



PUBLIC NOTICE

US Army Corps
of Engineers
New York District
Jacob K. Javits Federal Building
New York, N.Y. 10278-0090
ATTN: Regulatory Branch

In replying refer to:

Public Notice Number: NAN-2023-00798-WOR

Issue Date: **November 26, 2024**

Expiration Date: **December 27, 2024**

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: New York Division of Military and Naval Affairs
330 Old Niskayuna Road
Latham, New York 12110

ACTIVITY: The discharge of fill material into approximately 2.030 acres of waters of the United States, including wetlands, for the reconstruction of a firing range.

WATERWAY: Unnamed Tributary to Annsville Creek (Hudson River Watershed)

LOCATION: Town of Cortlandt, Westchester 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 REACH THIS OFFICE BEFORE THE EXPIRATION DATE OF THIS NOTICE,
otherwise, it will be presumed that there are no objections to the activity.

CENAN-OP-R
PUBLIC NOTICE NO. NAN-2023-00798-WOR

Comments submitted in response to this notice will be fully considered during the public interest review for this permit application. Comments provided will become part of the public record for this permit application. All written comments, including contact information, will be made a part of the administrative record, available to the public under the Freedom of Information Act. The Administrative Record, or portions thereof, may also be posted on a Corps of Engineers internet web site. Due to resource limitations, this office will normally not acknowledge the receipt of comments or respond to individual letters of comment.

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 is not likely to 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 latest published version of the National Register of Historic Places, there are no known sites eligible for, or included in, the Register within the permit area. Presently unknown archeological, scientific, prehistorical, or historical data may be lost by work accomplished under the required permit.

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. This public notice serves as notification to the Administrator of the Environmental Protection Agency (EPA) pursuant to section 401(a)(2) of the Clean Water Act. If EPA determines that the proposed discharge may affect the quality of the waters of any state other than New York, it will so notify such other state, the district engineer, and the applicant. If such notice or a request for supplemental information is not received within 30 days of issuance of this public notice, the district engineer will assume EPA has made a negative determination with respect to section 401(a)(2).

Pursuant to Section 307 (c) of the Coastal Zone Management Act of 1972 as amended [16 U.S.C. 1456 (c)], for activities under consideration that are located within the coastal zone of a state which has a federally approved coastal zone management program, the applicant has certified in the permit application that the activity complies with, and will be conducted in a manner that is consistent with, the approved state coastal zone management program. By this public notice, we are requesting the state's concurrence with, objection to, or waiver of the applicant's certification. No permit decision will be made until one of these actions occur. For activities within the coastal zone of New York State, the applicant's certification and accompanying information is available from the Consistency Coordinator, New York State Department of State, Division of Coastal Resources and Waterfront Revitalization, Coastal Zone Management Program, One Commerce Plaza, 99 Washington Avenue, Albany, New York 12231, Telephone (518) 474-6000. Comments regarding the applicant's certification, and copies of any letters to this office commenting upon this proposal, should be so addressed.

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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 this office at Brian.A.Orzel@usace.army.mil.

In order for us to better serve you, please complete our Customer Service Survey located at <https://www.nan.usace.army.mil/Missions/Regulatory/Customer-Survey/>.

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

 Digitally signed by
Rosita Miranda

FOR AND IN BEHALF OF
Stephan A. Ryba
Chief, Regulatory Branch

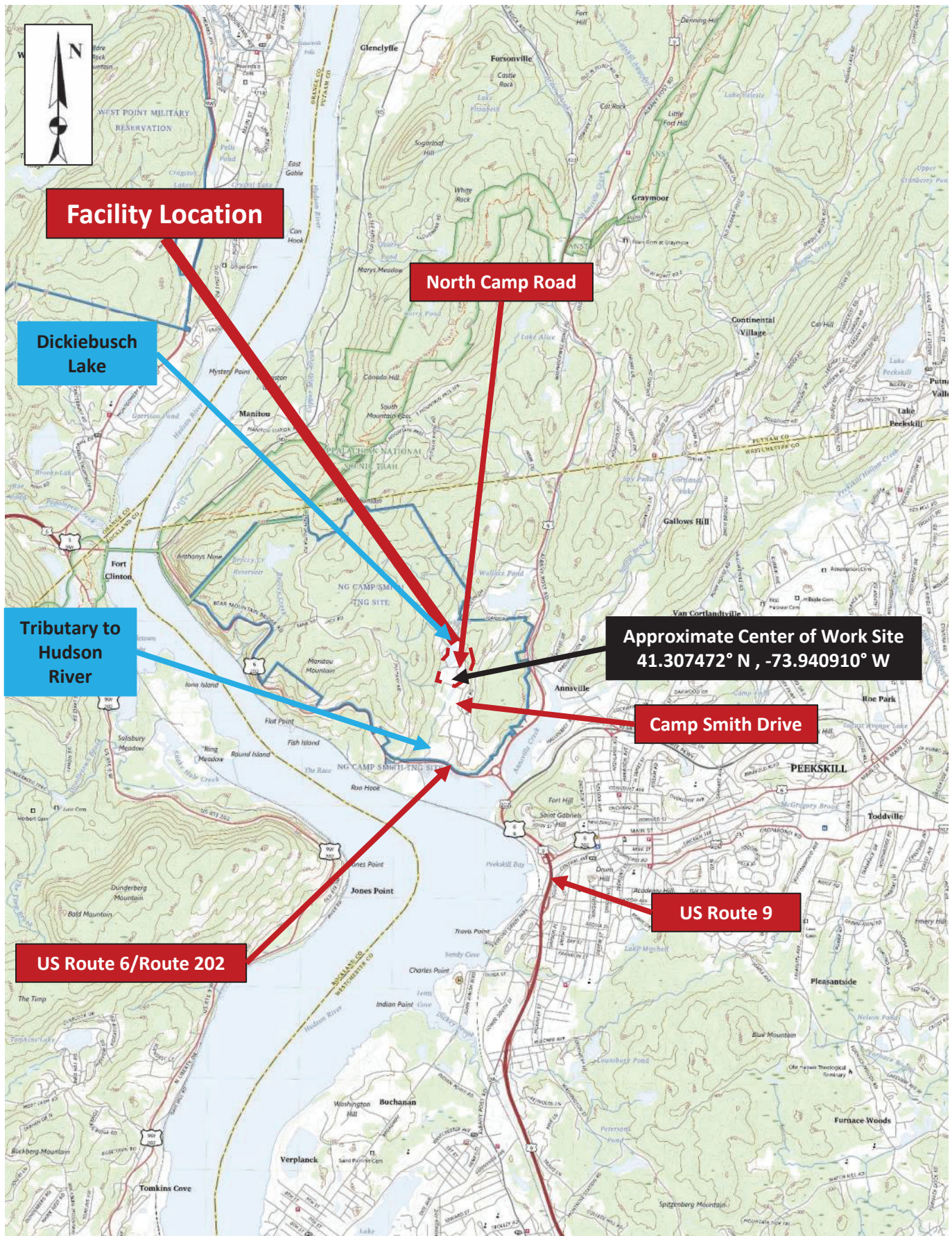
Enclosures

WORK DESCRIPTION

The applicant, New York Division of Military and Naval Affairs, has requested Department of the Army authorization for the discharge of fill material into approximately 2.030 acres of waters of the United States, including wetlands, in association with the reconstruction of a firing range. The project area is located mostly within the footprint of the existing firing range in the Town of Cortlandt, Westchester County, New York.





The applicant proposes mitigation in the form of approximately 2.033 acres of wetland establishment.

The stated purpose of this project is to maintain and expand military readiness.



Site Location Map
SHEET 1 OF 18

Camp Smith Firing Range
Peekskill Quadrangle
Westchester County, NY
NOT TO SCALE

LEGEND:
 FORESTED ESTABLISHMENT AREA
 EMERGENT ESTABLISHMENT AREA
 UNIMPACTED WETLANDS
 WETLAND IMPACT AREAS
 SEE DRAWING C-101 FOR WETLANDS IMPACT TABLE.

60' 30' 0' 60' 120'



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 ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT
 FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE
 NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS
 AND IS A CLASS 'A' MISDEMEANOR.

CONTRACT:
CONSTRUCTION
 TITLE: CAMP SMITH AUTOMATED
 RECORD FIRE FIRING RANGE

LOCATION: CAMP SMITH TRAINING SITE
 11 BEAR MOUNTAIN BRIDGE RD
 CORTLANDT MANOR, NY 10567
 WESTCHESTER COUNTY

CLIENT: NEW YORK STATE DIVISION OF
 MILITARY AND NAVAL AFFAIRS

WATERBODIES:
 DICKIEBUSH LAKE AND TRIBS TO HUDSON RIVER

MCO	11/19/2024	USACE SUBMISSION
MARK	DATE	DESCRIPTION

PROJECT NUMBER: 47574 - C

DESIGNED BY:	MCO
DRAWN BY:	JKS
FIELD CHECK:	MCO
APPROVED:	MCO

SHEET TITLE:

WETLAND IMPACTS AND
 MITIGATION PLAN

DRAWING NUMBER:
 C-100

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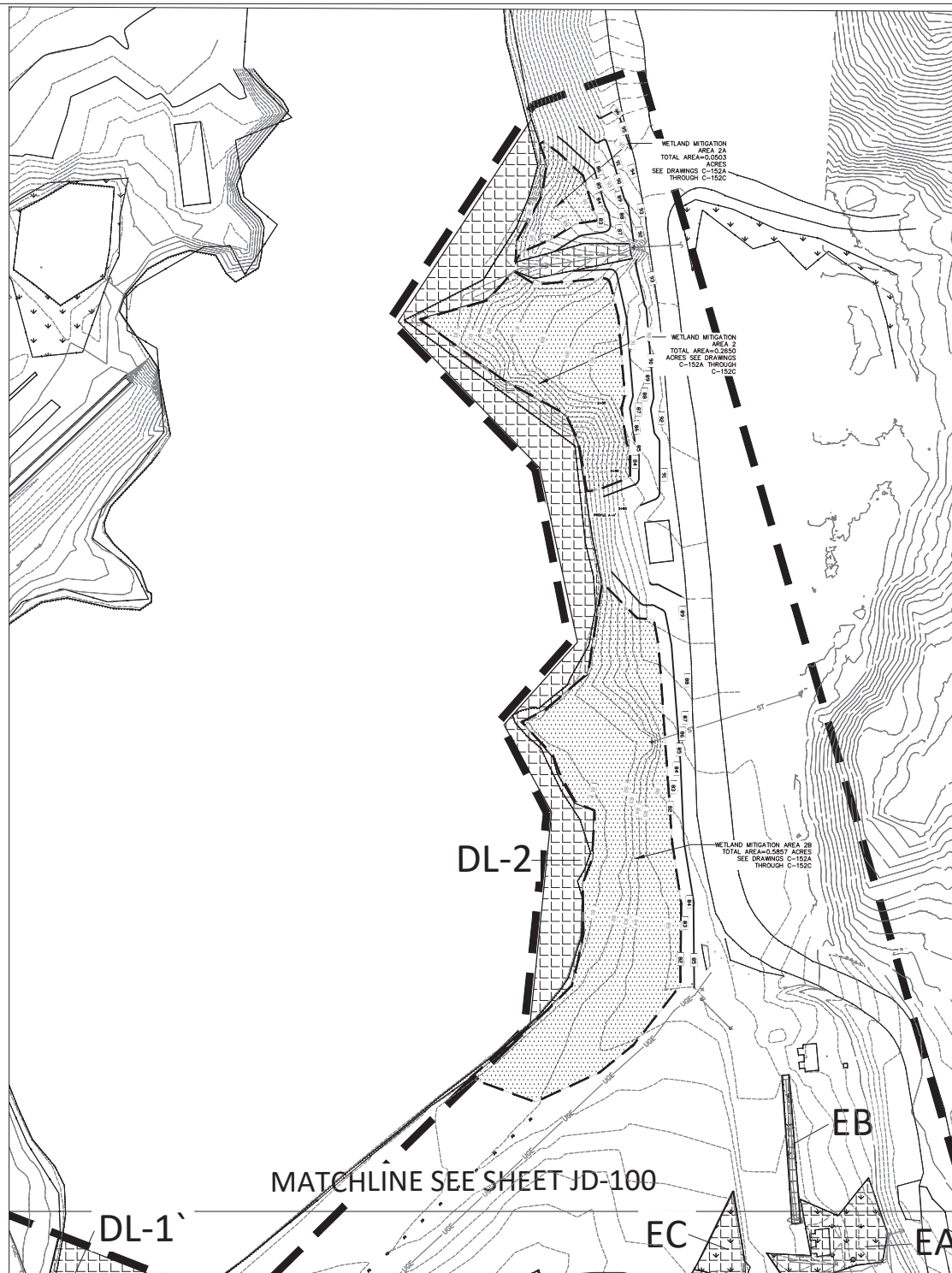
SHEET TITLE:

WETLAND IMPACTS AND
MITIGATION PLAN

DRAWING NUMBER:

C-101

SHEET 3 OF 18



SITE WETLANDS DISTURBANCE

WETLAND ID	TOTAL ACREAGE	COVER TYPE	PERMANENT DISTURBANCE	JURISDICTION	JURISDICTIONAL DISTURBANCE
E2	0.058	EMERGENT	0.058	NON-JURISDICTIONAL	0.0
E3	0.034	EMERGENT	0.034	NON-JURISDICTIONAL	0.0
EA	0.077	EMERGENT	0.0	NON-JURISDICTIONAL	0.0
EB	0.014	EMERGENT	0.0	NON-JURISDICTIONAL	0.0
EC	0.048	EMERGENT	0.019	NON-JURISDICTIONAL	0.0
ED	0.110	EMERGENT	0.110	NON-JURISDICTIONAL	0.0
EE	0.548	EMERGENT	0.548	NON-JURISDICTIONAL	0.0
EF	0.026	EMERGENT	0.026	NON-JURISDICTIONAL	0.0
EG	0.053	EMERGENT	0.053	NON-JURISDICTIONAL	0.0
EH	0.046	EMERGENT	0.046	NON-JURISDICTIONAL	0.0
EI	0.075	EMERGENT	0.007	NON-JURISDICTIONAL	0.0
EJ	0.005	EMERGENT	0.005	NON-JURISDICTIONAL	0.0
EK	0.158	EMERGENT	0.158	NON-JURISDICTIONAL	0.0
EL	0.654	EMERGENT	0.654	JURISDICTIONAL	0.654
EM	0.249	EMERGENT	0.0	JURISDICTIONAL	0.0
CT	0.374	FORESTED	0.374	JURISDICTIONAL	0.374
CT	1.002	EMERGENT	1.002	JURISDICTIONAL	1.002
R2	0.234	EMERGENT	0.0	JURISDICTIONAL	0.0
DL-1	0.007	EMERGENT	0.0	JURISDICTIONAL	0.0
DL-2	0.489	EMERGENT	0.0	JURISDICTIONAL	0.0
TOTAL	4.261		3.092		2.030



FORESTED ESTABLISHMENT AREA
EMERGENT ESTABLISHMENT AREA
UNIMPACTED WETLANDS
WETLAND IMPACT AREAS



COMPENSATORY WETLAND ESTABLISHMENT
NOTES:

A. QUALITY ASSURANCE

1.THE FRESHWATER WETLAND BOUNDARIES AS REPRESENTED ON THE COMPENSATORY WETLAND ESTABLISHMENT AREA LANDSCAPE AND GRADING PLANS DEPICT FEDERAL JURISDICTIONAL WETLANDS. NO ADDITIONAL CONSTRUCTION, GRADING, FILLING, STRIPPING, STAGING, STORING, STOCKPILING OR OTHER RELATED ACTIVITY SHALL BE ALLOWED WITHIN THE DESIGNATED BOUNDARIES, UNLESS STATED OTHERWISE IN THE CONTRACT DOCUMENTS.

B. EROSION AND SEDIMENT CONTROL

1. CONTRACTOR SHALL INSTALL THE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL", NOVEMBER 2016.

2. THE CONTRACTOR IS PERMITTED ONE ACCESS DRIVE INTO THE SITE. THE ACCESS SHALL BE NO MORE THAN 20' WIDE AND SHALL BE RE-GRADED AND SEEDED UPON COMPLETION OF CONSTRUCTION. THE ACCESS DRIVE SHOULD BE LOCATED TO AVOID THE REMOVAL OF LARGE LIVE OR DEAD TREES.

3. PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES IN THE COMPENSATORY WETLAND ESTABLISHMENT SITE, THE CONTRACTOR SHALL LAYOUT AND INSTALL THE TREE/VEGETATION PROTECTION BARRIER ALONG THE EXISTING WETLANDS BOUNDARY. NO CONSTRUCTION EQUIPMENT, OPERATIONS OR PLANT REMOVAL SHALL BE ALLOWED WITHIN THE BOUNDARIES OF THE EXISTING WETLANDS AND AS DELINEATED WITH THE TREE/VEGETATION PROTECTION BARRIER.

4. THE CONTRACTOR SHALL INSTALL SILT FENCE AT ALL DOWNGRADE LOCATIONS AT THE PERIMETER OF THE COMPENSATORY WETLAND ESTABLISHMENT AREA, PRIOR TO THE START OF ANY

CONSTRUCTION.

5. AFTER THE PLANTING OPERATIONS HAVE BEEN COMPLETED, THE CONTRACTOR SHALL REMOVE ALL TREE/VEGETATION PROTECTIVE FENCING. NOT UNTIL THE COMPENSATORY WETLAND ESTABLISHMENT AREA HAS ESTABLISHED A VEGETATIVE COVER, SHALL THE CONTRACTOR REMOVER THE SILT FENCE.

C. EXCAVATION

1.THE CONTRACTOR SHALL PLACE 2 HARDWOOD TREE STUMPS (MAPLES AND/OR OAKS) IN THE WETLAND ESTABLISHMENT AREA IN RANDOM LOCATIONS. THE GRUBBED STUMPS SHALL COME FROM THE ESTABLISHMENT AREA DURING CLEARING AND GRUBBING

2. THE BASE OR FLOOR ELEVATIONS OF THE COMPENSATORY WETLAND ESTABLISHMENT AREA GRADING PLAN ARE SHOWN AS FINISHED GRADES. THE CONTRACTOR SHALL EXCAVATE THE WETLAND ESTABLISHMENT AREA DOWN TO A MINIMUM DEPTH OF 12 INCHES BELOW THE FINISHED GRADE ELEVATIONS AS SHOWN ON THE PLANS. FINISHED GRADE ELEVATIONS WILL BE ACCOMPLISHED BY PLACING TOPSOIL FROM AN APPROVED SOURCE TO A MINIMUM DEPTH OF 12 INCHES. THE CONTRACTOR SHALL CONSTRUCT MOUNDS OF SOIL (HUMMOCKS) AND SHALLOW DEPRESSIONS TO A HEIGHT OR DEPTH OF 1.5 FEET OR LESS, ON/IN THE FLOOR ELEVATION OF THE WETLAND ESTABLISHMENT AREA.




3. THE CONTRACTOR SHALL VERIFY IF THE SEASONAL HIGH GROUNDWATER ELEVATION IS AT SUFFICIENT DEPTH TO SUPPORT WETLAND VEGETATION WITHIN THE COMPENSATORY WETLAND ESTABLISHMENT AREA. IF THE SEASONAL HIGH GROUNDWATER ELEVATION IS NOT SUFFICIENT, THE CONTRACTOR SHALL NOTIFY THE DIRECTOR'S REPRESENTATIVE OF THE CONDITIONS.

4. PRIOR TO THE FINAL GRADING OF THE COMPENSATORY WETLAND ESTABLISHMENT AREA, THE CONTRACTOR SHALL NOTIFY THE DIRECTOR'S REPRESENTATIVE TO VERIFY THAT SUFFICIENT WATER DEPTH WILL BE

OBTAINED FOR THE FINAL GRADE ELEVATIONS SPECIFIED. FURTHER EXCAVATION AND/OR FILLING MAY BE NECESSARY. THE CONTRACTOR SHALL INSTALL TWO MONITORING WELLS WITHIN THE MITIGATION AREA.

5. IN ORDER TO PROMOTE THE EARLY DEVELOPMENT OF THE NEW WETLAND PLANTINGS WITHIN THE WETLAND ESTABLISHMENT AREA, THE CONTRACTOR SHALL EXCAVATE AND CONSTRUCT THE WETLAND ESTABLISHMENT AREA DURING THE SPRING/SUMMER. ONCE STARTED, WETLAND GRADING SHALL BE PROGRESSED TO COMPLETION WITHOUT DELAY. THE DIRECTOR'S REPRESENTATIVE WILL MONITOR THE WETLANDS WATER LEVELS AND WELLS DURING EXCAVATION. IF GRADING CHANGES ARE NEEDED THEY WILL BE CONDUCTED DURING THE EXCAVATION ACTIVITIES. FINAL GRADING WILL COMMENCE WITHIN TWO WEEKS OF THE START OF EXCAVATION. ALL GRADING, PLANTING AND SEEDING MUST BE COMPLETED BY OCTOBER. PROVIDE AS BUILT PLAN WITHIN 30 DAYS OF GRADING, PRIOR TO PLANTING. PLANTING AND SEEDING OF THE AREA WILL IMMEDIATELY FOLLOW APPROVAL OF THE AS BUILT. FINAL AS BUILTS OF THE ESTABLISHMENT AREA SHOULD BE COMPLETED IN THE FALL.

6. WETLAND AREA SHOULD BE CONSTRUCTED AT ELEVATIONS PER THE PLANS. HUMMOCKS (MOUNDS) 2'-6' IN DIAMETER AND 1'-1.5' IN HEIGHT SHALL BE PLACED RANDOMLY THROUGHOUT THE WETLANDS. ALL PLANTINGS IN THE FORESTED WETLAND SHALL BE PLACED ON THE HUMMOCKS.

 DESIGN & CONSTRUCTION																																
CONSULTANT: ENVIRONMENTAL DESIGN PARTNERSHIP, LLP																																
CERTIFICATE OF AUTHORIZATION #: 037711																																
 CERTIFICATE OF AUTHORIZATION #: 0018010																																
 ENGINEERING SERVICES, PC																																
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DRAWN BY:	JHS																															
FIELD CHECK:	MCO																															
APPROVED:	MCO																															
SHEET TITLE: WETLAND MITIGATION PLAN NOTES																																
DRAWING NUMBER: C-150																																
SHEET 4 OF 18																																

COMPENSATORY WETLAND ESTABLISHMENT

NOTES: (CONTINUED)

D. WETLAND TOPSOIL

1. THE CONTRACTOR SHALL STRIP, STOCKPILE AND PLACE A UNIFORM LAYER OF TOPSOIL (12 INCHES MINIMUM DEPTH) OVER THE PROPOSED COMPENSATORY WETLAND ESTABLISHMENT AREA. THE TOPSOIL SHALL BE FERTILE, FRIABLE AND FREE OF SUBSOIL, BRUSH, STONES, INVASIVE PLANTS OR OTHER DELETERIOUS MATERIALS LARGER THAN 2 INCHES. TOPSOIL SHALL BE FINE GRADED TO MAINTAIN A FINISH GRADE ELEVATION AS SHOWN ON THE WETLAND ESTABLISHMENT PLANS. ADDITIONAL WETLAND TOPSOIL IS ANTICIPATED TO BE REQUIRED AND SHOULD COME FROM A SOURCE APPROVED BY THE DIRECTOR'S REPRESENTATIVE.

2. TOPSOIL CONTAINING FOREIGN MATERIAL, SUCH AS INVASIVE PLANT ROOTS AND/OR SEEDS (SUCH AS COMMON REED OR PURPLE LOOSESTRIFE) SHALL BE REJECTED BY THE DIRECTOR'S REPRESENTATIVE.

3. STRIPPED TOPSOIL SHALL BE STOCKPILED AND PROTECTED WITH WOOD FIBER MULCH, ONLY. ALL STOCKPILES SHALL HAVE AN APPROVED SILT BARRIER TOTALLY SURROUNDING THE PILE. THE PILE SHALL BE IN AN APPROVED UPLAND AREA A MINIMUM OF 25 FEET FROM ANY DESIGNATED WETLAND AREAS, STREAMS OR OTHER WATER BODIES.

E. COMPENSATORY WETLAND ESTABLISHMENT PLANTING

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CERTIFICATES OF INSPECTION FOR ALL COMPENSATORY WETLAND ESTABLISHMENT PLANTINGS AND WETLAND SEEDING.

2. THE APPLICATION OF TOPSOIL SHALL IMMEDIATELY FOLLOW FINAL GRADING. SEEDING AND LANDSCAPING SHALL BE DONE DURING THE FALL PLANTING SEASON, ONLY.

3. WITHIN THE BOUNDARY LIMITS OF THE WETLAND ESTABLISHMENT AREA, WETLAND SEED MIX C SHALL BE USED ON ALL DISTURBED AREAS AT A RATE OF 20 LBS PER ACRE.

4. THE CONTRACTOR SHALL LAY OUT ALL FORESTED WETLAND PLANTINGS. THE GROUPING OF PLANTS SHALL BE PLANTED IN A RANDOM MANNER AS WOULD OCCUR IN THE NATURAL ENVIRONMENT AT A RATE OF 180 TREES/SHRUBS PER ACRE—SEE DETAIL ON SHEET C-153D.

F. COMPLETION

1. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL REMOVE ALL ACCUMULATED SILT FROM BEHIND THE SILT BARRIERS. THE SILT SHALL BE DISPOSED OF IN AN APPROVED AREA.

G. MONITORING

1. THE CONTRACTOR SHALL ENSURE THAT ALL PLANTINGS IN CONJUNCTION WITH THE WETLAND ESTABLISHMENT EFFORT SHALL HAVE AN EIGHTY-FIVE (85) PERCENT SURVIVAL AND/OR COVERAGE RATE THAT MUST BE MET OR EXCEEDED AT THE END OF THE SECOND GROWING SEASON FOLLOWING THE INITIAL PLANTING. IF THE EIGHTY-FIVE PERCENT SURVIVAL RATE IS NOT MET AT THE END OF THE SECOND GROWING SEASON, THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO ENSURE THE LEVEL OF SURVIVAL BY THE END OF THE NEXT GROWING SEASON, INCLUDING RE-PLANTING AND RE-GRADING, AS NECESSARY.

COMMON NAME	SCIENTIFIC NAME	SIZE
*RED MAPLE (FAC) (RM)	ACER RUBRUM	8'
*GREEN ASH (FACW) (GA)	FRAXINUS PENNSYLVANICA	8'
SPECKLED ALDER (FACW) (SA)	ALNUS RUGOSA	2-3'
SILKY DOGWOOD (FACW) (SD)	CORNUS AMOMUM	2-3'
GRAY DOGWOOD (FAC) (GD)	CORNUS RACEMOSA	2-3'
BLACK WILLOW (FACW) (BW)	SALIX NIGRA	2-3'

* (ALL TREES MIN. 1" CALIPER)

WETLAND SEED MIX "C":

Common Name	Botanical Name	Indicator	%
Rattlesnake Grass	Glyceria canadensis	OBL	5
American Manna Grass	Glyceria grandis	OBL	5
Rice Cut Grass	Leersia oryzoides	OBL	6.25
Prairie Cordgrass	Spartina pectinata	OBL	6.25
Hop Sedge	Carex lupulina	OBL	10
Rufous Bulrush	Scirpus pendulus	OBL	3.75
Cosmos Sedge	Carex comosa	OBL	6.25
Green Bulrush	Scirpus atrovirens	OBL	1.25
Many Leaved Bulrush	Scirpus polyphyllus	OBL	3.75
Soft Rush	Juncus effusus	OBL	3.75
Creeping Spike Rush	Eleocharis palustris	OBL	5
Giant Bur Reed	Sparganium eurycarpum	OBL	12.5
Button Bush	Cephalanthus occidentalis	OBL	8.75
Maryland Meadow Beauty	Rhexia mariana	OBL	5
Rosemallow	Hibiscus moscheutos	OBL	8.75
Seed Box	Ludwigia alternifolia	OBL	3.75
Monkey Flower	Mimulus ringens	OBL	4.6875
Ditch Stonecrop	Penthorum sedoides	OBL	0.3125

UPLAND SEED MIX:

American Meadows Native Northeast Wildflower Seed Mix:			
* SEED AT 1 LB per 2,000 SF *			
<i>Aquilegia canadensis</i>	Eastern Red Columbine	Perennial	FACU
<i>Asclepias incarnata</i>	Swamp Milkweed	Perennial	OBL
<i>Asclepias tuberosa</i>	Butterfly Weed	Perennial	FACU
<i>Aster novae angliae</i>	New England Aster	Perennial	FACW
<i>Chamaecrista fasciculata</i>	Partridge Pea	Annual	FACU
<i>Coreopsis lanceolata</i>	Lance-Leaf Coreopsis	Perennial	FACU
<i>Eupatorium maculatum</i>	Spotted Joe Pye Weed	Perennial	FACW
<i>Gaillardia pulchella</i>	Indian Blanket	Annual	UPL
<i>Helianthus helianthoides</i>	Ox-Eye Sunflower	Perennial	FACU
<i>Liatris spicata</i>	Blazing Star or Gayfeather	Perennial	UPL
<i>Lupinus perennis</i>	Wild Lupine	Perennial	UPL
<i>Monarda fistulosa</i>	Wild Bergamot	Perennial	FACU
<i>Oenothera biennis</i>	Evening Primrose	Biennial	FACU
<i>Penstemon digitalis</i>	Beard Tongue	Perennial	FAC
<i>Rudbeckia hirta</i>	Black-eyed Susan	Perennial	FACU
<i>Rudbeckia submentosa</i>	Sweet Black Eyed Susan	Perennial	FACU
<i>Rudbeckia triloba</i>	Brown-eyed Susan	Annual	FACU
<i>Solidago rigida</i>	Rigid Goldenrod	Perennial	FACU



DESIGN & CONSTRUCTION

CONSULTANT: ENVIRONMENTAL DESIGN PARTNERSHIP, LLP

CERTIFICATE OF AUTHORIZATION #: 037111



CERTIFICATE OF AUTHORIZATION #: 0018610



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CONTRACT:

CONSTRUCTION

TITLE: CAMP SMITH AUTOMATED RECORD FIRE FIRING RANGE

LOCATION: CAMP SMITH TRAINING SITE
11 BEAR MOUNTAIN BRIDGE RD
CORTLANDT MANOR, NY 10567
WESTCHESTER COUNTY

CLIENT: NEW YORK STATE DIVISION OF
MILITARY AND NAVAL AFFAIRS

WATERBODIES:
DICKIEBUSH LAKE AND TRIBS TO HUDSON RIVER

MCO 11/05/2024 USACE SUBMISSION

MARK DATE DESCRIPTION

PROJECT NUMBER 47574 - C

DESIGNED BY MCO

DRAWN BY: JKS

FIELD CHECK: MCO

APPROVED: MCO

SHEET TITLE: WETLAND
MITIGATION
PLAN NOTES
(CONT.)

DRAWING NUMBER:

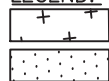
C-151

SHEET 5 OF 18

MATCH LINE, SEE C-152B

MATCH LINE, SEE C-152B

LEGEND:



FORESTED ESTABLISHMENT AREA

EMERGENT ESTABLISHMENT AREA

CONSERVATION EASEMENT AREA



SECTION D-D'

SECTION D-D'

SEED UNHATCHED UPLAND AREAS WITH
UPLAND SEED MIX. SEE C-151

WETLAND MITIGATION AREA 2B
TOTAL AREA=0.59 ACRES

PROFILE C-C'



DESIGN & CONSTRUCTION

CONSULTANT: ENVIRONMENTAL DESIGN PARTNERSHIP, LLP

CERTIFICATE OF AUTHORIZATION #: 037111



CERTIFICATE OF AUTHORIZATION #: 0018610



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FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE
NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS
AND IS A CLASS 'A' MISDEMEANOR.

CONTRACT:

CONSTRUCTION

TITLE: CAMP SMITH AUTOMATED
RECORD FIRE FIRING RANGE

LOCATION: CAMP SMITH TRAINING SITE
11 BEAR MOUNTAIN BRIDGE RD
CORTLANDT MANOR, NY 10567
WESTCHESTER COUNTY

CLIENT: NEW YORK STATE DIVISION OF
MILITARY AND NAVAL AFFAIRS

WATERBODIES:
DICKIEBUSH LAKE AND TRIBS TO HUDSON RIVER

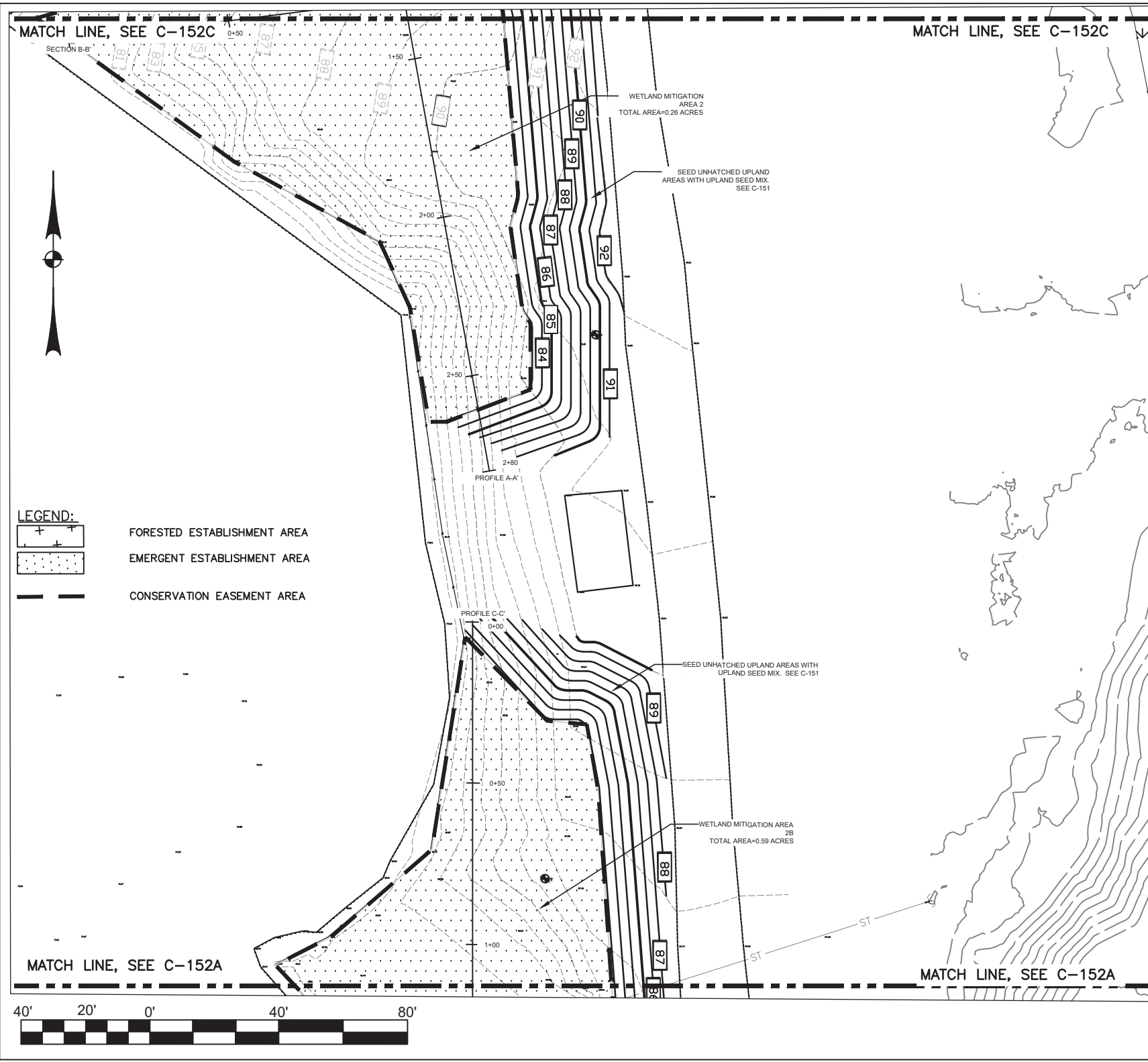
MCO	11/05/2024	USACE SUBMISSION
MARK	DATE	DESCRIPTION

PROJECT NUMBER:	47574 - C
DESIGNED BY:	MCO
DRAWN BY:	JKS
FIELD CHECK:	MCO
APPROVED:	MCO

SHEET TITLE:
WETLAND
MITIGATION
PLAN CSM-2

DRAWING NUMBER:
C-152A

SHEET 6 OF 18





DESIGN & CONSTRUCTION

CONSULTANT: ENVIRONMENTAL DESIGN PARTNERSHIP, LLP
CERTIFICATE OF AUTHORIZATION #: 037111



CERTIFICATE OF AUTHORIZATION #: 0018610



OSPA
ENGINEERING SERVICES, PC

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CONTRACT: **CONSTRUCTION**

TITLE: CAMP SMITH AUTOMATED RECORD FIRE FIRING RANGE

LOCATION: CAMP SMITH TRAINING SITE
11 BEAR MOUNTAIN BRIDGE RD
CORTLANDT MANOR, NY 10567
WESTCHESTER COUNTY

CLIENT: NEW YORK STATE DIVISION OF MILITARY AND NAVAL AFFAIRS

WATERBODIES: DICKIEBUSH LAKE AND TRIBS TO HUDSON RIVER

MOD	DATE	DESCRIPTION
MCO	11/05/2024	USACE SUBMISSION
MARK	DATE	DESCRIPTION

PROJECT NUMBER: 47574 - C

DESIGNED BY: MCO

DRAWN BY: JKS

FIELD CHECK: MCO

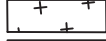
APPROVED: MCO

SHEET TITLE: WETLAND MITIGATION PLAN CSM-2 AND 2B

DRAWING NUMBER: C-152B

SHEET 7 OF 18

LEGEND:



FORESTED ESTABLISHMENT AREA



EMERGENT ESTABLISHMENT AREA



CONSERVATION EASEMENT AREA



DESIGN & CONSTRUCTION

CONSULTANT: ENVIRONMENTAL DESIGN PARTNERSHIP, LLP

CERTIFICATE OF AUTHORIZATION #: 037111



CERTIFICATE OF AUTHORIZATION #: 001810



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CONTRACT:

CONSTRUCTION

TITLE: CAMP SMITH AUTOMATED RECORD FIRE FIRING RANGE

LOCATION: CAMP SMITH TRAINING SITE
11 BEAR MOUNTAIN BRIDGE RD
CORTLANDT MANOR, NY 10567
WESTCHESTER COUNTY

CLIENT: NEW YORK STATE DIVISION OF MILITARY AND NAVAL AFFAIRS

WATERBODIES: DICKIEBUSH LAKE AND TRIBS TO HUDSON RIVER

MCO	11/05/2024	USACE SUBMISSION
MARK	DATE	DESCRIPTION

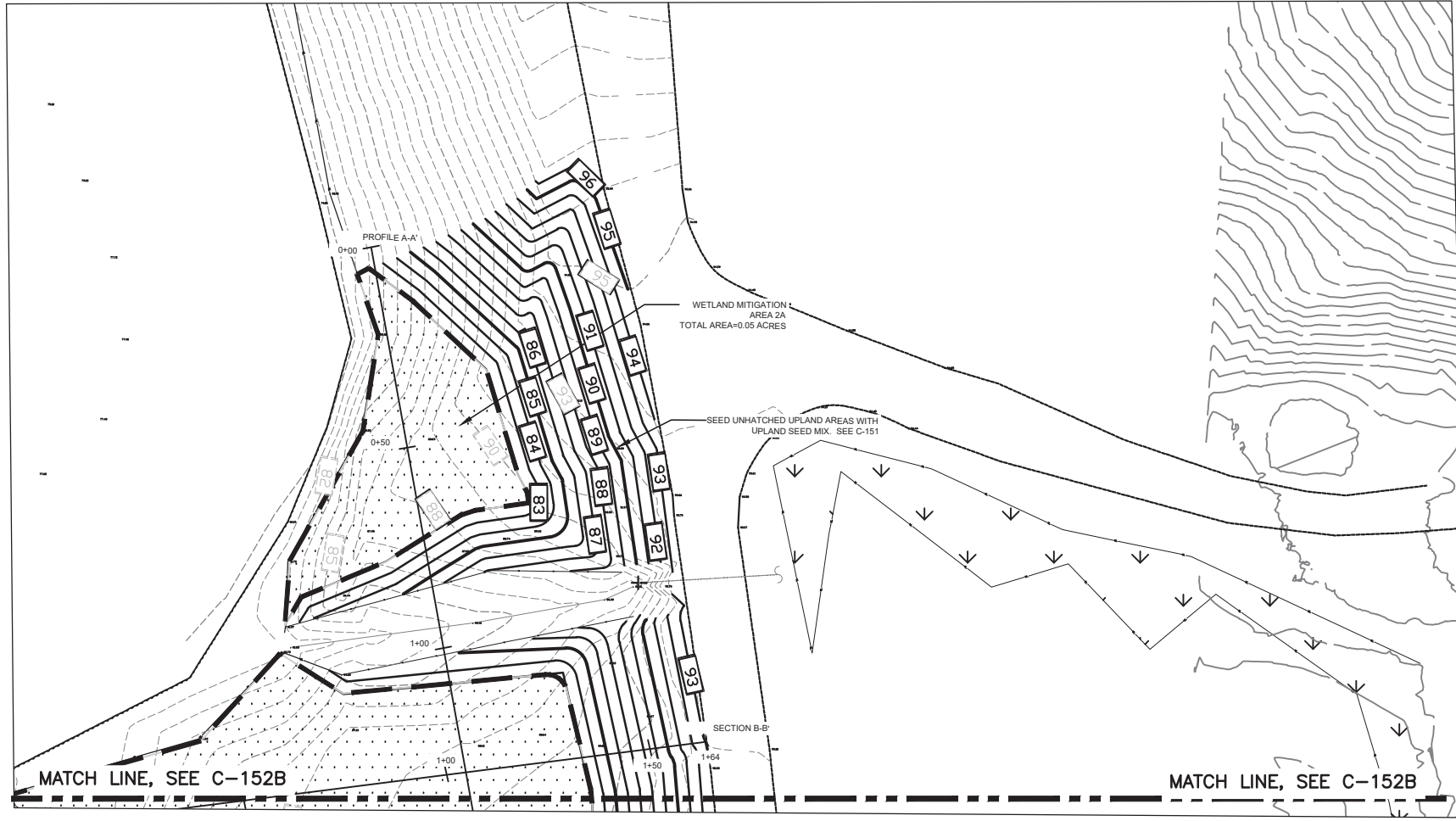
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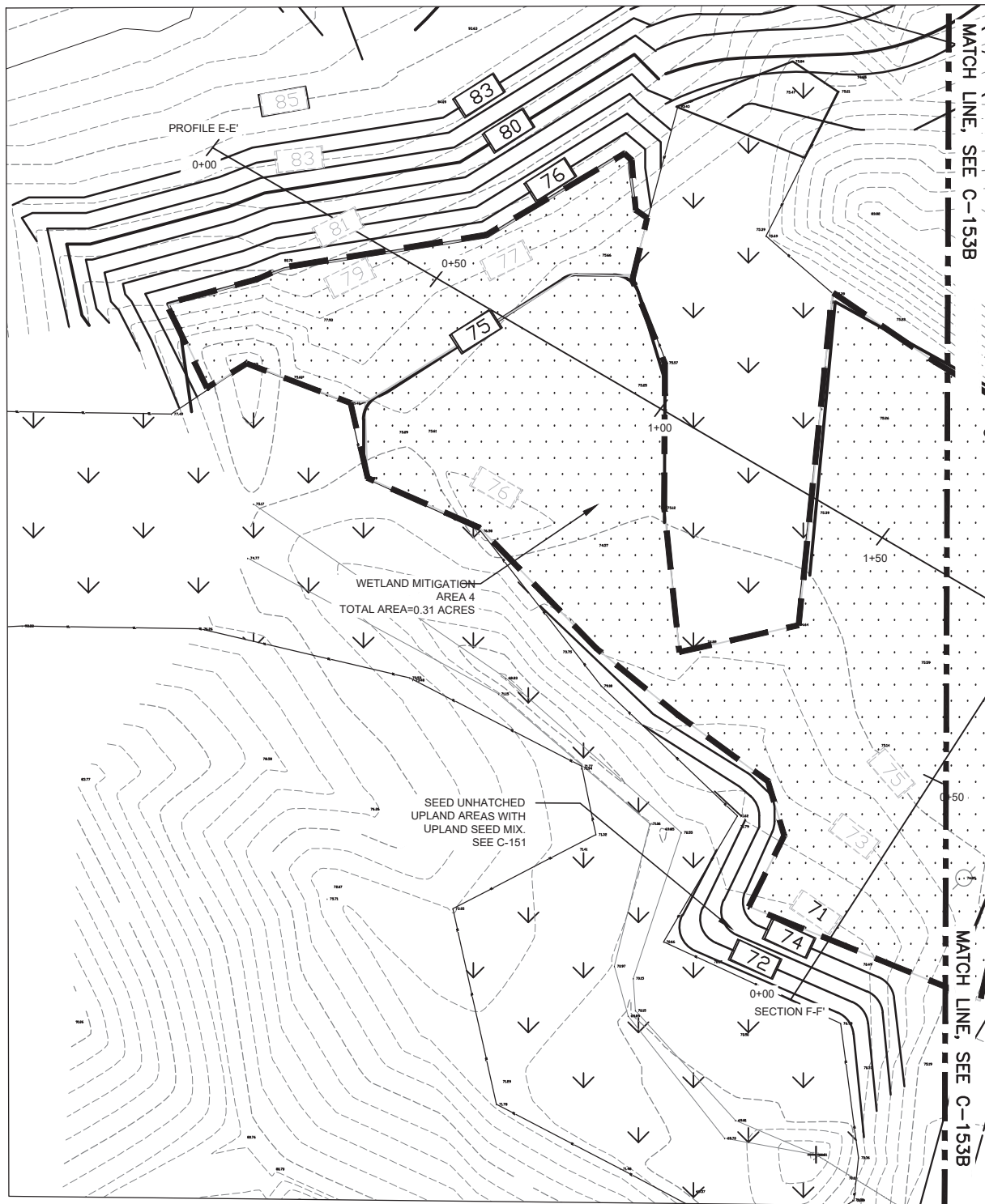
DESIGNED BY:	MCO
DRAWN BY:	JKS
FIELD CHECK:	MCO
APPROVED:	MCO

SHEET TITLE:
**WETLAND MITIGATION
PLAN CSM-1 AND 2**

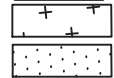
DRAWING NUMBER:
C-152C

SHEET 8 OF 18





LEGEND:



FORESTED ESTABLISHMENT AREA

EMERGENT ESTABLISHMENT AREA

CONSERVATION EASEMENT AREA



DESIGN & CONSTRUCTION

CONSULTANT: ENVIRONMENTAL DESIGN PARTNERSHIP, LLP

CERTIFICATE OF AUTHORIZATION #: 037111



CERTIFICATE OF AUTHORIZATION #: 0018610



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CONSTRUCTION

TITLE: CAMP SMITH AUTOMATED RECORD FIRE FIRING RANGE

LOCATION: CAMP SMITH TRAINING SITE
11 BEAR MOUNTAIN BRIDGE RD
CORTLANDT MANOR, NY 10567
WESTCHESTER COUNTY

CLIENT: NEW YORK STATE DIVISION OF MILITARY AND NAVAL AFFAIRS

WATERBODIES: DICKIEBUSH LAKE AND TRIBS TO HUDSON RIVER

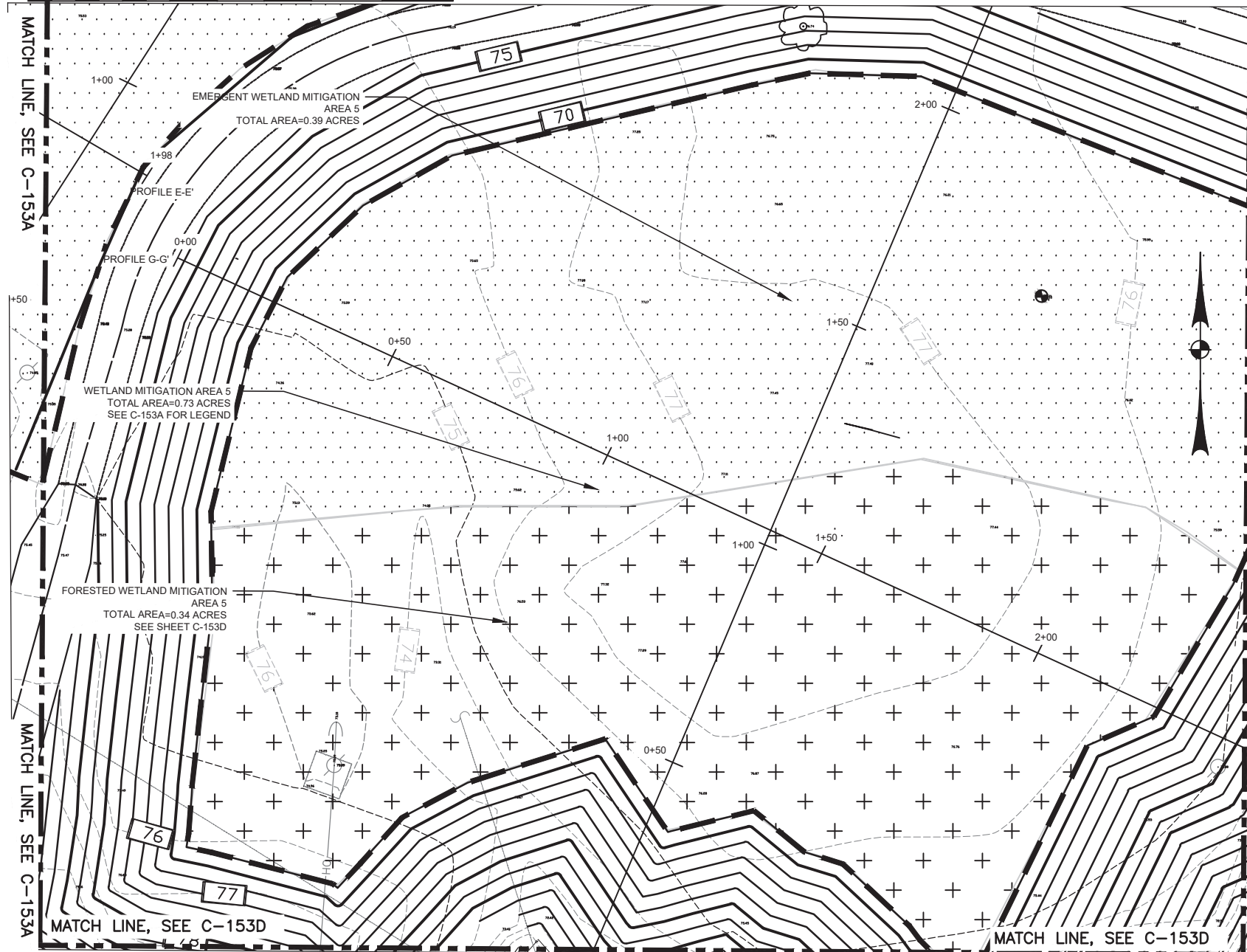
MCO	11/05/2024	USACE SUBMISSION
MARK	DATE	DESCRIPTION

PROJECT NUMBER	47574 - C
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DESIGNED BY:	MCO
DRAWN BY:	JKS
FIELD CHECK:	MCO
APPROVED:	MCO

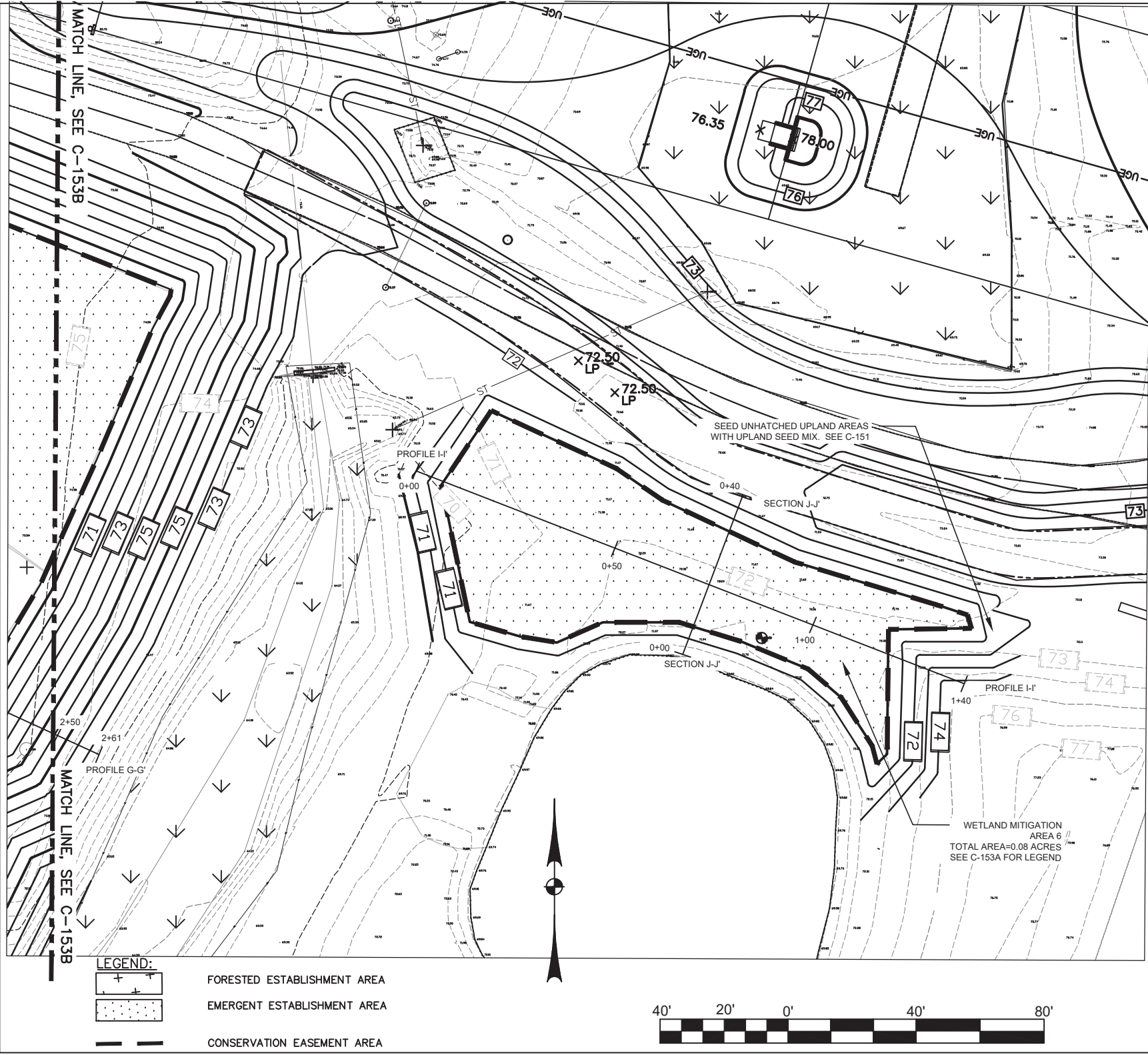
SHEET TITLE:	WETLAND MITIGATION PLAN CSM-4
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DRAWING NUMBER:	C-153A
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FORESTED ESTABLISHMENT AREA
EMERGENT ESTABLISHMENT AREA
CONSERVATION EASEMENT AREA

SHEET 10 OF 18





DESIGN & CONSTRUCTION

CONSULTANT: ENVIRONMENTAL DESIGN PARTNERSHIP, LLP
CERTIFICATE OF AUTHORIZATION #: 037111



CERTIFICATE OF AUTHORIZATION #: 001810



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CONTRACT: **CONSTRUCTION**

TITLE: CAMP SMITH AUTOMATED RECORD FIRE FIRING RANGE

LOCATION: CAMP SMITH TRAINING SITE
11 BEAR MOUNTAIN BRIDGE RD
CORTLANDT MANOR, NY 10567
WESTCHESTER COUNTY

CLIENT: NEW YORK STATE DIVISION OF MILITARY AND NAVAL AFFAIRS

WATERBODIES: DICKIEBUSH LAKE AND TRIBS TO HUDSON RIVER

MOD	DATE	DESCRIPTION
MCO	11/05/2024	USACE SUBMISSION
MARK		

PROJECT NUMBER: 47574 - C

DESIGNED BY: MCO

DRAWN BY: JKS

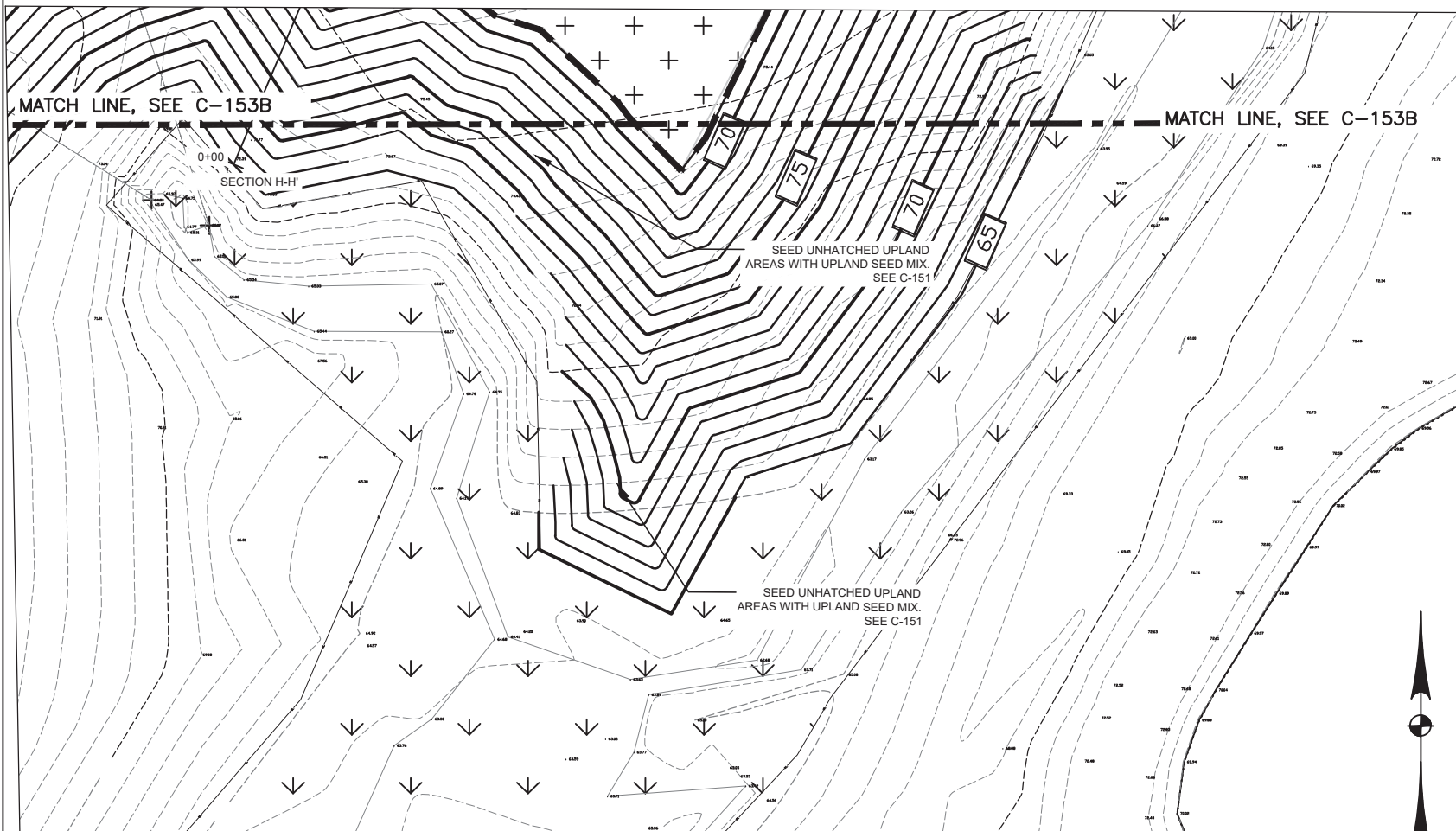
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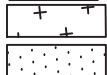
SHEET TITLE: WETLAND MITIGATION PLAN CSM-5 AND 6

DRAWING NUMBER: C-153C

SHEET 11 OF 18



LEGEND:

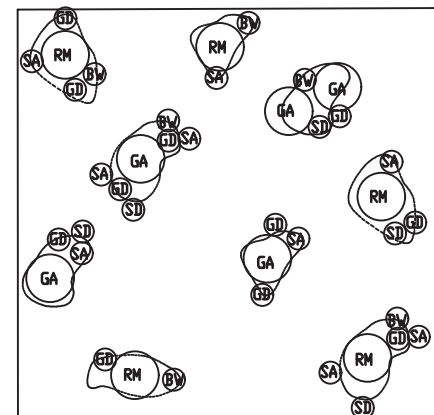


FORESTED ESTABLISHMENT AREA

EMERGENT ESTABLISHMENT AREA



CONSERVATION EASEMENT AREA



FORESTED ESTABLISHMENT AREA PLANTING DETAIL 100' X 100' AREA



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11 BEAR MOUNTAIN BRIDGE RD
CORTLANDT MANOR, NY 10567
WESTCHESTER COUNTY

CLIENT: NEW YORK STATE DIVISION OF
MILITARY AND NAVAL AFFAIRS

WATERBODIES:
DICKIEBUSH LAKE AND TRIBS TO HUDSON RIVER

MCO 11/05/2024 USACE SUBMISSION

MARK DATE DESCRIPTION

PROJECT NUMBER 47574 - C

DESIGNED BY MCO

DRAWN BY: JKS

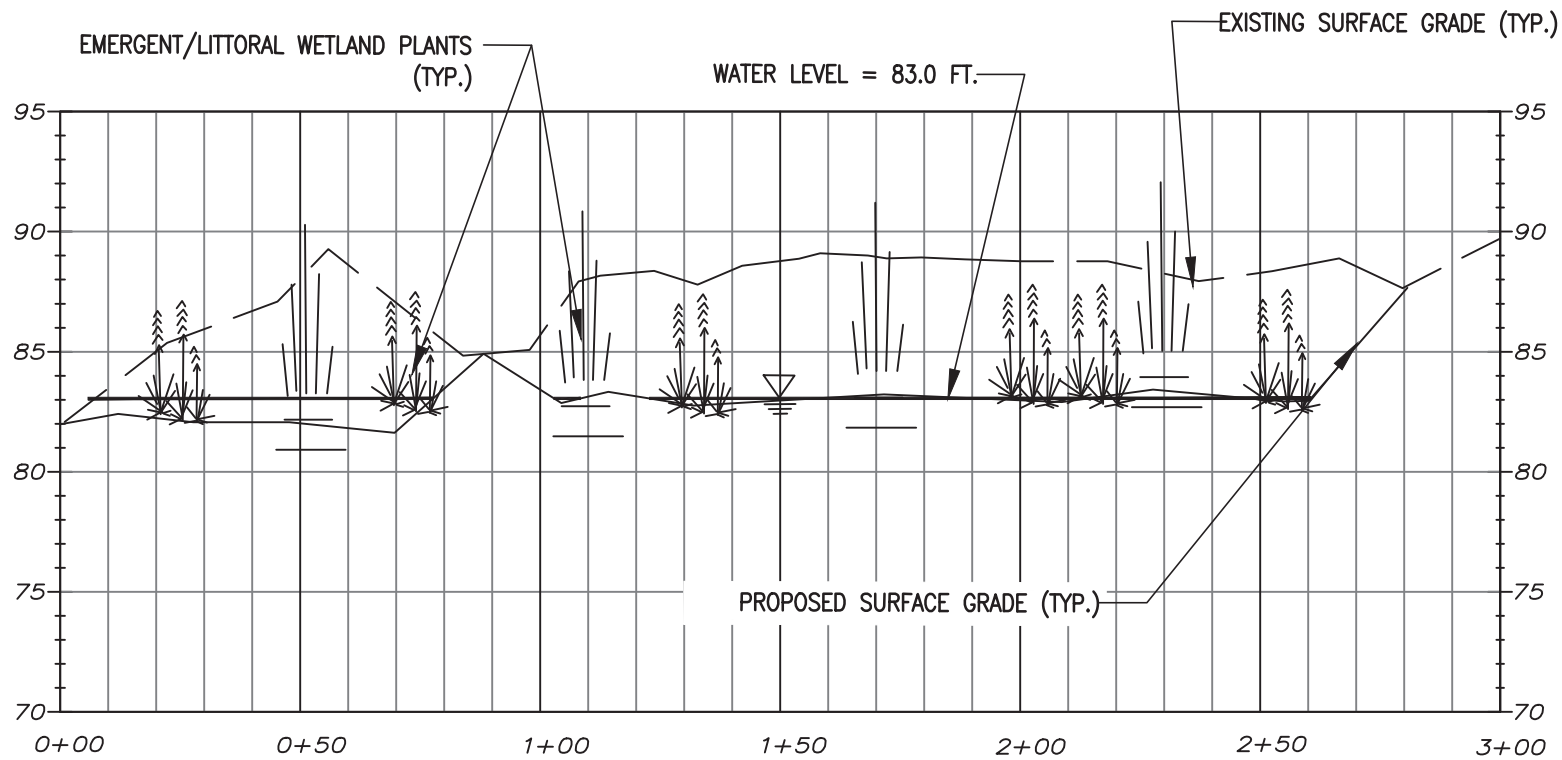
FIELD CHECK: MCO

APPROVED: MCO

SHEET TITLE:
WETLAND
MITIGATION
PLAN CSM-5

DRAWING NUMBER:
C-153D

SHEET 12 OF 18



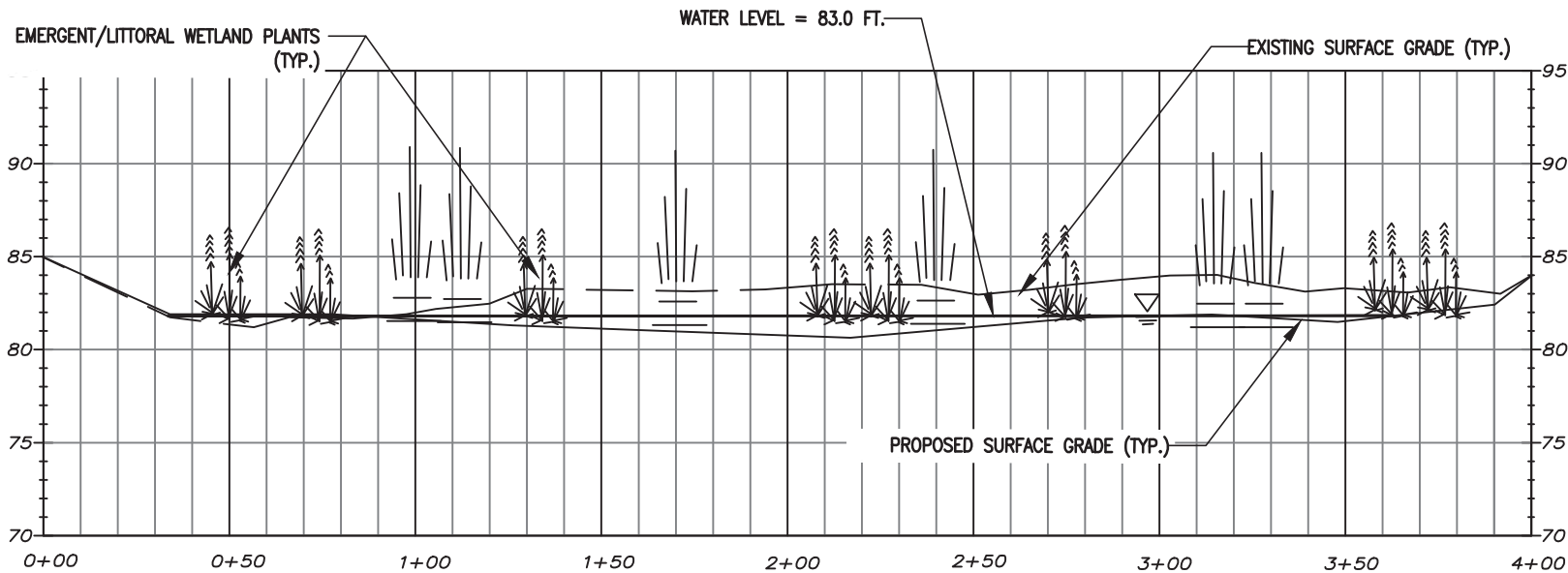
1 SITE CSM 2-2A ESTABLISHMENT AREA PLAN - PROFILE VIEW - SECTION A-A'

C-154A

SCALE: 1"=40'

HOR: VERT

1:5



2 SITE CSM 2B ESTABLISHMENT AREA PLAN - PROFILE VIEW - SECTION C-C'

C-154A

1"=50'

HOR: VERT

1:5

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CONTRACT:

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TITLE: CAMP SMITH AUTOMATED RECORD FIRE FIRING RANGE

LOCATION: CAMP SMITH TRAINING SITE
11 BEAR MOUNTAIN BRIDGE RD
CORTLANDT MANOR, NY 10567
WESTCHESTER COUNTY

CLIENT: NEW YORK STATE DIVISION OF MILITARY AND NAVAL AFFAIRS

WATERBODIES: DICKIEBUSH LAKE AND TRIBS TO HUDSON RIVER

MOD: 11/05/2024 USACE SUBMISSION

MARK: DATE: DESCRIPTION

PROJECT NUMBER: 47574 - C

DESIGNED BY: MCO

DRAWN BY: JKS

FIELD CHECK: MCO

APPROVED: MCO

SHEET TITLE:

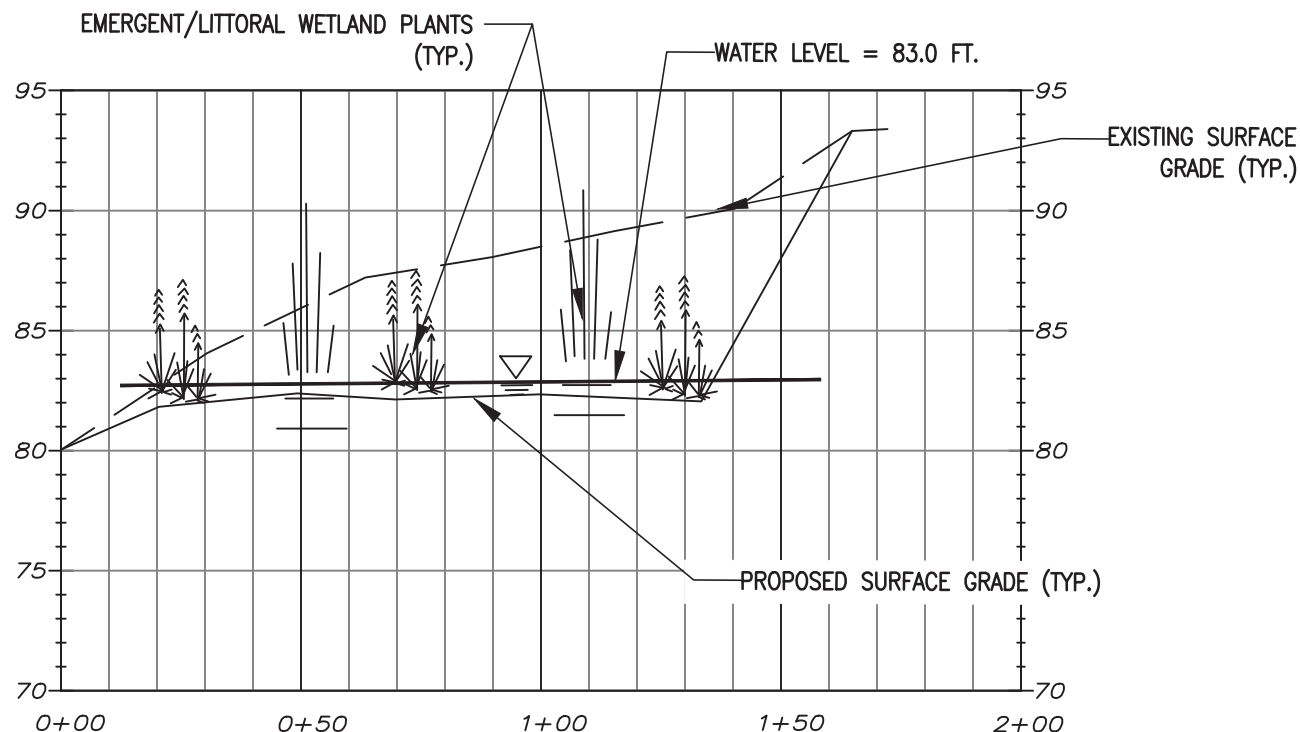
WETLAND MITIGATION
PROFILES CSM-2,
2A AND 2B

DRAWING NUMBER:

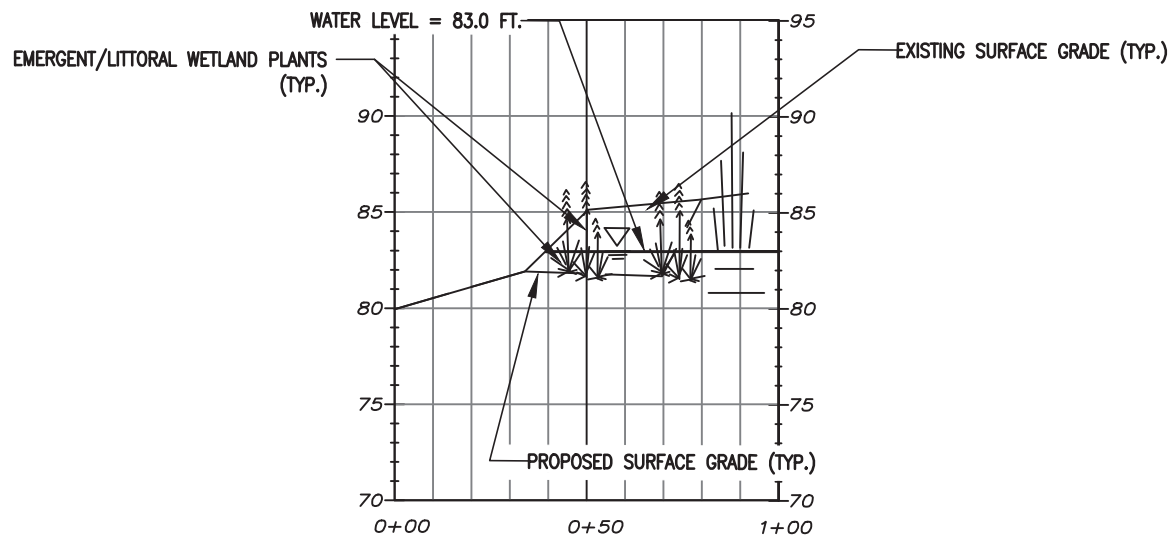
C-154A

SHEET 13 OF

18



1 SITE CSM 2-2A ESTABLISHMENT AREA PLAN - SECTION B-B'
C-155A SCALE: 1"=40' HOR: VERT 1:5



2 SITE CSM 2B ESTABLISHMENT AREA PLAN - SECTION D-D'
C-155A SCALE: 1"=50' HOR: VERT 1:5



CONSULTANT: ENVIRONMENTAL DESIGN PARTNERSHIP, LLP

CERTIFICATE OF AUTHORIZATION #: 037711



CERTIFICATE OF AUTHORIZATION #: 001861



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CONTRACT: CONSTRUCTION

TITLE: CAMP SMITH AUTOMATED
RECORD FIRE FIRING RANGE

LOCATION: CAMP SMITH TRAINING SITE
11 BEAR MOUNTAIN BRIDGE RD
CORTLANDT MANOR, NY 10567
WESTCHESTER COUNTY

CLIENT: NEW YORK STATE DIVISION OF
MILITARY AND NAVAL AFFAIRS

WATERBODIES:
DICKIEBUSH LAKE AND TRIBS TO HUDSON RIVER

MCO	11/05/2024	USACE SUBMISSION
MARK	DATE	DESCRIPTION

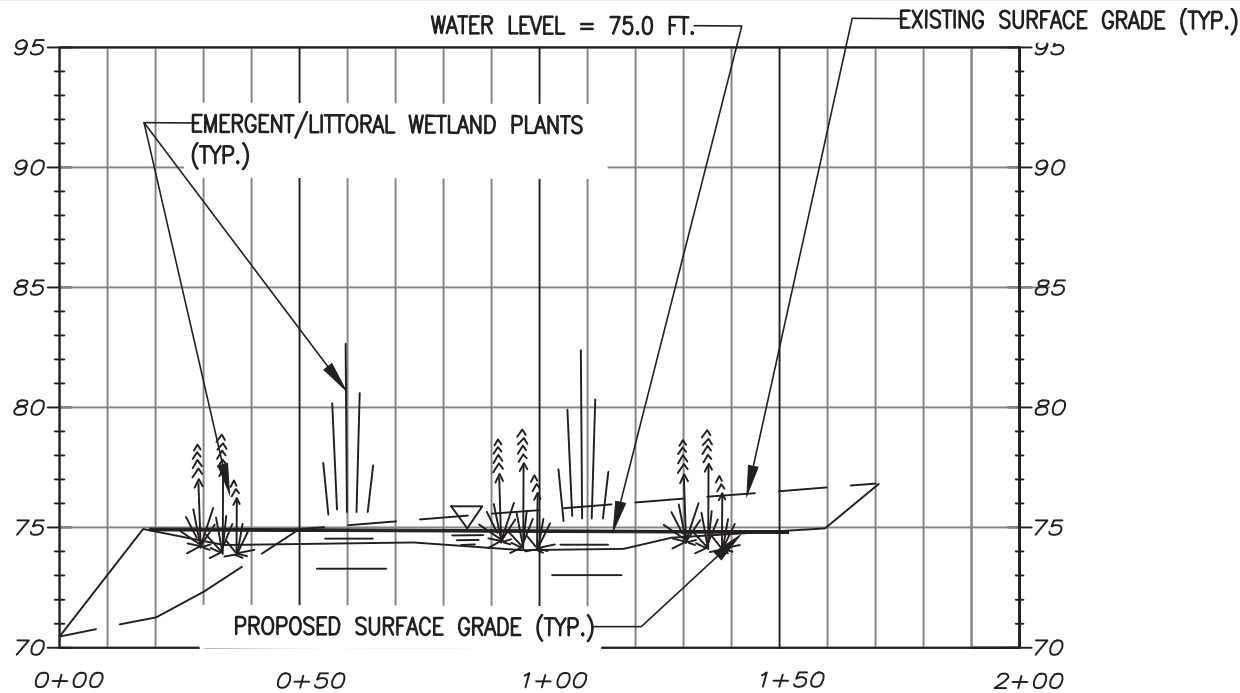
PROJECT NUMBER:	47574 - C
DESIGNED BY:	MCO
DRAWN BY:	JKS
FIELD CHECK:	MCO
APPROVED:	MCO

SHEET TITLE:

MITIGATION AREA
CROSS SECTIONS CSM
2. 2A AND 2B

DRAWING NUMBER:

C-155A



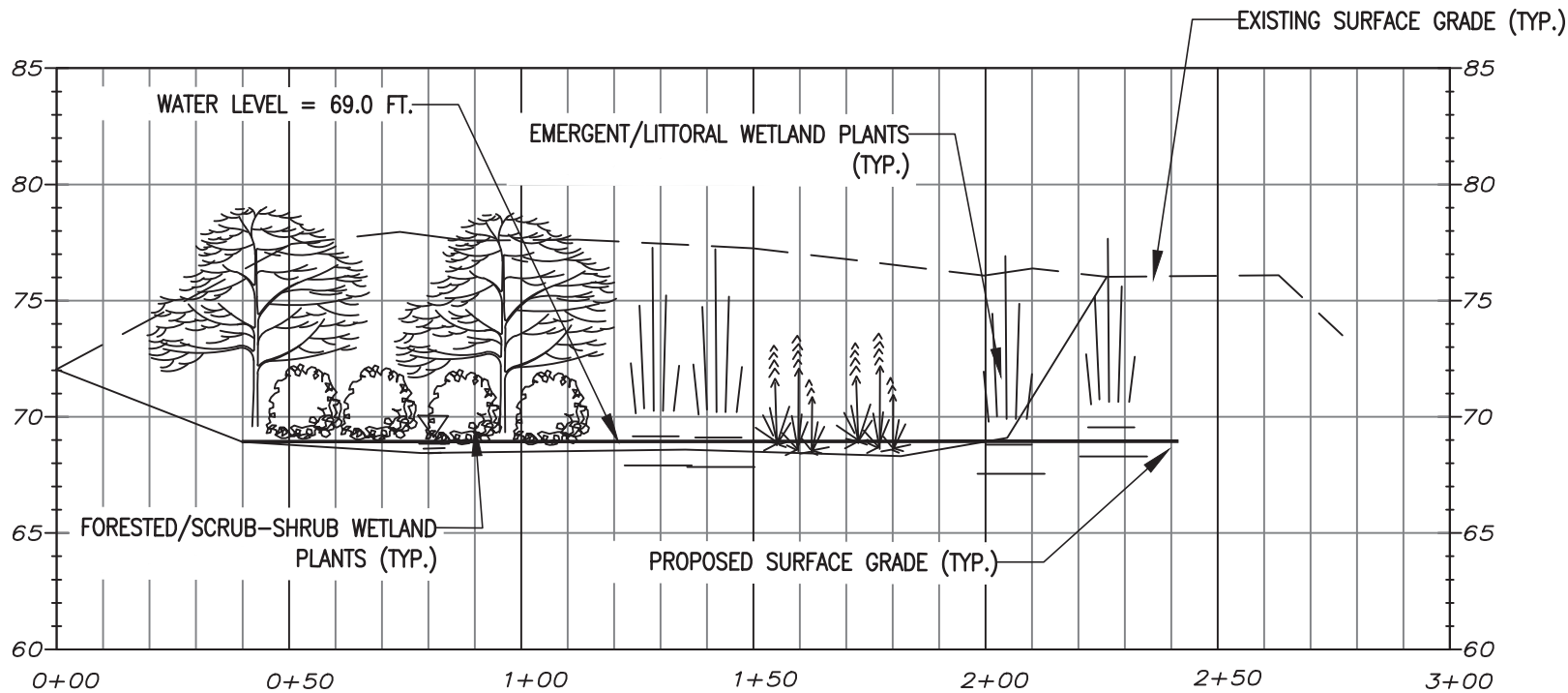
2 SITE CSM 4 ESTABLISHMENT AREA PLAN - SECTION F-F'

C-155B

SCALE: 1"=40'

HOR: VERT

1:5



3 SITE CSM 5 ESTABLISHMENT AREA PLAN- SECTION H-H'

C-155B

SCALE: 1"=40'

HOR: VERT

1:5

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WESTCHESTER COUNTY

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MILITARY AND NAVAL AFFAIRS

WATERBODIES:
DICKIEBUSH LAKE AND TRIBS TO HUDSON RIVER

MCO 11/19/2024 USACE SUBMISSION

MARK DATE DESCRIPTION

PROJECT NUMBER 47574 - C

DESIGNED BY MCO

DRAWN BY: JKS

FIELD CHECK: MCO

APPROVED: MCO

SHEET TITLE:

MITIGATION
AREA CROSS
SECTIONS
CSM-4 AND 5

DRAWING NUMBER:

C-155B

SHEET 17 OF

18



WATERBODIES:
DICKIEBUSH LAKE AND TRIBS TO HUDSON RIV

SHEET 18 OF 18