



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.

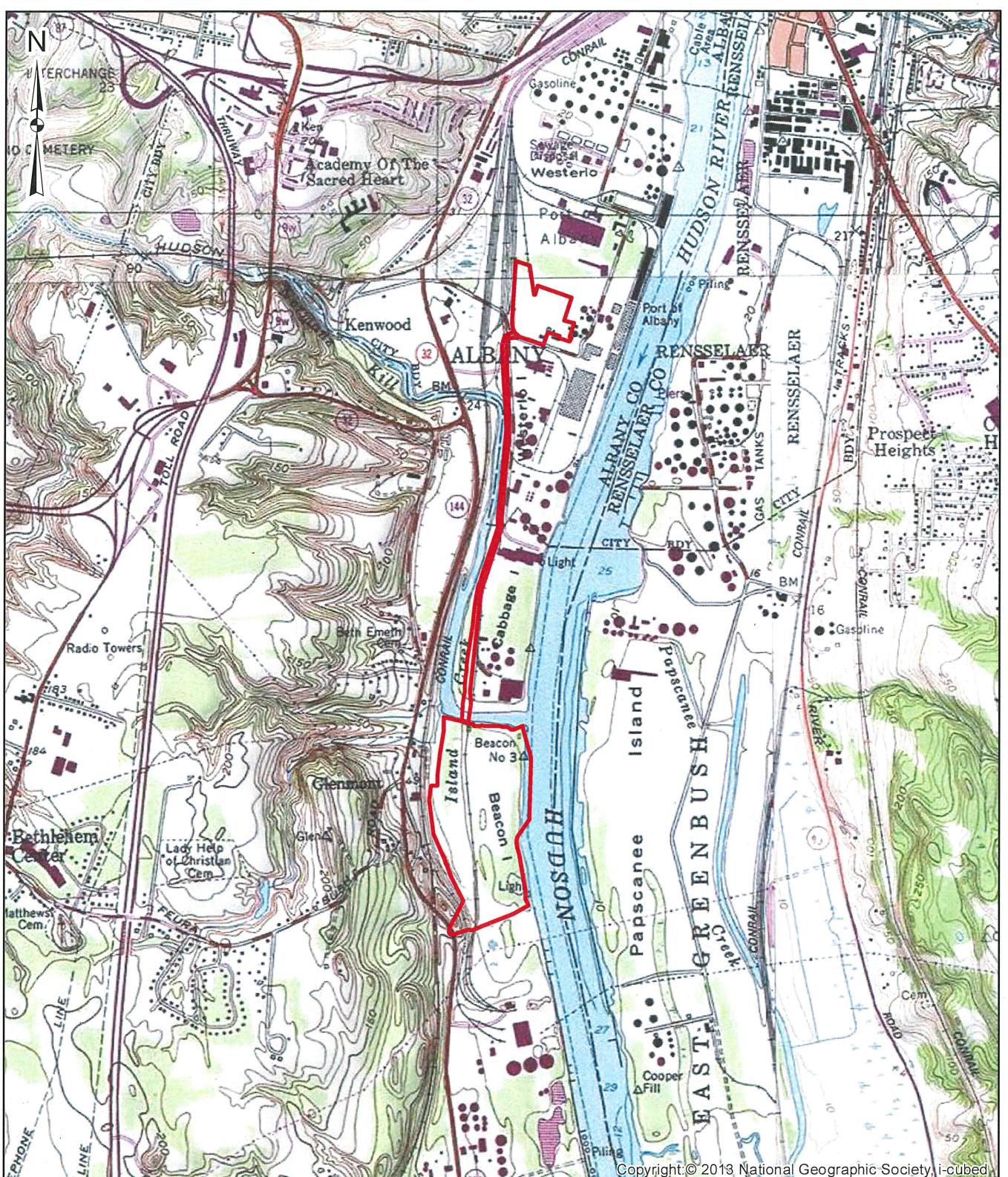
A new, 500 foot long, 93 foot wide, wharf would be constructed along the west bank of the Hudson River. The wharf would consist of a heavy stone slope revetment, a high-modulus steel sheet pile cutoff wall, and a drilled shaft supported open wharf and relieving platform. The total area of the wharf is 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:

- Notes:

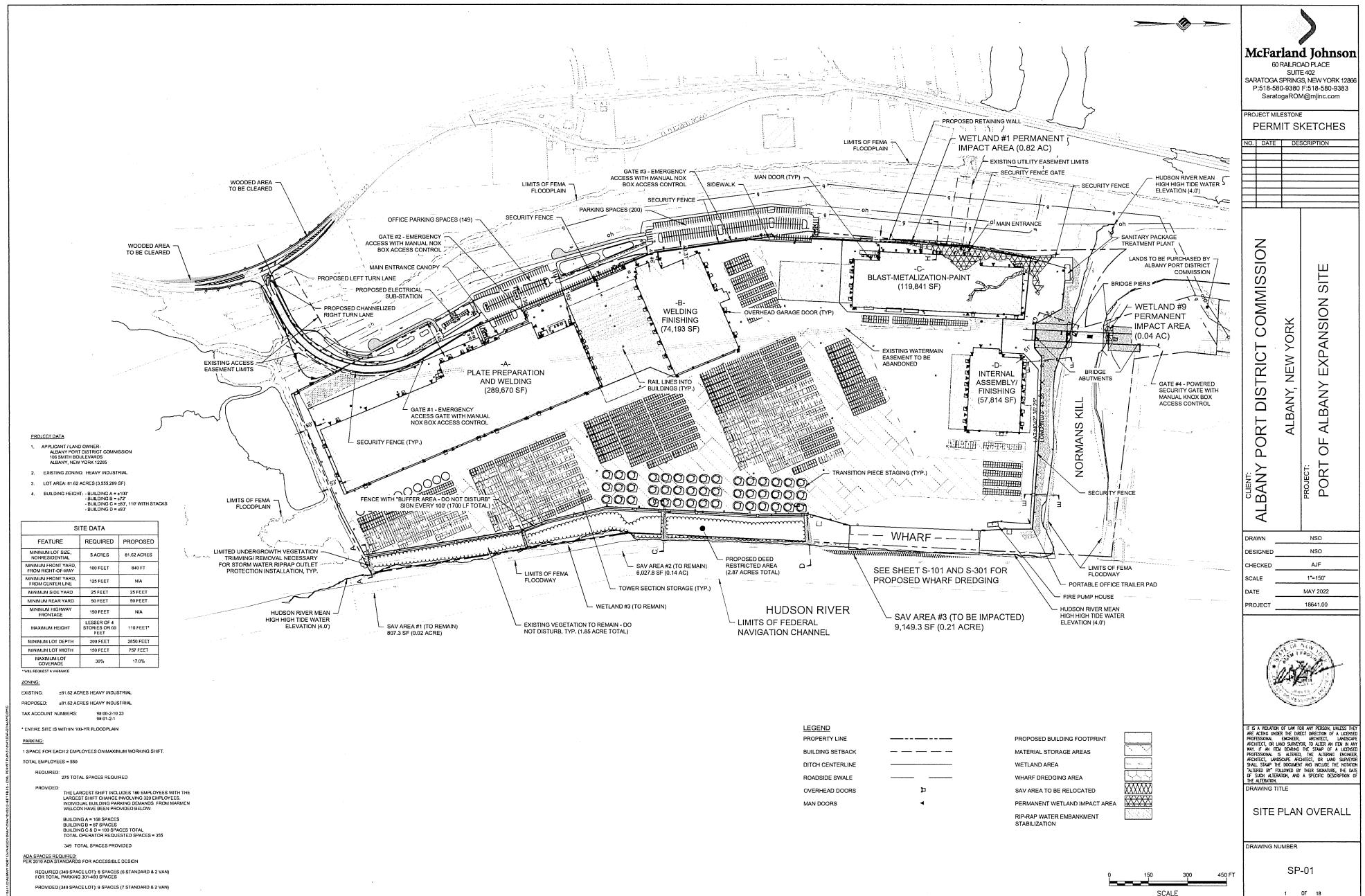
 - 1) Project boundary is approximate
 - 2) All areas are approximate

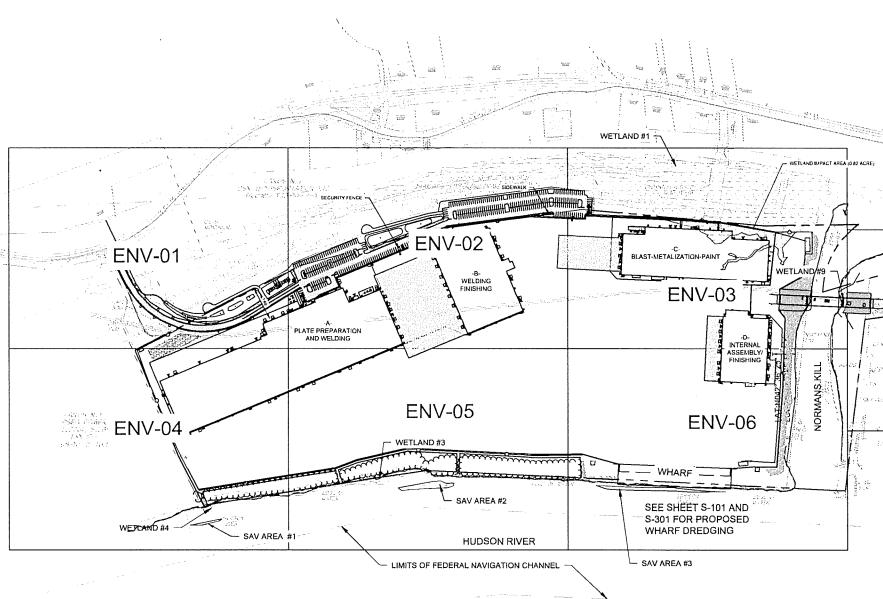
PORT OF ALBANY DEVELOPMENT
TOWN OF BETHLEHEM, ALBANY COUNTY, NEW YORK

USGS TOPOGRAPHIC MAP

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|----------|-----------|----------|
| SCALE : | DATE : | FIGURE : |
| AS SHOWN | JULY 2021 | 2-1 |







GRADING NOTES

1. REMOVE AND REPLACE TOPSOIL AS DIRECTED BY THE CONSTRUCTION MANAGER. REPLACE TOPSOIL TO A MINIMUM 4" DEPTH, ALL DISTURBED AREAS TO BE RESEEDED AS DIRECTED BY THE CONSTRUCTION MANAGER.
 2. CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND REMOVAL OF TEMPORARY SEDIMENTATION CONTROLS, INCLUDING INLET PROTECTION AND SILT FENCE. 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. 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, ALBANY COUNTY HEALTH DEPARTMENT, AND THE TOWN OF BETHLEHEM, REQUIREMENTS.
 5. ALL INLETS AND STORM SEWER SHALL HAVE A STONE DROP INLET PROTECTION THAT THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING UNTIL MANAGEMENT PRACTICES (BMP'S) 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 SILTATION OF EXISTING DRAINAGE SYSTEMS AS ORDERED BY THE ENGINEER OR SPECIFIED ON PLANS.
 7. THE CONTRACTOR SHALL DESIGNATE A MEMBER OF HISHER TEAM TO BE RESPONSIBLE FOR MONITOR EROSION CONTROL, EROSION CONTROL STRUCTURES, TREE PROTECTION AND PRESERVATION THROUGHOUT CONSTRUCTION.
 8. ALL GRADING AND EARTHWORK SHALL BE IN CONFORMANCE WITH NEW YORK STATE STANDARD SPECIFICATIONS SECTION 103 - EXCAVATION AND EMBANKMENT, EXCEPT WHERE MAXIMUM EARTHWORK THICKNESS ALLOWED BASED ON THE EQUIPMENT USED.
 9. ALL PROPOSED ELEVATIONS SHOWN HEREON ARE FINISHED GRADE ELEVATIONS.
 10. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING RM ELEVATIONS IN RELATION TO PROPOSED GRADE, PRIOR TO INSTALLATION.

LEGEN

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

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 THIS DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY [NAME] AND [SIGNATURE]" ON THE DATE OCCURRED IN "TATTOOED" FONTS. THIS DOCUMENT

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第1章 项目管理概述

PLAN NOTES & INDEX

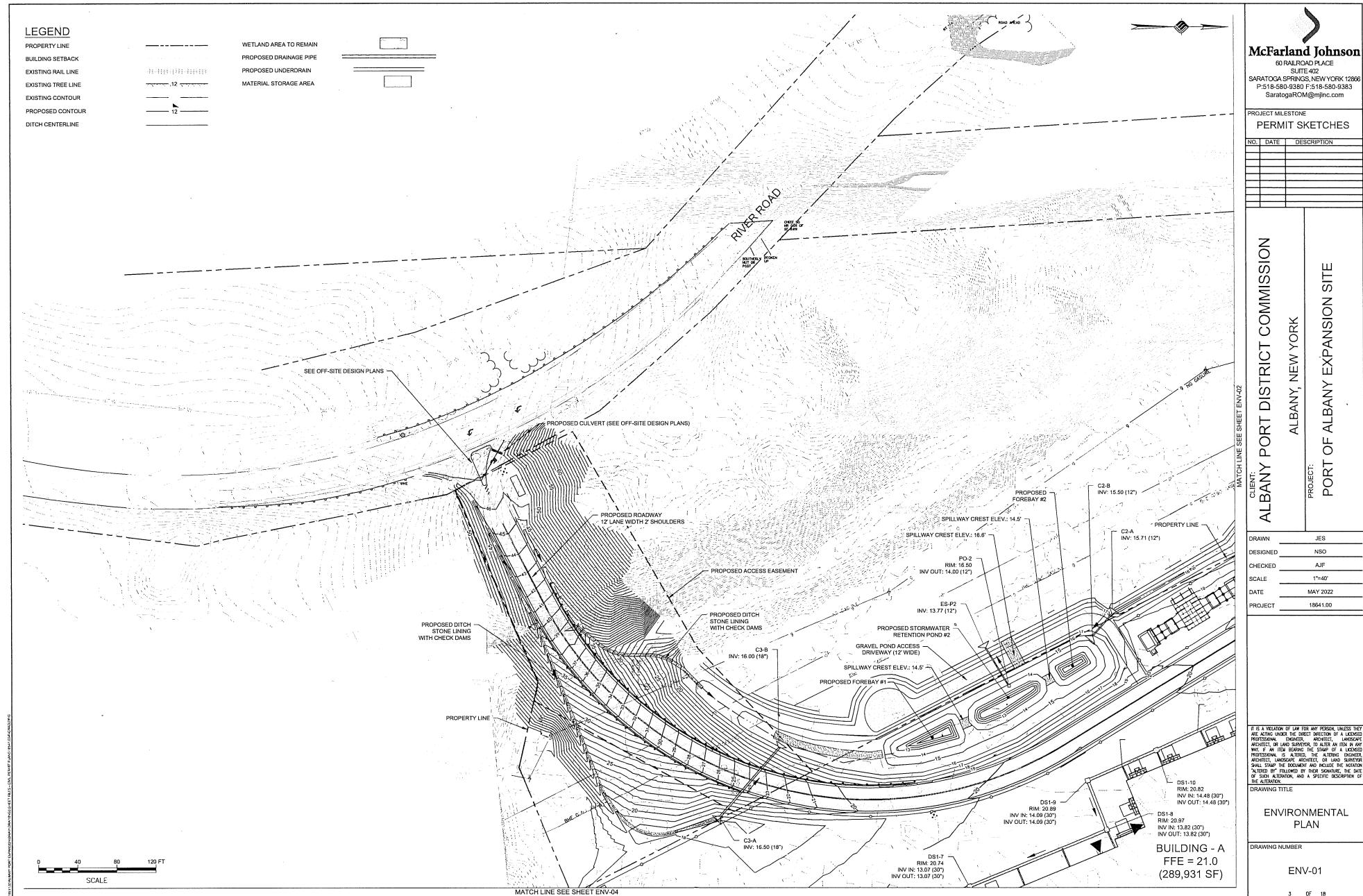
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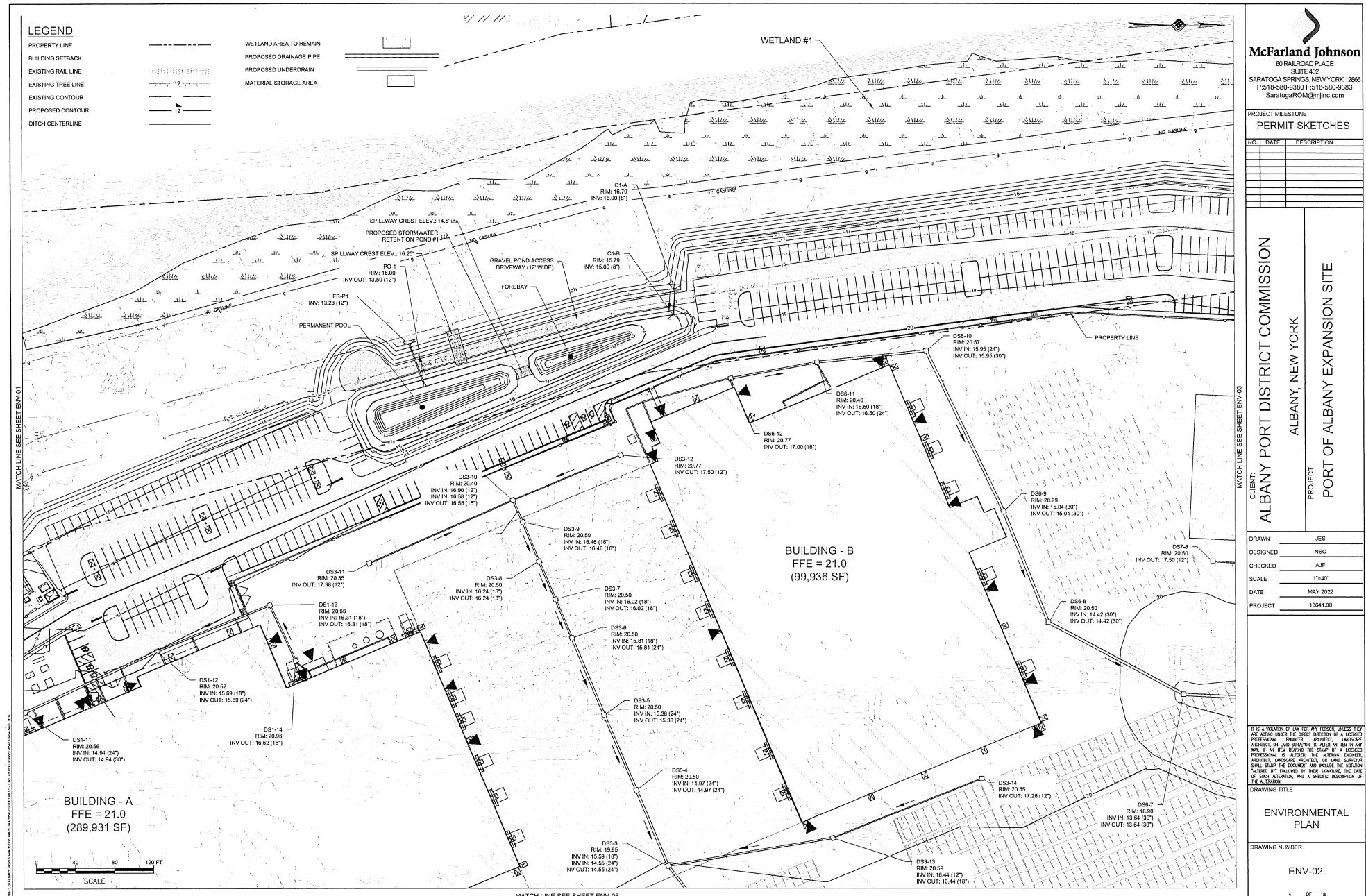
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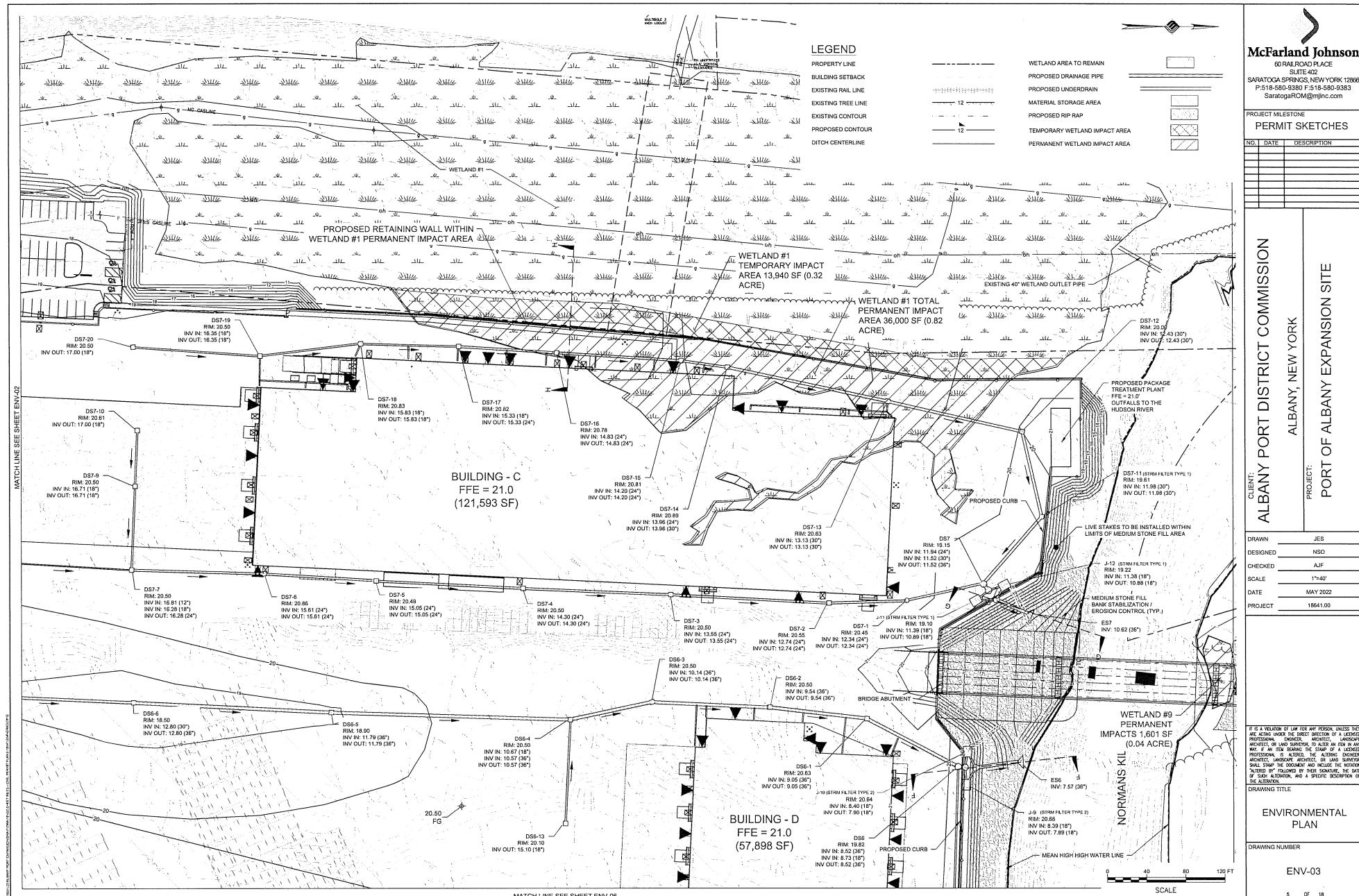
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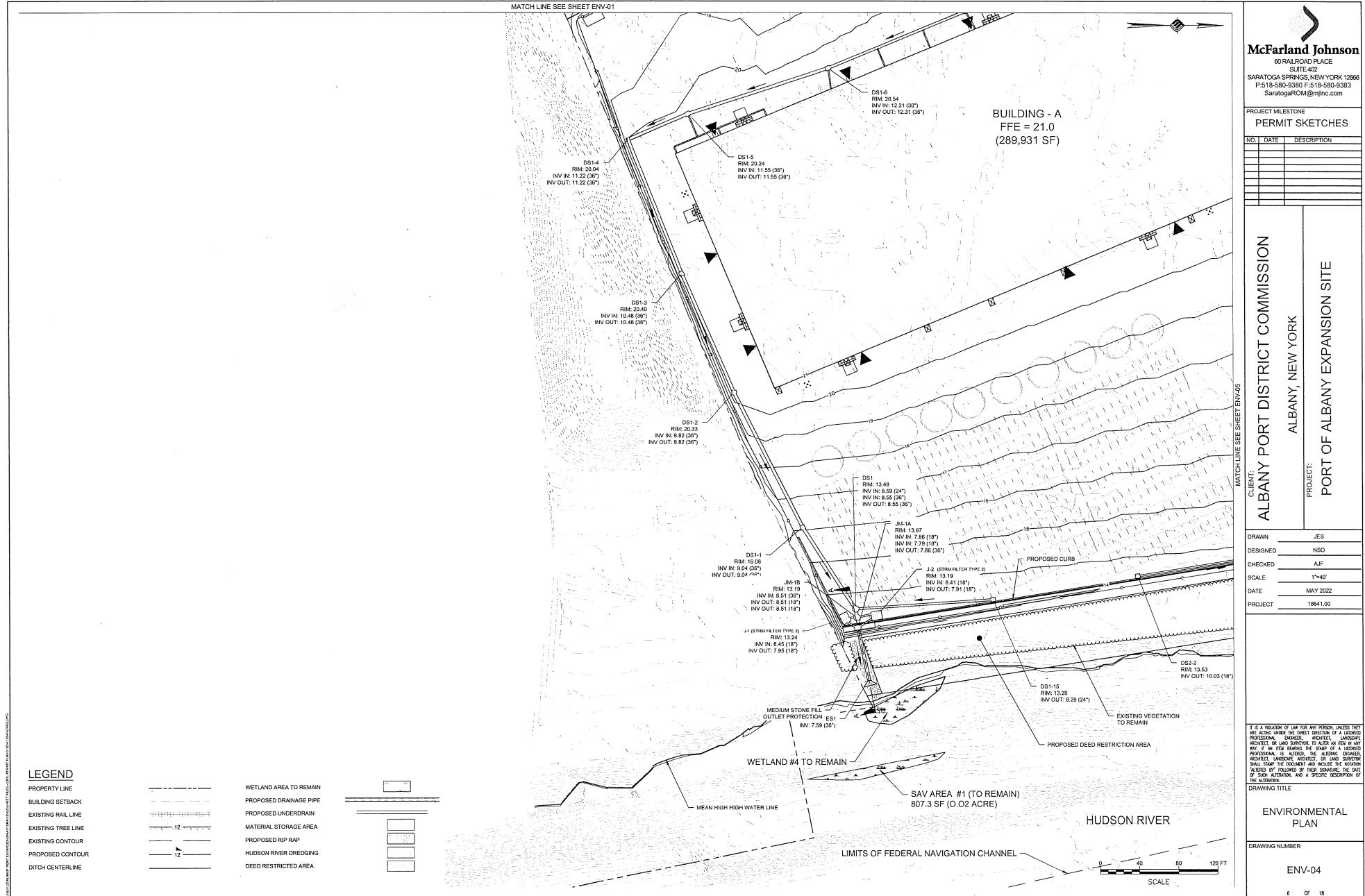
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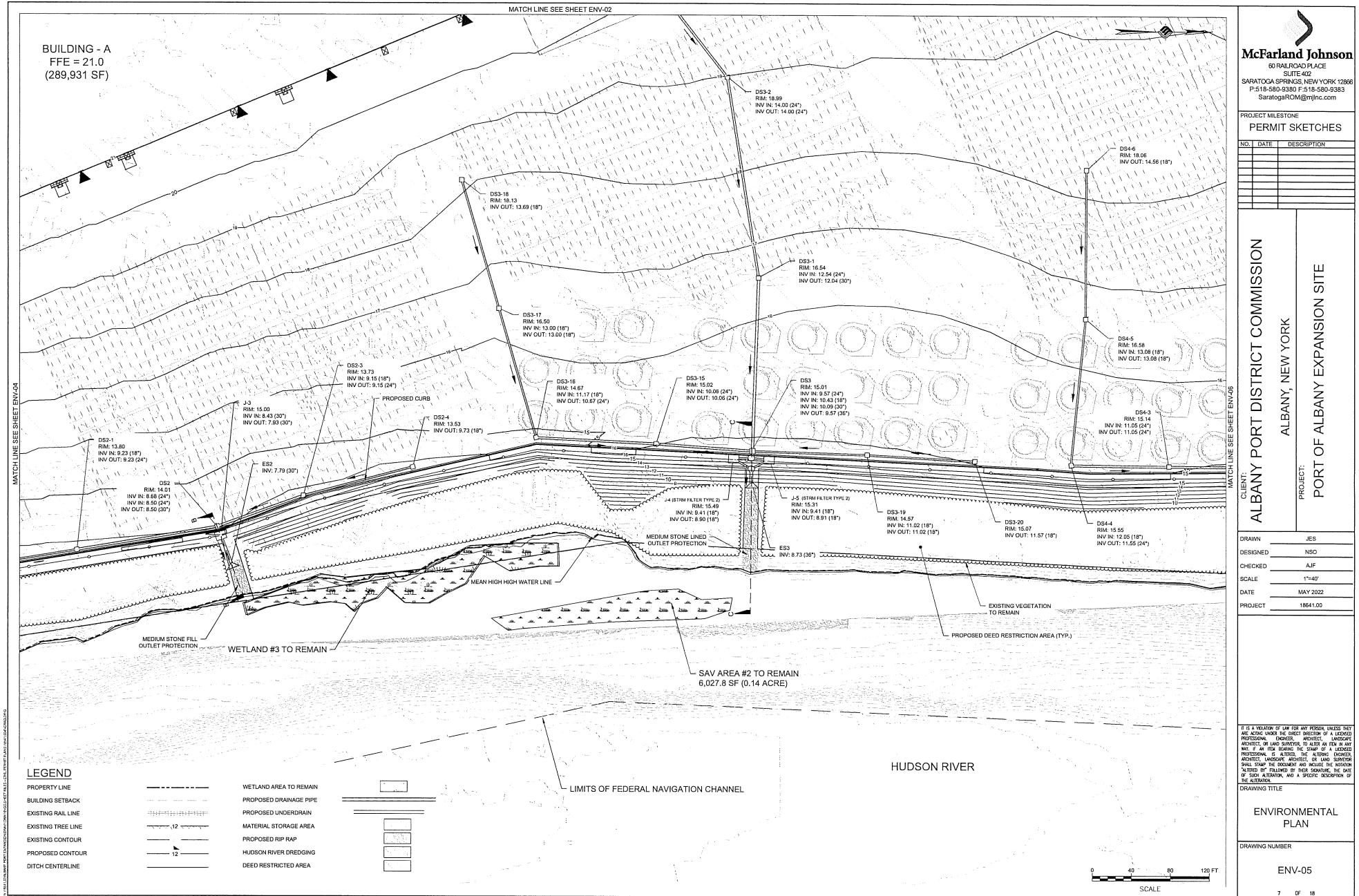
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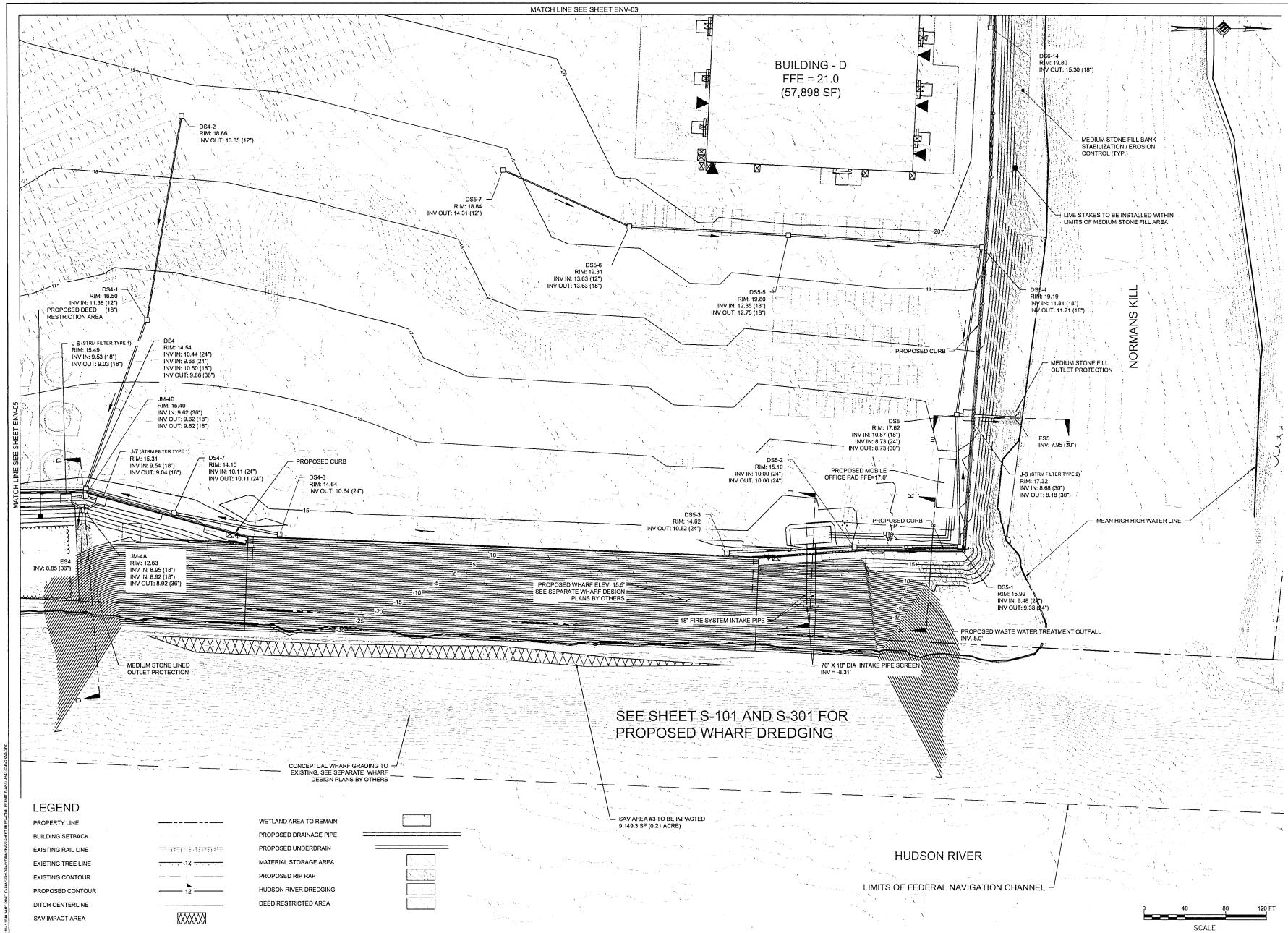












McFarland Johnson
60 RAILROAD PLACE
SUITE 402
SARATOGA SPRINGS, NEW YORK 12866
P:518-580-9380 F:518-580-9383
SaratogaROM@mjlnc.com

ALBANY PORT DISTRICT COMMISSION

PROJECT: REPORT OF ALBANY EXPANSION SITE
ALBANY, NEW YORK

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| 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 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 THE ALTERATION.

ENVIRONMENTAL PLAN

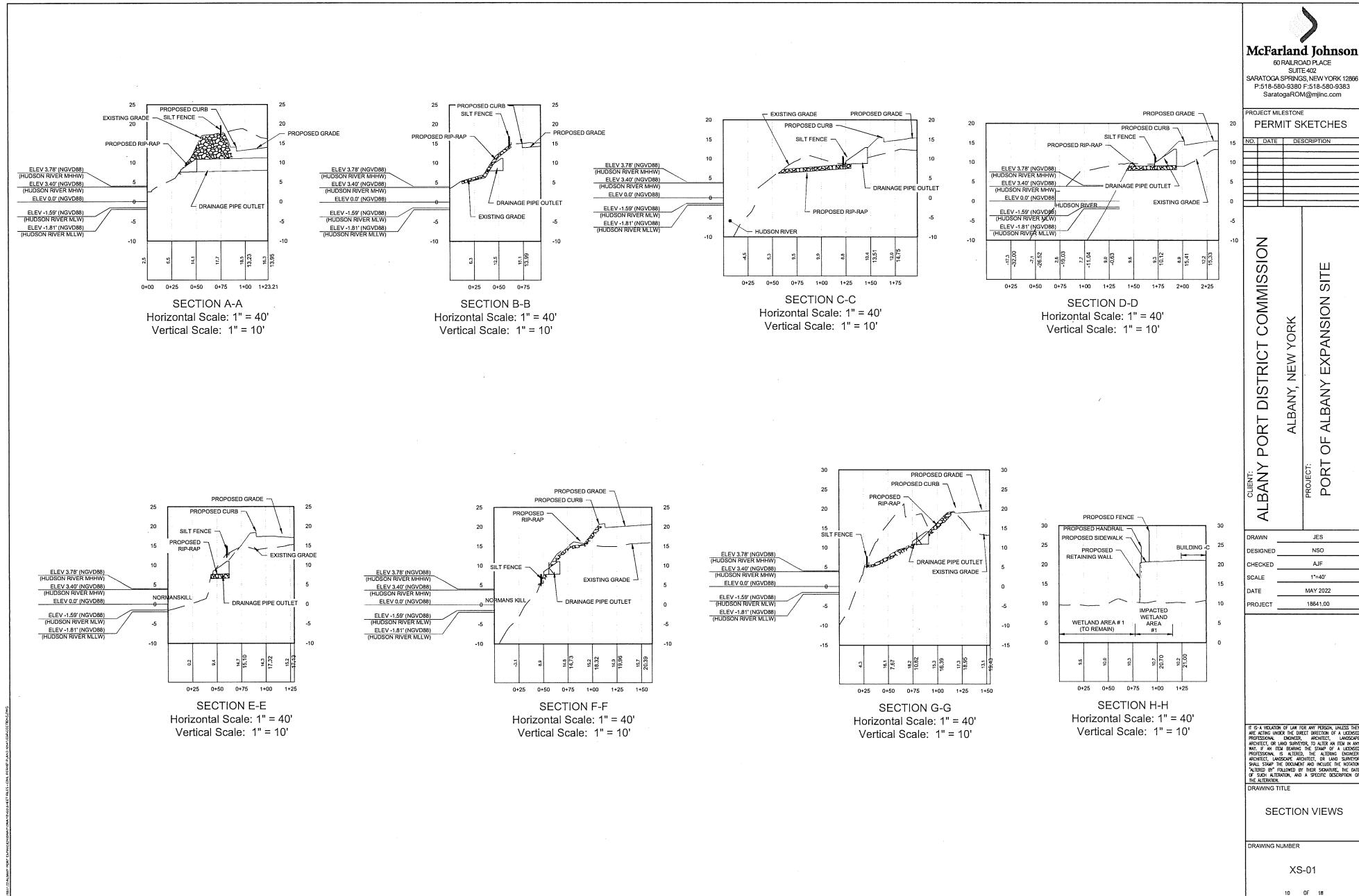
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Albany Port District Commission

NAN-2021-00948-UDA

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McFarland Johnson
60 RAILROAD PLACE
SUITE 402
SARATOGA SPRINGS, NEW YORK 12866
P:518-580-5380 F:518-580-5383
SaratogaRON@mjinc.com

PROJECT MILESTONE
PERMIT SKETCHES

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CLIENT:
ALBANY PORT DISTRICT COMMISSION
ALBANY, NEW YORK

PROJECT:
PORT OF ALBANY EXPANSION SITE

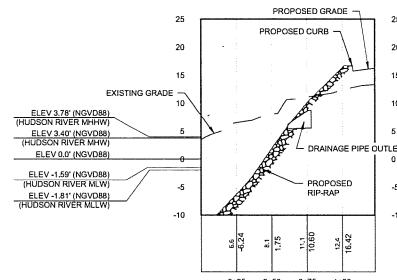
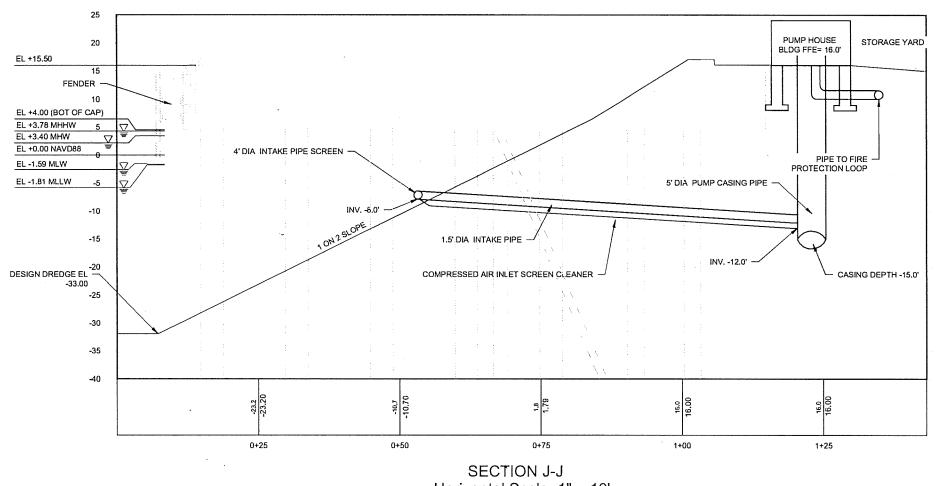
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| DRAWN | JES |
| DESIGNED | NSO |
| CHECKED | AJF |
| SCALE | 1"=40' |
| DATE | MAY 2022 |
| PROJECT | 18641.00 |

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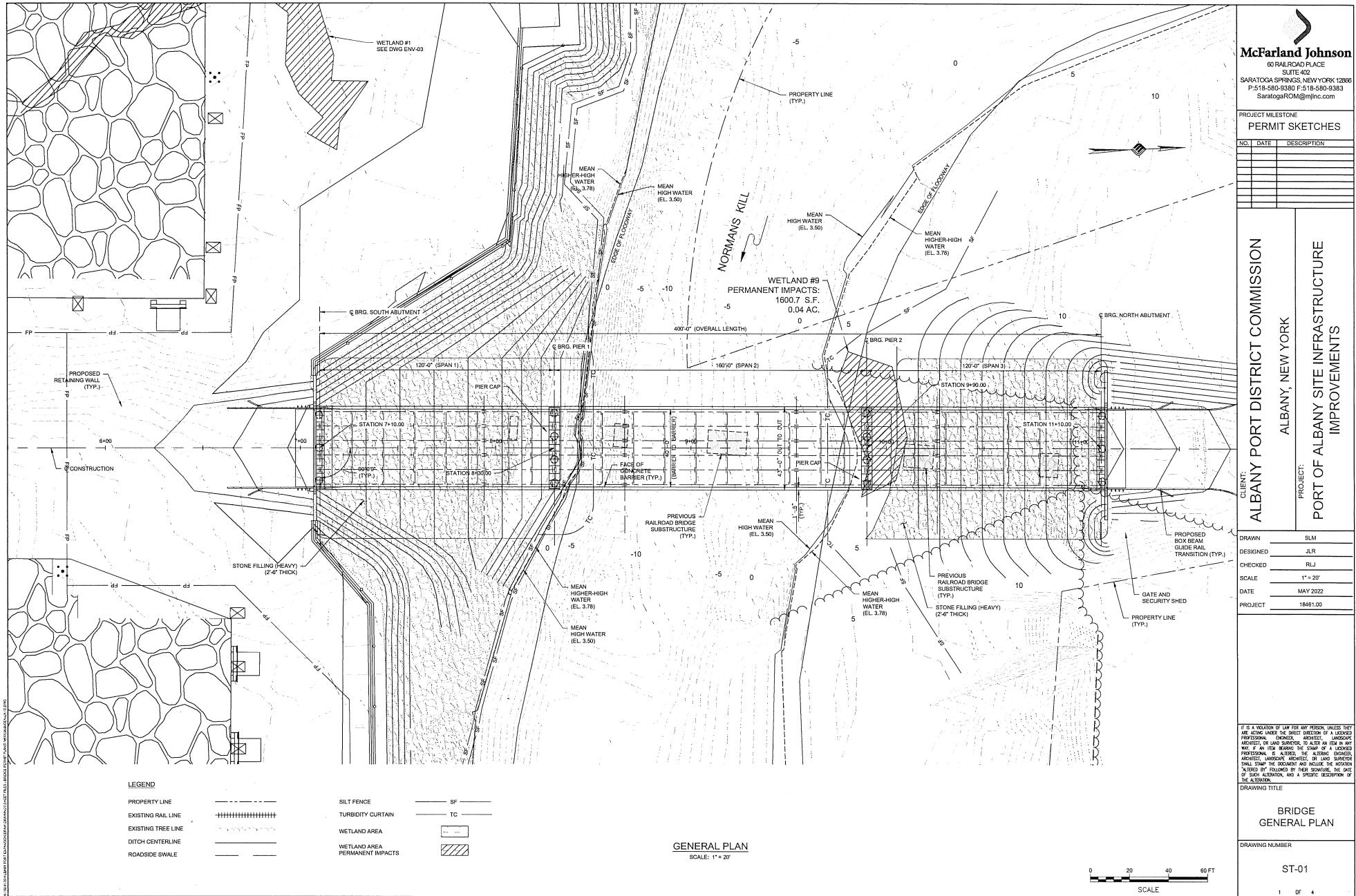
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SECTION VIEWS

DRAWING NUMBER
XS-02

OF 18



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



McFarland Johnson
651 HOLIDAY DRIVE
PLAZA SUITE 400
PITTSBURGH, PENNSYLVANIA 15220
P: 412-285-2026
Pittsburgh@Mjinc.com

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 Varied
DATE JULY 2021
PROJECT 18481.00

It is a violation of law for any person, unless so
authorized by the owner, director or supervisor,
to alter, damage, or deface any monument, or
mark, if an RIB bearing the stamp of a licensed
professional engineer, architect, landscape
architect, or land surveyor.
DRAFTS AND DRAWINGS ARE THE PROPERTY OF
THE OWNER. THEY ARE TO BE KEPT IN A
SECURE PLACE AND NOT TO BE COPIED OR
ALTERED BY ANYONE.

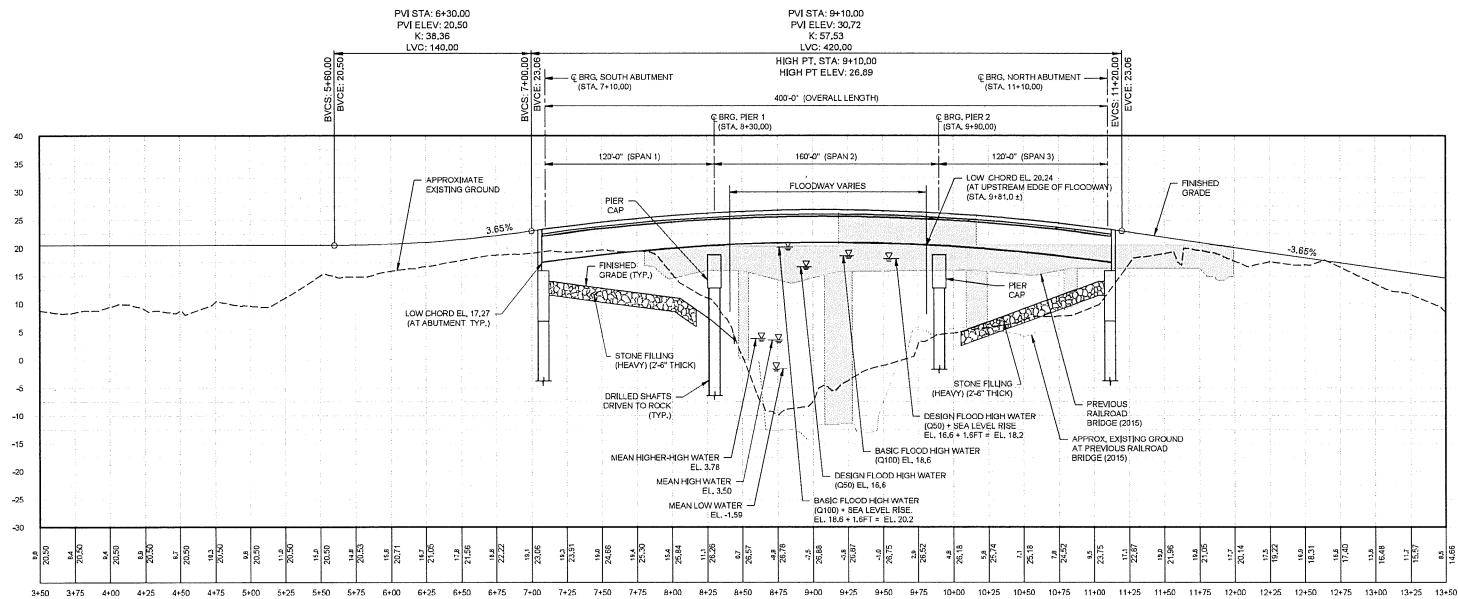
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BRIDGE PROFILE

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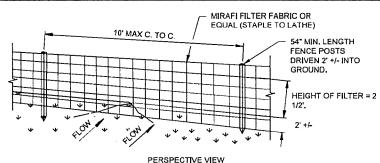
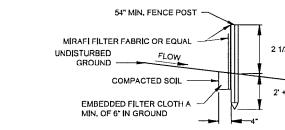
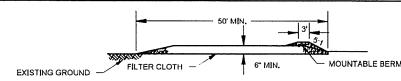
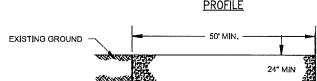
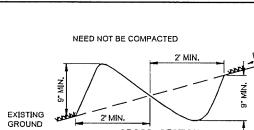
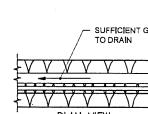
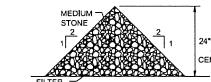
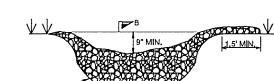
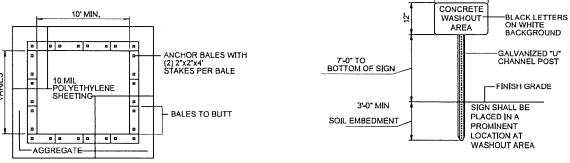
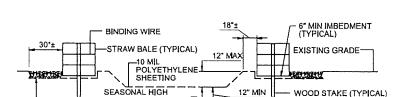
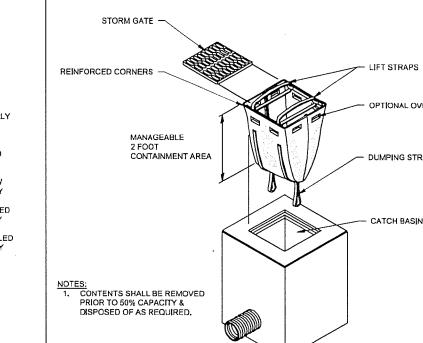
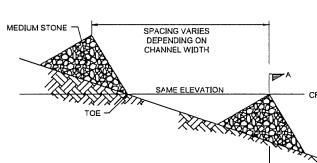
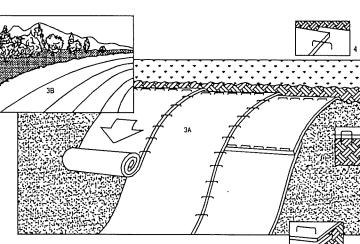


BRIDGE PROFILE

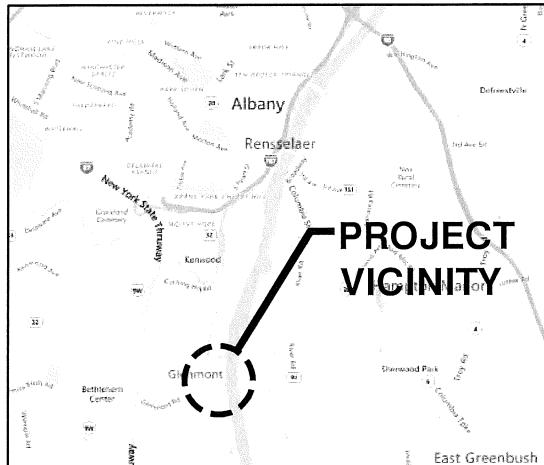
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 10'

NOTE:

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

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|  <p>MIRAFI FILTER FABRIC OR EQUAL (STAPLE TO LATH)</p> <p>10' MAX C. TO C.</p> <p>54" MIN LENGTH FENCE POSTS DRIVEN 1/4" INTO GROUND</p> <p>HEIGHT OF FILTER = 2 1/2"</p> <p>PERSPECTIVE VIEW</p>  <p>54" MIN FENCE POST</p> <p>MIRAFI FILTER FABRIC OR EQUAL UNDISTURBED GROUND</p> <p>COMPACTED SOIL</p> <p>2 1/2"</p> <p>MIN. OF 6" IN GROUND</p> <p>EMBEDDED FILTER CLOTH A MIN. OF 4"</p> <p>SECTION VIEW</p> <p>NOTES:</p> <ol style="list-style-type: none"> 1. MIRAFI FILTER FABRIC TO BE SECURED TO FENCE POSTS WITH STAPLES, POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE AND 1 1/2" IN. D. 2. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THE OVERLAP SHALL OVERLAP BY SIX INCHES AND FOLDED. 3. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "WALDES" DEVELOP IN THE SILT FENCE. |  <p>EXISTING GROUND</p> <p>50 MIN.</p> <p>FILTER CLOTH</p> <p>3' MIN.</p> <p>MOUNTABLE BERM</p> <p>PROFILE</p>  <p>EXISTING GROUND</p> <p>50 MIN.</p> <p>24" MIN</p> <p>PLAN VIEW</p> <p>NOTES:</p> <ol style="list-style-type: none"> 1. STONE SIZE - USE #3 CRUSHED STONE OR GRAVEL (PER NYSDOT SECTION 209). 2. LENGTH - NOT LESS THAN 20 FEET. 3. THICKNESS - NOT LESS THAN 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 PLACING OF STONE. 6. REINFORCEMENT - FILTER CLOTH SHALL BE TIED DOWN TO THE GROUND SURFACE. FILTER CLOTH ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE, IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 3:1 SLOPES WILL BE PROVIDED. 7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO THE PUBLIC RIGHT-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED OUT PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. 8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE. 9. PENDING INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN. |  <p>EXISTING GROUND</p> <p>5' MIN.</p> <p>Z' MIN.</p> <p>2' MIN.</p> <p>9' MIN.</p> <p>CROSS SECTION</p>  <p>SUFFICIENT GRADE TO DRAIN</p> <p>PLAN VIEW</p> <p>NOTES:</p> <ol style="list-style-type: none"> 1. ALL PERIMETER DRAWSHALE 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 AREA AT NON-EROSION POINTS. 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. SEDIMENT TRAPPING AND SWALE 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. |
| <p>SILT FENCE</p> | <p>STABILIZED CONSTRUCTION ENTRANCE</p> | <p>PERIMETER DIKE</p> |
|  <p>MEDIUM STONE</p> <p>1' 2"</p> <p>2' 1"</p> <p>24" MAX @ CENTER</p> <p>FILTER FABRIC</p> <p>SECTION B-B</p>  <p>FILTER FABRIC</p> <p>8" MIN</p> <p>12" MIN</p> <p>SECTION A-A</p> |  <p>VARIES</p> <p>10' MIN.</p> <p>ANCHOR BALES WITH (2) 2x2x4" STAKES PER BALE</p> <p>BALES TO BUTT</p> <p>AGGREGATE</p> <p>10 MIL POLYETHYLENE SHEETING</p> <p>BLACK LETTERS ON WHITE BACKGROUND</p> <p>CONCRETE WASHOUT AREA</p> <p>18"</p> <p>7'2" TO BOTTOM OF SIGN</p> <p>34" MIN SOIL EMBEDMENT</p> <p>GALVANIZED "U" CHANNEL POST</p> <p>FINISH GRADE</p> <p>PLAN</p>  <p>BINDING WIRE</p> <p>STRAW BALE (TYPICAL)</p> <p>10 MIL POLYETHYLENE SHEETING</p> <p>SEASONAL HIGH GROUNDWATER TABLE</p> <p>6" MIN IMBEDMENT (TYPICAL)</p> <p>12" MAX</p> <p>18"</p> <p>6" MIN DEPTH AGGREGATE ALL AROUND</p> <p>WOOD STAKE (TYPICAL)</p> <p>TYPICAL SECTION</p> <p>NOTES:</p> <ol style="list-style-type: none"> 1. CONTAINMENT MUST BE STRUCTURALLY SOUND AND LEAK FREE AND CONTAIN ALL LIQUID WASTES. 2. CONCRETE FACILITIES MUST BE OF SUFFICIENT QUANTITY OR VOLUME TO COMPLETELY CONTAIN THE LIQUID WASTES. 3. WASHOUT MUST BE CLEANED OR NEW FACILITIES CONSTRUCTED AND READY TO RECEIVE LIQUID WASTES FULL. 4. WASHOUT AREA(S) SHALL BE INSTALLED IN A LOCATION EASILY ACCESSIBLE BY CONSTRUCTION EQUIPMENT. 5. ONE OR MORE AREAS MAY BE INSTALLED ON THE CONSTRUCTION SITE AND MAY BE REMOVED AS CONSTRUCTION PROGRESSES. 6. AT LEAST WEEKLY REMOVE ACCUMULATED LIQUID WASTES AND AGGREGATE AND DISPOSE OF PROPERLY. |  <p>STORM GATE</p> <p>REINFORCED CORNERS</p> <p>LIFT STRAPS</p> <p>OPTIONAL OVERFLOW PORTS</p> <p>MANAGEABLE 2 FOOT CONTAINMENT AREA</p> <p>DUMPING STRAPS</p> <p>CATCH BASIN</p> <p>NOTES:</p> <ol style="list-style-type: none"> 1. CONTENTS SHALL BE REMOVED PRIOR TO 50% CAPACITY & DISPOSED OF AS REQUIRED. |
|  <p>MEDIUM STONE</p> <p>SPACING VARIES DEPENDING ON CHANNEL WIDTH</p> <p>SAME ELEVATION</p> <p>CREST</p> <p>TOE</p> <p>PROFILE</p> <p>CONSTRUCTION SPECIFICATIONS:</p> <ol style="list-style-type: none"> 1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES GRADES AND LOCATIONS SHOWN ON THE PLAN. 2. SET SPACING OF CHECK DAMS TO ASSURE THAT THE ELEVATION OF THE CREST OF THE DAM IS NOT LOWER THAN THE ELEVATION OF THE TIE OF THE UPSTREAM BANK. 3. EXTEND THE STONE A MINIMUM OF 1.5' BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM. 4. PROTECT 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. |  <p>PIPE/CULVERT</p> <p>HAND PLACED MEDIUM STONE FILLING RIP RAP NYSDOT ITEM 620.04</p> <p>TYPICAL FLARED END SECTION</p> <p>ISOMETRIC VIEW</p>  <p>PIPE/CULVERT</p> <p>HAND PLACED MEDIUM STONE FILLING RIP RAP NYSDOT ITEM 620.04</p> <p>TYPICAL FLARED END SECTION</p> <p>La (10' MIN) (as specified in chart)</p> <p>do = Pipe Dia. (see plans)</p> <p>La = Apron Length</p> <p>W = Apron Width (centered on pipe)</p> <p>d = Apron Depth</p> <p>SECTION A-A</p> <p>NOTES:</p> <ol style="list-style-type: none"> 1. d = 5 TIMES THE MAXIMUM STONE DIAMETER BUT NO LESS THAN 8" 2. INSTALL FILTER MIRAFI 500X OR APPROVED EQUAL FILTER FABRIC BETWEEN RIP RAP AND SUBGRADE. |  <p>4</p> <p>3B</p> <p>3A</p> <p>2</p> <p>INSTALLATION OF GEOSYNTHETICS EROSION CONTROL MATS:</p> <ol style="list-style-type: none"> 1. EROSION CONTROL MATS SHALL BE UTILIZED ON ALL SLOPES OF 3:1 OR GREATER REQUIRING PERMANENT STABILIZATION. 2. SLOPES OF 3:1 OR GREATER EROSION CONTROL MATS SHALL BE INSTALLED, ANCHORED AND SOIL FILLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND INSTALLATION PROCEDURES. 3. SEEDING SHALL BE COMPLETED IN ACCORDANCE WITH THE MANUFACTURER'S SEEDING SPECIFICATIONS ABOVE PRIOR TO PLACEMENT OF THE EROSION CONTROL MAT. A SEEDING RATE OF 100 LB/Acre IS RECOMMENDED. SEEDING SHALL BE APPLIED AFTER THE MAT IS IN PLACE, PRIOR TO SOIL FILLING THE MAT. 4. CONDUCT REGULAR MAINTENANCE, RESEEDING AND REPAIR OF MATS AND SLOPES UNTIL PERMANENT STABILIZATION IS ACHIEVED. <p>NOTES:</p> <p>REFERS TO GENERAL STAPLE PATTERN GUIDE FOR CORRECT STAPLE PATTERN RECOMMENDATIONS FOR SLOPE INSTALLATIONS.</p> <ol style="list-style-type: none"> 1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF I.M.C., FERTILIZER, AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT NEED PREPARED AREA, CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN. 2. BACKFILL TRENCHES TO A MAXIMUM OF 12" DEEP. DO NOT EXCAVATE A TRENCH DEEPER THAN 12" AND DO NOT ALLOW SOIL TO FALL INTO THE TRENCH. 3. ROLL THE BLANKETS AL DOWNTURN (OR HORIZONTAL) ACROSS THE SLOPES. 4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP. 5. WHEN BLANKETS ARE MULCHED, SPREAD THE MULCH OVER THE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 4" OVERLAP, THOUGH OVERLAPPED AREA APPROXIMATELY 12" APART. 6. MANUFACTURER'S INSTALLATION INSTRUCTIONS SHALL SUPERCEDE THIS DETAIL. <p>EROSION AND SEDIMENT CONTROL DETAILS</p> <p>DRAWING NUMBER: ESC-06</p> <p>DRAWING TITLE: EROSION AND SEDIMENT CONTROL</p> <p>CLIENT: ALBANY PORT DISTRICT COMMISSION</p> <p>PROJECT: PORT OF ALBANY EXPANSION SITE</p> <p>ALBANY, NEW YORK</p> <p>SCALE: 1"=40'</p> <p>DATE: JULY 2021</p> <p>DRAWN: JES</p> <p>DESIGNED: NSO</p> <p>CHECKED: AJH</p> <p>PROJECT: 18641.00</p> |
| <p>LIGHT STONE CHECK DAM</p> | <p>OUTLET PROTECTION - RIP RAP</p> | <p>EROSION CONTROL MAT INSTALLATION</p> |

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| **SEDIMENT BASIN** | **STONE OUTLET SEDIMENT TRAP** NOTES: 1. CONTRACTOR SHALL PLACE A 4" DIAM. METAL PIPE AT A MINIMUM OF 36" BELOW THE BASIN BOTTOM ELEVATION ENCASED IN 12" OF 4000 PSI CONCRETE. 2. CONTRACTOR SHALL MARK THE CONTRACTOR'S ELEVATION MARKER ON THE PVC PIPE TO INDICATE WHEN MAINTENANCE IS REQUIRED. 3. SEDIMENT DEPTH GAUGE REQUIRED FOR SEDIMENT BASINS, FOREBAYS, AND INFILTRATION BASINS. | OPTION: A ONE FOOT LAYER OF NY'S DOT #2 STONE MAY BE PLACED ON THE UPSTREAM SIDE OF THE RIPRAP INFLACE OF THE EMBEDDED FILTER CLOTH. NOTES: 1. AREA UNDER EMBANKMENT SHALL BE CLEARED, GRUBBED AND STRIMMED OF ALL VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE DREDGED. 2. THE FILL MATERIAL FOR THE EMBANKMENT SHALL BE FREE OF ROOTS AND OTHER WOODY VEGETATION AS WELL AS OVERHANGING BRANCHES. NO PLASTIC, POLYTHENE OR OTHER ORGANICABLE MATERIAL. THE EMBANKMENT SHALL BE COMPACTED BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING BUILT. 3. ALL CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER. 4. THE STONE USED IN THE OUTLET SHALL BE SMALL 1/2" - 1" ALONG THE APRON AND SMALLER SIZE STONE PLACED ON THE UP-GRADE SIDE ON THE SMALL RIPRAP OR EMBEDDED FILTER CLOTH IN THE RIPRAP. 5. EMBANKMENT REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 3'. THE DESIGN DEPTH OF THE TRAP, IT SHALL BE PLACED ON SITE AND RE-BUILT. 6. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED. 7. DREDGING OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND SEDIMENT ARE CONTROLLED. 8. THE STRUCTURE SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE DRAINAGE AREA HAS BEEN PROPERLY STABILIZED. 9. THE MAXIMUM DRAINAGE AREA IS 5 ACRES. McFarland Johnson 60 RAILROAD PLACE SUITE 402 SARATOGA SPRINGS, NEW YORK 12866 P:518-580-0380 F:518-580-3383 SaratogaROM@mjhc.com PROJECT MILESTONE **PERMIT SKETCHES** | NO. | DATE | DESCRIPTION | |-----|------|-------------| | 1 | | | | 2 | | | | 3 | | | | 4 | | | | 5 | | | | 6 | | | | 7 | | | | 8 | | | | 9 | | | | 10 | | | | 11 | | | | 12 | | | | 13 | | | | 14 | | | | 15 | | | | 16 | | | | 17 | | | | 18 | | | | 19 | | | | 20 | | | | 21 | | | | 22 | | | | 23 | | | | 24 | | | | 25 | | | | 26 | | | | 27 | | | | 28 | | | | 29 | | | | 30 | | | | 31 | | | | 32 | | | | 33 | | | | 34 | | | | 35 | | | | 36 | | | | 37 | | | | 38 | | | | 39 | | | | 40 | | | | 41 | | | | 42 | | | | 43 | | | | 44 | | | | 45 | | | | 46 | | | | 47 | | | | 48 | | | | 49 | | | | 50 | | | | 51 | | | | 52 | | | | 53 | | | | 54 | | | | 55 | | | | 56 | | | | 57 | | | | 58 | | | | 59 | | | | 60 | | | | 61 | | | | 62 | | | | 63 | | | | 64 | | | | 65 | | | | 66 | | | | 67 | | | | 68 | | | | 69 | | | | 70 | | | | 71 | | | | 72 | | | | 73 | | | | 74 | | | | 75 | | | | 76 | | | | 77 | | | | 78 | | | | 79 | | | | 80 | | | | 81 | | | | 82 | | | | 83 | | | | 84 | | | | 85 | | | | 86 | | | | 87 | | | | 88 | | | | 89 | | | | 90 | | | | 91 | | | | 92 | | | | 93 | | | | 94 | | | | 95 | | | | 96 | | | | 97 | | | | 98 | | | | 99 | | | | 100 | | | | 101 | | | | 102 | | | | 103 | | | | 104 | | | | 105 | | | | 106 | | | | 107 | | | | 108 | | | | 109 | | | | 110 | | | | 111 | | | | 112 | | | | 113 | | | | 114 | | | | 115 | | | | 116 | | | | 117 | | | | 118 | | | | 119 | | | | 120 | | | | 121 | | | | 122 | | | | 123 | | | | 124 | | | | 125 | | | | 126 | | | | 127 | | | | 128 | | | | 129 | | | | 130 | | | | 131 | | | | 132 | | | | 133 | | | | 134 | | | | 135 | | | | 136 | | | | 137 | | | | 138 | | | | 139 | | | | 140 | | | | 141 | | | | 142 | | | | 143 | | | | 144 | | | | 145 | | | | 146 | | | | 147 | | | | 148 | | | | 149 | | | | 150 | | | | 151 | | | | 152 | | | | 153 | | | | 154 | | | | 155 | | | | 156 | | | | 157 | | | | 158 | | | | 159 | | | | 160 | | | | 161 | | | | 162 | | | | 163 | | | | 164 | | | | 165 | | | | 166 | | | | 167 | | | | 168 | | | | 169 | | | | 170 | | | | 171 | | | | 172 | | | | 173 | | | | 174 | | | | 175 | | | | 176 | | | | 177 | | | | 178 | | | | 179 | | | | 180 | | | | 181 | | | | 182 | | | | 183 | | | | 184 | | | | 185 | | | | 186 | | | | 187 | | | | 188 | | | | 189 | | | | 190 | | | | 191 | | | | 192 | | | | 193 | | | | 194 | | | | 195 | | | | 196 | | | | 197 | | | | 198 | | | | 199 | | | | 200 | | | | 201 | | | | 202 | | | | 203 | | | | 204 | | | | 205 | | | | 206 | | | | 207 | | | | 208 | | | | 209 | | | | 210 | | | | 211 | | | | 212 | | | | 213 | | | | 214 | | | | 215 | | | | 216 | | | | 217 | | | | 218 | | | | 219 | | | | 220 | | | | 221 | | | | 222 | | | | 223 | | | | 224 | | | | 225 | | | | 226 | | | | 227 | | | | 228 | | | | 229 | | | | 230 | | | | 231 | | | | 232 | | | | 233 | | | | 234 | | | | 235 | | | | 236 | | | | 237 | | | | 238 | | | | 239 | | | | 240 | | | | 241 | | | | 242 | | | | 243 | | | | 244 | | | | 245 | | | | 246 | | | | 247 | | | | 248 | | | | 249 | | | | 250 | | | | 251 | | | | 252 | | | | 253 | | | | 254 | | | | 255 | | | | 256 | | | | 257 | | | | 258 | | | | 259 | | | | 260 | | | | 261 | | | | 262 | | | | 263 | | | | 264 | | | | 265 | | | | 266 | | | | 267 | | | | 268 | | | | 269 | | | | 270 | | | | 271 | | | | 272 | | | | 273 | | | | 274 | | | | 275 | | | | 276 | | | | 277 | | | | 278 | | | | 279 | | | | 280 | | | | 281 | | | | 282 | | | | 283 | | | | 284 | | | | 285 | | | | 286 | | | | 287 | | | | 288 | | | | 289 | | | | 290 | | | | 291 | | | | 292 | | | | 293 | | | | 294 | | | | 295 | | | | 296 | | | | 297 | | | | 298 | | | | 299 | | | | 300 | | | | 301 | | | | 302 | | | | 303 | | | | 304 | | | | 305 | | | | 306 | | | | 307 | | | | 308 | | | | 309 | | | | 310 | | | | 311 | | | | 312 | | | | 313 | | | | 314 | | | | 315 | | | | 316 | | | | 317 | | | | 318 | | | | 319 | | | | 320 | | | | 321 | | | | 322 | | | | 323 | | | | 324 | | | | 325 | | | | 326 | | | | 327 | | | | 328 | | | | 329 | | | | 330 | | | | 331 | | | | 332 | | | | 333 | | | | 334 | | | | 335 | | | | 336 | | | | 337 | | | | 338 | | | | 339 | | | | 340 | | | | 341 | | | | 342 | | | | 343 | | | | 344 | | | | 345 | | | | 346 | | | | 347 | | | | 348 | | | | 349 | | | | 350 | | | | 351 | | | | 352 | | | | 353 | | | | 354 | | | | 355 | | | | 356 | | | | 357 | | | | 358 | | | | 359 | | | | 360 | | | | 361 | | | | 362 | | | | 363 | | | | 364 | | | | 365 | | | | 366 | | | | 367 | | | | 368 | | | | 369 | | | | 370 | | | | 371 | | | | 372 | | | | 373 | | | | 374 | | | | 375 | | | | 376 | | | | 377 | | | | 378 | | | | 379 | | | | 380 | | | | 381 | | | | 382 | | | | 383 | | | | 384 | | | | 385 | | | | 386 | | | | 387 | | | | 388 | | | | 389 | | | | 390 | | | | 391 | | | | 392 | | | | 393 | | | | 394 | | | | 395 | | | | 396 | | | | 397 | | | | 398 | | | | 399 | | | | 400 | | | | 401 | | | | 402 | | | | 403 | | | | 404 | | | | 405 | | | | 406 | | | | 407 | | | | 408 | | | | 409 | | | | 410 | | | | 411 | | | | 412 | | | | 413 | | | | 414 | | | | 415 | | | | 416 | | | | 417 | | | | 418 | | | | 419 | | | | 420 | | | | 421 | | | | 422 | | | | 423 | | | | 424 | | | | 425 | | | | 426 | | | | 427 | | | | 428 | | | | 429 | | | | 430 | | | | 431 | | | | 432 | | | | 433 | | | | 434 | | | | 435 | | | | 436 | | | | 437 | | | | 438 | | | | 439 | | | | 440 | | | | 441 | | | | 442 | | | | 443 | | | | 444 | | | | 445 | | | | 446 | | | | 447 | | | | 448 | | | | 449 | | | | 450 | | | | 451 | | | | 452 | | | | 453 | | | | 454 | | | | 455 | | | | 456 | | | | 457 | | | | 458 | | | | 459 | | | | 460 | | | | 461 | | | | 462 | | | | 463 | | | | 464 | | | | 465 | | | | 466 | | | | 467 | | | | 468 | | | | 469 | | | | 470 | | | | 471 | | | | 472 | | | | 473 | | | | 474 | | | | 475 | | | | 476 | | | | 477 | | | | 478 | | | | 479 | | | | 480 | | | | 481 | | | | 482 | | | | 483 | | | | 484 | | | | 485 | | | | 486 | | | | 487 | | | | 488 | | | | 489 | | | | 490 | | | | 491 | | | | 492 | | | | 493 | | | | 494 | | | | 495 | | | | 496 | | | | 497 | | | | 498 | | | | 499 | | | | 500 | | | | 501 | | | | 502 | | | | 503 | | | | 504 | | | | 505 | | | | 506 | | | | 507 | | | | 508 | | | | 509 | | | | 510 | | | | 511 | | | | 512 | | | | 513 | | | | 514 | | | | 515 | | | | 516 | | | | 517 | | | | 518 | | | | 519 | | | | 520 | | | | 521 | | | | 522 | | | | 523 | | | | 524 | | | |



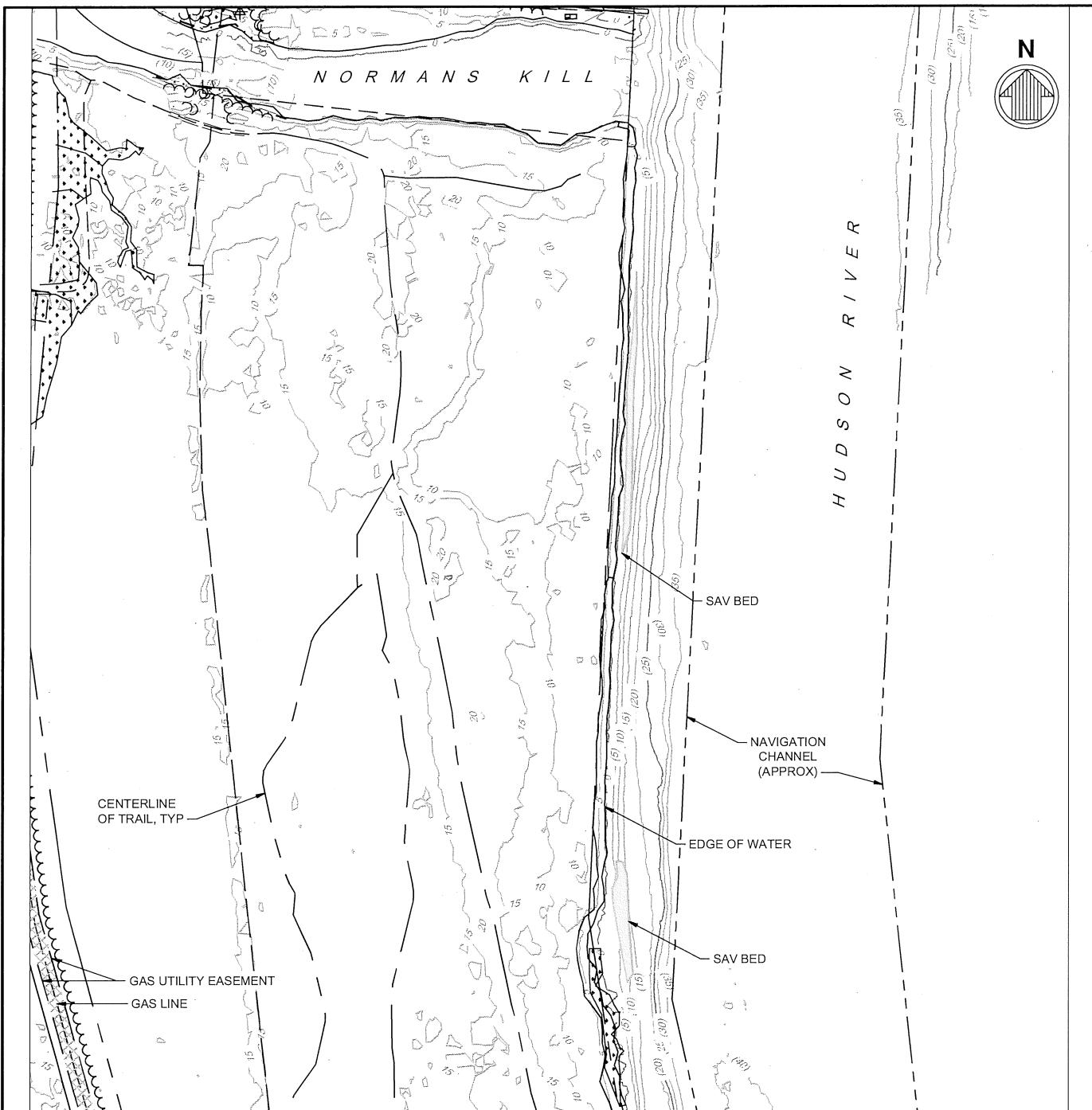
VICINITY AND LOCATION MAP

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)

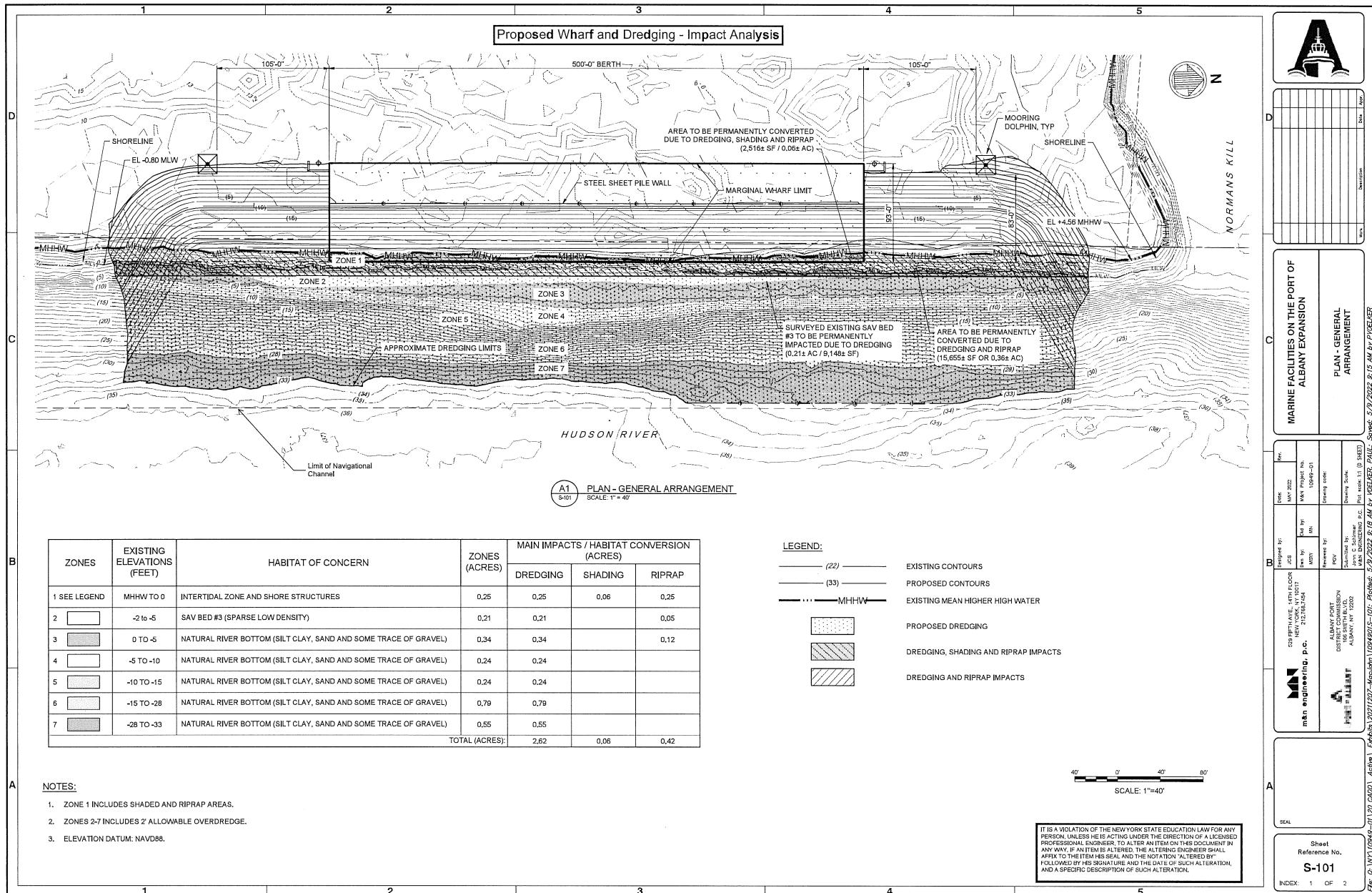
| | | |
|---|---|---|
| PURPOSE: WHARF CONSTRUCTION PERMIT SUBMITTAL-NOT TO BE USED FOR CONSTRUCTION DATUM: NGVD29  m & n engineering, p.c. | OWNER/APPLICANT: ALBANY PORT DISTRICT COMMISSION PORT OF ALBANY IN: NEAR: LOCATION: HUDSON RIVER SOUTH OF ALBANY PORT OF ALBANY 106 SMITH BOULEVARD ALBANY, NEW YORK 12202 | WHARF DREDGING AND CONSTRUCTION VICINITY AND LOCATION DATE: 2021-07-15 |
|---|---|---|



PLAN - EXISTING CONDITIONS

150' 0' 150' 300'
SCALE: 1"=300'

| | | |
|---|---|--|
| 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: NEAR: LOCATION: HUDSON RIVER SOUTH OF ALBANY PORT OF ALBANY 106 SMITH BOULEVARD ALBANY, NEW YORK 12202 | WHARF DREDGING AND CONSTRUCTION PLAN - EXISTING CONDITIONS DATE: 2021-07-15 |
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Proposed Wharf and Dredging - Impact Analysis

