



# PUBLIC NOTICE

US Army Corps  
of Engineers

New York District, CENAN-OP-R

Upstate Regulatory Field Office

1 Buffington Street, Bldg. 10, 3<sup>rd</sup> Floor

Watervliet, New York 12189-4000

**In replying refer to:**

Public Notice Number: NAN-2013-01407

Issue Date: April 29, 2014

Expiration Date: May 29, 2014

To Whom It May Concern:

The New York District, Corps of Engineers has received an application for a Department of the Army permit pursuant to Section 404 of the Clean Water Act (33 U.S. C. 1344).

**APPLICANT:** Greene County Industrial Development Agency  
270 Mansion Street  
Coxsackie, New York 12051

**ACTIVITY:** The discharge of fill material into waters of the United States to facilitate the construction of a "shovel ready" commercial development

**WATERWAY:** Wetlands associated within Climax Brook, in the Hudson River Basin

**LOCATION:** Town of Coxsackie, Greene County, New York

A detailed description and plans of the applicant's activity are enclosed to assist in your review.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

ALL COMMENTS REGARDING THE PERMIT APPLICATION MUST BE PREPARED IN WRITING AND MAILED TO THE ATTENTION OF ANDREW DANGELR AT THE ABOVE ADDRESS, OR SENT VIA ELECTRONIC MAIL TO [Andrew.C.Dangler@usace.army.mil](mailto:Andrew.C.Dangler@usace.army.mil), TO REACH THIS OFFICE BY THE EXPIRATION DATE OF THIS NOTICE, otherwise, it will be presumed that there are no objections to the activity. Comments provided will become a part of the public record for this action.

Any person may request, in writing, before this public notice expires, that a public hearing be held to collect information necessary to consider this application. Requests for public hearings shall state, with particularity, the reasons why a public hearing should be held. It should be noted that information submitted by mail is considered just as carefully in the permit decision process and bears the same weight as that furnished at a public hearing.

Our preliminary determination is that the activity for which authorization is sought herein may effect, but is not likely to adversely affect any Federally endangered or threatened species or their critical habitat. However, pursuant to Section 7 of the Endangered Species Act (16 U.S.C. 1531), the District Engineer is consulting with the appropriate Federal agency to determine the presence of and potential impacts to listed species in the project area or their critical habitat.

Based upon a review of the GIS resources map on the N.Y.S. Office of Parks, Recreation and Historic Preservation (SHPO) website, the project site is located within areas identified by the SHPO as "Archeo Sensitive Areas". Further consultation with SHPO, the Stockbridge – Munsee Band of Mohicans and Saint Regis Mohawk Tribes regarding these "Archeo Sensitive Areas" is being conducted and will be concluded prior to the final decision.

Reviews of activities pursuant to Section 404 of the Clean Water Act will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 (b) of the Clean Water Act and the applicant will obtain a water quality certificate or waiver from the appropriate state agency in accordance with Section 401 of the Clean Water Act prior to a permit decision.

In addition to any required water quality certificate, the applicant has obtained or requested the following governmental authorization for the activity under consideration:

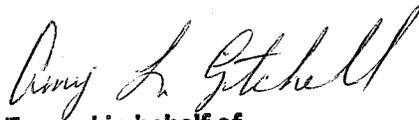
- New York State Department of Environmental Conservation Article 11 Incidental Take Permit
- New York State Department of Environmental Conservation Article 24 Freshwater Wetlands Permit

In order for us to better serve you, please complete our Customer Service Survey located at:

<http://www.nan.usace.army.mil/Missions/Regulatory/CustomerSurvey.aspx>

It is requested that you communicate the foregoing information concerning the activity to any persons known by you to be interested and who did not receive a copy of this notice. If you have any questions concerning this application, you may contact Andrew Dangler of this office at (518) 266-6356.

For more information on New York District Corps of Engineers programs, visit our website at <http://www.nan.usace.army.mil>



**For and in behalf of**

Jodi M. McDonald  
Chief, Regulatory Branch

Enclosures

## WORK DESCRIPTION

The applicant, the Greene County Industrial Development Agency, has requested a Department of the Army permit for the discharge of fill materials into waters of the United States to facilitate construction of a "shovel ready" commercial development to be known as "Fountain Flats Business Park". The site is located in along east side of U.S. Route 9W, in the Town of Coxsackie, Greene County, New York.

The work would involve the discharge of fill material into 1.58 acres of palustrine emergent wetlands to facilitate the construction of a 500,000 square foot distribution/warehouse building, as well as an associated access road, parking areas, utilities, and stormwater facilities. The project would be conducted in two (2) phases. Phase 1 will consist of constructing the building and attendant features. Phase 2 would accommodate the potential expansion of the facility. All impacts to waters of the United States would occur under Phase 1. To mitigate for the proposed impacts to aquatic resources, the applicant proposes to establish 3.83 acres of emergent wetlands within close proximity to previously established wetlands at an off-site location known as the Prescott site, located 0.42-miles to the north of the project site. As proposed, 0.11 acres of palustrine emergent wetland would be impacted to facilitate the construction of the wetland establishment area. Timber mats would be placed within the existing wetland areas to provide construction access to the wetland establishment areas. The applicant also proposes to secure a restrictive covenant over a total of 3.71 of non-impacted, existing wetland at the project site, 49.8 acres of wetlands and 5.7 acres of uplands at the HVBP Habitat Conservation Area, and 20 acres of wetland and 45.1 acres of uplands at the Marrone Habitat Conservation Area.

The applicant has stated that they have avoided and minimized proposed impacts to the maximum extent practicable by utilizing existing utilities, and is proposing mitigation for the functions to be impacted by the project, including the establishment of 3.83 acres of emergent wetlands, and preserving a total of existing 73.51 acres of existing wetland.

The stated purpose of this project is to construct a "shovel ready" commercial business park to provide for light industrial, manufacturing or warehouse/distribution space within Greene County in order to provide employment opportunities and a diverse tax base.

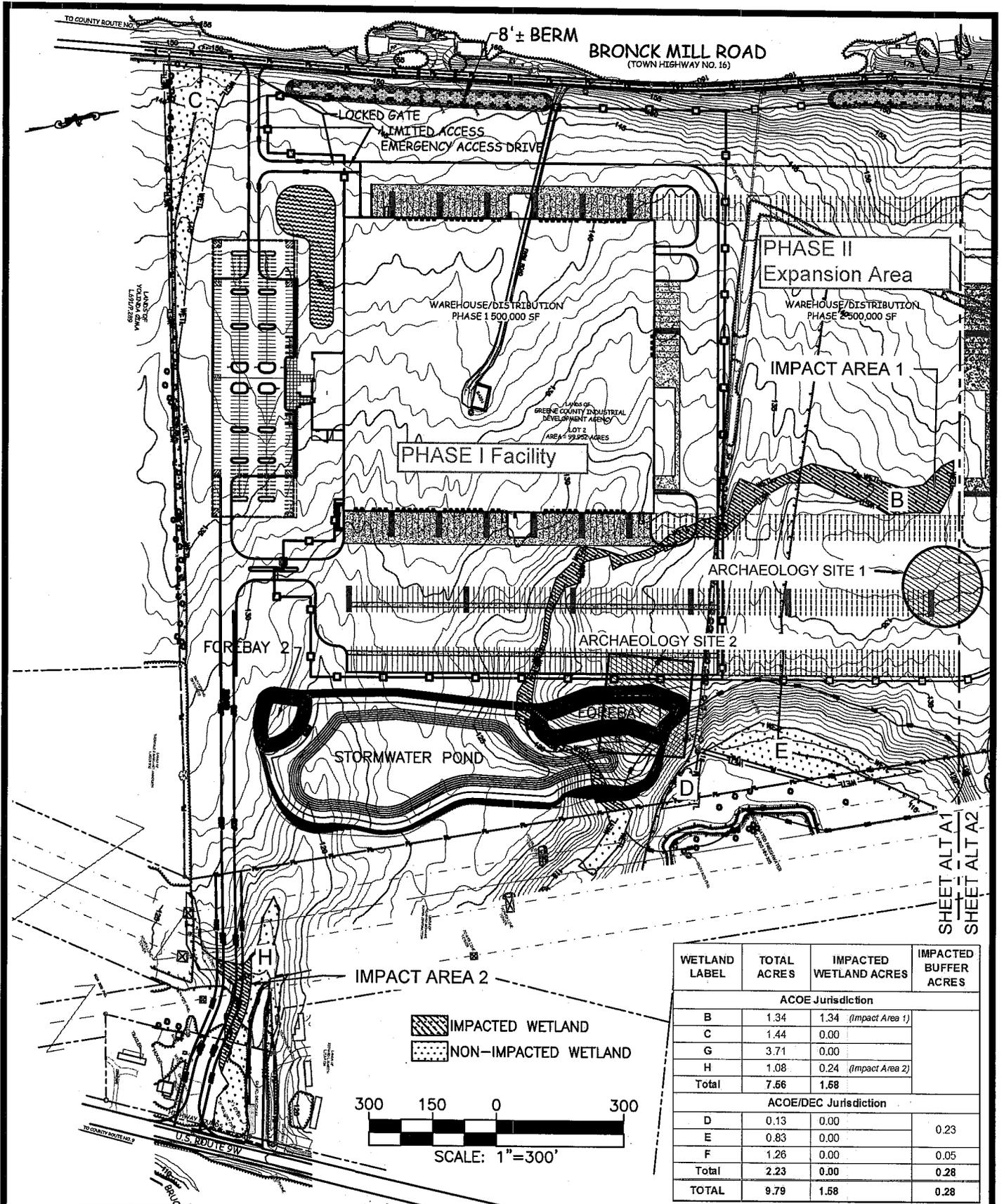


Greene County  
Industrial Development Agency

Fountain Flats Business Park Wetland and Habitat Permit

Map 1: Project Location and Mitigation Sites





SHEET NO:  
**ALT  
A1**

FOUNTAIN FLATS PARK  
GREENE COUNTY INDUSTRIAL DEVELOPMENT AGENCY  
COXSACKIE, NY

FOUNTAIN FLATS BUSINESS PARK  
GENERAL DEVELOPMENT PLAN  
WETLAND IMPACTS

DATE: 3/21/2014  
DRAWN BY: TJ, JLF  
SCALE: 1" = 300'  
REVIEWED BY: MBB  
PROJECT NO.: 07-578  
FILE:

IDA  
**GREENE**  
PLANNING AND ENVIRONMENTAL ENGINEERING

**DELAWARE ENGINEERING, P.C.**  
CIVIL AND ENVIRONMENTAL ENGINEERING

28 Madison Avenue Extension - Albany, NY 12203 Phone: (518) 452-1200  
8-12 Dietz Street, Suite 303 - Oneonta, NY 13820 Phone: (607) 432-8073

ILL ROAD  
WAY NO. 16)

8' ± BERM

WAREHOUSE/DISTRIBUTION  
PHASE 2 500,000 SF

IMPACT AREA 1

PHASE II  
Expansion Area

B

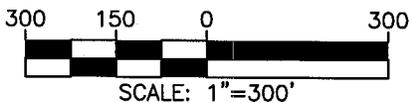
ARCHAEOLOGY SITE

SMITH ROAD

10' ± BERM  
W/PLANTINGS

SHEET ALT A1  
SHEET ALT A2

IMPACTED WETLAND  
NON-IMPACTED WETLAND



WETLAND LABEL	TOTAL ACRES	IMPACTED WETLAND ACRES	IMPACTED BUFFER ACRES
ACOE Jurisdiction			
B	1.34	1.34 (Impact Area 1)	
C	1.44	0.00	
G	3.71	0.00	
H	1.08	0.24 (Impact Area 2)	
<b>Total</b>	<b>7.56</b>	<b>1.58</b>	
ACOE/DEC Jurisdiction			
D	0.13	0.00	0.23
E	0.83	0.00	
F	1.26	0.00	0.05
<b>Total</b>	<b>2.23</b>	<b>0.00</b>	<b>0.28</b>
<b>TOTAL</b>	<b>9.79</b>	<b>1.58</b>	<b>0.28</b>

SHEET NO:

ALT  
A2

FOUNTAIN FLATS PARK  
GREENE COUNTY INDUSTRIAL DEVELOPMENT AGENCY  
COXSACKIE, NY

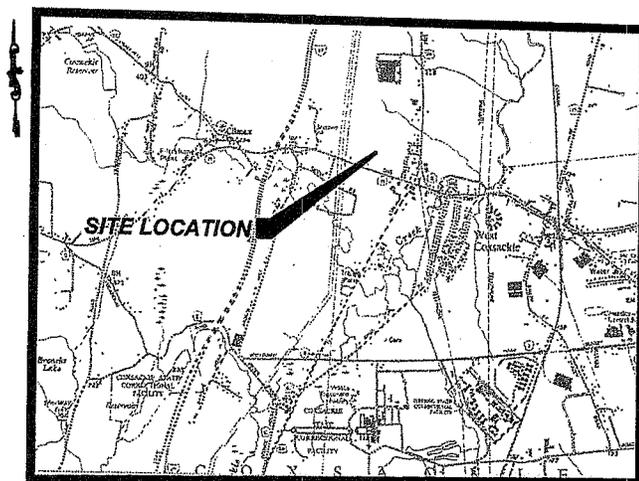
FOUNTAIN FLATS BUSINESS PARK  
GENERAL DEVELOPMENT PLAN  
WETLAND IMPACTS

DATE: 3/21/2014  
DRAWN BY: TJ, JJF  
SCALE: 1"=300'  
REVIEWED BY: MBB  
PROJECT NO.: 07-578  
FILE:

**DELAWARE ENGINEERING, P.C.**  
CIVIL AND ENVIRONMENTAL ENGINEERING  
28 Madison Avenue Extension - Albany, NY 12203 Phone: (518) 452-1200  
6-12 Dietz Street, Suite 303 - Oneonta, NY 13828 Phone: (607) 432-8073

# PRESCOTT WETLAND

for  
GREENE COUNTY  
N.Y.S. ROUTE 81, TOWN OF  
GREENE COUNTY  
JANUARY



SITE LOCATION MAP

MATCH LINE

SEE SHEET COVER A  
SEE SHEET COVER

PREPARED FOR:



**GREENE COUNTY SOIL & WATER  
CONSERVATION DISTRICT**

BOX 907 GREENE COUNTY OFFICE BUILDING, CAIRO, NY 12413  
PHONE (518) 622-3820  
FAX (518) 622-0344

SHEET  
COVER A of 6

# AND MITIGATION PLAN

for  
COUNTY IDA,  
TOWN OF COXSACKIE,  
COUNTY, NEW YORK  
JANUARY 2014

MATCH LINE

SEE SHEET COVER A  
SEE SHEET COVER

DRAWING INDEX	
DRAWING No.	SHEET TITLE
1	Existing Conditions
2	Proposed Site Plan
3	Sections thru Site
4	Sections thru Site (2)
5	Planting Plan
6	Outlet Detail, Erosion & Sediment Control

PREPARED BY:



**DELAWARE  
ENGINEERING, P.C.**  
CIVIL AND ENVIRONMENTAL ENGINEERING

8-12 DIETZ STREET, SUITE 303, ONEONTA, NY 13820 - 607.432.8073  
28 MADISON AVENUE EXTENSION, ALBANY, NY 12203 - 518.452.1280  
6 TOWNSEND STREET, WALTON, NY 13856 - 607.865.92354

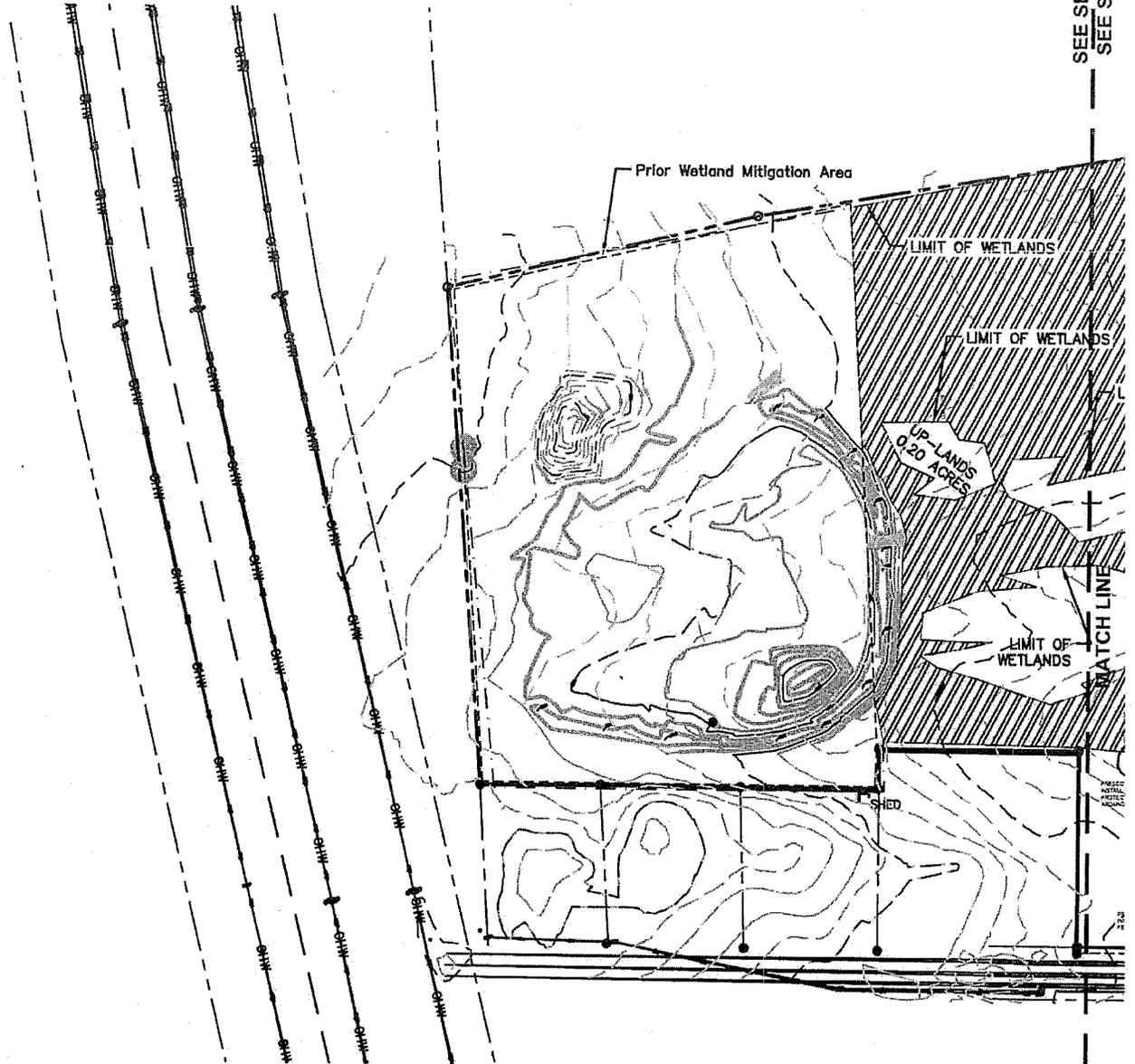
WATER  
CT

13

NOTES:

1. MAPPING PROVIDED BY GREENE COUNTY IDA.
2. WETLANDS DELINEATED BY BAGDON ENVIRONMENTAL DATED NOVEMBER 7, 2013 & VERIFIED BY A.C.O.E.

EXISTING WETLANDS - 13.06 ACRES (LIMIT OF HATCHING)



SEE SHEET 1A  
SEE SHEET 1

SEE SHEET 1A  
SEE SHEET 1



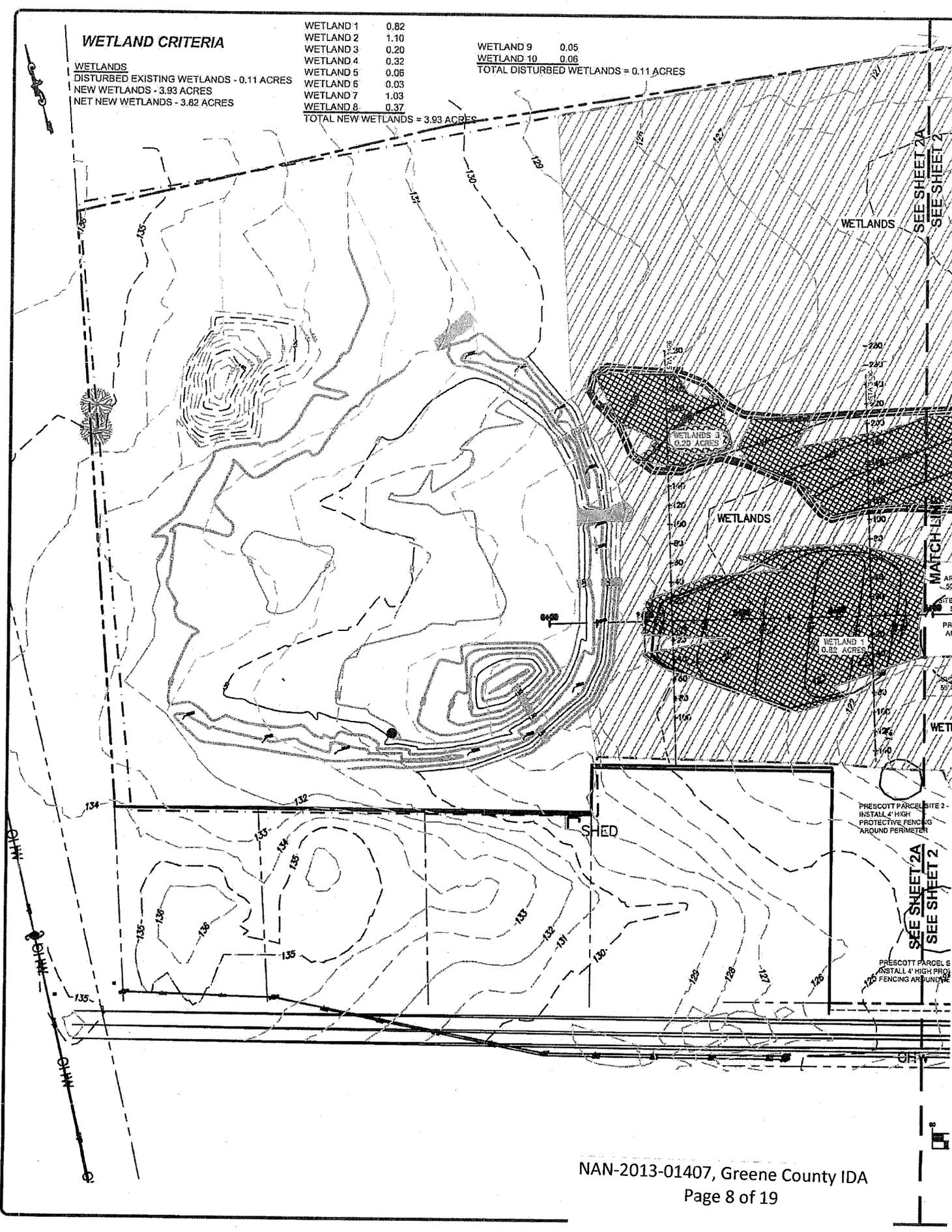
**WETLAND CRITERIA**

**WETLANDS**

DISTURBED EXISTING WETLANDS - 0.11 ACRES  
 NEW WETLANDS - 3.93 ACRES  
 NET NEW WETLANDS - 3.82 ACRES

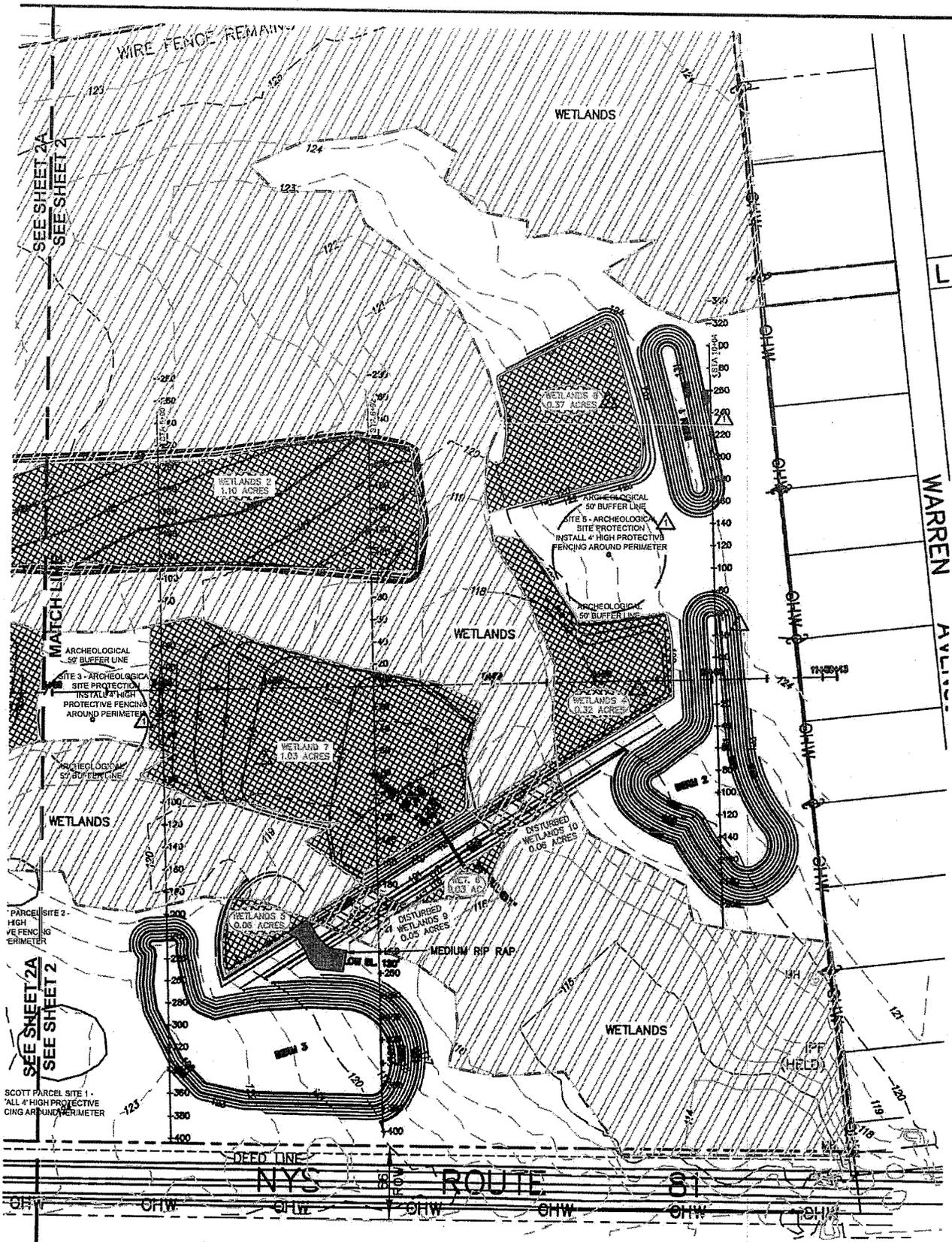
WETLAND 1	0.82
WETLAND 2	1.10
WETLAND 3	0.20
WETLAND 4	0.32
WETLAND 5	0.06
WETLAND 6	0.03
WETLAND 7	1.03
WETLAND 8	0.37
<b>TOTAL NEW WETLANDS = 3.93 ACRES</b>	

WETLAND 9	0.05
WETLAND 10	0.06
<b>TOTAL DISTURBED WETLANDS = 0.11 ACRES</b>	



PRESCOTT PARCEL SITE 2  
 INSTALL 4' HIGH  
 PROTECTIVE FENCING  
 AROUND PERIMETER

PRESCOTT PARCEL 5  
 INSTALL 4' HIGH PRO  
 FENCING AROUND PERIMETER



DATE: 12-18-13  
 DRAWN BY: KJ  
 SCALE: AS SHOWN  
 REVIEWED BY: EF  
 PROJECT NO.:  
 FILE:

**DELAWARE ENGINEERING, P.C.**  
 CIVIL AND ENVIRONMENTAL ENGINEERING

28 MADISON AVENUE EXTENSION, ALBANY, NY 12203 - 518.453.1280  
 8-12 DIETZ STREET, SUITE 303, ONEONTA, NY 13820 - 607.432.8073

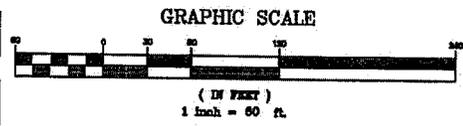
NO.	DATE	DESCRIPTION
1	4-9-14	ARCHEOLOGICAL
2	4-23-14	WETLAND HATCHING

NO.	DATE	DESCRIPTION
1	4-9-14	ARCHEOLOGICAL
2	4-23-14	WETLAND HATCHING

FOR:  
 GREENE COUNTY IDA  
 NYS ROUTE 81, TOWN OF COXSACKIE,  
 GREENE COUNTY, NY

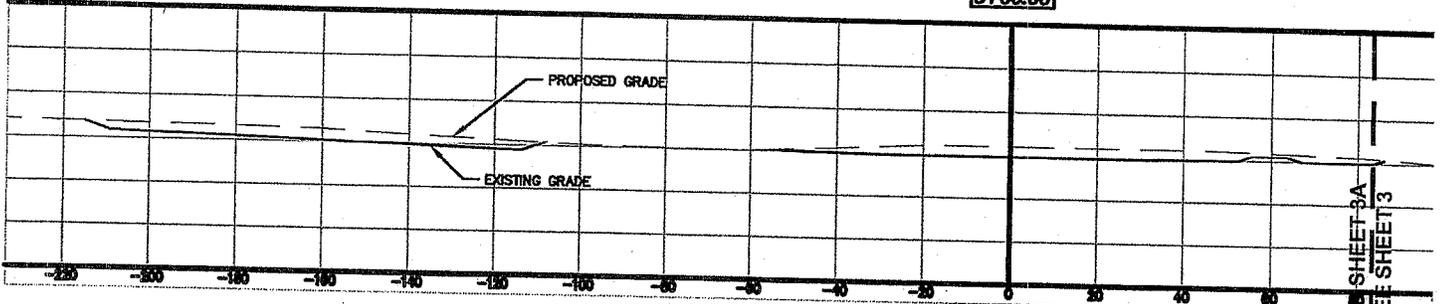
**PROPOSED SITE PLAN**

SHEET:  
**2 of 6**



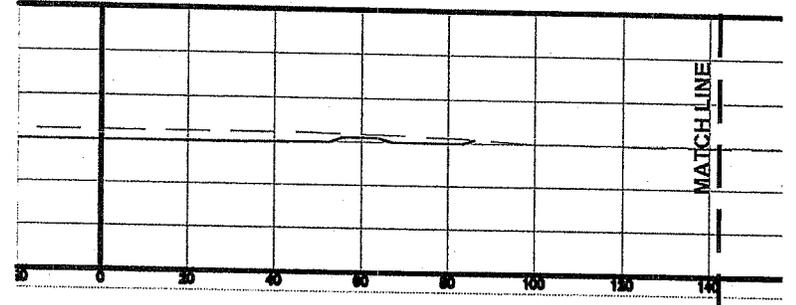
WETLAND 1	0.82	WETLAND 9	0.05
WETLAND 2	1.10	WETLAND 10	0.06
WETLAND 3	0.20	<b>TOTAL DISTURBED WETLANDS = 0.11 ACRES</b>	
WETLAND 4	0.32		
WETLAND 5	0.06		
WETLAND 6	0.03		
WETLAND 7	1.03		
WETLAND 8	0.37		
<b>TOTAL NEW WETLANDS = 3.93 ACRES</b>			

5+00.00



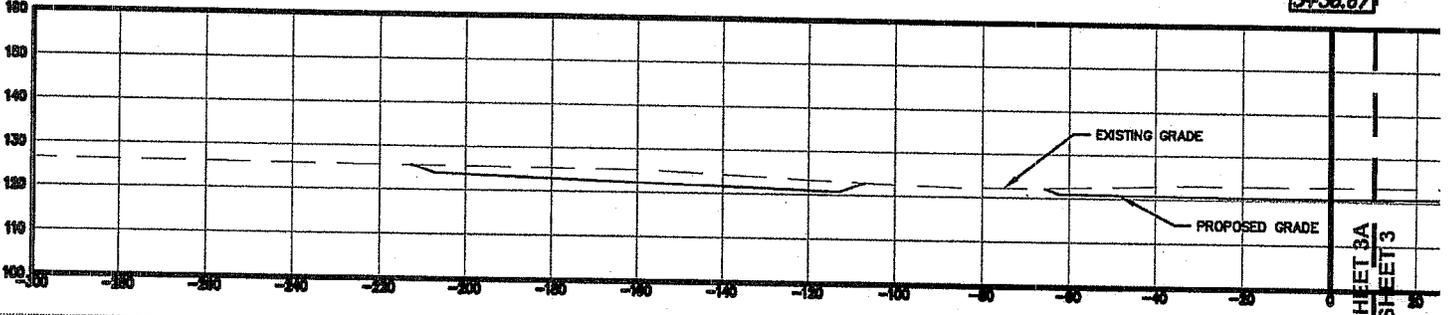
SEE SHEET BA  
SEE SHEET 3

5+00.00



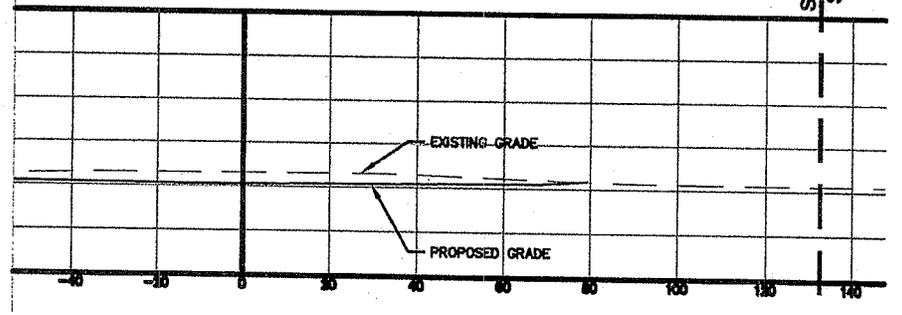
MATCHLINE

3+38.67

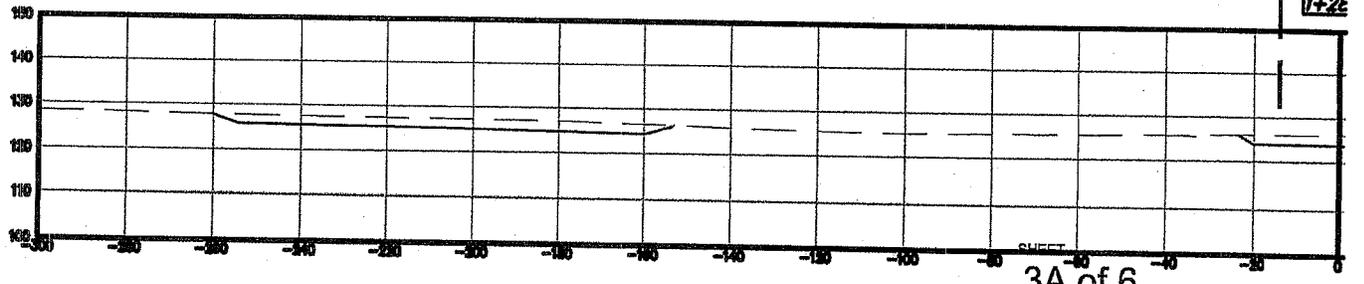


SEE SHEET BA  
SEE SHEET 3

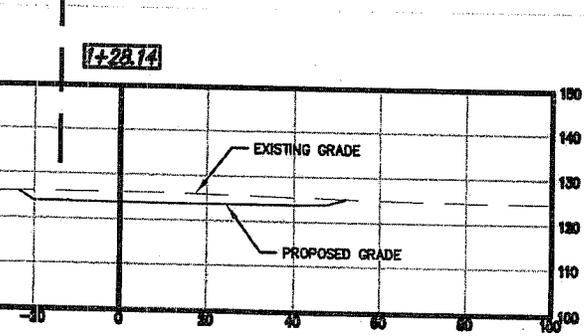
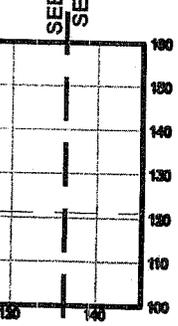
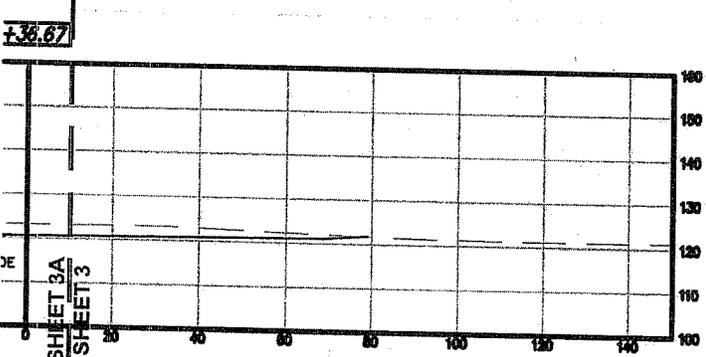
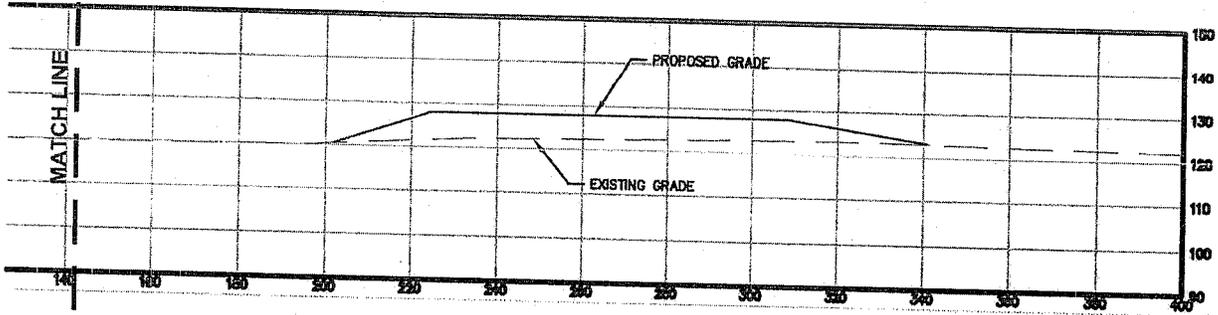
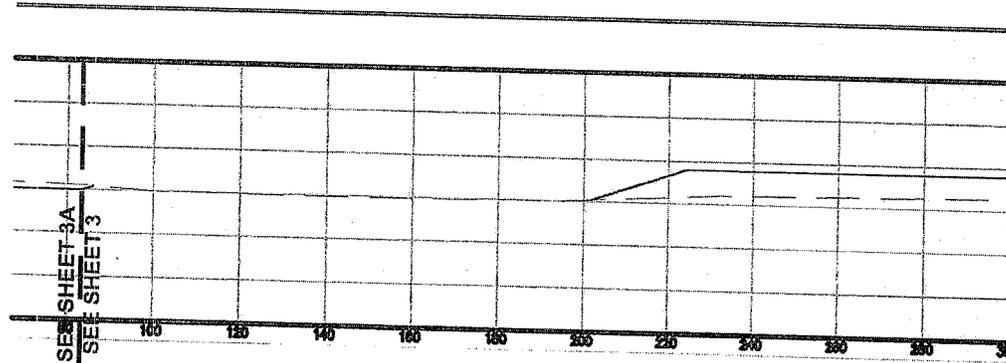
3+38.67



7+25



3A of 6



**SECTIONS THRU SITE**  
SCALE: 1" = 20' H. & V.

DATE: 12-19-13  
 DRAWN BY: KJ  
 SCALE: AS SHOWN  
 REVIEWED BY: EF  
 PROJECT NO.:  
 FILE:

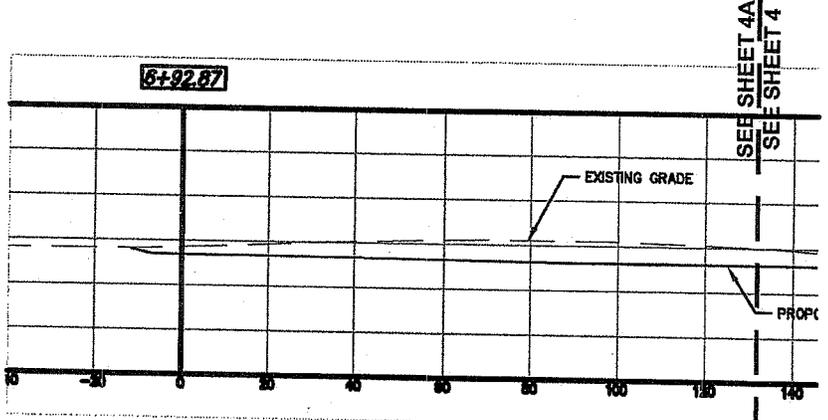
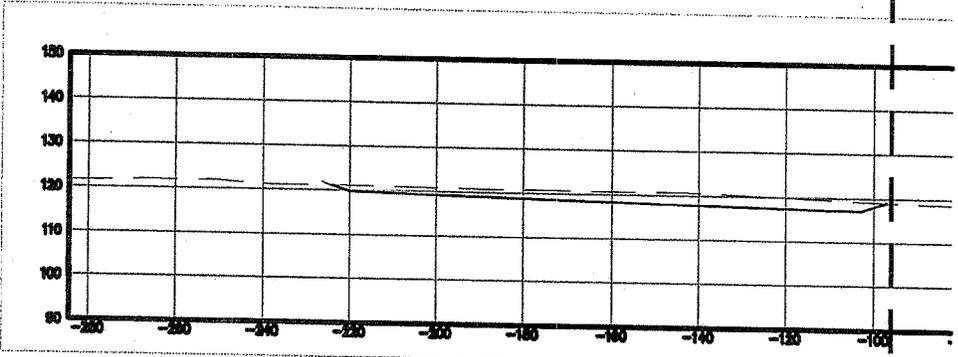
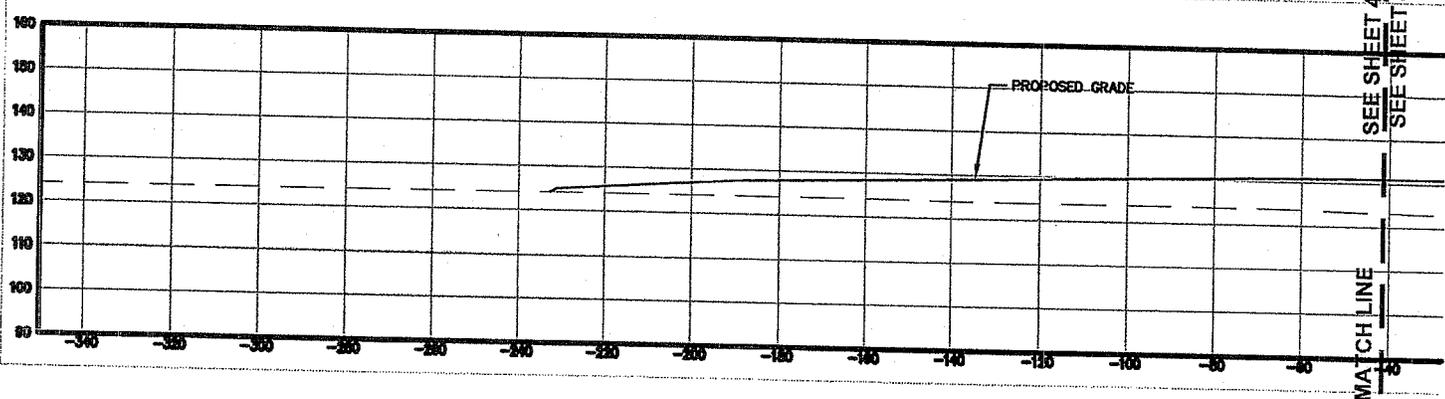
**DELAWARE ENGINEERING, P.C.**  
 CIVIL AND ENVIRONMENTAL ENGINEERING  
 28 MADISON AVENUE EXTENSION, ALBANY, NY 12203-5164/52-1230  
 8-12 DIETZ STREET, SUITE 303, ONEONTA, NY 13920-8074/52-8073

REVISIONS	
NO.	DESCRIPTION

PRESCOTT WETLAND MITIGATION PLAN  
 FOR:  
 GREENE COUNTY IDA  
 NYS ROUTE 81, TOWN OF COXSACKIE,  
 GREENE COUNTY, NY

**SECTIONS THRU SITE**

SHEET:  
**3 of 6**



**SECTIONS THRU SITE**  
SCALE: 1" = 20' H. & V.

SHEET  
**4A of 6**





Planting Schedule for emergent wetland area - below elevation 119'

Depth	Description	Plant Species	Nat-Ind	Spacing
-12" to Water Surface Elevation	Low Marsh or Shallow Emergent	Common Three Square (Scirpus pungens)	OBL	6" - 12" on center
		Cattail (Typha latifolia)		
		Hardstem Bulrush (Scirpus aculus)		
		Sedqes (Cares spp.)		
		Spatterdock (Nuphar luteum)		

Seeding mix for wet clay meadow - above elevation 119'

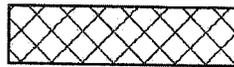
Table 7.1 Wet Meadow Seed Mix

Percent (%)	Common Name	Scientific Name
37.3%	Canada Mannagrass	Glyceria Canadensis
29.3%	Reed Meadowgrass	Glyceria grandis
7.5%	Blue Joint	Calamagrostis canadensis
7.3%	Smooth Panic Grass	Panicum dichotomiflorum
4.9%	Rice Cut Grass	Leersia oryzoides
3.9%	Japanese Millet	Echinochloa crusgalli
3.0%	Blue Verbain	Verbena hastata
1.7%	Canada Wildrice	Elymus Canadensis
1.5%	Water Plainlain	Alisma plantago-aquatica
0.9%	Pennsylvania Smartweed	Polugomum pensylvanicum
0.8%	Nooding Bur Marigold	Bidens cernua
0.7%	Slourt Wood Reedgrass	Cinna arundinacea
0.7%	Spotted Water Hemlock	Cicuta maculata
0.3%	Beggars Tick	Bidensfondosa
0.2%	Swamp Dock	Rumex verticillatus

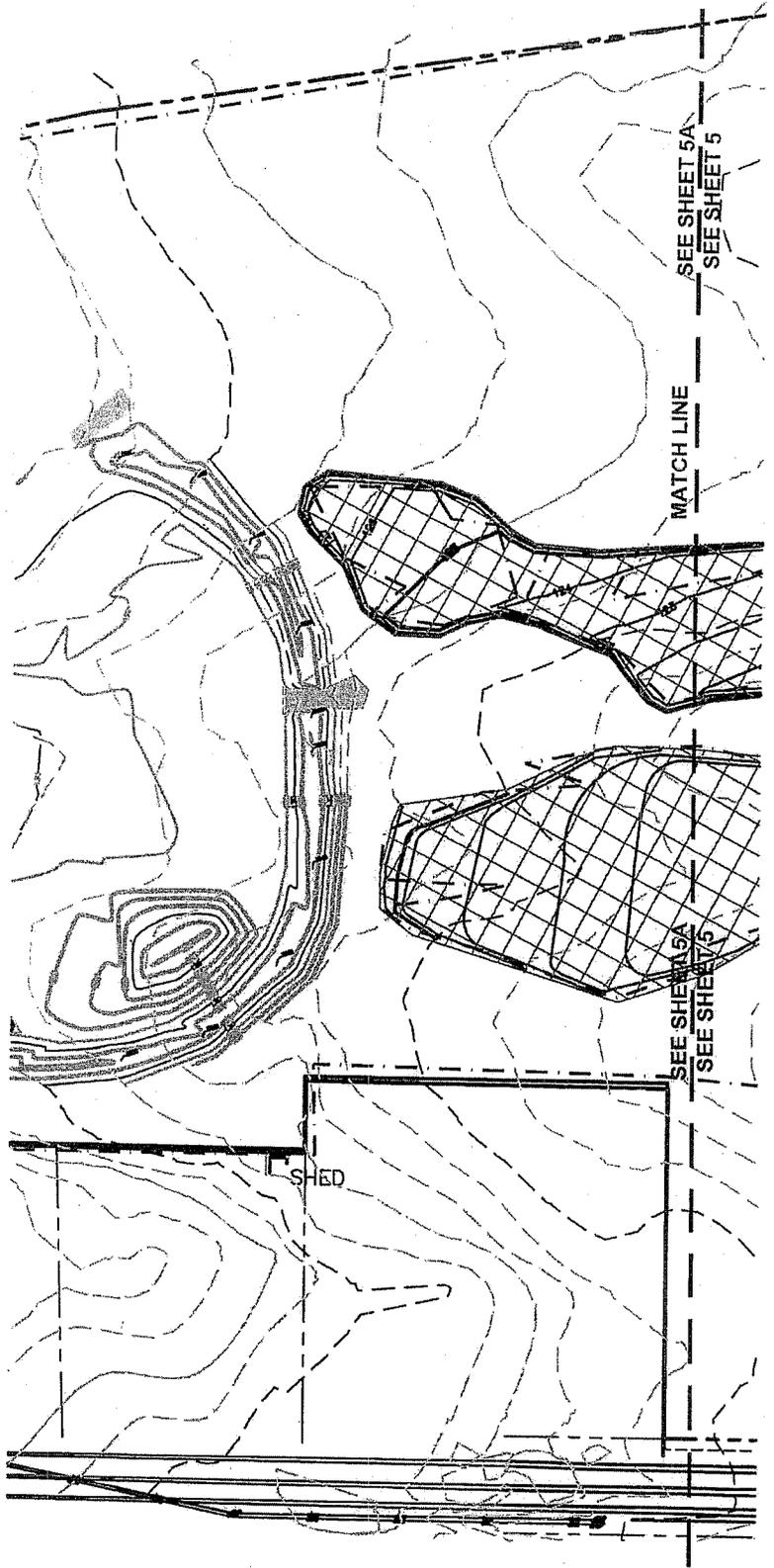
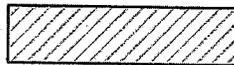
(1) Percentage is based on number of seeds, not proportion by weight

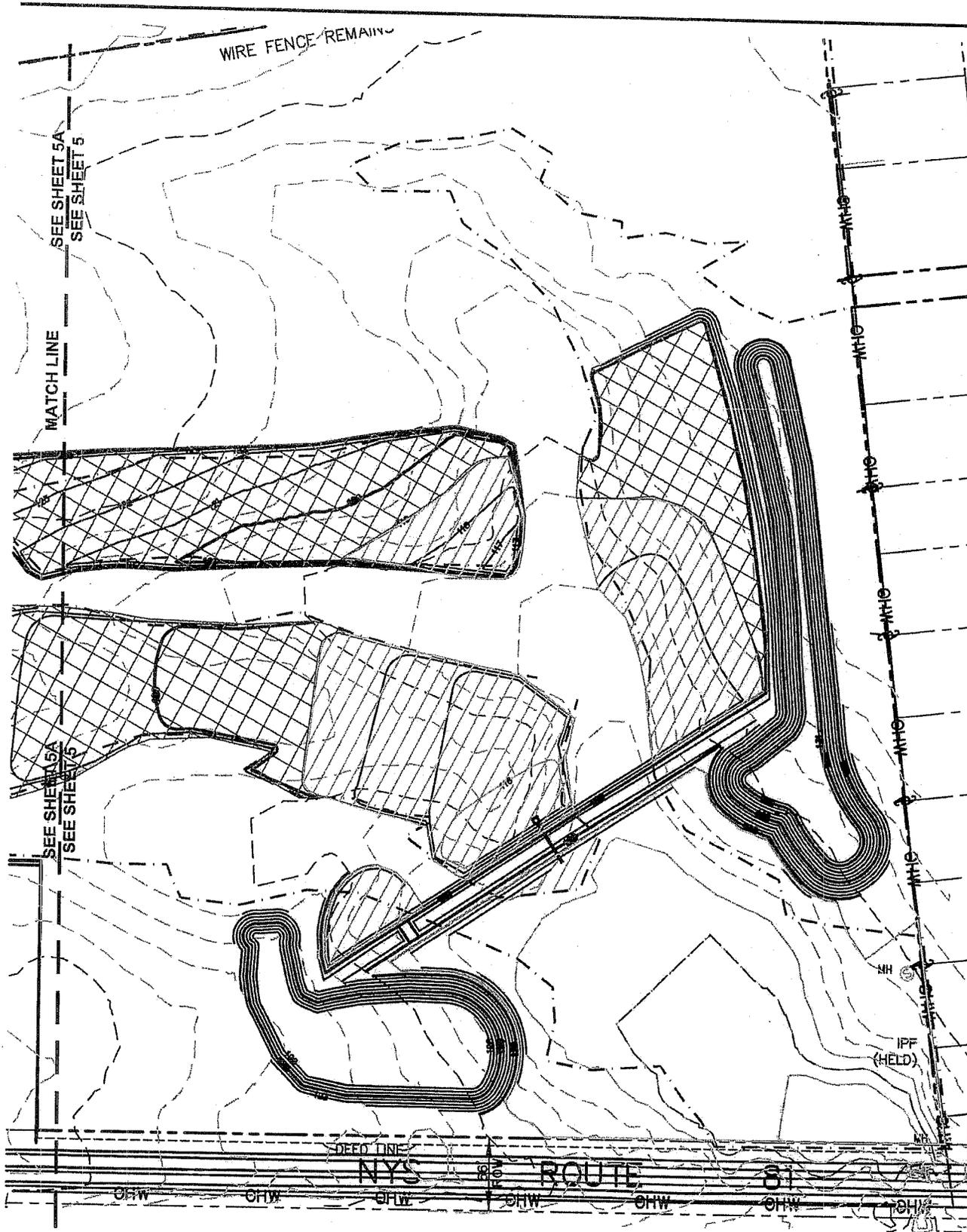
LEGEND:

NEWLY CREATED WETLANDS AND/OR EXISTING WETLANDS ABOVE 119'



NEWLY CREATED WETLANDS AND/OR EXISTING WETLANDS BELOW 119'





DATE: 12-19-13  
 DRAWN BY: KJ  
 SCALE: AS SHOWN  
 REVIEWED BY: EF  
 PROJECT NO.:  
 FILE:

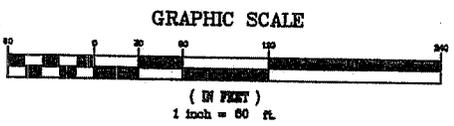
**DELAWARE ENGINEERING, P.C.**  
 CIVIL AND ENVIRONMENTAL ENGINEERING  
 28 MADISON AVENUE EXTENSION ALBANY, NY 12203 - 518.452.1280  
 8-12 DIETZ STREET, SUITE 303, ONEONTA, NY 13820 - 807.432.8075

REVISIONS	
NL	DESCRIPTION

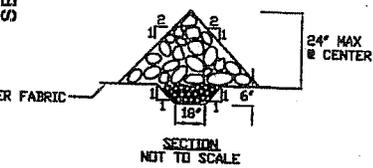
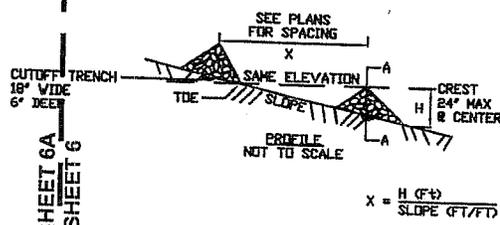
PRESCOTT WETLAND MITIGATION PLAN  
 FOR:  
 GREENE COUNTY IDA  
 NYS ROUTE 81, TOWN OF COXSACKIE,  
 GREENE COUNTY, NY

**PLANTING PLAN**

SHEET:  
**5 of 6**



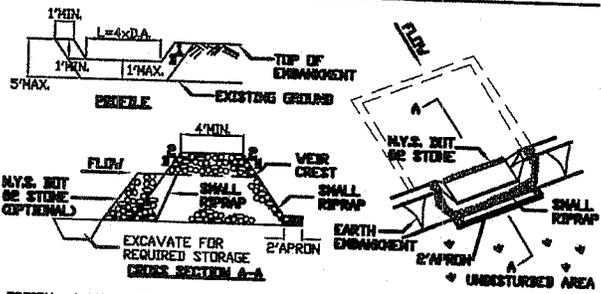
### TYPICAL CHECK DAM DETAIL



### CONSTRUCTION SPECIFICATIONS

- STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES, AND LOCATIONS SHOWN IN THE PLAN.
- SET SPACING OF CHECK DAMS TO ASSUME THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
- EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
- PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
- ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE.

### TYPICAL STONE OUTLET SEDIMENT TRAP



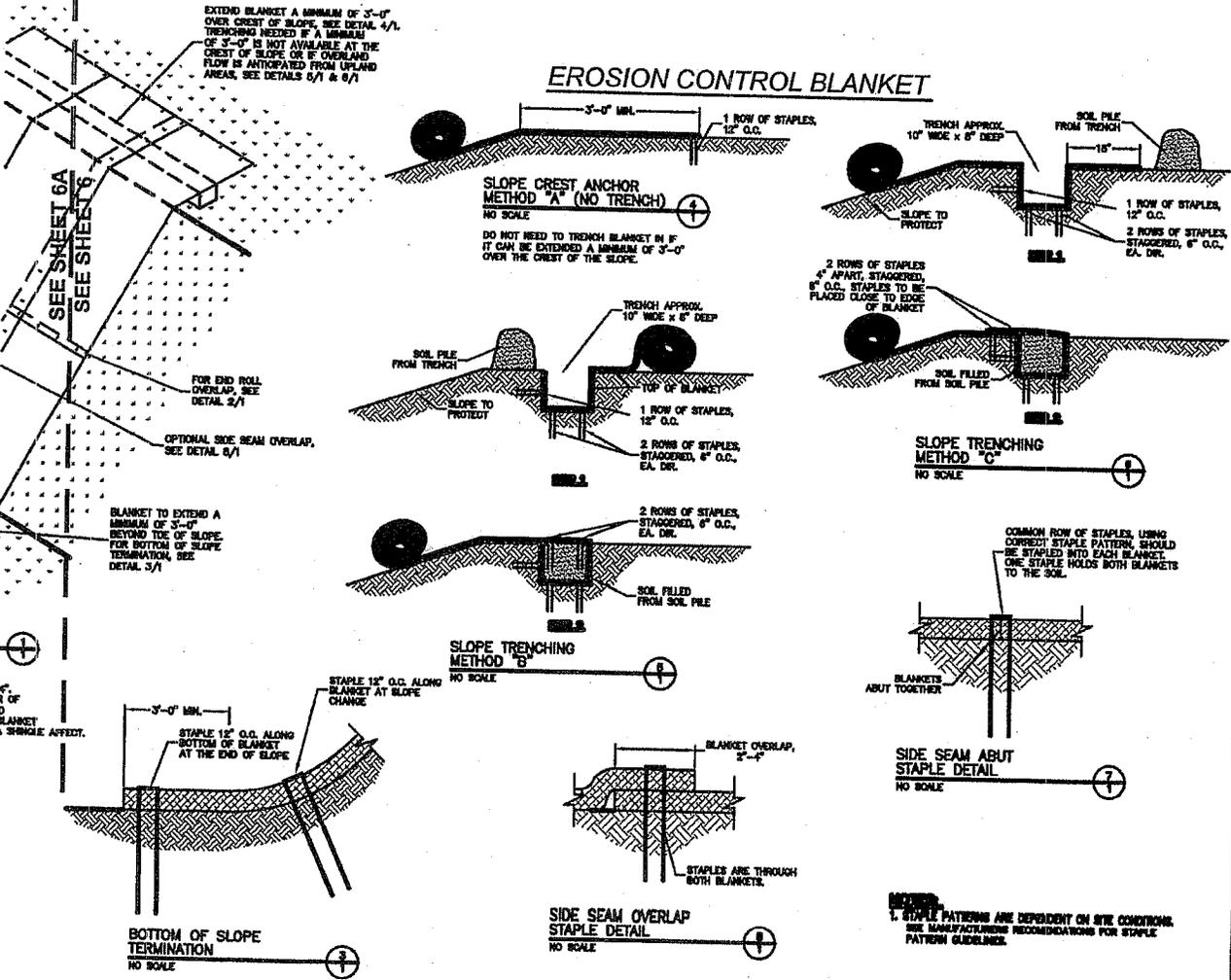
OPTION: A ONE FOOT LAYER OF N.Y.S. DOT #2 STONE MAY BE PLACED ON THE UPSTREAM SIDE OF THE RIPRAP IN PLACE OF THE EMBEDDED FILTER CLOTH.

### CONSTRUCTION SPECIFICATIONS

- AREA UNDER EMBANKMENT SHALL BE CLEARED, GRUBBED AND STRIPPED OF ANY VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE CLEARED.
- THE FILL MATERIAL FOR THE EMBANKMENT SHALL BE FREE OF ROOTS AND OTHER WOODY VEGETATION AS WELL AS OVER-SIZED STONES, ROCKS, ORGANIC MATERIAL OR OTHER OBJECTIONABLE MATERIAL. THE EMBANKMENT SHALL BE COMPACTED BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED.
- ALL CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER.
- THE STONE USED IN THE OUTLET SHALL BE SMALL RIPRAP 4"-6" ALONG WITH A 1" THICKNESS OF 2" AGGREGATE PLACED ON THE UP-GRADE SIDE ON THE SMALL RIPRAP OR EMBEDDED FILTER CLOTH IN THE RIPRAP.
- SEDIMENT SHALL BE REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP.
- THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
- CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION IS MINIMIZED.

MAXIMUM DRAINAGE AREA 5 ACRES

### EROSION CONTROL BLANKET



DATE:	12-19-13
DRAWN BY:	KJ
SCALE:	AS SHOWN
REVIEWED BY:	EF
PROJECT NO.:	
FILE:	

**DELAWARE ENGINEERING, P.C.**  
 CIVIL AND ENVIRONMENTAL ENGINEERING

38 MADISON AVENUE EXTENSION, ALBANY, NY 12208 - 518-452-1290  
 6-1/2 DIETZ STREET, SUITE 302, ONEONTA, NY 13820 - 607-432-8073

REV.	DATE	DESCRIPTION

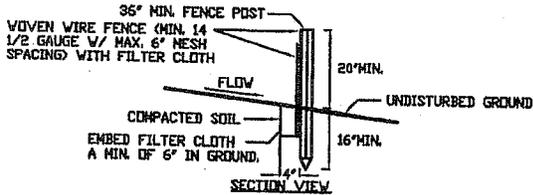
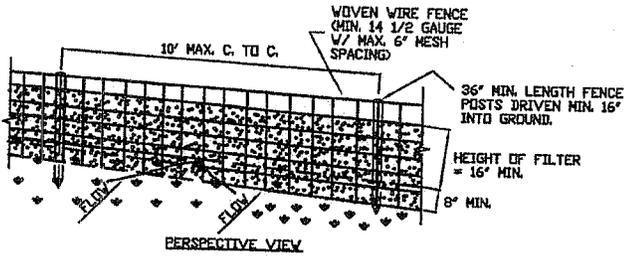
PRESCOTT WETLAND MITIGATION PLAN

FOR:  
 GREENE COUNTY IDA  
 NYS ROUTE 81, TOWN OF COXSACKIE,  
 GREENE COUNTY, NY

### OUTLET DETAIL, EROSION & CONTROL DETAILS

SHEET: 6 of 6

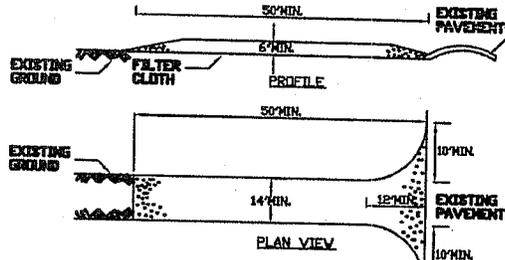
**TYPICAL SILT FENCE DETAIL**



**CONSTRUCTION SPECIFICATIONS**

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES, POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFT 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

**STABILIZED CONSTRUCTION ENTRANCE DETAIL**

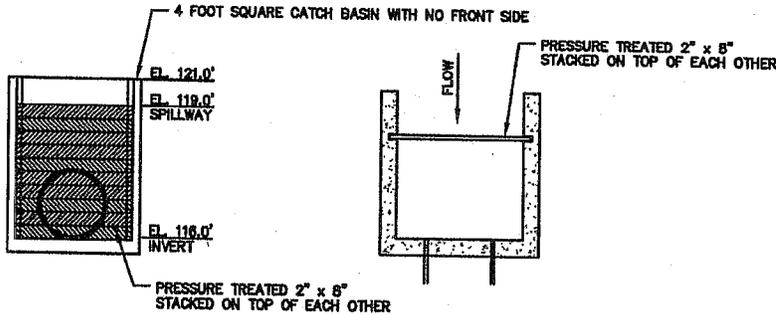


**TEMPORARY CONSTRUCTION ENTRANCE**

1. STONE SIZE - USE MIX OF 2" - 4" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. THICKNESS - NOT LESS THAN SIX (6) INCHES.
3. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS; TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
4. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
5. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
6. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
7. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
8. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN EVENT.

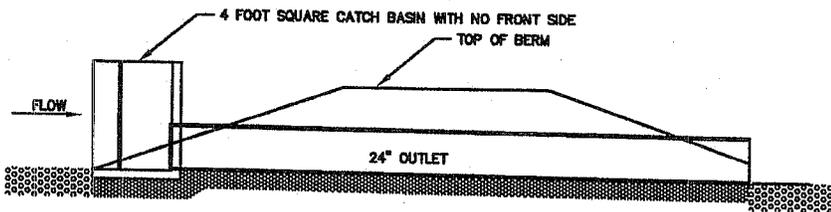
CUTOFF TRENCH  
16" WIDE  
6" DEEP  
SEE SHEET 6A  
SEE SHEET 6

MATCH LINE  
CON  
1. STONE WILL BE GRADES AND LOC  
2. SET SPACING OF THE DOWNST  
UPSTREAM DAM.  
3. EXTEND THE STC  
PREVENT CUTTING  
4. PROTECT THE CH  
AND EROSION WI  
5. ENSURE THAT CH  
CHECK DAMS ARE



FRONT ELEVATION

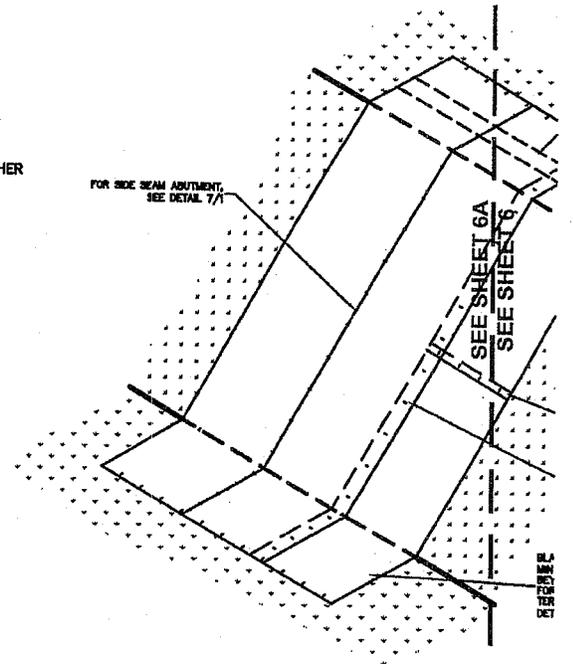
TOP ELEVATION



SIDE ELEVATION

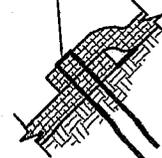
**TYPICAL OUTLET DETAIL**

NOT TO SCALE



SLOPE DETAIL  
NO SCALE

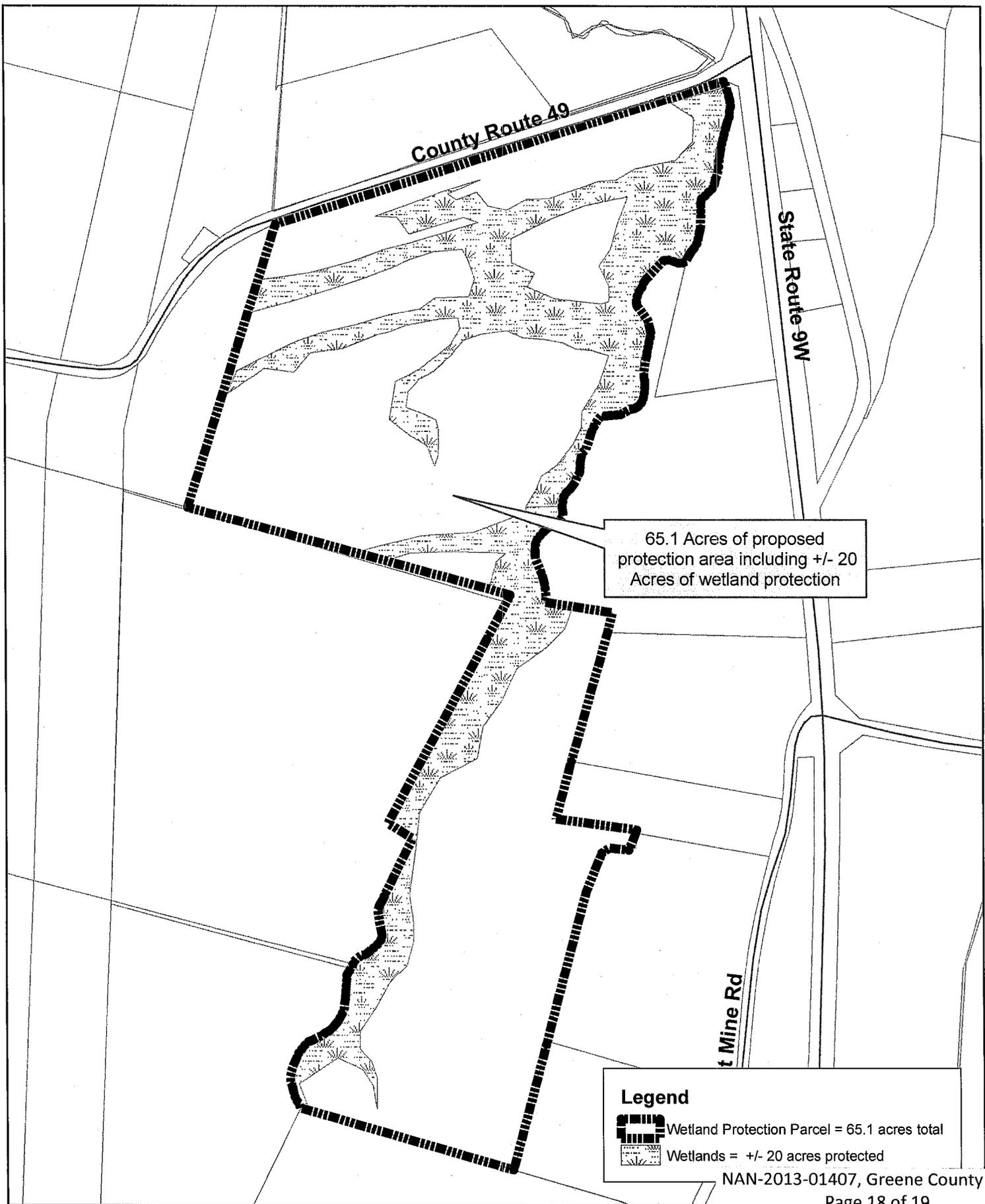
END SEAM OF BLANKETS OVERLAP 2'-4\"/>



SHEET

6A of 6

END ROLL OVERLAP  
NO SCALE



65.1 Acres of proposed protection area including +/- 20 Acres of wetland protection

**Legend**

-  Wetland Protection Parcel = 65.1 acres total
-  Wetlands = +/- 20 acres protected

**Figure 10.2 Maronne Property Wetland Protection**



