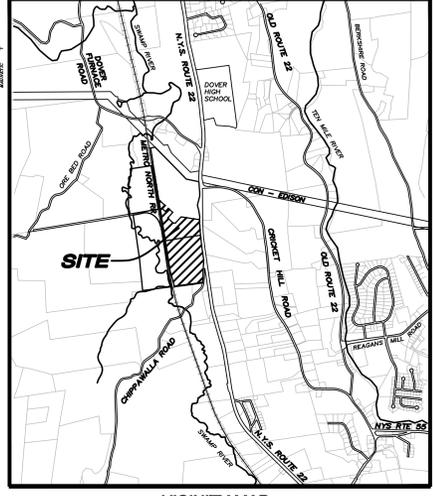
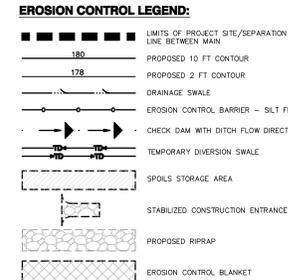


SEDIMENT FACILITIES DESIGN	
TEMPORARY SEDIMENT CONTROL & DETENTION FACILITY #1	DRAINAGE AREA (DA)=1.06 ACRES SEDIMENT VOLUME REQUIRED= (DA)*3,600 CF SEDIMENT VOLUME REQ.=3,816 CF SEDIMENT VOLUME PROVIDED, ELEV. 435.25=4,471 CF TOP OF PRACTICE=438.50 START 9" FREEBOARD=437.75 RIP RAP OUTLET=436.25 BOTTOM OF PRACTICE=432.00 LENGTH OF WEIR=5.0' DEPTH OF WEIR=1.5'
TEMPORARY SEDIMENT CONTROL & DETENTION FACILITY #2	DRAINAGE AREA (DA)=2.69 ACRES SEDIMENT VOLUME REQUIRED= (DA)*3,600 CF SEDIMENT VOLUME REQ.=9,684 CF SEDIMENT VOLUME PROVIDED, ELEV. 432.25=9,711 CF TOP OF PRACTICE=435.50 START 9" FREEBOARD=434.75 RIP RAP OUTLET=433.25 BOTTOM OF PRACTICE=429.00 LENGTH OF WEIR=6.0' DEPTH OF WEIR=1.5'
TEMPORARY SEDIMENT CONTROL & DETENTION FACILITY #3	DRAINAGE AREA (DA)=0.27 ACRES SEDIMENT VOLUME REQUIRED= (DA)*3,600 CF SEDIMENT VOLUME REQ.=972 CF SEDIMENT VOLUME PROVIDED, ELEV. 433.50=1,110 CF TOP OF PRACTICE=436.50 12" PIPE OUTLET=432.00 RISER BARREL DIAMETER = 15"
TEMPORARY SEDIMENT CONTROL & DETENTION FACILITY #4	DRAINAGE AREA (DA)=1.67 ACRES SEDIMENT VOLUME REQUIRED= (DA)*3,600 CF SEDIMENT VOLUME REQ.=6,012 CF SEDIMENT VOLUME PROVIDED, ELEV. 433.50=7,018 CF TOP OF PRACTICE=436.75 START 9" FREEBOARD=436.00 RIP RAP OUTLET=434.50 BOTTOM OF PRACTICE=431.00 LENGTH OF WEIR=5.0' DEPTH OF WEIR=1.5'
TEMPORARY RIP RAP OUTLET SEDIMENT TRAP #5	DRAINAGE AREA (DA)=4.00 ACRES SEDIMENT VOLUME REQUIRED= (DA)*3600 CF SEDIMENT VOLUME REQ.=14,400 CF SEDIMENT VOLUME PROVIDED, ELEV. 420.75=19,866 CF TOP OF PRACTICE=424.00 START 9" FREEBOARD=423.25 RIP RAP OUTLET=421.75 BOTTOM OF PRACTICE=417 LENGTH OF WEIR=10.0' DEPTH OF WEIR=1.5'

- GP-0-10-001 COMPLIANCE NOTES:**
- PRELIMINARY EROSION AND SEDIMENT CONTROL NOTES:**
- SITE CONSTRUCTION WILL NEED TO PROCEED WITH GREATER THAN 5-ACRES OF SOIL DISTURBED AT A GIVEN TIME. AS THE DEVELOPMENT PLAN IS REVISED DURING THE SITE PLAN REVIEW AND PERMITTING PROCESS, A WAIVER TO DISTURB GREATER THAN 5-ACRES OF SOIL WILL BE REQUESTED FROM THE NYSDEC.
 - THE PROJECT SHALL NOT DISTURB 20 OR MORE ACRES OF LAND AT ONE TIME FOLLOWING AUGUST 1, 2011, AND SHALL NOT DISTURB MORE THAN 10 OR MORE ACRES OF LAND AT ONE TIME FOLLOWING FEBRUARY 2, 2011, UNLESS THE PROJECT DISTURBS MORE THAN THE SPECIFIED AREAS DURING THE TIME PERIODS LISTED ABOVE. PROJECT SPONSOR SHALL SAMPLE STORM WATER DISCHARGES AND REPORT LEVELS OF TURBIDITY IN THE DISCHARGES IN ACCORDANCE WITH REQUIREMENTS AND METHODS TO BE ESTABLISHED BY THE ENVIRONMENTAL PROTECTION AGENCY.
 - BECAUSE THIS PROJECT WILL INVOLVE THE DISTURBANCE OF GREATER THAN FIVE ACRES OF SOIL AT ANY ONE TIME, SITE INSPECTIONS SHALL OCCUR AT AN INTERVAL OF AT LEAST TWICE EVERY SEVEN CALENDAR DAYS, WITH THE INSPECTORS SEPARATED BY A MINIMUM OF AT LEAST TWO FULL CALENDAR DAYS.
- PRELIMINARY EROSION AND SEDIMENT CONTROL CONSTRUCTION SEQUENCING SCHEDULE**
- PRE-CONSTRUCTION:**
- SCHEDULE A PRE-CONSTRUCTION MEETING WHICH SHALL INCLUDE THE TOWN OF DOVER AUTHORIZED REPRESENTATIVE, QPESC* CONTRACTOR AND ANY INVOLVED SUBCONTRACTORS TO DISCUSS RESPONSIBILITIES AS THEY RELATE TO THE IMPLEMENTATION OF THE SWPPP.
 - ESTABLISH THE STABILIZED CONSTRUCTION ENTRANCE AS SHOWN ON THIS SHEET.
 - INSTALL SILT FENCE BARRIERS AS SHOWN ON THIS SHEET.
 - CONTRACTOR SHALL VERIFY AND OBTAIN APPROVALS FROM THE NEW YORK METRO-NORTH RAILROAD FOR ANY CONSTRUCTION ADJACENT TO THE RAILROAD PROPERTY. ENTRY PERMIT AGREEMENT MAYBE REQUIRED PRIOR TO AND DURING CONSTRUCTION, INCLUDING BLASTING.
 - TREE CLEARING SHALL BE CONDUCTED PER THE REQUIREMENTS OF THE UNITED STATES FISH AND WILDLIFE (USFWS) SERVICES AND THE FINAL ENVIRONMENTAL IMPACT STATEMENT (FEIS).
- PRIOR TO GRADING ACTIVITIES:**
- SCHEDULE A: "PRIOR TO GRADING ACTIVITIES" MEETING WHICH SHALL INCLUDE THE TOWN OF DOVER AUTHORIZED REPRESENTATIVE, QPESC* CONTRACTOR AND ANY INVOLVED SUBCONTRACTORS TO DISCUSS RESPONSIBILITIES AS THEY RELATE TO THE IMPLEMENTATION OF THE SWPPP.
 - DELINEATE SOIL STOCKPILE AREA AND ESTABLISH SILT FENCE BARRIER AROUND THE PERIMETER.
 - REPAIR SILT FENCE AND STABILIZED CONSTRUCTION AS DEEMED NECESSARY. INSTALL ADDITIONAL SILT FENCE FOR CONSTRUCTION OF RIP-RAP SEDIMENT TRAPS.
 - INITIATE CONSTRUCTION TEMPORARY SEDIMENT CONTROL FACILITY #5 AND ASSOCIATED DIVERSION SWALE AND OUTLETS. PROVIDE TEMPORARY SEEDING OF DIVERSION SWALE AND INSTALL CHECK DAMS.
 - INITIATE CONSTRUCTION TEMPORARY RIP-RAP SEDIMENT CONTROL & DETENTION FACILITY #4 AND ASSOCIATED DIVERSION SWALES AND OUTLETS. PROVIDE TEMPORARY SEEDING OF DIVERSION SWALE AND INSTALL CHECK DAMS.
 - INITIATE CONSTRUCTION TEMPORARY RIP-RAP SEDIMENT CONTROL & DETENTION FACILITY #3 AND ASSOCIATED DIVERSION SWALES AND OUTLETS. PROVIDE TEMPORARY SEEDING OF DIVERSION SWALE AND INSTALL CHECK DAMS.
 - INITIATE CONSTRUCTION TEMPORARY RIP-RAP SEDIMENT CONTROL & DETENTION FACILITY #2 AND ASSOCIATED DIVERSION SWALES AND OUTLETS. PROVIDE TEMPORARY SEEDING OF DIVERSION SWALE AND INSTALL CHECK DAMS.
 - INITIATE CONSTRUCTION TEMPORARY RIP-RAP SEDIMENT CONTROL & DETENTION FACILITY #1 AND ASSOCIATED DIVERSION SWALES AND OUTLETS. PROVIDE TEMPORARY SEEDING OF DIVERSION SWALE AND INSTALL CHECK DAMS.
 - EXCESS TOPSOIL / MATERIALS TO BE STOCKPILED WITHIN THE AREA OF DEDICATED FOR SAID ACTIVITIES ON-SITE.
 - PRIOR TO COMMENCEMENT OF SITE GRADING ACTIVITIES, CONTACT QPESC* AND TOWN OF DOVER AUTHORIZED REPRESENTATIVE TO CONDUCT AN ASSESSMENT OF THE SITE AND CERTIFY THAT THE APPROPRIATE EROSION AND SEDIMENT CONTROL STRUCTURES HAVE BEEN ADEQUATELY INSTALLED, CONSTRUCTED, AND IMPLEMENTED. DO NOT PROCEED WITH GRADING ACTIVITIES UNTIL QPESC* VERIFIES THE INSTALLATION OF THE EROSION AND SEDIMENT CONTROL MEASURES.
 - CONSTRUCT REMAINING DIVERSION SWALES PROVIDE TEMPORARY SEEDING OF DIVERSION SWALES AND CONSTRUCT ALL TEMPORARY CHECK DAMS AS INDICATED ON THE PLANS.
 - QPESC* - QUALIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL, AS DESCRIBED WITHIN THE NYSDEC SPDES "GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY NUMBER GP-0-10-001".



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

Dig Safely. New York
 Mark The Digging Team
 Conduct Soil Tests
 Document Site Marks
 Reconnect Site Marks
800-362-7982

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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0 40' 80' 120'

ORIGINAL SCALE IN INCHES

THE Chazen COMPANIES
Engineers/Surveyors
Planners
Environmental Scientists
Landscape Architects

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

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REV.	DATE	DESCRIPTION

CRICKET VALLEY ENERGY
ON-SITE CONSTRUCTION LAYDOWN & PARKING AREA (FORMER RASCO PARCEL)
PRELIMINARY EROSION & SEDIMENT CONTROL
PLAN - PRIOR TO CONSTRUCTION

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

ISSUED FOR PRELIMINARY USE ONLY

Drawn	Checked
MAE	CL
Site	Scale
02/24/12	1"=40'
Project No.	
81001.01	
Sheet No.	
SP3A	