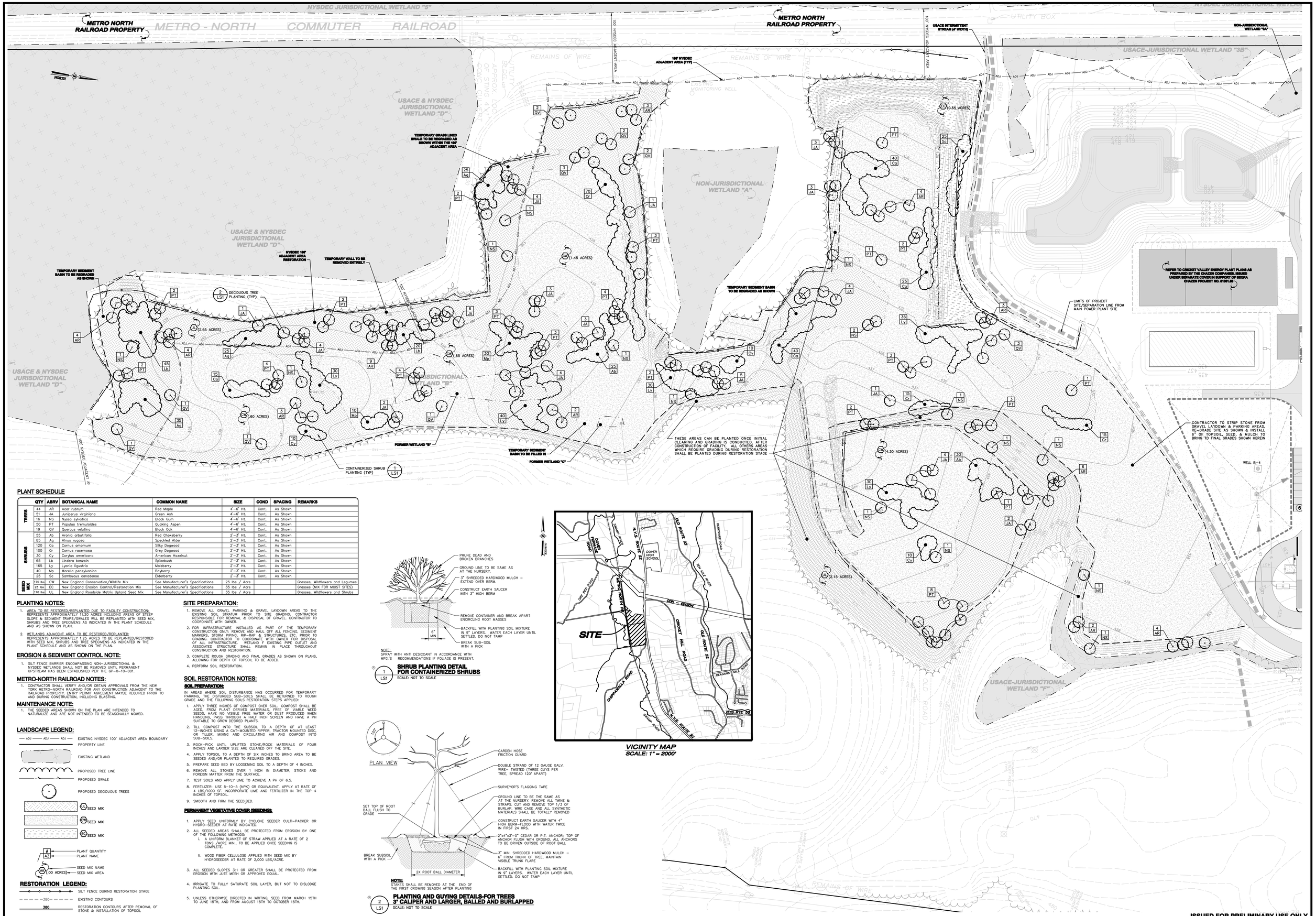

PLANT SCHEDULE

	QTY	ABRV	BOTANICAL NAME	COMMON NAME	SIZE	COND	SPACING	REMARKS
TREES	44	AR	Acer rubrum	Red Maple	4'-6' Ht.	Cont.	As Shown	
	51	JA	Juniperus virginiana	Green Ash	4'-6' Ht.	Cont.	As Shown	
	16	NS	Nyssa sylvatica	Black Gum	4'-6' Ht.	Cont.	As Shown	
	50	PT	Populus tremuloides	Quaking Aspen	4'-6' Ht.	Cont.	As Shown	
	19	QV	Quercus velutina	Black Oak	4'-6' Ht.	Cont.	As Shown	
SHRUBS	55	Ab	Aronia arbutifolia	Red Chokeberry	2'-3' Ht.	Cont.	As Shown	
	85	Ag	Alnus rugosa	Speckled Alder	2'-3' Ht.	Cont.	As Shown	
	120	Co	Cornus amomum	Silky Dogwood	2'-3' Ht.	Cont.	As Shown	
	100	Cr	Cornus racemosa	Grey Dogwood	2'-3' Ht.	Cont.	As Shown	
	30	Cy	Corylus americana	American Hazelnut	2'-3' Ht.	Cont.	As Shown	
	65	Lb	Lindera benzoin	Spicebush	2'-3' Ht.	Cont.	As Shown	
	165	Ly	Lyonia ligustria	Maleberry	2'-3' Ht.	Cont.	As Shown	
	40	Mp	Morella pensylvanica	Bayberry	2'-3' Ht.	Cont.	As Shown	
	25	Sc	Sambucus canadense	Elderberry	2'-3' Ht.	Cont.	As Shown	
SEED MIX	175 lbs	CW	New England Conservation/Wildlife Mix	See Manufacturer's Specifications	25 lbs / Acre			Grasses, Wildflowers and Legumes
	23 lbs	EC	New England Erosion Control/Restoration Mix	See Manufacturer's Specifications	35 lbs / Acre			Grasses (MIX FOR MOIST SITES)
	170 lbs	UL	New England Roadside Matrix Upland Seed Mix	See Manufacturer's Specifications	35 lbs / Acre			Grasses, Wildflowers and Shrubs

PLANTING NOTES:

1. AREA TO BE RESTORED/REPLANTED DUE TO FACILITY CONSTRUCTION: REPRESENTS APPROXIMATELY 11.20 ACRES INCLUDING AREAS OF STEEP SLOPE & SEDIMENT TRAPS/SWALES WILL BE REPLANTED WITH SEED MIX, SHRUBS AND TREE SPECIMENS AS INDICATED IN THE PLANT SCHEDULE AND AS SHOWN ON PLAN.
2. WETLANDS ADJACENT AREA TO BE RESTORED/REPLANTED: REPRESENTS APPROXIMATELY 1.25 ACRES TO BE REPLANTED/RESTORED WITH SEED MIX, SHRUBS AND TREE SPECIMENS AS INDICATED IN THE PLANT SCHEDULE AND AS SHOWN ON THE PLAN.

EROSION & SEDIMENT CONTROL NOTE:

1. SILT FENCE BARRIER ENCOMPASSING NON-JURISDICTIONAL & NYSDEC WETLANDS SHALL NOT BE REMOVED UNTIL PERMANENT UPSTREAM HAS BEEN ESTABLISHED PER THE GP-0-10-001.

METRO-NORTH RAILROAD NOTES:

1. CONTRACTOR SHALL VERIFY AND/OR 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.

MAINTENANCE NOTE:

1. THE SEEDED AREAS SHOWN ON THE PLAN ARE INTENDED TO NATURALIZE AND ARE NOT INTENDED TO BE SEASONALLY MOWED.

LANDSCAPE LEGEND:

- EXISTING NYSDEC 100' ADJACENT AREA BOUNDARY
- PROPERTY LINE
- EXISTING WETLAND
- PROPOSED TREE LINE
- PROPOSED SWALE
- PROPOSED DECIDUOUS TREES
- UL SEED MIX
- CW SEED MIX
- EC SEED MIX
- # / AZ — PLANT QUANTITY / PLANT NAME
- AA (.00 ACRES) — SEED MIX NAME / SEED MIX AREA

RESTORATION LEGEND:

- SILT FENCE DURING RESTORATION STAGE
- 380 — EXISTING CONTOURS
- 380 — RESTORATION CONTOURS AFTER REMOVAL OF STONE & INSTALLATION OF TOPSOIL

SITE PREPARATION:

1. REMOVE ALL GRAVEL PARKING & GRAVEL LAYDOWN AREAS TO THE EXISTING SOIL STRATUM PRIOR TO SITE GRADING. CONTRACTOR RESPONSIBLE FOR REMOVAL & DISPOSAL OF GRAVEL. CONTRACTOR TO COORDINATE WITH OWNER.
2. FOR INFRASTRUCTURE INSTALLED AS PART OF THE TEMPORARY CONSTRUCTION ONLY: REMOVE AND HAUL OFF ALL FENCING, SEDIMENT MARKERS, STORM PIPING, RIP-RAP & STRUCTURES, ETC. PRIOR TO GRADING. CONTRACTOR TO COORDINATE WITH OWNER FOR DISPOSAL OF ALL INFRASTRUCTURE. WETLAND F EXISTING PIPE OUTLET AND ASSOCIATED STRUCTURE SHALL REMAIN IN PLACE THROUGHOUT CONSTRUCTION AND RESTORATION.
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:

SOIL PREPARATION:

IN AREAS WHERE SOIL DISTURBANCE HAS OCCURRED FOR TEMPORARY PARKING, 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 TO BRING AREA TO BE SEEDED AND/OR PLANTED TO REQUIRED GRADES.
5. PREPARE SEED BED BY LOOSENING SOIL TO A DEPTH OF 4 INCHES.
6. REMOVE ALL STONES OVER 1 INCH IN DIAMETER, STICKS AND FOREIGN MATTER FROM THE SURFACE.
7. TEST SOILS AND APPLY LIME TO ACHIEVE A PH OF 6.5.
8. FERTILIZER: USE 5-10-5 (NPK) OR EQUIVALENT. APPLY AT RATE OF 4 LBS/1000 SF. INCORPORATE LIME AND FERTILIZER IN THE TOP 4 INCHES OF TOPSOIL.
9. SMOOTH AND FIRM THE SEED BED.

PERMANENT VEGETATIVE COVER (SEEDING):

1. APPLY SEED UNIFORMLY BY CYCLONE SEEDER CULTI-PACKER OR HYDRO-SEEDER AT RATE INDICATED.
2. 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.
3. ALL SEEDED SLOPES 3:1 OR GREATER SHALL BE PROTECTED FROM EROSION WITH JUTE MESH OR APPROVED EQUAL.
4. IRRIGATE TO FULLY SATURATE SOIL LAYER, BUT NOT TO DISLODGE PLANTING SOIL.
5. UNLESS OTHERWISE DIRECTED IN WRITING, SEED FROM MARCH 15TH TO JUNE 15TH, AND FROM AUGUST 15TH TO OCTOBER 15TH.

NOTE:
SPRAY WITH ANTI DESICCANT IN ACCORDANCE WITH MFG'S RECOMMENDATIONS IF FOLIAGE IS PRESENT.

1 / LS1 **SHRUB PLANTING DETAIL FOR CONTAINERIZED SHRUBS**
SCALE: NOT TO SCALE

VICINITY MAP
SCALE: 1" = 2000'

NOTE:
STAKES SHALL BE REMOVED AT THE END OF THE FIRST GROWING SEASON AFTER PLANTING

2 / LS1 **PLANTING AND GUYING DETAILS-FOR TREES 3" CALIPER AND LARGER, BALLED AND BURLAPPED**
SCALE: NOT TO SCALE

ISSUED FOR PRELIMINARY USE ONLY

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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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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North County Office: 100 Glen Street, Glens Falls, New York 12801, Phone: (518) 812-0513

rev.	date	description
1	4/25/12	REVISED PER TOWN AND CLIENT COMMENTS

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

PRELIMINARY LANDSCAPING & RESTORATION PLAN

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

drawn MMF	checked CL
date 02/24/12	scale 1"=40'
project no. 81001.01	
sheet no. LS1	

Drawing Name: S:\81\81000-81099\81001.01\CNO\DWG-RASCO\06-PLAN_LS1_81001-01_LANDSCAPEREST-RASCO.dwg
Xrefs Attached: X_LAYOUT_81001-00; XTB_36x48-RASCO_81001-01; XBASE-RASCO_81001.01; XLAYOUT-RASCO_81001.01; XLAYOUT-RASCO_81001-01_RESTORED
Date Printed: May 10, 2012, 12:34pm

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