

STABILIZER BRACKETS

3/8"ø TRUSS ROD W/ADJUSTABLE

6' HIGH TEMPORARY CHAIN LINK FENCE

BOTTOM OF SLOPE TERMINATION"

SIDE SEAM OVERLA

TAKE UP. BOTH SIDES ALL CORNERS

STABILIZER BRACKETS TO BE FROM ACADEMY

FENCE COMPANY OR APPROVED EQUAL.

3' MIN. EXTENSION

STAPLE 12"O.C. ACROSS —

SEE TRENCHING & ANCHORING -

PROCEDURE NOTES (TYP)

COMPACTED & FINE GRADED

TOPSOILED SLOPE, TYP. FREE

STONES OVER 1" IN SIZE, &

COMPACTING, SEEDING & FERTILIZING THE SLOPES.

OF WATER FLOW, PERPENDICULAR TO THE SLOPE.

TRENCHING & ANCHORING PROCEDURE NOTES:

SPACED 12" O.C. ACROSS THE ENTIRE WIDTH.

AREAS, 12" APART ACROSS THE ENTIRE WIDTH.

SCALE: NTS

OF RILLS, OBSTRUCTIONS,

FOREIGN OBJECTS.

SPECIFIC REQUIREMENTS.

SEE PRELIMINARY

GRADING & DRAINAGE

PLAN FOR DISCHARGE

THE ENTIRE WIDTH.

√JIES 14"0C —

LINE POSTS ONLY

PROVIDE CONTINUOUS

COIL SPRING TENSION WIRE AT BOTTOM.

BOTTOM SELVAGE OF

TOP OF SLOPE TRENCH

END ROLL OVERLAP

FABRIC TWISTED &

STAPLE 12" 0.0

ACROSS THE ENTIRE

WIDTH AT THE SLOPE

- EROSION CONTROL BLANKET, SEE PLANS & SPECIFICATIONS

FOR PLACEMENT REQUIREMENTS (TYP)

-BOTTOM OF SLOPE, SEE

TERMINATION DETAIL.

. PREPARE THE TOPSOIL (SEEDBED) FIRST BY RAKING, SHAPING, FINE GRADING,

3. KEEP EROSION CONTROL BLANKET IN SOLID CONTACT WITH THE TOPSOIL.

CONTROL BLANKET TO THE SLOPE. IN LOOSE SOIL CONDITIONS, THE USE OF

. USE THE TRENCHING & ANCHORING PROCEDURES DETAILED HEREIN TO SECURE ANY

EXPOSED MATERIAL ENDS. SECURE ALL PRODUCT OVERLAPS. OVERLAP IN THE DIRECTION

I. USE THE REQUIRED NUMBER OF STAPLES/STAKES TO SECURELY FASTEN THE EROSION

STAPLES/STAKES LENGTHS GREATER THAN 6" MAYBE NECESSARY FOR PROPER SECURING.

STAPLE PATTERNS & OVERLAPS ARE DEPENDENT ON SITE CONDITIONS & MANUFACTURER'S

SIDE SEAM OVERLAP: THE EDGES OF PARALLEL BLANKETS SHALL BE STAPLED WITH A 5"

CONTROL BLANKET IN A 6"D imes 6"W TRENCH WITH A 12" OVERLAP EXTENDED BEYOND THE

UP-SLOPE PORTION OF THE TRENCH. ANCHOR WITH A ROW OF STAPLES/STAKES 12" O.C.

EROSION CONTROL BLANKET OVER THE COMPACTED SOIL WITH A ROW OF STAPLES/STAKES

PLACED END OVER END (SHINGLE-STYLE) WITH A 3" OVERLAP. STAPLE THRU OVERLAPPED

EROSION CONTROL BLANKET INSTALLATION DETAIL

TOP OF SLOPE TRENCH: BEGIN AT THE TOP OF SLOPE BY ANCHORING THE EROSION

IN THE BOTTOM OF THE TRENCH. BACKFILL & COMPACT THE TRENCH AFTER STAPLING.

APPLY SEED TO THE COMPACTED SOIL & FOLD THE REMAINING 12" PORTION OF THE

EROSION CONTROL BLANKET BACK OVER THE SEED & COMPACTED SOIL. SECURE THE

END ROLL OVERLAP: CONSECUTIVE BLANKETS SPLICED DOWN THE SLOPE SHALL BE

REQUIREMENTS. CONTRACTOR SHALL CONSULT WITH MANUFACTURER FOR ACTUAL SITE

-RAIL CLAMPS

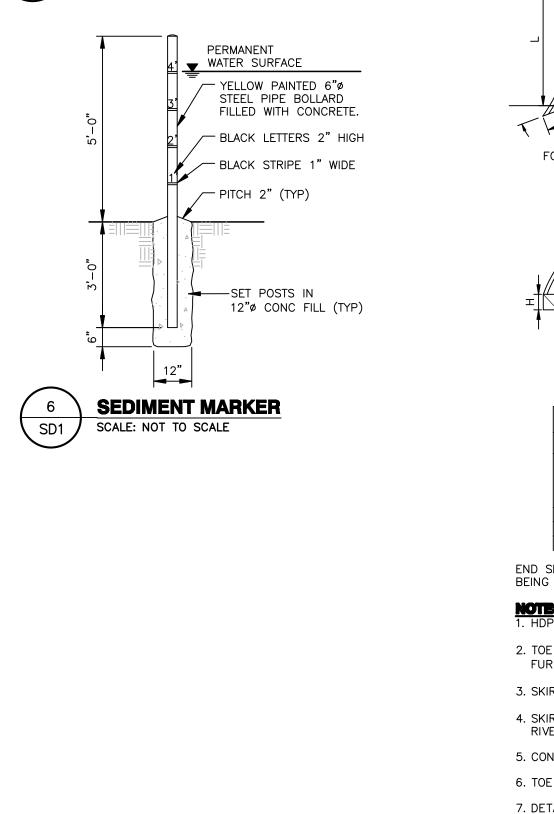
-CORNER .POŚÌ

-TIE WIRE 24" OC

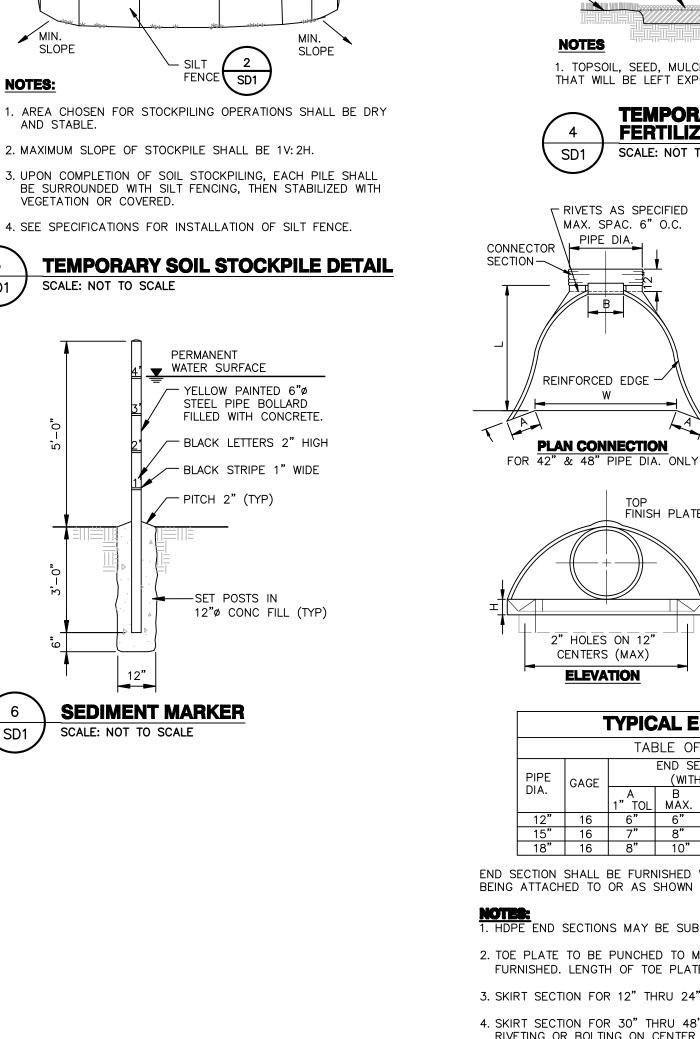
BRACE RAIL

TOP RAIL

∠KNUCKLED SELVAGE



VEGETATION OR COVERED.



SOIL PH SHALL BE TESTED,

LIME SHALL BE APPLIED AS

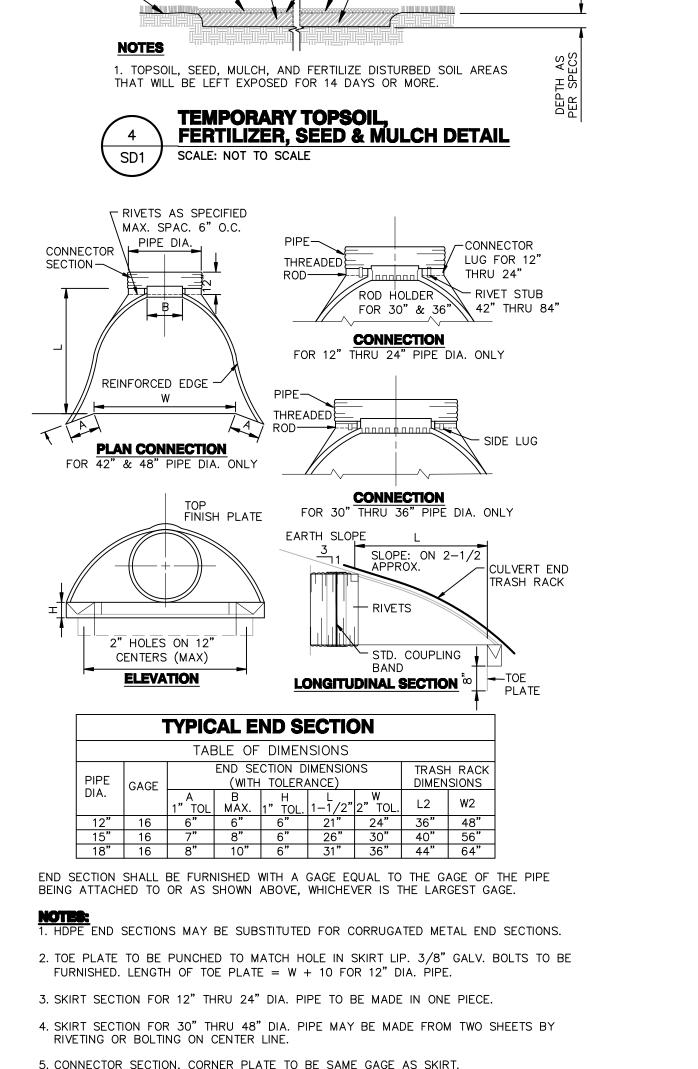
EXISTING GRADE -

1 SLOPE OR LESS

REQUIRED TO BRING SOIL PH TO 6.5 -

MULCH: LAYER OF COMMON HAY

OR STRAW; 2 TONS PER ACRE



-TEMPORARY SEED, SEE VEGETATIVE

-FERTILIZER: COMMERCIAL 5-10-5,

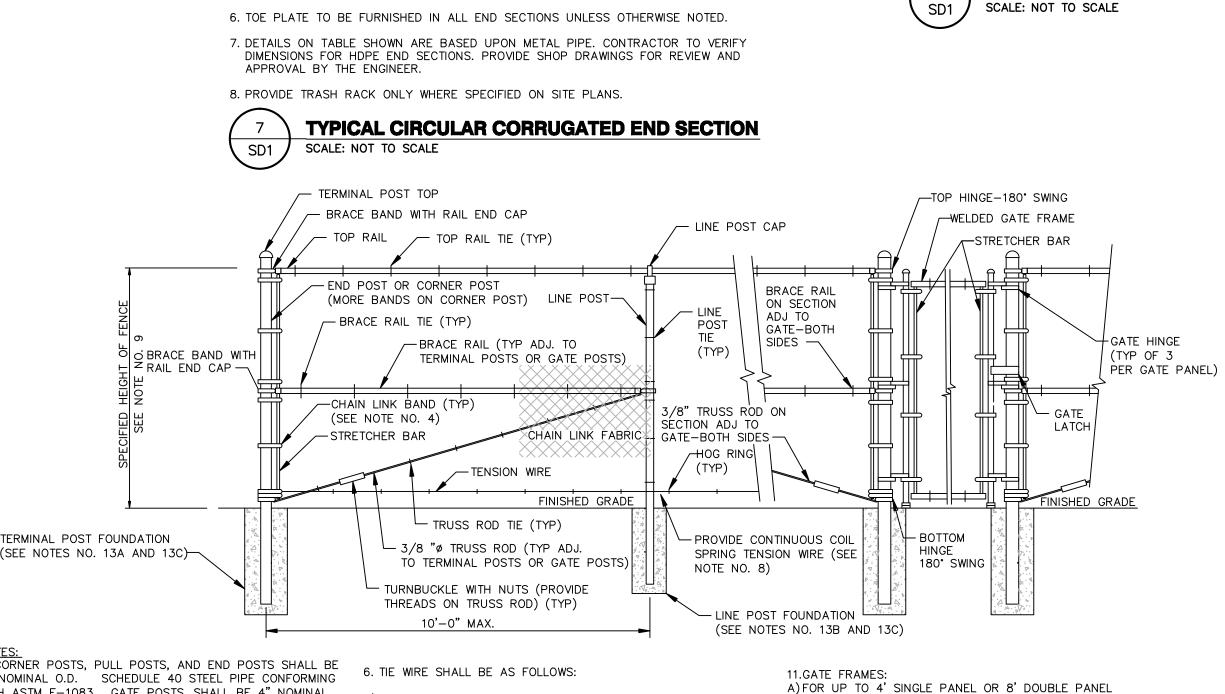
-TOPSOIL: A NATURAL, FERTILE

AGRICULTURAL SOIL CAPABLE OF

175 POUNDS PER ACRE

COVER SPECIFICATIONS ON SHEET SD6.

SUSTAINING VIGOROUS PLANT GROWTH.



1. CORNER POSTS, PULL POSTS, AND END POSTS SHALL BE 3" NOMINAL O.D. SCHEDULE 40 STEEL PIPE CONFORMING WITH ASTM F-1083. GATE POSTS SHALL BE 4" NOMINAL O.D. SCHEDULE 40 STEEL PIPE CONFORMING WITH ASTM F-1083. SAID 4" NOMINAL O.D. GATE POSTS MAY BE UTILIZED FOR SINGLE GATE OPENING WIDTH OF 6' OR LESS AND FOR DOUBLE GATE OPENING WIDTHS OF 12' OR LESS. 2. LINE POSTS SHALL BE 21/2" NOMINAL O.D. SCHEDULE 40 STEEL PIPE CONFORMING WITH ASTM F-1083. 3. TOP RAIL AND BRACE RAIL SHALL BE 1%" NOMINAL O.D. SCHEDULE 40 STEEL PIPE CONFORMING WITH ASTM F-1083. 4. FENCE FABRIC SHALL BE SECURED TO CORNER POSTS PULL POSTS, AND GATE OR END POSTS WITH STRETCHER BARS (TENSION RODS) FABRICATED FROM GALVANIZED STEEL AND SECURED TO THE SAID POSTS BY THE FOLLOWING NUMBER OF EQUALLY SPACED CHAIN LINK BANDS WITH AN INSIDE DIAMETER APPROPRIATE TO THE OUTSIDE DIAMETER OF THE POST TO WHICH THEY ATTACH: *FOR 6' HIGH FENCE: 6 EACH BANDS PER FENCE 9. FENCE HEIGHT SHALL BE 6'. 5. FENCE FABRIC SHALL BE 9 GAUGE WIRE SIZE, 2" MESH, WITH ASTM F-900. CHAIN LINK FENCE CONFORMING WITH ASTM A-392; KNUCKLED AT TOP OF FENCE AND TWISTED AND BARBED AT BOTTOM.

6" MIN BEDDING MATERIAL (TYP)

SD1

1/4" TO 1/2" HARDWIRE WIRE

CLOTH (MIRAFI 100X, OR FILTER

SIZE BETWEEN #40 AND 80) AND

CLOTH WITH EQUIVALENT SIEVE

SECURED WITH STRAPPING OR

CONNECTING BAND AT THE TOP

12" ORIFICE = 432.00

CONCRETE SUPPORT BLOCKS,

BASIN WITH OPEN SIDE

& TOP

AND BOTTOM OF CLOTH. -

CLOTH WRAPPED WITH FILTER

NYSDOT SPECIFICATION SECTION 620-

NYSDOT SPECIFICATION SECTION 620

MIN 15" STONE FILLING MEETING

LIGHT GRADATION REQUIREMENT

SCALE: NOT TO SCALE

SEEDING (TYP)—

A)AT POSTS, RAILS, TRUSS RODS, AND WHERE NECESSARY ON GATE FRAMES, MINIMUM 11 GAUGE GALVANIZED STEEL SPACED AT NOT LESS THAN 14" ON CENTER, (ALUMINUM LINE POST TIES MAY BE UTILIZED AS APPROVED BY THE B) AT TENSION WIRE: BY HOG RINGS SPACED AT NOT LESS THAN 18" ON CENTER. TRUSS ROD SHALL BE 36" DIA. GALVANIZED STEEL ROD TIED TO FENCE FABRIC AS PROVIDED FOR IN 6. A) ABOVE. PROVIDE THREADS AS NECESSARY ON TRUSS ROD AND COMPATIBLE NUTS IN TURNBUCKLE TO FACILITATE TIGHTENING TO PUT TRUSS ROD IN TENSION. 8. TENSION WIRE SHALL BE 7 GAUGE GALVANIZED STEEL COILED SPRING WIRE. LOCATE TENSION WIRE 6" (NOMINALLY) FROM BOTTOM OF FENCE FABRIC. 10.FENCE SHALL BE INSTALLED IN ACCORDANCE WITH ASTM F-567 AND GATES SHALL BE INSTALLED IN ACCORDANCE

OVERFLOW WEIR -

ECTION THRU EMERGENCY OVERFLOW WEIR

FOR SEDIMENT CONTROL & DETENTION FACILITIES

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<u>000000</u>

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TYPICAL PIPE OUTLET

SEDIMENT TRAP RISER BASE DETAIL

Landscape Architects

TYPICAL GATE DETAI

-CONSTRUCTION FABRIC

OR APPROVED EQUIVALENT

RISER CREST & STRUCTURE EL. = 435.0

___15" ø HDPF PERFORATED

RISER START @ ELEV. 432.50

CEMENT MORTAR

SEAL AROUND PIPE

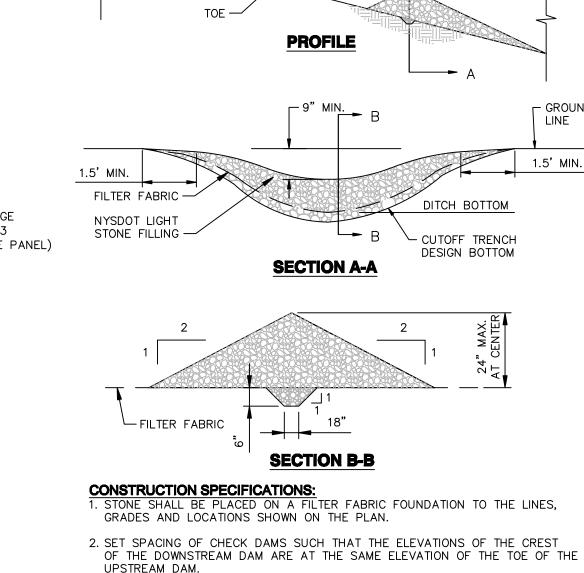
CRUSHED STONE BEDDING

12" NYSDOT TYPE 2

AMOCO STYLE 4545

GATES, GATE FRAMES SHALL BE FABRICATED FROM 156" O.D. SCHEDULE 40STEEL PIPE CONFORMING WITH ASTM F-1083. FOR SINGLE PANEL GATES IN EXCESS OF 4', BUT NOT OVER 6' OR DOUBLE PANEL GATES IN EXCESS 8', BUT NOT OVER 12'; GATE FRAMES SHALL BE FABRICATED FROM 2" O.D. SCHEDULE 40 STEEL PIPE CONFORMING WITH ASTM F-1083. B) EACH SIDE OF A GATE FRAME SHALL HAVE THE FOLLOWING NUMBER OF EQUALLY SPACED CHAIN LINK BANDS OF AN INSIDE DIAMETER APPROPRIATE TO THE OUTSIDE DIAMETER OF THE SCHEDULE 40 STEEL PIP FROM WHICH THE SAID FRAME ISMANUFACTURED: *GATES IN 6' HIGH CHAIN LINK FENCE: 6 EACH BANDS PER SIDE 12.THE GATE LATCH SHALL BE THE MALLEABLE IRON FORK TYPE AS MANUFACTURED BY PAGE WILSON AS THEIR TYPE 75 GATE LATCH ASSEMBLY. PAD LOCKS WILL BE PROVIDED BY THE OWNER. 13.POST FOUNDATIONS: A)TERMINAL POSTS (CORNER POSTS, PULL POSTS, END

POSTS, AND GATE POSTS) SHALL EACH BE SET IN A CONCRETE FOUNDATION A MINIMUM OF 12" IN DIAMETER AND 3'-4" DEEP. B)LINE POSTS SHALL EACH BE SET IN A CONCRETE FOUNDATION A MINIMUM OF 10" IN DIAMETER AND C)ALL CONCRETE FOR POST FOUNDATIONS SHALL HAVE AN ULTIMATE COMPRESSIVE STRENGTH (f'c) AFTER 28 DAYS OF3,000 PSI.



SPACING VARIES DEPENDING ON

CHANNEL SLOPE

EROSION AND SEDIMENT CONTROL MEASURES:

SEDIMENT FROM CONSTRUCTION SITE DISCHARGES.

1. DAMAGE TO SURFACE WATERS RESULTING FROM EROSION AND SEDIMENTATION

SHALL BE MINIMIZED BY STABILIZING DISTURBED AREAS AND BY REMOVING

2. AS MUCH AS IS PRACTICAL, EXISTING VEGETATION SHALL BE PRESERVED

THE SITE, PERMANENT VEGETATION SHALL BE ESTABLISHED ON ALL

4. PERMANENT TRAFFIC CORRIDORS SHALL BE ESTABLISHED AND "ROUTES OF

BE INSTALLED AT ALL POINTS OF ENTRY ONTO THE PROJECT SITE.

1. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE IN STRICT

3. APPLY SURFACE STABILIZATION AND RESTORATION MEASURES. AREAS

UNDERGOING CLEARING OR GRADING AND ANY AREAS DISTURBED BY

CONSTRUCTION ACTIVITIES WHERE WORK IS DELAYED, SUSPENDED, OR

STABILIZED WITH TEMPORARY VEGETATIVE COVER WITHIN 14 DAYS AFTER

CLEARING OR GRADING AND ANY AREAS DISTURBED BY CONSTRUCTION

AS SITE AREAS ARE AVAILABLE AND WITHIN 14 DAYS AFTER WORK IS

COMPLETE. (SEE SPECIFICATIONS FOR PERMANENT VEGETATIVE COVER)

CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS CEASED. (SEE

SPECIFICATIONS FOR TEMPORARY VEGETATIVE COVER). AREAS UNDERGOING

ACTIVITIES WHERE WORK IS COMPLETE AND WILL NOT BE REDISTURBED SHALL

BE STABILIZED AND RESTORED WITH PERMANENT VEGETATIVE COVER AS SOON

SEEDING FOR PERMANENT VEGETATIVE COVER SHALL BE WITHIN THE ŚEASONAL

WITHIN 14 DAYS AFTER WORK IS COMPLETE, FOR SEEDING OUTSIDE PERMITTED

LIMITATIONS. PROVIDE STABILIZATION WITH TEMPORARY VEGETATIVE COVER

4. SEEDED AREAS TO BE MULCHED WITH STRAW OR HAY MULCH IN ACCORDANCE

5. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE

OF ALL EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT THE

6. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST BY SPRINKLING

EXPOSED SOIL AREAS PERIODICALLY WITH WATER AS REQUIRED. THE

7. WHEN ALL DISTURBED AREAS ARE STABLE, ALL TEMPORARY EROSION AND

SPDES GENERAL PERMIT GP-0-10-001 COMPLIANCE NOTES:

VALLEY ENERGY - RASCO PROPERTY OFF-SITE CONSTRUCTION LAYDOWN AND

1. THIS PROJECT HAS NOT RECEIVED WRITTEN APPROVAL FROM THE NYSDEC

ONE TIME. THEREFORE, IF THE CONTRACTOR'S CONSTRUCTION SEQUENCE

REQUIRES THE DISTURBANCE OF MORE THAN FIVE ACRES AT ANY ONE TIM

THIS PLAN SET AND THE ACCOMPANYING PRELIMINARY SWPPP ENTITLED, "CRICKET

PARKING AREA". HAVE BEEN SUBMITTED AS A SET. THESE ENGINEERING DRAWINGS

ARE CONSIDERED AN INTEGRAL PART OF THE SWPPP, THEREFORE THE PLAN SET IS

ALLOWING THE DISTURBANCE OF MORE THAN FIVE (5) ACRES OF LAND AT ANY

WRITTEN APPROVAL MUST BE OBTAINED FROM NYSDEC PRIOR TO EXCEEDING THE

CONTRACTOR IS TO SUPPLY ALL EQUIPMENT AND WATER.

SEDIMENT CONTROL MEASURES SHALL BE REMOVED.

NOT CONSIDERED COMPLETE WITHOUT THE SWPPP.

INCOMPLETE AND WILL NOT BE REDISTURBED FOR 21 DAYS OR MORE SHALL BE

COMPLIANCE WITH "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR

2. EXCESS SOIL TO BE STOCKPILED WITHIN THE LIMITS OF SITE DISTURBANCE IF

NOT USED IMMEDIATELY FOR GRADING PURPOSES. INSTALL SILT FENCE

GENERAL EROSION AND SEDIMENT CONTROL NOTES:

EROSION AND SEDIMENT CONTROL", AUGUST 2005.

CONVENIENCE" SHALL BE AVOIDED. STABILIZED CONSTRUCTION ENTRANCES SHALL

GENERAL MEASURES:

EXPOSED SOILS.

DURATION OF SOIL DISRUPTION.

AROUND SOIL STOCKPILES.

SEEDING PERIODS.

5 ACRE LIMIT.

WITH VEGETATIVE COVER SPECIFICATIONS.

COURSE OF CONSTRUCTION.

EXISTING SUBGRADE

APRON

dMAX THICKNESS LENGTH(FT

APRON

SECTION VIEW

KENTUCKY BLUEGRASS (1/3).

CULVERT | CULVERT | STONE FILLING

| < 8 | LIGHT

DIA. (D) SLOPE, %

APRON

MEDIUM

MEDIUM

HEAVY

HEAVY

NYSDOT STANDARD SPECIFICATIONS

SECTION 620 (SEE TABLE A)-

STORM SEWER

- STANDARD

FLARED

SECTION

STÒRM

SEWER

LIGHT

MATERIAL MATERIAL

1. SWALES SHALL BE SEEDED AND MULCHED WITH 20LBS PER 1.000 SQ.FT OF

GRASS LINED SWALE DETAIL

STONE APRON SIZING REQUIREMENT

9"-12" | 14"-18"|

15"-18" | 22"-27"

- STONE FILLING MEETING

SPECIFICATIONS SECTION

- CONSTRUCTION FABRIC

TOR APPROVED EQUIVALENT

AMOCO STYLE 4545

 ackslash BEDDING MATERIAL MEETING

SPECIFICATION SECTION 620

NYSDOT STANDARD

NYSDOT STANDARD

620 (SEE TABLE A)

END SECTION WITH STONE LINED APRON DETAIL

MEDIUM 9"-12" | 14"-18" | 24

TABLE "A"

A MIXTURE OF REED CANARY GRASS (1/3), TALL FESCUE (1/3), AND

──4" LAYER OF TOPSOIL & SEED

3. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM. 4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE. 5. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAM ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE. 6. MAXIMUM DRAINAGE AREA IS 2 ACRES.



"A" | "B" | "C" | "D" 15' MOUNTED HGT. | 20 FT. | 5 FT. | 15 FT. | 7.2" 20' MOUNTED HGT. | 26 FT. | 6 FT. | 20 FT. | 8.5" -WOOD LIGHT POLE. SEE NOTE 1 & POLE DIMENSION TABLE. (TAPER APPROXIMATELY 1 INCH PER TEN FEET) — PVC CONDUIT FOR ELECTRIC WIRE TO LUMINAIRE —COLUMN PROTECTOR 24" OUTSIDE DIAMETER COLOR: ORANGE PIECES MOLDED FROM LOW DENSITY POLYETHYLENE SEE NOTE 3. —NYLON STRAPS (TYP) COLUMN PROTECTOR FASTENER `—UNDISTURBED GROUND —UNDERGROUND WIRING -EARTH BACKFILI → "D" | -

1. LIGHT POLE TO BE PRESSURE-TREATED WOOD. 2. EARTH BACKFILL MAY BE FROM THE HOLE OR SELECTED FROM ANOTHER SOURCE. ALL BACKFILL MATERIAL MUST BE COMPACTED IN ONE-FOOT LIFTS AND WELL TAMPED UNIFORMLY FROM BOTTOM TO TOP. 3. LIGHT POLE PROTECTOR AS MANUFACTURED BY <u>POST GUARD</u>, <u>ENCORE COMMERCIAL PRODUCTS</u>, INC., OR EQUAL. COLUMN SENTRY PROTECTOR, MODEL NO. CS2442-6S PROTECTOR (MEDIUM)



INSPECT ALL AREAS THAT HAVE RECEIVED VEGETATION EVERY SEVEN DAYS & AFTER EVERY RAIN EVENT. ALL AREAS DAMAGED BY EROSION OR WHERE SEED HAS NOT ESTABLISHED SHALL BE REPAIRED AND RESTABILIZED

STABILIZED CONSTRUCTION ENTRANCE: FOLLOWING THE COMPLETION OF CONSTRUCTION ACTIVITIES IN ANY PORTION OF INSPECT THE ENTRANCE PAD EVERY SEVEN DAYS & AFTER EVERY RAIN EVENT. CHECK FOR MUD, SEDIMENT BUILD-UP AND PAD INTEGRITY. MAKE DAILY INSPECTIONS DURING WET WEATHER. RESHAPE PAD AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL. WASH AND REPLACE STONE AS NEEDED. THE STONE IN THE ENTRANCI 3. SITE PREPARATION ACTIVITIES SHALL BE PLANNED TO MINIMIZE THE SCOPE AND SHOULD BE WASHED OR REPLACED WHENEVER THE ENTRANCE FAILS TO REDUCE MUD BEING CARRIED OFF-SITE BY VEHICLES. IMMEDIATELY REMOVE MUD AND SEDIMENT TRACKED OR WASHED ONTO PUBLIC ROADS BY BRUSHING OR SWEEPING. REMOVE TEMPORARY CONSTRUCTION ENTRANCE AS SOON AS THEY ARE NO LONGER NEEDED TO PROVIDE ACCESS TO THE SITE.

MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES

PERMANENT AND TEMPORARY VEGETATION:

SILT FENCE:

INSPECT FOR DAMAGE EVERY SEVEN DAYS & AFTER EVERY RAIN EVENT. MAKE ALL REPAIRS IMMEDIATELY. REMOVE SEDIMENT FROM THE UP-SLOPE FACE OF THE FENCE BEFORE IT ACCUMULATES TO A HEIGHT EQUAL TO 1/3 THE HEIGHT OF THE FENCE. IF FENCE FABRIC TEARS, BEGINS TO DECOMPOSE, OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE THE AFFECTED SECTION OF FENCE IMMEDIATELY. SOIL STOCKPILE:

INSPECT SEDIMENT CONTROL BARRIERS (SILT FENCE OR HAY BALE) AND VEGETATION FOR DAMAGE EVERY SEVEN DAYS & AFTER EVERY RAIN EVENT. MAKE ALL REPAIRS IMMEDIATELY. REMOVE SEDIMENT FROM THE UP-SLOPE FACE OF THE SEDIMENT CONTROL BARRIER BEFORE IT ACCUMULATES TO A HEIGHT EQUAL TO 1/3 THE HEIGHT OF THE SEDIMENT CONTROL BARRIER. IF SEDIMENT CONTROL BARRIER TEARS, BEGINS TO DECOMPOSE, OR IN ANYWAY BECOMES INEFFECTIVE, REPLACE THE AFFECTED SECTION OF SEDIMENT CONTROL BARRIER IMMEDIATELY. REVEGETATE DISTURBED AREA TO STABILIZE SOIL STOCK PILE. REMOVE THE SEDIMENT CONTROL BARRIER WHEN THE SOIL STOCKPILE HAS BEEN REMOVED.

SCHEDULE CONSTRUCTION OPERATIONS TO MINIMIZE THE AMOUNT OF DISTURBED AREAS AT ANY ONE TIME DURING THE COURSE OF WORK. APPLY TEMPORARY SOIL STABILIZATION PRACTICES SUCH AS MULCHING, SEEDING, AND SPRAYING (WATER). STRUCTURAL MEASURES (MULCH, SEEDING) SHALL BE INSTALLED IN DISTURBÉD AREAS BEFORÈ SIGNIFICANT BLOWING PROBLEMS DEVELÓP. WATER SHALL BE SPRAYED AS NEEDED. REPEAT AS NEEDED, BUT AVOID EXCESSIVE SPRAYING, WHICH COULD CREATE RUNOFF AND EROSION PROBLEMS.

INSPECT CHECK DAMS EVERY SEVEN DAYS & AFTER EVERY RAIN EVENT. IF SIGNIFICANT EROSION HAS OCCURRED BETWEEN STRUCTURES A LINER OF STONE OR OTHER SUITABLE MATERIAL SHOULD BE INSTALLED IN HAT PORTION OF THE CHANNEL, REMOVE SEDIMENT ACCUMULATED BEHIND THE DAM AS NEEDED TO ALLOW CHANNEL TO DRAIN THROUGH THE STONE CHECK DAM AND PREVENT LARGE FLOWS FROM CARRYING SEDIMENT OVER THE DAM. REPLACE STONES AS NEEDED TO MAINTAIN THE DESIGN CROSS SECTION OF THE STRUCTURES. REMOVE CHECK DAMS AS PER APPROVAL OF ENGINEER. **EROSION CONTROL BLANKET:**

NSPECT THE BLANKET EVERY SEVEN DAYS & AFTER EVERY RAIN EVENT. REPLACE WIRE STAPLES AS REQUIRED. REPAIR AND RESEED WHERE CRACKS AND DAMAGED VEGETATION IS EVIDENT. WHEN DAMAGED BEYOND REPAIR OR NO LONGER FUNCTIONING, THE BLANKET SHALL BE REPLACED. EARTH DIKE:

INSPECT ALL EARTH DIKES EVERY SEVEN DAYS & AFTER EVERY RAIN EVENT. ALL AREAS DAMAGED BY EROSION SHALL BE REPAIRED IMMEDIATELY. **TEMPORARY SWALE:**

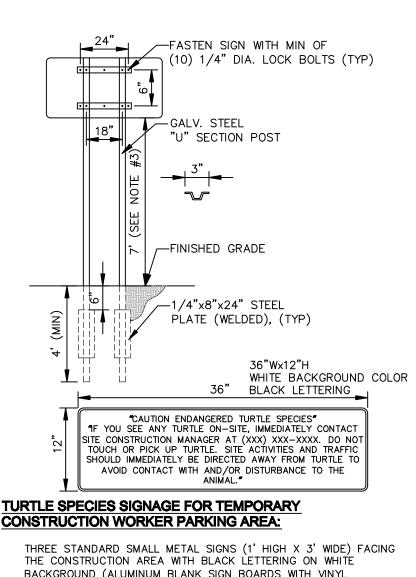
INSPECT ALL EARTH DIKES EVERY SEVEN DAYS & AFTER EVERY RAIN EVENT. ALL AREAS DAMAGED BY EROSION SHALL BE REPAIRED IMMEDIATELY.

INSPECT ALL SEDIMENT TRAPS EVERY SEVEN DAYS & AFTER EVERY RAIN EVENT. REPAIRS SHALL BE MADE AS NEEDED. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO THE ORIGINAL DIMENSIONS WHEN SEDIMENT HAS ACCUMULATED TO 1/2 OF THE DESIGN DEPTH OF THE TRAP. STORM DRAIN INLET PROTECTION:

INSPECT ALL STORM DRAIN INLET PROTECTION DEVICES EVERY SEVEN DAYS & AFTER EVERY RAIN EVENT. MAKE REPAIRS AS NEEDED, REMOVE SEDIMENT FROM THE POOL AREA AS NECESSARY. **DEWATERING PITS:** (IF REQUIRED) — INSPECT DAILY DURING OPERATION FOR CLOGGING OR OVERFLOW, CLEAR INLET AND

DISCHARGE PÍPES OF OBSTRUCTIONS. IF A FILTER MATERIAL BECOMES CLOGGED WITH SEDIMENT, PIT SHALL BE DISMANTLED AND CONSTRUCT NEW PITS AS NEEDED. SNOW AND ICE CONTROL:

ALL PARKING LOTS, ROADWAYS, AND DRIVEWAYS SHALL BE MAINTAINED DURING SNOW/ICE CONDITIONS THROUGH THE USE OF SAND ONLY. THE USE OF SALT IS PROHIBITED



BACKGROUND (ALUMINUM BLANK SIGN BOARDS WITH VINYL SHEETING) WILL READ AS FOLLOWS IN A PMS COLOR CHART BLACK TEXT AND CASLON 540 TYPE: "CAUTION ENDANGERED TURTLE SPECIES"

1F YOU SEE ANY TURTLE ON-SITE, IMMEDIATELY CONTACT SITE CONSTRUCTION MANAGER AT (XXX) XXX-XXXX. DO NOT TOUCH OR PICK UP TURTLE. SITE ACTIVITIES AND TRAFFIC SHOULD IMMEDIATELY BE DIRECTED AWAY FROM TURTLE TO AVOID CONTACT WITH AND/OR DISTURBANCE TO THE ANIMAL."

TURTLE SPECIES SIGN TWO POST SIGN MOUNTING DETAIL

MEASURES TO AVOID AND MINIMIZE IMPACTS TO PROTECTED SPECIES DURING PROJECT CONSTRUCTION

IN RECOGNITION OF THE POTENTIAL PRESENCE OF PROTECTED SPECIES THAT MAY BE PRESENT IN THE PROJECT VICINITY, INCLUDING: BOG TURTLE (GLYPTEMYS MUHLENBERGII) • INDIANA BAT (MYOTIS SODALIS)

KEY DATES FOR CONSTRUCTION SCHEDULE

• TIMBER RATTLESNAKE (CROTALUS HORRIDUS) • NEW ENGLAND COTTONTAIL RABBITS (SYLVILAGUS TRANSITIONALIS)

THE FOLLOWING PROTECTIVE MEASURES ARE TO BE TAKEN. • TEMPORARY SILT FENCING (DETAILED IN SHEET SD-1) SHALL BE INSTALLED BETWEEN ALL ACTIVE WORK AREAS AND WETLANDS PRIOR TO SITE EXCAVATION AND SHALL RÈMAIN IN PLACE UNTIL CONSTRUCTION AND SITE RESTORATION HAS BEEN COMPLETED. • REMOVAL OF TREES 4 INCHES IN DIAMETER AT BREAST HEIGHT (DBH) OR GREATER WILL BE RESTRICTED TO THE PERIOD BETWEEN OCTOBER 1 AND • BRIGHT ORANGE CONSTRUCTION FENCING WILL BE DEPLOYED TO DEMARCATE THE LIMITS OF TREE CLEARING AND GRADING AND REMOVED DURING RESTORATION AND LANDSCAPING • SIGNAGE WILL BE POSTED (AS DETAILED IN NOTES BELOW) THAT INCLUDES BOG TURTLE IDENTIFYING INFORMATION, A CAUTION, INSTRUCTIONS AND ON-SITE CONTACT INFORMATION IN THE EVENT A PROTECTED SPECIES IS ENCOUNTERED DURING CONSTRUCTION. SIGNAGE IN TEMPORARY PARKING

AREAS WILL REMAIN IN PLACE UNTIL CONSTRUCTION AND RESTORATION HAS BEEN COMPLETED. SILT FENCING INSPECTION 1. THE CONSTRUCTION MANAGER WILL BE RESPONSIBLE FOR INSPECTIONS AS IDENTIFIED BELOW OF TEMPORARY SILT FENCING FROM APRIL 1 THROUGH OCTOBER 31 (WHEN BOG TURTLES ARE EXPECT TO BE ACTIVE), AND EARLY TO MID-MARCH (OPPORTUNITY TO COMPLETE REPAIRS BEFORE TURTLE 2. EVERY TWO WEEKS FROM APRIL 1 THROUGH OCTOBER 31, ALL TEMPORARY PERIMETER FENCING WILL BE INSPECTED FOR TEARS, HOLES, AND COMPROMISED AND/OR MISSING SECTIONS. REPAIRS THAT CAN BE MADE UPON DISCOVERY (E.G., CLOSURE OF SMALL TEAR, RE-ATTACHMENT TO POST) WILL BE COMPLETED BY THE INSPECTOR DURING SAID INSPECTION. FOR REPAIRS REQUIRING ADDITIONAL MATERIALS AND PERSONNEL, WORK WILL BE COMPLETED BY THE CLOSE OF THE FOLLOWING BUSINESS DAY. A SUPPLY OF FENCING MATERIALS WILL BE STOCKPILED ON-SITE TO FACILITATE TIMELY REPAIR

VEGETATION REMOVAL AND CONTROL 1. THE REMOVAL AND CONTROL OF VEGETATION WILL ONLY BE ACCOMPLISHED USING MECHANICAL MEANS. NO CHEMICALS (HERBICIDES, FERTILIZERS, ETC.) ARE PERMITTED ON-SITE FOR THIS USE.

SPECIES EDUCATION OF WORKERS AT THE START OF PROJECT CONSTRUCTION ACTIVITIES ALL ON-SITE WORKERS WILL ATTEND A TRAINING SESSION THAT WILL CONDUCTED BY A QUALIFIED BIOLOGIST COVERING PROPER PRECAUTIONS TO AVOID IMPACT TO PROTECTED SPECIES: 1. EACH WORKER WILL BE PROVIDED FACT SHEETS AND PHOTOGRAPHS, DEPICTING VARIOUS TURTLE SPECIES THAT MIGHT BE ENCOUNTERED, EMPHASIZING SIZE AND DISTINCTIVE MARKINGS AND PROVIDING ON-SITE AND NYSDEC CONTACT PHONE NUMBERS.

2. WORKERS WILL BE TRAINED ON PROPER PROCEDURES FOR INCIDENTAL ENCOUNTERS WITH ANY TURTLE SPECIES, INCLUDING AVOIDANCE OF CONTACT AND IMMEDIATE REPORTING TO THE WORKER'S SUPERVISOR AND/OR ON-SITE CONTACT, WHO WILL BE TRAINED IN TURTLE IDENTIFICATION AND PROPER REPORTING PROCEDURES. 3. WORKERS WILL BE BRIEFED ON EXPECTED TIMES OF DAY/SEASON WHEN ACTIVITY COULD BE EXPECTED AND SIGHTINGS WOULD BE MOST LIKELY TO 4. WORKERS WILL BE BRIEFED ON THE LOCATIONS OF TURTLE SPECIES SIGNAGE WITHIN/AROUND THE TEMPORARY PARKING AREA AND SUMMARY OF INFORMATION CONTAINED ON THESE SIGNS (CAUTION, INSTRUCTIONS AND SITE CONTACT INFORMATION) INDICATING PROCEDURES TO FOLLOW AND

AVOIDING OF CONTACT SHOULD ANY PROTECTED SPECIES BE SIGHTED. 5. WORKERS WILL BE REMINDED THAT IT IS EVERYONE'S RESPONSIBILITY TO REPORT ANY OBSERVED DAMAGE TO TEMPORARY PERIMETER FENCING SURROUNDING TEMPORARY PARKING AREAS TO THE DESIGNATED FENCING INSPECTION PERSONNEL. NEW WORKERS WILL BE PROVIDED THE SAME SPECIES TRAINING AS PART OF NEW WORKER ORIENTATION TRAINING. ANNUAL TRAINING WILL BE PROVIDED BY A QUALIFIED BIOLOGIST TO ALL WORKERS DURING THEIR PRESENCE ON SITE.

• INDIANA BAT PROHIBITED CLEARING OF TREES 4 INCHES DBH OR GREATER: APRIL 1ST - SEPTEMBER 30TH • BOG TURTLE SCHEDULE OF TEMPORARY FENCING INSPECTIONS: APRIL 1ST - OCTOBER 30TH (EVERY TWO WEEKS) AND MARCH 10TH - MARCH 24TH (ONCE EACH YEAR) • BOG TURTLE ANNUAL CONSTRUCTION WORKER TRAINING: PROJECT AND WORKER START DATES AND FIRST WORKDAY IN APRIL EACH YEAR

TURTLE SPECIES SIGNAGE SPECIFICATIONS: • DIMENSIONS, MATERIAL & COLOR SPECIFICATIONS TAKEN FROM 6 NYCRR PART 195.3 AND 195.4 FOR SIGNS IN ADIRONDACK AND CATSKILL STATE

• TEXT/TYPE SPECIFICATIONS TAKEN FROM DEC GRANT APPLICATIONS, WATER QUALITY IMPROVEMENT PROJECT PROGRAM, ACKNOWLEDGEMENT OF FUNDING SOURCE, ATTACHMENT 1 ARTICLE 9) TEMPORARY CONSTRUCTION WORKER PARKING ENTRANCE - ONE STANDARD MEDIUM METAL SIGN (2.5' HIGH X 4' WIDE) FACING INCOMING VEHICLES WITH BLACK LETTERING ON WHITE BACKGROUND (ALUMINUM BLANK SIGN BOARDS WITH VINYL SHEETING) WILL READ AS FOLLOWS IN A PMS COLOR CHART BLACK TEXT AND CASLON 540 TYPE: CAUTION ENDANGERED TURTLE SPECIES

IF YOU SEE ANY TURTLE ON-SITE, IMMEDIATELY CONTACT SITE CONSTRUCTION MANAGER AT (XXX) XXX-XXXX. DO NOT TOUCH OR PICK UP TURTLE. SITE ACTIVITIES AND TRAFFIC SHOULD IMMEDIATELY BE DIRECTED AWAY FROM TURTLE TO AVOID CONTACT WITH AND/OR DISTURBANCE TO THE

TEMPORARY CONSTRUCTION WORKER PARKING AREA - THREE STANDARD SMALL METAL SIGNS (1' HIGH X 3' WIDE) FACING THE CONSTRUCTION AREA WITH BLACK LETTERING ON WHITE BACKGROUND (ALUMINUM BLANK SIGN BOARDS WITH VINYL SHEETING) WILL READ AS FOLLOWS IN A PMS COLOR CHART BLACK TEXT AND CASLON 540 TYPE:

CAUTION ENDANGERED TURTLE SPECIES IF YOU SEE ANY TURTLE ON-SITE, IMMEDIATELY CONTACT SITE CONSTRUCTION MANAGER AT (XXX) XXX-XXXX. DO NOT TOUCH OR PICK UP TURTLE. SITE ACTIVITIES AND TRAFFIC SHOULD IMMEDIATELY BE DIRECTED AWAY FROM TURTLE TO AVOID CONTACT WITH AND/OR DISTURBANCE TO THE

RIGHTS RESERVED. COPY OR REPRODUCTION OF THIS PLAN CHAZEN ENGINEERING, LAND SURVEYING ANY PORTION. THEREOF IS PROHIBITED WITHOUT THE WRI ERMISSION OF THE DESIGN ENGINEER, SURVEYOR, OR ARCHITE LANDSCAPE ARCHITECTURE CO., P.C. ILLEGAL. ANY ALTERATION BY A P.E. MUST BE INDICATED AN BEAR THE APPROPRIATE SEAL, SIGNATURE AND DATE OF ALTERATIO COMPANIES Office Locations: Engineers/Surveyors 08/10/2012 | ADDED PROTECTED SPECIES SIGNAGE AND NOTES Environmental Scientists ORIGINAL SCALE IN INCHES 4/25/12 | ADDED DETAIL 17, PER TOWN COMMENTS

CRICKET VALLEY ENERGY
ON-SITE CONSTRUCTION LAYDOWN & PARKING AREA (FORMER RASCO PARCEL) PRELIMINARY TYPICAL EROSION AND **SEDIMENT CONTROL NOTES & DETAILS**

SMD 02/24/12 1"=50 roject no. 81001.01 eet no.

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