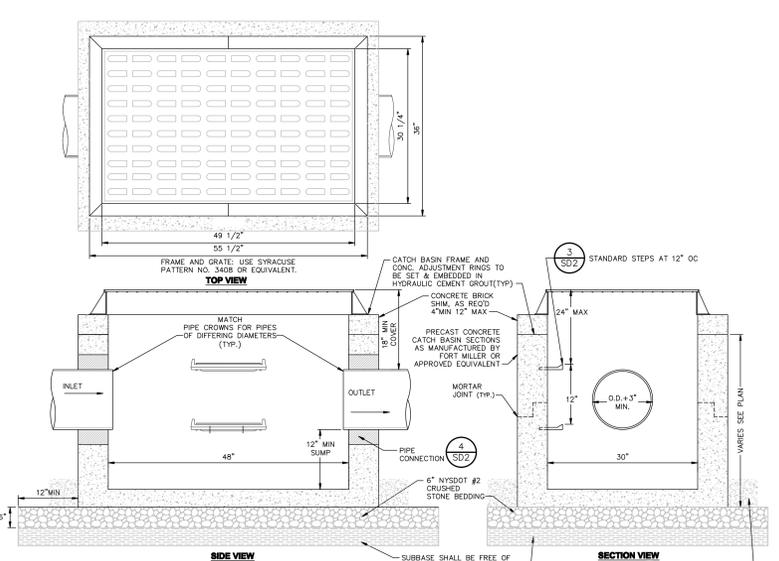


- NOTES:**
1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85.
  2. OUT FABRIC FROM CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED, OVERLAP TO THE NEXT STAKE.
  3. STAKE MATERIALS WILL BE STANDARD 2"x4" WOOD OR EQUIVALENT, WITH A MINIMUM LENGTH OF 3 FEET.
  4. SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE MINIMUM 18" DEEP. SPACES GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND FABRIC FOR SUPPORT.
  5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
  6. A 2"x4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVERFLOW STABILITY.
  7. MAXIMUM DRAINAGE AREA IS 1 ACRE.
  8. INLET PROTECTION SHALL REMAIN IN-PLACE UNTIL SITE HAS BEEN STABILIZED.

**1 TEMPORARY OUT OF PAVEMENT FILTER FABRIC DROP INLET PROTECTION DETAIL**  
SCALE: NOT TO SCALE



- NOTES:**
1. CATCH BASIN SHALL BE PRECAST CONCRETE DESIGNED FOR HS20-44 VEHICULAR LOADING AND 20% IMPACT.
  2. FRAME AND COVER SHALL BE DESIGNED FOR HS20-44 VEHICULAR LOADING & 20% IMPACT.
  3. CONCRETE CATCH BASIN CASTING CLEAR OPENING DIMENSION MUST MATCH FRAME AND GRATE CLEAR OPENING DIMENSION.
  4. CATCH BASINS HAVING A DEPTH GREATER THAN 48" FROM FINISHED SURFACE TO THE TOP OF THE CONCRETE BASE SHALL BE PROVIDED WITH STEPS.
  5. BACKFILL USING TRENCH BACKFILL, COMPACTED IN 6" LIFTS.
  6. SUMPS FOR CATCH BASINS SHALL BE 12".

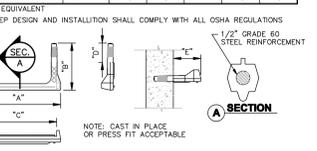
**2 PRECAST CONCRETE RECTANGULAR CATCH BASIN DETAIL**  
SCALE: NOT TO SCALE

**STORM SEWER NOTES:**

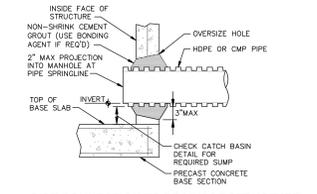
1. ALL STORM WATER MANAGEMENT STRUCTURES (IE. CATCH BASIN, ETC.) SHALL BE REGULARLY INSPECTED FOR SEDIMENT ACCUMULATION. CATCH BASINS SHALL BE CLEANED WHEN SEDIMENT DEPTH REACHES A MAXIMUM OF 1/2 THE AVAILABLE SUMP DEPTH.
2. IF GROUNDWATER IS ENCOUNTERED DURING CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL CONSTRUCT A DEWATERING PIT (A.K.A. SUMP PIT) TO TREAT AND FILTER WATER FOR PUMPING TO A SUITABLE DISCHARGE AREA. THE DEWATERING PIT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE NEW YORK STATE GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL, LATEST EDITION.
3. ALL EROSION CONTROL MEASURES EMPLOYED DURING THE CONSTRUCTION PROCESS SHALL BE AS OUTLINED ON THE EROSION AND SEDIMENT CONTROL PLANS, DETAILS AND NOTES.

**ACCEPTABLE MANHOLE STEPS**

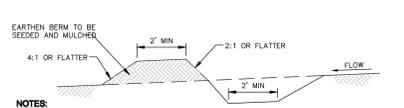
MANUFACTURER	PATTERN NUMBER	STEP WIDTH	LEG LENGTH	RUNG CLEAR	EMBEDMENT	RUNG CLEAR
M.A. INDUSTRIES INC.	PS2-PF	15 7/16	9 3/8	14	3 3/8	6"
M.A. INDUSTRIES INC.	PS2-PFS	15 7/16	8 1/2	14	3 3/8	5 1/8"



**3 COPOLYMER POLYPROPYLENE MH STEP**  
SCALE: NOT TO SCALE



**4 PIPE CONNECTION TO DRAINAGE STRUCTURE OR HDPE CEMENT GROUT SEAL JOINT**  
SCALE: NOT TO SCALE

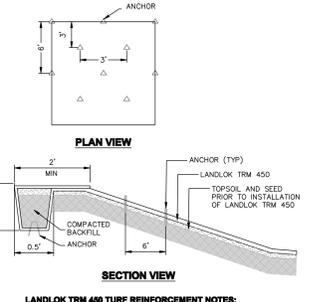


- NOTES:**
1. ALL PERIMETER DIKE/SWALE SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET.
  2. DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
  3. DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET INTO AN UNDISTURBED STABILIZED AREA AT NON-EROSION VELOCITY.
  4. THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED IN THE STANDARD.
  5. STABILIZATION OF THE AREA DISTURBED BY THE DIKE AND SWALE SHALL BE DONE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS FOR SEED AND STRAW MULCHING, AND SHALL BE DONE WITHIN 10 CALENDAR DAYS.
  6. PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.
  7. MAXIMUM DRAINAGE AREA IS 2 ACRES.

**7 DIVERSION DIKE DETAIL**  
SCALE: NOT TO SCALE

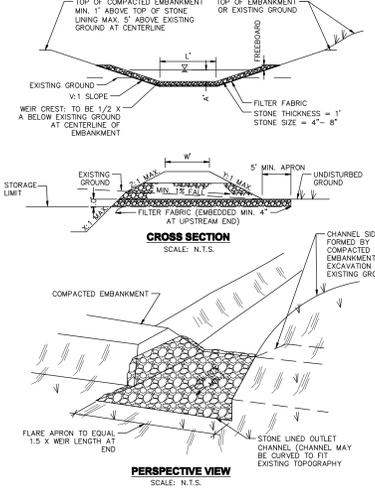


**8 TEMPORARY STONE LINED CHANNEL DETAIL**  
SCALE: NOT TO SCALE



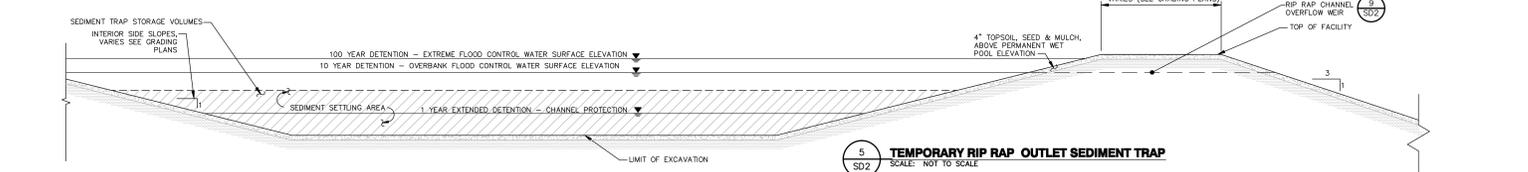
- LANDLOK TRM 450 TURF REINFORCEMENT NOTES:**
1. GRADE AND COMPACT AREA OF INSTALLATION, REMOVING ALL ROCKS, VEGETATION, ETC.
  2. 3" MINIMUM TOPSOIL AND SEED PRIOR TO INSTALLATION.
  3. EXTEND TRM 2'-0" OVER CREST OF SLOPE AND EXCAVATE A 12"x6" TERMINAL ANCHOR TRENCH.
  4. ANCHOR TRM IN TRENCH @ 1'-0" SPACING, BACKFILL AND COMPACT SOIL.
  5. UNROLL TRM DOWN SLOPE WITH SMALL NETTING ON BOTTOM. LARGE NETTING ON TOP. (ON SLOPES > 3:1, NETTING TO BE UNROLLED DOWN SLOPE)
  6. OVERLAP ADJACENT ROLLS AT LEAST 3" AND ANCHOR EVERY 18".
  7. LAY TRM LOOSE TO MAINTAIN DIRECT CONTACT WITH SOIL (DO NOT PULL TAUGHT).
  8. SECURE TRM TO GROUND SURFACE USING U-SHAPED WIRE STAPLES.
  9. TRM TO BE ANCHORED @ 5'-0" INTERVALS PARALLEL TO CONTOUR (SEE PLAN VIEW).
- LANDLOK TRM 450 TURF REINFORCEMENT MAT DETAIL**  
SCALE: NTS

**CONSTRUCTION SPECIFICATIONS FOR RIP-RAP OUTLET SEDIMENT TRAP**

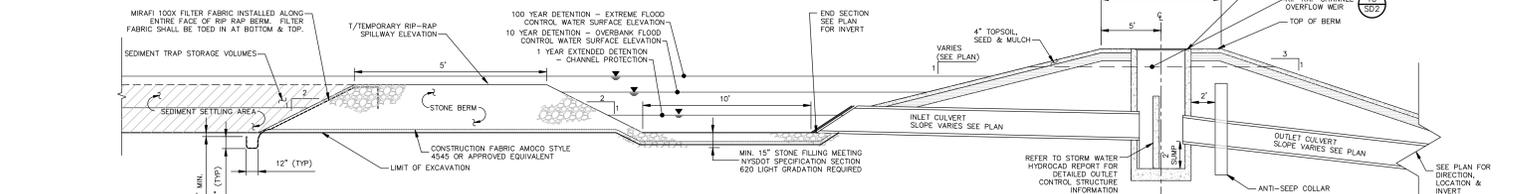


1. THE AREA UNDER EMBANKMENT SHALL BE CLEARED, GRUBBED AND STRIPPED OF ANY VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE CLEARED.
2. THE FILL MATERIAL FOR THE EMBANKMENT SHALL BE FREE OF ROOTS OR OTHER WOODY VEGETATION AS WELL AS OVERSIZED STONES, ROCKS, ORGANIC MATERIAL OR OTHER OBJECTIONABLE MATERIAL. THE EMBANKMENT SHALL BE COMPACTED BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED. MAXIMUM HEIGHT OF EMBANKMENT SHALL BE FIVE (5) FEET, MEASURED AT THE CENTERLINE OF THE EMBANKMENT.
3. ALL FILL SLOPES SHALL BE 3:1 OR FLATTER, CUT SLOPES 1:1 OR FLATTER.
4. ELEVATION OF THE TOP OF ANY DIKE DIRECTING WATER INTO TRAP MUST EQUAL OR EXCEED THE HEIGHT OF THE EMBANKMENT.
5. FILTER CLOTH SHALL BE PLACED OVER THE BOTTOM AND SIDES OF THE OUTLET CHANNEL PRIOR TO PLACEMENT OF STONE. SECTIONS OF FABRIC MUST OVERLAP AT LEAST ONE (1) FOOT WITH SECTION NEAREST THE ENTRANCE PLACED ON TOP. FABRIC SHALL BE EMBEDDED AT LEAST SIX (6) INCHES INTO THE EXISTING GROUND AT ENTRANCE OF OUTLET CHANNEL. FILTER FABRIC SHALL BE COTTON NON-WOVEN GEOTEXTILE C-60NW OR APPROVED EQUAL.
6. STONE USED IN THE OUTLET CHANNEL SHALL BE FOUR (4) TO EIGHT (8) INCHES (RIP-RAP) TO PROVIDE A FILTERING EFFECT. A LAYER OF FILTER CLOTH SHALL BE EMBEDDED ONE (1) FOOT WITH SECTION NEAREST THE ENTRANCE PLACED ON TOP. FABRIC SHALL BE EMBEDDED AT LEAST SIX (6) INCHES INTO EXISTING GROUND AT ENTRANCE OF OUTLET CHANNEL.
7. SEDIMENT SHALL BE REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN SEDIMENT HAS ACCUMULATED TO THE DESIGN DEPTH OF ELEVATION (SEE TABLE). REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
8. THE STRUCTURE SHALL BE INSPECTED AFTER EACH BAN AND REPAIRED AS NEEDED.
9. CONSTRUCTION SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION ARE MINIMIZED.
10. THE STRUCTURE SHALL BE REMOVED AND THE AREA STABILIZED WHEN DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.
11. STAKES SHALL BE PLACED IN THE GROUND (2 MIN.) INDICATING CLEANOUT ELEVATION.

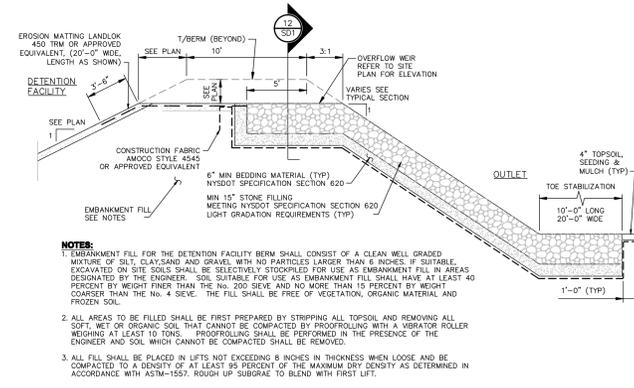
**9 RIP-RAP OUTLET SEDIMENT TRAP**  
SCALE: NOT TO SCALE



**5 TEMPORARY RIP RAP OUTLET SEDIMENT TRAP**  
SCALE: NOT TO SCALE



**6 TEMPORARY SEDIMENT CONTROL & DETENTION FACILITY**  
SCALE: NOT TO SCALE



**10 TYPICAL SECTION THRU TEMPORARY EMERGENCY OVERFLOW WEIR**  
SCALE: NOT TO SCALE

PROJECT NAME  
CRICKET VALLEY ENERGY - ON-SITE CONSTRUCTION LAYDOWN & PARKING AREA (FORMER RASCO PARCEL)

DEVELOPER  
CRICKET VALLEY ENERGY CENTER, LLC.

OWNER OF RECORD  
HOWLANDS LAKE PARTNERS, LLC  
P.O. BOX 285  
MOUNT KISCO, NEW YORK 10549

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Planners  
Environmental Scientists  
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CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE CO., P.C.

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CRICKET VALLEY ENERGY  
ON-SITE CONSTRUCTION LAYDOWN & PARKING AREA (FORMER RASCO PARCEL)

**PRELIMINARY TYPICAL EROSION AND SEDIMENT CONTROL NOTES & DETAILS**

NYS ROUTE 22, TOWN OF DOVER PLAINS, DUTCHESS COUNTY, NEW YORK

Drawn	Checked
SHD	CL
Date	Scale
02/24/12	1"=50'
Project No.	Sheet No.
81001.01	SD2