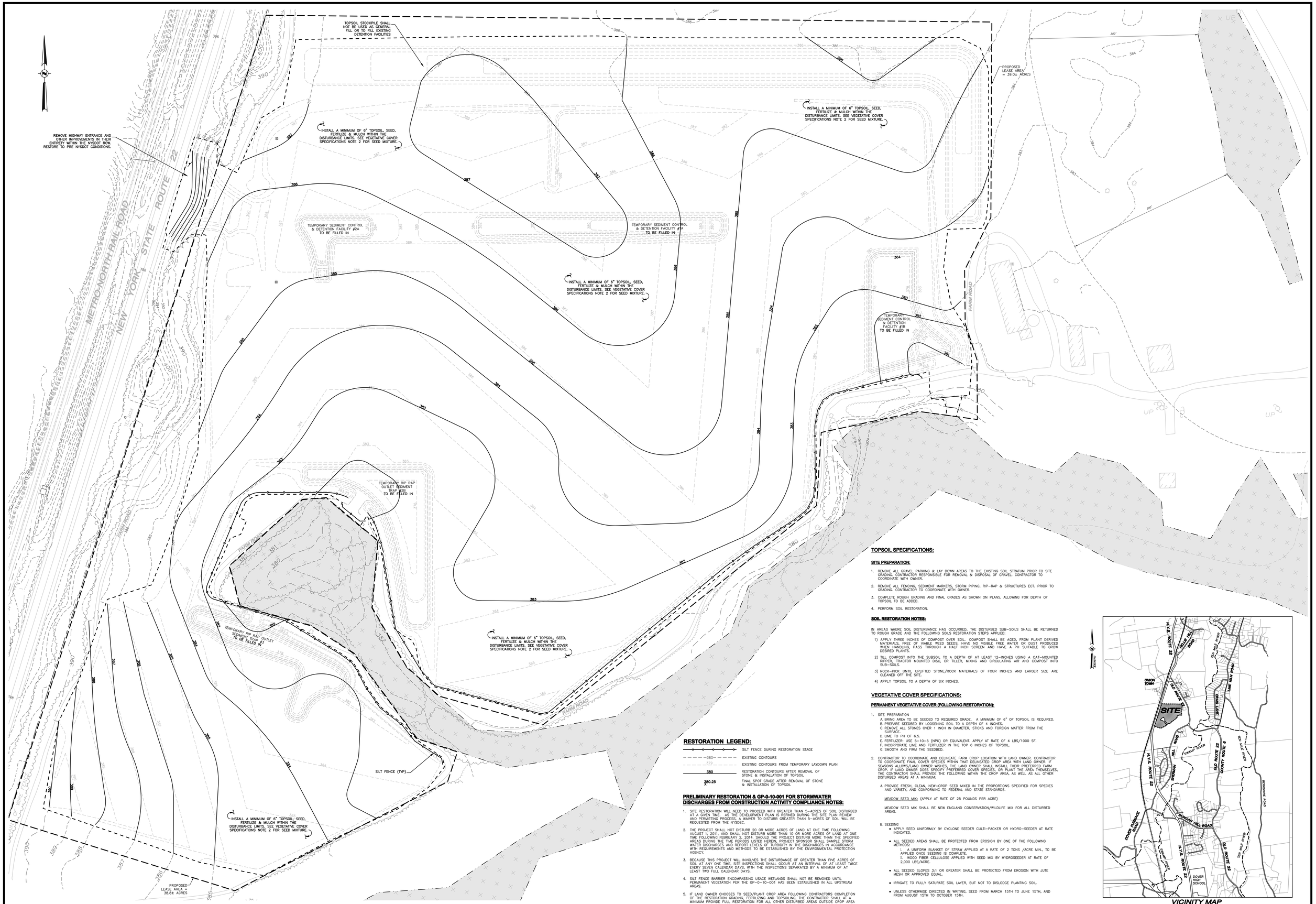


## TOPSOIL SPECIFICATIONS:

### SITE PREPARATION:

1. REMOVE ALL GRAVEL PARKING & LAY DOWN AREAS TO THE EXISTING SOIL STRATUM PRIOR TO SITE GRADING. CONTRACTOR RESPONSIBLE FOR REMOVAL & DISPOSAL OF GRAVEL. CONTRACTOR TO COORDINATE WITH OWNER.
2. REMOVE ALL FENCING, SEDIMENT MARKERS, STORM PIPING, RIP-RAP & STRUCTURES ECT. PRIOR TO GRADING. CONTRACTOR TO COORDINATE WITH OWNER.
3. COMPLETE ROUGH GRADING AND FINAL GRADES AS SHOWN ON PLANS, ALLOWING FOR DEPTH OF TOPSOIL TO BE ADDED.
4. PERFORM SOIL RESTORATION.

### SOIL RESTORATION NOTES:

IN AREAS WHERE SOIL DISTURBANCE HAS OCCURRED, THE DISTURBED SUB-SOILS SHALL BE RETURNED TO ROUGH GRADE AND THE FOLLOWING SOILS RESTORATION STEPS APPLIED:

1) APPLY THREE INCHES OF COMPOST OVER SOIL. COMPOST SHALL BE AGED, FROM PLANT DERIVED MATERIALS, FREE OF VIABLE WEED SEEDS, HAVE NO VISIBLE FREE WATER OR DUST PRODUCED WHEN HANDLING, PASS THROUGH A HALF INCH SCREEN AND HAVE A PH SUITABLE TO GROW DESIRED PLANTS.
2) TILL COMPOST INTO THE SUBSOIL TO A DEPTH OF AT LEAST 12-INCHES USING A CAT-MOUNTED RIPPER, TRACTOR MOUNTED DISC, OR TILLER, MIXING AND CIRCULATING AIR AND COMPOST INTO SUB-SOILS.
3) ROCK-PICK UNTIL UPLIFTED STONE/ROCK MATERIALS OF FOUR INCHES AND LARGER SIZE ARE CLEANED OFF THE SITE.
4) APPLY TOPSOIL TO A DEPTH OF SIX INCHES.

## VEGETATIVE COVER SPECIFICATIONS:

### PERMANENT VEGETATIVE COVER (FOLLOWING RESTORATION):

1. SITE PREPARATION
   - A. BRING AREA TO BE SEEDED TO REQUIRED GRADE. A MINIMUM OF 6" OF TOPSOIL IS REQUIRED.
   - B. PREPARE SEEDBED BY LOOSENING SOIL TO A DEPTH OF 4 INCHES.
   - C. REMOVE ALL STONES OVER 1 INCH IN DIAMETER, STICKS AND FOREIGN MATTER FROM THE SURFACE.
   - D. LIME TO PH OF 6.5.
   - E. FERTILIZER: USE 5-10-5 (NPK) OR EQUIVALENT. APPLY AT RATE OF 4 LBS/1000 SF.
   - F. INCORPORATE LIME AND FERTILIZER IN THE TOP 6 INCHES OF TOPSOIL.
   - G. SMOOTH AND FIRM THE SEEDBED.
2. CONTRACTOR TO COORDINATE AND DELINEATE FARM CROP LOCATION WITH LAND OWNER. CONTRACTOR TO COORDINATE FINAL COVER SPECIES WITHIN THAT DELINEATED CROP AREA WITH LAND OWNER. IF SEASONS ALLOWS/LAND OWNER WISHES, THE LAND OWNER SHALL INSTALL THEIR PREFERRED FARM CROP. IF LAND OWNER DOES SPECIFY PREFERRED COVER SPECIES, OR PLANT THE AREA THEMSELVES, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING WITHIN THE CROP AREA, AS WELL AS ALL OTHER DISTURBED AREAS AT A MINIMUM:
   - A. PROVIDE FRESH, CLEAN, NEW-CROP SEED MIXED IN THE PROPORTIONS SPECIFIED FOR SPECIES AND VARIETY, AND CONFORMING TO FEDERAL AND STATE STANDARDS.

     MEADOW SEED MIX: (APPLY AT RATE OF 25 POUNDS PER ACRE)

     MEADOW SEED MIX SHALL BE NEW ENGLAND CONSERVATION/WILDLIFE MIX FOR ALL DISTURBED AREAS.
   - B. SEEDING
     - APPLY SEED UNIFORMLY BY CYCLONE SEEDER CULTI-PACKER OR HYDRO-SEEDER AT RATE INDICATED.
     - ALL SEEDED AREAS SHALL BE PROTECTED FROM EROSION BY ONE OF THE FOLLOWING METHODS:
       - I. A UNIFORM BLANKET OF STRAW APPLIED AT A RATE OF 2 TONS /ACRE MIN., TO BE APPLIED ONCE SEEDING IS COMPLETE.
       - II. WOOD FIBER CELLULOSE APPLIED WITH SEED MIX BY HYDROSEEDER AT RATE OF 2,000 LBS/ACRE.
     - ALL SEEDED SLOPES 3:1 OR GREATER SHALL BE PROTECTED FROM EROSION WITH JUTE MESH OR APPROVED EQUAL.
     - IRRIGATE TO FULLY SATURATE SOIL LAYER, BUT NOT TO DISLODGE PLANTING SOIL.
     - UNLESS OTHERWISE DIRECTED IN WRITING, SEED FROM MARCH 15TH TO JUNE 15TH, AND FROM AUGUST 15TH TO OCTOBER 15TH.

## RESTORATION LEGEND:

| | |
|---|---|
| | SILT FENCE DURING RESTORATION STAGE |
| 380 | EXISTING CONTOURS |
| 370 | EXISTING CONTOURS FROM TEMPORARY LAYDOWN PLAN |
| 380 | RESTORATION CONTOURS AFTER REMOVAL OF STONE & INSTALLATION OF TOPSOIL |
| 380.25 X | FINAL SPOT GRADE AFTER REMOVAL OF STONE & INSTALLATION OF TOPSOIL |

## PRELIMINARY RESTORATION & GP-0-10-001 FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY COMPLIANCE NOTES:

1. SITE RESTORATION WILL NEED TO PROCEED WITH GREATER THAN 5-ACRES OF SOIL DISTURBED AT A GIVEN TIME. AS THE DEVELOPMENT PLAN IS REFINED DURING THE SITE PLAN REVIEW AND PERMITTING PROCESS, A WAIVER TO DISTURB GREATER THAN 5-ACRES OF SOIL WILL BE REQUESTED FROM THE NYSDEC.
2. 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, 2014. SHOULD THE PROJECT DISTURB MORE THAN THE SPECIFIED AREAS DURING THE TIME PERIODS LISTED HEREIN, 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.
3. BECAUSE THIS PROJECT WILL INVOLVES 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 INSPECTIONS SEPARATED BY A MINIMUM OF AT LEAST TWO FULL CALENDAR DAYS.
4. SILT FENCE BARRIER ENCOMPASSING USACE WETLANDS SHALL NOT BE REMOVED UNTIL PERMANENT VEGETATION PER THE GP-0-10-001 HAS BEEN ESTABLISHED IN ALL UPSTREAM AREAS.
5. IF LAND OWNER CHOOSES TO SEED/PLANT CROP AREA FOLLOWING CONTRACTORS COMPLETION OF THE RESTORATION GRADING, FERTILIZING AND TOPSOILING, THE CONTRACTOR SHALL AT A MINIMUM PROVIDE FULL RESTORATION FOR ALL OTHER DISTURBED AREAS OUTSIDE CROP AREA TO A PERMANENT VEGETATED STATE.




VICINITY MAP
SCALE: 1" = 2000'

**ISSUED FOR PRELIMINARY USE ONLY**

PROJECT NAME
CRICKET VALLEY ENERGY – REMOTE LAYDOWN SITE

DEVELOPER
CRICKET VALLEY ENERGY CENTER, LLC.

OWNER OF RECORD
JAMES MUNCEY
344 LAKE ELLIS RD
WINGDALE, NEW YORK 12594

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0 50' 100' 150'
ORIGINAL SCALE IN INCHES

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Phone: (518) 812-0513

| rev. | date | description |
|---|---|---|
| 1 | 04/24/12 | REVISED PER TOWN & CLIENT COMMENTS |

**CRICKET VALLEY ENERGY**
**REMOTE LAYDOWN SITE**

# PRELIMINARY LANDSCPAING & RESTORATION PLAN

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

| | |
|---|---|
| drawn MMF | checked CL |
| date 02/24/12 | scale 1"=50' |
| project no. 81001.01 | |
| sheet no. LS1 | |

Drawing Name: S:\ZF\81000-81099\81001.01\ENG\DWG-MUNCEY\D2-PLAN_LS\1_81001-01_LAND-RESTOR-MUNCEY.dwg
Xref's Attached: XIMAGES_81001-01; XTB_36x48-MUNCEY_81001-01; XLAYOUT-MUNCEY_81001-01; XBASE-MUNCEY_81001-01
Date Printed: May 10, 2012, 3:17pm