

PUBLIC NOTICE

U.S. Army Corps
of Engineers

New York District, CENAN-OP-RU

Upstate Regulatory Field Office

1 Buffington Street, Bldg. 10, 3rd Fl. North

Watervliet, New York 12189-4000

In replying refer to:

Public Notice Number: NAN-2021-00948-UDA

Issue Date: May 24, 2022

Expiration Date: June 23, 2022

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 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S. C. 1344).

APPLICANT: Albany Port District Commission
106 Smith Boulevard
Albany, New York 12202

ACTIVITY: The discharge of fill material into 0.81 acres of waters of the United States, including wetlands; dredging with upland disposal and 10-year maintenance dredging; and the construction of a new wharf, a new bridge, a warehouse and manufacturing facility with attendant features. The project would expand the Port of Albany to facilitate the manufacturing and transport of offshore wind components.

WATERWAYS: Hudson River and Normans Kill

LOCATION: City of Albany and Town of Bethlehem, Albany 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 SENT VIA ELECTRONIC MAIL TO Andrew.C.Dangler@usace.army.mil , OR PREPARED IN WRITING AND MAILED TO THE ATTENTION OF ANDREW DANGLER AT THE ABOVE ADDRESS, TO REACH THIS OFFICE BY THE EXPIRATION DATE OF THIS NOTICE, otherwise, it will be presumed that there are no objections to the activity. Due to COVID-19, and the limited in-office mail processing procedures, it is highly recommended that comments be sent by Electronic Mail only to prevent delays.

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.

The preliminary determination is that the activity for which authorization is sought herein may affect, but is not likely to adversely affect the Federally listed the Atlantic and Shortnose sturgeon or their critical habitat. Pursuant to Section 7 of the Endangered Species Act (16 U.S.C. 1531), the District Engineer is consulting with the appropriate Federal agencies to determine the project's potential to impact these listed species or their critical habitat. In addition, the District Engineer has completed consultation with the U.S. Fish and Wildlife Service with regards to the project's potential to impact the Federally listed Northern long-eared bat. The District Engineer has determined that the proposed project may affect, but is not likely to adversely affect, the Northern long-eared bat.

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 is 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 known sites eligible for, or included in, the Register within the permit area. Therefore, consultation with the N.Y.S. Office of Parks, Recreation and Historic Preservation (SHPO) and Tribal Historic Preservation Office (THPO) regarding potential effects to archaeological and/or historic resources has been initiated and will be concluded prior to the final decision.

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

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.

In addition to any required water quality certificate and coastal zone management program concurrence, the applicant has obtained or requested the following governmental authorization for the activity under consideration:

New York State Department of Environmental Conservation:

- Air State Facilities Permit
- State Pollutant Discharge Elimination System (SPDES) Permits
- State Wastewater Permit
- State Stormwater Permit
- Incidental Take (Endangered/Threatened Species Permit)

Town of Bethlehem:

- Site Plan Approval
- Floodplain Development Permit
- MS4 Acceptance from Town Engineering Department
- Area Variances from Zoning Board of Appeals
- Building Permit

City of Albany:

- Building Permit
- Site Plan Approval

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

It is requested that you communicate the foregoing information concerning the activity to any persons known by you to be interested and who did not receive a copy of this notice. If you have any questions concerning this application, you may contact at: Andrew.D.Dangler@usace.army.mil.

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



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

Enclosures

WORK DESCRIPTION

The applicant, the Albany Port District Commission, has requested Department of the Army authorization to conduct dredging, with ten (10) years maintenance, and upland disposal; the construction of a new manufacturing and warehouse facility including utilities and other attendant features; the construction of a new wharf; and the construction of a new bridge over the Normans Kill. The project site is located along the western bank of the Hudson River, in the City of Albany and Town of Bethlehem, Albany County, New York.

The proposed work includes dredging of approximately 80,000 cubic yards (CY) of sediment from an area within the Hudson River measuring approximately 2.62 acres to a depth of 32 feet below the plane of mean low water (MLW), with approximately two (2) feet of allowable over-dredge, to 34 feet MLW. This dredging would occur in the Hudson River in front of the proposed new wharf construction and the warehouse and manufacturing facilities and would be conducted adjacent to the federal navigation channel. The proposed dredging would be conducted immediately adjacent to the federal navigation channel. As proposed, the dredging would impact approximately 0.21-acres of submerged aquatic vegetation. The dredging would be accomplished by a barge-mounted crane with a closed clamshell bucket to reduce the production of suspended sediments within the water column. In addition, a weighted turbidity curtain would be installed during the dredging operation to minimize turbidity. The applicant proposes to conduct two (2) additional dredging events within the ten-year maintenance dredging period, removing a maximum of approximately 30,000 CY per event from within the same dredging area.

The dredged material would be loaded into dredge scows or barges, transported by tugs, and offloaded into the designated and authorized site utilizing a hydraulic or mechanical unloader, or other similar equipment. The handling, dewatering and disposal of the dredged material would be managed as per the New York State Department of Environmental Conservation regulatory standards and pursuant to the conditions of any permits issued for the project.

Five new warehouse and manufacturing buildings totaling approximately 626,014 SF square feet and associated attendant features including roadways, parking areas, utilities, an approximately 822 linear foot retaining wall, a wastewater treatment facility, stormwater management features and associated treated runoff outfalls to the Hudson River would be constructed. The construction of the warehouse and manufacturing buildings and attendant features would require the discharge of fill material into total of 0.81-acre of wetlands, comprised of approximately 0.30-acre of palustrine emergent wetland and 0.51-acre of palustrine forested wetland, respectively. In addition, a maximum of 0.33-acre of palustrine forested wetland would be permanently converted to an emergent wetland to facilitate the construction of the new buildings and attendant features. An 18-inch diameter water intake pipe and associated screening is proposed to be installed within the Hudson River.

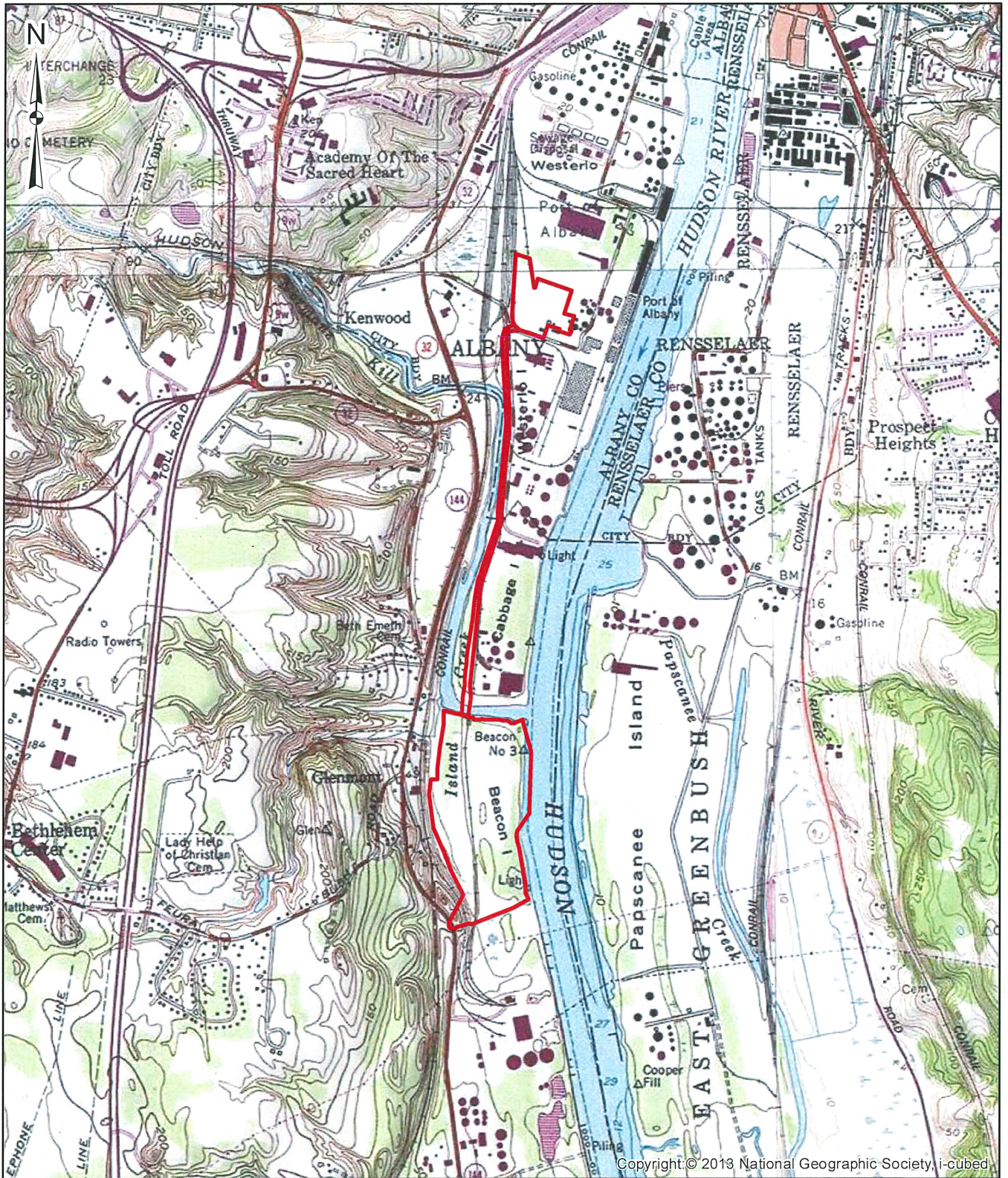
A new, 500 foot long, 93 foot wide, wharf would be constructed along the west bank of the Hudson River. The wharf would consist of a heavy stone slope revetment, a high-modulus steel sheet pile cutoff wall, and a drilled shaft supported open wharf and relieving platform. The total area of the wharf is approximately 45,500 square feet (SF). The area of the wharf provided over water is approximately 27,500 SF. The entire ballasted wharf deck is located above the mean high water (MHW) elevation.

Structures and fill that would be installed below mean high high water (MHHW) elevation are limited to the 136, 48-inch diameter drilled shaft foundations with permanent steel casing, and approximately 1,162 CY of rip rap. Approximately 263 CY of rip rap would be placed below MHW elevation. The permanent steel casing for the drilled shaft foundations and the sheet pile wall components would be vibrated in, rather than utilizing an impact hammer. An impact hammer would be used only to seat the steel casing within the first few inches in the top of rock.

In addition, a new, 3-span bridge would be constructed over the Normans Kill channel to connect Beacon Island and 700 Smith Boulevard. The bridge would be constructed on two (2) reinforced concrete drilled shafts. Both shafts would be located outside of the mean high water line and floodway of the river. A maximum of 0.04-acre of palustrine emergent wetland would be permanently impacted to facilitate the construction of the shaft that would be located on the northern side of the Normans Kill.

The applicant has stated that they have avoided, minimized, and mitigated for potential impacts proposed to the maximum extent practicable by limiting the proposed work area to the minimum area required for safe and reasonable operation at the Port of Albany. All potential temporary impacts would be offset by implementing best management practices associated with the proposed dredging including the use of a weighted turbidity curtain, a closed clamshell environmental bucket, conducting the in-water work between September 1st through January 31st, and restoring temporarily impacted aquatic resources to pre-construction contours and conditions upon completion of the construction activities. Additional best management practices to minimize acoustic impacts associated with the project would include the use of a vibratory hammer and a bubble curtain. To compensate for the proposed permanent impacts, including the 0.33-acre wetland conversion impacts, the applicant is proposing to purchase 1.46 credits from an approved In-Lieu Fee Mitigation Program. In addition, the applicant proposes the preservation of a 2.87-acre riparian buffer along approximately 1,700 linear feet of Hudson River shoreline by securing a restrictive covenant on the land.

The applicant's stated purpose of the proposed action is to generate economic development for the region and accommodate future growth and to support New York State in achieving its renewable energy goals by providing additional port infrastructure, building space, cargo, and wharf capacity necessary for the manufacturing and distribution of wind turbine components.



Legend

Project Site

Notes:

- 1) Project boundary is approximate
- 2) All areas are approximate

PORT OF ALBANY DEVELOPMENT
TOWN OF BETHLEHEM, ALBANY COUNTY, NEW YORK

USGS TOPOGRAPHIC MAP

SCALE:
AS SHOWN

DATE:
JULY 2021

FIGURE:
2-1

 **McFarland Johnson**

PROJECT MILESTONE
PERMIT SKETCHES

[illegible]

CLIENT:	ALBANY PORT DISTRICT COMMISSION
PROJECT:	ALBANY, NEW YORK PORT OF ALBANY EXPANSION SITE

DRAWN	NSO
DESIGNED	NSO
CHECKED	AJF
SCALE	1"=150'
DATE	MAY 2022
PROJECT	18641.00



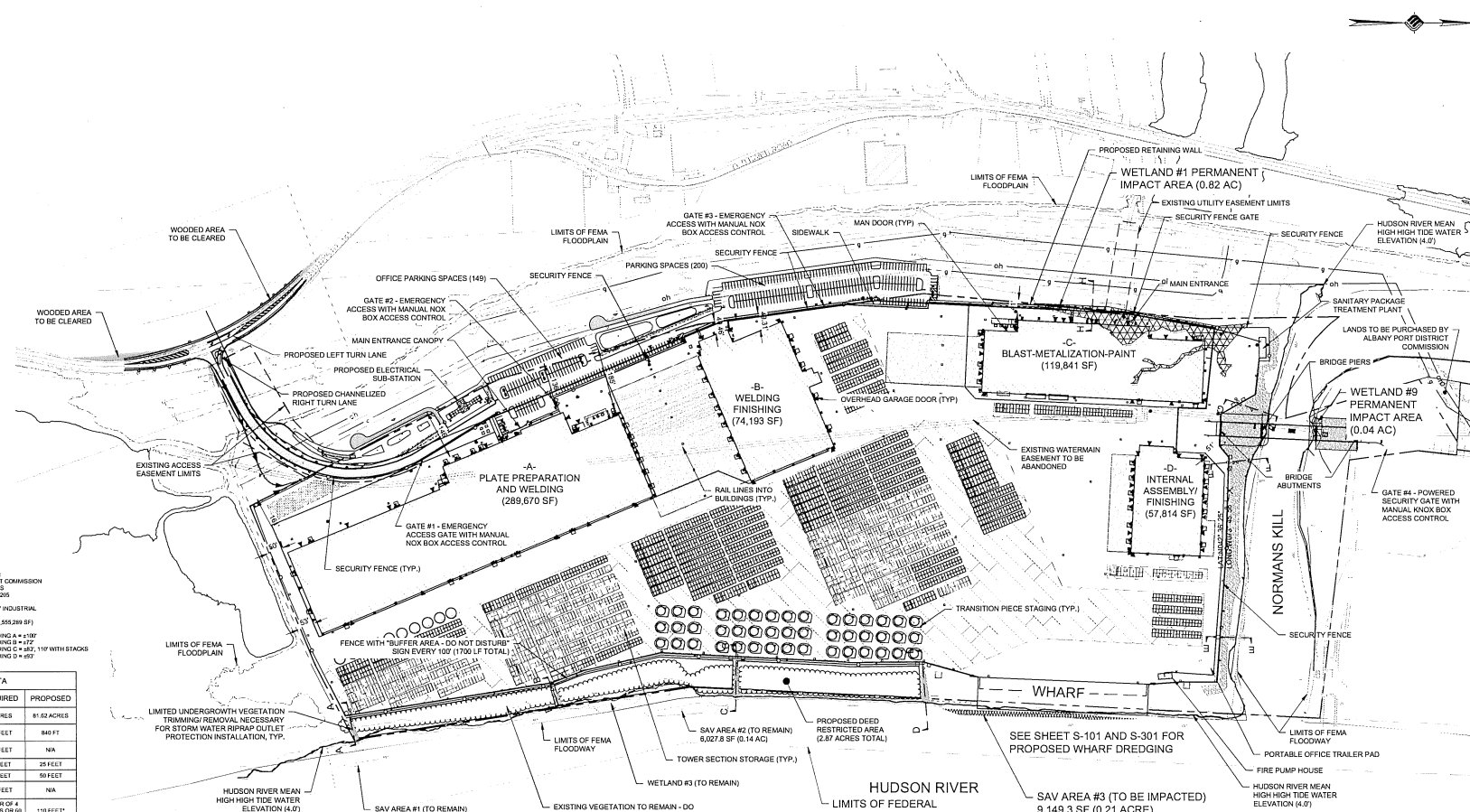
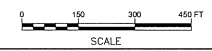
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF

DRAWING TITLE

SITE PLAN OVERALL

DRAWING NUMBER

SP-01



PROJECT DATA

1. APPLICANT / LAND OWNER:
ALBANY PORT DISTRICT COMMISSION
106 SMITH BOULEVARDS
ALBANY, NEW YORK 12205
2. EXISTING ZONING: HEAVY INDUSTRIAL
3. LOT AREA: 81.62 ACRES (3,555,269 SF)
4. BUILDING HEIGHT: - BUILDING A = ±100'
- BUILDING B = ±87'
- BUILDING C = ±87, 110' WITH STACKS
- BUILDING D = ±93'

SITE DATA		
FEATURE	REQUIRED	PROPOSED
MINIMUM LOT SIZE, NON-RESIDENTIAL	5 ACRES	81.52 ACRES
MINIMUM FRONT YARD, FROM RIGHT-OF-WAY	100 FEET	840 FT
MINIMUM FRONT YARD, FROM CENTERLINE	125 FEET	25 FEET
MINIMUM SIDE YARD	25 FEET	NA
MINIMUM REAR YARD	50 FEET	50 FEET
MINIMUM HIGHWAY FRONTAGE	150 FEET	NA
MAXIMUM HEIGHT	LESSER OF 4 STORIES OR 60 FEET	110 FEET ²
MINIMUM LOT DEPTH	200 FEET	2850 FEET
MINIMUM LOT WIDTH	150 FEET	750 FEET
MINIMUM LOT COVERAGE	30%	17.0%

ZONING:
EXISTING: ±11.62 ACRES HEAVY INDUSTRIAL
PROPOSED: ±11.62 ACRES HEAVY INDUSTRIAL
TAX ACCOUNT NUMBERS: 98 00-2-10 23
98 01-2-1
* ENTERPRISE RATE IN 2014 WAS \$1.00 PER AN

PARKING:

1 SPACE FOR EACH 2 EMPLOYEES ON MAXIMUM WORKING SHIFT.

TOTAL EMPLOYEES = 550

REQUIRED:

275 TOTAL SPACES REQUIRED

PROVIDED:

THE LARGEST SHIFT INCLUDES 180 EMPLOYEES WORKING THE SHIFT CHANGE INVOLVING 320 EMPLOYEES. INDIVIDUAL BUILDING PARKING DEMANDS FROM M. WELDON HAVE BEEN PROVIDED BELOW:

BUILDING A = 168 SPACES
BUILDING B = 87 SPACES
BUILDING C & D = 150 SPACES TOTAL
TOTAL OPERATOR REQUESTED SPACES = 355








349 TOTAL SPACES PROVIDED

ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (349 SPACE LOT): 8 SPACES (6 STANDARD & 2 VAN)
FOR TOTAL PARKING 301-400 SPACES

PROVIDED (349 SPACE LOT): 9 SPACES (7 STANDARD & 2 VAN)

LEGEND

PROPERTY LINE	-----	PROPOSED BUILDING FOOTPRINT	
BUILDING SETBACK	-----	MATERIAL STORAGE AREAS	
DITCH CENTERLINE	-----	WETLAND AREA	
ROADSIDE SWALE	-----	WHARF DREDDING AREA	
OVERHEAD DOORS	▢	SAV AREA TO BE RELOCATED	
MAN DOORS	◀	PERMANENT WETLAND IMPACT AREA	
		RIP-RAP WATER EMBANKMENT STABILIZATION	

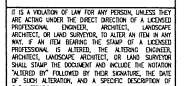
1. REMOVE AND STOCKPILE TOPSOIL, AS DIRECTED BY THE CONSTRUCTION MANAGER LEADER, TO A MINIMUM 4' DEPTH, ALL DISTURBED AREAS TO BE RESEED/GRASSED AS DIRECTED BY THE CONSTRUCTION MANAGER.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND REMOVAL OF TEMPORARY EROSION CONTROL MEASURES TO PREVENT PROTECTION AND EROSION. EROSION CONTROL MEASURES SHALL NOT BE REMOVED BEFORE VEGETATION HAS OCCURRED COMPLETELY.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORATION OF TOPSOIL TO ALL DISTURBED AREAS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN EROSION CONTROL MEASURES AT ALL TIMES.
4. EROSION CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF SOILS AND HEALTH DEPARTMENT, AND THE TOWN OF BELLEVILLE REQUIREMENTS.
5. ALL INLETS TO THE STORM SEWER SHALL HAVE STONE DROP INLET PROTECTION AND EROSION CONTROL MEASURES TO PREVENT EROSION AND SEDIMENTATION. BEST MANAGEMENT PRACTICES (BMPs) UNTIL GROUND COVER IS ESTABLISHED.
6. SILT FENCE, JUTE MESH, AND/OR EROSION CONTROL BLANKETS WILL BE USED ON STEEP SLOPES AND WHEREVER NECESSARY TO CONTROL EROSION AND SEDIMENTATION. EXISTING DRAINAGE SYSTEMS AS ORDERED BY THE ENGINEER OR SPECIFIED ON PLANS.
7. THE CONTRACTOR SHALL DESIGNATE A MEMBER OF HIS/HER FIRM TO BE RESPONSIBLE TO MONITOR EROSION CONTROL MEASURES AND REPORT PROBLEMS TO THE ENGINEER. THESE PROTECTION AND PRESERVATION THROUGHOUT CONSTRUCTION.
8. ALL GRADING AND EARTHWORK SHALL BE IN CONFORMANCE WITH NEW YORK STATE AND DISTRICT SPECIFICATIONS SECTION 203 - EXCAVATION AND EMBANKMENT, WHICH INCLUDES MAXIMUM EMBANKMENT LIFT THICKNESS ALLOWED ON THE BASIS OF THE SOIL TYPE.
9. ALL PROPOSED ELEVATIONS SHOWN HEREON ARE FINISHED GRADE ELEVATION.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING FIRM ELEVATIONS IN RELATION TO PROPOSED GRADE PRIOR TO INSTALLATION.

1. ALL HDPE PIPES SHALL FOLLOW NYSDOT SECTION 803-2 AND 708-12, BE SMOOTH INTERIOR.
2. PLACE RIP-RAP AROUND ALL END SECTIONS.
3. IN INSTANCES WHERE THE STORM SEWER CROSSES THE SANITARY SEWER A CRUSHED STONE ENCASEMENT SHALL BE PROVIDED AROUND THE SANITARY SEWER UP TO THE STORM SEWER-COMPACT WITH APPROVED EQUIPMENT.
4. ALL CATCH BASINS AND STORM MANHOLES WITHIN PAVEMENT TO BE CONSTRUCTED TO WITHSTAND HS-20 LOADING.

PROPERTY LINE
BUILDING SETBACK
EXISTING RAIL LINE
EXISTING TREE LINE
DITCH CENTERLINE
ROADSIDE SWALE
WETLAND AREA

[illegible]

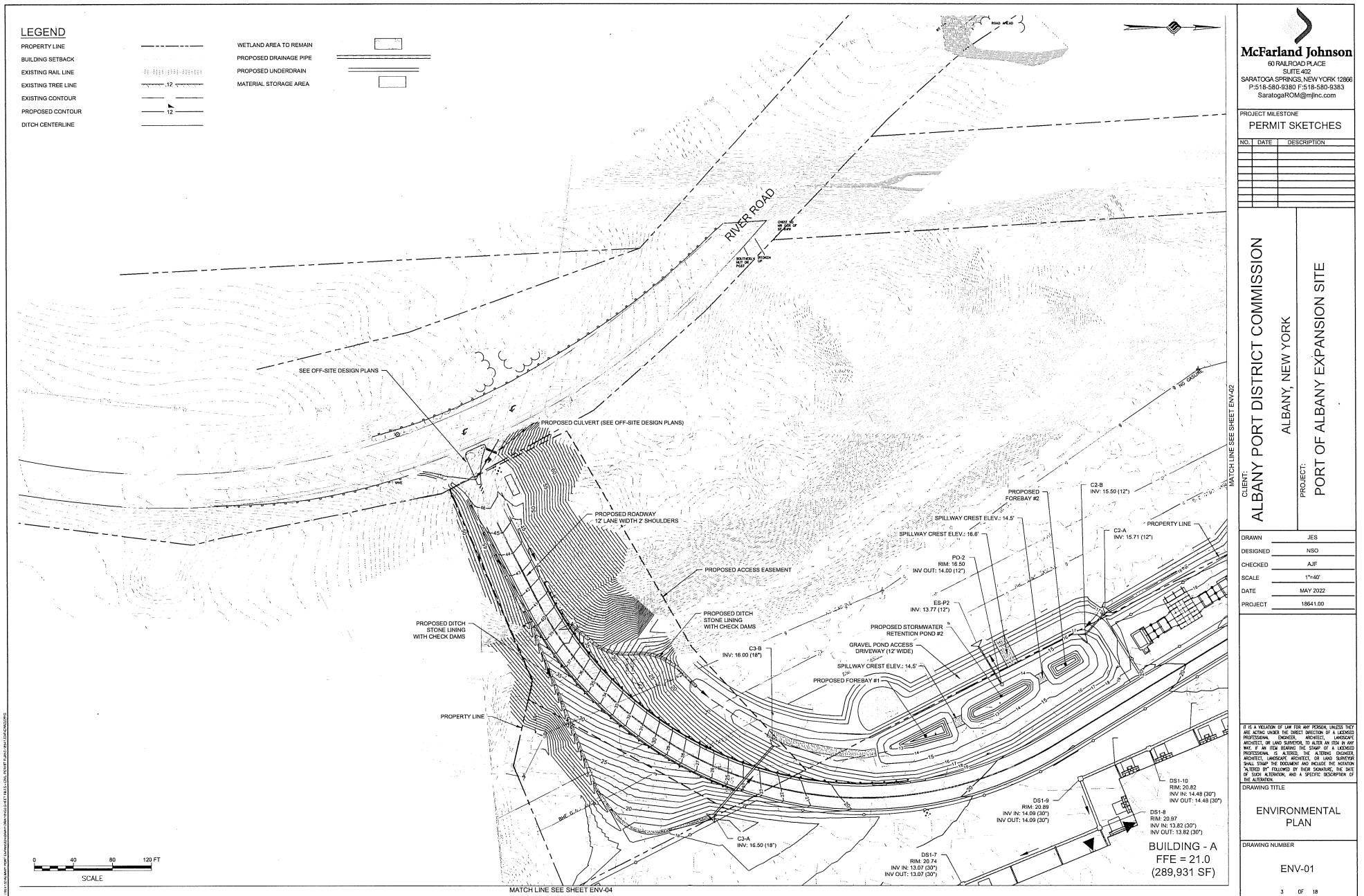
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DESIGNED	NSO
CHECKED	AJF
SCALE	1"=250'
DATE	MAY 2022
PROJECT	18641.00



DRAWING NUMBER

ENV-00

2 OF 18



McFarland Johnson
60 RAILROAD PLACE
SUITE 402
SARATOGA SPRINGS, NEW YORK 12866
P: 518-580-9380 F: 518-580-9383
SaratogaROM@mjinc.com

PROJECT MILESTONE
PERMIT SKETCHES

NO.	DATE	DESCRIPTION

CLIENT:
ALBANY PORT DISTRICT COMMISSION
ALBANY, NEW YORK

PROJECT:
PORT OF ALBANY EXPANSION SITE

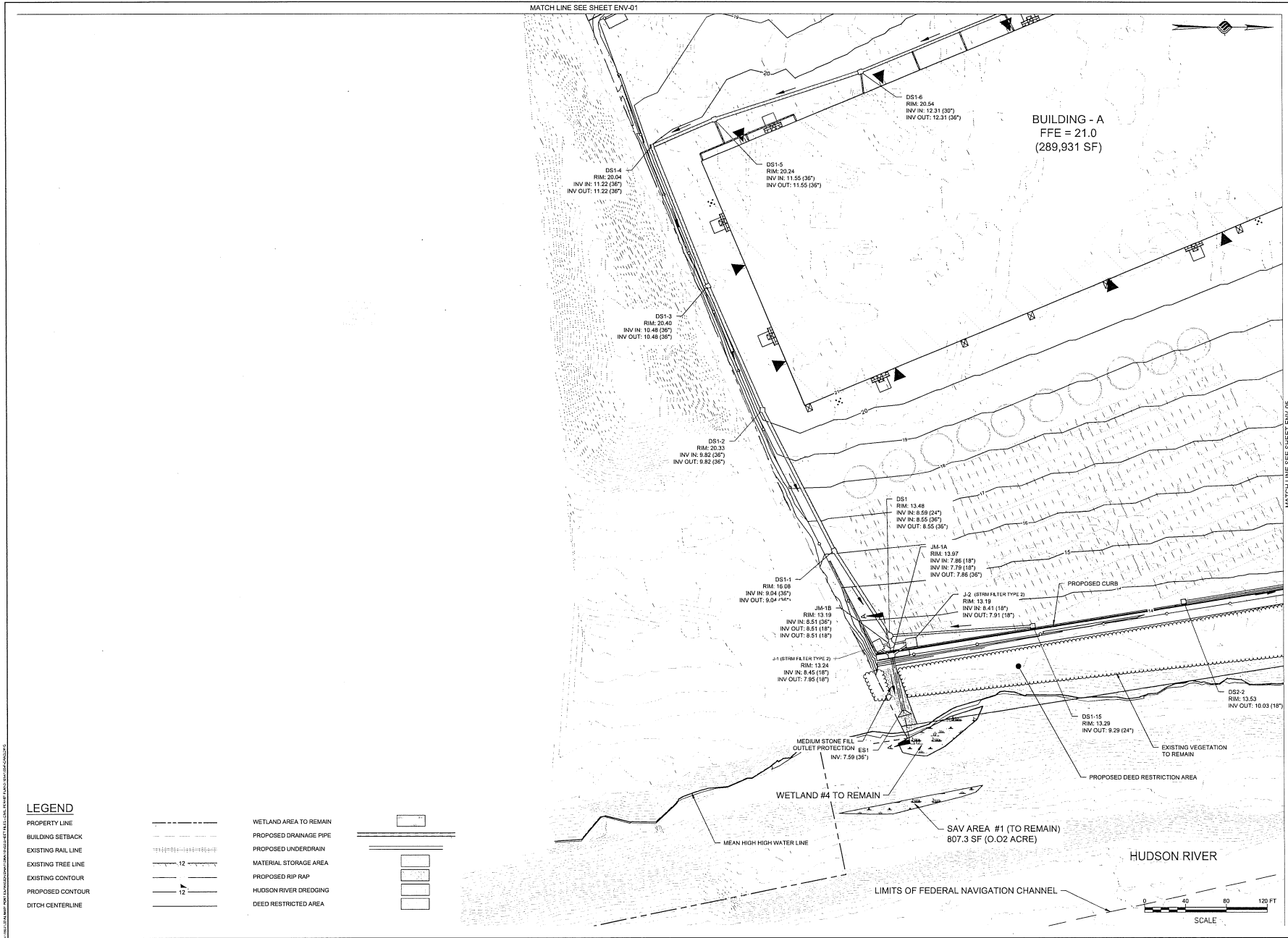
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DESIGNED	NSO
CHECKED	AJF
SCALE	1"=40'
DATE	MAY 2022
PROJECT	18641.00

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT SUPERVISION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO REPRODUCE OR IN ANY MANNER, IF AN ITEM BEARING THE SIGNATURE OF A LICENSED PROFESSIONAL, IS ALTERED, THE ALTERNATE ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL SIGN THE DOCUMENT AND INCLUDE THE WORDING "DESIGNED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ACTION, AND A PRECISE DESCRIPTION OF THE ALTERATION.

DRAWING TITLE
ENVIRONMENTAL PLAN

DRAWING NUMBER
ENV-01

3 OF 18



McFarland Johnson
60 RAILROAD PLACE
SUITE 402
SARATOGA SPRINGS, NEW YORK 12866
P: 518-580-9380 F: 518-580-9383
SaratogaRCM@mjinc.com

PROJECT MILESTONE

PERMIT SKETCHES

NO.	DATE	DESCRIPTION

CLIENT: ALBANY PORT DISTRICT COMMISSION

PROJECT: PORT OF ALBANY EXPANSION SITE

ALBANY, NEW YORK

DRAWN: JES

DESIGNED: NSO

CHECKED: AJF

SCALE: 1"=40'

DATE: MAY 2022

PROJECT: 18641.00

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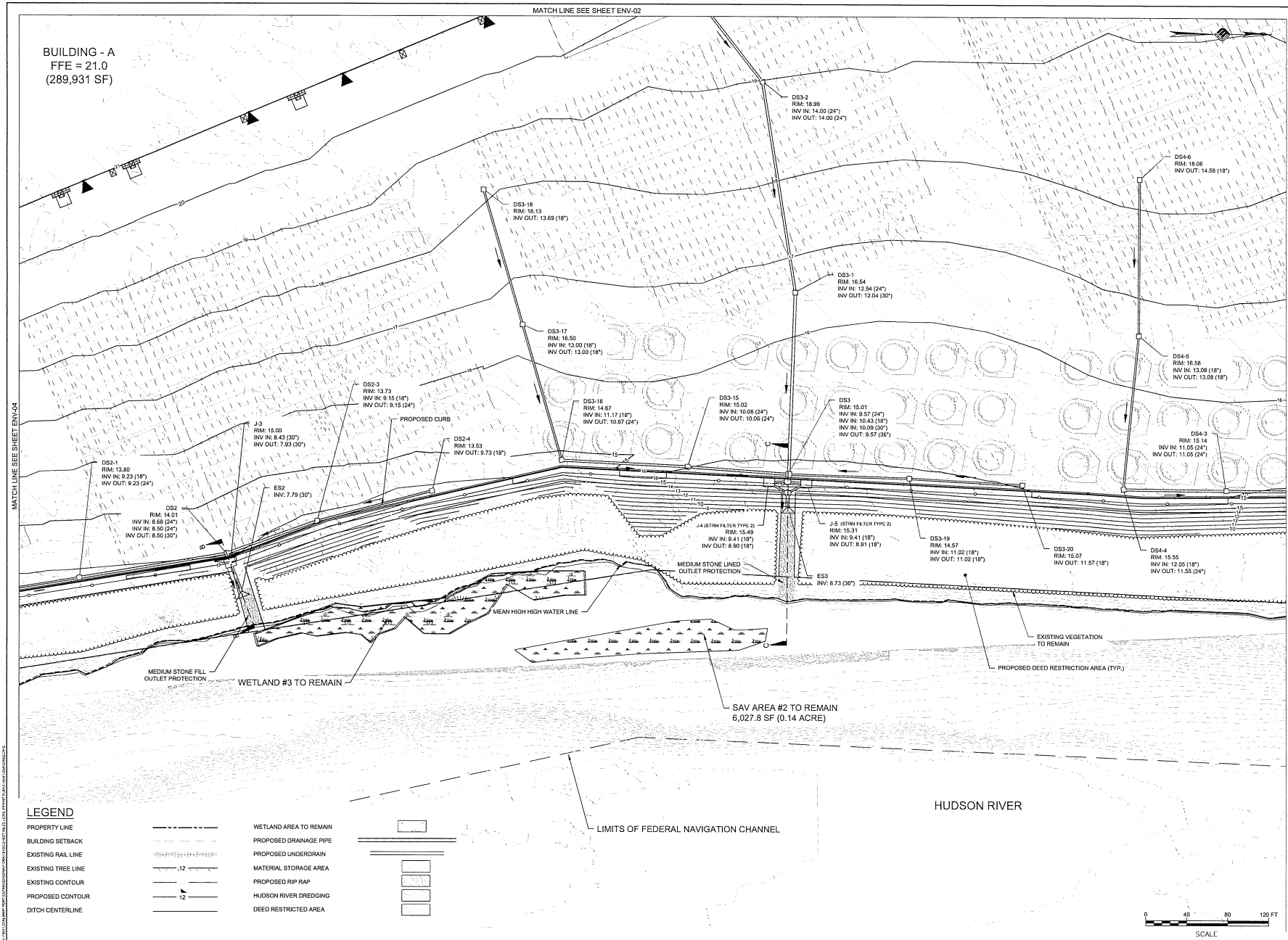
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ENVIRONMENTAL PLAN

DRAWING NUMBER

ENV-04

6 OF 18



McFarland Johnson
 SUITE 402
 SARATOGA SPRINGS, NEW YORK 12066
 P:518-580-9380 F:518-580-9383
 SaratogaROM@mjinc.com

PROJECT MILESTONE
PERMIT SKETCHES

NO.	DATE	DESCRIPTION

CLIENT:
ALBANY PORT DISTRICT COMMISSION
ALBANY, NEW YORK

PROJECT:
PORT OF ALBANY EXPANSION SITE

DRAWN	JES
DESIGNED	NSO
CHECKED	AJF
SCALE	1"=40'
DATE	MAY 2022
PROJECT	18641.00

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE A LICENSED PROFESSIONAL, TO PREPARE OR SIGN ANY DRAWING OR SPECIFICATION FOR A PROJECT WITHOUT BEING A LICENSED PROFESSIONAL. IF AN INDIVIDUAL IS NOT A LICENSED PROFESSIONAL, THEY MUST BE UNDER THE CLOSE PERSONAL SUPERVISION OF A LICENSED PROFESSIONAL. THE LICENSED PROFESSIONAL SHALL STAMP THE DOCUMENT AND INCLUDE THE WORDING "DESIGNED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

DRAWING TITLE
ENVIRONMENTAL PLAN

DRAWING NUMBER
ENV-05

7 OF 18

PROJECT MILESTONE
PERMIT SKETCHES

NO.	DATE	DESCRIPTION

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ALBANY, NEW YORK
PROJECT: PORT OF ALBANY EXPANSION SITE

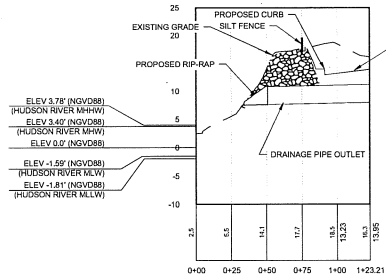
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DATE	MAY 2022
PROJECT	18641.00

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT INSTRUCTION OF A LICENSED PROFESSIONAL, TO REPRODUCE, COPIY, OR ALTER IN ANY MANNER, OR IN ANY MANNER, THE CONTENTS OF THIS DOCUMENT. ANY SUCH VIOLATION SHALL BE SUBJECT TO THE PENALTIES PROVIDED BY LAW. THE USER OF THIS DOCUMENT SHALL OBTAIN THE DOCUMENT AND INCLUDE THE NOTATION "DESIGNED BY FOLLOWED BY NEW YORKING, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."

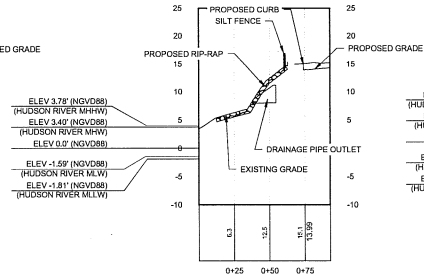
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SECTION VIEWS

DRAWING NUMBER
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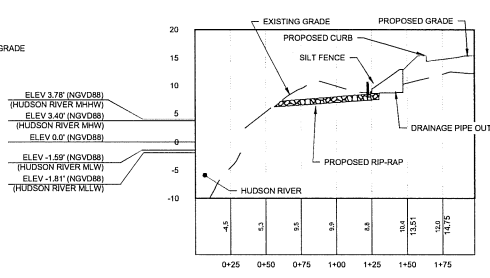
10 OF 18



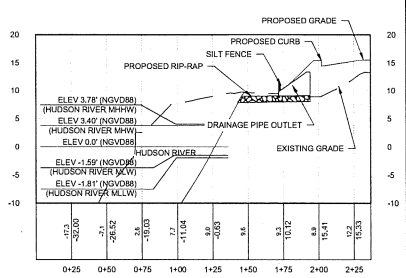
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Vertical Scale: 1" = 10'



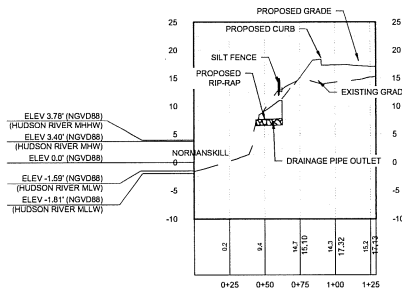
SECTION B-B
Horizontal Scale: 1" = 40'
Vertical Scale: 1" = 10'



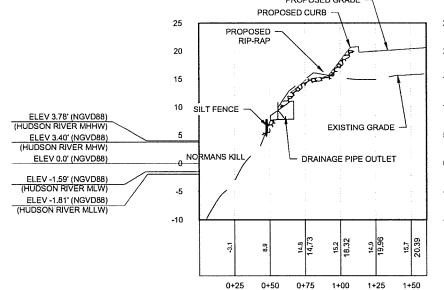
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Horizontal Scale: 1" = 40'
Vertical Scale: 1" = 10'



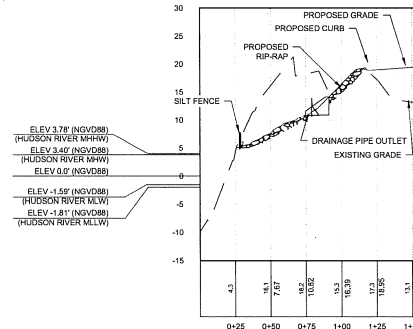
SECTION D-D
Horizontal Scale: 1" = 40'
Vertical Scale: 1" = 10'



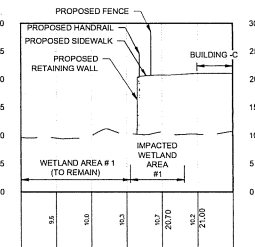
SECTION E-E
Horizontal Scale: 1" = 40'
Vertical Scale: 1" = 10'



SECTION F-F
Horizontal Scale: 1" = 40'
Vertical Scale: 1" = 10'



SECTION G-G
Horizontal Scale: 1" = 40'
Vertical Scale: 1" = 10'



SECTION H-H
Horizontal Scale: 1" = 40'
Vertical Scale: 1" = 10'

PROJECT MILESTONE
 PERMIT SKETCHES

NO.	DATE	DESCRIPTION

CLIENT: ALBANY PORT DISTRICT COMMISSION
 ALBANY, NEW YORK
 PROJECT: PORT OF ALBANY EXPANSION SITE

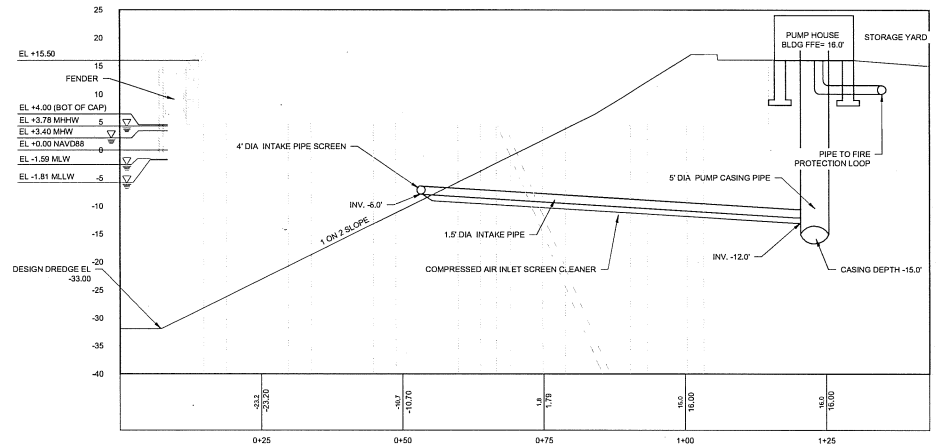
DRAWN	JES
DESIGNED	NSO
CHECKED	AJF
SCALE	1"=40'
DATE	MAY 2022
PROJECT	18641.00

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT INSTRUCTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO REPRODUCE OR COPY ANY PART OF THIS DRAWING WITHOUT THE WRITTEN PERMISSION OF THE PROFESSIONAL PERSON WHO HAS SHOWN THE SIGNATURE AND SEAL OF THE PROFESSIONAL PERSON. ANY SUCH REPRODUCTION OR ALTERATION OF THIS DRAWING WITHOUT THE WRITTEN PERMISSION OF THE PROFESSIONAL PERSON WHO HAS SHOWN THE SIGNATURE AND SEAL OF THE PROFESSIONAL PERSON IS A VIOLATION OF LAW.

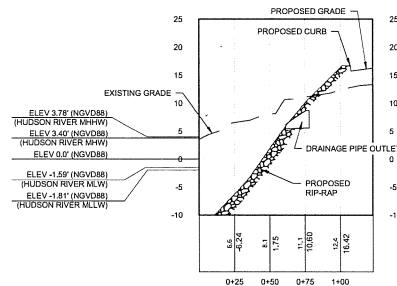
DRAWING TITLE
 SECTION VIEWS

DRAWING NUMBER
 XS-02

OF 18



SECTION J-J
 Horizontal Scale: 1" = 10'
 Vertical Scale: 1" = 10'



WASTE WATER TREATMENT PLANT OUTFALL (K-K)
 Horizontal Scale: 1" = 40'
 Vertical Scale: 1" = 10'

PROJECT MILESTONE
 PERMIT SKETCHES

NO.	DATE	DESCRIPTION

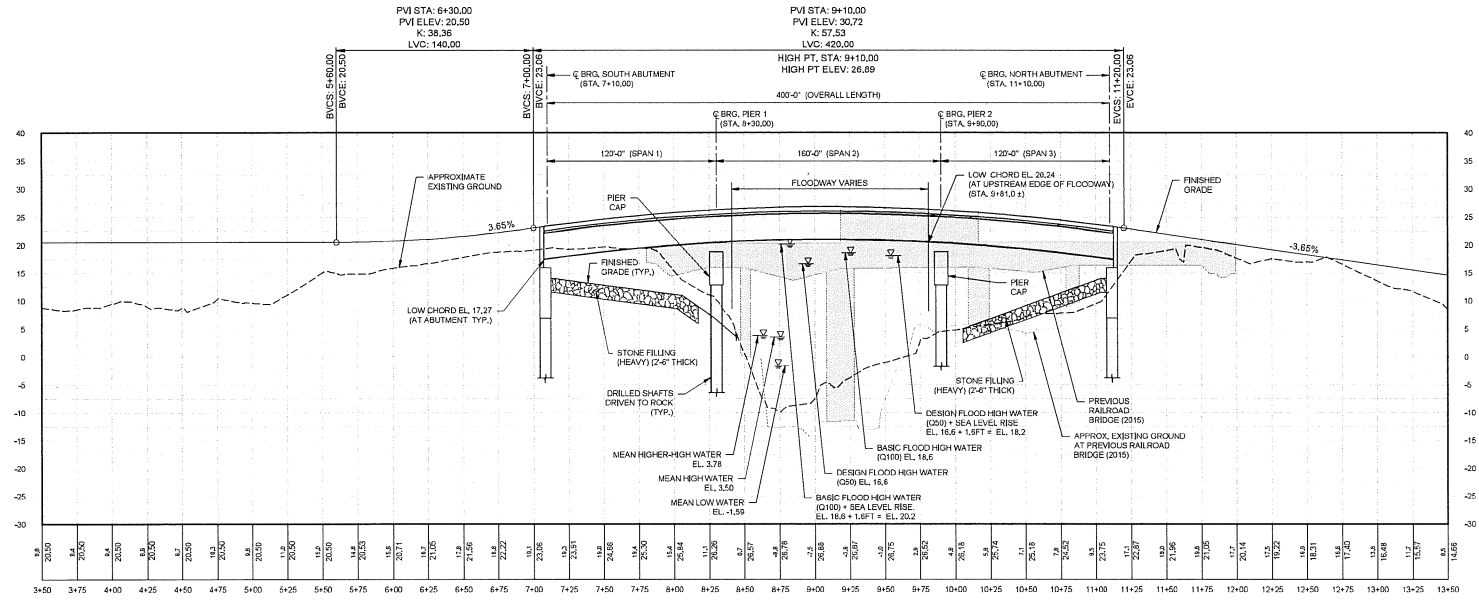
CLIENT:
ALBANY PORT DISTRICT COMMISSION
 ALBANY, NEW YORK

PROJECT:
PORT OF ALBANY SITE INFRASTRUCTURE IMPROVEMENTS

DRAWN	SLM
DESIGNED	JLR
CHECKED	RLJ
SCALE	Varies
DATE	JULY 2021
PROJECT	18461.00

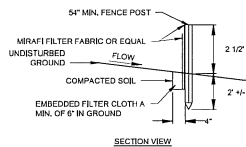
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT SUPERVISION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER OR REUSE IN ANY WAY, OR IF IN THE HANDS OF THE OWNER OF A LICENSED PROFESSIONAL IS ALTERED, THE AUTOMATIC ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL SIGN THE DOCUMENT AND INCLUDE THE NOTATION "DESIGNED BY FOLLOWING BY THEIR SIGNATURE, THE DATE OF SUCH ATTENTION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."

DRAWING TITLE	BRIDGE PROFILE
DRAWING NUMBER	ST-03
3 OF 4	



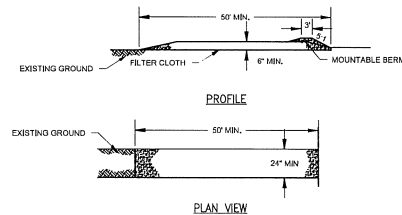
BRIDGE PROFILE
 HORIZONTAL SCALE: 1" = 40'
 VERTICAL SCALE: 1" = 10'

NOTE:
 1. FINAL BRIDGE GRADING AND LIMITS AND TYPE OF SCOUR PROTECTION AT ABUTMENTS AND PIERS TO BE DEVELOPED DURING FINAL DESIGN.



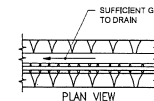
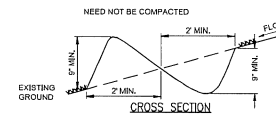
NOTES:

1. MIRAFI FILTER FABRIC TO BE SECURED TO FENCE POSTS WITH STAPLES, POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED.
3. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE S/LT FENCE.



NOTES:

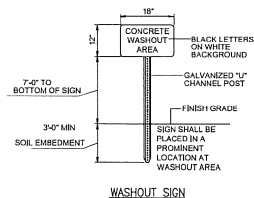
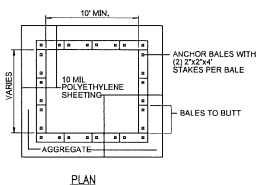
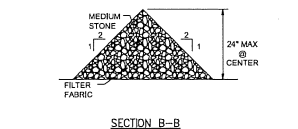
1. STONE SIZE - USE #3 CRUSHED STONE OR GRAVEL (PER DSWT SECTION 209).
2. LENGTH - NOT LESS THAN 50 FEET.
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO LAYING OF STONE.
6. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5' SLOPES WILL BE PERMITTED.
7. IF THERE IS A PROBLEM WITH THE FLOW OF SEDIMENT, THE FLOW OF SEDIMENT ON PUBLIC RIGHTS-OF-WAY MUST BE STOPPED IMMEDIATELY. SEDIMENT ON PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. IF SEDIMENT TRAPPING IS REQUIRED, IT SHALL BE DONE ON AN 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.



NOTES:

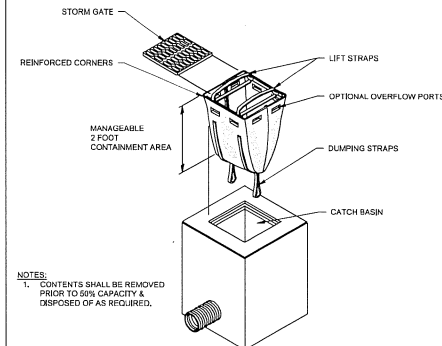
1. ALL PERIMETER DIKE/SWALE SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET.
2. DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
3. DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET INTO AN UNDISTURBED STABILIZED AREA AT NON-EROSION VELOCITY.
4. THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED IN THE STANDARD.
5. STABILIZATION OF THE AREA DISTURBED BY THE DIKE AND SWALE SHALL BE DONE IN ACCORDANCE WITH THE STANDARD AND SPECIFICATIONS FOR TEMPORARY SEEDING AND MULCHING, AND SHALL BE DONE WITHIN 10 DAYS.
6. PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

PERIMETER DIKE

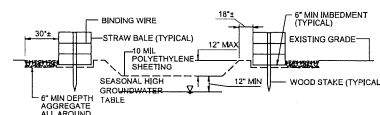
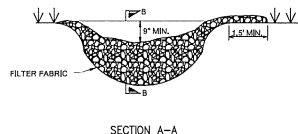


NOTES:

1. CONTAINMENT MUST BE STRUCTURALLY SOUND AND LEAK FREE AND CONTAIN ALL LIQUID WASTES.
2. CONTAINMENT DEVICES MUST BE OF SUFFICIENT QUANTITY OR VOLUME TO COMPLETELY CONTAIN THE LIQUID WASTES GENERATED.
3. WASHOUT MUST BE CLEANED OR NEW FACILITIES CONSTRUCTED AND READY TO USE ONCE WASHOUT IS 10% FULL.
4. WASHOUT AREA(S) SHALL BE INSTALLED IN A LOCATION EASILY ACCESSIBLE BY CONTRACTOR TRUCKS.
5. ONE OR MORE AREAS MAY BE INSTALLED ON THE CONSTRUCTION SITE AND MAY BE RELOCATED AS CONSTRUCTION PROGRESSES.
6. AT LEAST WEEKLY REMOVE ACCUMULATION OF SAND AND AGGREGATE AND DISPOSE OF PROPERLY.

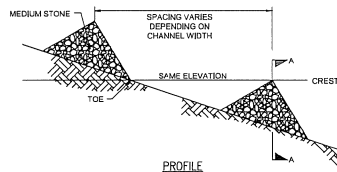


NOTES:
1. CONTENTS SHALL BE REMOVED PRIOR TO 50% CAPACITY & DISPOSED OF AS REQUIRED.



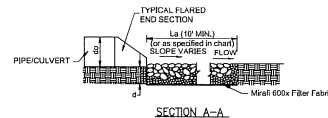
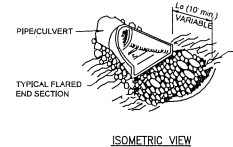
CAL SECTION

INLET PROTECTION



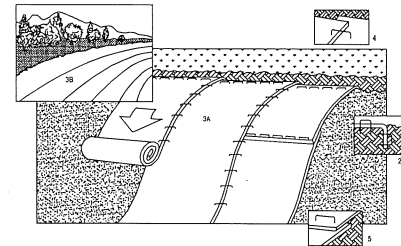
CONSTRUCTION SPECIFICATIONS

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



NOTES:

1. $d = 1.5$ TIMES THE MAXIMUM STONE DIAMETER BUT NO LESS THAN 6".
2. INSTALL FILTER MIRAFL 500X OR APPROVED EQUAL FILTER FABRIC BETWEEN RIP-RAP AND SUBGRADE.



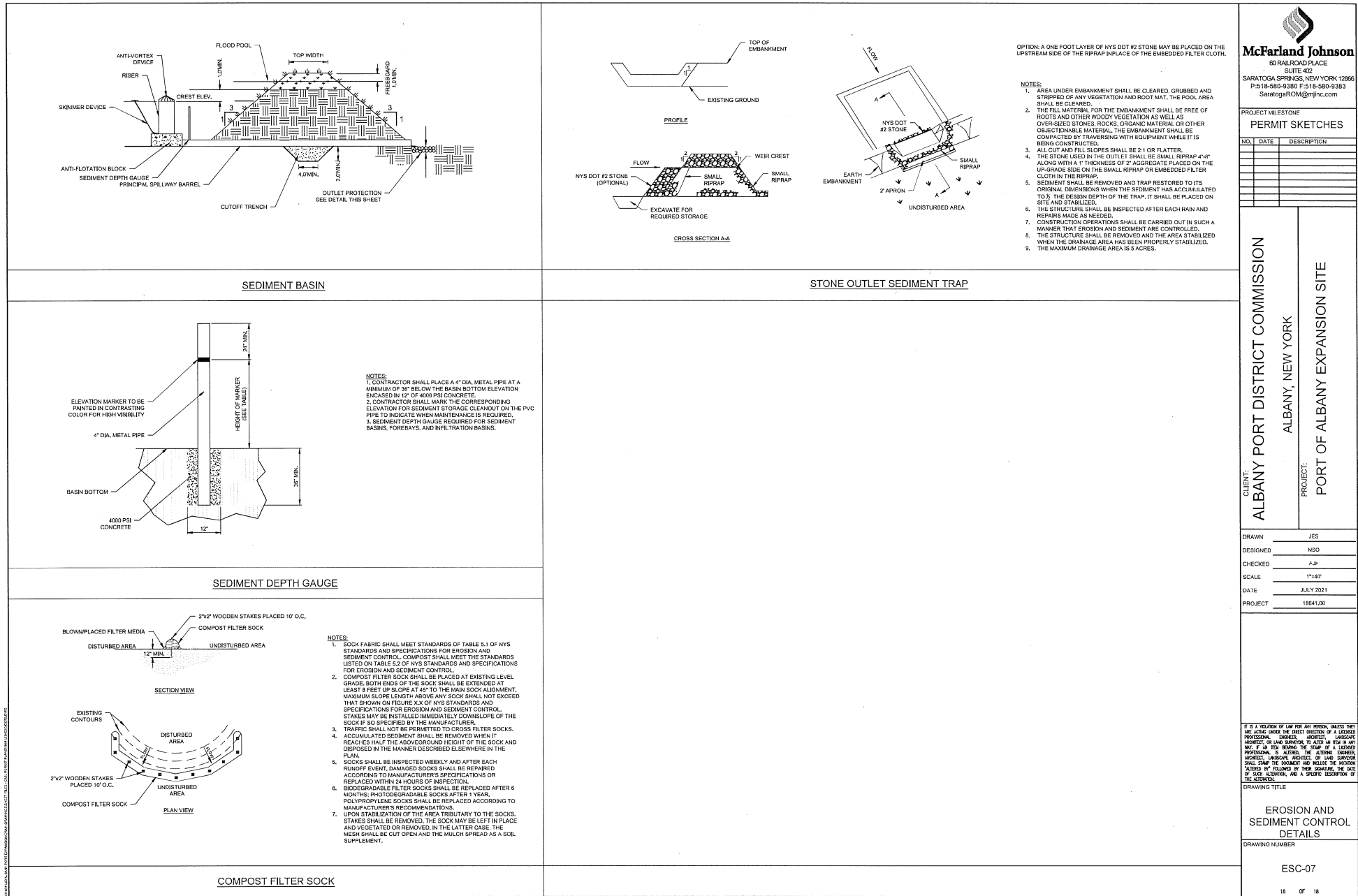
INSTALLATION OF GEOSYNTHETICS EROSION CONTROL MATS

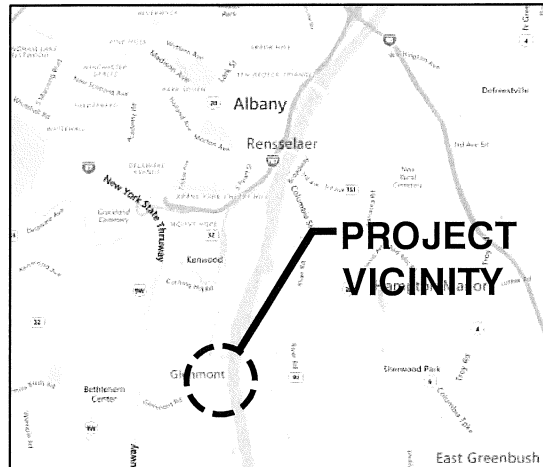
1. EROSION CONTROL MATS SHALL BE UTILIZED ON ALL SLOPES OF 3:1 OR GREATER.
2. EROSION CONTROL MATS SHALL BE INSTALLED IN SLOPES SHALL BE PREPARED AND EROSION CONTROL MATS SHALL BE INSTALLED.
3. ANCHORED AND SOIL FILLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND INSTALLATION PROCEDURES.
4. SEEDING SHALL BE COMPLETED IN ACCORDANCE WITH THE PERMANENT SEED SPECIFICATION. SEEDING PRIOR TO PLACEMENT OF THE EROSION CONTROL MAT, A SECOND APPLICATION OF PERMANENT SEEDING SHALL BE APPLIED AFTER THE MAT IS IN PLACE. PRIOR TO THE EROSION CONTROL MAT.
5. A CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE, RESEEDING AND REPAIR OF MATS AND SLOPES UNTIL PERMANENT VEGETATION IS ESTABLISHED.

NOTES:
 REFER TO GENERAL STAPLE PATTERN GUIDE FOR CORRECT STAPLE PATTERN RECOMMENDATIONS FOR SLOPE INSTALLATIONS.
 1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-SEED DO NOT SEED PREPARED AREA. CELL-SEED MUST BE INSTALLED WITH PAPER SEED DOWN.
 2. BE SURE TO CUT TOP OF EACH CELL TO BE AT LEAST 1/2" DEEP. IF 4" WIDE TRENCH, BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
 3. ROLL THE BLANKETS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE.
 4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 7" OVERLAP.
 5. WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SINGLE STYLE) WITH APPROXIMATELY 4" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.
 6. MANUFACTURER'S INSTALLATION INSTRUCTIONS SHALL SUPERCEDE THIS DETAIL.

EROSION CONTROL MAT INSTALLATION

17 OF 18





VICINITY AND LOCATION MAP

SCALE: N.T.S.

NOTES:

1. HORIZONTAL CONTROL REFERENCED TO NORTH AMERICAN DATUM OF 1983, STATE PLANE COORDINATE SYSTEM, NEW YORK, EAST ZONE, IN FEET.
2. WATER LEVEL DATUM IS BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929, AS FOLLOWS:
 - MEAN HIGHER HIGH WATER LEVEL (MHHW) +4.56 FT (NGVD29)
 - MEAN HIGH WATER LEVEL (MHW) = +4.18 FT (NGVD29)
 - MEAN TIDE LEVEL (MTL) = +1.69 FT (NGVD29)
 - MEAN LOW WATER LEVEL (MLW) = -0.80 FT (NGVD29)

PURPOSE: WHARF CONSTRUCTION
PERMIT SUBMITTAL-NOT TO BE USED
FOR CONSTRUCTION
DATUM: NGVD29



m&n engineering, p.c.

OWNER/APPLICANT:
ALBANY PORT DISTRICT COMMISSION
PORT OF ALBANY

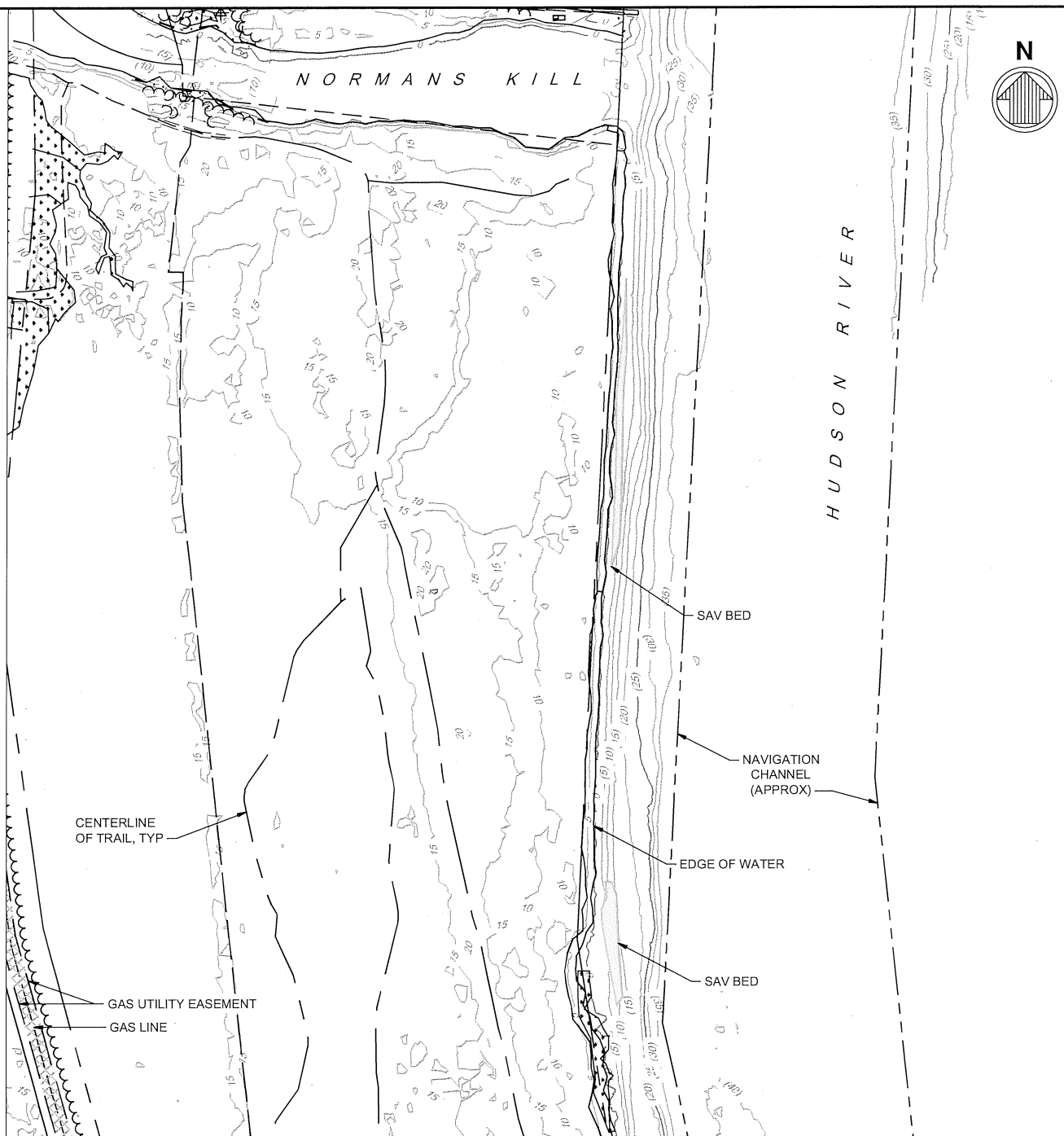
IN: HUDSON RIVER
NEAR: SOUTH OF ALBANY
LOCATION: PORT OF ALBANY
106 SMITH BOULEVARD
ALBANY, NEW YORK 12202

WHARF DREDGING AND CONSTRUCTION

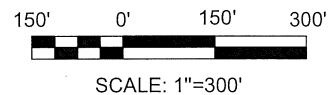
VICINITY AND LOCATION

DATE: 2021-07-15

File: Q:\NY110949-01\20 CADD\Activel_Permits\1094901P-02; Plotted: 7/15/2021 8:44 AM by WILKINSON MELISSA; Saved: 7/14/2021 3:22 PM by MWILKINSON



PLAN - EXISTING CONDITIONS



PURPOSE: WHARF CONSTRUCTION
PERMIT SUBMITTAL-NOT TO BE USED
FOR CONSTRUCTION
DATUM: NGVD29



m&n engineering, p.c.

OWNER/APPLICANT:
ALBANY PORT DISTRICT COMMISSION
PORT OF ALBANY

IN: HUDSON RIVER
NEAR: SOUTH OF ALBANY
LOCATION: PORT OF ALBANY
106 SMITH BOULEVARD
ALBANY, NEW YORK 12202

WHARF DREDGING AND CONSTRUCTION

PLAN - EXISTING CONDITIONS

DATE: 2021-07-15

