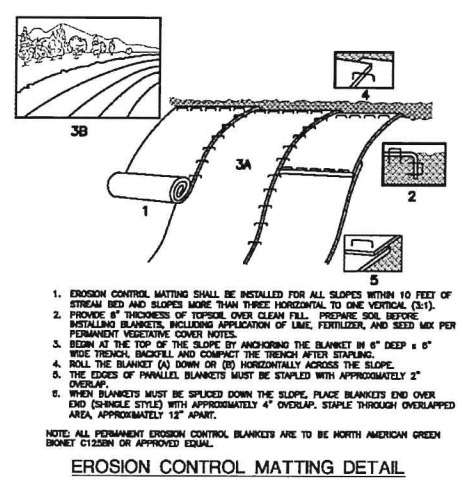
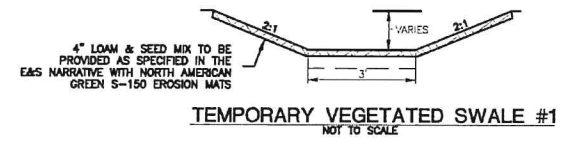
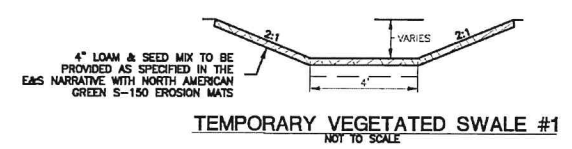
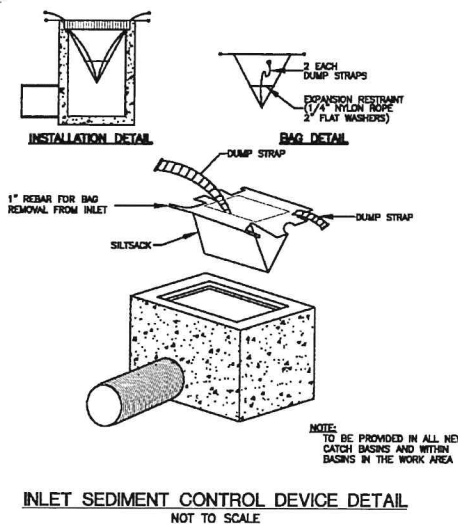
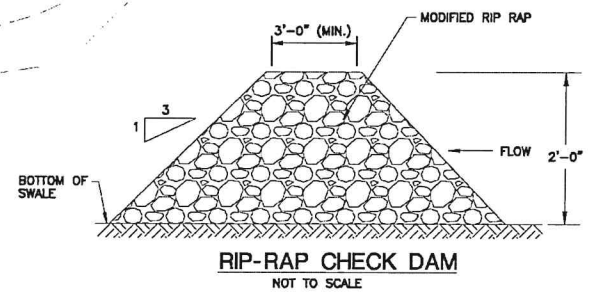
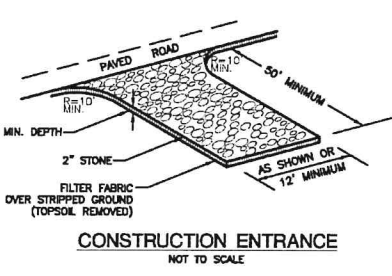
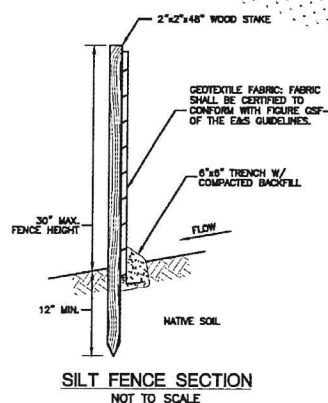


TEMPORARY VEGETATIVE COVER

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 OPERATIONS IT SHALL BE LOOSENEED 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 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.

EROSION & SEDIMENTATION CONTROL NARRATIVE

1. THE EROSION & SEDIMENTATION CONTROL PLAN AND DETAILS HAVE BEEN DEVELOPED AS A STRATEGY TO CONTROL SOIL EROSION AND SEDIMENTATION DURING AND AFTER CONSTRUCTION. THIS PLAN IS BASED ON THE "2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" BY THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION IN COOPERATION WITH THE CONNECTICUT DEEP.
2. THE PROPOSED LOCATIONS OF SILTATION AND EROSION CONTROL MEASURES ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL PROVIDE SILT FENCE, STONE CHECK DAMS AND/OR OTHER EROSION CONTROL MEASURES AS NEEDED OR DIRECTED BY THE ENGINEER OR TOWN STAFF TO ADEQUATELY PREVENT SEDIMENT TRANSPORT.
3. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO SITE DISTURBANCE. TOWN STAFF SHALL REVIEW AND APPROVE THE INSTALLATION PRIOR TO EXCAVATION.
4. THE CONTRACTOR SHALL INSPECT, REPAIR AND/OR REPLACE EROSION CONTROL MEASURES EVERY 7 DAYS AND IMMEDIATELY FOLLOWING ANY SIGNIFICANT RAINFALL OR SNOW MELT. SEDIMENT DEPOSITS MUST BE REMOVED WHEN WHEN DEPOSITS REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER. SEDIMENT CONTROL DEVICES SHALL REMAIN IN PLACE AND BE MAINTAINED BY THE CONTRACTOR UNTIL AREAS UPSLOPE ARE PERMANENTLY STABILIZED.
5. INLET SEDIMENTATION CONTROL DEVICES SHALL BE INSTALLED UNDER THE GRATES OF ALL NEW CATCH BASINS AT THE TIME OF INSTALLATION, AND UNDER THE GRATES OF EXISTING CATCH BASINS IN THE CONSTRUCTION AREA.
6. CONTINUOUS DUST CONTROL USING WATER, CALCIUM CHLORIDE OR APPROVED EQUAL SHALL BE PROVIDED FOR ALL EARTH STOCKPILES, EARTH PILED ALONG EXCAVATIONS, SURFACES OF BACKFILLED TRENCHES AND GRAVELED ROADWAY SURFACES.
7. ALL DISTURBED AREAS SHALL BE RESTORED PER THE SLOPE STABILIZATION AND PERMANENT VEGETATION DETAILS. ALL DISTURBED AREAS THAT ARE SLOPED LESS THAN THREE HORIZONTAL TO ONE VERTICAL (3:1) SLOPE SHALL BE LOAMED, SEEDED, FERTILIZED AND MULCHED PER THE PERMANENT VEGETATIVE COVER SPECIFICATIONS. EROSION CONTROL MATTING SHALL BE PROVIDED ON ALL DISTURBED AREAS WITHIN 10 FEET OF THE STREAM BED AND THAT ARE SLOPED MORE THAN THREE HORIZONTAL TO ONE VERTICAL (3:1).
8. IF FINAL SEEDING OF DISTURBED AREAS IS NOT TO BE COMPLETED BEFORE OCTOBER 15, THE CONTRACTOR SHALL PROVIDE TEMPORARY MULCHING (DORMANT SEEDING MAY BE ATTEMPTED AS WELL) TO PROTECT THE SITE AND DELAY PERMANENT SEEDING.
9. WHEN FEASIBLE, TEMPORARY SEEDING OF DISTURBED AREAS THAT HAVE NOT BEEN FINISHED GRADED SHALL BE COMPLETED PRIOR TO OCTOBER 15.
10. ANY EROSION WHICH OCCURS WITHIN THE DISTURBED AREAS SHALL BE IMMEDIATELY REPAIRED AND STABILIZED. DURING THE CONSTRUCTION PHASE, INTERCEPTED SEDIMENT SHALL BE RETURNED TO THE SITE. POST SEEDING, INTERCEPTED SEDIMENT, IF ANY, SHALL BE DISPOSED OF IN A MANNER APPROVED BY THE TOWN AND ENGINEER.
11. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL VEGETATION IS RE-ESTABLISHED OR SLOPES ARE STABILIZED AND REMOVAL IS APPROVED BY THE TOWN.
12. UNFORESEEN PROBLEMS WHICH ARE ENCOUNTERED IN THE FIELD SHALL BE SOLVED ACCORDING TO THE "2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" BY THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION IN COOPERATION WITH THE CONNECTICUT DEEP."

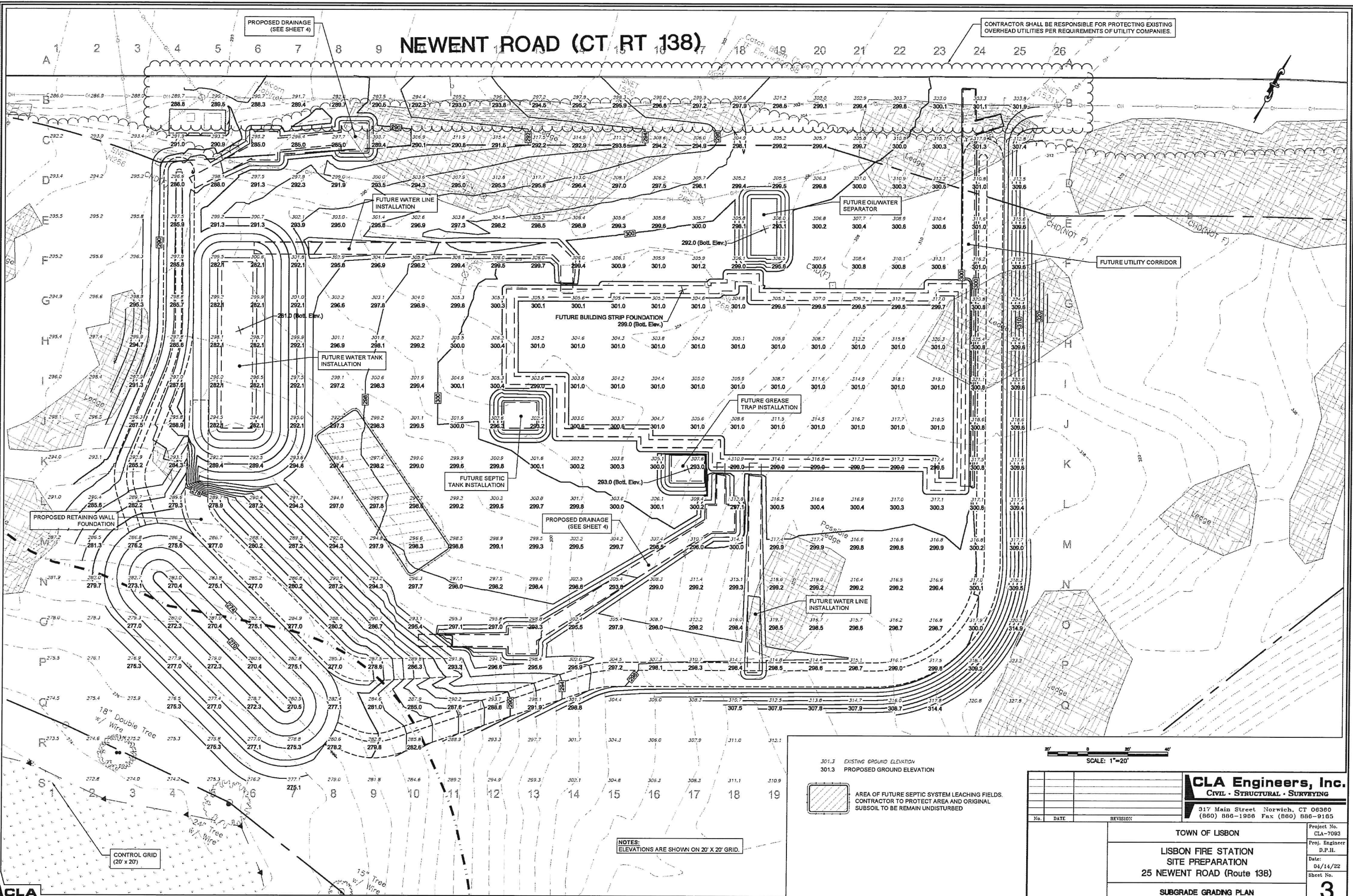


TEMPORARY SEDIMENT TRAP NARRATIVE

- THE PROPOSED PERMANENT STORMWATER BASIN IS LOCATED AT THE LOWEST ELEVATION OF THE SITE TOPOGRAPHY AND WILL BE USED DURING CONSTRUCTION AS A TEMPORARY SEDIMENT TRAP. THE TRAP WILL BE EXCAVATED TO 6 INCHES ABOVE DESIGN DEPTH PRIOR TO THE COMMENCEMENT OF OTHER SITE GRADING.
1. THE TRAP WILL BE INSPECTED AT LEAST ONCE PER WEEK AND WITHIN 24 HOURS AFTER ANY RAINFALL OF 0.5 INCHES OR GREATER.
 2. THE SEDIMENT TRAP WILL BE CLEANED WHEN SEDIMENT ACCUMULATION EXCEEDS ONE HALF OF THE AVAILABLE NET STORAGE CAPACITY. SEDIMENTS REMOVED FROM THE SEDIMENT TRAPS WILL BE PLACED OUTSIDE OF THE UPLAND REVIEW ZONE IN THE DESIGNATED STOCKPILE AREA.
 3. PRIOR TO COMPLETING THE BASIN, EXISTING SEDIMENT LOCATED IN THE BASIN BOTTOM SHALL BE REMOVED TO A DEPTH OF 6" BELOW FINISHED GRADE. IMMEDIATELY FOLLOWING THE GRADING, THE BASIN SHALL BE LOAMED AND SEEDED.
 4. A MINIMUM OF 6" OF TOPSOIL SHALL BE INSTALLED AND ALL AREAS PLANTED WITH SEED MIXES AND VEGETATION IN ACCORDANCE WITH THE TEMPORARY SEEDING REQUIREMENTS.

<p>CLA Engineers, Inc. Civil • Structural • Surveying</p> <p>317 Main Street Norwich, CT 06360 (860) 866-1966 Fax (860) 880-9165</p>		Project No. CLA-7093
		Proj. Engineer D.P.H.
<p>TOWN OF LISBON</p> <p>LISBON FIRE STATION SITE PREPARATION 25 NEWENT ROAD (Route 138)</p>		Date: 04/14/22
<p>EROSION AND SEDIMENTATION CONTROL PLAN</p>		Sheet No. 2

NEWENT ROAD (CT RT 138)



CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING OVERHEAD UTILITIES PER REQUIREMENTS OF UTILITY COMPANIES.

PROPOSED DRAINAGE (SEE SHEET 4)

PROPOSED RETAINING WALL FOUNDATION

PROPOSED DRAINAGE (SEE SHEET 4)

CONTROL GRID (20' x 20')

NOTES:
ELEVATIONS ARE SHOWN ON 20' X 20' GRID.

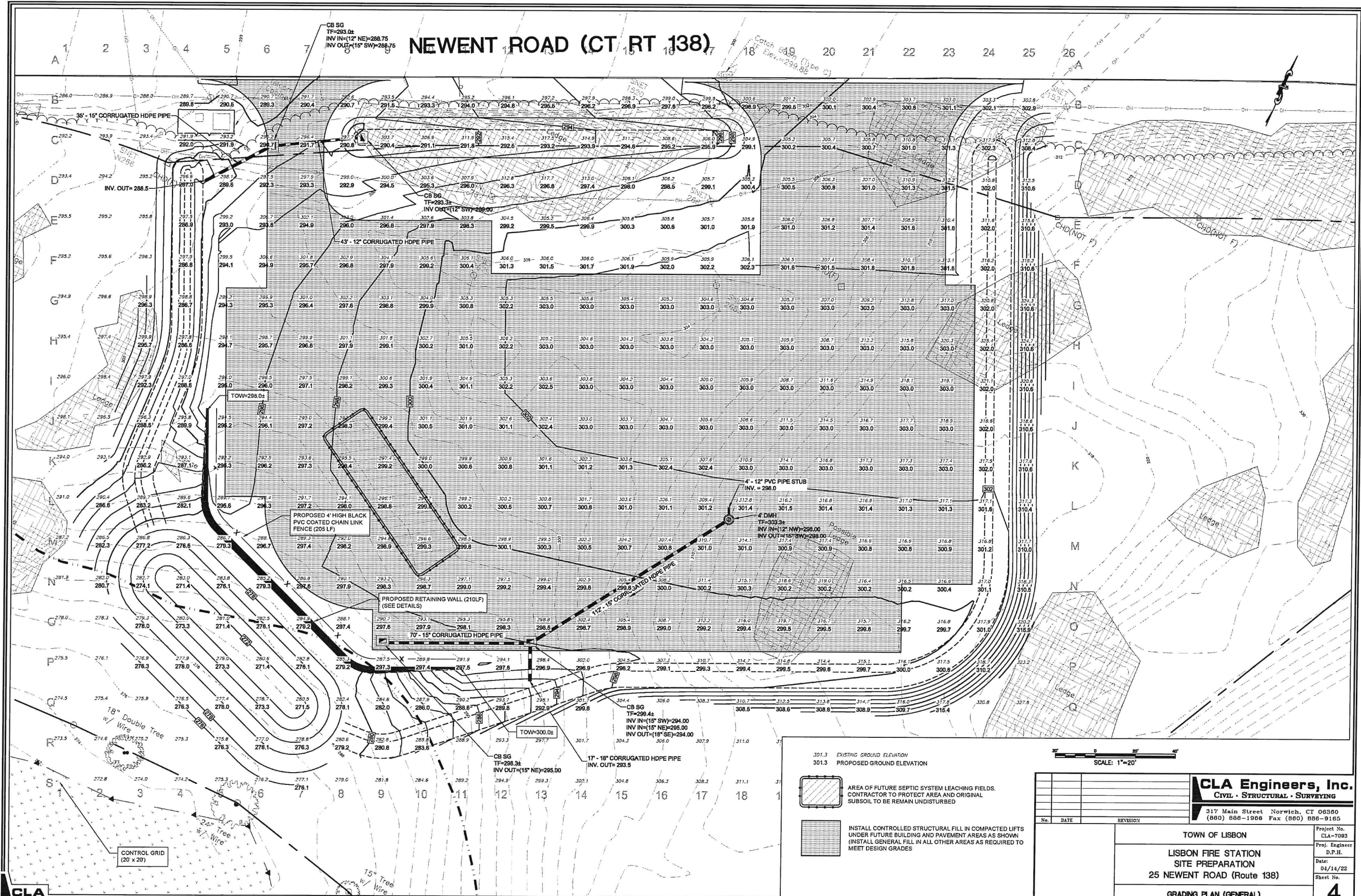
301.3 EXISTING GROUND ELEVATION
301.3 PROPOSED GROUND ELEVATION



 AREA OF FUTURE SEPTIC SYSTEM LEACHING FIELDS. CONTRACTOR TO PROTECT AREA AND ORIGINAL SUBSOIL TO BE REMAIN UNDISTURBED

SCALE: 1"=20'

CLA Engineers, Inc. CIVIL • STRUCTURAL • SURVEYING 317 Main Street Norwich, CT 06360 (860) 886-1966 Fax (860) 886-9165		Project No. CLA-7093 Proj. Engineer D.P.H. Date: 04/14/22 Sheet No. 3
TOWN OF LISBON LISBON FIRE STATION SITE PREPARATION 25 NEWENT ROAD (Route 138) SUBGRADE GRADING PLAN		

NEWENT ROAD (CT RT 138)

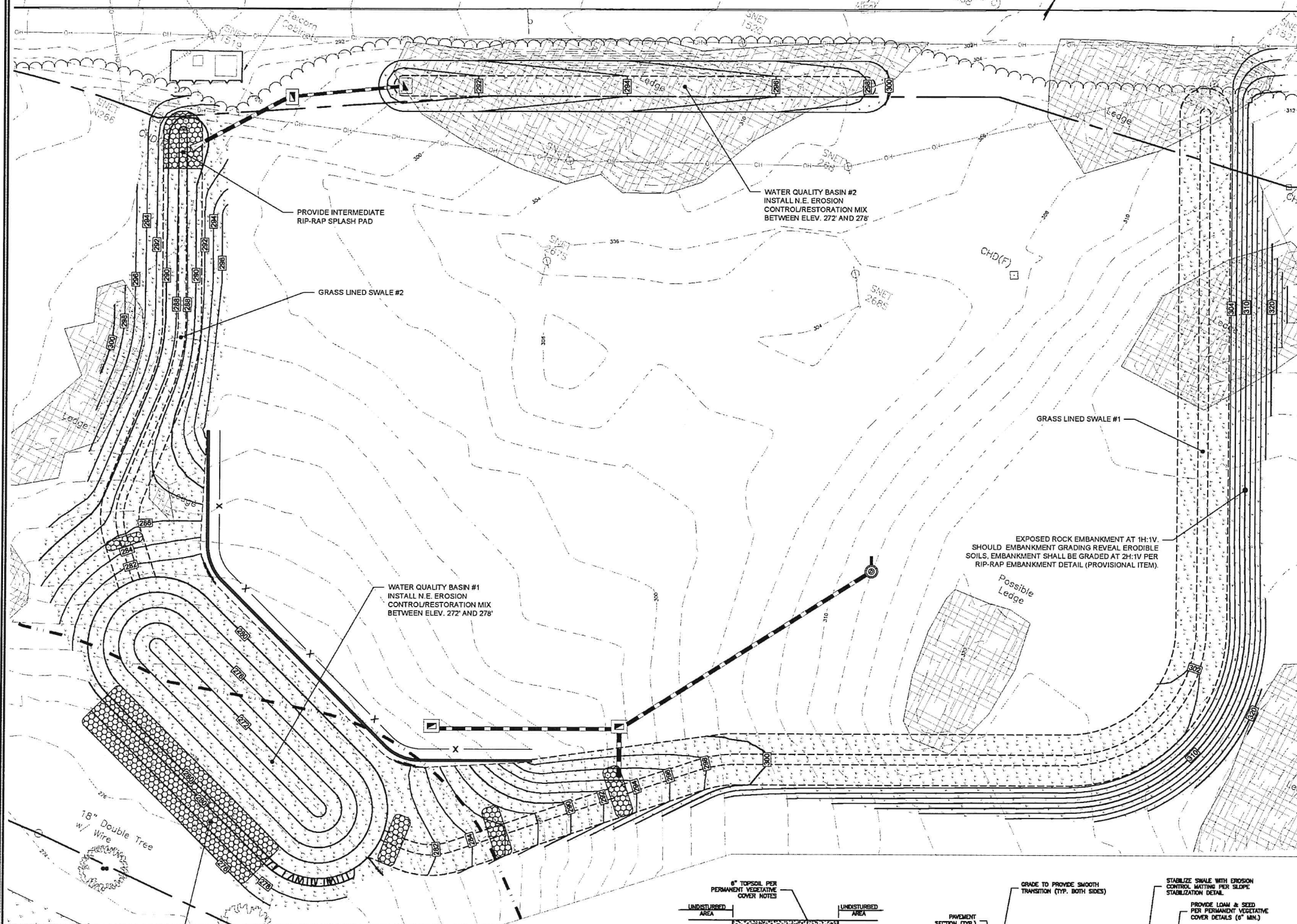


- 301.3 EXISTING GROUND ELEVATION
- 301.3 PROPOSED GROUND ELEVATION
-  AREA OF FUTURE SEPTIC SYSTEM LEACHING FIELDS. CONTRACTOR TO PROTECT AREA AND ORIGINAL SUBSOIL TO BE REMAIN UNDISTURBED
-  INSTALL CONTROLLED STRUCTURAL FILL IN COMPACTED LIFTS UNDER FUTURE BUILDING AND PAVEMENT AREAS AS SHOWN. (INSTALL GENERAL FILL IN ALL OTHER AREAS AS REQUIRED TO MEET DESIGN GRADES)

SCALE: 1"=20'

CLA Engineers, Inc. Civil • Structural • Surveying	
317 Main Street Norwich, CT 06360 (860) 866-1986 Fax (860) 866-9165	
TOWN OF LISBON	Project No. CLA-7093
LISBON FIRE STATION SITE PREPARATION 25 NEWENT ROAD (Route 138)	Proj. Engineer D.P.H.
GRADING PLAN (GENERAL)	Date: 04/14/22
	Sheet No. 4

NEWENT ROAD (CT RT 138)



PERMANENT VEGETATIVE COVER

TOPSOIL WILL BE REPLACED ONCE THE EXCAVATIONS HAVE BEEN COMPLETED AND THE SLOPES ARE GRADDED AS SHOWN ON THE PLANS. PROVIDE SLOPE PROTECTION AS CALLED FOR ON THE PLANS AND DETAILS. TOPSOIL SHALL BE SPREAD AT A MINIMUM COMPACTED DEPTH OF 6 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 LIMESTONE 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 1000 S.F.
- WORK LIMESTONE 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:

TYPICAL SEED MIXTURE

ALL DISTURBED AREAS	LBS./ACRE	LBS./1000 S.F.
KENTUCKY BLUEGRASS	20	0.45
CREeping RED FESCUE	20	0.45
PERENNIAL RYEGRASS	5	0.10
	45	1.00

TYPICAL SEED MIXTURE FOR NON-MOWED SLOPES (3:1 OR STEEPER)

CT DEP SEED MIX NO. 26	LBS./ACRE	LBS./1000 S.F.
SWITCHGRASS (BLACKWELL, SHELTER, CAVE-IN-ROCK)	4.0	0.10
BIG BLUESTEM (NIAGRA, KAW)	4.0	0.10
LITTLE BLUESTEM (BLAZE, ALDOUS, CAMPER)	2.0	0.05
SAND LOVEGRASS (NE-27, BEND)	1.5	0.03
BIRD'S-FOOT TREFLOIL (EMPIRE VIKING)	2.0	0.05
	13.5	0.33

TYPICAL SEED MIXTURE FOR WATER QUALITY BASIN - SEE BELOW

THE RECOMMENDED SEEDING DATES ARE:
APRIL 1 - JUNE 15 AND AUGUST 15 - OCTOBER 15

IMMEDIATELY FOLLOWING SEEDING, FIRM SEED BED WITH A ROLLER AND MULCH WITH WEED FREE STRAW. IF PERMANENT VEGETATIVE COVER IS HAS NOT BEEN ESTABLISHED BY OCTOBER 15, APPLY A TEMPORARY VEGETATIVE COVER ON THE TOPSOIL.

VEGETATIVE COVER WATER QUALITY BASINS

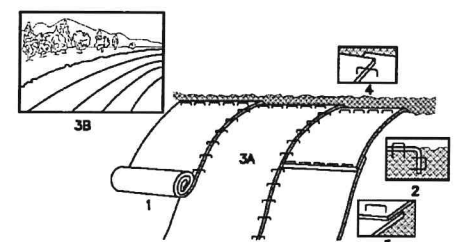
SEED MIXTURE FOR WATER QUALITY BASINS SHALL BE THE "NEW ENGLAND EROSION CONTROL/RESTORATION MIX FOR MOIST SITES" FROM NEW ENGLAND WETLAND PLANTS, AMHERST, MA, TELEPHONE NO. 413-548-8000

THE BEST RESULTS ARE OBTAINED WITH A SPRING SEEDING, SUMMER AND FALL SEEDING REQUIRE A LIGHT MULCHING OF WEED FREE STRAW TO CONSERVE MOISTURE. LATE FALL AND WINTER DORMANT SEEDING REQUIRE A 10% INCREASE IN THE SEEDING RATE. FERTILIZATION IS NOT REQUIRED UNLESS THE SOILS ARE PARTICULARLY INFERTILE.

SEED MIXTURE

NEW ENGLAND EROSION CONTROL/RESTORATION MIX FOR DETENTION BASINS AND MOIST SITES	LBS./ACRE	LBS./1000 S.F.
	35	0.80

SPECIES: Virginia Wild Rye, (Elymus virginicus), Creeping Red Fescue, (Festuca rubra), Little Bluestem, (Schizachyrium scoparium), Big Bluestem, (Andropogon gerardii), Fox Sedge, (Carex vulpinoidea), Switch Grass, (Panicum virgatum), Rough Stengrass, (Agrostis scabra), New England Aster, (Aster novae-angliae), Boneset, (Eupatorium perfoliatum), Grass Leaved Galderod, (Euthamia graminifolia), Green Bulrush, (Scirpus atrovirens), Blue Vervain, (Verbena hastata), Soft Run, (Juncus effusus), Wool Grass, (Scirpus cyperinus)



- INSTALLATION NOTES:**
1. PROVIDE 4" THICKNESS OF TOPSOIL OVER CLEAN FILL. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF LIME, FERTILIZER, AND SEED MIX FOR PERMANENT VEGETATIVE COVER NOTES. (SHALL BE PAID FOR AT THE UNIT PRICE FOR LOAM, SEED, FERTILIZER & MULCH)
 2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN 6" DEEP x 6" WIDE TRENCH BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
 3. ROLL THE BLANKET (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE.
 4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP.
 5. WHEN BLANKETS MUST BE SPACED DOWN THE SLOPE, PLACE BLANKETS END OVER END OR HOLE STITCH WITH APPROXIMATELY 4" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.

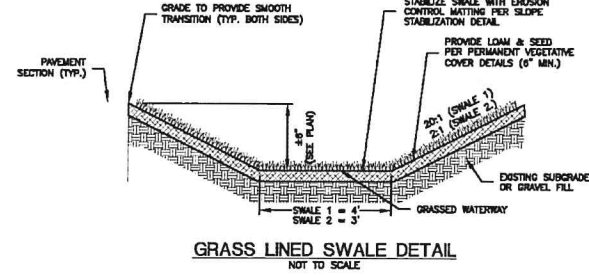
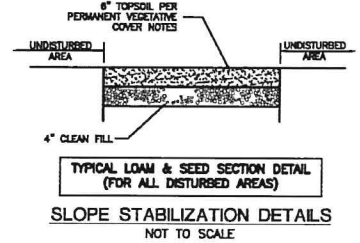
PRODUCT NOTES:

1. EROSION CONTROL MATTING MUST BE USED ON THE LATEST OF DOT QUALIFIED PRODUCTS LIST UNDER CLASS 9 SLOPE PROTECTION, TYPE D.

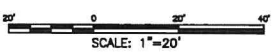
EROSION CONTROL MATTING DETAIL (FOR 3:1 SLOPES OR STEEPER)

- NOTES:**
1. HYDROSEED SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 8.3.0.3.3 OF DOT FORM 818.
 2. BONDED FIBER MATRIX (BFM) OR FLEXIBLE GROWTH MEDIUM (FGM) MUST BE INCLUDED IN THE HYDROSEED SLURRY. MIX RATE PERCENTAGES SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS FOR THE FINISHED SLOPES. THE FOLLOWING ARE ACCEPTABLE PRODUCTS:
- ACCEPTABLE PRODUCTS:
- A. PROFILE FLEXURE FGM
 - B. PROFILE HYDRO-BLANKET BONDED FIBER MATRIX
 - C. UNIT: 100 LBS. GARD BONDED FIBER MATRIX
 - D. NORTH AMERICAN GREEN HYDRA GT OR HYDRA CM
- NOTE: HYDROSEED SHALL BE IN ACCORDANCE WITH THE PERMANENT VEGETATIVE COVER NOTES. ALL APPLICATION RATES SHALL BE INCREASED BY 10% FOR HYDROSEEDING.
4. THE CONTRACTOR SHALL ENSURE 100% COVERAGE OF THE DISTURBED SOIL.

HYDROSEED REQUIREMENTS (FOR 3:1 SLOPES OR STEEPER)



PERMANENT MODIFIED RIP-RAP LEVEL SPREADER, 21' WIDE x 80' LONG.



CLA Engineers, Inc.
Civil - Structural - Surveying

317 Main Street Norwich, CT 06360
(860) 886-1986 Fax (860) 886-9165

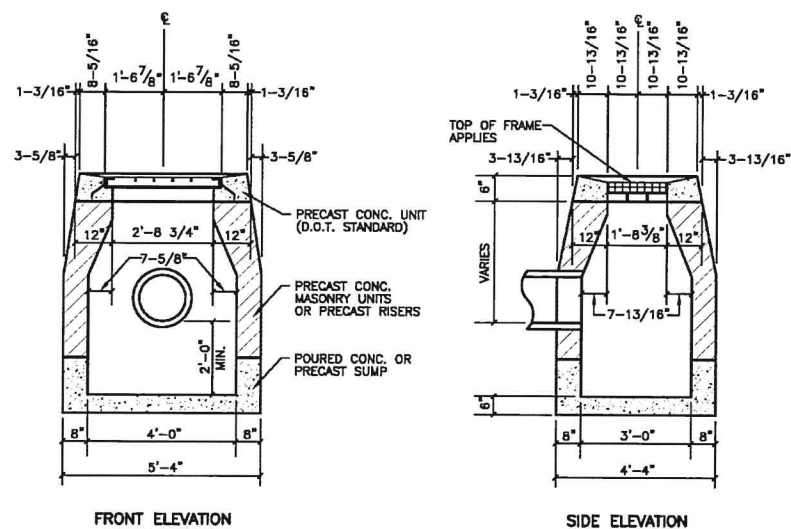
No.	DATE	REVISION

TOWN OF LISBON

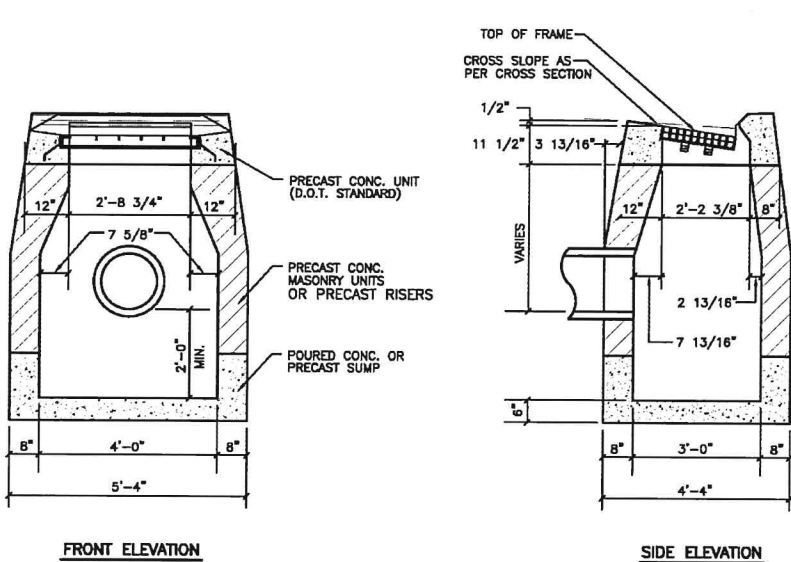
LISBON FIRE STATION
SITE PREPARATION
25 NEWENT ROAD (Route 138)

GRADING PLAN (DRAINAGE BASIN & SWALES)

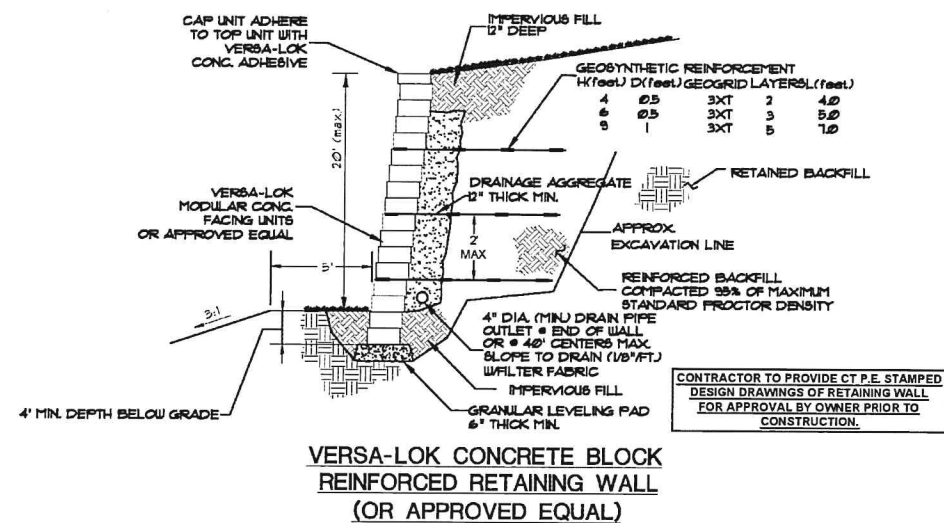
Project No. CLA-7093
Proj. Engineer D.P.H.
Date: 01/14/22
Sheet No. **5**



TYPE "C-L" CATCH BASIN
NOT TO SCALE



TYPE "C" CATCH BASIN DETAIL
NOT TO SCALE

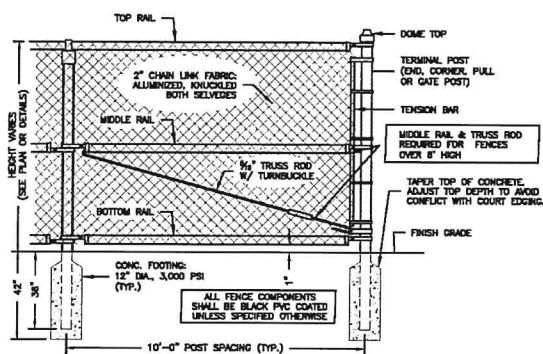


VERSALOK CONCRETE BLOCK REINFORCED RETAINING WALL (OR APPROVED EQUAL)
MODULAR CONCRETE UNIT NOT TO SCALE

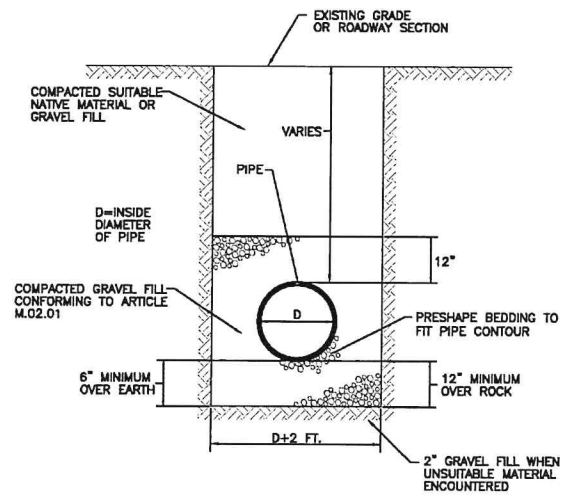
GENERAL NOTES

1. STRIP VEGETATION AND ORGANIC SOIL FROM WALL AND GEOSYNTHETIC ALIGNMENT.
2. BENCH CUT ALL EXCAVATED SLOPES.
3. DO NOT OVER EXCAVATE UNLESS DIRECTED BY SITE SOIL ENGINEER TO REMOVE UNSUITABLE SOIL.
4. SITE SOILS ENGINEER SHALL VERIFY FOUNDATION SOILS AS BEING COMPETENT FOR THE DESIGN STANDARDS AND PARAMETERS.
5. LEVELING PAD SHALL CONSIST OF COMPACTED COARSE SAND OR CRUSHED GRAVEL, 6" THICK MIN.
6. CONTRACTOR MAY OPT FOR A LEAN CONCRETE PAD. CONCRETE PAD SHALL BE UNREINFORCED, 3" THICK MAXIMUM.
7. MINIMUM EMBEDMENT OF WALL BELOW FINISH GRADE SHALL BE 6" FOR WALL HEIGHTS UNDER 4 FT. AND 12" FOR WALLS OVER 4 FT. UNLESS SHOWN DIFFERENTLY.
8. FOR UNITS TO BE EMBEDDED, COMPACT FILL IN FRONT OF UNITS AT THE SAME TIME FILL BEHIND UNITS IS COMPACTED.
9. DRAINAGE AGGREGATE SHALL BE INSTALLED DIRECTLY BEHIND THE WALL WITHIN 12" OF THE TOP OF THE WALL. DRAINAGE AGGREGATE SHALL NOT EXTEND BELOW FINAL GRADE IN FRONT OF WALL.
10. COMPACTION SHALL BE TO 95% OF MAXIMUM STANDARD PROCTOR DENSITY (ASTM D-698)
11. COMPACTION TESTS SHALL BE TAKEN AS THE MINIMUM IS INSTALLED. THE MINIMUM NUMBER OF TESTS SHALL BE DETERMINED BY THE SITE SOILS ENGINEER.
12. COMPACTION WITHIN 3 FT. OF WALL SHALL BE LIMITED TO HAND OPERATED EQUIPMENT.
13. SEE ELEVATION DRAWINGS FOR GEOSYNTHETIC TYPE, LENGTH AND LOCATION REQUIRED.
14. GEOSYNTHETIC SHALL BE PLACED WITH STRONGEST DIRECTION PERPENDICULAR TO WALL. FOLLOW GEOSYNTHETIC MANUFACTURER'S INSTALLATION INSTRUCTIONS AND WRITTEN SPECIFICATIONS.
15. CONTRACTOR SHALL DIRECT SURFACE RUNOFF TO AVOID DAMAGING WALL WHILE UNDER CONSTRUCTION.
16. ANY SURFACE DRAINAGE FEATURES, FINISH GRADING, PAVEMENT, OR TURF SHALL BE INSTALLED IMMEDIATELY AFTER WALL IS COMPLETED.
17. FOLLOW APPLICABLE PROVISIONS OF THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND WRITTEN SPECIFICATIONS.

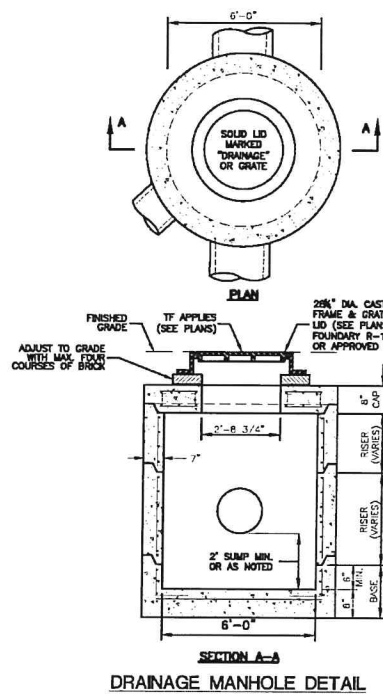
LINE POSTS:	NPS DESIGNATOR	O.D.	HEIGHT (LBS./FT.)
TERMINAL POSTS:	2 1/2"	2.875"	5.79
GATE POSTS:	3 1/2"	4.000"	8.11
TOP, CENTER, BOTTOM AND BRACE RAILS:	1 1/2"	1.680"	2.27



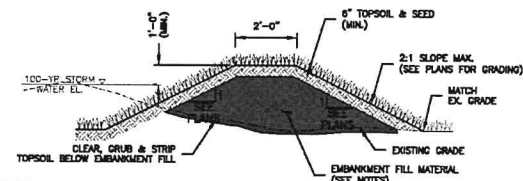
TYPICAL CHAIN LINK FENCE DETAIL
NOT TO SCALE



TYP. TRENCH DETAIL
NOT TO SCALE

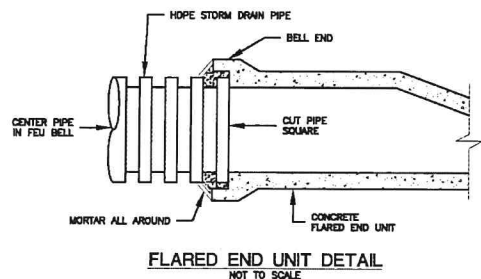


SECTION A-A DRAINAGE MANHOLE DETAIL
NOT TO SCALE

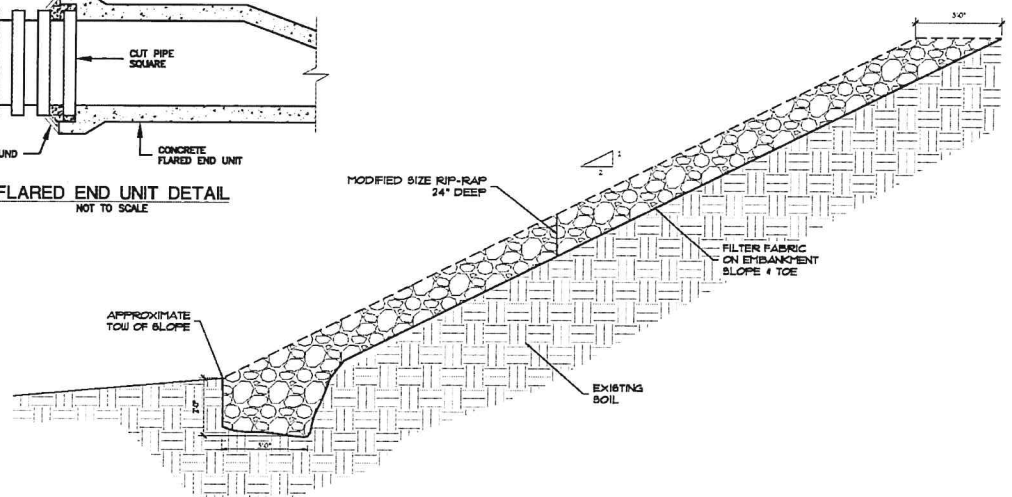


- NOTES:**
1. EMBAKMENT FILL MATERIAL SHALL CONSIST OF THE FOLLOWING:
 - A. CLEAN MINERAL SOIL, FREE OF ROOTS, WOODY VEGETATION, STUMPS, SOD, OVERSIZED STONES, ROCKS, OR OTHER ORGANIC UNSUITABLE MATERIAL.
 - B. SHALL BE A NON-FREE DRAINING GLACIAL TILL.
 - C. MATERIAL SHALL CONTAIN AT LEAST 12% PASSING THE #200 SIEVE AND NOT MORE THAN 50% PASSING THE #100 SIEVE.
 - D. NO STONES LARGER THAN 6" SHALL BE ALLOWED WITHIN THE EMBAKMENT.
 - E. NO STONES LARGER THAN 3" SHALL BE ALLOWED WITHIN 2 FEET OF STRUCTURES.
 2. EMBAKMENT FILL SHALL BE PLACED IN MAXIMUM 9" LIFTS. THE EXISTING GRADE AND THE SURFACE OF EACH LIFT SHALL BE SCARIFIED PRIOR TO THE PLACEMENT OF THE NEXT LIFT.
 3. EMBAKMENT FILL SHALL BE COMPACTED TO 80%-85% STANDARD PROCTOR COMPACTION.

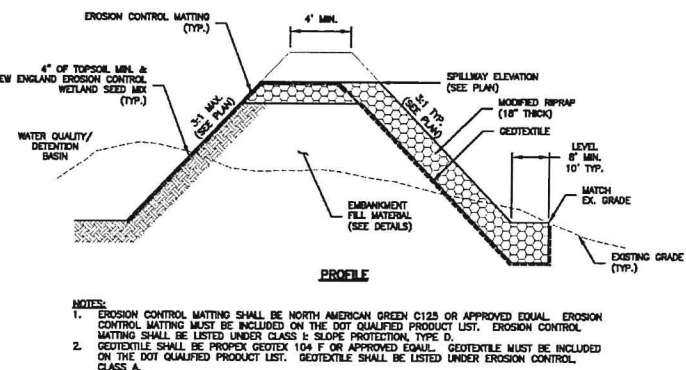
STORMWATER QUALITY BASIN EMBAKMENT FILL SECTION DETAIL
NOT TO SCALE



FLARED END UNIT DETAIL
NOT TO SCALE



RIP-RAP EMBAKMENT DETAIL (PROVISIONAL)
NOT TO SCALE



- NOTES:**
1. EROSION CONTROL MATTING SHALL BE NORTH AMERICAN GREEN C125 OR APPROVED EQUAL. EROSION CONTROL MATTING SHALL BE LISTED UNDER CLASS 1: SLOPE PROTECTION, TYPE D.
 2. GEOTEXTILE SHALL BE PROPEX GEOTEX 104 F OR APPROVED EQUAL. GEOTEXTILE MUST BE INCLUDED ON THE DOT QUALIFIED PRODUCT LIST. GEOTEXTILE SHALL BE LISTED UNDER EROSION CONTROL, CLASS A.

STORMWATER QUALITY BASIN OUTLET DETAIL
NOT TO SCALE

<p>CLA Engineers, Inc. CIVIL • STRUCTURAL • SURVEYING</p> <p>317 Main Street Norwich, CT 06360 (860) 886-1986 Fax (860) 886-9165</p>		Project No. CLA-7093
		Proj. Engineer D.P.H.
<p>TOWN OF LISBON</p> <p>LISBON FIRE STATION SITE PREPARATION 25 NEWENT ROAD (Route 138)</p> <p>DETAILS</p>		Date: 04/14/22
<p>No. DATE REVISION</p>		Sheet No. 6