



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-2017-00452-WPI
Issue Date: October 5, 2017
Expiration Date: November 5, 2017

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: Westchester County Department of Public Works
C/o Vincent Kopicki
148 Martine Ave
White Plains, New York 10601

ACTIVITY: The removal of approximately 10,878 cubic yards of accumulated sediment within a detention basin that has become a vegetated wetland (3.948 acres).

WATERWAY: Wetland Basin to the Blind Brook (Mianus River-Rippowam River Watershed)

LOCATION: Town of Harrison, North Castle, and Rye Brook, 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.

Comments submitted in response to this notice will be fully considered during the public interest

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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.

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act (Public Law 104-267), requires all Federal agencies to consult with the National Oceanic and Atmospheric Administration Fisheries Service (NOAA/FS) on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The proposed work, fully described in the attached work description, could cause the disruption of habitat for various lifestages of some EFH-designated species as a result of a temporary increase in turbidity during construction. However, the New York District has made the preliminary determination that the site-specific adverse effects are not likely to be substantial because it is expected that fish populations would avoid the small area of disturbance. Further consultation with NOAA/FS regarding EFH impacts and conservation recommendations being conducted and will be concluded prior to the final decision.

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.

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

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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.


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 Water Quality Certification

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 (917) 790-8520 and ask for Katherine Pijanowski.

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>.

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


for: Stephan A. Ryba
Chief, Regulatory Branch

Enclosures

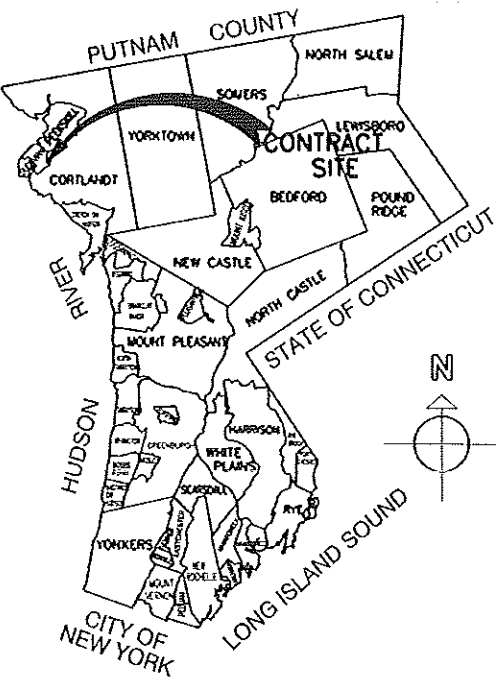
WORK DESCRIPTION

The applicant, Westchester County Department of Public Works, has requested Department of the Army authorization for the removal of material within wetlands contained in a detention basin which is hydrologically connected to the Blind Brook, Town of Harrison, North Castle, and Rye Brook, Westchester County, New York.

The work would involve the removal of approximately 10,878 cubic yards of accumulated sediment within a detention basin that has become a vegetated non-tidal wetland (3.948 acres). Sediment will be removed to elevation 356 by using a CAT 326 long reach excavator. The applicant proposes to temporarily dewater and stockpile the excavated material onsite at an approved upland location. The applicant proposes to use best management practices such as silt fencing, and there is no return flow to the waterway.

The current vegetation consists of soft-stem bulrush (*Schoenoplectus tabernaemontani*) and narrow-leaved cattail (*Typha angustifolia*). After the removal of material, the applicant proposes to re-establish wetland plantings along the embankments and within the detention basin. The bottom of the detention basin will be replanted with narrow-leaved cattail and soft stem bulrush, spaced 18-inches on-center, and the embankment will be seeded with native grasses for erosion control.

The stated purpose of this project is to remove accumulated sediments from Detention Basin B to obtain original grades and storm water capacity.

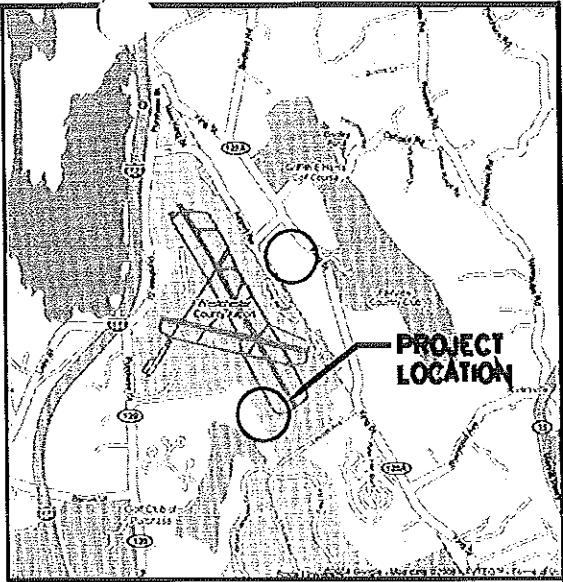


WESTCHESTER COUNTY



WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

CONTRACT No. 16-208
MAINTENANCE DREDGING FOR
DETENTION BASIN B
WESTCHESTER COUNTY AIRPORT
HARRISON, N. CASTLE, AND RYE BROOK, NEW YORK



LOCATION MAP
SCALE: N.T.S.

SHEET NO.	SHEET TITLE	DPW FILE NO.
1 of 10	TITLE SHEET AND LIST OF DRAWINGS	48-02-T-759
2 of 10	GENERAL NOTES	48-02-G-760
3 of 10	GENERAL NOTES AND LIST OF ITEMS	48-02-G-761
4 of 10	CONTRACTOR ACCESS PLAN	48-02-G-762
5 of 10	DETENTION BASIN B GRADING PLAN	48-02-G-763
6 of 10	DETENTION BASIN B CUT AREAS	48-02-G-764
7 of 10	DISPOSAL AREA GRADING PLAN	48-02-G-765
8 of 10	SECTIONS	48-02-G-766
9 of 10	EROSION AND SEDIMENT CONTROL PLAN	48-02-G-767
10 of 10	MISCELLANEOUS DETAILS	48-02-G-768

USACE FILE NO.
NAN-2017-00452-WPI
SHEET 1 OF 9

IN CHARGE OF J. ANTONACCIO, R.A.
CHECKED BY P.J. ABENAVOLI, P.E.
MADE BY J. DEAN, P.E.

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED				
<input type="checkbox"/> AS BUILT - NO CHANGES				
CONTRACTOR		PROJECT COORDINATOR		
NAME	SIGNATURE	NAME	SIGNATURE	DATE
TITLE	DATE	TITLE	DATE	DATE
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING				CONTRACT NUMBER 16-208 SHEET NUMBER 1 SHEET NO. 1 OF 9
MAINTENANCE DREDGING OF DETENTION BASIN B WESTCHESTER COUNTY AIRPORT HARRISON, N. CASTLE, AND RYE BROOK, NEW YORK TITLE SHEET AND LIST OF DRAWINGS				SCALE: N/A DATE: OCTOBER 21, 2016 DPW FILE NO. 48-02-T-759 0

GENERAL NOTES

1. THE CONTRACTOR IS ENCOURAGED TO PERSONALLY INSPECT ALL AREAS OF PROPOSED WORK IN ORDER TO ENSURE THAT HE IS FAMILIAR WITH THE PHYSICAL LAYOUT OF THE AREA AND THE REQUIREMENTS OF THE WORK.
2. THE CONTRACTOR SHALL RESTORE EXISTING LAWNS, DRIVEWAYS, SIDEWALKS, CURBS, LANDSCAPING, CULVERTS, SIGNS AND OTHER PROPERTY DAMAGED OR REMOVED, THAT ARE NOT PART OF WORK BEING PERFORMED UNDER THIS CONTRACT, TO AT LEAST AS GOOD A CONDITION AS BEFORE BEING DISTURBED AS DETERMINED BY THE ENGINEER. ANY DAMAGED TREES, SHRUBS, AND/OR HEDGES, NOT PART OF WORK BEING DONE UNDER THIS CONTRACT, SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
3. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIRED PERMITS.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING AND THE MAINTENANCE OF SURFACE DRAINAGE DURING THE COURSE OF WORK.
5. MAINTAIN FLOW FOR ALL EXISTING UTILITIES, CULVERTS, AND DITCHES. ANY DAMAGES SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.
6. ALL PROPOSED WORK MAY BE VARIED IN THE FIELD BY THE ENGINEER TO MEET EXISTING CONDITIONS.
7. UPON COMPLETION OF THE WORK, ALL DISTURBED AREAS SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THAT WHICH EXISTED PRIOR TO CONSTRUCTION.
8. DISTURBED AREAS SHALL BE RESTORED AS WORK PROGRESSES AS DEEMED APPROPRIATE BY THE ENGINEER.
9. ALL CONSTRUCTION STAKEOUT IS THE RESPONSIBILITY OF THE CONTRACTOR.
10. THE EXCLUSION OF SUBSURFACE INFORMATION SHALL NOT RELIEVE THE CONTRACTOR OF HIS OBLIGATION TO MAKE A THOROUGH INVESTIGATION OF SURFACE AND SUBSURFACE CONDITIONS. NEITHER ADDITIONAL PAYMENT NOR EXTENSION OF TIME WILL BE MADE TO THE CONTRACTOR BECAUSE OF CONDITIONS ENCOUNTERED IN THE FIELD.
11. CONTRACTOR SHALL MAINTAIN ALL INGRESS AND EGRESS TO AIRPORT FACILITIES TO THE BEST OF HIS ABILITIES DURING CONSTRUCTION.
12. MATERIALS, EQUIPMENT AND VEHICLES ARE TO BE CONFINED TO DESIGNATED STAGING AREAS WHEN NOT IN USE.
13. THE CONTRACTOR SHALL INFORM THE ENGINEER IN WRITING OF ANY EXISTING CONDITIONS THAT VARY FROM THOSE SHOWN ON PLANS.
14. THERE SHALL BE NO CLAIM AGAINST THE COUNTY MADE BY THE CONTRACTOR FOR WORK PERTAINING TO MODIFICATIONS AS MAY BE REQUIRED DUE TO DIFFERENCES BETWEEN ACTUAL FIELD CONDITIONS AND THOSE SHOWN ON THE DETAILS AND DIMENSIONS ON THE CONTRACT PLANS. THE CONTRACTOR WILL BE PAID AT THE UNIT PRICE BID FOR ACTUAL QUANTITIES OF MATERIALS USED WITHIN THE EXCAVATION OR PAY LIMITS SHOWN OR FOR THE WORK PERFORMED AS INDICATED BY THE VARIOUS ITEMS IN THE CONTRACT.
15. ALL WORK OF THIS CONTRACT SHALL CONFORM TO THESE CONTRACT DRAWINGS AND SPECIFICATIONS AS WELL AS TO THE APPLICABLE REQUIREMENTS OF THE AIRPORT MANAGEMENT AND THE WESTCHESTER COUNTY DEPARTMENT OF PUBLIC WORKS.
16. THE CONTRACTOR SHALL GIVE THE AIRPORT AT LEAST 24 HOURS NOTICE SO THAT ARRANGEMENTS CAN BE MADE TO AVOID USE OF SPECIFIC WORK AREAS. CONTRACTOR SHALL SUBMIT TO THE OWNER GENERAL PLAN FOR PHASING THE WORK IN ORDER TO MINIMIZE DISRUPTION TO NORMAL AIRPORT OPERATIONS.
17. UNPAVED AREAS WITHIN THE WORK LIMITS AND ALL OTHER AREAS DISTURBED DURING CONSTRUCTION ARE TO BE TOPSOILED AND SEEDS AS SPECIFIED, UNLESS OTHERWISE LANDSCAPED. THE CONTRACTOR SHALL WATER AND MAINTAIN THE SEEDS AREAS UNTIL THE TURF HAS BECOME WELL ESTABLISHED.
18. UNLESS SPECIFICALLY SHOWN OR DIRECTED TO BE REMOVED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING AGAINST DAMAGE TO ANY EXISTING TREES OR SHRUBS ADJACENT TO THE AREA OF HIS/HER CONSTRUCTION OPERATIONS. ANY SUCH PLANT MATERIAL NOT SO PROTECTED AND MAINTAINED SHALL BE REPLACED WITH NEW PLANT MATERIAL AT THE BEGINNING OF THE FIRST GROWING SEASON WHICH FOLLOWS, AT NO ADDITIONAL COST TO THE COUNTY.
19. SOIL EROSION AND SEDIMENT CONTROL DURING CONSTRUCTION SHALL CONFORM TO THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION & SEDIMENT CONTROL (2005). EROSION AND SEDIMENT CONTROL DURING CONSTRUCTION SHALL INCLUDE THE USE OF INLET PROTECTION, SILT FENCE, STRAW BALE SEDIMENT BARRIER, SOIL STOCKPILE, AND STABILIZED CONSTRUCTION ENTRANCE DETAILED ON THE EROSION CONTROL PLANS. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO DISTURBANCE OF EXISTING GRADE. CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED ON A DAILY BASIS TO ENSURE THAT TEMPORARY AND PERMANENT DITCHES, PIPES AND STRUCTURES ARE CLEAR OF DEBRIS, THAT EMBANKMENTS AND BERMS HAVE NOT BEEN BREACHED AND THAT ALL HAY BALES AND SILT FENCES ARE INTACT. SPRINKLER TANK TRUCKS SHALL BE USED TO CONTROL FUGITIVE DUST.
20. DURING THE COURSE OF THE WORK, THE CONTRACTOR SHALL MAINTAIN AN ACCURATE RECORD OF ANY AND ALL CHANGES RELATED TO FIELD CONDITIONS UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL FILE WITH THE COUNTY A COMPLETE SET OF

IN CHARGE OF J. ANTONACCIO, R.A.
CHECKED BY P.J. ABENAVOLI, P.E.
MADE BY J. DEAN, P.E.

- "AS BUILT" DRAWINGS SHOWING AND LOCATING ALL FEATURES OF THE WORK AS ACTUALLY INSTALLED.
21. MATERIALS AND EQUIPMENT MAY BE STORED DURING CONSTRUCTION IN THE DESIGNATED STAGING AREA(S). IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO GRADE AND PREPARE THE STAGING AREA(S) TO BE SUITABLE FOR STORING HIS EQUIPMENT AND MATERIALS. NO EQUIPMENT IS TO BE LEFT ON THE AIRPORT UNATTENDED UNLESS IT IS IN THE STAGING AREA(S) OR UNLESS THE CONTRACTOR RECEIVES PRIOR WRITTEN APPROVAL FROM THE ENGINEER.
22. CONSTRUCTION DURING THE PROJECT MAY BE HALTED AT ANY TIME BY THE AIRPORT AUTHORITY, IF IT IS DETERMINED TO BE IN THE BEST INTEREST OF AIRPORT OPERATIONS OR SAFETY.

AIRPORT OPERATION NOTES

1. THE PLANS SHOW ABOVE-GROUND STRUCTURES AND/OR BELOW-GROUND UTILITIES BELIEVED TO EXIST IN THE WORK AREA. EXACT LOCATION OF THESE STRUCTURES MAY VARY FROM THE LOCATIONS INDICATED. THE CONTRACTOR IS WARNED THAT THE EXACT OR EVEN APPROXIMATE LOCATIONS OF PIPELINES, SUBSURFACE STRUCTURES AND/OR UTILITIES IN THE PROJECT AREA ARE NOT WARRANTED TO BE ACCURATE. THE CONTRACTOR SHALL LOCATE ALL UTILITIES WITHIN THE PROJECT AREA PRIOR TO COMMENCING WORK. CONTRACTOR SHALL VERIFY THE LOCATION OF UTILITIES EACH AND EVERY TIME WORK OCCURS IN A SPECIFIC AREA.
2. THE CONTRACTOR SHALL COMPLY WITH FAA ADVISORY CIRCULAR (AC) 150/5370-2E, THE PROJECT SPECIFICATIONS, AND THE PLANS FOR GUIDANCE ON OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION. ALL DEBRIS DEPOSITED ON ANY AIRPORT PAVEMENT SHALL BE REMOVED CONTINUOUSLY DURING THE COURSE OF WORK. THE CONTRACTOR MUST HAVE ONE (1) VACUUM SWEEPER ON SITE AT ALL TIMES IN ACCORDANCE WITH THE SPECIFICATIONS TO ASSIST IN THE DEBRIS REMOVAL FROM ANCILLARY AREAS DISTURBED BY CONSTRUCTION. ALL DEBRIS COLLECTED BY THE VACUUM SWEEPERS SHALL BE DUMPED INTO A CONSTRUCTION DUMPSTER AND DISPOSED OF OFF-SITE ON A DAILY BASIS BY THE CONTRACTOR. IN ADDITION, THE CONTRACTOR MUST TAKE ALL NECESSARY PRECAUTIONS TO PREVENT MATERIALS FROM ESCAPING FROM THE WORK AND/OR STOCKPILE AREAS. THIS WORK SHALL BE PAID FOR UNDER ITEM 619.01, BASIC MAINTENANCE AND PROTECTION OF TRAFFIC.
3. THE CONTRACTOR WILL BE PROVIDED ACCESS TO THE SITE BY THE AIRPORT PERSONNEL WITH WHOM THE CONTRACTOR SHALL FULLY COOPERATE. THE CONTRACTOR SHALL COMPLY WITH REQUIREMENTS WITH RESPECT TO AIRPORT SECURITY, AND ANY OTHER SECURITY REQUIREMENTS ESTABLISHED BY THE AIRPORT MANAGER.
4. THE AIRPORT WILL PROVIDE PERSONNEL TO MAN THE ENTRY AND EXIT GATES ON TO AIRPORT PROPERTY FOR SECURITY REASONS.
5. THE CONTRACTOR SHALL CONFINE HIS ACTIVITIES TO THE WORK AREAS SHOWN ON THE PLANS AND SHALL LIMIT HIS TRAVEL TO AND FROM THE WORK SITE TO THE HAUL ROUTE(S) SHOWN ON DWG 5, CS-1. ALL CONSTRUCTION VEHICLE ACTIVITY IN THE AIR OPERATIONS AREA SHALL BE CONTROLLED BY RADIO CONTACT WITH AIR TRAFFIC CONTROL. NO WORK SHALL PROCEED WITHOUT THE APPROVAL OF THE ENGINEER AND NOTIFICATION OF THE CONTROL TOWER. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL ESCORTS AS IT RELATES TO THE CONSTRUCTION ACTIVITIES. THE PERSONNEL ASSIGNED TO ESCORT DUTIES SHALL BE EXCLUSIVE TO THIS OPERATIONAL DUTY. THE ESCORT PERSONNEL SHALL BE TRAINED AND QUALIFIED BY THE AIRPORT AT NO COST TO THE CONTRACTOR. CREWS SHALL BE ACCOMPANIED BY A VEHICLE EQUIPPED WITH TWO-WAY RADIOS THAT ARE CAPABLE OF COMMUNICATING WITH FAA GROUND CONTROL AND AIRPORT OPERATIONS WHEN WORK ZONES AND A STAGING AREA ARE SEPARATED BY AN ACTIVE RUNWAY. CROSSING OF THE RUNWAY BETWEEN WORK ZONES WILL NOT BE PERMITTED. ANY EMPLOYEE THAT LEAVES THE WORK SITE AND ENTERS AN UNAUTHORIZED OR RESTRICTED AREA WILL BE PERMANENTLY REMOVED FROM THE WORK SITE AND MAY BE PROSECUTED. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TOILET FACILITIES AT THE WORK SITE AND AT THE STAGING AREAS. ALL FOREIGN OBJECT DEBRIS (FOD) SHALL BE CONTROLLED BY THE CONTRACTOR, AS THIS CREATES A HAZARD TO AIRCRAFT OPERATIONS.
6. AS NEEDED, THE CONTRACTOR SHALL PROVIDE QUALIFIED FLAGGERS WHO ARE RESPONSIBLE FOR THE CONTROL OF MOVEMENT OF THE CONTRACTOR'S EQUIPMENT AND PERSONNEL ACROSS ACTIVE RUNWAYS AND TAXIWAYS. BETWEEN THE HOURS OF 7 AM AND 3:30 PM EDT, THE FLAGGERS SHALL MAINTAIN CONTACT WITH GROUND CONTROL VIA TWO-WAY RADIO. BETWEEN THE HOURS OF 11 PM AND 7 AM EDT, THEY SHALL MONITOR CONTROL TOWER AIR FREQUENCY (CTAF) VIA TWO-WAY RADIO. THE COST OF THIS WORK SHALL BE INCLUDED IN ITEM 619.01, BASIC MAINTENANCE AND PROTECTION OF TRAFFIC. ANY CLEARANCE GRANTED BY THE TOWER (GROUND CONTROL) MUST BE CONFIRMED BY THE DRIVER'S PERSONAL OBSERVATION THAT NO AIRCRAFT IS APPROACHING HIS POSITION. THE CONTRACTOR SHALL BE REQUIRED TO FURNISH A MINIMUM OF TWO (2) VEHICLES FOR LEADING THE CONTRACTOR'S EQUIPMENT AND VEHICLES ACROSS ACTIVE RUNWAYS AND TAXIWAYS. VEHICLES ARE TO BE EQUIPPED WITH RADIOS CAPABLE OF COMMUNICATIONS WITH THE AIR TRAFFIC CONTROL TOWER ON THE GROUND CONTROL FREQUENCY, AND SHALL BE OTHERWISE FURNISHED WITH LIGHTS AND

MARKINGS AS DESCRIBED IN ITEM 619.01, BASIC MAINTENANCE AND PROTECTION OF TRAFFIC. COST OF FURNISHING ESCORT VEHICLES SHALL BE INCLUDED IN ITEM 619.01, BASIC MAINTENANCE AND PROTECTION OF TRAFFIC.

7. THE CONTRACTOR SHALL BE REQUIRED TO FURNISH A MINIMUM OF THREE (3) RADIOS (ONE FOR THE ENGINEER AND 2 FOR THE INSPECTORS) FOR THE LIFE OF THE CONTRACT. THESE RADIOS SHALL BE PORTABLE, HAND-HELD WITH RECHARGEABLE BATTERIES AND BE CAPABLE OF SWITCHING FREQUENCIES TO MONITOR AIRPORT OPERATIONS AND GROUND CONTROL FREQUENCIES. THE RADIOS SHALL BECOME PROPERTY OF THE AIRPORT AT THE COMPLETION
- OF THE CONTRACT. THE CONTRACTOR SHALL FURNISH ANY ADDITIONAL RADIOS REQUIRED FOR HIS OWN USE. THE COST OF THE RADIOS SHALL BE INCLUDED IN ITEM 619.01, BASIC MAINTENANCE AND PROTECTION OF TRAFFIC.
8. A FOUR (4) HOUR TRAINING SESSION BY THE AIRPORT MANAGER WILL FOLLOW THE PRE- CONSTRUCTION MEETING AND BE REQUIRED FOR ALL FLAGGERS, PROJECT SUPERINTENDENT, ESCORT VEHICLE OPERATORS, PROJECT MANAGER AND RESPONSIBLE FOREMEN FOR CONTRACTOR AND SUBCONTRACTORS. ALL CONTRACTOR'S AND SUBCONTRACTORS' PERSONNEL SHALL BE TRAINED REGARDING THE IMPORTANCE OF FOLLOWING THE SPECIAL PROCEDURES OUTLINED IN THE SPECIAL NOTES, INSPECTION OF THE WORK AREA FOR COMPLIANCE WITH THE SPECIAL PROCEDURES, AND THE SAFE DISPOSAL OF TRASH. FLAGGERS SHALL BE TRAINED IN THE PROPER USE OF GROUND CONTROL RADIOS AND TERMINOLOGY. THE TRAINING WILL ALSO COVER ESCORT VEHICLES WITH VEHICLE-MOUNTED RADIOS.
9. ALL CONSTRUCTION ACTIVITIES MUST BE COMPLETED EACH WORK PERIOD ALLOWING ALL DESIGNATED AIRPORT FACILITIES TO BE OPEN FOR AIRPORT OPERATIONS AT THE SCHEDULED TIME OF COMPLETION. THE CONTRACTOR MUST COORDINATE ALL OF HIS ACTIVITIES AND ALSO ANY OF HIS SUBCONTRACTOR'S ACTIVITIES TO MEET HIS DEADLINE, IN ORDER TO COMPLY WITH THIS REQUIREMENT, AND UNLESS OTHERWISE DIRECTED BY THE ENGINEER, ALL SPECIFIED TEMPORARY OR FINAL MARKINGS MUST BE PLACED. ALL PAVEMENT SURFACES MUST BE COMPLETELY SWEEP AND FREE FROM DEBRIS. ALL SPECIFIED ELECTRICAL SYSTEMS MUST BE OPERATIONAL AND ALL APPROPRIATE BARRICADES MUST BE REMOVED. THE TEMPORARY OR FINAL MARKINGS ARE TO BE PLACED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. ALL CONTRACTORS' EQUIPMENT AND MATERIALS SHALL BE STORED WITHIN THE STAGING AREA.
10. ACTIVITIES PERFORMED BY THE CONTRACTOR REQUIRING THE USE OF CONSTRUCTION EQUIPMENT WITH A HEIGHT GREATER THAN 10 FEET SHALL BE COORDINATED WITH THE ENGINEER. STOCKPILED MATERIAL SHALL BE LOCATED WITHIN THE DESIGNATED STAGING AREAS AND ITS HEIGHT SHALL NOT EXCEED 10 FEET.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEVELOPMENT AND MAINTENANCE OF THE HAUL ROUTE(S) TO THE STAGING AREAS, WORK, OR STOCKPILE AREAS IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. THE NEW TEMPORARY CONSTRUCTION GATE ON LINCOLN AVENUE SHALL BE USED TO ACCESS THE CONSTRUCTION SITE AS SHOWN ON THE PLANS.
12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO GRADE AND PREPARE THE STAGING AREAS TO BE SUITABLE FOR STORING HIS EQUIPMENT AND MATERIALS. NO EQUIPMENT SHALL BE LEFT ON THE AIRPORT UNATTENDED UNLESS IT IS IN THE APPROPRIATE STAGING AREA, OR THE CONTRACTOR RECEIVES PRIOR APPROVAL FROM THE RPE. COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE FOR MOBILIZATION, ITEM W699.040001.
13. WITH A MINIMUM OF TWO (2) HOUR'S ADVANCE NOTICE, START OF A SCHEDULED WORK PERIOD MAY BE POSTPONED OR CANCELED BY THE AIRPORT ADMINISTRATION IF IT IS DETERMINED TO BE IN THE BEST INTEREST OF AIRPORT OPERATIONS OR SAFETY. IF NECESSARY, EXTENSIONS IN CONTRACT TIME WILL BE GRANTED OR A STOP WORK ORDER WILL BE ISSUED DUE TO THESE DELAYS. HOWEVER, THERE WILL BE NO ADJUSTMENTS IN CONTRACT PRICE DUE TO THESE DELAYS.
14. UNLESS OTHERWISE NOTED OR APPROVED BY THE ENGINEER, CONSTRUCTION WORK IS TO BE ACCOMPLISHED IN THE STAGES / PHASES AS SHOWN ON THE PLANS AND AS DESCRIBED IN THE SPECIFICATIONS.
15. ANY FINES ASSESSED TO WESTCHESTER COUNTY AIRPORT DUE TO VIOLATIONS BY THE CONTRACTOR OF FAA SECURITY REGULATIONS, NYSDEC, DEP, USEPA, POLLUTION REGULATION OR SAFETY REQUIREMENTS WILL BE PASSED ON TO THE CONTRACTOR.
16. CONTRACTOR MUST PROVIDE AN EMERGENCY CONTACT LIST WHICH LISTS NAMES AND TELEPHONE NUMBERS OF PERSONS ABLE TO RESPOND IMMEDIATELY TO THE CONSTRUCTION SITE.
17. CONTRACTOR SHALL DESIGNATE A PERSON AND TWO (2) BACKUP PEOPLE WHO CAN BE CONTACTED 24 HOURS A DAY IN THE EVENT OF AN EMERGENCY. THESE PEOPLE SHALL BE AUTHORIZED TO MAKE FIELD DECISIONS ON THE COMPANY'S BEHALF AND RESPOND WITHIN TWO (2) HOURS.
18. ALL CONTACT BETWEEN THE CONTRACTOR AND AIRPORT IS TO BE ROUTED THROUGH THE ENGINEER EXCEPT FOR OPERATIONAL CONTROL OF CONTRACTOR'S VEHICLES.

19. THE ENGINEER MAY CALL A JOB MEETING WITH THE CONTRACTOR UPON 24 HOURS (1 WORKING DAY) NOTICE. THE CONTRACTOR SHALL BE PREPARED TO DISCUSS THE SCHEDULE, QUALITY, AND THE COST OF ALL WORK PERFORMED ON THE PROJECT. IN THE CASE OF SUBCONTRACTED WORK, THE SUBCONTRACTOR(S) SHALL ATTEND THE MEETINGS ALONG WITH THE CONTRACTOR. THE CONTRACTOR SHALL REMAIN KNOWLEDGEABLE AND RESPONSIBLE FOR ALL SUBCONTRACTED ACTIVITIES.
20. THE LOCATIONS OF HAUL ROUTES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
21. THE CONTRACTOR MUST SUBMIT A PLAN FOR CONSTRUCTION SEQUENCING TO THE ENGINEER FOR REVIEW 30 DAYS PRIOR TO PERFORMING THE WORK. THE PLAN MUST INCLUDE ALL ACTIVITIES TO BE PERFORMED BY THE PRIME CONTRACTOR AND ALL SUBCONTRACTORS.
22. THE CONTRACTOR SHALL SUPPLY A MATERIALS LIST OF CHEMICALS TO BE USED OR STORED ON THE JOB SITE. THIS SHALL INCLUDE MATERIAL SAFETY DATA SHEETS (MSDS) AND DOCUMENTATION OF WORKER TRAINING. STORAGE OF FUEL OR CHEMICALS WITHOUT AN APPROVED CONTAINER WITH SECONDARY CONTAINMENT WILL NOT BE ALLOWED. ALL SPILLS ARE THE RESPONSIBILITY OF THE CONTRACTOR, AND MUST BE REPORTED IMMEDIATELY.
23. DURING THE CONSTRUCTION PERIOD, THE OWNER MAY PERFORM WORK WITH ITS OWN FORCES OR THOSE OF ANOTHER CONTRACTOR. IN THE EVENT THAT CONFLICTS IN SCHEDULING OR ACCESS OCCUR BETWEEN CONTRACTORS OR BETWEEN THE OWNER AND CONTRACTOR, THE OWNER SHALL BE THE SOLE JUDGE IN RESOLVING THE CONFLICT AND THE OWNER'S DECISION SHALL BE FINAL.
24. THE CONTRACTOR AND SUBCONTRACTORS SHALL HAVE ALL EMPLOYEES ATTEND AND COMPLETE THE REQUIRED AIRPORT ENVIRONMENTAL TRAINING PRIOR TO THE START OF CONSTRUCTION.
25. CONTRACTOR'S ACCESS TO THE AIRPORT FOR THIS PROJECT SHALL BE AS SHOWN ON DRAWING 4 OF 10. IN THE EVENT OF INCLEMENT WEATHER, AND AT ANY TIME THE RUNWAY 16-34 ILS IS IN USE, THE CONTRACTOR SHALL BE REQUIRED TO UTILIZE AN ALTERNATE GATE/ACCESS POINT. THIS SHALL NOT BE NEGOTIATED, AND SHALL BE AT THE DIRECTION OF THE AIRPORT MANAGER OR AIRPORT OPERATIONS. THE CONTRACTOR SHALL ANTICIPATE THE USE OF THE ALTERNATE ACCESS POINT A MINIMUM OF 30 CONSTRUCTION DAYS OVER THE COURSE OF THIS CONTRACT. THE AIRPORT MANAGER AND THE AIRPORT OPERATIONS MANAGER WILL MAKE THE DECISION REGARDING WHICH ALTERNATE ACCESS POINT WILL BE USED.
26. THE CONTRACTOR IS REFERRED TO THE CONTRACT SPECIFICATIONS GENERAL PROVISIONS PERTAINING TO REQUIRED PROCEDURES DURING CONSTRUCTION WITHIN THE DESIGNATED WORK AREAS, SPECIFICALLY WITH REGARD TO: GENERAL AIRPORT OPERATING REQUIREMENTS; SPECIFIC AIRPORT OPERATING REQUIREMENTS; OCCUPANCY AREAS; AND, SAFETY ON AIRPORTS DURING CONSTRUCTION ACTIVITY.
27. AT NO TIME SHALL EXCAVATED AREAS BE LEFT UNATTENDED UNLESS APPROPRIATE MARKING AND BARRICADING IS EMPLOYED.
28. AIRPORT OPERATIONS WILL STAFF ALL GATES FOR CONSTRUCTION EQUIPMENT AND PERSONNEL ACCESS. WHEN NOT STAFFED, ALL GATES WILL BE SECURELY LOCKED. NO OUTSIDE STAFF TO MAN THE GATES TO ACCESS AIRPORT PROPERTY.
29. IN INCLEMENT WEATHER, NO CONSTRUCTION ACTIVITIES ARE TO CONTINUE IN THE I.L.S. CRITICAL AREA AS DIRECTED BY THE AIRPORT OPERATIONS STAFF.
30. NOTICE TO AIRMEN (NOTAM) ON ALL CONSTRUCTION ACTIVITY WILL BE DIRECTED THROUGH THE ENGINEER AND ISSUED BY THE AIRPORT ADMINISTRATION.

USACE FILE NO.
NAN-2017-00452-WPI
SHEET 2 OF 9

				RECORD DRAWING CERTIFICATION				WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING				CONTRACT NUMBER 16-208	SHEET NUMBER 2
				<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES								SHEET NO. 2 OF 10	
				CONTRACTOR				PROJECT COORDINATOR				SCALE: AS SHOWN DATE: OCTOBER 21, 2016	
				NAME _____ SIGNATURE _____ TITLE _____				NAME _____ SIGNATURE _____ TITLE _____				DPW FILE NO. 48-02-G-760	
				DATE _____				DATE _____				REV. NO. 0	
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION									

SURVEY NOTE (ITEM 625.01):

1. THE QUANTITY AS INDICATED ON THE PROPOSAL PAGES OF THE SPECIFICATION FOR ITEM 203.02 AND W203.03 ARE APPROXIMATE. THE CONTRACTOR SHALL RETAIN THE SERVICES OF A LICENSED NEW YORK STATE LAND SURVEYOR OR PROFESSIONAL ENGINEER TO CERTIFY THAT PROPOSED QUANTITIES ARE NOT EXCEEDED. A SURVEY OF EXISTING CONDITIONS PRIOR TO SOIL DEPOSITION AND A FINAL SURVEY BASED ON NEW ELEVATIONS SHALL BE PROVIDED TO THE ENGINEER FOR REVIEW AND APPROVAL. IN ADDITION, THE CONTRACTOR SHALL PROVIDE COMPUTATIONS PREPARED BY EITHER THE LICENSED LAND SURVEYOR OR NEW YORK STATE PROFESSIONAL ENGINEER INDICATING THE ACTUAL QUANTITIES FOR EXCAVATION AND FILL BASED ON EXISTING/PROPOSED CONDITIONS TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO FINAL PAYMENT OF SPECIFIED ITEMS. NOTE THAT THE CONTRACTOR WILL NOT RECEIVE PAYMENT FOR EXCAVATION OR FILL QUANTITIES BEYOND THE QUANTITIES AS INDICATED ON THE PROPOSAL PAGES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

2. PROVIDE TOPOGRAPHICAL SURVEY OF FINAL CONDITION OF BASIN 'B'. SURVEY IS TO SHOW BOTTOM OF DETENTION BASINS, EMBANKMENTS, WEIR STRUCTURES, INVERTS AND SIZE & LOCATION OF DRAINAGE PIPES, TOP ELEVATIONS & INVERTS OF WEIRS. SURVEY MUST SHOW ONE FOOT CONTOURS AND BE IN COUNTY CONTROL DATUM AND COORDINATE SYSTEM, WHICH WILL BE PROVIDED BY THE COUNTY. SURVEYOR SHALL ALSO SUPPLY ELECTRONIC VERSION OF THE SURVEY IN THE LATEST AUTOCAD FORMAT.

WORK COORDINATION WITH WESTCHESTER COUNTY AIRPORT
STORMWATER MANAGEMENT UPGRADE
CONTRACT NO. 16-504

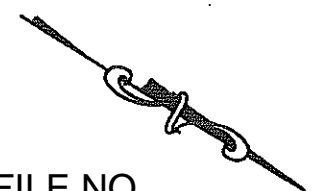
CONTRACTOR SHALL NOTE THAT COMMON WORK AREAS, ACCESS ROADS, ETC EXIST FOR CONTRACT WORK PERFORMED SIMULTANEOUSLY. THE CONTRACTOR SHALL COORDINATE HIS ACTIVITIES WITH THOSE PERFORMED ON THE OTHER CONTRACT SO THAT WORK IS COMPLETED IN A TIMELY MANNER.

ITEM NO.	DESCRIPTION	UNIT	Unit Words	QUANTITY
201.06	CLEARING AND GRUBBING	LS	Lump Sum	1
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	C.Y.	Cubic Yard	10,000
W203.03	SPECIAL EMBANKMENT IN PLACE	C.Y.	Cubic Yard	10,000
209.1202	STRAWBALE DIKE-TEMPORARY	LF	Linear Foot	300
209.13	SLT FENCE-TEMPORARY	LF	Linear Foot	1,300
209.1801	ROLLED EROSION CONTROL PRODUCT, CLASS I TYPE A, SHORT TERM	SY	Square Yard	3,000
209.22	CONSTRUCTION ENTRANCE	SY	Square Yard	250
W607.4067	DOUBLE-LEAF SWING GATE, 20' OPENING	EA	Each	1
610.1402	TOPSOIL - ROADSIDE	CY	Cubic Yard	350
610.1601	TURF ESTABLISHMENT	SY	Square Yard	11,000
W610.1601	SPECIAL TURF ESTABLISHMENT	SY	Square Yard	3,000
W611.0817	SOFT STEM BULRUSH (SCHOENOPLECTUS TABERNAEMONTANI), 2" PLUG IN 1 QUART POT	EA	Each	25,800
W611.0818	NARROW-LEAVED CATTAIL (TYPHA ANGUSTIFOLIA), 2" PLUG IN 1 QUART POT	EA	Each	25,800
08615.0402	TREE/VEGETATION PROTECTION BARRIER	LF	Linear Foot	3,000
619.01	BASIC WORK ZONE TRAFFIC CONTROL	L.S.	Lump Sum	1
625.01	SURVEY AND STAKEOUT	L.S.	Lump Sum	1
W699.020001	MOBILIZATION	L.S.	Lump Sum	1
W699.040002	CONTRACT BONDS AND INSURANCE	L.S.	Lump Sum	1
W800	MISCELLANEOUS ADDITIONAL WORK	F.L.S.	Fixed Lump Sum	1
W851	TESTING OF MATERIALS AND FIELD TESTING EQUIPMENT	F.L.S.	Fixed Lump Sum	1

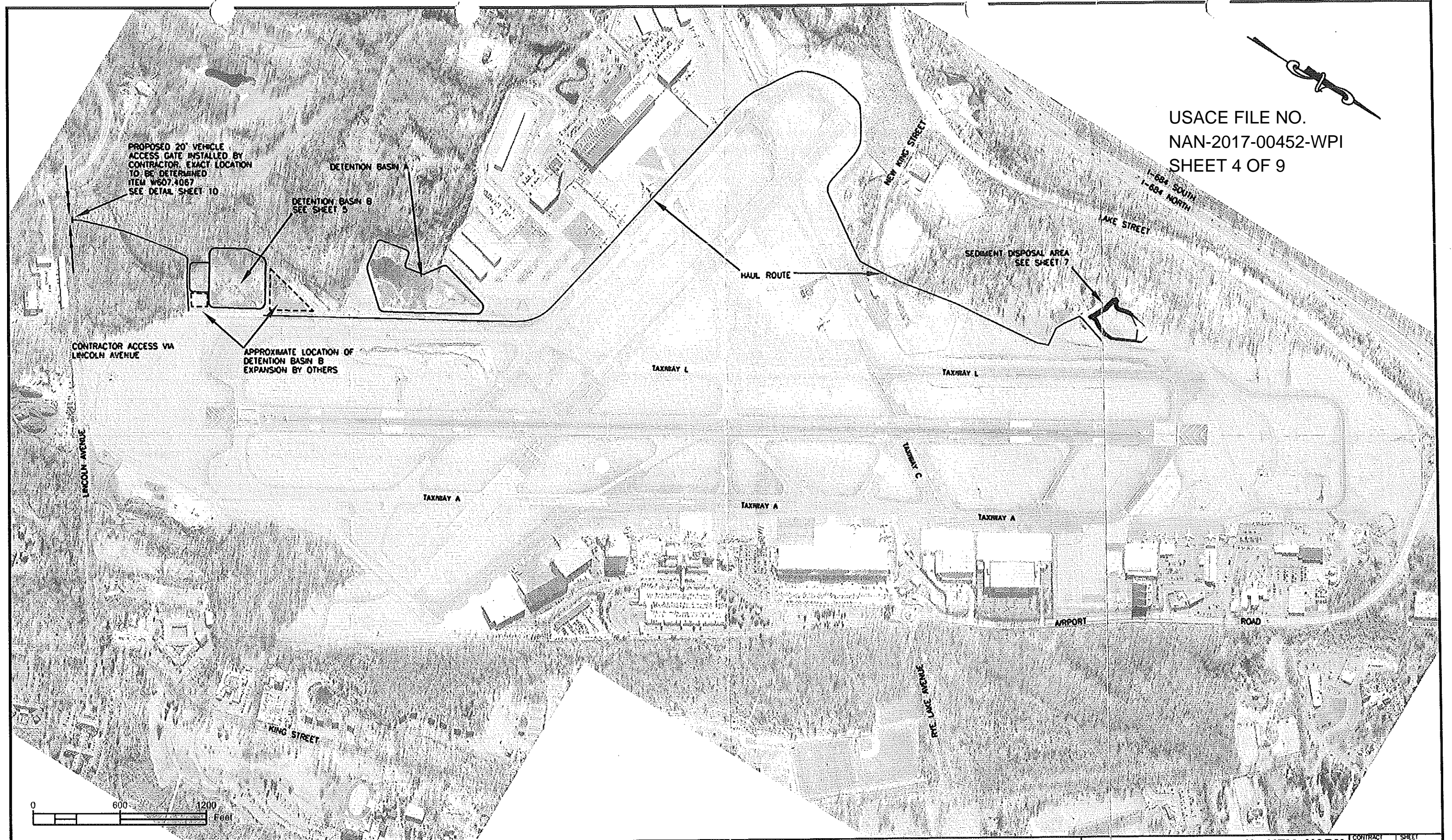
USACE FILE NO.
NAN-2017-00452-WPI
SHEET 3 OF 9

IN CHARGE OF J. ANTONACCIO, R.A.
CHECKED BY P.J. ABENAVOLI, P.E.
MADE BY J. DEAN, P.E.

				RECORD DRAWING CERTIFICATION		WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 16-208	SHEET NUMBER 3
				<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES				SHEET NO. 3 OF 10	
				CONTRACTOR		PROJECT COORDINATOR		SCALE: AS SHOWN DATE: OCTOBER 21, 2016	
				NAME _____ SIGNATURE _____ TITLE _____		NAME _____ SIGNATURE _____ TITLE _____		DATE: _____	
						MAINTENANCE DREDGING FOR WESTCHESTER COUNTY AIRPORT HARRISON, N. CASTLE, AND RYE BROOK, NEW YORK GENERAL NOTES AND LIST OF ITEMS		REV. NO. 0	
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION				48-02-G-761	



USACE FILE NO.
NAN-2017-00452-WPI
SHEET 4 OF 9



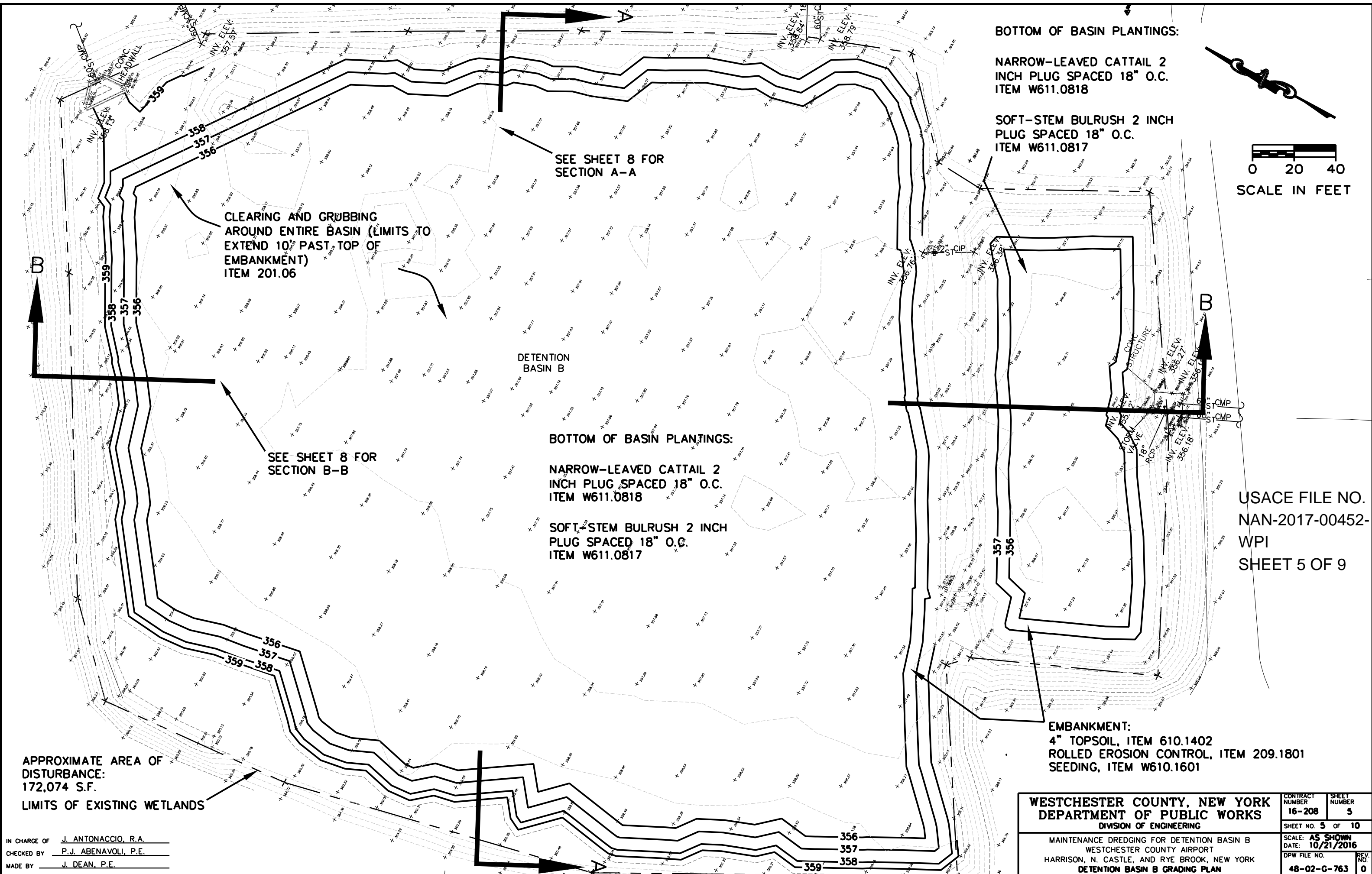
IN CHARGE OF J. ANTONACCIO, R.A.
CHECKED BY P.J. ABENAVOLI, P.E.
MADE BY J. DEAN, P.E.

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
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CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
DATE _____	DATE _____	DATE _____	DATE _____

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING
MAINTENANCE DREDGING FOR DETENTION BASIN B
WESTCHESTER COUNTY AIRPORT
HARRISON, N. CASTLE, AND RYE BROOK, NEW YORK
CONTRACTOR ACCESS PLAN

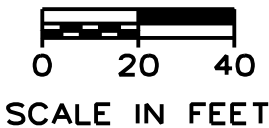
CONTRACT NUMBER 16-208	SHEET NUMBER 4
SHEET NO. 4 OF 10	
SCALE: AS SHOWN	
DATE: OCTOBER 21, 2016	
DPW FILE NO. 48-02-G-762	REV. NO. 0



BOTTOM OF BASIN PLANTINGS:

NARROW-LEAVED CATTAIL 2
INCH PLUG SPACED 18" O.C.
ITEM W611.0818

SOFT-STEM BULRUSH 2 INCH
PLUG SPACED 18" O.C.
ITEM W611.0817



SEE SHEET 8 FOR
SECTION A-A

CLEARING AND GRUBBING
AROUND ENTIRE BASIN (LIMITS TO
EXTEND 10' PAST TOP OF
EMBANKMENT)
ITEM 201.06

SEE SHEET 8 FOR
SECTION B-B

BOTTOM OF BASIN PLANTINGS:

NARROW-LEAVED CATTAIL 2
INCH PLUG SPACED 18" O.C.
ITEM W611.0818

SOFT-STEM BULRUSH 2 INCH
PLUG SPACED 18" O.C.
ITEM W611.0817

USACE FILE NO.
NAN-2017-00452-
WPI
SHEET 5 OF 9

EMBANKMENT:
4" TOPSOIL, ITEM 610.1402
ROLLED EROSION CONTROL, ITEM 209.1801
SEEDING, ITEM W610.1601

APPROXIMATE AREA OF
DISTURBANCE:
172,074 S.F.
LIMITS OF EXISTING WETLANDS

IN CHARGE OF J. ANTONACCIO, R.A.
CHECKED BY P.J. ABENAVOLI, P.E.
MADE BY J. DEAN, P.E.

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING
MAINTENANCE DREDGING FOR DETENTION BASIN B
WESTCHESTER COUNTY AIRPORT
HARRISON, N. CASTLE, AND RYE BROOK, NEW YORK
DETENTION BASIN B GRADING PLAN

CONTRACT NUMBER	SHEET NUMBER
16-208	5
SHEET NO. 5 OF 10	
SCALE: AS SHOWN	
DATE: 10/21/2016	
DPW FILE NO.	REV. NO.
48-02-G-763	0

IN CHARGE OF J. ANTONACCIO, R.A.
CHECKED BY P.J. ABENAVOLI, P.E.
MADE BY J. DEAN, P.E.

LIMITS OF EXISTING WETLANDS



Elevations Table				
Number	Minimum Elevation	Maximum Elevation	Area	C.Y.
1	-3.65	-3.50	545.36	1.19
2	-3.50	-3.00	7663.33	65.53
3	-3.00	-2.50	16170.92	296.57
4	-2.50	-2.00	29691.46	703.63
5	-2.00	-1.00	76781.97	3399.52
6	-1.00	0.00	23619.24	5871.92
TOTAL:			10878.36	

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING

MAINTENANCE DREDGING FOR DETENTION BASIN B
WESTCHESTER COUNTY AIRPORT
HARRISON, N. CASTLE, AND RYE BROOK, NEW YORK
DETENTION BASIN B CUT AREAS

CONTRACT NUMBER
16-208

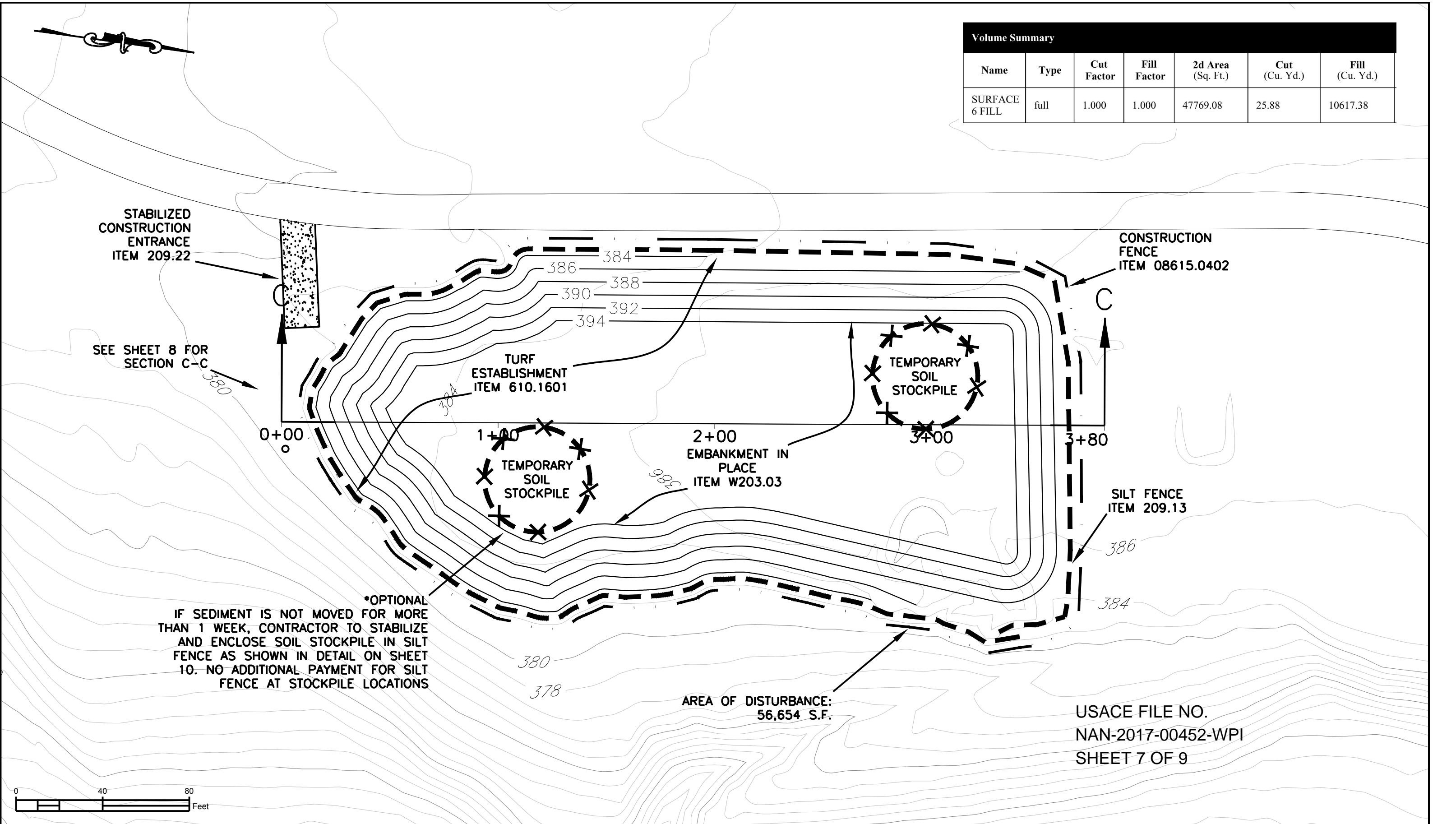
SHEET NUMBER
6 OF 10

SCALE: AS SHOWN
DATE: 10/21/2016

DPW FILE NO.
48-02-C-764

USACE FILE NO.
NAN-2017-00452-WPI
SHEET 6 OF 9

Volume Summary						
Name	Type	Cut Factor	Fill Factor	2d Area (Sq. Ft.)	Cut (Cu. Yd.)	Fill (Cu. Yd.)
SURFACE 6 FILL	full	1.000	1.000	47769.08	25.88	10617.38

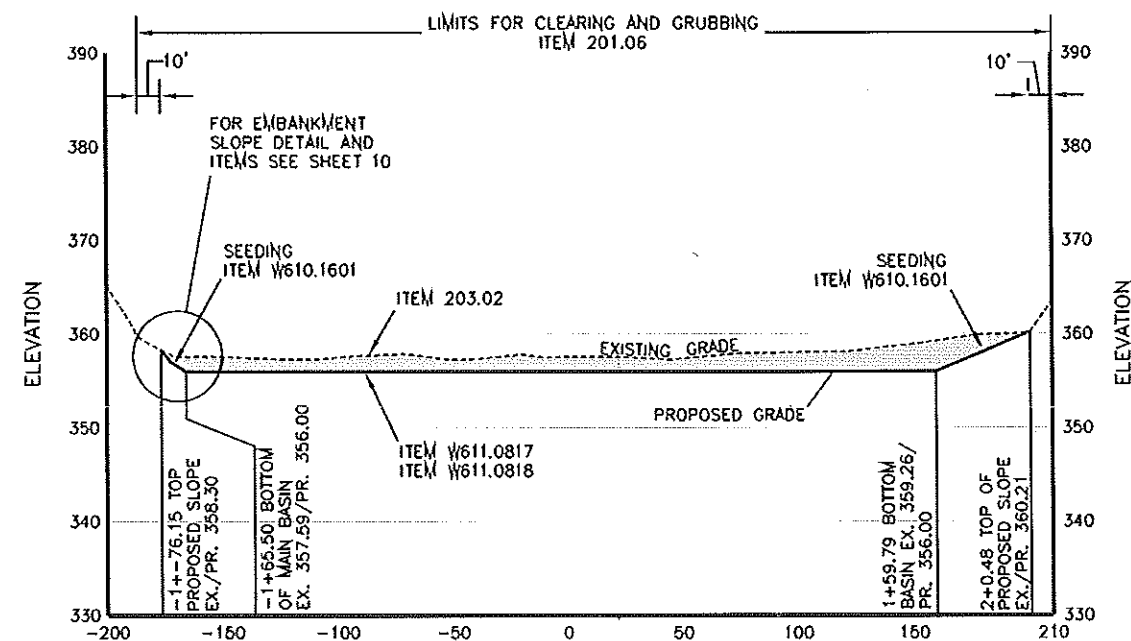


IN CHARGE OF J. ANTONACCIO, R.A.
CHECKED BY P.J. ABENAVOLI, P.E.
MADE BY J. DEAN, P.E.

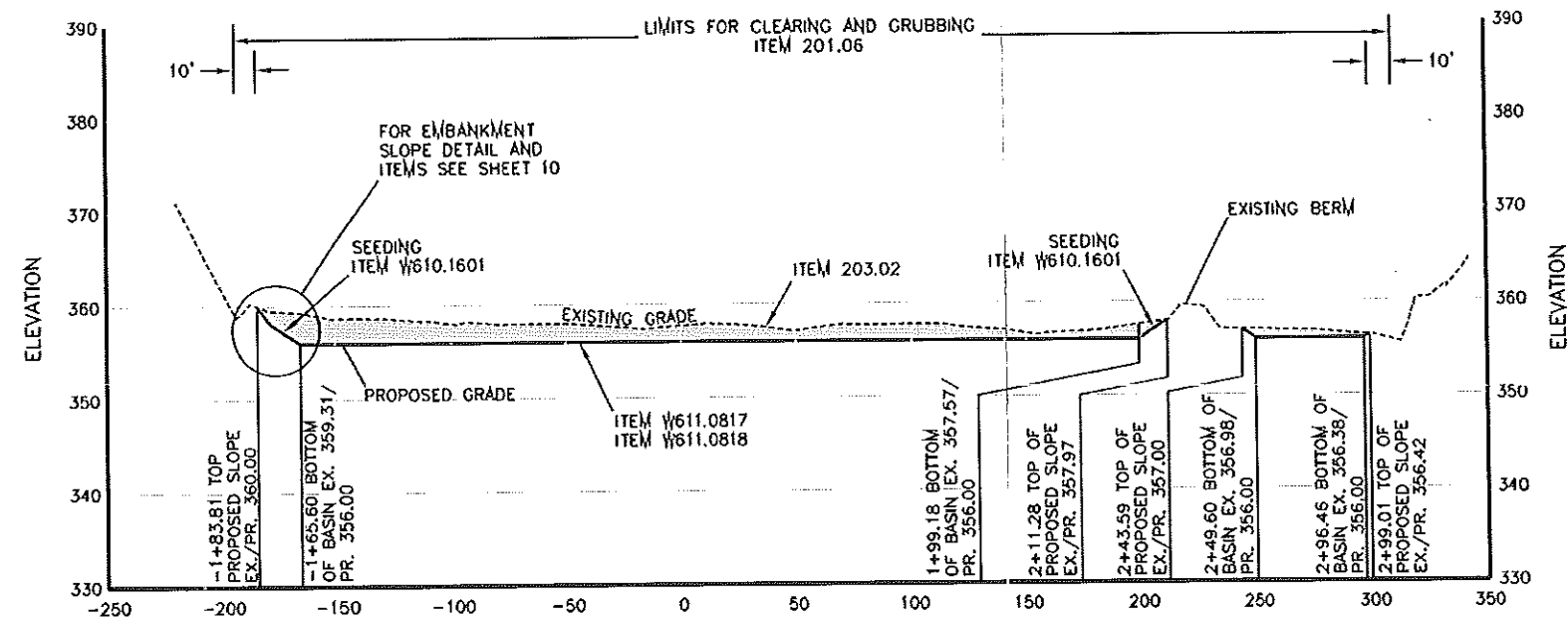
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
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CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	
DATE		DATE	

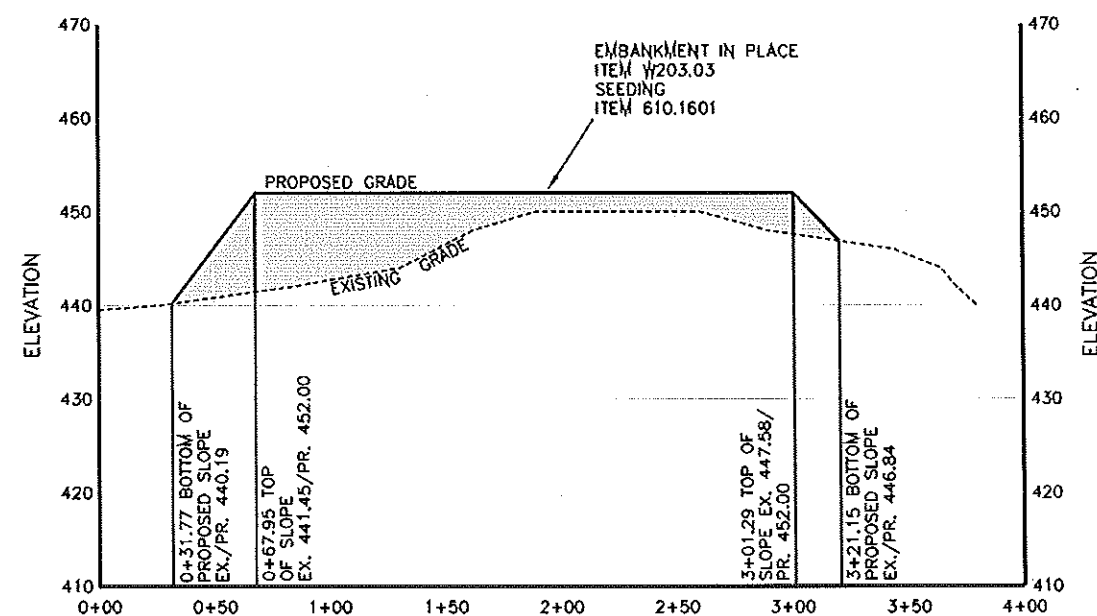
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING		CONTRACT NUMBER 16-208	SHEET NUMBER 7
MAINTENANCE DREDGING FOR DETENTION BASIN B WESTCHESTER COUNTY AIRPORT HARRISON, N. CASTLE, AND RYE BROOK, NEW YORK DISPOSAL AREA GRADING PLAN		SHEET NO. 7 OF 10 SCALE: AS SHOWN DATE: 10/21/2016 DPW FILE NO. 48-02-G-765	
		REV. NO.	1



SECTION A-A
HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=10'



SECTION B-B
HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=10'



SECTION C-C
HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=10'

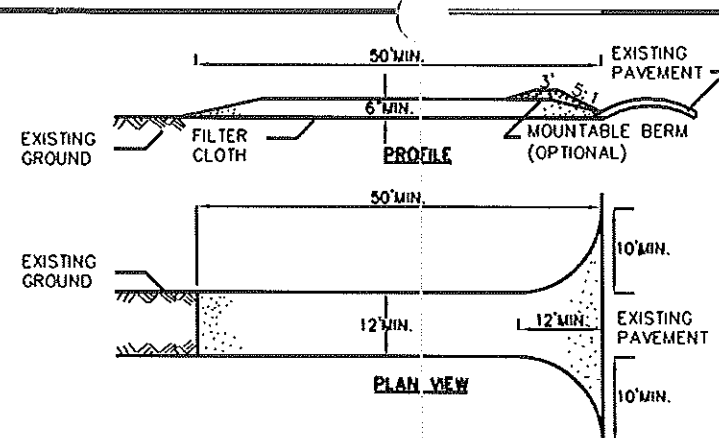
USACE FILE NO.
NAN-2017-00452-WPI
SHEET 8 OF 9

IN CHARGE OF J. ANTONACCIO, R.A.
CHECKED BY P.J. ABENAYOLI, P.E.
MADE BY J. DEAN, P.E.

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	
DATE		DATE	

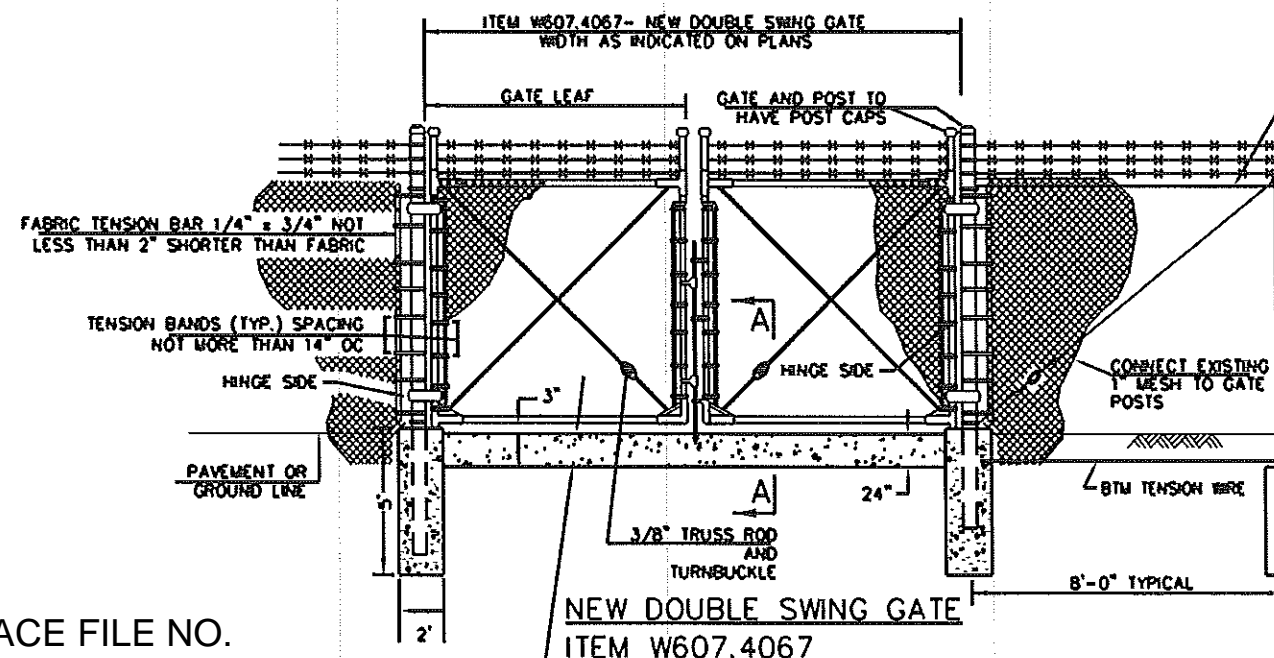
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		16-208	8
DIVISION OF ENGINEERING		SHEET NO. 8 OF 10	
MAINTENANCE DREDGING FOR WESTCHESTER COUNTY AIRPORT		SCALE: AS SHOWN	
HARRISON, N. CASTLE, AND RYE BROOK, NEW YORK		DATE: OCTOBER 21, 2016	
SECTIONS		DPW FILE NO.	REV. NO.
		48-02-G-766	0



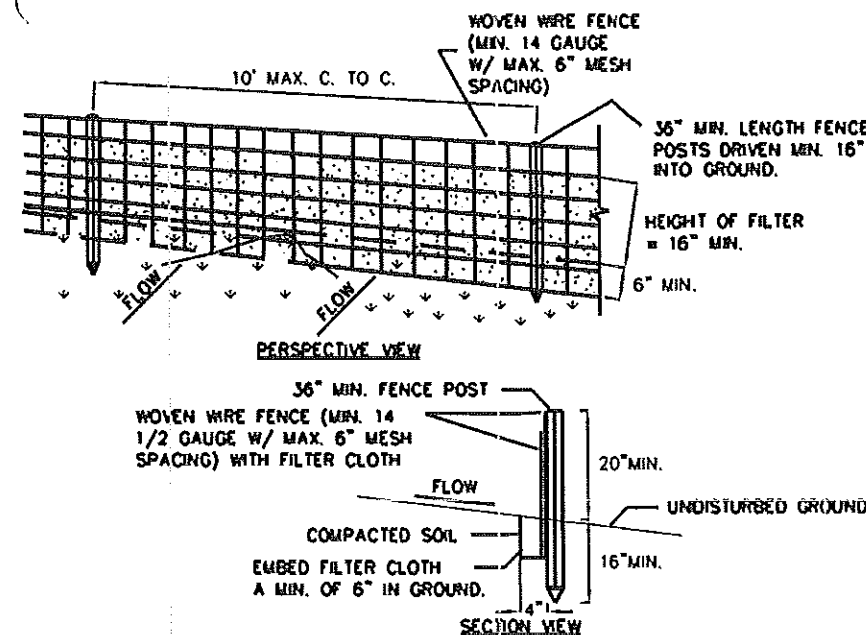
CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE 1-4 INCH STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. 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.
5. GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. 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 TRACED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE ITEM 209.22



NEW DOUBLE SWING GATE ITEM W607.4067



CONSTRUCTION SPECIFICATIONS

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "I" 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, 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, MIRAFI 100X, STABILINKA T140H, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOTAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

SILT FENCE ITEM 209.13

TOP TENSION WIRE

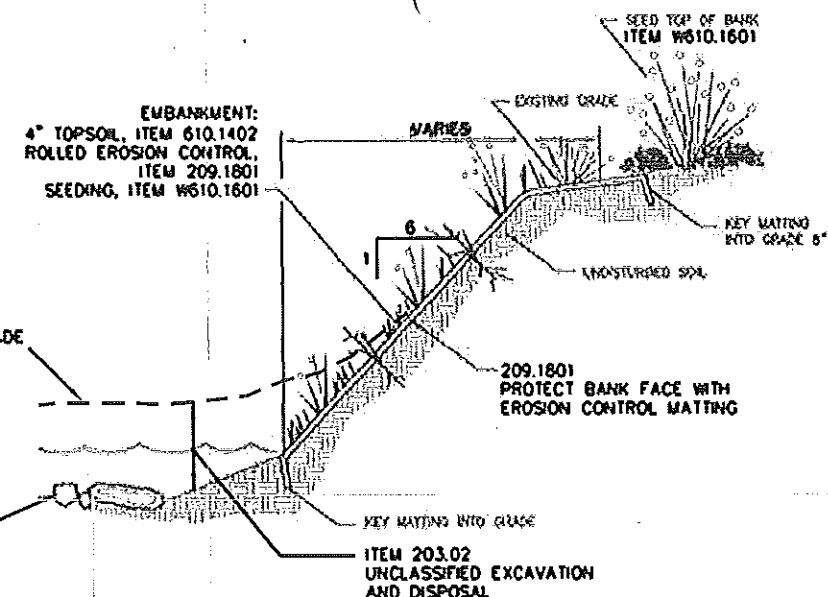
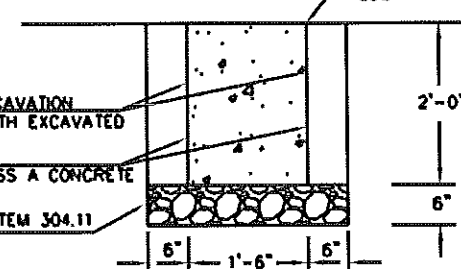
LINE POST, CORNER POSTS OR END POST. SEE POST SCHEDULE

NOTE:
EXISTING GATE AND ADJACENT FENCING TO BE REMOVED AND FENCING RESET FOR INSTALLATION OF NEW 20' GATE (INCLUDE UNDER ITEM W607.4067)

*ITEM 203.02, EXCAVATION
LIMITS BACKFILL WITH EXCAVATED MATERIAL
*ITEM 535.0105, CLASS A CONCRETE
*6" ITEM 304.11

* TO BE INCLUDED AND PAID FOR UNDER ITEM W607.4067

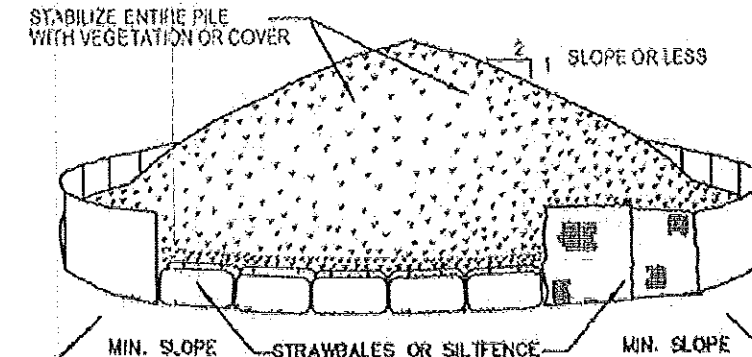
FLUSH WITH ADJACENT SURFACE



NOTES:

1. AREAS SUBJECT TO STABILIZATION TO BE SEEDED PER THE FOLLOWING:
EASTERN ECOTYPE NATIVE GRASS MIX, ERNMX-177 @ 15 POUNDS PER ACRE.
THREE-WAY RYEGRASS MIX, ERNMX-149 @ 50 POUNDS PER ACRE.
2. SEEDS TO BE SOWN SEPARATELY TO THOROUGHLY INTERSPERSE THEM ALONG THE EMBANKMENTS.
3. DUE TO THE STEEP SLOPE OF THE EMBANKMENTS, A BIODEGRADABLE MESH BLANKET OR STRAW MULCH COVERED WITH BIODEGRADABLE NETTING SHOULD BE INSTALLED OVER THE FINE-RAKED AND SEEDED EMBANKMENTS.

BANK RESTORATION DETAIL



INSTALLATION NOTES

1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVERED.
4. AREA CHOSEN TO BE APPROVED BY OWNER.

SOIL STOCKPILING SCALE: N.T.S.

USACE FILE NO.

NAN-2017-00452-W

SHEET 9 OF 9

IN CHARGE OF J. ANTONACCIO, R.A.
CHECKED BY P.J. ABENAVOLI, P.E.
MADE BY J. DEAN, P.E.

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

- ☐ AS BUILT - CHANGES AS NOTED
☐ AS BUILT - NO CHANGES

CONTRACTOR

PROJECT COORDINATOR

NAME
SIGNATURE
TITLE

NAME
SIGNATURE
TITLE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING

MAINTENANCE DREDGING FOR DETENTION BASIN B
WESTCHESTER COUNTY AIRPORT
HARRISON, N. CASTLE, AND RYE BROOK, NEW YORK
MISCELLANEOUS DETAILS

CONTRACT NUMBER	SHEET NUMBER
16-208	10
SHEET NO. 10 OF 10	
SCALE: AS SHOWN	
DATE: 10/21/2016	
DPW FILE NO.	REV. NO.
48-02-G-768	0