

LANDSCAPE LEGEND:

- WASTE EXCAVATION LIMITS
- WETLAND FILL AREA
- EXISTING NYSDEC 100' ADJACENT AREA BOUNDARY
- PROPERTY LINE
- EXISTING WETLAND
- SEED MIX NAME
- SEED MIX AREA

RESTORATION LEGEND:

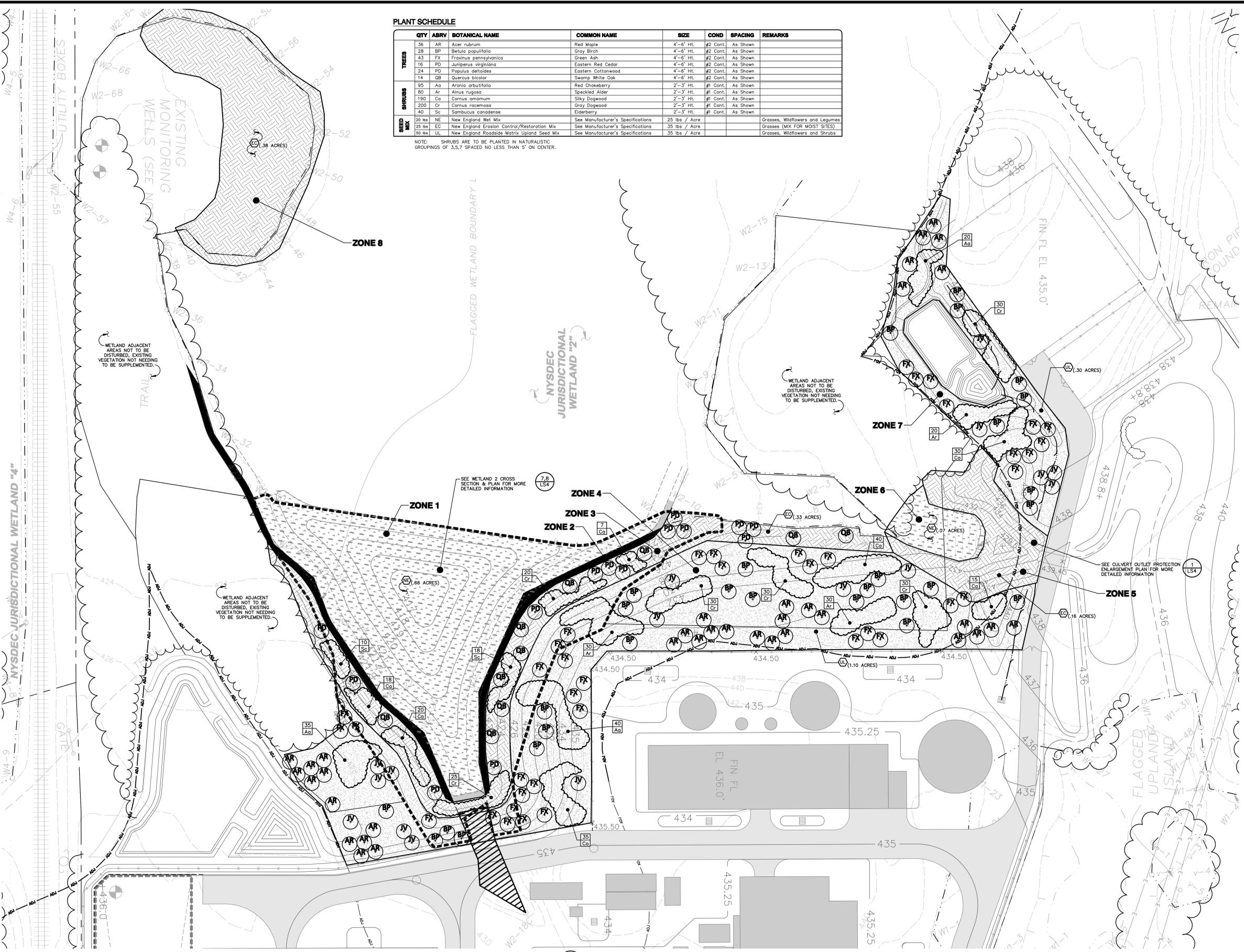
- SILT FENCE DURING RESTORATION STAGE
- EXISTING CONTOURS
- RESTORATION CONTOURS AFTER REMOVAL OF STONE & INSTALLATION OF TOPSOIL

PLANT SCHEDULE

QTY	ABRV	BOTANICAL NAME	COMMON NAME	SIZE	COND	SPACING	REMARKS
36	AR	Acer rubrum	Red Maple	4'-6" Ht.	#2 Cont.	As Shown	
28	BP	Betula populifolia	Gray Birch	4'-6" Ht.	#2 Cont.	As Shown	
43	FX	Fraxinus pennsylvanica	Green Ash	4'-6" Ht.	#2 Cont.	As Shown	
16	PD	Juniperus virginiana	Eastern Red Cedar	4'-6" Ht.	#2 Cont.	As Shown	
24	PD	Populus deltoides	Eastern Cottonwood	4'-6" Ht.	#2 Cont.	As Shown	
14	QB	Quercus bicolor	Swamp White Oak	4'-6" Ht.	#2 Cont.	As Shown	
95	Aa	Aronia arbutifolia	Red Chokeberry	2'-3" Ht.	#1 Cont.	As Shown	
80	Ar	Alnus rugosa	Speckled Alder	2'-3" Ht.	#1 Cont.	As Shown	
190	Ca	Cornus amomum	Silky Dogwood	2'-3" Ht.	#1 Cont.	As Shown	
200	Cr	Cornus racemosa	Gray Dogwood	2'-3" Ht.	#1 Cont.	As Shown	
40	Sc	Sambucus canadensis	Elderberry	2'-3" Ht.	#1 Cont.	As Shown	
20 lbs	NE	New England Wet Mix	See Manufacturer's Specifications	25 lbs / Acre			Grosses, Wildflowers and Legumes
25 lbs	EC	New England Erosion Control/Restoration Mix	See Manufacturer's Specifications	35 lbs / Acre			Grosses (MIX FOR MOST SITES)
50 lbs	UL	New England Roadside Matrix Upland Seed Mix	See Manufacturer's Specifications	35 lbs / Acre			Grosses, Wildflowers and Shrubs

NOTE: SHRUBS ARE TO BE PLANTED IN NATURALISTIC GROUPINGS OF 3,5,7 SPACED NO LESS THAN 5' ON CENTER.

- RESTORATION PLANTING ZONES:**
- ZONE 1: OPEN WATER (REFER TO SHEET 2 OF 3 FOR CROSS-SECTION):** OPEN WATER AREA TO BE CREATED WITHIN AREA W2-A BY EXCAVATION OF NON-NATIVE SEDIMENT. REPRESENTS 0.66 ACRES IN SIZE FROM CONTOUR 422' - 417'. AREA TO BE BROADCAST SEED WITH NEW ENGLAND WET SEED MIX AT A RATE OF 15 POUNDS PER ACRE. OPEN WATER AREA ALLOWED TO NATURALLY REVEGETATE.
 - ZONE 2: WETLAND CREATION AREA:** REPRESENTS 0.08 ACRES OF EMERGENT ZONE CREATED ALONG THE PERIMETER OF AREA W2-A (FROM APPROXIMATE FLAG W2-10 TO FLAG W2-30) TO BE BROADCAST SEED WITH NEW ENGLAND WET SEED MIX AT A RATE OF 15 POUNDS PER ACRE.
 - ZONE 3: WETLANDS ADJACENT AREA TO BE RESTORED/REPLANTED DUE TO WASTE EXCAVATION:** REPRESENTS APPROXIMATELY 0.33 ACRES OF WETLAND ADJACENT AREA PROPOSED TO BE RESTORED BY WASTE DEBRIS REMOVAL AND EXCAVATION; TO BE BROADCAST SEED WITH NEW ENGLAND EROSION CONTROL/RESTORATION SEED MIX AT A RATE OF 35 POUNDS PER ACRE & TO BE REPLANTED/RESTORED WITH NATIVE TREE/SHRUB SPECIES AT THE RATE OF 436 SPECIMENS PER ACRE.
 - TREES (24)
 - 14 - Populus deltoides, Eastern Cottonwood
 - 10 - Quercus bicolor, Swamp White Oak
 - SHRUBS (118)
 - 43 - Cornus racemosa, Gray Dogwood
 - 45 - Cornus amomum, Silky Dogwood
 - 28 - Sambucus canadensis, Elderberry
 - ZONE 4: WETLANDS ADJACENT AREA TO BE EVALUATED FOR SELECTIVE RESTORATION/REPLANTING:** REPRESENTS 1.10 ACRES (APPROXIMATELY 08 OUTSIDE WETLAND ADJACENT AREA) AREAS OF EXISTING SHRUB/TREE COVER ON MODERATE SLOPES WITHIN THE PROPOSED LIMITS OF CONSTRUCTION GROUND DISTURBANCE. TO BE BROADCAST SEED WITH NEW ENGLAND ROADSIDE MATRIX UPLAND SEED MIX AT A RATE OF 35 POUNDS PER ACRE & RE-VEGETATION WITH APPROPRIATELY SIZED NATIVE TREE/SHRUB SPECIES AT THE RATE OF 436 SPECIMENS PER ACRE.
 - TREES (80)
 - 30 - Fraxinus pennsylvanica, Green Ash
 - 20 - Betula populifolia, Gray Birch
 - 30 - Acer rubrum, Red Maple
 - SHRUBS (330)
 - 90 - Cornus racemosa, Gray Dogwood
 - 90 - Cornus amomum, Silky Dogwood
 - 75 - Alnus rugosa, Speckled Alder
 - 75 - Aronia arbutifolia, Red Chokeberry
 - ZONE 5: WETLANDS ADJACENT AREA TO BE RESTORED/REPLANTED DUE TO FACILITY CONSTRUCTION:** REPRESENTS 0.16 ACRES (APPROXIMATELY 04 ACRES OUTSIDE WETLAND ADJACENT AREA) IN AREAS PROPOSED TO BE DISTURBED BY FACILITY CONSTRUCTION AS WELL AS AROUND PROPOSED BIO-RETENTION BASINS. TO BE BROADCAST SEED WITH NEW ENGLAND EROSION CONTROL/RESTORATION SEED MIX AT A RATE OF 35 POUNDS PER ACRE & TO BE REPLANTED/RESTORED WITH NATIVE TREE/SHRUB SPECIES AT A RATE OF 436 SPECIMENS PER ACRE.
 - TREES (14)
 - 10 - Populus deltoides, Eastern Cottonwood
 - 4 - Quercus bicolor, Swamp White Oak
 - SHRUBS (82)
 - 35 - Cornus racemosa, Gray Dogwood
 - 35 - Cornus amomum, Silky Dogwood
 - 12 - Sambucus canadensis, Elderberry
 - ZONE 6: WETLANDS ADJACENT AREA TO BE RESTORED/REPLANTED DUE TO WASTE EXCAVATION:** REPRESENTS 0.7 ACRES OF WETLAND ADJACENT AREA PROPOSED TO BE DISTURBED FOR CONSTRUCTION OF THE PROPOSED BOX CULVERT; BROADCAST SEED WITH NEW ENGLAND WET SEED MIX AT A RATE OF 15 POUNDS PER ACRE.
 - ZONE 7: UPLAND AREA FOR RESTORATION/REPLANTING:** REPRESENTS .30 ACRES ON MODERATE SLOPES OUTSIDE THE WETLAND ADJACENT AREA AND AROUND PROPOSED BIORETENTION BASIN. TO BE BROADCAST SEED WITH NEW ENGLAND ROADSIDE MATRIX UPLAND SEED MIX AT A RATE OF 35 POUNDS PER ACRE. RE-VEGETATION WITH APPROPRIATELY SIZED NATIVE TREE/SHRUB SPECIES AT THE RATE OF 436 SPECIMENS PER ACRE.
 - TREES (24)
 - 10 - Fraxinus pennsylvanica, Green Ash
 - 8 - Betula populifolia, Gray Birch
 - 6 - Acer rubrum, Red Maple
 - SHRUBS (100)
 - 30 - Cornus racemosa, Gray Dogwood
 - 30 - Cornus amomum, Silky Dogwood
 - 20 - Alnus rugosa, Speckled Alder
 - 20 - Aronia arbutifolia, Red Chokeberry
 - ZONE 8: WETLANDS ADJACENT AREA TO BE RESTORED/REPLANTED DUE TO WASTE EXCAVATION:** REPRESENTS 0.38 ACRES OF WETLAND ADJACENT AREA PROPOSED TO BE RESTORED BY WASTE DEBRIS REMOVAL AND EXCAVATION; FOR STABILIZATION, AREA TO BE BROADCAST SEED WITH NEW ENGLAND EROSION CONTROL/RESTORATION SEED MIX AT A RATE OF 15 POUNDS PER ACRE.



1 WETLAND RESTORATION PLAN
SCALE: 1"=20'

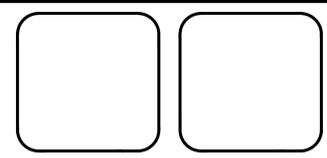
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REV.	DATE	DESCRIPTION

CRICKET VALLEY ENERGY

WETLAND RESTORATION PLANTING AREA PLAN

TOWN OF DOVER, DUTCHESS COUNTY, NEW YORK

drawn	checked
HPS	CL
date	scale
8/30/12	1"=30'
project no.	81001.00
sheet no.	LS3

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