



## PUBLIC NOTICE

**Comment Period Begins:** September 24, 2024

**Comment Period Ends:** October 23, 2024

**File Number:** NAE-2024-01875

**In Reply Refer to:** Paula Kullberg, Regulatory Division

**Phone:** (978) 318-8170

**Email:** [paula.g.kullberg@usace.army.mil](mailto:paula.g.kullberg@usace.army.mil)

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The District Engineer, U.S. Army Corps of Engineers, New England District (USACE), has received a permit application, file number **NAE-2024-01875** to conduct work in waters of the United States from Sporting Goods Properties, Inc. (SGP) – Lake Success Business Park (LSBP). This work is proposed in wetlands adjacent to Roadway Brook and Lake Success, at 615 Asylum Street, Bridgeport, CT 06610. The site coordinates are: Latitude 41.207461 °N Longitude -73.163655 °W.

The LSBP site is a 419-acre, interim status, Resource Conservation and Recovery Act (RCRA) facility located in Bridgeport and Stratford, Connecticut. Of the 419 acres, the portion of the site located within the City of Bridgeport consists of approximately 344 acres, and the portion of the site located within the Town of Stratford consists of approximately 75 acres. The project site was formerly owned and operated by the Remington Arms Company, Inc. (Remington). On August 21, 1990, Remington entered into an Administrative Consent Order (ACO) I-90-1005, pursuant to Section 3008(h) of RCRA, with the EPA for the performance of corrective action activities at the site.

Consulting scientists (AECOM), including a Connecticut Soil Scientist, performed a federal wetland and waterbody delineation of the site, limited to the Project Area and including the six Areas of Ecological Concern (AECs) on-site that contain seven wetland areas requiring remediation (see Table 4 below for the summary of impacted wetlands). The wetlands in the Project Area were identified as Palustrine Forested ("PFO"), Palustrine Scrub-Shrub ("PSS"), Palustrine Emergent ("PEM"), Palustrine Open Water ("POW"), or a combination of these four cover types.

This new project will work towards the site-wide corrective actions and encompass the removal of contaminated sediments from seven of the onsite wetlands and surrounding uplands. The applicant is proposing site-specific procedures for the remediation of constituents of potential ecological concern (COPECs) detected within the six wetland AECs at the site. Remediation of the wetland AECs will include the targeted removal of sediment to achieve the remedial goals set forth in the 2023 Wetlands Remedial Investigation Report.

Onsite testing has been performed to refine the limits of excavation and reduce the amount of ground and wetland impacts; however, these remaining select excavation areas have been identified as containing high levels of copper, lead, mercury, nickel, vanadium, and zinc within the surficial substrate and pore water and require removal as part of the site ACO. Excavations will be limited to those surficial substrates within approximately 1 foot of the soil surface.

Upon completion of the remedial activities, the wetland AECs will be backfilled and restored to pre-construction grades and conditions (see "MITIGATION" below). The project is anticipated to result in no net loss of wetland area.

Table 4-1 represents the extent of excavations proposed as part of the Corrective Measures Implementation Work Plan.

**Table 4-1 Proposed Impacts to Waters of the United States**

<b>AEC</b>	<b>Wetland Area of Impacts (SF)</b>	<b>Wetland Area of Impacts (ac)</b>	<b>Wetland Impact by Volume (CY)</b>
AEC 1-11	4,540	0.104	169
AEC 9-4	8,910	0.205	543
AEC 10-1	27,864	0.640	1,032
AEC 10-2	16,589	0.381	614
AEC 10-3	5,881	0.135	218
AEC 21	9,856	0.226	365
<b>Total</b>	<b>73,640</b>	<b>1.691</b>	<b>2,941</b>

The work is shown on the enclosed plans titled "DRAFT PROJECT DRAWINGS - CORRECTIVE MEASURES IMPLEMENTATION, WORK PLAN FOR WETLAND AECs, LAKE SUCCESS BUSINESS PARK; FAIRFIELD COUNTY, BRIDGEPORT, CONNECTICUT," on 19 sheets, and dated (last plotted on) "07-10-2024."

## **MITIGATION**

Following excavation, wetlands will be restored to existing grades using screened lake sediment/topsoil from the Success Lake Remediation Project (NAE-2017-00843). The Project will result in a net increase in wetland area as a result of the removal of historic fill through and near wetland areas. These areas of historic fill will be restored to pre-impact grades and restored along with the adjacent wetland areas as part of the site restoration plan.

The Project has taken measures to minimize or avoid adverse effects to waters of the United States including extensive testing of the soils, surface water, and pore water, which has been completed in order to target the removal of sediment. This allows for excavating only areas that are required to be removed to be impacted and limits the need for additional testing in the field. Existing roads will be used to access on-site wetland, and excavation will be performed from existing access whenever possible to limit disturbance to the upland areas surrounding jurisdictional wetlands.

## **AUTHORITY**

Permits are required pursuant to:

- ☐ Section 10 of the Rivers and Harbors Act of 1899
- ☒ Section 404 of the Clean Water Act
- ☐ Section 103 of the Marine Protection, Research and Sanctuaries Act
- ☐ Section 14 of the Rivers and Harbors Act of 1899 (33 USC 408)

The decision whether to issue a permit will be based on an evaluation of the probable impact 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 may reasonably 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, cultural value, fish and wildlife values, flood hazards, flood plain value, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

The USACE 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. The USACE will consider all comments received 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 the 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.

Where the activity involves the discharge of dredged or fill material into waters of the United States or the transportation of dredged material for the purpose of disposing it in ocean waters, the evaluation of the impact of the activity in the public interest will also 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/or Section 103 of the Marine Protection Research and Sanctuaries Act of 1972, as amended.

## **NATIONAL HISTORIC PRESERVATION ACT**

Based on our initial review of the proposed project and coordination with the State Historic Preservation Officer and/or Tribal Historic Preservation Officer(s), no historic properties were identified within the permit area and/or the area of potential effects. Additional review and

consultation to fulfill requirements under Section 106 of the National Historic Preservation Act of 1966, as amended, will be ongoing as part of the permit review process.

## ENDANGERED SPECIES CONSULTATION

The USACE has reviewed the application for the potential impact on federally-listed threatened or endangered species and their designated critical habitat pursuant to section 7 of the Endangered Species Act (ESA) as amended. It is our preliminary determination that the proposed activity for which authorization is being sought is designed, situated or will be operated/used in such a manner that it is not likely to adversely affect a listed species or their critical habitat. We are coordinating with the U.S. Fish and Wildlife Service on listed species under their jurisdiction and the ESA consultation will be concluded prior to the final decision.

The following authorizations have been applied for, or have been, or will be obtained:

- ( X ) Permit, license or assent from State.
- ( X ) Permit from local wetland agency or conservation commission.
- ( X ) Water Quality Certification in accordance with Section 401 of the Clean Water Act.

## COMMENTS

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 the 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. People submitting comments are advised that all comments received will be available for public review in their entirety and will be considered a matter of public record.

Comments should be submitted in writing by the above date. If you have any questions, please contact **Paula Kullberg**, Regulatory Division, at [paula.g.kullberg@usace.army.mil](mailto:paula.g.kullberg@usace.army.mil), (978) 318-8170, (800) 343-4789 or (800) 362-4367.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for a public hearing shall specifically state the reasons for holding a public hearing. The USACE holds public hearings for the purpose of obtaining public comments when that is the best means for understanding a wide variety of concerns from a diverse segment of the public.

CENAE-R  
File No. NAE-2024-01875

The initial determinations made herein will be reviewed in light of facts submitted in response to this notice. Copies of letters of objection will be forwarded to the applicant who will normally be requested to contact objectors directly in an effort to reach an understanding.

**THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.**

*Kevin R Kotelly*

Kevin R. Kotelly, P.E.  
Chief, CT/RI Section  
Regulatory Division

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Please contact Ms. Tina Chaisson at [bettina.m.chaisson@usace.army.mil](mailto:bettina.m.chaisson@usace.army.mil) or (978) 318-8058 if you would like to be removed from our public notice mailing list.



REGION MAP  
SCALE: 1"=25± MILES

PROJECT DRAWINGS  
CORRECTIVE MEASURES  
IMPLEMENTATION WORK PLAN FOR  
WETLAND AECs  
LAKE SUCCESS BUSINESS PARK  
FAIRFIELD COUNTY  
BRIDGEPORT, CONNECTICUT



VICINITY MAP  
SCALE: 1"=2,000 FEET

Sheet No.	Title
G-01	Title Sheet
G-02	General Notes
G-03	Soil Erosion and Sediment Control Plan
G-04	Soil Erosion and Sediment Control Details
G-05	Restoration and Planting Plan
G-06	Restoration and Planting Details
G-07	Typical Cross-Section Views
C-01	Site Layout
C-02	CAMU Layout
C-03	AEC 1-11 Remediation Plan
C-04	AEC 9-4 Remediation Plan
C-05	AEC 10-1 Remediation Plan
C-06	AEC 10-2 Remediation Plan
C-07	AEC 10-3 Remediation Plan
C-08	AEC 21 Remediation Plan
C-09	AEC 1-11 Restoration Plan
C-10	AEC 9-4 Restoration Plan
C-11	AEC 10-1 Restoration Plan
C-12	AEC 10-2 Restoration Plan
C-13	AEC 10-3 Restoration Plan

DRAFT

**AECOM**

**PROJECT**

**WETLAND AEC  
CORRECTIVE MEASURES**  
Lake Success Business Park  
Fairfield County  
615 Asylum Street  
Bridgeport, CT 06610

**CLIENT**  
DuPont Specialty Products USA, LLC

**CONSULTANT**  
AECOM  
348 Chapman Road  
Suite 101  
Newark, DE 19702  
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www.aecom.com

ISSUE/REVISION

[illegible]

### KEY PLAN

PROJECT NUMBER

AECOM: 60729082 / DuPont: 607797

SHEET TITLE

Title Sheet

SHEET NUMBER \_\_\_\_\_



**TOPOGRAPHY AND SURVEY REFERENCES**

1. BASEMAP IS COMPRISED OF ORIGINAL PHOTOGRAMMETRIC SURVEY COMPILED BY GOLDEN AERIAL SURVEY, INC. WATERBURY, CT ON MARCH 07, 2016, SUPPLEMENTED WITH ADDITIONAL TOPOGRAPHIC SURVEYS COMPILED BY AECOM SURVEY BETWEEN 2017-2023.
2. WETLAND DELINEATIONS PREVIOUSLY COMPLETED BY BCM ENGINEERS, INC., AECOM, AND GIBSON ENVIRONMENTAL SERVICES.
3. WETLAND DELINEATIONS FOR AEC 1-11, AEC 9-4, AEC 10-1, AEC 10-2, AEC 10-3 AND AEC 21 COMPLETED BY AECOM ON APRIL 8, 2024.
4. THE HORIZONTAL AND VERTICAL ACCURACY CONFORMS TO CLASS A-2 & V-2 ACCURACY. LOCATIONS REFER TO THE CONNECTICUT COORDINATE SYSTEM (NAD 83). ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM (NAVD 88).
5. VERTICAL DATUM IS MEAN SEA LEVEL (MSL).
6. ALL ELEVATIONS SHOWN ARE IN MSL UNLESS OTHERWISE SPECIFIED.
7. ALL DIMENSIONS ARE IN U.S. SURVEY FEET UNLESS OTHERWISE SPECIFIED.

**GENERAL NOTES**

1. PLAN LOCATIONS AND DIMENSIONS SHALL BE STRICTLY ADHERED TO UNLESS OTHERWISE DIRECTED BY DUPONT OR AUTHORIZED REPRESENTATIVE/ENGINEER (AECOM).
2. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO ORDERING AND/OR FABRICATION OF ANY MATERIALS.
3. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK.
4. CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK. CONTRACTOR WILL COORDINATE WITH DUPONT/AECOM REGARDING THE MEANS, METHODS, TECHNIQUES, PROCEDURES AND SEQUENCES OF WORK.
5. CONTRACTOR SHALL PATCH, REPAIR AND FINISH DAMAGED SURFACES CAUSED BY THE WORK, USING MATERIALS OF THE SAME KIND.
6. FABRICATION AND INSTALLATION OF MATERIALS, FINISHES, ETC. SHALL BE IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.
7. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH WITH APPLICABLE OSHA REGULATIONS.
8. THE CONTRACTOR SHALL NOTIFY "CALL BEFORE YOU DIG" (DIAL 811 OR 1-800-922-4455) AT LEAST TWO (2) FULL DAYS PRIOR TO ANY INTRUSIVE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF UNDERGROUND UTILITIES WHETHER SHOWN OR NOT SHOWN ON THE DRAWINGS, AND SHALL BE RESPONSIBLE FOR COSTS INCURRED IN THE REPAIR OF ANY DAMAGE TO SAME RESULTING FROM THE CONTRACTORS WORK ASSOCIATED WITH THIS PROJECT.
9. EXISTING TREES AND SHRUBS SHALL BE PROTECTED BY THE CONTRACTOR TO ELIMINATE UNNECESSARY DAMAGE, UNLESS THEY ARE DESIGNATED OR FLAGGED FOR REMOVAL.
10. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE TO UTILITIES DUE TO THE CONTRACTOR NEGLIGENCE SHALL BE IMMEDIATELY AND COMPLETELY REPAIRED AT CONTRACTOR'S EXPENSE.
11. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THERE IS SUFFICIENT COVER ON PIPING DURING CONSTRUCTION TO PREVENT FAILURE OF PIPES.
12. TO THE EXTENT PRACTICAL, EXCAVATIONS SHALL BE KEPT DRY DURING REMEDIATION AND RESTORATION.
13. REFUELING OF EQUIPMENT OR THE STORAGE OF FUEL, OIL, OR ANY OTHER HAZARDOUS MATERIALS SHALL NOT OCCUR WITHIN 100 FEET OF WETLAND AREAS.
14. WATER IS AVAILABLE TO THE CONTRACTOR FROM A METERED 2.0 INCH DIAMETER CONNECTION LOCATED ADJACENT TO THE PAVED PARKING LOT IN THE CAMU. AN ELECTRICAL SERVICE DROP IS ALSO AVAILABLE TO THE CONTRACTOR IN THE SAME LOCATION FOR AN OFFICE TRAILER IF NEEDED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY ADDITIONAL TEMPORARY UTILITIES.
15. THESE PLANS ARE BASED ON INFORMATION AVAILABLE AT THE TIME THEY WERE PREPARED. ACTUAL CONDITIONS DETERMINED LATER MAY VARY. SOUND ENGINEERING JUDGMENT SHOULD BE EXERCISED DURING CONSTRUCTION TO ASSURE THAT THE DESIGN IS COMPATIBLE WITH THE ACTUAL CONDITIONS.

**GENERAL CONSTRUCTION SEQUENCE**

1. MOBILIZE PERSONNEL AND EQUIPMENT TO THE SITE. COMPLETE NECESSARY PERMIT AND "CALL BEFORE YOU DIG" NOTIFICATIONS.
2. PROTECT EXISTING MONITORING WELLS. PROTECT MATURE TREES NOT IDENTIFIED FOR REMOVAL.
3. INSTALL EROSION & SEDIMENT CONTROLS, STABILIZED CONSTRUCTION ENTRANCES, STORM WATER MANAGEMENT STRUCTURES, AND OTHER TEMPORARY FACILITIES AS SHOWN PRIOR TO ANY SITE DISTURBANCE.
4. PERFORM CLEARING AND GRUBBING OF THE AREA AS NEEDED. PLACE VEGETATION CUTTINGS AT DESIGNATED AREAS.
5. IMPLEMENT ENVIRONMENTAL MONITORING PROGRAMS.
6. INSTALL TEMPORARY WATER MANAGEMENT SYSTEMS (SUMPS AND PUMPS) TO SUPPRESS WATER TABLE AS NEEDED. GROUNDWATER PUMPED FROM SUMPS LOCATED OUTSIDE IMPACTED AREAS MAY BE DISCHARGED THROUGH FILTER BAGS AT LOCATIONS APPROVED BY AECOM.
7. PUMP AND MAINTAIN DRY WORK AREA, AS NECESSARY. DEWATERING WASTEWATER PUMPED DIRECTLY FROM REMEDIAL EXCAVATIONS SHALL BE DIRECTED TO STORAGE TANKS FOR ON-SITE TREATMENT OR OFF-SITE DISPOSAL AT A PERMITTED FACILITY.
8. EXCAVATE AND TRANSPORT WETLAND SOIL/SEDIMENT AND UPLAND SOIL FROM AECs TO DESIGNATED SOIL PLACEMENT AREA (SPA) IN THE CAMU. EXCAVATED MATERIAL WILL BE DIRECTLY LOADED INTO DUMP TRUCKS. NO STOCKPILING OF MATERIAL WILL OCCUR IN THE EXCAVATION AREAS. SEE SHEET G-07 FOR TYPICAL EXCAVATION CROSS-SECTIONS.
9. TO THE MAXIMUM EXTENT PRACTICAL, EXISTING VEGETATION WILL BE PRESERVED AND DISTURBED PORTIONS OF THE SITE WILL BE MINIMIZED DURING REMEDIATION.
10. COMPOSITE SAMPLES COLLECTED FROM THE WETLAND SOIL/SEDIMENT AND UPLAND SOIL PRIOR TO EXCAVATION WILL DETERMINE HOW THE MATERIAL IS MANAGED IN THE SPA:
  - 10.1. IF THE ANALYTICAL RESULTS INDICATE THAT THE SOIL IS NON-HAZARDOUS THROUGH TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP) ANALYSIS, THE SOIL WILL BE DIRECTLY PLACED, GRADED, AND COMPACTED IN THE SPA IN HORIZONTAL LIFTS NO GREATER THAN 12 INCHES IN DEPTH. THE CONTRACTOR WILL COORDINATE WITH AECOM REGARDING THE LOCATION AND PLACEMENT OF SOIL IN THE SPA.
  - 10.2. IF THE ANALYTICAL RESULTS OF WASTE CHARACTERIZATION SAMPLES INDICATE THAT THE SOIL IS HAZARDOUS THROUGH TCLP ANALYSIS THE SOIL WILL BE PLACED IN STOCKPILES APPROXIMATELY 500 CUBIC YARDS IN SIZE WITHIN THE SPA. THE SOIL WILL THEN BE STABILIZED BY MECHANICALLY BLENDING AN ADDITIVE SUCH AS ENVIROBLEND® PORTLAND CEMENT, OR SIMILAR REAGENT WITH THE SOIL AND ADDITIONAL COMPOSITE SAMPLES WILL BE COLLECTED. ONCE ANALYTICAL TESTING INDICATES THAT THE SOIL DOES NOT REQUIRE ADDITIONAL STABILIZATION, THE SOIL WILL BE PLACED IN SUCCESSIVE HORIZONTAL LAYERS NOT MORE THAN 12 INCHES IN DEPTH WITHIN THE SPA AND COMPACTED.
11. THE CONTRACTOR SHALL DEWATER EXCAVATION AREAS AS NEEDED TO CONDUCT WORK. WATER WILL BE PUMPED THROUGH FILTER BAGS OR MANAGED IN ACCORDANCE WITH APPLICABLE PERMIT REQUIREMENTS.
12. AECOM WILL PERFORM POST-EXCAVATION AND CONFIRMATORY SOIL SAMPLING AS EXCAVATION IS BEING CONDUCTED. BASED ON ANALYTICAL RESULTS, EXCAVATION OF ADDITIONAL IMPACTED SOILS MAY BE REQUIRED.
13. ONCE THE POST-EXCAVATION AND CONFIRMATORY SAMPLING INDICATES THAT THE CLEANUP STANDARDS HAVE BEEN ACHIEVED THE EXCAVATIONS WILL BE BACKFILLED AND RESTORED IN ACCORDANCE WITH THE RESTORATION PLANS.
14. DECONTAMINATE EQUIPMENT PRIOR TO USE FOR BACKFILLING AND RESTORATION.
15. SEE SHEETS G-05 AND G-06 FOR RESTORATION PLAN DETAILS.
16. PLACE SEED AND MULCH ON ALL DISTURBED AREAS (SEE SHEET G-03 FOR DETAILS).
17. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES WHEN THE SITES ARE RESTORED AND STABILIZED AND FINAL APPROVAL HAS BEEN OBTAINED FROM THE OWNER. STABILIZE DISTURBED AREAS AFTER REMOVAL OF EROSION AND SEDIMENT CONTROL MEASURES.
18. DECONTAMINATE ALL EQUIPMENT BEFORE DE-MOBILIZATION. DEWATER PERSONNEL AND EQUIPMENT FROM THE SITE.

**AECOM****PROJECT**

WETLAND AEC  
CORRECTIVE MEASURES  
Lake Success Business Park  
Fairfield County  
615 Asylum Street  
Bridgeport, CT 06610

**CLIENT**

DuPont Specialty Products USA, LLC

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**ISSUE/REVISION**

IR	DATE	DESCRIPTION

**KEY PLAN****PROJECT NUMBER**

AECOM: 60729082 / DuPont: 607797

**SHEET TITLE**

General Notes

**SHEET NUMBER**

G-02



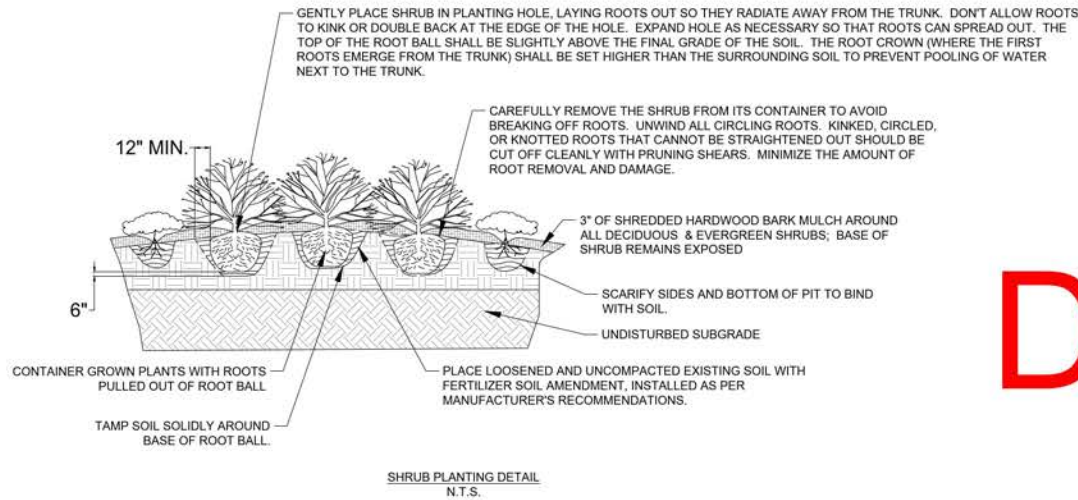
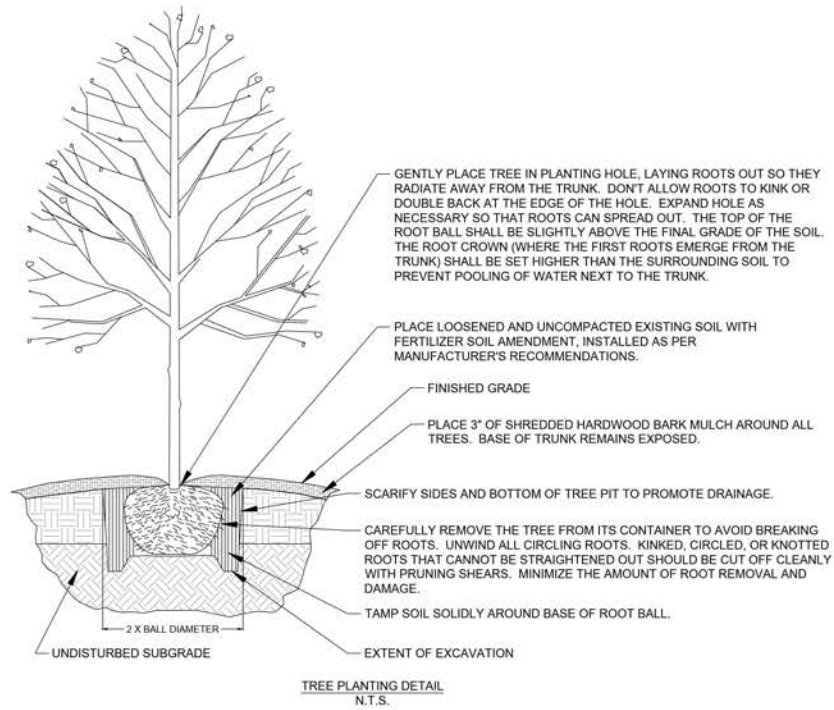
G-03











## NOTES:

1. FILL AROUND BOTTOM AND SIDES WITH SOIL REMOVED FROM PLANTING HOLE.
2. PLACE FERTILIZER SOIL AMENDMENT IN PLANTING HOLE PER MANUFACTURER'S RECOMMENDATIONS.

# DRAFT

## AECOM

**PROJECT**  
WETLAND AEC  
CORRECTIVE MEASURES  
Lake Success Business Park  
Fairfield County  
615 Asylum Street  
Bridgeport, CT 06610

**CLIENT**  
DuPont Specialty Products USA, LLC

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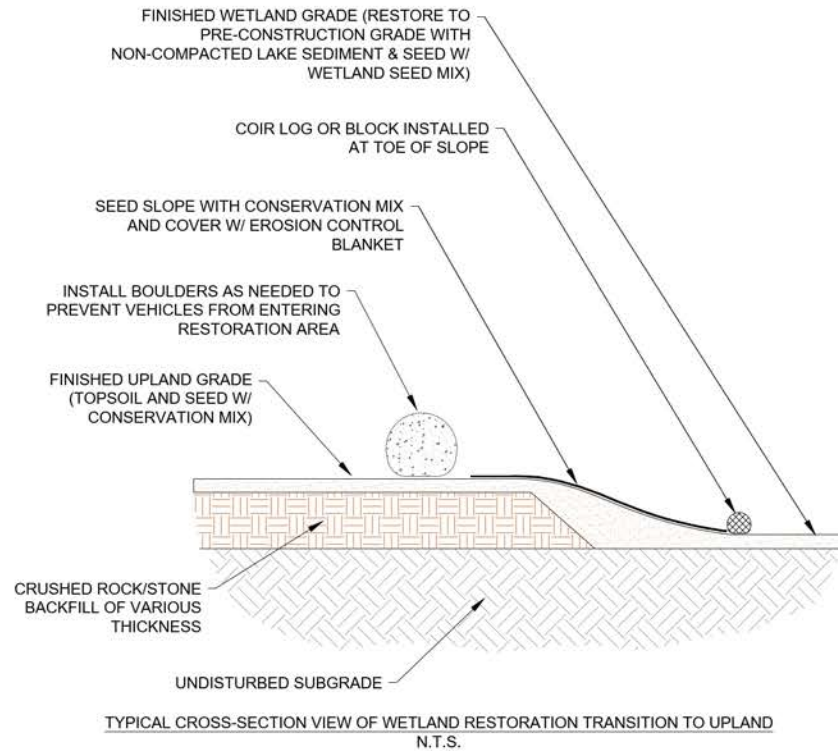
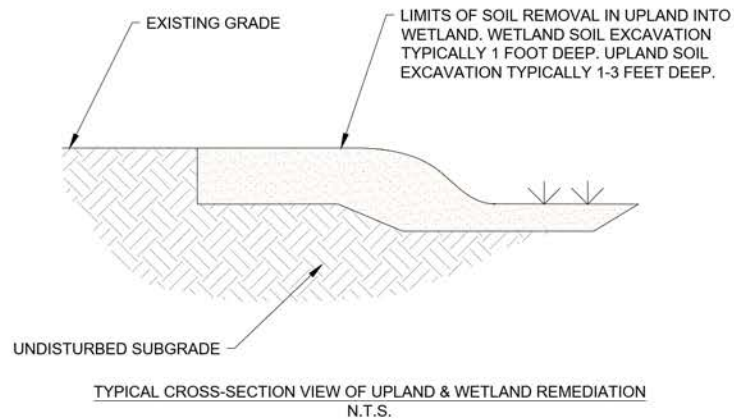
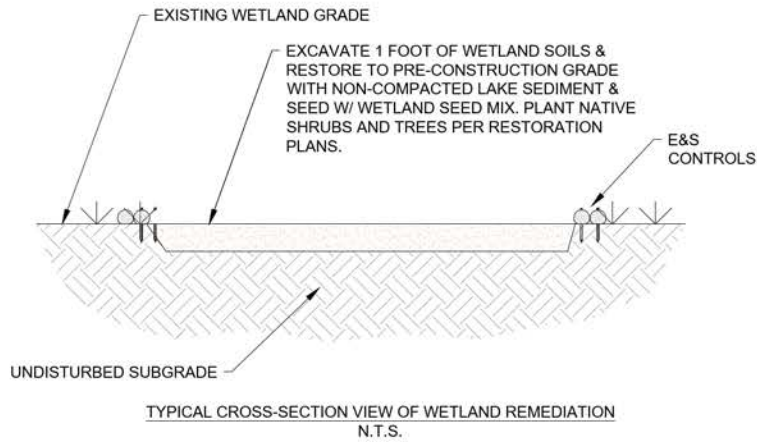
**KEY PLAN**

**PROJECT NUMBER**  
AECOM: 60729082 / DuPont: 607797

**SHEET TITLE**  
Restoration and Planting Details

**SHEET NUMBER**  
G-06

ARCH 10.24" x 36" Approved \_\_\_\_\_ Checked \_\_\_\_\_ Design \_\_\_\_\_



DRAFT

**AECOM**

PROJECT  
WETLAND AEC  
CORRECTIVE MEASURES  
Lake Success Business Park  
Fairfield County  
615 Asylum Street  
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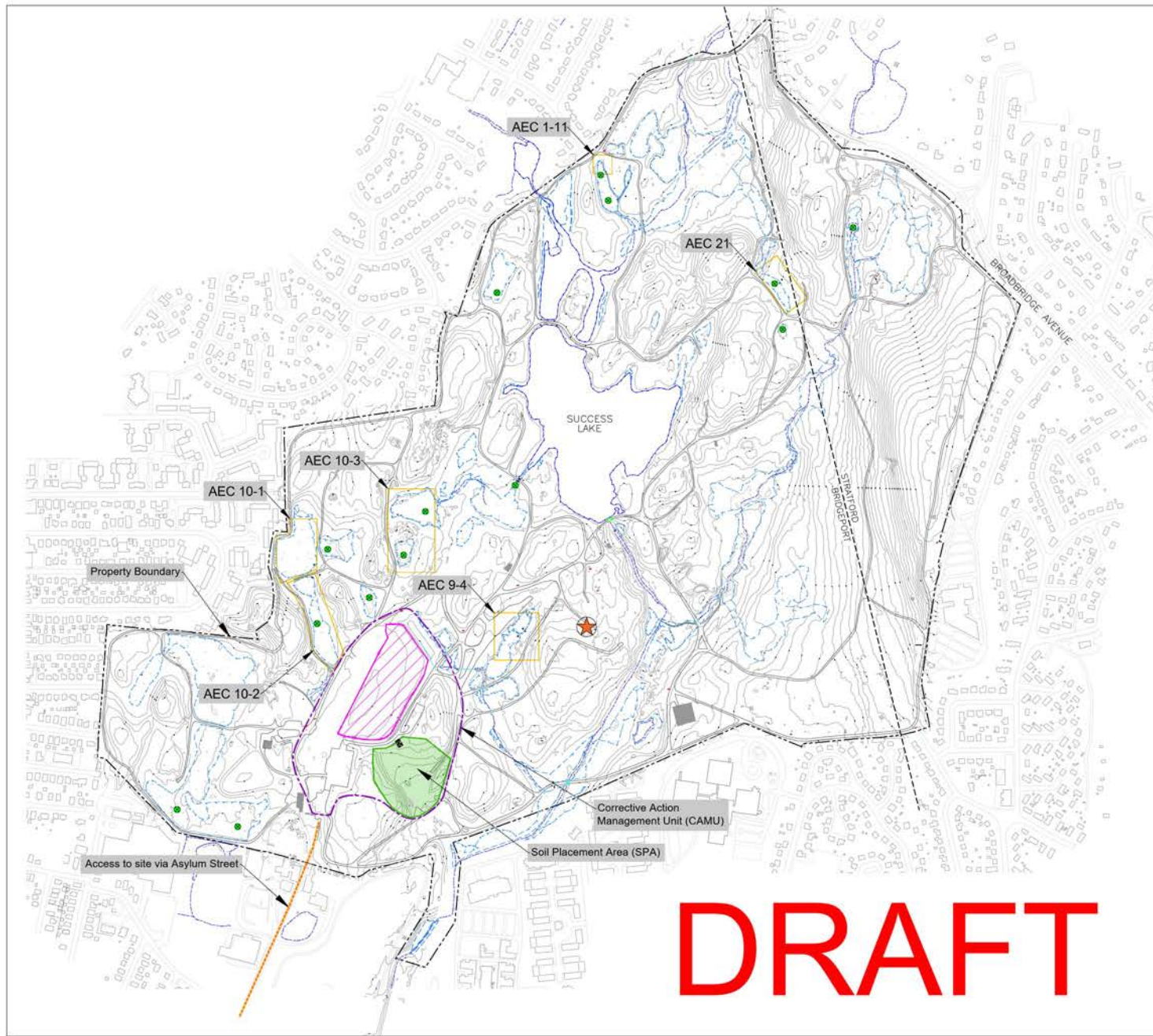
ISSUE/REVISION		
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KEY PLAN

PROJECT NUMBER  
AECOM: 60729082 / DuPont: 607797  
SHEET TITLE  
Typical Cross-Section Views

SHEET NUMBER  
G-07





**DRAFT**

**LEGEND**

TOTAL SITE AREA = 419.0 acres  
BRIDGEPORT = 344.1 acres  
STRAFORD = 74.9 acres  
(77.8 acres (ORIGINAL PARCEL) -  
2.7 acres (DONATION AREA) = 74.9 acres)

- WETLANDS
- VERNAL POOL LOCATION
- BALD EAGLE NESTING SITE
- STREAMS
- PROPERTY BOUNDARY
- CAMU CORRECTIVE ACTION MANAGEMENT UNIT BOUNDARY
- EXISTING BUILDING STRUCTURE
- LIMITS OF EXISTING ENGINEERED CONTROL
- CAMU SOIL PLACEMENT AREA
- WETLAND AREA OF ENVIRONMENTAL CONCERN (AEC) BOUNDARY

Summary of Wetland AEC Excavation Volumes			
AEC	Wetland Vol (CY)	Upland Vol (CY)	Total Vol (CY)
1-11	169	0	169
9-4	543	2,017	2,560
10-1	1,032	2,915	3,947
10-2	614	2,335	2,949
10-3	218	248	466
21	365	0	365
Total	2,941	7,515	10,456

**NOTES**

ACCESS TO THE SITE IS VIA ASYLUM STREET

HEADING NORTH OR SOUTH ON CT-25/CT-8, TAKE EXIT 5 TOWARD US-1/BOSTON AVENUE/NORTH AVE. MERGE ONTO CHOPSEY HILL ROAD. CHOPSEY HILL ROAD TURNS SLIGHTLY RIGHT AND BECOMES BOSTON AVENUE. TURN LEFT ON ASYLUM STREET AND FOLLOW UNTIL YOU REACH THE CONTRACTOR ENTRANCE AND SECURITY GATE.



**PROJECT**

WETLAND AEC  
CORRECTIVE MEASURES  
Lake Success Business Park  
Fairfield County  
615 Asylum Street  
Bridgeport, CT 06610

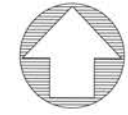
**CLIENT**

DuPont Specialty Products USA, LLC

**CONSULTANT**

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LOCATIONS REFER TO THE CONNECTICUT COORDINATE SYSTEM AND ITS ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM (NAVD 83).



GRAPHIC SCALE IN FEET

ISSUE/REVISION		

**KEY PLAN**



**PROJECT NUMBER**

AECOM: 60729082 / DuPont: 607797

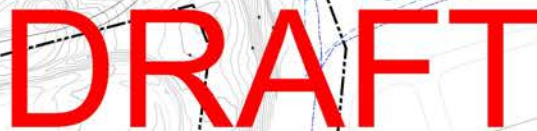
**SHEET TITLE**

Site Layout

**SHEET NUMBER**

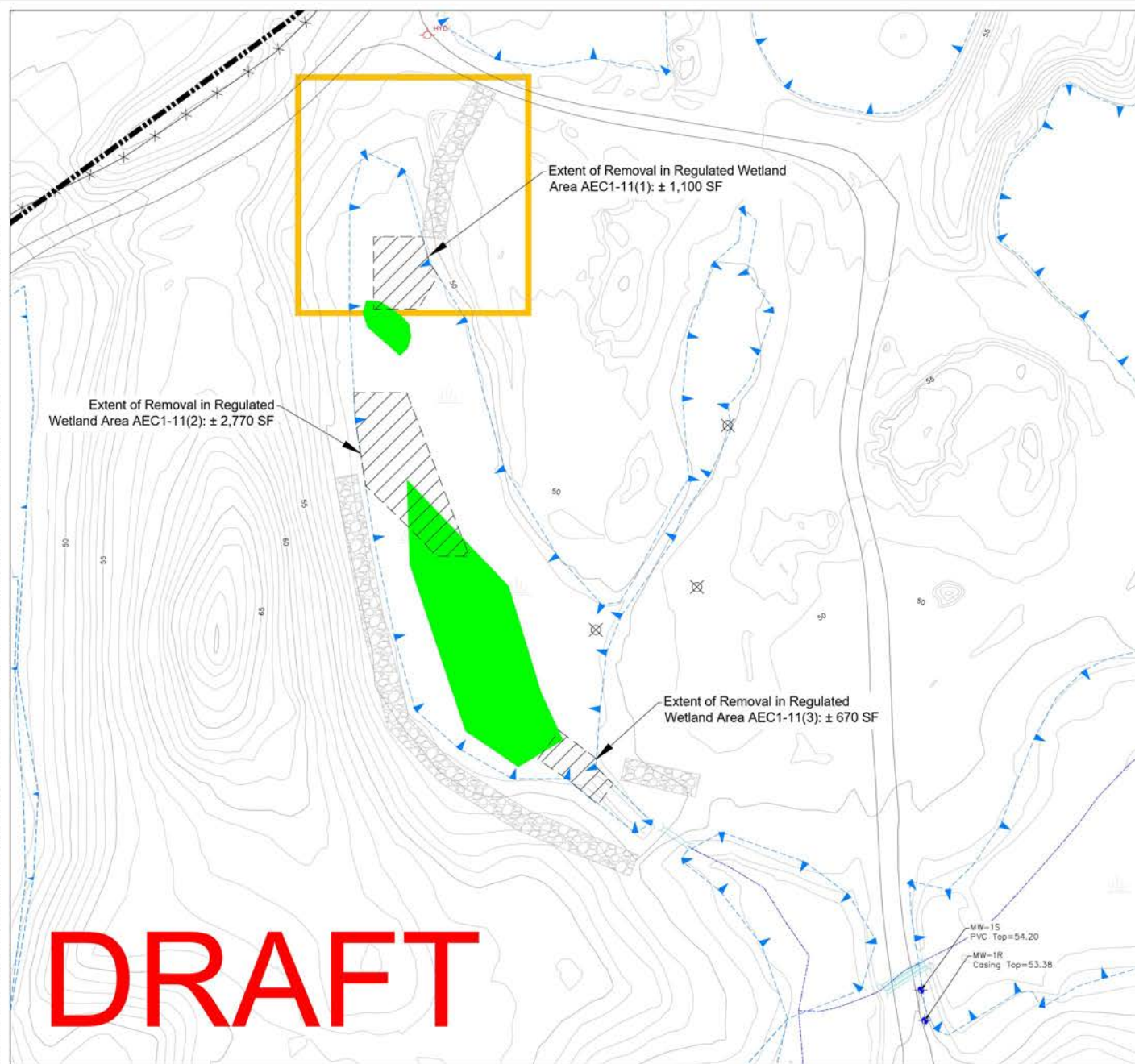
C-01





## C-02

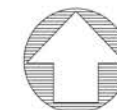




LEGEND

- 
- |  |  |
|--|--|
|  | WETLANDS   |
|  | VERNAL POOL LOCATION (2024)                          |
|  | STREAMS  |
|  | PROPERTY BOUNDARY                                    |
|  | FENCE  |
|  | WETLAND AREA OF ENVIRONMENTAL CONCERN (AEC) BOUNDARY |
|  | MONITORING WELL                                      |
|  | WETLAND DATA COLLECTION POINT                        |
|  | PROPOSED LIMITS OF WETLAND EXCAVATION                |
|  | PROPOSED ACCESS FOR WETLAND EXCAVATION               |

Wetland Area	Avg. Depth of Excavation (FT)	Approx. Area of Disturbance (SF)	Est. In-Place Vol. (CY)
1-11(1)	0 - 1	1,100	41
1-11(2)	0 - 1	2,770	103
1-11(3)	0 - 1	670	25
Wetland Total:		4,540	169



GRAPHIC SCALE IN FEET

## ISSUE/REVISION

IR	DATE	DESCRIPTION

### KEY PLAN



## PROJECT NUMBER

AECOM: 60729082 / DuPont: 607797

**SHEET TITLE**

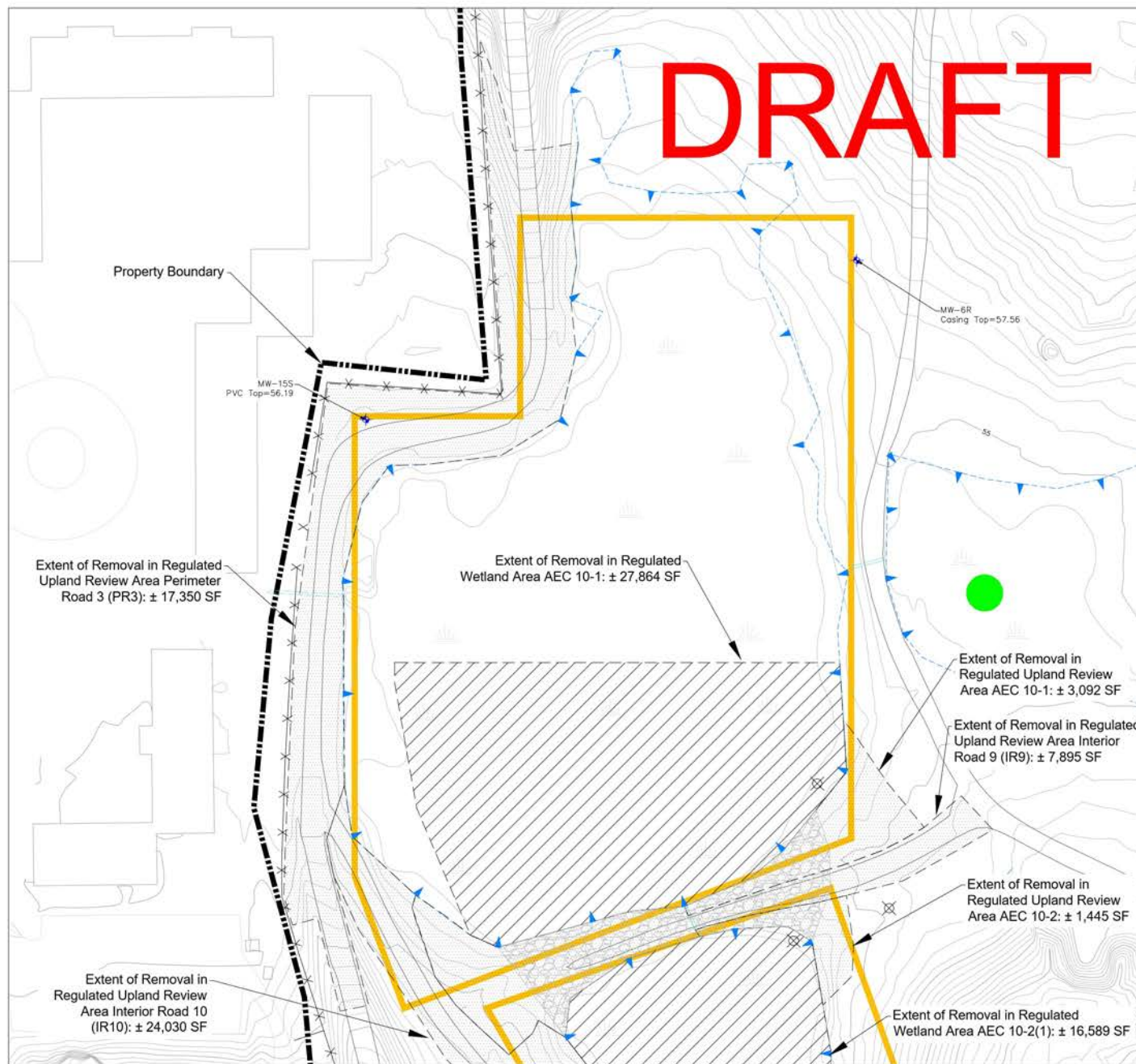
AEC 1-11 Remediation Plan

## SHEET NUMBER

C-03

DRAFT





## LEGEND

- WETLANDS
- VERNAL POOL LOCATION (historical)
- STREAMS
- PROPERTY BOUNDARY
- FENCE
- WETLAND AREA OF ENVIRONMENTAL CONCERN (AEC) BOUNDARY
- MONITORING WELL
- WETLAND DATA COLLECTION POINT
- PROPOSED LIMITS OF WETLAND EXCAVATION
- PROPOSED LIMITS OF UPLAND EXCAVATION
- PROPOSED ACCESS FOR WETLAND EXCAVATION

AECs 10-1 / 10-2 Proposed Remedial Excavations			
Wetland Area	Avg. Depth of Excavation (FT)	Approx. Area of Disturbance (SF)	Est. In-Place Vol. (CY)
10-1	0 - 1	27,864	1,032
10-2	0 - 1	16,589	614
Wetland Total:		44,453	1,646
Upland Area	Avg. Depth of Excavation (FT)	Approx. Area of Disturbance (SF)	Est. In-Place Vol. (CY)
10-1	0 - 3	3,092	344
10-2(1)	0 - 3	1,445	161
10-2(2)	0 - 4	5,663	839
PR3	0 - 2.5	17,350	1,606
IR9	0 - 3.3	7,895	965
IR10	0 - 1.5	24,030	1,335
Upland Total:		59,475	5,250



GRAPHIC SCALE IN FEET

## ISSUE/REVISION

IR	DATE	DESCRIPTION

## KEY PLAN



## PROJECT NUMBER

AECOM: 60729082 / DuPont: 607797

## SHEET TITLE

AEC 10-1 Remediation Plan

## SHEET NUMBER

C-05

**AECOM**

## PROJECT

WETLAND AEC  
CORRECTIVE MEASURES  
Lake Success Business Park  
Fairfield County  
615 Asylum Street  
Bridgeport, CT 06610

## CLIENT

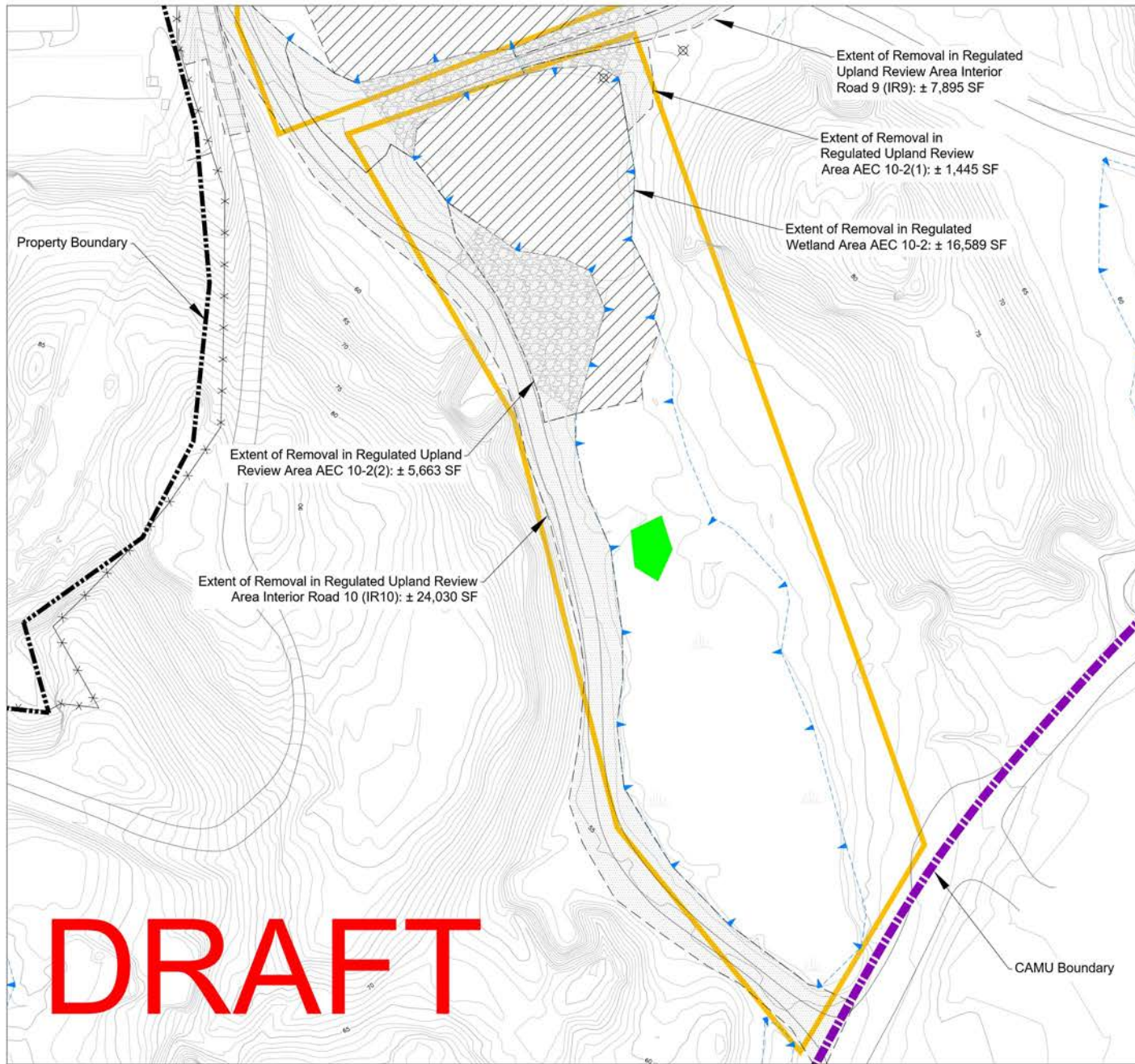
DuPont Specialty Products USA, LLC

## CONSULTANT

AECOM  
248 Chapman Road  
Suite 101  
Newark, DE 19702  
302.781.5900 tel 302.781.5901 fax  
www.aecom.com

LOCATIONS REFER TO THE CONNECTICUT COORDINATE  
SYSTEM AND ALL ELEVATIONS REFER TO THE NORTH  
AMERICAN VERTICAL DATUM (NAVD 83).

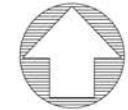




### LEGEND

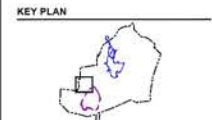
- WETLANDS
- VERNAL POOL LOCATION (2024)
- STREAMS
- CAMU: CORRECTIVE ACTION MANAGEMENT UNIT BOUNDARY
- PROPERTY BOUNDARY
- FENCE
- WETLAND AREA OF ENVIRONMENTAL CONCERN (AEC) BOUNDARY
- WETLAND DATA COLLECTION POINT
- PROPOSED LIMITS OF WETLAND EXCAVATION
- PROPOSED LIMITS OF UPLAND EXCAVATION
- PROPOSED ACCESS FOR WETLAND EXCAVATION

AECs 10-1 / 10-2 Proposed Remedial Excavations			
Wetland Area	Avg. Depth of Excavation (FT)	Approx. Area of Disturbance (SF)	Est. In-Place Vol. (CY)
10-1	0 - 1	27,864	1,032
10-2	0 - 1	16,589	614
Wetland Total:		44,453	1,646
Upland Area	Avg. Depth of Excavation (FT)	Approx. Area of Disturbance (SF)	Est. In-Place Vol. (CY)
10-1	0 - 3	3,092	344
10-2(1)	0 - 3	1,445	161
10-2(2)	0 - 4	5,663	839
PR3	0 - 2.5	17,350	1,606
IR9	0 - 3.3	7,895	965
IR10	0 - 1.5	24,030	1,335
Upland Total:		59,475	5,250



GRAPHIC SCALE IN FEET

ISSUE/REVISION		

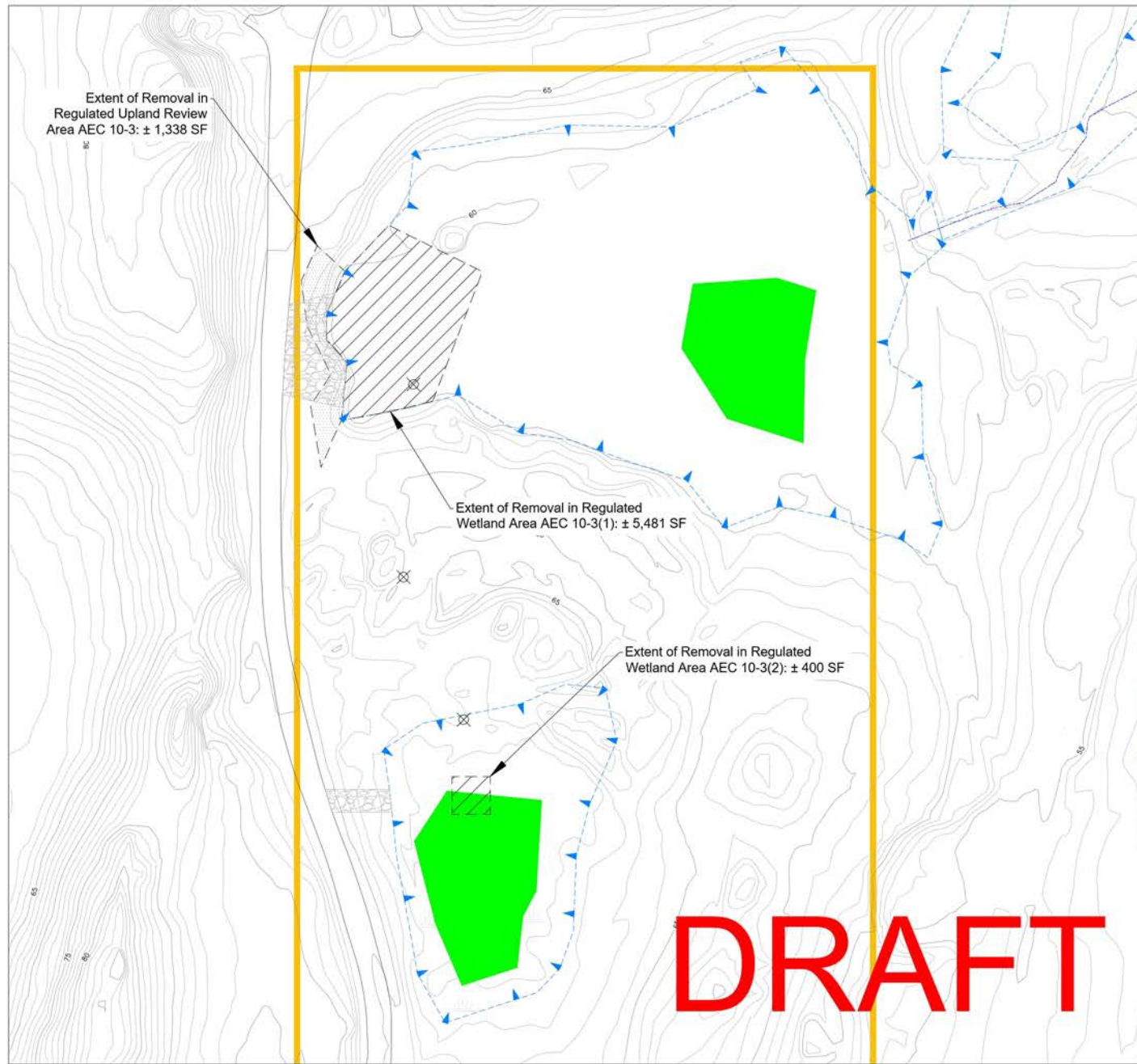


PROJECT NUMBER  
AECOM: 60729082 / DuPont: 607797

SHEET TITLE  
AEC 10-2 Remediation Plan

SHEET NUMBER  
C-08

ARCH 10.4" x 36" Approved Designer \_\_\_\_\_ Checked \_\_\_\_\_  
C:\Users\mshah\OneDrive\Documents\AEC\60729082\60729082.dwg  
Last saved by: JEFF KISHOR (60729082.dwg) Last Printed: 2024-07-16  
Drawing Title: 60729082 - AEC 10-3 Remedial Excavation Plan  
Drawing Description: AEC 10-3 Remedial Excavation Plan  
Drawing Date: 2024-07-16  
Drawing Scale: 1" = 100'



## LEGEND

- WETLANDS
- VERNAL POOL LOCATION (2024)
- STREAMS
- WETLAND AREA OF ENVIRONMENTAL CONCERN (AEC) BOUNDARY
- WETLAND DATA COLLECTION POINT
- PROPOSED LIMITS OF WETLAND EXCAVATION
- PROPOSED LIMITS OF UPLAND EXCAVATION
- PROPOSED ACCESS FOR WETLAND EXCAVATION

AEC 10-3 Proposed Remedial Excavations			
Wetland Area	Avg. Depth of Excavation (FT)	Approx. Area of Disturbance (SF)	Est. In-Place Vol. (CY)
10-3(1)	0 - 1	5,481	203
10-3(2)	0 - 1	400	15
Wetland Total:		5,881	218
Upland Area	Avg. Depth of Excavation (FT)	Approx. Area of Disturbance (SF)	Est. In-Place Vol. (CY)
10-3	0 - 5	1,338	248
Upland Total:		1,338	248



GRAPHIC SCALE IN FEET  
0 10 20 30

## ISSUE/REVISION

IR	DATE	DESCRIPTION

## KEY PLAN



## PROJECT NUMBER

AECOM: 60729082 / DuPont: 607797

## SHEET TITLE

AEC 10-3 Remediation Plan

## SHEET NUMBER

C-07

**AECOM**

## PROJECT

WETLAND AEC  
CORRECTIVE MEASURES  
Lake Success Business Park  
Fairfield County  
615 Asylum Street  
Bridgeport, CT 06610

## CLIENT

DuPont Specialty Products USA, LLC

## CONSULTANT

AECOM  
248 Chapman Road  
Suite 101  
Newark, DE 19702  
302.781.5900 tel 302.781.5901 fax  
www.aecom.com

LOCATIONS REFER TO THE CONNECTICUT COORDINATE SYSTEM AND ALL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM (NAVD 83).





PROPOSED ACCESS FOR  
WETLAND EXCAVATION

AEC 21 Proposed Remedial Excavations			
Wetland Area	Avg. Depth of Excavation (FT)	Approx. Area of Disturbance (SF)	Est. In-Place Vol. (CY)
21	0 - 1	9,856	365
Wetland Total:		9,856	365

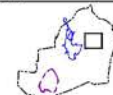


0 25 50 Feet  
GRAPHIC SCALE IN FEET

## ISSUE/REVISION

IR	DATE	DESCRIPTION

### KEY PLAN



## PROJECT NUMBER

AECOM: 60729082 / DuPont: 607797

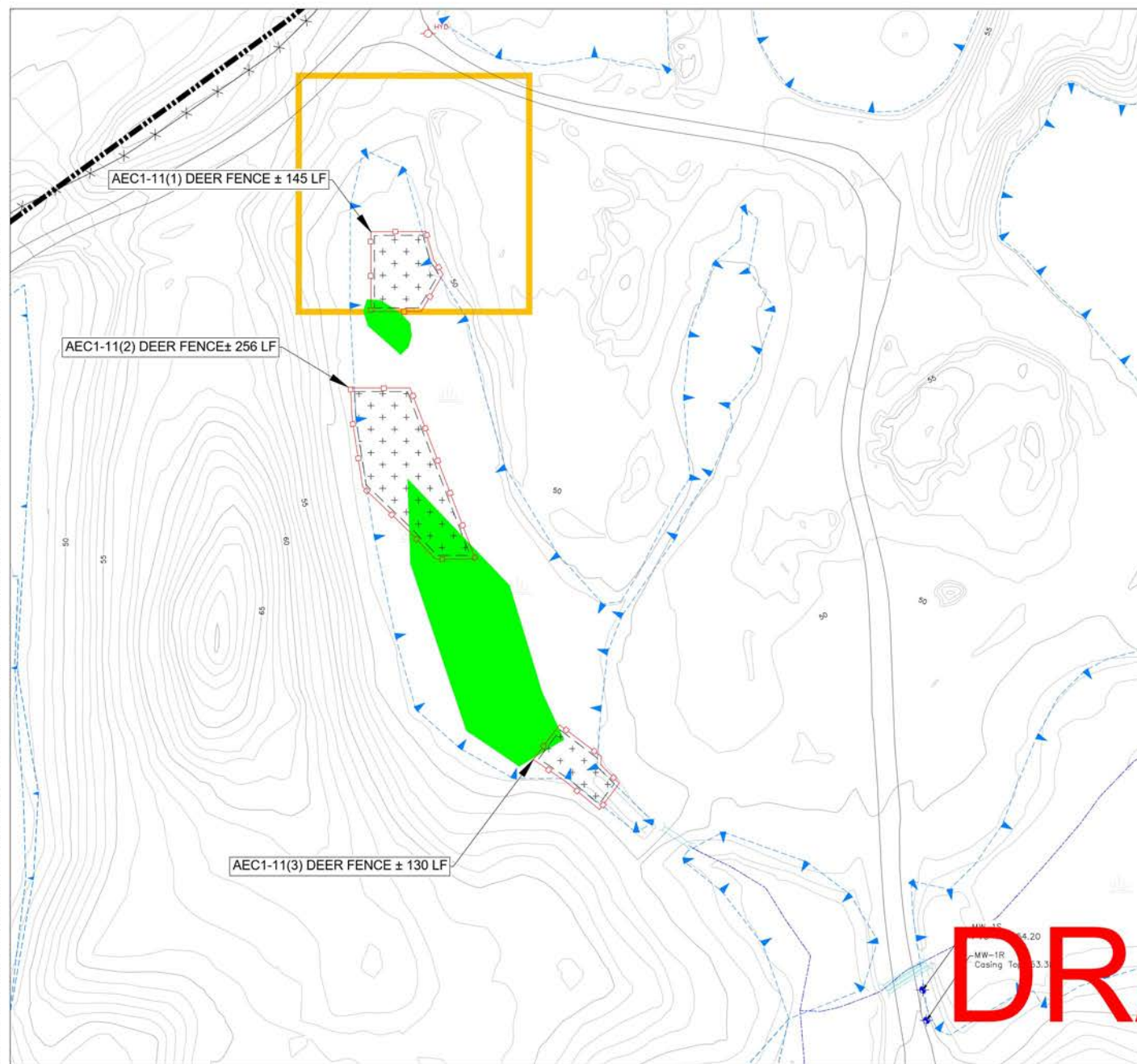
**SHEET TITLE**

AEC 21 Remediation Plan

## SHEET NUMBER

C-08





WETLANDS

VERNAL POOL LOCATION (2024)

STREAMS

PROPERTY BOUNDARY

FENCE

WETLAND AREA OF ENVIRONMENTAL CONCERN (AEC) BOUNDARY

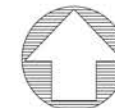
MONITORING WELL

PROPOSED FORESTED WETLAND (PFO) RESTORATION

PROPOSED DEER FENCE LOCATION

AEC 1-11 Restoration Planting Plan		
Common Name	Scientific Name	Qty
Red Maple	<i>Acer rubrum</i>	15
Black Birch	<i>Betula lenta</i>	5
Highbush Blueberry	<i>Vaccinium corymbosum</i>	15
Tussock Sedge	<i>Carex stricta</i>	40
Common Rush	<i>Juncus effusus</i>	30

Note:  
The final location of all plant material shall be determined in the field under the direction of the engineer or their representative



0 25 50 Feet

GRAPHIC SCALE IN FEET

## ISSUE/REVISION

[illegible]

### KEY PLAN



## PROJECT NUMBER

AECOM: 60729082 / DuPont: 607797

**SHEET TITLE**

AEC 1-11 Restoration Plan

## SHEET NUMBER

C-09

## PROJECT

WETLAND AEC  
CORRECTIVE MEASURES  
Lake Success Business Park  
Fairfield County  
615 Asylum Street  
Bridgeport, CT 06610

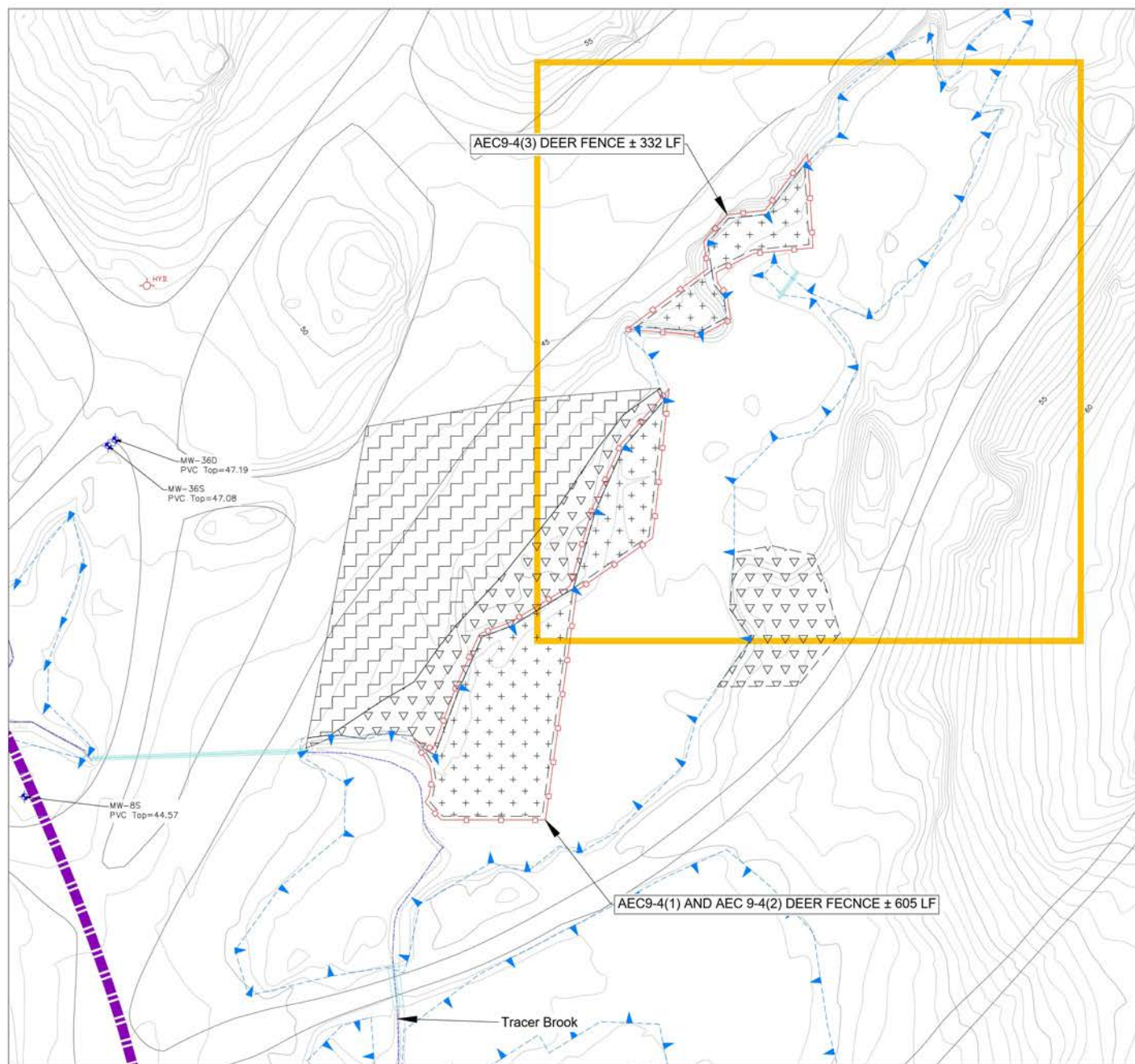
**CLIENT**

DuPont Specialty Products USA, LLC

## CONSULTANT

AECOM  
248 Chapman Road  
Suite 101  
Newark, DE 19702  
302.781.5900 tel 302.781.5901 fax  
www.aecom.com

LOCATIONS REFER TO THE CONNECTICUT COORDINATE SYSTEM (NAD 83). ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM (NAVD 88).



### LEGEND



WETLANDS



## STREAMS



— CAMU: CORRECTIVE ACTION  
MANAGEMENT UNIT BOUNDARY



WETLAND AREA OF  
ENVIRONMENTAL CONCERN  
(AEC) BOUNDARY



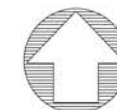
MONITORING WELL

PROPOSED FORESTED  
WETLAND (PFO) RESTORATIONPROPOSED RIPARIAN  
RESTORATIONPROPOSED UPLAND  
RESTORATIONPROPOSED DEER FENCE  
LOCATION

## AEC 9-4 Restoration Planting Plan

Common Name	Scientific Name	Qty	
		Upland	Wetland
Red Maple	<i>Acer rubrum</i>	10	2
Swamp White Oak	<i>Quercus bicolor</i>		15
Sycamore	<i>Platanus occidentalis</i>	10	5
Black Willow	<i>Salix nigra</i>		15
Gray Birch	<i>Betula populifolia</i>	5	15
Silky Dogwood	<i>Cornus amomum</i>	10	5
Highbush Blueberry	<i>Vaccinium corymbosum</i>	20	25
Tussock Sedge	<i>Carex stricta</i>		50
Common Rush	<i>Juncus effusus</i>		50

Note:  
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0 25 50 Feet

GRAPHIC SCALE IN FEET

## ISSUE/REVISION

[illegible]

## PROJECT NUMBER

AECOM: 60729082 / DuPont: 607797

## SHEET TITLE

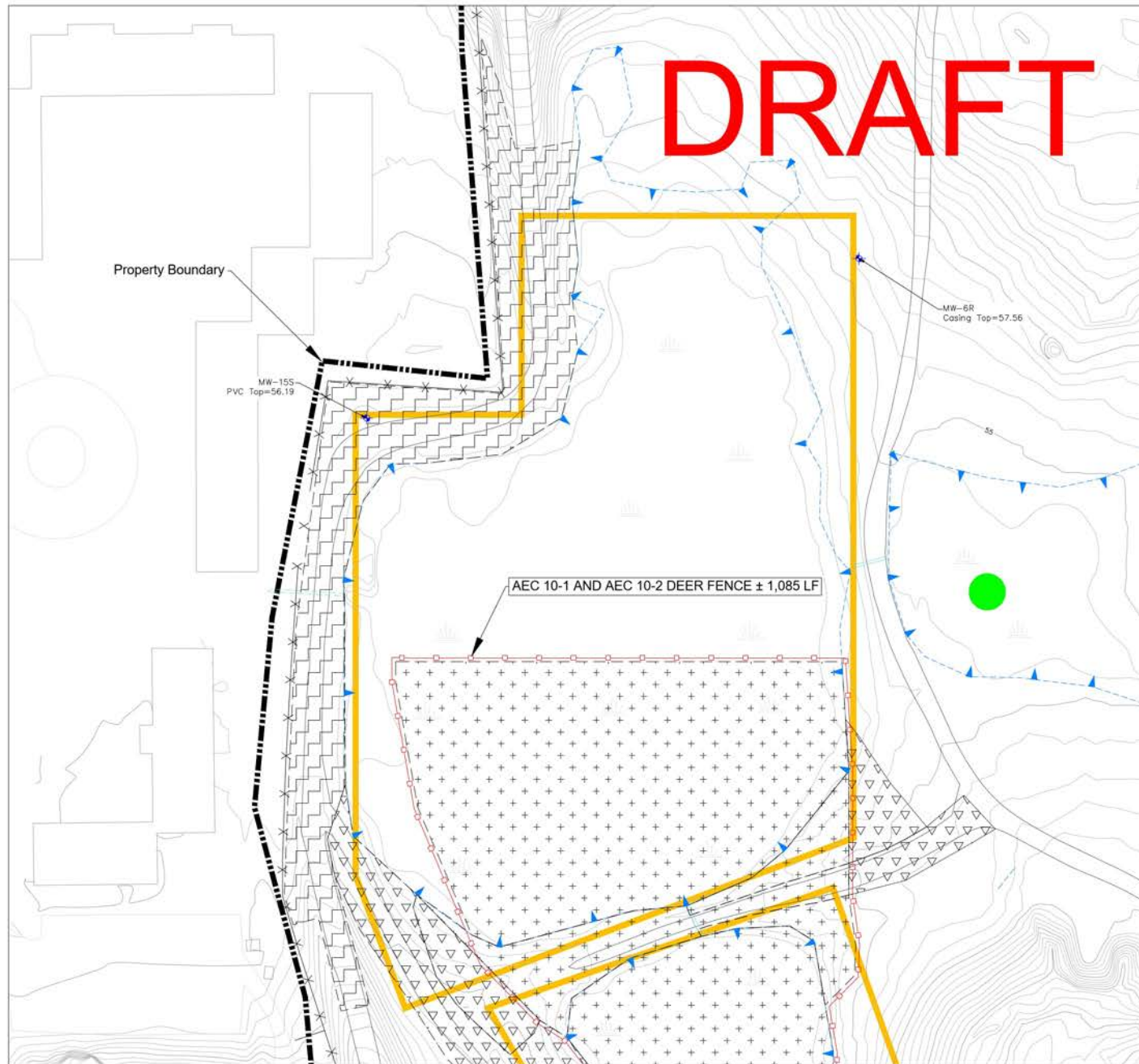
AEC 9-4 Restoration Plan

## SHEET NUMBER

C-10

**DRAFT**





# DRAFT

## LEGEND

- WETLANDS
- VERNAL POOL LOCATION (historical)
- STREAMS
- PROPERTY BOUNDARY
- FENCE
- WETLAND AREA OF ENVIRONMENTAL CONCERN (AEC) BOUNDARY
- MONITORING WELL
- PROPOSED FORESTED WETLAND (PFO) RESTORATION
- PROPOSED RIPARIAN RESTORATION
- PROPOSED UPLAND RESTORATION
- PROPOSED DEER FENCE LOCATION

## AEC 10-1 Restoration Planting Plan

Common Name	Scientific Name	Qty	
		Upland	Wetland
Red Maple	<i>Acer rubrum</i>	15	20
Swamp White Oak	<i>Quercus bicolor</i>		15
Red Oak	<i>Quercus rubra</i>	6	
Yellow Poplar	<i>Liriodendron tulipifera</i>	10	
Swamp Poplar	<i>Populus heterophylla</i>		15
Gray Birch	<i>Betula populifolia</i>	11	15
Black Willow	<i>Salix nigra</i>		20
Highbush Blueberry	<i>Vaccinium corymbosum</i>	20	60
Tussock Sedge	<i>Carex stricta</i>		100
Common Rush	<i>Juncus effusus</i>		100

Note:  
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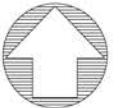
# AECOM

PROJECT  
WETLAND AEC  
CORRECTIVE MEASURES  
Lake Success Business Park  
Fairfield County  
615 Asylum Street  
Bridgeport, CT 06610

CLIENT  
DuPont Specialty Products USA, LLC

CONSULTANT  
AECOM  
248 Chapman Road  
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LOCATIONS REFER TO THE CONNECTICUT COORDINATE SYSTEM AND ALL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM (NAVD 83).



GRAPHIC SCALE IN FEET

## ISSUE/REVISION

IR	DATE	DESCRIPTION

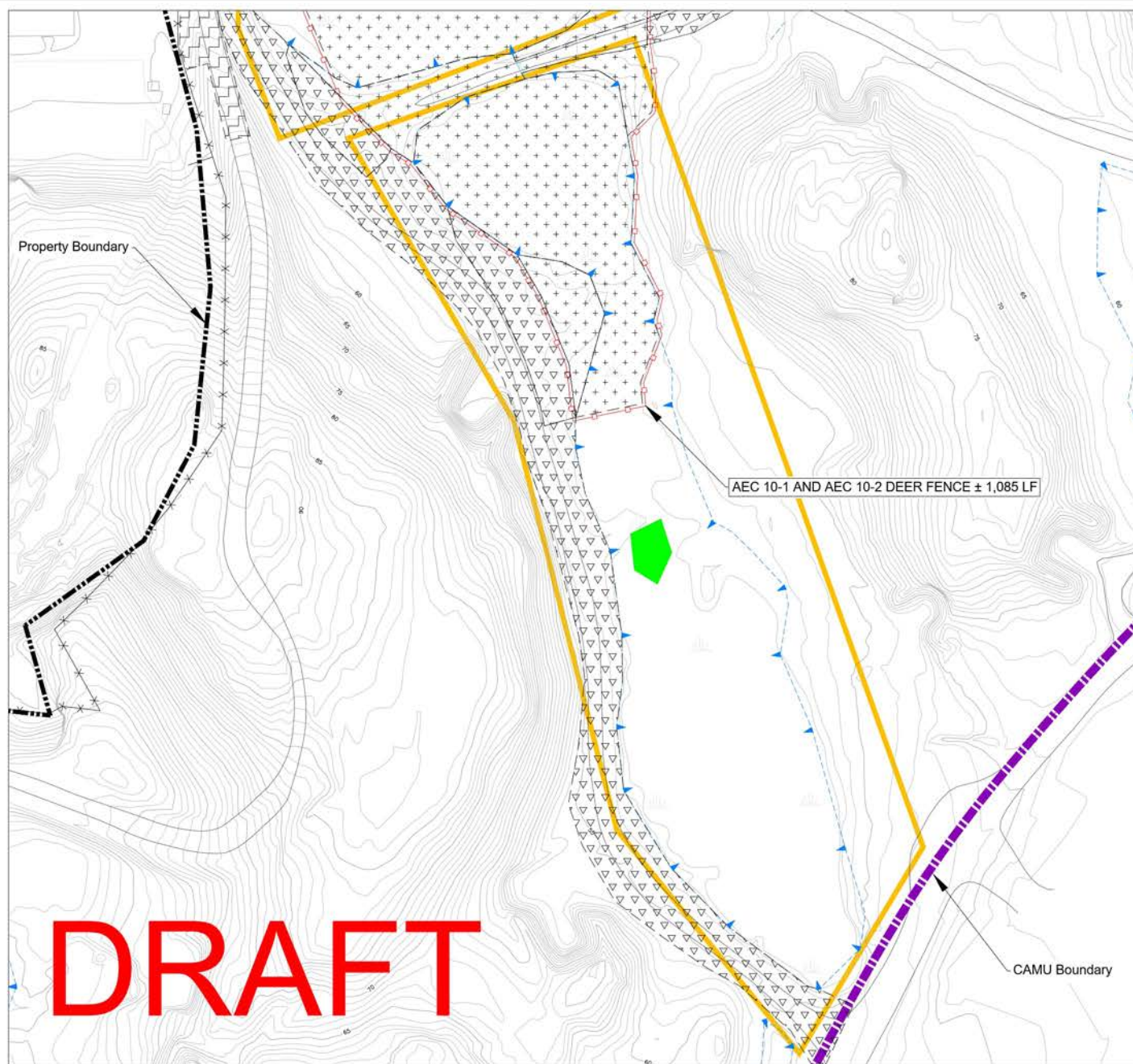
## KEY PLAN



PROJECT NUMBER  
AECOM: 60729082 / DuPont: 607797  
SHEET TITLE  
AEC 10-1 Restoration Plan

## SHEET NUMBER

C-11



**LEGEND**



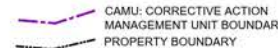
WETLANDS





VERNAL POOL LOCATION (2024)



## STREAMS



 CAMU: CORRECTIVE ACTION  
MANAGEMENT UNIT BOUNDARY  
 PROPERTY BOUNDARY



— FENCE

WETLAND AREA OF  
ENVIRONMENTAL CONCERN  
(AEC) BOUNDARY

PROPOSED FORESTED  
WETLAND (PFO) RESTORATION

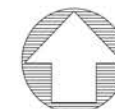
PROPOSED RIPARIAN RESTORATION

PROPOSED UPLAND  
RESTORATIONPROPOSED DEER FENCE  
LOCATION

## AEC 10-2 Restoration Planting Plan

Common Name	Scientific Name	Qty	
		Upland	Wetland
Red Maple	<i>Acer rubrum</i>	15	12
Swamp White Oak	<i>Quercus bicolor</i>		10
Red Oak	<i>Quercus rubra</i>	5	
Yellow Poplar	<i>Liriodendron tulipifera</i>	10	
Swamp Poplar	<i>Populus heterophylla</i>		10
Gray Birch	<i>Betula populifolia</i>	10	
Black Willow	<i>Salix nigra</i>		10
Highbush Blueberry	<i>Vaccinium corymbosum</i>	15	20
Tussock Sedge	<i>Carex stricta</i>		10
Common Rush	<i>Juncus effusus</i>	10	

Note:  
The final location of all plant material shall be determined in the field under the direction of the engineer or their representative.



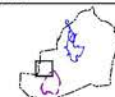
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GRAPHIC SCALE IN FEET

ISSUE/REVISION

LR	DATE	DESCRIPTION

### KEY PLAN



## PROJECT NUMBER

AECOM: 60729082 / DuPont: 607797

## SHEET TITLE

AEC 10-2 Restoration Plan

## SHEET NUMBER

C-12





C-13



PROPOSED DEER FENCE  
LOCATION

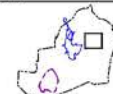
**Note:**  
The final location of all plant material shall be determined in the field under the direction of the engineer or their representative.



## ISSUE/REVISION

IR	DATE	DESCRIPTION

### KEY PLAN



## PROJECT NUMBER

AECOM: 60729082 / DuPont: 607797

**SHEET TITLE**

AEC 21 Restoration Plan

## SHEET NUMBER

C-14