

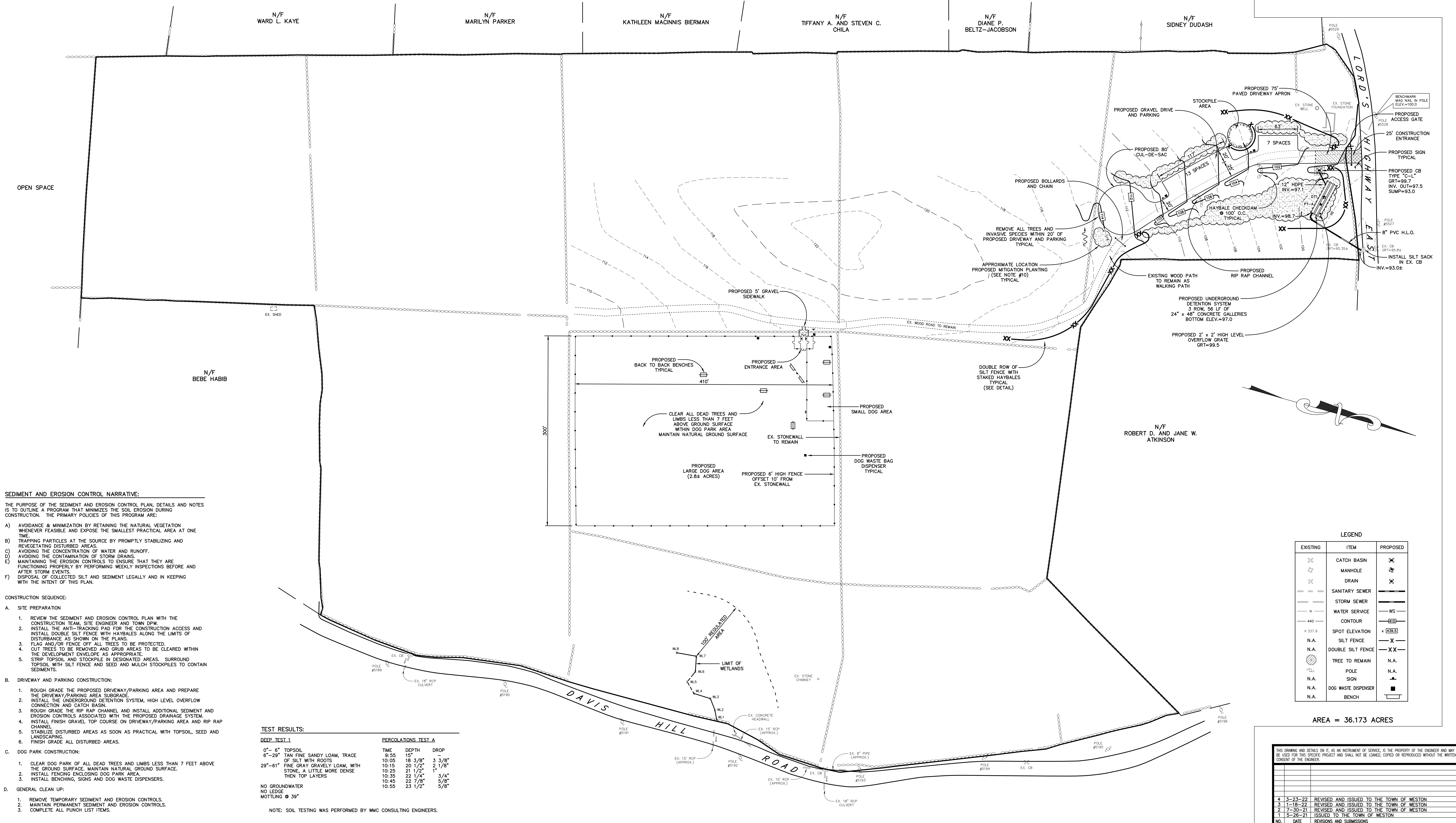
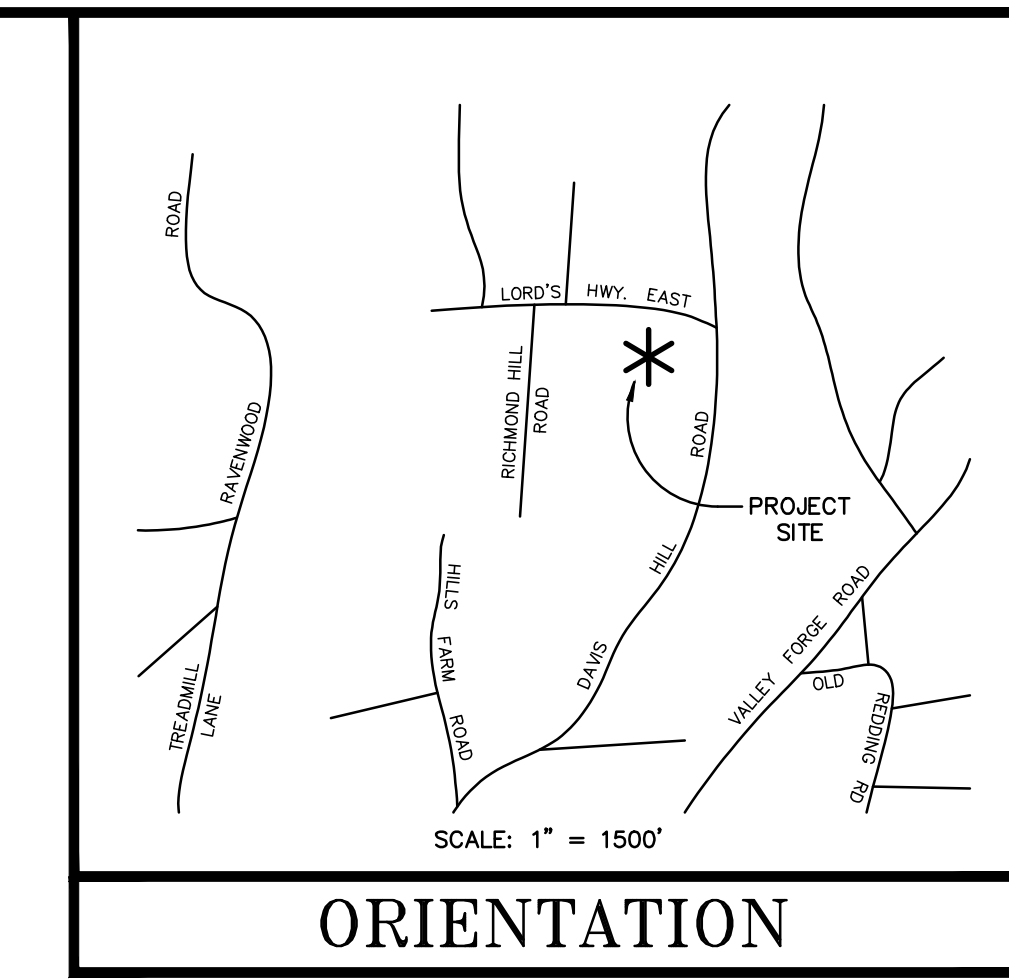
**NOTES:**

- EXISTING UTILITIES, STRUCTURES, TOPOGRAPHY AND PROPERTY LINE INFORMATION SHOWN HEREON ARE TAKEN FROM THE "PROPERTY SURVEY" PREPARED FOR THE TOWN OF WESTON BY PAH, INC. - LAND SURVEYORS OF NEW MILFORD, CT, DATED AUGUST 19, 2016, LAST REVISED OCTOBER 17, 2017.
- LOCATIONS OF EXISTING UNDERGROUND STRUCTURES AND UTILITIES INDICATED HEREON ARE TAKEN FROM DESIGN DRAWINGS, FIELD OBSERVATIONS, AND OTHER SOURCES OF INFORMATION AND ARE NOT TO BE CONSTRUED AS AN ACCURATE "AS-BUILT" SURVEY. THE CONTRACTOR SHALL EXCAVATE TEST HOLES, CONTACT CALL BEFORE YOU DIG, AND PERFORM WHATEVER ADDITIONAL VERIFICATION NECESSARY TO VERIFY THE EXISTING INFORMATION. THE PROJECT ENGINEER SHALL BE PROMPTLY NOTIFIED OF ANY APPARENT CONFLICTS BETWEEN EXISTING UTILITIES AND PROPOSED WORK.
- THE PURPOSE OF THIS PLAN IS TO SHOW THE PROPOSED GRAVEL DRIVEWAY, PARKING AREAS, SITE GRADING, STORMWATER MANAGEMENT AND SOIL EROSION CONTROLS ASSOCIATED WITH THE CONSTRUCTION OF THE NEW DOG PARK.
- COORDINATE SIGN, BENCH AND DOG WASTE DISPENSER LOCATIONS WITH TOWN OF WESTON DOG PARK COMMITTEE.
- ALL CONSTRUCTION SHALL CONFORM TO THE TOWN OF WESTON STANDARD DETAILS AND SPECIFICATIONS. IN THE ABSENCE OF LOCAL STANDARDS, THE WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CONNECTICUT DEPARTMENT OF TRANSPORTATION SPECIFICATION FORM 81B, LATEST EDITION.
- SOIL AND EROSION CONTROL MEASURES SHOWN HEREON SHALL BE PROPERLY INSTALLED PRIOR TO THE START OF CONSTRUCTION, INSPECTED AND REPAIRED WEEKLY AND BEFORE AND AFTER STORM EVENTS, AND MAINTAINED IN FUNCTIONAL CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.
- THE STORMWATER MANAGEMENT FACILITIES SHOWN ON THIS PLAN, IF PROPERLY INSTALLED AND MAINTAINED, SHALL CONTROL THE STORMWATER RUNOFF FROM THE SITE.
- SITE GRADING INDICATED ON THIS PLAN IS IN CONFORMANCE WITH THE WESTON ZONING REGULATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS PRIOR TO THE COMMENCEMENT OF THE WORK.
- SEE THE "NOFA - ORGANIC LAND CARE ACCREDITATION PRACTICUM" PREPARED BY DR. TOM FAILLA, WESTON, CT TREE WARDEN, DATED AUGUST 30, 2021, LAST REVISED SEPTEMBER 26, 2021, FOR ADDITIONAL INFORMATION ON THE PROPOSED MITIGATION PLANTING PLAN.

**GENERAL SEDIMENT AND EROSION CONTROL NOTES:**

- SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION.
- COORDINATE THE CONSTRUCTION WITH THE TOWN OF WESTON DPW PRIOR TO BEGINNING WORK.
- EXISTING TREES TO BE SAVED SHALL BE PROTECTED BY FLAGGING AND/OR SNOW FENCING AT THE DRIP LINE WHICH SHALL BE MAINTAINED DURING CONSTRUCTION.
- DUE TO THE VARIABLE LOCATION OF CONSTRUCTION, THE USE OF ANTI-TRACKING APRONS WILL BE ON AN "AS-NEEDED" BASIS DETERMINED IN THE FIELD. WHEN ANTI-TRACKING APRONS ARE USED, THEY SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. APRONS SHALL CONSIST OF 2" - 4" CRUSHED STONE WITH A MINIMUM THICKNESS OF 8 INCHES. EACH APRON SHALL BE APPROXIMATELY 25 FEET LONG AND EXTEND THE WIDTH OF THE CONSTRUCTION ACCESS.
- SILT FENCE AND OTHER SEDIMENT CONTROL MEASURES MUST BE INSTALLED IN ACCORDANCE WITH THE DRAWINGS AND SPECIFIC MANUFACTURER'S RECOMMENDATIONS.
- SILT FENCE SHALL BE MIRAFI ENVROFENCE OR EQUIVALENT APPROVED BY THE DESIGN ENGINEER.
- ADDITIONAL SEDIMENT AND EROSION CONTROLS MAY BE INSTALLED DURING THE CONSTRUCTION PERIOD IF FOUND NECESSARY BY THE INSPECTING ENGINEER OR ANY GOVERNING AGENCY.
- AFTER EACH STORM EVENT OR AT LEAST ONCE WEEKLY, ALL SEDIMENT AND EROSION CONTROLS WILL BE INSPECTED. CORRECTIVE MEASURES TO MITIGATE ENVIRONMENTAL CONCERNS WILL BE ORDERED BY THE DESIGN ENGINEER AND/OR GOVERNING AGENCY, IF REQUIRED.
- ALL PERMANENT AND TEMPORARY SEDIMENT CONTROL MEASURES WILL BE MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD. UPON COMPLETION OF WORK, ALL TEMPORARY SEDIMENT CONTROL DEVICES SHALL BE REMOVED FROM THE SITE AND ANY COLLECTED SEDIMENTS FROM THE DEVICES SHALL BE DISPOSED OF LEGALLY AND IN KEEPING WITH THE INTENT OF THIS PLAN.
- LAND DISTURBANCE SHALL BE KEPT TO A MINIMUM. ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED. APPLY GRASS SEED AT A RATE OF APPROXIMATELY 120 LBS./ACRE. SEED MIX WILL VARY FROM UPLAND TO WETLAND BUFFER AREAS. MULCH AFTER SEEDING UPLAND AT A RATIO OF 1000 LBS./ACRE.
- EFFECTED PORTIONS OF OFFSITE ROADS MUST BE SWEEPED CLEAN WHEN REQUIRED.
- ALL EROSION AND SEDIMENTATION CONTROL MEASURES WILL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL," DATED MAY 2002.

TOTAL AREA OF ACTIVITY = 4.1± ACRES  
 DOG PARK = 2.8± ACRES  
 ROADWAY AND PARKING = 1.3± ACRES



**SEDIMENT AND EROSION CONTROL NARRATIVE:**

THE PURPOSE OF THE SEDIMENT AND EROSION CONTROL PLAN, DETAILS AND NOTES IS TO OUTLINE A PROGRAM THAT MINIMIZES THE SOIL EROSION DURING CONSTRUCTION. THE PRIMARY POLICIES OF THIS PROGRAM ARE:

- AVOIDANCE & MINIMIZATION BY RETAINING THE NATURAL VEGETATION WHENEVER FEASIBLE AND EXPOSE THE SMALLEST PRACTICAL AREA AT ONE TIME.
- TRAPPING PARTICLES AT THE SOURCE BY PROMPTLY STABILIZING AND REVEGETATING DISTURBED AREAS.
- AVOIDING THE CONCENTRATION OF WATER AND RUNOFF.
- AVOIDING THE CONTAMINATION OF STORM DRAINS.
- MAINTAINING THE EROSION CONTROLS TO ENSURE THAT THEY ARE FUNCTIONING PROPERLY BY PERFORMING WEEKLY INSPECTIONS BEFORE AND AFTER STORM EVENTS.
- DISPOSAL OF COLLECTED SILT AND SEDIMENT LEGALLY AND IN KEEPING WITH THE INTENT OF THIS PLAN.

**CONSTRUCTION SEQUENCE:**

- SITE PREPARATION**
  - REVIEW THE SEDIMENT AND EROSION CONTROL PLAN WITH THE CONSTRUCTION TEAM, SITE ENGINEER AND TOWN DPW.
  - INSTALL THE ANTI-TRACKING PAD FOR THE CONSTRUCTION ACCESS AND INSTALL DOUBLE SILT FENCE WITH HAYBALES ALONG THE LIMITS OF DISTURBANCE AS SHOWN ON THE PLANS.
  - FLAG AND/OR FENCE OFF ALL TREES TO BE PROTECTED.
  - CUT TREES TO BE REMOVED AND GRUB AREAS TO BE CLEARED WITHIN THE DEVELOPMENT ENVELOPE AS APPROPRIATE.
  - STRIP TOPSOIL AND STOCKPILE IN DESIGNATED AREAS. SURROUND TOPSOIL WITH SILT FENCE AND SEED AND MULCH STOCKPILES TO CONTAIN SEDIMENTS.
- DRIVEWAY AND PARKING CONSTRUCTION:**
  - ROUGH GRADE THE PROPOSED DRIVEWAY/PARKING AREA AND PREPARE THE DRIVEWAY/PARKING AREA SUBGRADE.
  - INSTALL THE UNDERGROUND DETENTION SYSTEM, HIGH LEVEL OVERFLOW CONNECTION AND CATCH BASIN.
  - ROUGH GRADE THE RIP RAP CHANNEL AND INSTALL ADDITIONAL SEDIMENT AND EROSION CONTROLS ASSOCIATED WITH THE PROPOSED DRAINAGE SYSTEM.
  - INSTALL FINISH GRAVEL TOP COURSE ON DRIVEWAY/PARKING AREA AND RIP RAP CHANNEL.
  - STABILIZE DISTURBED AREAS AS SOON AS PRACTICAL WITH TOPSOIL, SEED AND LANDSCAPING.
  - FINISH GRADE ALL DISTURBED AREAS.
- DOG PARK CONSTRUCTION:**
  - CLEAR DOG PARK OF ALL DEAD TREES AND LIMBS LESS THAN 7 FEET ABOVE THE GROUND SURFACE. MAINTAIN NATURAL GROUND SURFACE.
  - INSTALL FENCING ENVELOPING DOG PARK AREA.
  - INSTALL BENCHING, SIGNS AND DOG WASTE DISPENSERS.
- GENERAL CLEAN UP:**
  - REMOVE TEMPORARY SEDIMENT AND EROSION CONTROLS.
  - MAINTAIN PERMANENT SEDIMENT AND EROSION CONTROLS.
  - COMPLETE ALL PUNCH LIST ITEMS.

**TEST RESULTS:**

DEEP TEST 1		PERCOLATIONS TEST A		
DEPTH	TIME	DEPTH	TIME	DROP
0" - 6" TOPSOIL	9:55	15"	10:05	3 3/8"
6" - 20" TAN FINE SANDY LOAM, TRACE OF SILT WITH ROOTS	10:15	20 1/2"	10:25	2 1/8"
20" - 61" FINE GRAY GRAVELLY LOAM, WITH STONE, A LITTLE MORE DENSE THEN TOP LAYERS	10:35	22 1/4"	10:45	3/4"
		23 1/2"	10:55	5/8"

NO GROUNDWATER  
 NO LEDGE  
 MOTTLING @ 39"

NOTE: SOIL TESTING WAS PERFORMED BY WMC CONSULTING ENGINEERS.

**LEGEND**

EXISTING	ITEM	PROPOSED
⊘	CATCH BASIN	⊘
⊙	MANHOLE	⊙
⊚	DRAIN	⊚
—	SANITARY SEWER	—
—	STORM SEWER	—
—	WATER SERVICE	—
—	CONTOUR	—
+	SPOT ELEVATION	+
N.A.	SILT FENCE	X
N.A.	DOUBLE SILT FENCE	XX
N.A.	TREE TO REMAIN	N.A.
N.A.	POLE	N.A.
N.A.	SIGN	N.A.
N.A.	DOG WASTE DISPENSER	N.A.
N.A.	BENCH	N.A.

AREA = 36.173 ACRES

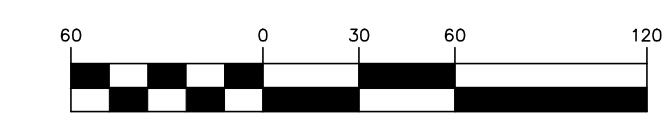
4	3-23-22	REVISED AND ISSUED TO THE TOWN OF WESTON
3	1-18-22	REVISED AND ISSUED TO THE TOWN OF WESTON
2	7-30-21	REVISED AND ISSUED TO THE TOWN OF WESTON
1	5-28-21	ISSUED TO THE TOWN OF WESTON

**McChord Engineering Associates, Inc.**  
 Civil Engineers and Land Planners  
 1 Grumman Hill Road  
 Wilton, CT 06897 (203) 834-0569

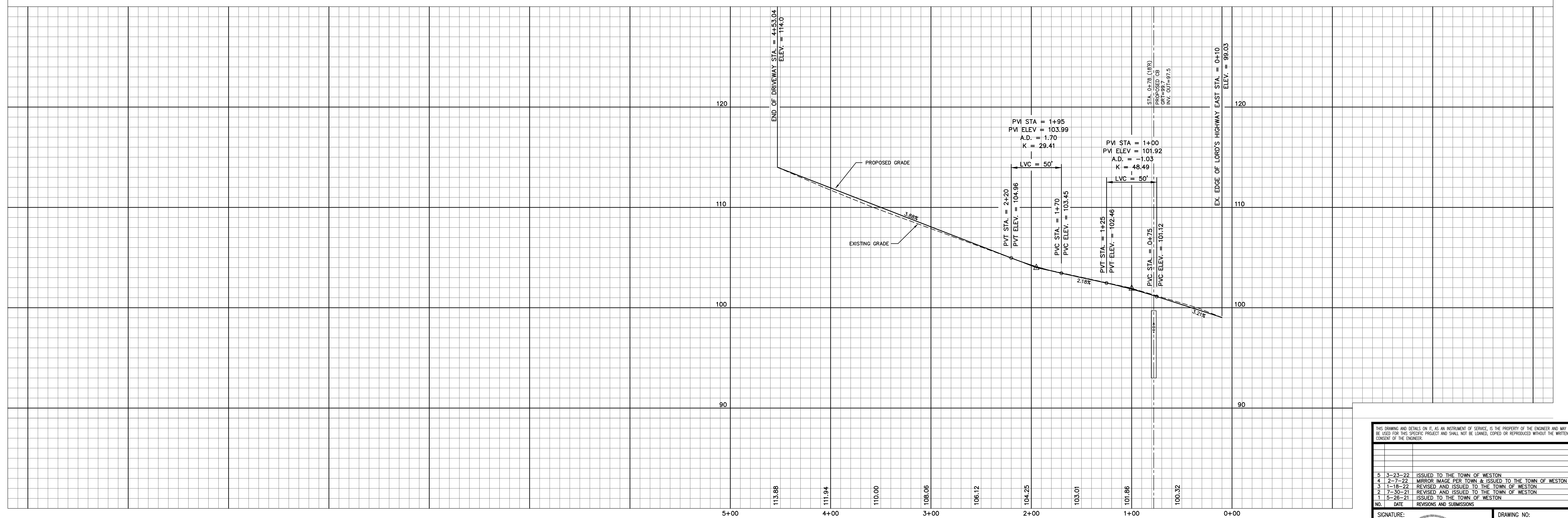
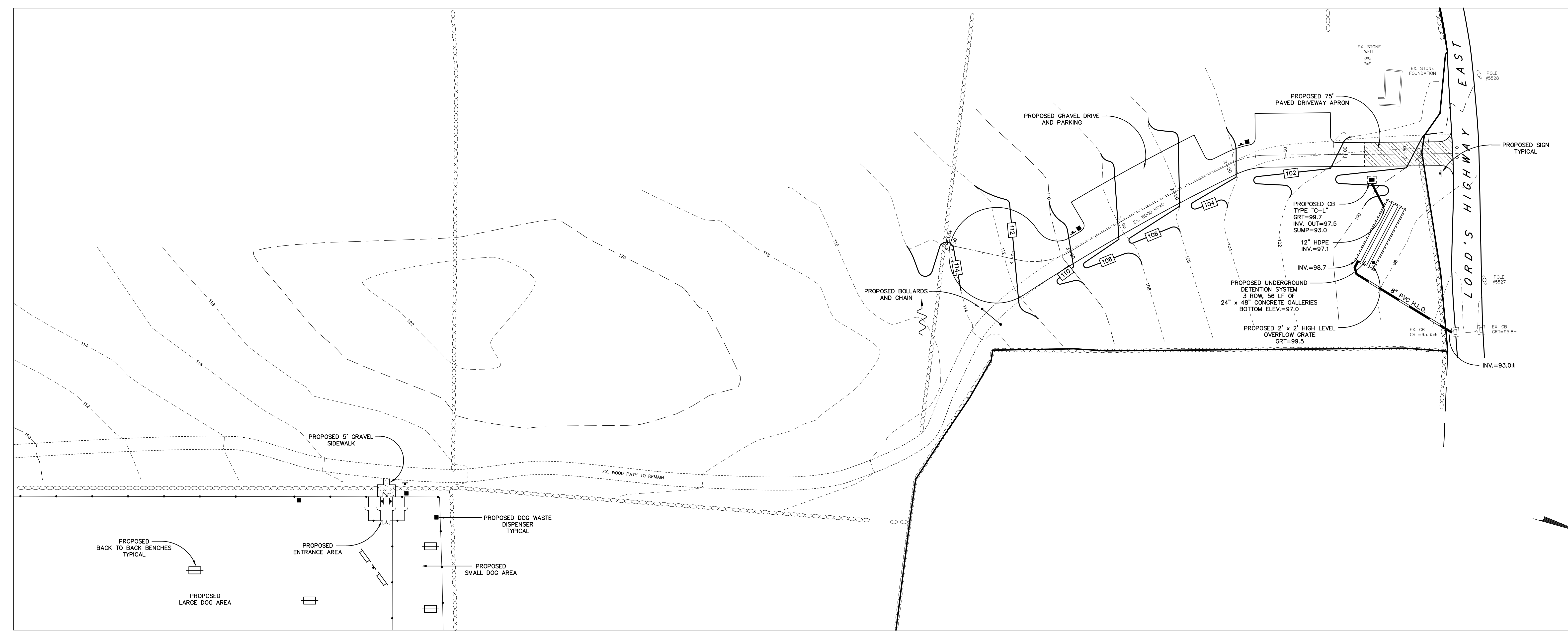
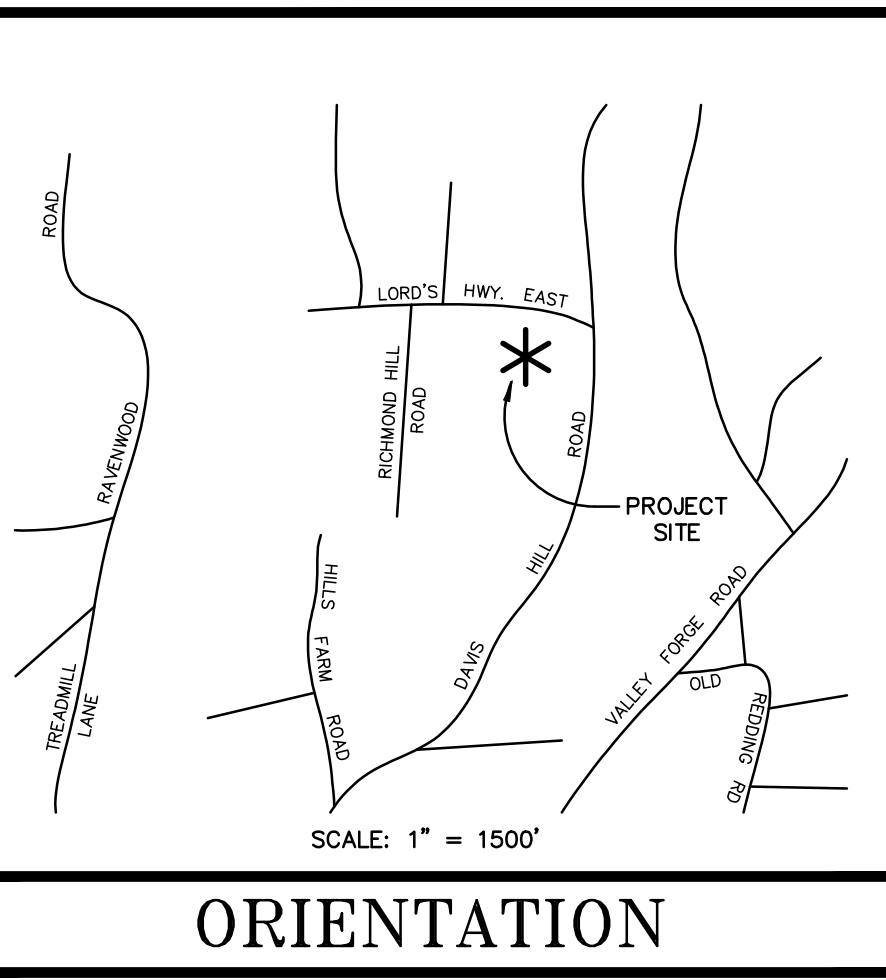
PLAN PREPARED FOR  
 THE TOWN OF WESTON  
 WESTON, CONNECTICUT

OVERALL SITE PLAN  
 "WESTON DOG PARK"  
 DAVIS HILL ROAD AND LORD'S HIGHWAY EAST  
 WESTON, CONNECTICUT

JOB NO: 2181A-1 DATE: MAY 26, 2021  
 DRAWN BY: DRS CHECKED BY: TSN, HMR  
 SCALE: 1" = 60'



SIGNATURE: [Signature]  
 DRAWING NO: SE1  
 SHEET 1 OF 3



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NO.	DATE	REVISIONS AND SUBMISSIONS
5	3-23-22	ISSUED TO THE TOWN OF WESTON
4	2-7-22	MIRROR IMAGE PER TOWN & ISSUED TO THE TOWN OF WESTON
3	1-18-22	REVISED AND ISSUED TO THE TOWN OF WESTON
2	7-30-21	REVISED AND ISSUED TO THE TOWN OF WESTON
1	5-28-21	ISSUED TO THE TOWN OF WESTON

SIGNATURE: \_\_\_\_\_

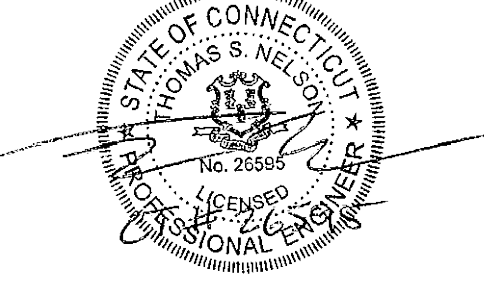
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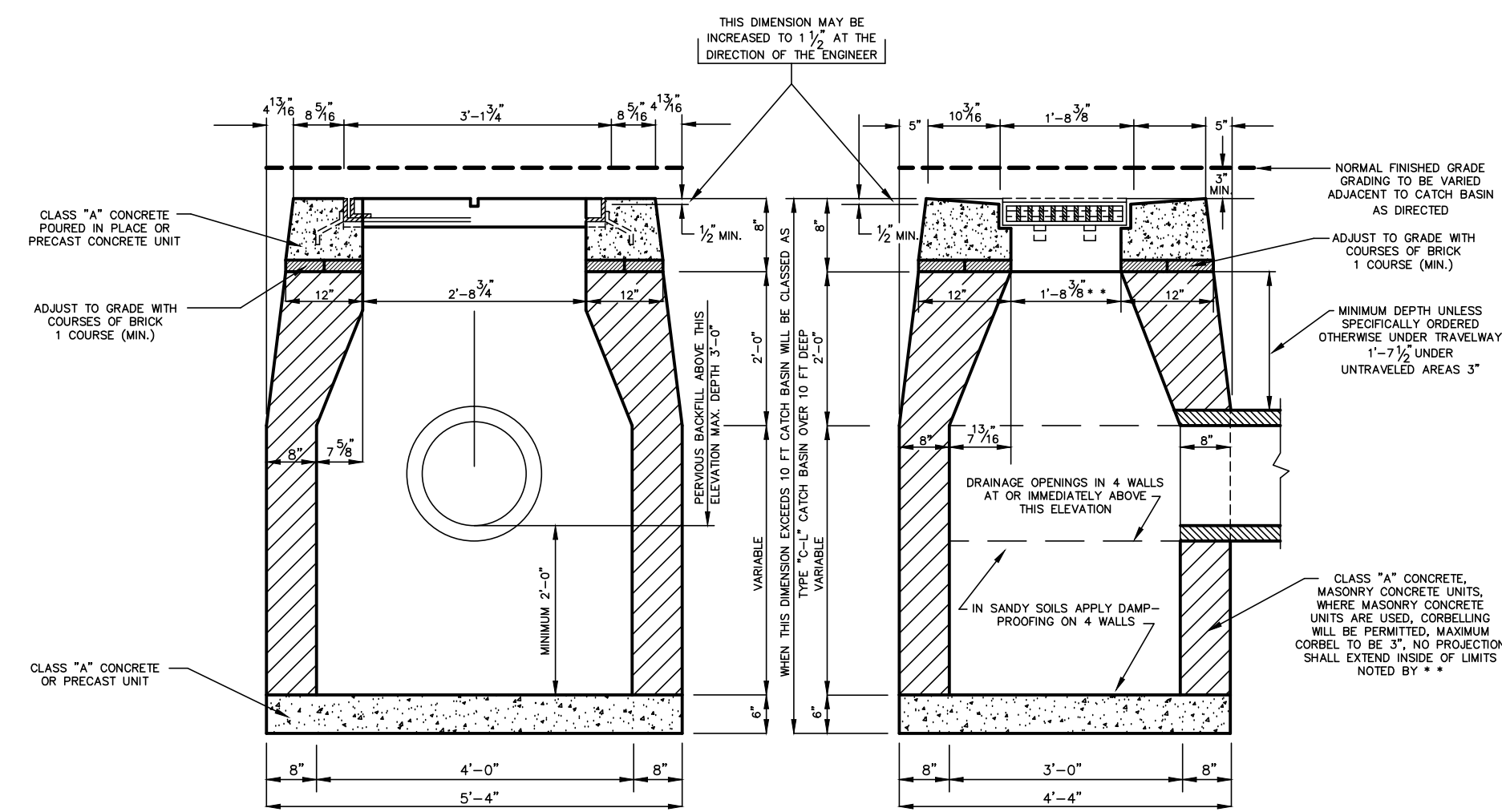
PLAN PREPARED FOR  
THE TOWN OF WESTON  
WESTON, CONNECTICUT

PLAN AND PROFILE  
"WESTON DOG PARK"  
DAVIS HILL ROAD AND LORD'S HIGHWAY EAST  
WESTON, CONNECTICUT

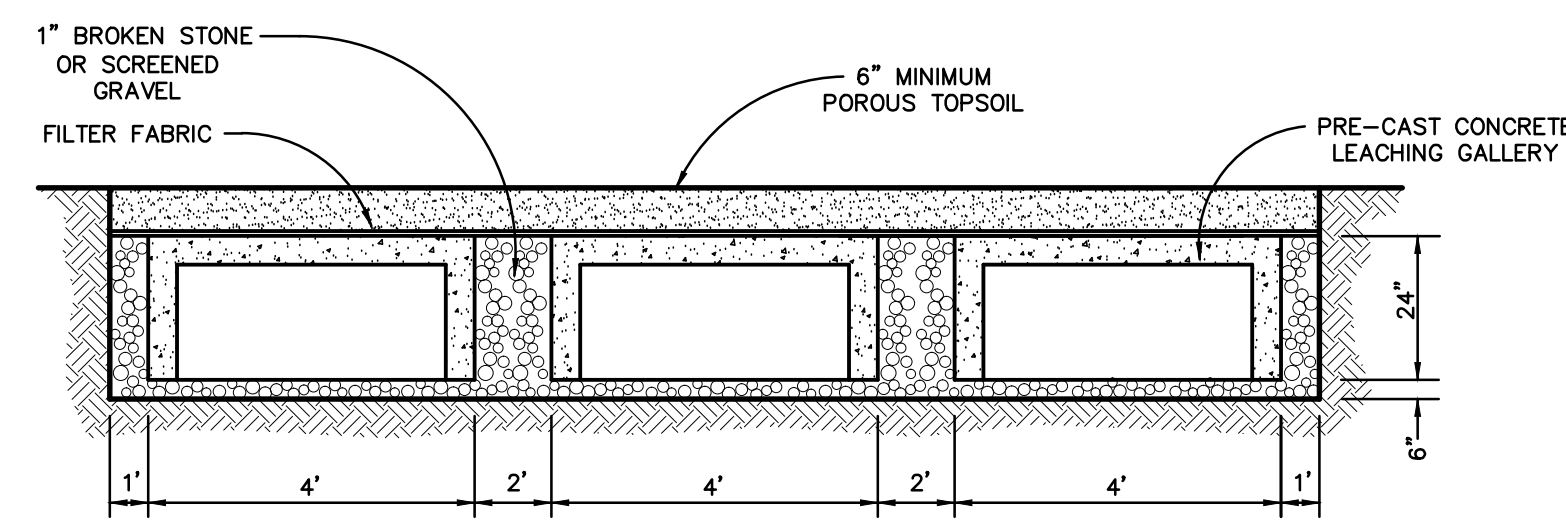
JOB NO: 2181A-1 DATE: MAY 26, 2021  
DRAWN BY: DRS CHECKED BY: TSN, HMR  
SCALE: HORIZ: 1"=40', VERT: 1"=4'



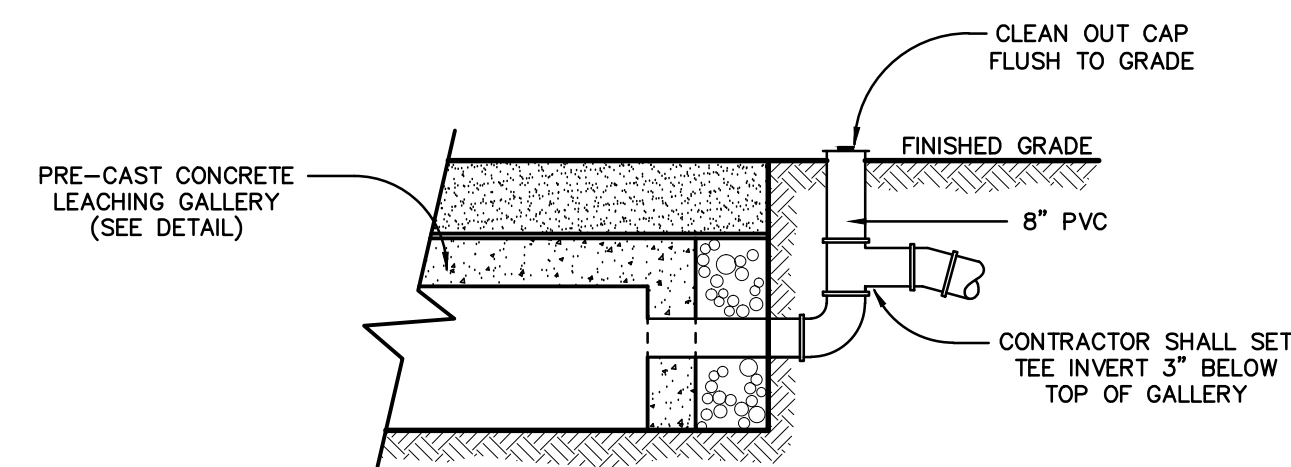
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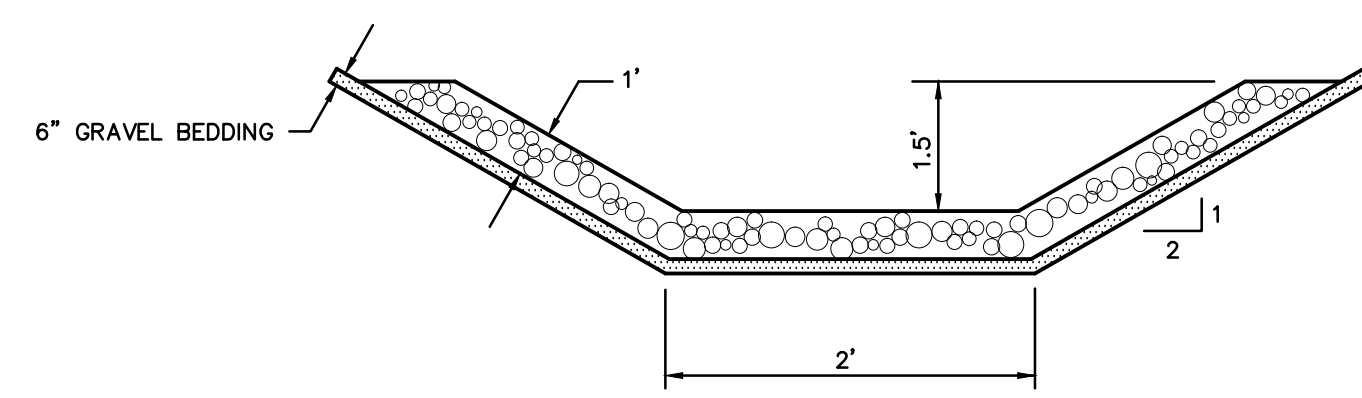
CATCH BASIN DETAIL  
N.T.S.



24" x 48" UNDERGROUND DETENTION SYSTEM GALLERY DETAIL  
N.T.S.



UNDERGROUND DETENTION SYSTEM HIGH LEVEL OVERFLOW OUTLET DETAIL  
N.T.S.

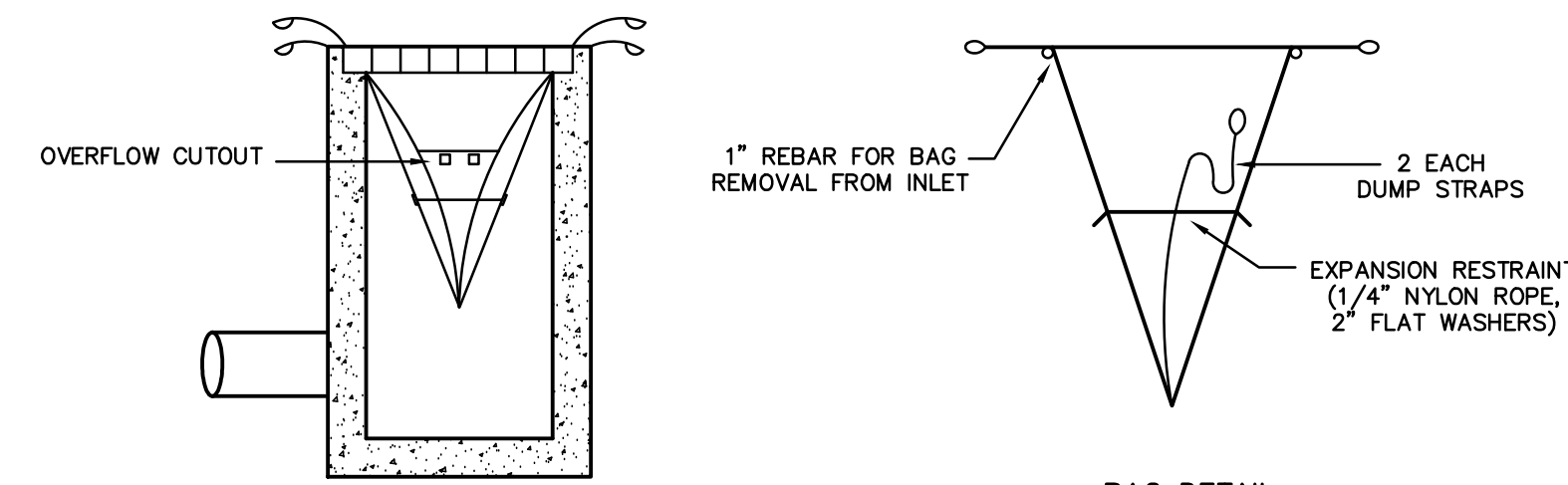


MODIFIED RIP RAP - THIS MATERIAL SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

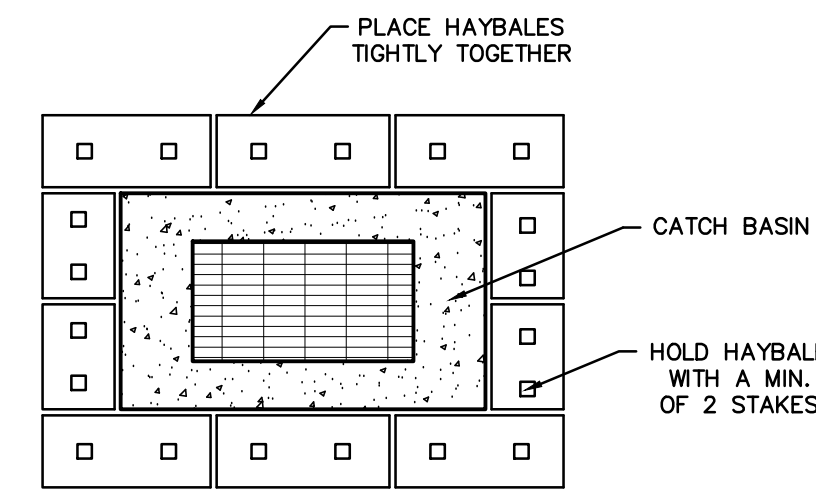
STONE SIZE	PERCENT OF THE MASS
10" OR OVER	0
6" TO 10"	20-50
4" TO 6"	30-60
2" TO 4"	30-60
1" TO 2"	10-20
LESS THAN 1"	0-10

SOURCE - U.S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, STORRS, CONNECTICUT

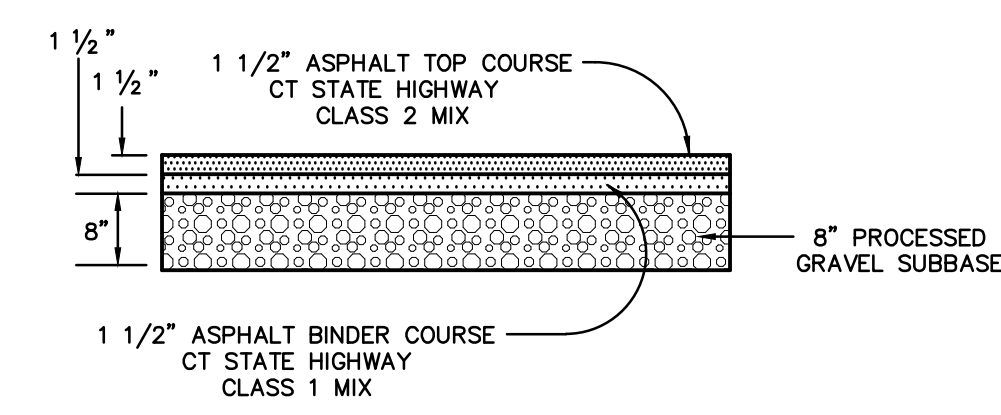
RIP RAP CHANNEL DETAIL  
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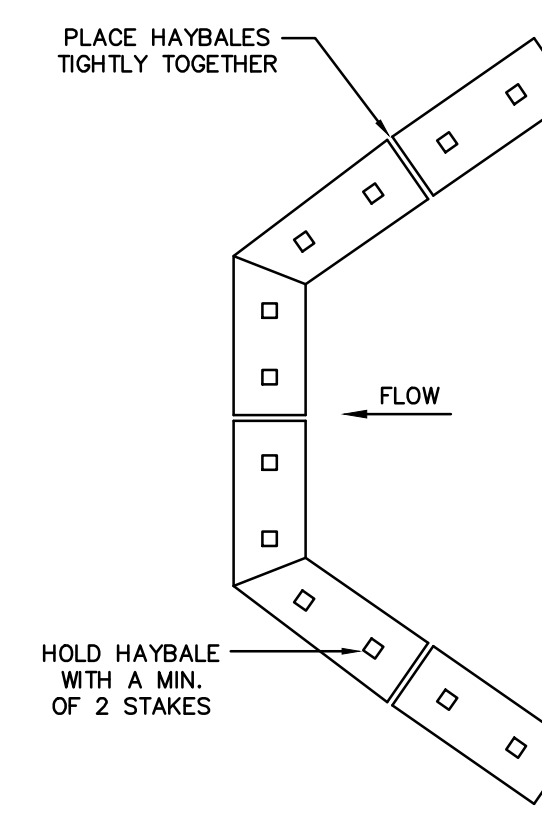
SILT SACK DETAIL  
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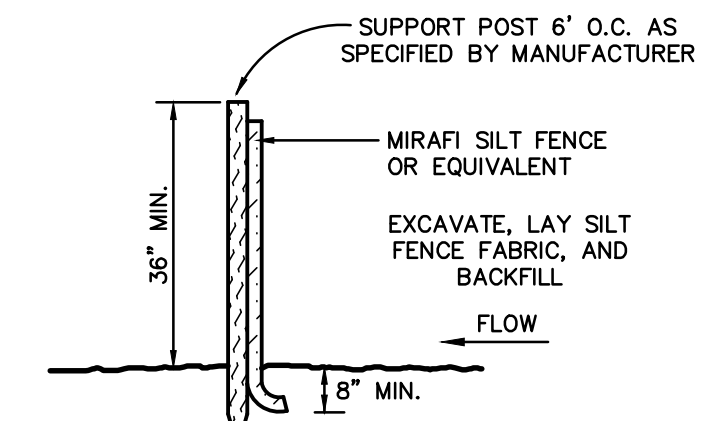
HAYBALE RING DETAIL  
N.T.S.



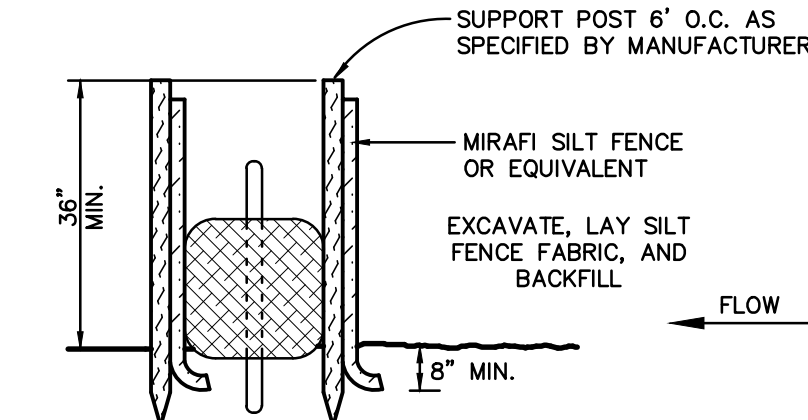
PAVED APRON DETAIL  
N.T.S.



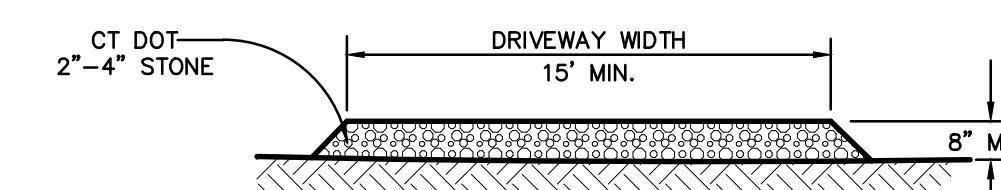
HAYBALE CHECK DAM DETAIL  
N.T.S.



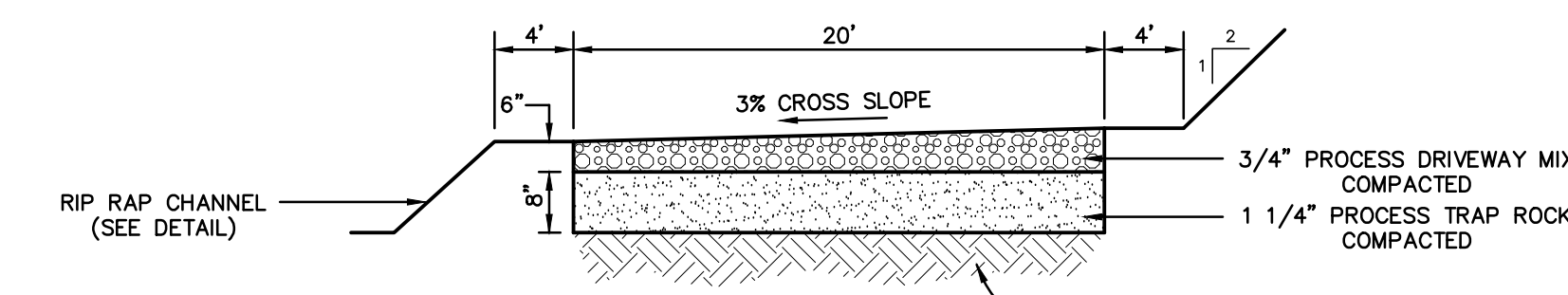
SILT FENCE DETAIL  
N.T.S.



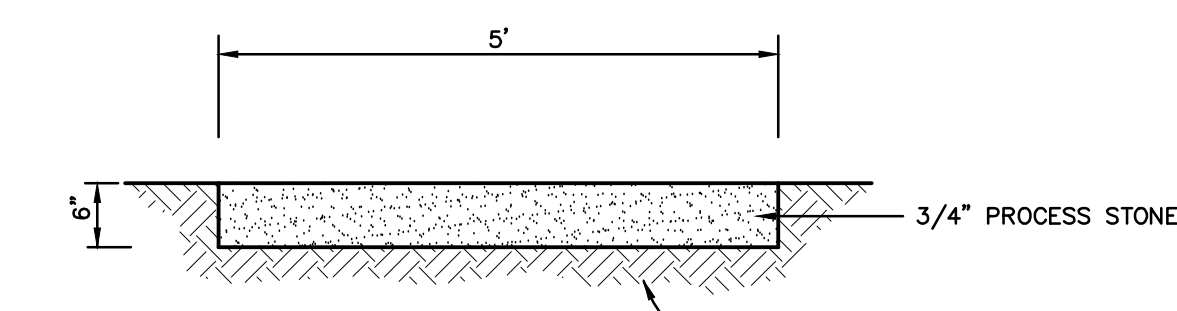
DOUBLE ROW SILT FENCE BACKED WITH STAKED HAYBALE DETAIL  
N.T.S.



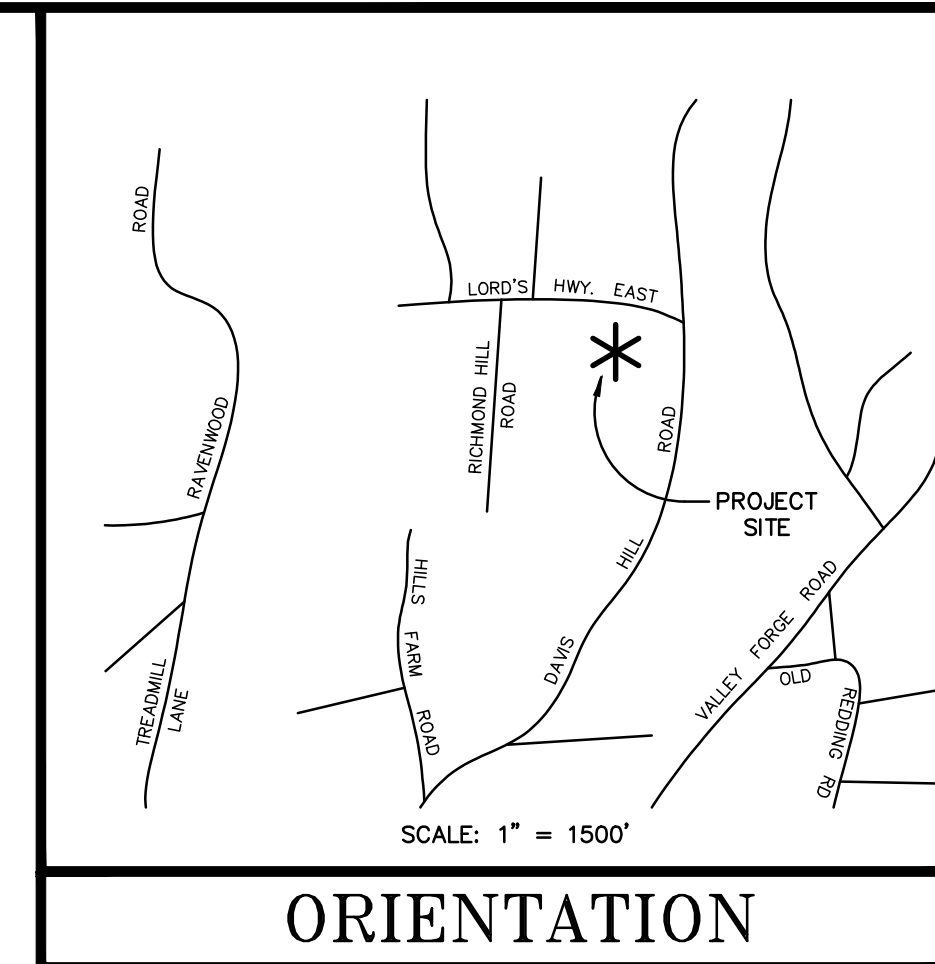
CONSTRUCTION ENTRANCE DETAIL  
N.T.S.



GRAVEL DRIVEWAY DETAIL  
N.T.S.



GRAVEL WALK DETAIL  
N.T.S.

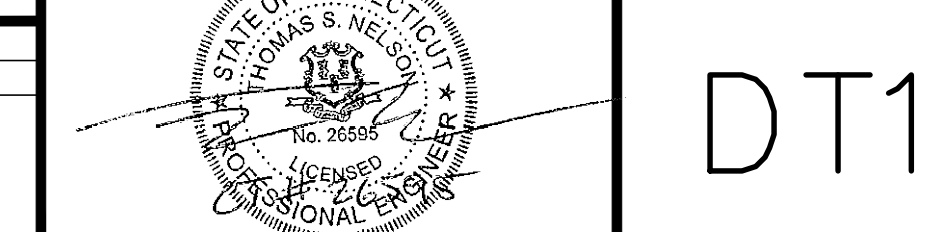


ORIENTATION

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DT1

