



-----  
 Required Inspections  
 -----

Seq	Insp Code	Description	Initials	Date
10	5000	FLOOD PLAIN FINAL INSPECTION	_____	__/__/__

All of the above inspections, if applicable are mandatory. Proceeding with work without inspections and approval will result in a stop work order being issued. If any questions arise during construction, check with an inspector before continuing work. All inspections must be requested 24 hours in advance.

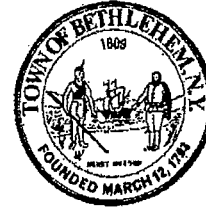
**Note:** A certificate of Occupancy must be issued prior to the occupation of any structure as required under provisions set forth in the New York State Building Code. Violations of this provision may be punishable by fines, imprisonment of both.

David VanLuven  
Town Supervisor

Robert Leslie, AICP  
Director of Planning

Justin Harbinger  
Building Inspector

**TOWN OF BETHLEHEM**  
Albany County - New York  
**ECONOMIC DEVELOPMENT AND PLANNING**  
BUILDING DIVISION  
445 DELAWARE AVENUE  
DELMAR, NEW YORK 12054  
(518) 439-4955 x1112  
Email: jharbinger@townofbethlehem.org



APPLICATION # 22-509

**FLOODPLAIN DEVELOPMENT PERMIT APPLICATION**

This form is to be filled out in duplicate.

**SECTION 1: GENERAL PROVISIONS (APPLICANT must read and sign):**

1. No work may start until a permit is issued.
2. The permit may be revoked if any false statements are made herein.
3. If revoked, all work must cease until permit is re-issued.
4. Development shall not be used or occupied until a Certificate of Compliance is issued.
5. The permit is invalid if no work is commenced within six months of issuance, and expires 2 years from date of issuance.
6. Applicant is hereby informed that other permits may be required to fulfill local, state and federal regulatory requirements.
7. Applicant hereby gives consent to the Building Inspector or his/her representative to make reasonable inspections required to verify compliance.
8. I, THE APPLICANT, CERTIFY THAT ALL STATEMENTS HEREIN AND IN ATTACHMENTS TO THIS APPLICATION ARE, TO THE BEST OF MY KNOWLEDGE, TRUE AND ACCURATE.

(APPLICANT'S SIGNATURE)

Richard J. Harbinger DATE 5-23-2022

**FLOODPLAIN DEVELOPMENT PERMIT APPLICATION**

**SECTION 2: PROPOSED DEVELOPMENT (to be completed by APPLICANT)**

	NAME	ADDRESS	MUST include area code TELEPHONE
APPLICANT	Albany Port District Commission	106 Smith Boulevard, Albany, NY 12202	(518) 463-8763
BUILDER	WM. J. Keller & Sons Construction Corp.	1435 Route 9, Castleton, NY 12033	(518) 732-4574
ENGINEER	McFarland Johnson, Inc.	60 Railroad Place, Suite 402, Saratoga Springs, NY 12866	(518) 580-9380

**PROJECT LOCATION:**

To avoid delay in processing the application, please provide enough information to easily identify the project location. Provide the street address, lot number or legal description (attach) and, outside urban areas, the distance to the nearest intersecting road or well-known landmark. A survey showing the proposed location of the work or activity is required.

Port of Albany Expansin Site (aka Beacon Island) - 309 River Road, Glenmont, NY 12077

Tax ID: 98.01-2-10 & 98.00-2-10.23

The project site is located along the Hudson River immediately south of the Normans Kill's outlet into the Hudson River.

**DESCRIPTION OF WORK (Check all applicable boxes):**

**A. STRUCTURAL DEVELOPMENT**

<u>ACTIVITY</u>	<u>STRUCTURE TYPE</u>
<input checked="" type="checkbox"/> New Structure	<input type="checkbox"/> Residential (1-4 Family)
<input type="checkbox"/> Addition	<input type="checkbox"/> Residential (More than 4 Family)
<input type="checkbox"/> Alteration	<input checked="" type="checkbox"/> Non-residential (Floodproofing? <input type="checkbox"/> Yes)
<input type="checkbox"/> Relocation	<input type="checkbox"/> Combined Use (Residential & Commercial)
<input type="checkbox"/> Demolition	<input type="checkbox"/> Manufactured (Mobile) Home
<input type="checkbox"/> Replacement	(In Manufactured Home Park? <input type="checkbox"/> Yes <input type="checkbox"/> No)

ESTIMATED COST OF PROJECT \$ \$350 Million

**B. OTHER DEVELOPMENT ACTIVITIES:**

- Fill  Mining  Drilling  Grading
- Excavation (except for Structural Development Checked Above)
- Watercourse Alteration (including Dredging and Channel Modifications)
- Drainage Improvements (including Culvert Work), Stormwater Control Structures or Ponds
- Road, Street or Bridge Construction
- Subdivision (New or Expansion)
- Individual Water or Sewer System
- Other (Please Specify) \_\_\_\_\_

After completing SECTION 2, APPLICANT should submit form to Local Administrator for review.

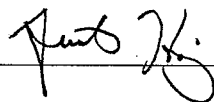
**FLOODPLAIN DEVELOPMENT PERMIT APPLICATION**

**SECTION 3: FLOODPLAIN DETERMINATION** (to be completed by **Building Inspector**)

The proposed development is located on FIRM Panel No. 360010307D, Dated 3/16/2015

The Proposed Development:

- The proposed development is reasonably safe from flooding. Entire property is in Zone B, C or X.
- The proposed development is in/adjacent to a flood prone area.  
100-Year flood elevation at the site is  
18.0 Ft.  
 NGVD 1929/     NAVD 1988 (MSL)  
 Unavailable
- See Section 4 for additional instructions for development that is or may be in a flood prone area.

SIGNED  DATE 6/15/2022

**FLOODPLAIN DEVELOPMENT PERMIT APPLICATION**

**SECTION 4: ADDITIONAL INFORMATION REQUIRED (to be completed by Building Inspector)**

The applicant must submit the documents checked below before the application can be processed:

- A site plan showing the location of all existing structures, water bodies, adjacent roads, lot dimensions and proposed development.
- Development plans and specifications, drawn to scale, including where applicable: details for anchoring structures, proposed elevation of lowest floor (including basement), types of water resistant materials used below the first floor, details of floodproofing of utilities located below the first floor, details of enclosures below the first floor, openings in foundation for entry and exit of floodwaters.

Other \_\_\_\_\_

- Elevation Certificate
- Subdivision or other development plans (If the subdivision or other development exceeds 50 lots or 5 acres, whichever is the lesser, the applicant must provide 100-year flood elevations if they are not otherwise available).
- Plans showing the watercourse location, proposed relocations, Floodway location.
- Topographic information showing existing and proposed grades, location of all proposed fill.
- Top of new fill elevation \_\_\_\_\_ Ft.  NGVD 1929/  NAVD 1988 (MSL)
- PE Certification of Soil Compaction
- Floodproofing protection level (non-residential only) \_\_\_\_\_  NGVD 1929/  NAVD 1988 (MSL)  
For floodproofed structures, applicant must attach certification from registered engineer or architect.

Other: PROJECT MUST BE CONSTRUCTED + COMPLETED IN  
ACCORDANCE WITH SPA 304



**FLOODPLAIN DEVELOPMENT PERMIT APPLICATION**

**SECTION 6: AS-BUILT ELEVATIONS** (to be submitted by **APPLICANT** before Certificate of Compliance is issued)

The following information must be provided for project structures. This section must be completed by a registered professional engineer or a licensed land surveyor (or attach a certification to this application). Complete 1 or 2 below.

1. Actual (As-Built) Elevation of the top of the lowest floor, including basement (in Coastal High Hazard Areas, bottom of lowest structural member of the lowest floor, excluding piling and columns) is:  
 \_\_\_\_\_ FT.  
 NGVD 1929/  
 NAVD 1988 (MSL)  
**Attach Elevation Certificate FEMA Form 81-31**
  
2. Actual (As-Built) Elevation of floodproofing protection is \_\_\_\_\_ FT.  NGVD 1929/  NAVD 1988 (MSL)  
**Attach Floodproofing Certificate FEMA Form 81-65**

NOTE: Any work performed prior to submittal of the above information is at the risk of the Applicant.

**SECTION 7: COMPLIANCE ACTION** (to be completed by **BUILDING INSPECTOR**)

The **BUILDING INSPECTOR** will complete this section as applicable based on inspection of the project to ensure compliance with the community's local law for flood damage prevention.

INSPECTIONS: DATE _____	BY _____	DEFICIENCIES? <input type="checkbox"/> YES <input type="checkbox"/> NO
DATE _____	BY _____	DEFICIENCIES? <input type="checkbox"/> YES <input type="checkbox"/> NO
DATE _____	BY _____	DEFICIENCIES? <input type="checkbox"/> YES <input type="checkbox"/> NO

**SECTION 8: CERTIFICATE OF COMPLIANCE** (to be completed by **BUILDING INSPECTOR**)

Certificate of Compliance issued: DATE \_\_\_\_\_

BY: \_\_\_\_\_



**PERMIT SKETCHES**

NO.	DATE	DESCRIPTION

**ALBANY PORT DISTRICT COMMISSION**  
 ALBANY, NEW YORK  
**PORT OF ALBANY EXPANSION SITE**

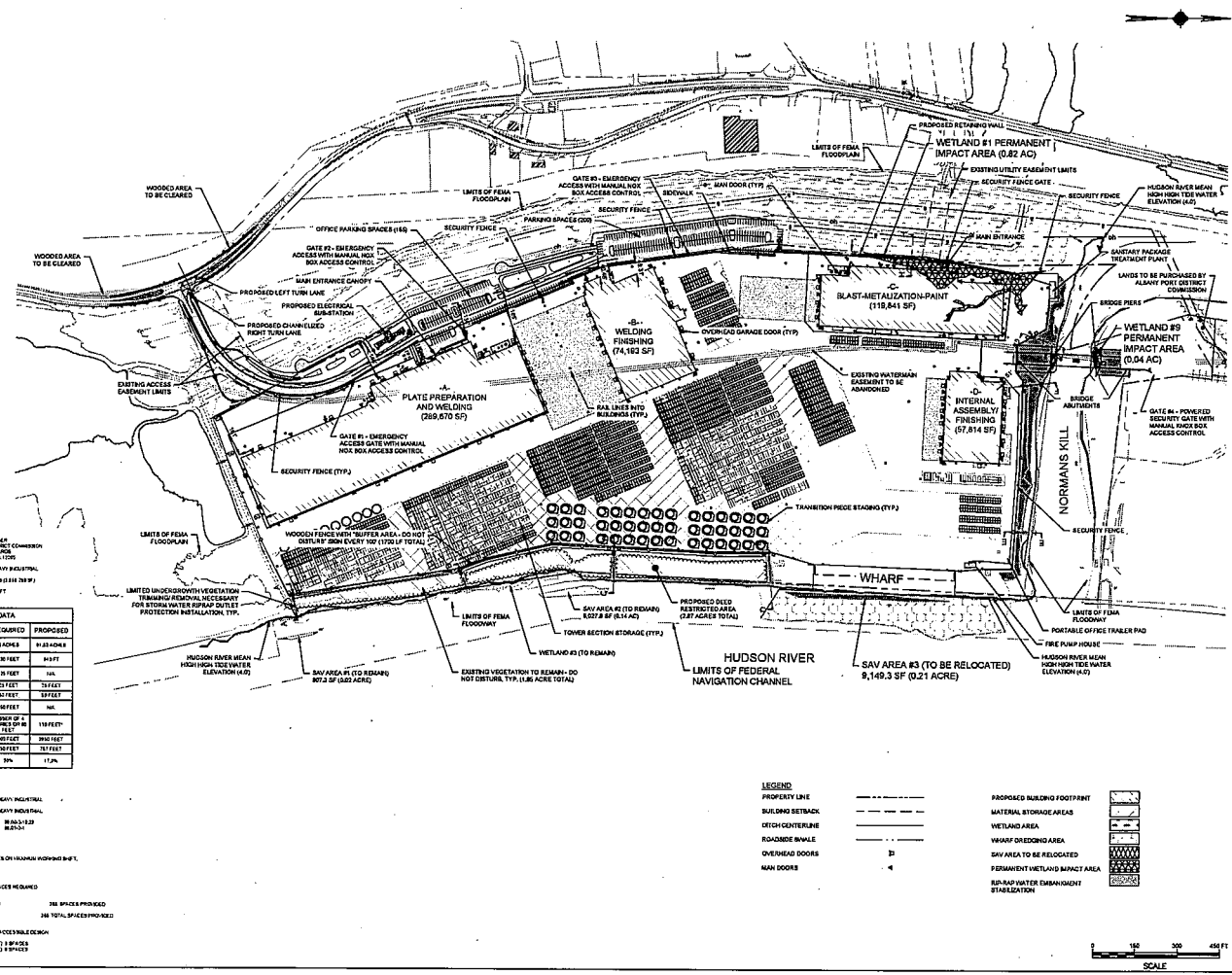
DRAWN	NBO
DESIGNED	NBO
CHECKED	AJF
SCALE	1"=150'
DATE	MAY 2022
PROJECT	1864128



THIS IS A PERMIT SKETCH AND NOT A FINAL ENGINEERING DRAWING. IT IS NOT TO BE USED FOR CONSTRUCTION OR FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER OF RECORD. THE USER OF THIS SKETCH ASSUMES ALL LIABILITY FOR ANY AND ALL DAMAGES, INCLUDING REASONABLE ATTORNEY'S FEES, ARISING FROM THE USE OF THIS SKETCH. THE USER OF THIS SKETCH SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER OF RECORD FROM AND AGAINST ALL SUCH DAMAGES, INCLUDING REASONABLE ATTORNEY'S FEES, ARISING FROM THE USE OF THIS SKETCH.

**DRAWING TITLE**  
 SITE PLAN OVERALL

**DRAWING NUMBER**  
 SP-01



- PROJECT DATA**
- APPROVED FINAL OWNER: ALBANY PORT DISTRICT COMMISSION, 60 WALCROFT PLACE, SARATOGA SPRINGS, NEW YORK 12158
  - ENGINEER: MCFARLAND JOHNSON
  - LOT AREA: 81,422 SQ. FT. (1.87 AC)
  - BLDG. HEIGHT: 115 FT

FEATURE	REQUIRED	PROPOSED
MINIMUM LOT SIZE (COMMERCE/IND)	1 ACRE	81,422 SQ. FT.
MINIMUM FRONT YARD FROM CURB/STREET	10 FEET	10 FEET
MINIMUM SIDE YARD FROM CURB/STREET	5 FEET	5 FEET
MINIMUM REAR YARD FROM CURB/STREET	5 FEET	5 FEET
MINIMUM HEIGHT	15 FEET	115 FEET
MINIMUM LOT DEPTH	100 FEET	300 FEET
MINIMUM LOT WIDTH	100 FEET	117 FEET
MINIMUM LOT COVERAGE	30%	17.2%

**NOTES**

1. WAREHOUSE: 315,000 SQ. FT. HEAVY INDUSTRIAL  
 2. WAREHOUSE: 1,150,000 SQ. FT. HEAVY INDUSTRIAL  
 3. TAX ACCOUNT NUMBER: 86-01-123-456

**PERMITS**

1. PERMIT OF EACH BUILDING: SEE ON DRAWING NO. 1864128  
 TOTAL EXPOSED: 1,465

**PERMITS**

1. PERMIT: 215 TOTAL SPACES REQUIRED  
 2. PERMIT: 248 TOTAL SPACES PROVIDED

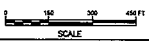
**PERMITS**

1. PERMIT: 215 TOTAL SPACES REQUIRED  
 2. PERMIT: 248 TOTAL SPACES PROVIDED

**LEGEND**

PROPERTY LINE	---
BUILDING SETBACK	---
LOT CENTERLINE	---
ROADSIDE BOWLE	---
OVERHEAD DOORS	□
MAN DOORS	•

PROPOSED BUILDING FOOTPRINT	▒
MATERIAL STORAGE AREAS	▒
WETLAND AREA	▒
WHARF DREDGING AREA	▒
SAV AREA TO BE RELOCATED	▒
PERMANENT WETLAND IMPACT AREA	▒
SEWAGE/WATER TREATMENT STABILIZATION	▒

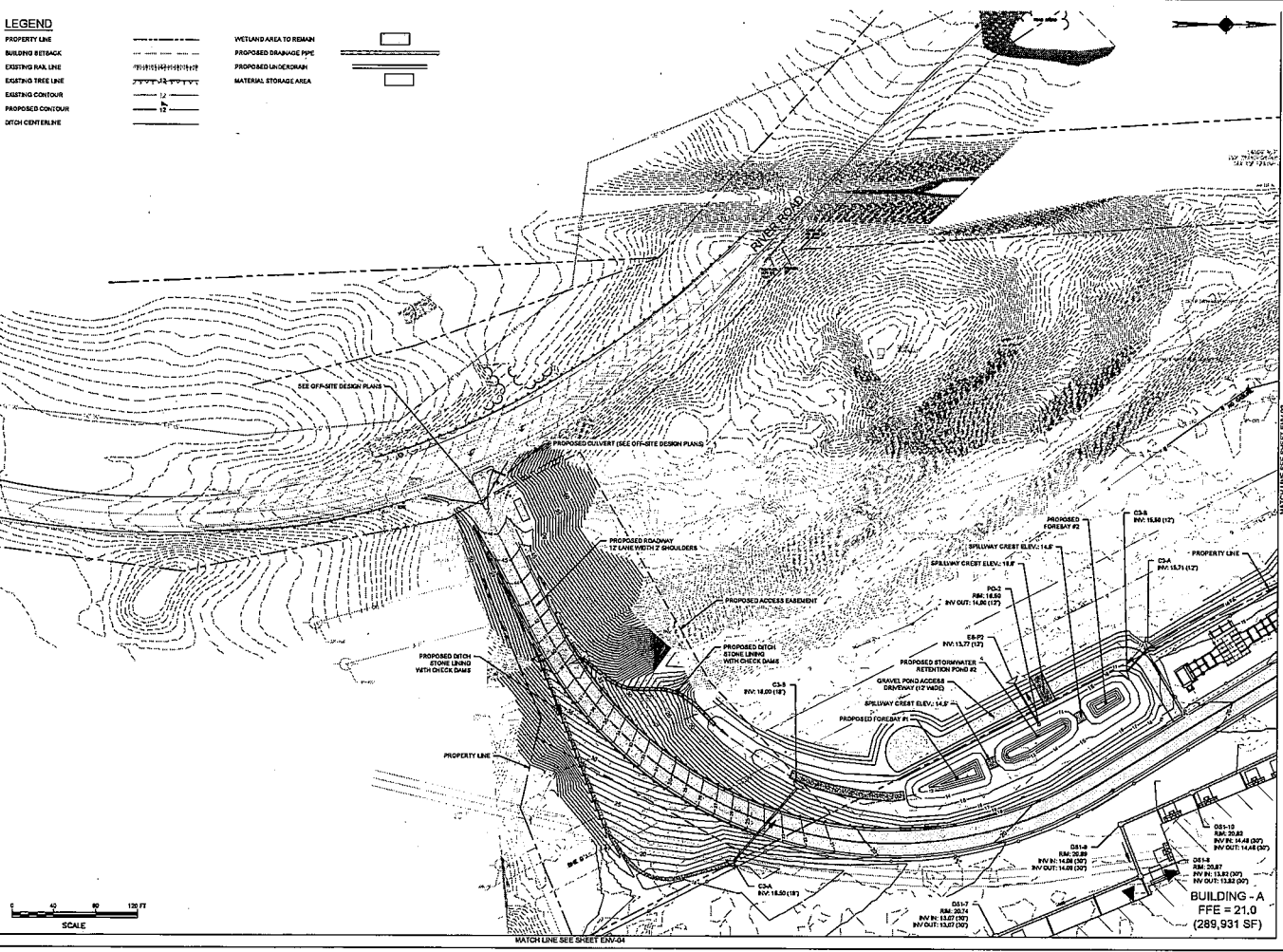




**LEGEND**

- PROPERTY LINE
- BUILDING RETRACK
- EXISTING PAR. LINE
- EXISTING TREE LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- DITCH CENTERLINE

- WETLAND AREA TO REMAIN
- PROPOSED DRAINAGE PIPE
- PROPOSED LANDSCAPE
- MATERIAL STORAGE AREA



**McFarland Johnson**  
 100 ALBANY PLACE  
 SUITE 402  
 SARATOGA SPRING, NEW YORK 12858  
 P: 518-580-8300 F: 518-580-8387  
 SARATOGA@MCFARLANDJOHNSON.COM

PROJECT: ALBANY PORT DISTRICT COMMISSION  
 PERMIT SKETCHES

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

DRAWN	JES
CHECKED	NBD
CHECKED	AJT
SCALE	1"=40'
DATE	MAY 2022
PROJECT	18411.00



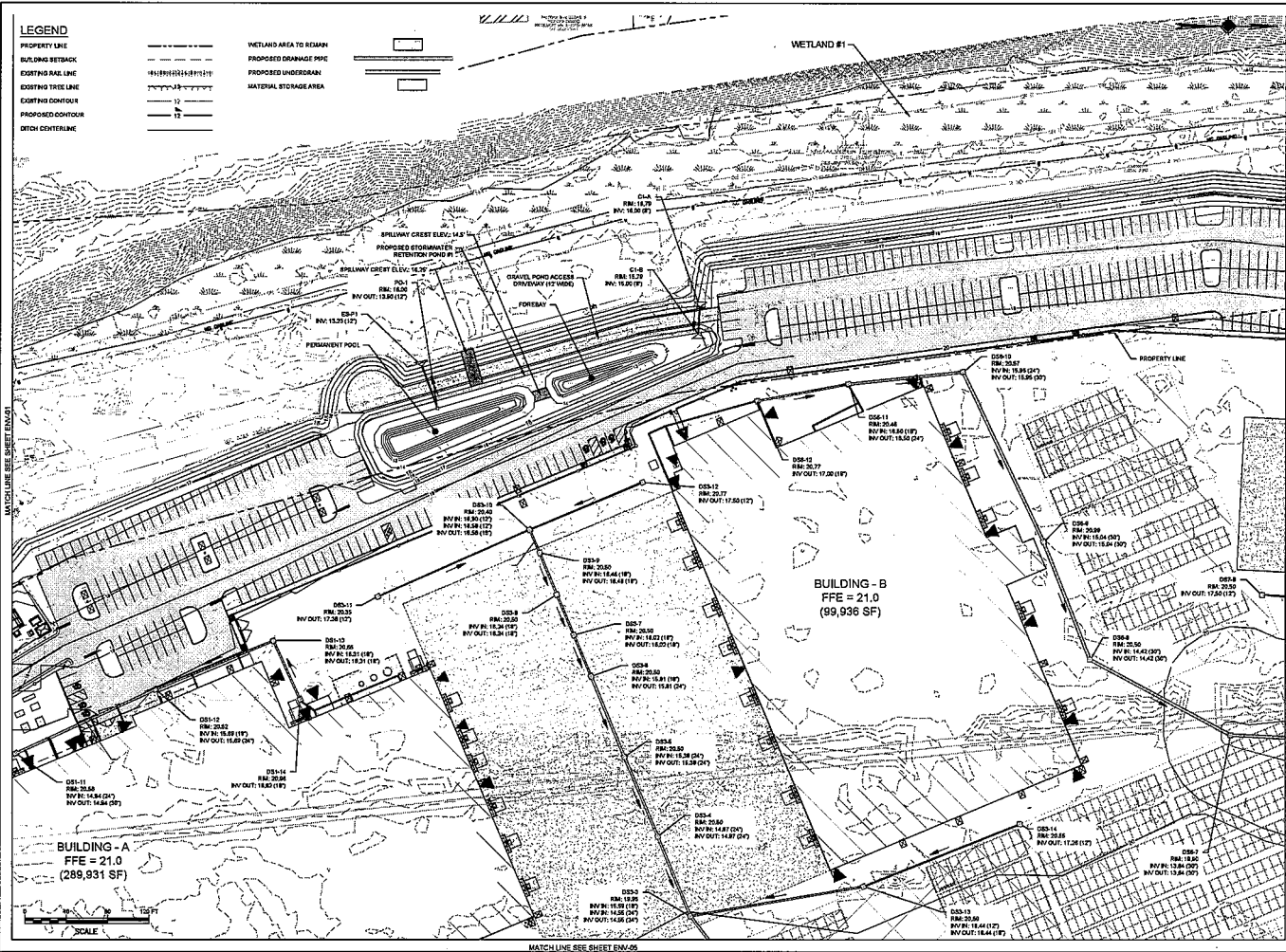
DRAWING TITLE  
**ENVIRONMENTAL PLAN**

DRAWING NUMBER  
**ENV-01**

**LEGEND**

- PROPERTY LINE
- BUILDING SETBACK
- EXISTING REAL LINE
- EXISTING TREE LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- OPEN CENTERLINE

- WETLAND AREA TO REMAIN
- PROPOSED DRAINAGE PISC
- PROPOSED UNDERDRAIN
- MATERIAL STORAGE AREA



**McParland Johnson**  
 10 WALDOCK PLACE  
 SUITE 402  
 SANITICO DRIVE, NEW YORK 12000  
 P: 518-552-9333 F: 518-552-9383  
 Sewstop@aol.com

PROJECT MILESTONE  
 PERMIT SKETCHES

NO.	DATE	DESCRIPTION

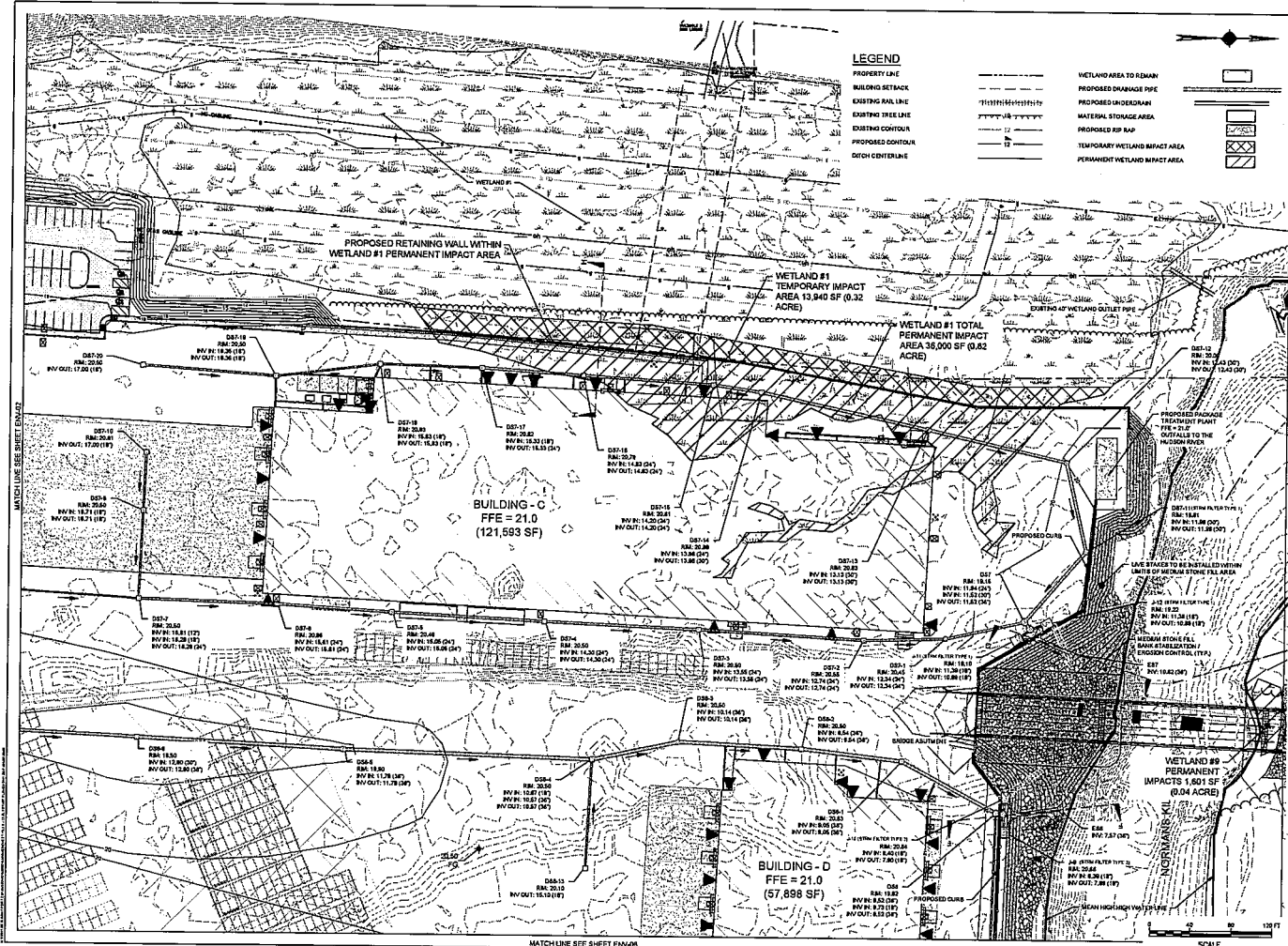
CLIENT: ALBANY PORT DISTRICT COMMISSION  
 ALBANY, NEW YORK  
 PROJECT: PORT OF ALBANY EXPANSION SITE

DRAWN	JES
DESIGNED	JES
CHECKED	JES
SCALE	1"=40'
DATE	MAY 2022
PROJECT	1961.20



ENVIRONMENTAL PLAN

DRAWING NUMBER  
**ENV-02**



**LEGEND**  
 PROPERTY LINE  
 BUILDING SETBACK  
 EXISTING PAVE LINE  
 EXISTING TREE LINE  
 EXISTING CONTOUR  
 PROPOSED CONTOUR  
 DETCH CENTERLINE

WETLAND AREA TO REMAIN  
 PROPOSED DAMAGE PIPE  
 PROPOSED IN-DRAINAGE  
 MATERIAL STORAGE AREA  
 PROPOSED RIP RAP  
 TEMPORARY WETLAND IMPACT AREA  
 PERMANENT WETLAND IMPACT AREA



PROJECT MILESTONE  
**PERMIT SKETCHES**

NO.	DATE	DESCRIPTION

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

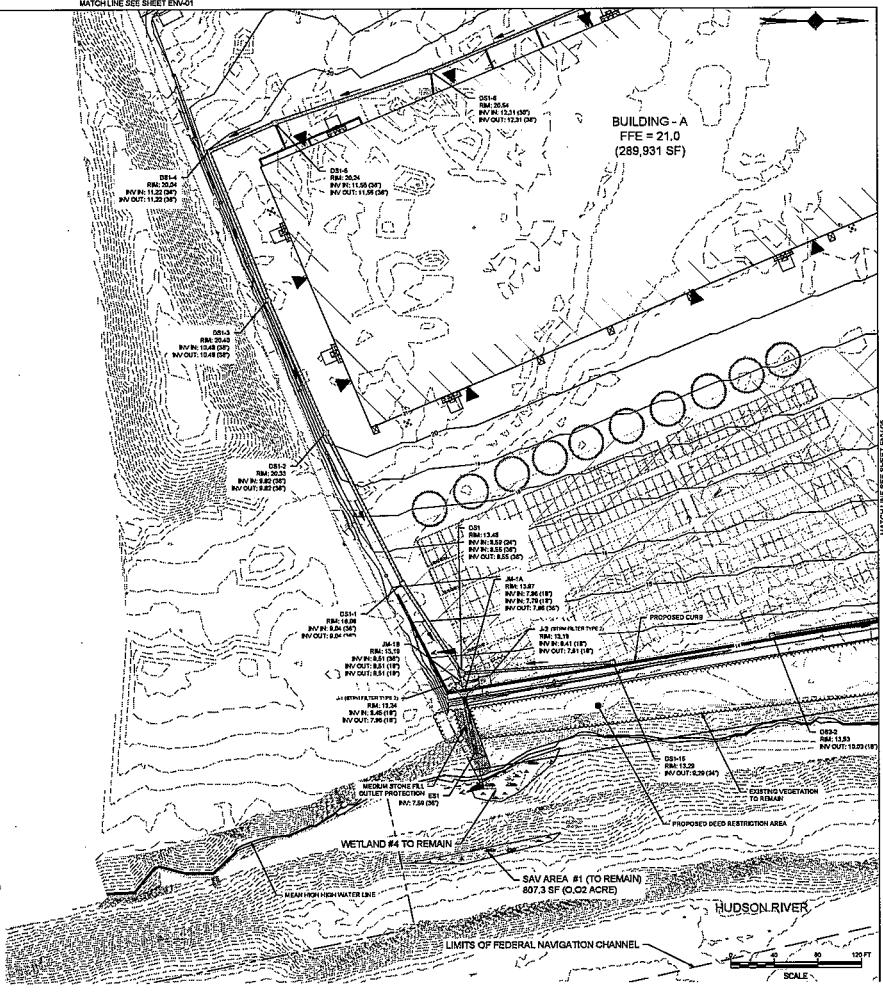
DRAWN: JES  
 DESIGNED: HSD  
 CHECKED: AJF  
 SCALE: 1"=40'  
 DATE: MAY 2022  
 PROJECT: 1944120



DRAWING TITLE  
**ENVIRONMENTAL PLAN**

DRAWING NUMBER  
**ENV-03**  
 3 OF 18

MATCHLINE SEE SHEET ENV-01



**LEGEND**

PROPERTY LINE	---	WETLAND AREA TO REMAIN	
BUILDING SETBACK	---	PROPOSED DRAINAGE PIPE	
EXISTING RAIL LINE		PROPOSED UNDERDRAIN	
EXISTING TREE LINE	~~~~~	MATERIAL STORAGE AREA	
EXISTING CONTOUR	-----	PROPOSED NP RAMP	
PROPOSED CONTOUR	-----	HUDSON RIVER DREDGING	
OTCH CENTERLINE	-----	DEED RESTRICTED AREA	

**McFarland Johnson**  
 GENERAL CONTRACTORS  
 3455 ROUTE 92  
 GARDEN CITY, NEW YORK 11735  
 P: 516-360-2000 F: 516-360-2005  
 Service@MJM@mjmc.com

PROJECT MILESTONE

NO.	DATE	DESCRIPTION

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

DRAWN	JES
DESIGNED	NBD
CHECKED	KAT
SCALE	1"=40'
DATE	MAY 2023
PROJECT	1944126

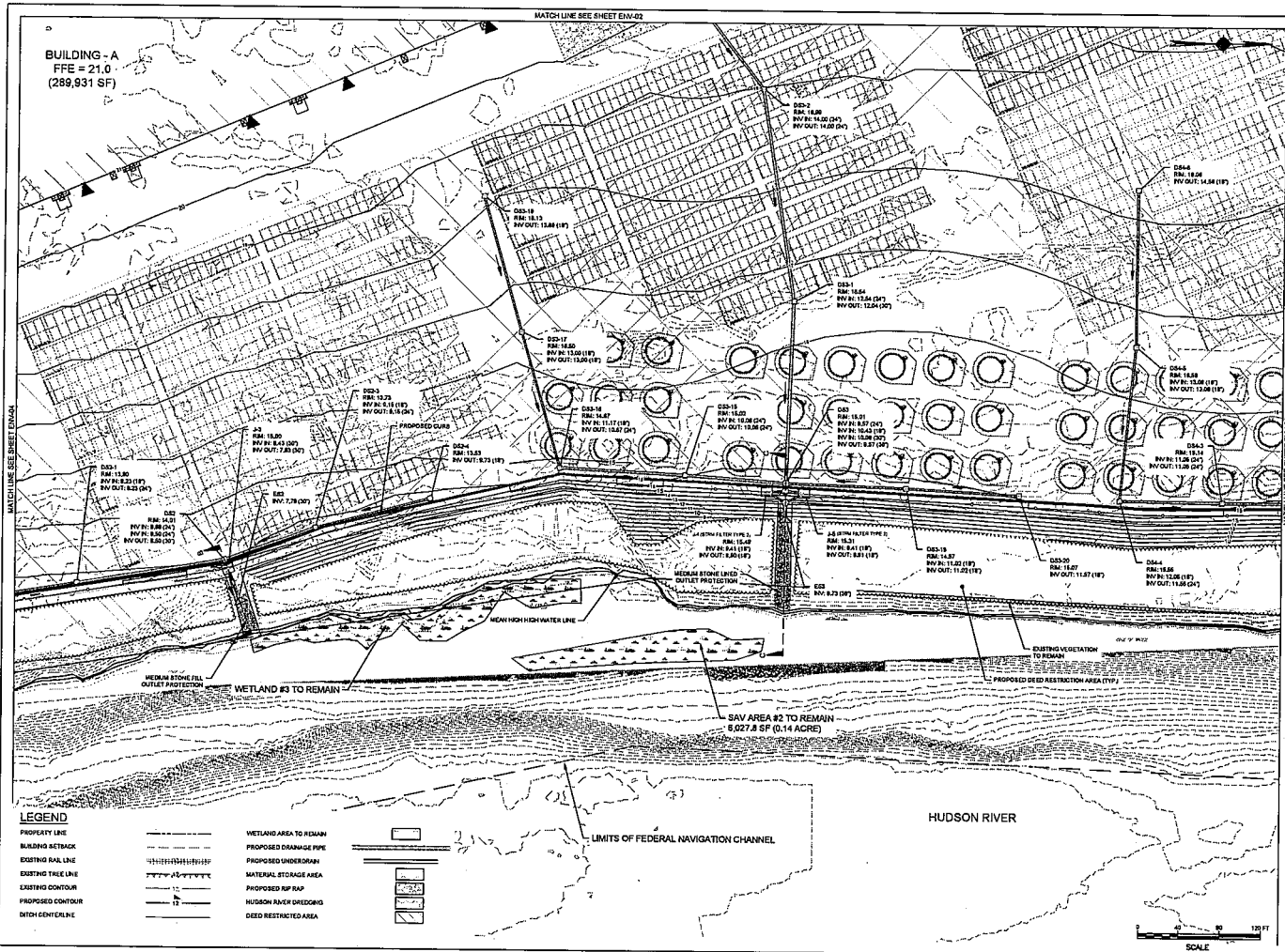


ENVIRONMENTAL PLAN

DRAWING NUMBER  
**ENV-04**  
 8 OF 18

BUILDING - A  
FFE = 21.0  
(289,931 SF)

MATCH LINE SEE SHEET ENV-02

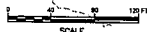


**LEGEND**

- PROPERTY LINE
- BUILDING SETBACK
- EXISTING BULK LINE
- EXISTING TREE LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- DITCH CENTERLINE
- WETLAND AREA TO REMAIN
- PROPOSED DRAINAGE PIPE
- PROPOSED UNDERDRAIN
- NATURAL STORAGE AREA
- PROPOSED SW SUMP
- HUDSON RIVER DREDGING
- DEED RESTRICTED AREA

LIMITS OF FEDERAL NAVIGATION CHANNEL

HUDSON RIVER



PERMIT SKETCHES

NO.	DATE	DESCRIPTION

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

DRAWN	JES
DESIGNED	MSD
CHECKED	AJT
SCALE	1"=40'
DATE	MAY 2022
PROJECT	184132



DRAWING TITLE  
**ENVIRONMENTAL PLAN**

DRAWING NUMBER  
ENV-05  
7 OF 18

MATCHLINE SEE SHEET ENV-03

BUILDING - D  
FFE = 21.0  
(57,898 SF)



PROJECT MILESTONE

NO.	DATE	DESCRIPTION

CLIENT: ALBANY PORT DISTRICT COMMISSION  
ALBANY, NEW YORK

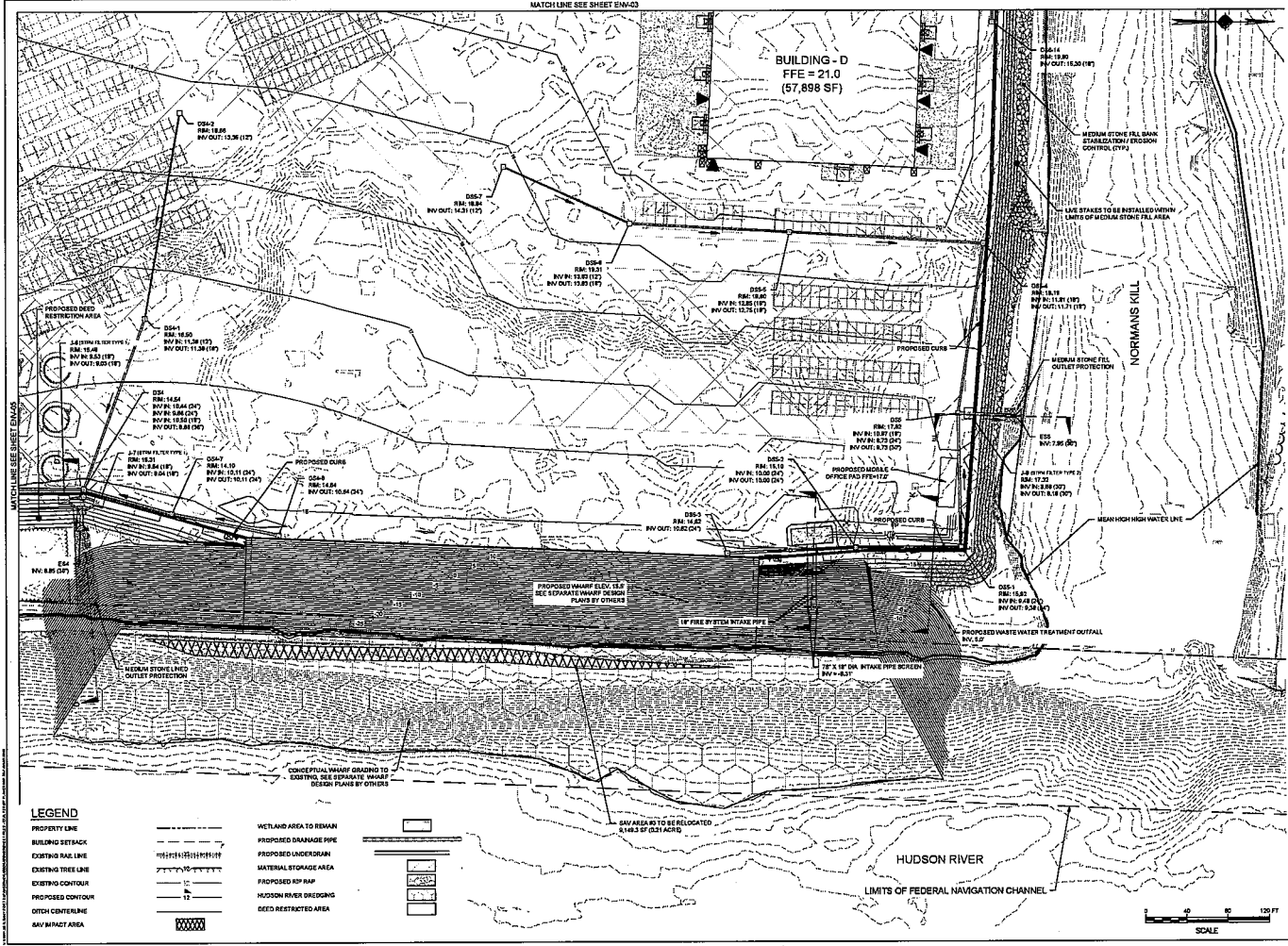
PROJECT: PORT OF ALBANY EXPANSION SITE

DRAWN	JER
CHECKED	NBO
CHECKED	AJP
SCALE	1"=50'
DATE	MAY 2022
PROJECT	19A01.00



ENVIRONMENTAL PLAN

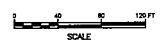
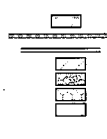
DRAWING NUMBER  
ENV-06



**LEGEND**

- PROPERTY LINE
- BUILDING SETBACK
- EXISTING PAVE LINE
- EXISTING TREE LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- OTCH CENTERLINE
- RAV INTRACT AREA

- WETLAND AREA TO BE MAINTAINED
- PROPOSED DRAINAGE PIPE
- PROPOSED UNDERDRAIN
- MATERIAL STORAGE AREA
- PROPOSED RFP RAMP
- HUDSON RIVER DREDGING
- DEED RESTRICTED AREA





PROJECT MILESTONE  
 PERMIT SKETCHES

NO.	DATE	DESCRIPTION

CLIENT:  
**ALBANY PORT DISTRICT COMMISSION**  
 ALBANY, NEW YORK

PROJECT:  
**PORT OF ALBANY EXPANSION SITE**

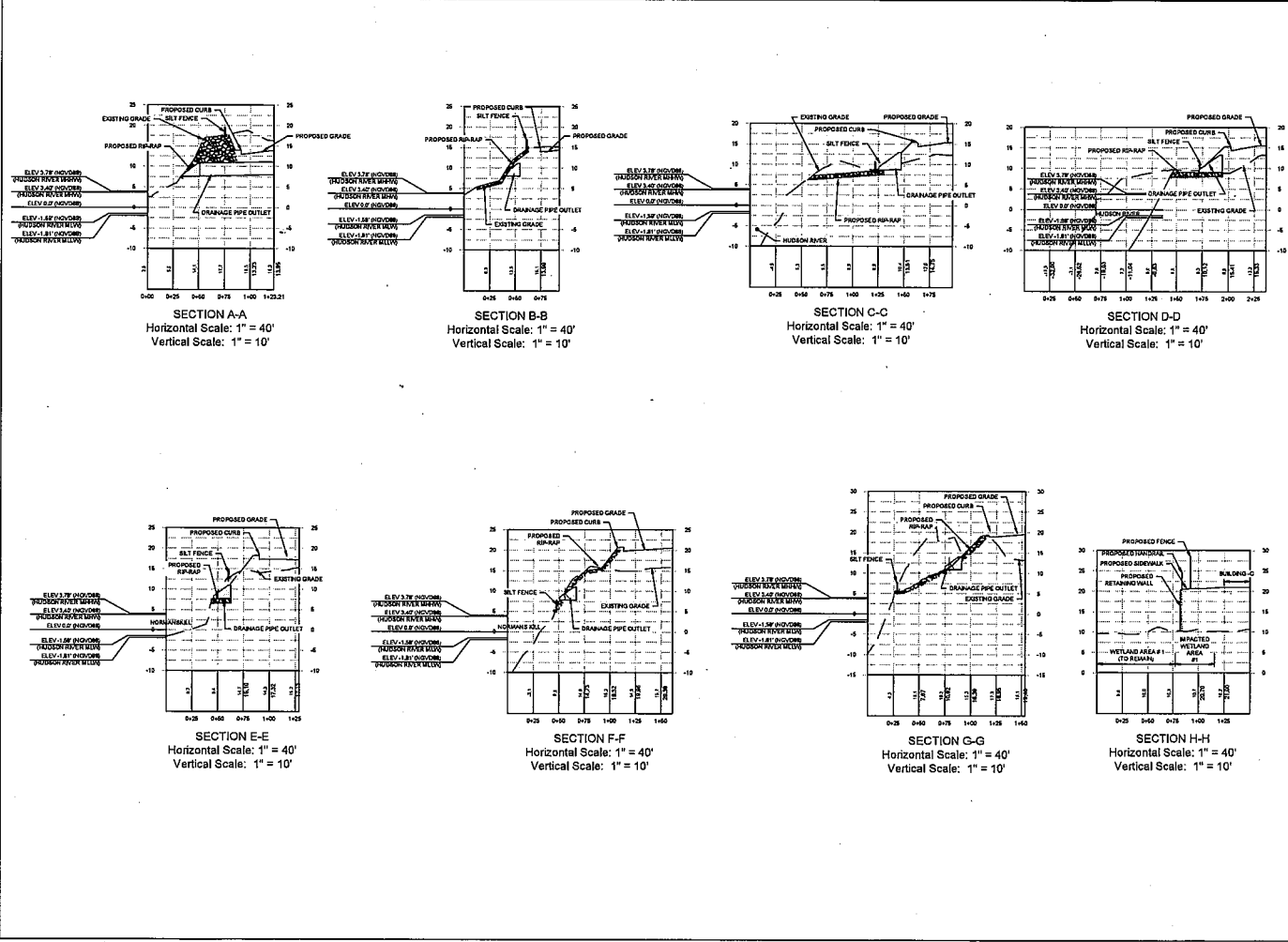
DRAWN	JES
DESIGNED	NNO
CHECKED	AJF
SCALE	1"=40'
DATE	MAY 2022
PROJECT	19ALB01



I, the undersigned, being a duly qualified and licensed Professional Engineer in the State of New York, do hereby certify that I am the author of the foregoing drawings and that I am a duly Licensed Professional Engineer in the State of New York, No. 13112, Exp. 12/31/2024.

DRAWING TITLE  
**SECTION VIEWS**

DRAWING NUMBER  
**XS-01**





PROJECT MILESTONE  
 PERMIT SKETCHES

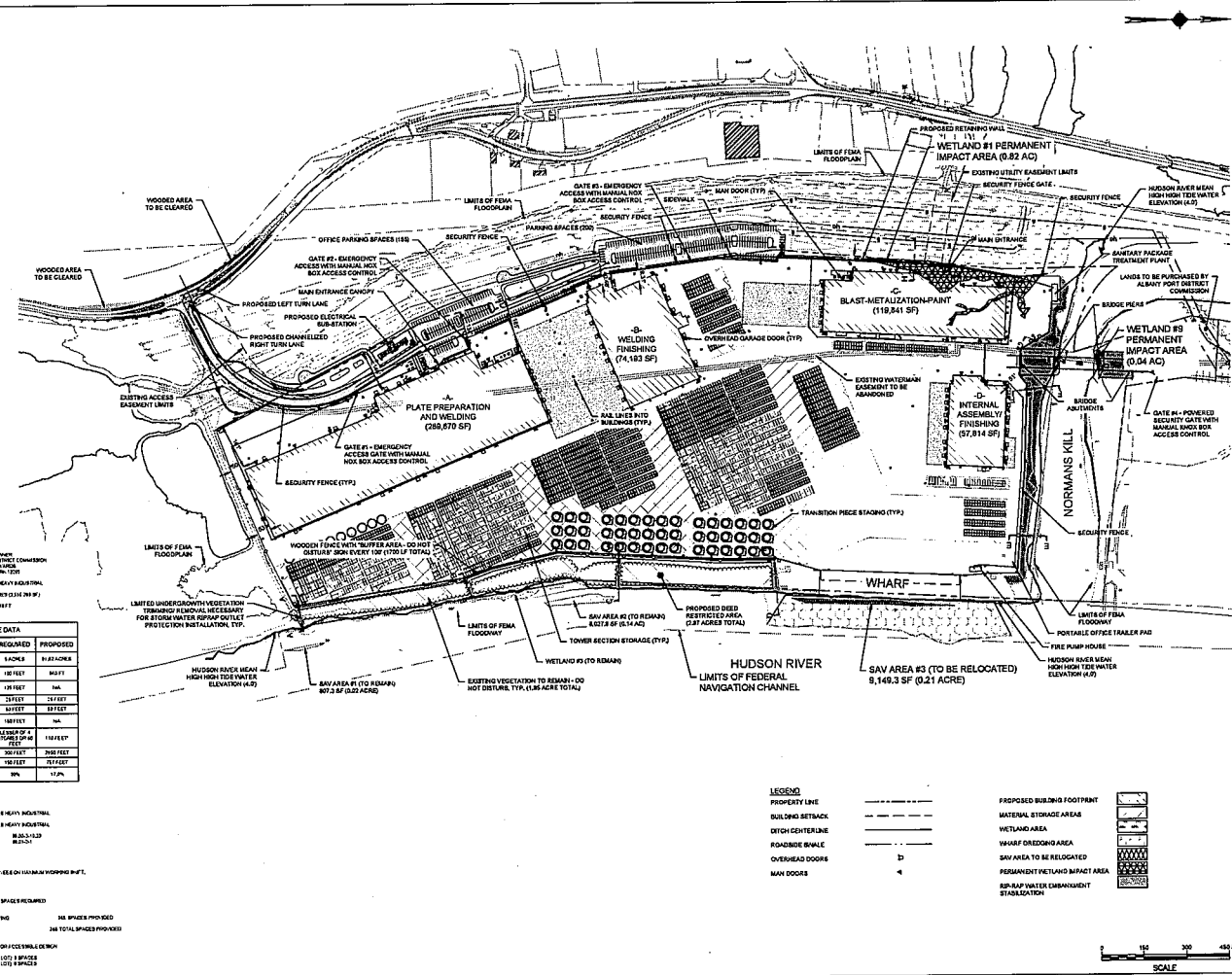
NO.	DATE	DESCRIPTION

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

OWNER:	N30
DESIGNED:	N30
CHECKED:	AJT
SCALE:	1"=150'
DATE:	MAY 2022
PROJECT:	1861.00



DATE: 11/15/22  
 DRAWING TITLE: SITE PLAN OVERALL  
 DRAWING NUMBER: SP-01  
 1 OF 11



**SITE DATA**

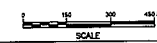
FEATURE	REQUIRED	PROPOSED
MINIMUM LOT SIZE (SQUARE FEET)	8,000	51,847 SQUARE
MINIMUM FRONT YARD SETBACK (FEET)	100 FEET	80 FEET
MINIMUM SIDE YARD SETBACK (FEET)	10 FEET	10 FEET
MINIMUM REAR YARD SETBACK (FEET)	10 FEET	10 FEET
MINIMUM HEIGHT (FEET)	10 FEET	10 FEET
MINIMUM LOT DEPTH (FEET)	10 FEET	10 FEET
MINIMUM LOT WIDTH (FEET)	10 FEET	10 FEET
MINIMUM LOT COVERAGE (%)	30%	12.5%

**LEGEND**

- PROPERTY LINE
- BUILDING SETBACK
- DITCH CENTERLINE
- ROADSIDE WALK
- OVERHEAD DOORS
- MAN DOORS

**PROPOSED BUILDING FOOTPRINT**

- MATERIAL STORAGE AREA
- WETLAND AREA
- WHARF DREDGION AREA
- SAV AREA TO BE RELOCATED
- PERMANENT WETLAND IMPACT AREA
- SEWAGE TREATMENT PLANT







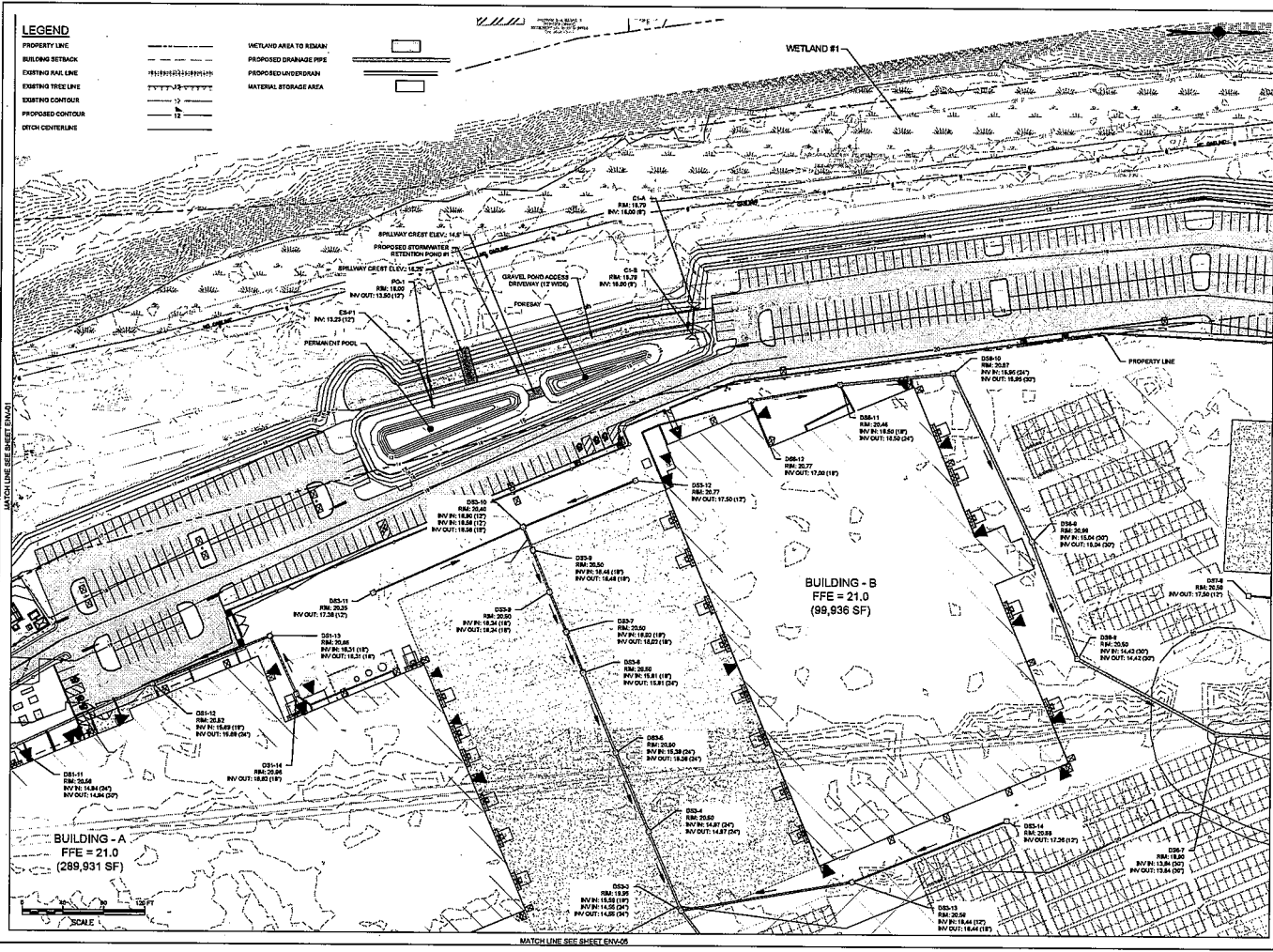
**LEGEND**

- PROPERTY LINE
- BUILDING TRACK
- EXISTING RAIL LINE
- EXISTING TREE LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- OTON CENTERLINE

- WETLAND AREA TO REMAIN
- PROPOSED DRAINAGE PPS
- PROPOSED UNDERDRAIN
- MATERIAL STORAGE AREA



WETLAND #1



60 WALTON PLACE  
SUITE 401  
BARCLAY SQUARE, NEW YORK, NY 10003  
P: 212-505-2300 F: 212-505-9383  
WWW.MCFARLANDJOHNSON.COM

PROJECT: ALBANY PORT DISTRICT COMMISSION  
PERMIT SKETCHES

NO.	DATE	DESCRIPTION

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

DRAWN	JES
DESIGNED	HSD
CHECKED	AJP
SCALE	1"=40'
DATE	MAY 2022
PROJECT	180130



**DRAWING TITLE**

ENVIRONMENTAL PLAN

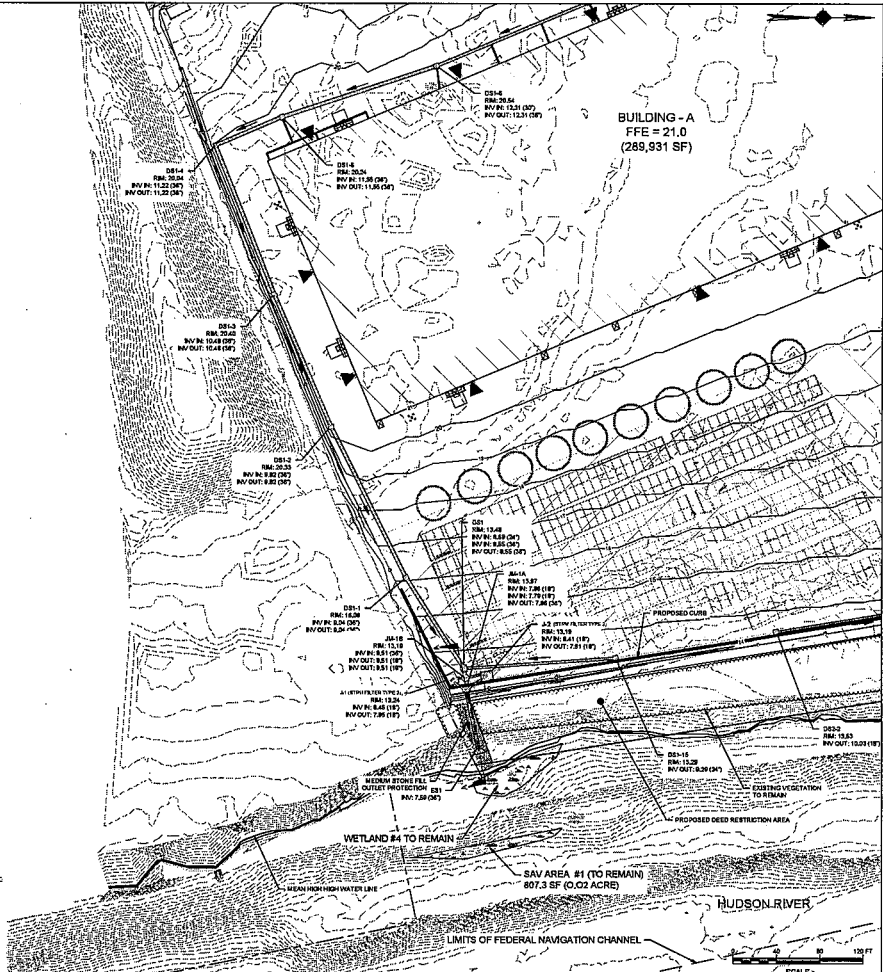
**DRAWING NUMBER**

ENV-02

4 OF 18



MATCH LINE SEE SHEET ENV-01



**LEGEND**

PROPERTY LINE	-----	WETLAND AREA TO REMAIN
BUILDING FOOTPRINT	-----	PROPOSED DRAINAGE RPC
EXISTING REAL LINE	-----	PROPOSED UNDERDRAIN
EXISTING TREE LINE	-----	MATERIAL STORAGE AREA
EXISTING CONTOUR	-----	PROPOSED PIP RAMP
PROPOSED CONTOUR	-----	HUDSON RIVER CHEDGING
DITCH CENTERLINE	-----	DEED RESTRICTED AREA

**McFarland Johnson**  
 80 FALGOUT PLACE  
 SUITE 402  
 SARATOGA SPRINGS, NEW YORK 12060  
 P: 518-580-8325 F: 518-580-8283  
 SERV@MCJ.COM

PROJECT: ALBANY PORT DISTRICT COMMISSION  
 PERMIT SKETCHES  
 SHEET: ENV-04

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

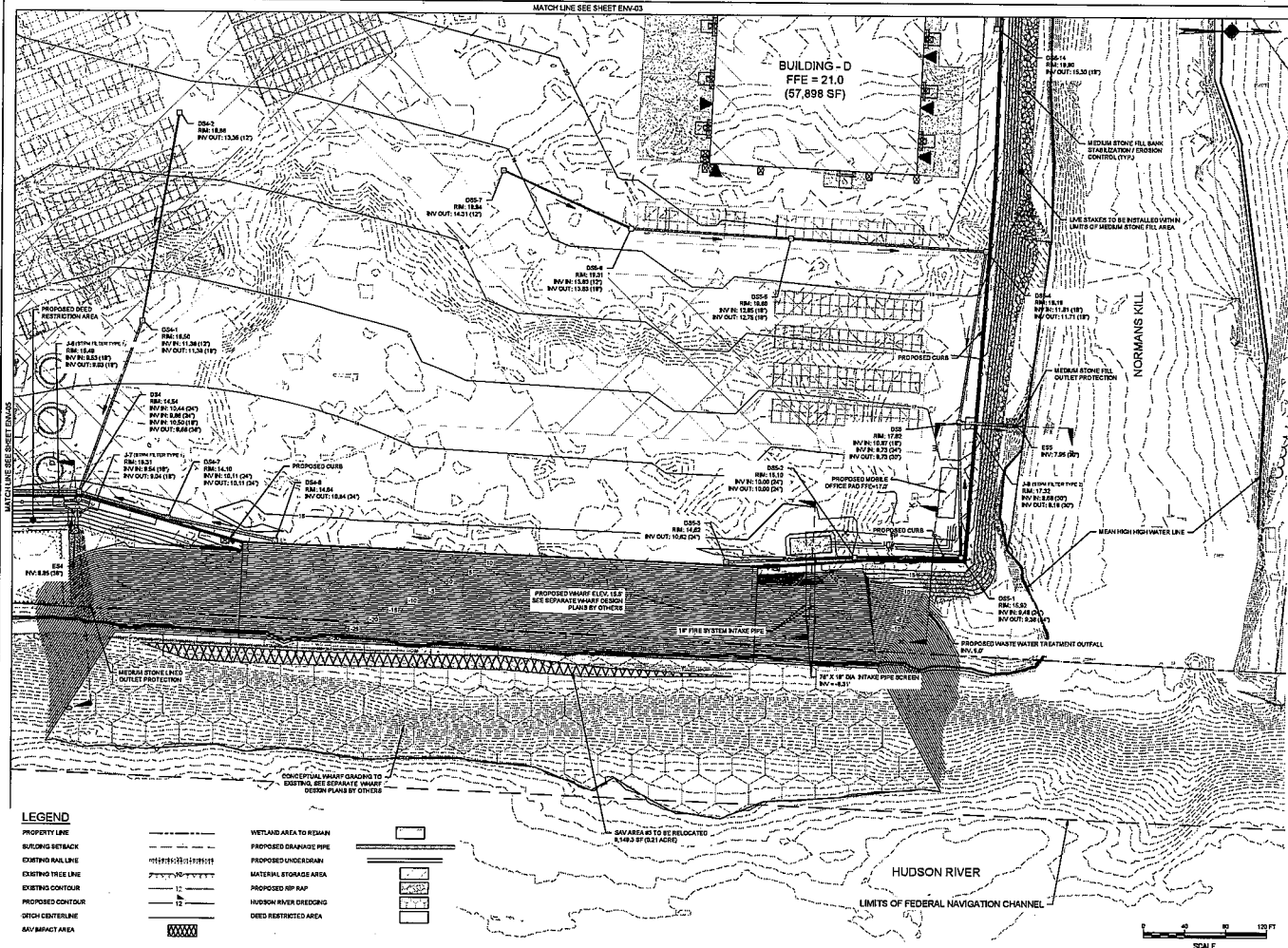
DRAWN: JES  
 CHECKED: JLF  
 SCALE: 1"=40'  
 DATE: MAY 2022  
 PROJECT: 1984120



**ENVIRONMENTAL PLAN**  
 DRAWING NUMBER: ENV-04  
 4 OF 18







**McFarland Johnson**  
 60 RAIFORD PLACE  
 SUITE 40  
 SARATOGA SPRING, NEW YORK 12085  
 P 518-585-2250 F 518-585-8383  
 WWW.MCFARLANDJOHNSON.COM

PROJECT: 18841.06  
 PERMIT SKETCHES

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

DRAWN: JES  
 DESIGNED: JMO  
 CHECKED: AJF  
 SCALE: 1"=40'  
 DATE: MAY 2022  
 PROJECT: 18841.06



ENVIRONMENTAL PLAN

DRAWING NUMBER: ENV-06  
 8 OF 18

PROJECT MILESTONE PERMIT SKETCHES		
NO.	DATE	DESCRIPTION

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

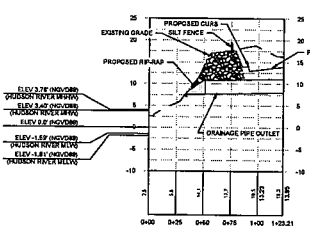
DRAWN	LES
CHECKED	NSD
SCALE	A11
DATE	MAY 2022
PROJECT	19A-1228



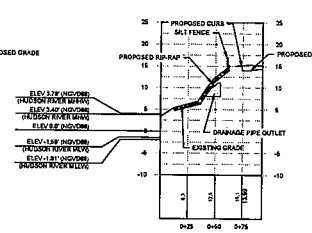
THIS IS A PRELIMINARY SKETCH FOR PERMITTING PURPOSES ONLY. IT IS NOT TO BE USED FOR CONSTRUCTION. THE USER OF THIS SKETCH SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF ALL INFORMATION AND DATA. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF ALL INFORMATION AND DATA. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF ALL INFORMATION AND DATA.

DRAWING TITLE  
**SECTION VIEWS**

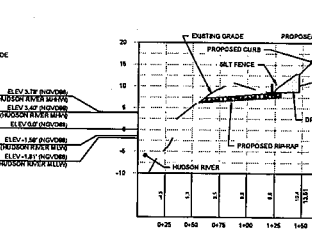
DRAWING NUMBER  
**XS-01**  
 10 OF 18



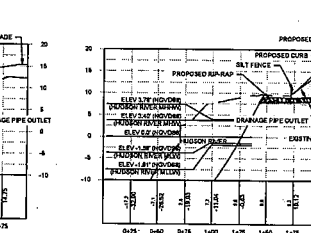
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 Vertical Scale: 1" = 10'



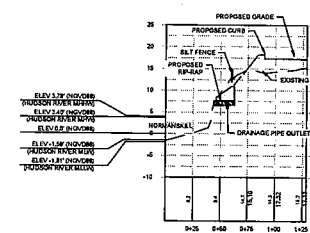
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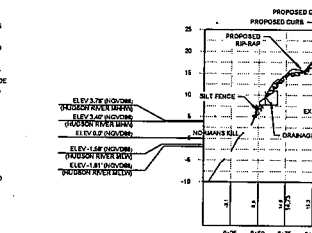
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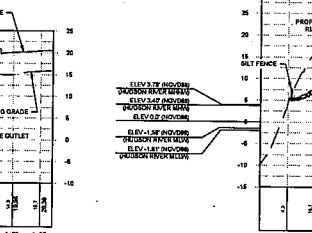
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 Vertical Scale: 1" = 10'



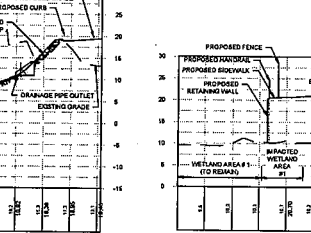
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 Horizontal Scale: 1" = 40'  
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**SECTION F-F**  
 Horizontal Scale: 1" = 40'  
 Vertical Scale: 1" = 10'



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



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





# McFarland Johnson

*Innovative Solutions / Sustainable Results*

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www.mjinc.com

June 15, 2022

Mr. Justin Harbinger  
Building Inspector  
Town of Bethlehem  
Department of Economic Development & Planning  
445 Delaware Avenue  
Delmar, NY 12054

Re: Floodplain Development Permit  
Albany Port District Commission  
Marmen-Welcon Tower Manufacturing Plant  
Tax ID 98.01-2-1.0 / 98.00-2-10.23

Dear Justin:

I am writing on behalf of the Albany Port District Commission and the joint venture between Marmen, Inc. & Welcon to confirm that the current site civil design plans dated May 10, 2022 have been completed in accordance with the Town Code Chapter 69 and the 2020 NYS Building Code. The FEMA 100-year flood elevation at the site is 18.0' and the four onsite buildings were designed with a finished floor elevation of 21.0'. Other auxiliary facilities within the development, such as the electrical sub-station and package WWTP, have also been designed to elevate the equipment to ensure property functionality during a 100-year flooding scenario. A portion of the yard area along the Hudson River and the proposed wharf are designed with final grade elevations below elevation 18.0'; however, their design takes into account potential flooding conditions that may be encountered during the design life of the facility.

Sincerely yours,  
McFARLAND-JOHNSON, INC.

Adm J. Frosino, PE, PTOE  
Project Manager

CC: Richard Hendrick – APDC via-email  
Roddy Yagan – APDC via e-mail  
Megan Daly – APDC via-email  
Patrick Jordan – APDC via-email