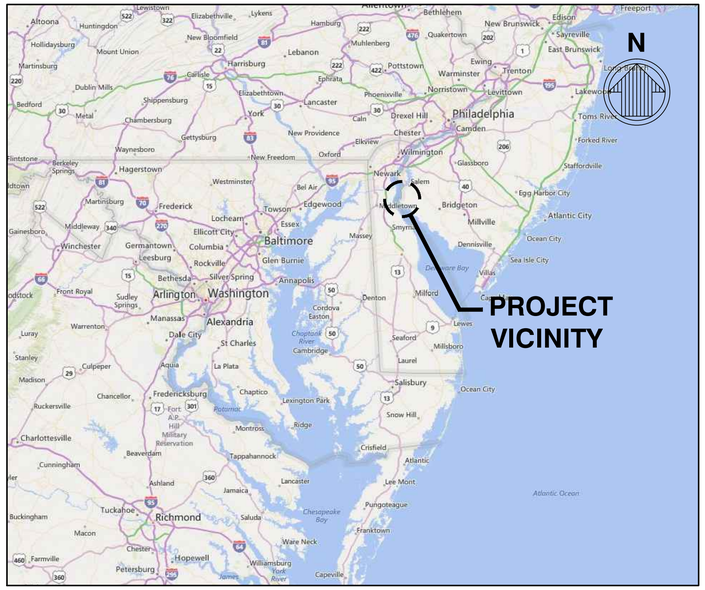
NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING

LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NEW JERSEY



VICINITY MAP
NTS



LOCATION MAP
NTS

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

COVER SHEET

Rev.
Date: 2024-05-07
M&N Project No. 11102-33
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Designed by: DC
Drawn by: CC
Cad by: LC
Reviewed by: TJS
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7300
moffatt & nichol

NEW JERSEY WIND PORT
NJEDA

SEAL

Sheet Reference No.
G-001
INDEX: 1 OF 117

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



SITEWIDE PERMIT ACREAGE TABLE	
PARCEL B1	66.5 AC
PARCEL B2	40.8 AC
PARCEL C2	14.4 AC
PARCEL D	4.0 AC
PARCEL E	27.4 AC
PARCEL B DREDGE AREA	70.1 AC
EXISTING CHANNEL AND TURNING BASIN EXPANSION AND DEEPENING AREA	80.1 AC

PERMIT NOTES:

1. PARCEL A AND EXISTING CHANNEL AND TURNING BASIN WERE PERMITTED UNDER DEP PERMIT NUMBER 1704-02-0001.10 LUP200001. AND ARE CURRENTLY UNDER CONSTRUCTION.
2. PARCELS C1 AND G WERE PACKAGED TOGETHER AND PERMITTED UNDER DEP PERMIT NUMBER.
3. THE REMAINING PARCEL B1, B2, C2, D, E, & DREDGE AREA PARCEL B ARE PACKAGED TOGETHER IN THIS SITEWIDE PERMIT SUBMITTAL.
4. FOR GENERAL NOTES, SEE SHEET G-003.
5. FOR LEGEND AND ABBREVIATIONS, SEE SHEET G-004.
6. THE TEMPORARY LOGISTIC PIER CONCEPTUAL PLAN HAS BEEN PREPARED BY NJEDA IN DIRECT COORDINATION WITH THEIR CONSTRUCTION MANAGER, AECOM-TISHMAN. THE CONCEPTUAL PLAN SET IS A SEPARATE DOCUMENT FROM THIS DRAWING SET AND HAS BEEN DEVELOPED FOR PERMITTING PURPOSES ONLY. FINAL DESIGN AND CONSTRUCTION OF THE PIER WILL BE COMPLETED BY OTHERS AS PART OF A FUTURE DESIGN-BUILD SOLICITATION.

LEGEND:

LIMIT OF WORK

A1
G-101
GENERAL ARRANGEMENT
SCALE: 1" = 500'

500' 0' 500' 1000'
SCALE: 1"=500'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

GENERAL ARRANGEMENT

Date: 2024-05-07
Rev.
M&N Project No. 11102-33
Drawing scale:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Designed by: DC
Drawn by: CC
Chkd by: LC
Reviewed by: TJS
Submitted by: SUBMITTERS NAME MOFFATT & NICHOL

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

NEW JERSEY WIND PORT
NJEDA

SEAL

Sheet Reference No.
G-101
INDEX: 6 OF 117

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

PARCEL B2

PARCEL B1

PARCEL A

EXISTING CHANNEL AND TURNING BASIN

INSTALLATION BERTH

EXISTING CDF ACCESS ROADS

UPPER WETLAND BOUNDARY

EBB

FLOOD

D1 TYP

D2

D3

D4 TYP

N

NOTES:

1. THE FHA ELEVATION IS +9.0' PER THE FEMA MAP. THE FLOOD HAZARD AREA VERIFICATION IS BASED ON FEMA TIDAL METHOD 2 AND FLOOD INSURANCE RATE MAP (FIRM) NUMBERS 34033C0256C, 34033C0257C, 34033C0258C, AND 34033C0259C PUBLISHED BY FEMA AND MADE EFFECTIVE ON JUNE 16, 2016.

LEGEND

SSF	SUPER SILT FENCE
SCE	STABILIZED CONSTRUCTION ENTRANCE
LOD	LIMIT OF DISTURBANCE

SITE PREPARATION NOTES:

- D1 CLEAR AND GRUB WITHIN LIMIT OF DEMOLITION
- D2 STORM DRAIN TO BE REMOVED.
- D3 REMOVE DIRT ROAD.
- D4 REMOVE EXISTING TIMBER PILES.
- D5 REMOVE EXISTING FIRING RANGE.
- D6 REMOVE SIGNS/POSTS.
- D7 REMOVE LIGHT POLE.
- D8 REMOVE WALL, OR ANY CONCRETE PADS.
- D9 PIPELINE TO BE REMOVED

160' 0' 160' 320'

SCALE: 1"=160'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

A1 C-101 PLAN - PARCEL B1 - EXISTING CONDITIONS & SITE PREPARATION
SCALE: 1" = 160'

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - PARCEL B1 - EXISTING CONDITIONS & SITE PREPARATION

Designed by: DC
Drawn by: CC
Checked by: LC
Reviewed by: TJS
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: 2024-05-07
Rev.
M&N Project No. 11102-33
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)

moffatt & nichol
180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330

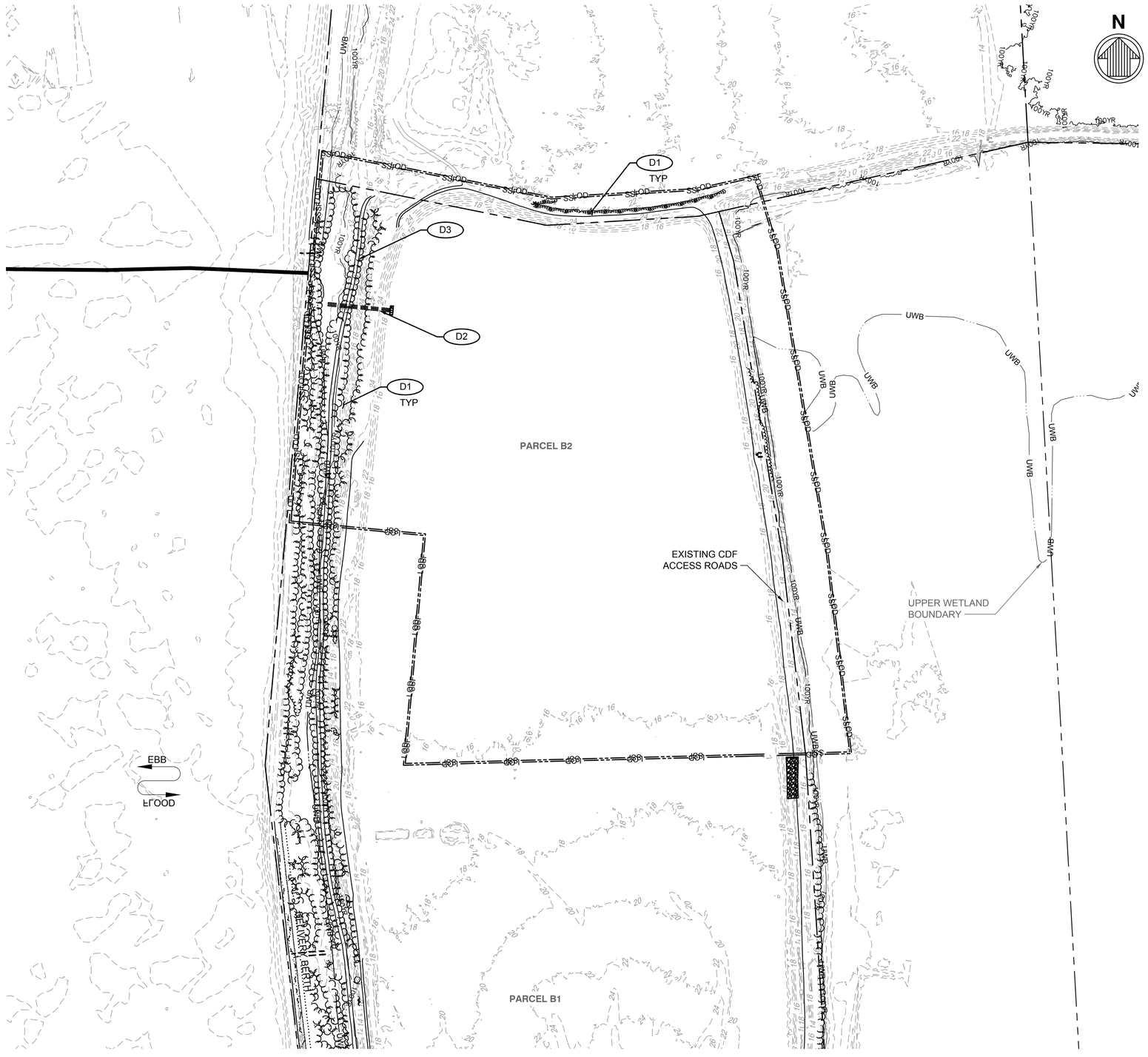
NEW JERSEY WIND PORT
NJEDA

SEAL

Sheet Reference No.
C-101
INDEX: 10 OF 117

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



NOTES:

1. THE FHA ELEVATION IS +9.0' PER THE FEMA MAP. THE FLOOD HAZARD AREA VERIFICATION IS BASED ON FEMA TIDAL METHOD 2 AND FLOOD INSURANCE RATE MAP (FIRM) NUMBERS 34033C0256C, 34033C0257C, 34033C0258C, AND 34033C0259C PUBLISHED BY FEMA AND MADE EFFECTIVE ON JUNE 16, 2016.

LEGEND

- SSF — SUPER SILT FENCE
- SCE — STABILIZED CONSTRUCTION ENTRANCE
- LOD — LIMIT OF DISTURBANCE

SITE PREPARATION NOTES:

- D1 CLEAR AND GRUB WITHIN LIMIT OF DEMOLITION
- D2 STORM DRAIN TO BE REMOVED.
- D3 REMOVE DIRT ROAD.
- D4 REMOVE EXISTING TIMBER PILES.
- D5 REMOVE EXISTING FIRING RANGE.
- D6 REMOVE SIGNS/POSTS.
- D7 REMOVE LIGHT POLE.
- D8 REMOVE WALL, OR ANY CONCRETE PADS.

160' 0' 160' 320'

SCALE: 1"=160'

A1
C-102

PLAN - PARCEL B2 - EXISTING CONDITIONS & SITE PREPARATION

SCALE: 1" = 160'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - PARCEL B2 - EXISTING CONDITIONS & SITE PREPARATION

Designed by: DC	Date: 2024-05-07	Rev.	
Drawn by: CC	Chd by: LC	M&N Project No. 11102-33	
Reviewed by: TJS	Drawing code:		
Submitted by: SUBMITTERS NAME MOFFATT & NICHOL	Drawing Scale: Plot scale: 1:1 (D SHEET)		

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

NEW JERSEY WIND PORT
NJEDA

SEAL

Sheet
Reference No.
C-102
INDEX: 11 OF 117

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



NOTES:

1. THE FHA ELEVATION IS +9.0' PER THE FEMA MAP. THE FLOOD HAZARD AREA VERIFICATION IS BASED ON FEMA TIDAL METHOD 2 AND FLOOD INSURANCE RATE MAP (FIRM) NUMBERS 34033C0256C, 34033C0257C, 34033C0258C, AND 34033C0259C PUBLISHED BY FEMA AND MADE EFFECTIVE ON JUNE 16, 2016.

LEGEND

- SSF — SUPER SILT FENCE
- SCE — STABILIZED CONSTRUCTION ENTRANCE
- LOD — LIMIT OF DISTURBANCE

SITE PREPARATION NOTES:

- D1 CLEAR AND GRUB WITHIN LIMIT OF DEMOLITION
- D2 STORM DRAIN TO BE REMOVED.
- D3 REMOVE DIRT ROAD.
- D4 REMOVE EXISTING TIMBER PILES.
- D5 REMOVE EXISTING FIRING RANGE.
- D6 REMOVE SIGNS/POSTS.
- D7 REMOVE LIGHT POLE.
- D8 REMOVE WALL, OR ANY CONCRETE PADS.
- D9 PIPELINE TO BE REMOVED

100' 0' 100' 200'

SCALE: 1"=100'

A1 C-103 PLAN - PARCEL C2 - EXISTING CONDITIONS & SITE PREPARATION
SCALE: 1" = 100'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - PARCEL C2 - EXISTING CONDITIONS & SITE PREPARATION

Designed by: DC
Drawn by: CC
Checked by: LC
Reviewed by: TJS
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: 2024-05-07
M&N Project No. 11102-33
Drawing scale:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Rev.

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

NJEDA
NEW JERSEY WIND PORT

SEAL

Sheet Reference No.
C-103
INDEX: 12 OF 117

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

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NOTES:

1. THE FHA ELEVATION IS +9.0' PER THE FEMA MAP. THE FLOOD HAZARD AREA VERIFICATION IS BASED ON FEMA TIDAL METHOD 2 AND FLOOD INSURANCE RATE MAP (FIRM) NUMBERS 34033C0256C, 34033C0257C, 34033C0258C, AND 34033C0259C PUBLISHED BY FEMA AND MADE EFFECTIVE ON JUNE 16, 2016.

SSF — SUPER SILT FENCE

SCE — STABILIZED CONSTRUCTION ENTRANCE

LOD — LIMIT OF DISTURBANCE

SITE PREPARATION NOTES:

D1 CLEAR AND GRUB WITHIN LIMIT OF DISTURBANCE

D2 STORM DRAIN TO BE REMOVED.

D3 REMOVE DIRT ROAD.

D4 REMOVE EXISTING TIMBER PILES.

D5 REMOVE EXISTING FIRING RANGE.

D6 REMOVE SIGNS/POSTS.

D7 REMOVE LIGHT POLE.

D8 REMOVE WALL, OR ANY CONCRETE PADS.

D9 PIPELINE TO BE REMOVED

100' 0' 100' 200'

SCALE: 1"=100'

A1 / C-104 PLAN - PARCEL D - EXISTING CONDITIONS & SITE PREPARATION

SCALE: 1" = 40'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - PARCEL D - EXISTING CONDITIONS & SITE PREPARATION

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

NEW JERSEY WIND PORT
NJEDA

Designed by: DC	Cad by: LC	Date: 2024-05-07	Rev.
Drawn by: CC		M&N Project No. 11102-33	
Reviewed by: TJS		Drawing code:	
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL		Drawing Scale: Plot scale: 1:1 (D SHEET)	

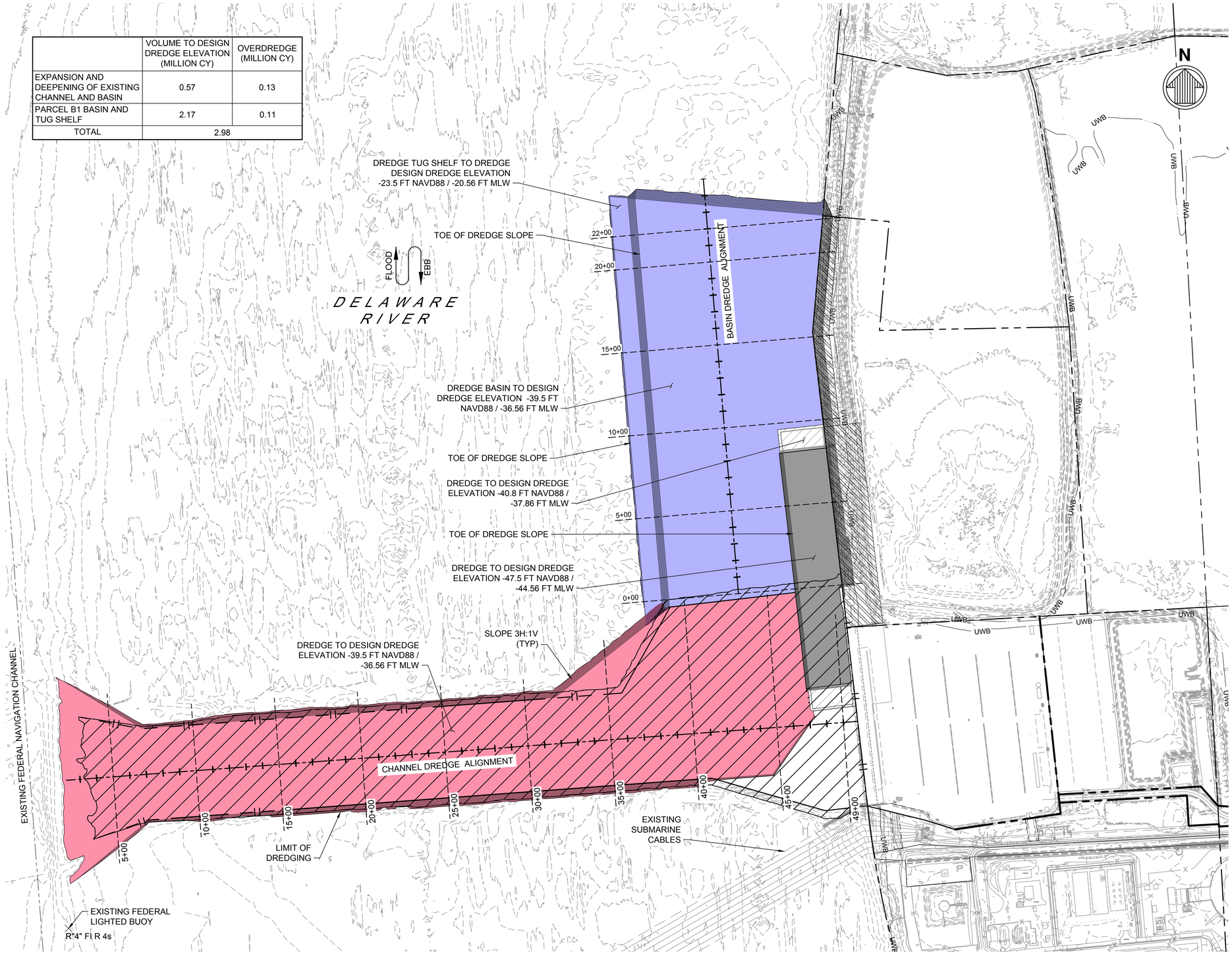
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Sheet Reference No.
C-104
INDEX: 13 OF 117

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

	VOLUME TO DESIGN DREDGE ELEVATION (MILLION CY)	OVERDREDGE (MILLION CY)
EXPANSION AND DEEPENING OF EXISTING CHANNEL AND BASIN	0.57	0.13
PARCEL B1 BASIN AND TUG SHELF	2.17	0.11
TOTAL	2.98	



NOTES:

1. ELEVATIONS SHOWN REFERENCE NAVD88 AND MLW.
2. HYDROGRAPHIC DATA DEPICTED ON THIS DRAWING IS BASED ON SURVEY CONDUCTED BY S.T. HUDSON ENGINEERS, INC. IN OCTOBER 2022.
3. DESIGN DREDGE ELEVATIONS DO NOT INCLUDE OVERDREDGE ALLOWANCE (ADDITIONAL 1 FT).

LEGEND:

- EXISTING PARCEL A CHANNEL AND BASIN
- EXPANSION AND DEEPENING OF EXISTING CHANNEL AND BASIN
- PARCEL B1 BASIN AND TUG SHELF

A1 / D-101 PLAN - DREDGING
SCALE: 1" = 300'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - DREDGING

moffatt & nichol
180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330

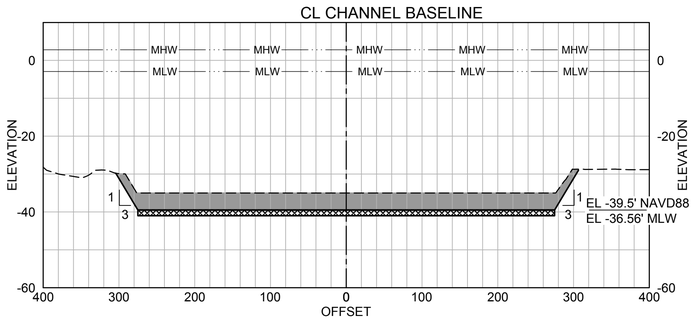
NEW JERSEY WIND PORT
NJEDA

Designed by: DC	Drawn by: CC	Checked by: LC	Reviewed by: TJS
Date: 2024-05-07	M&N Project No. 11102-33	Drawing code:	
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	Drawing Scale: Plot scale: 1:1 (0 SHEET)		

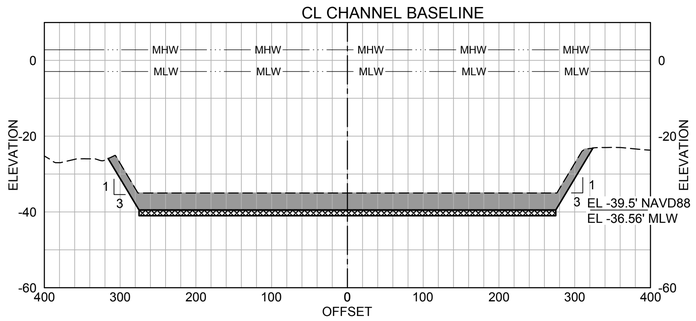
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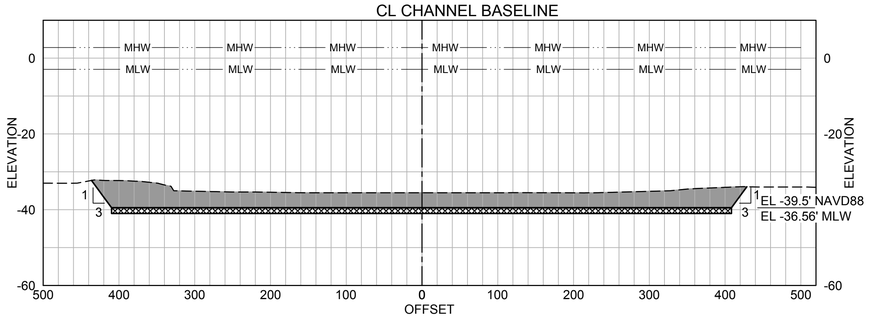
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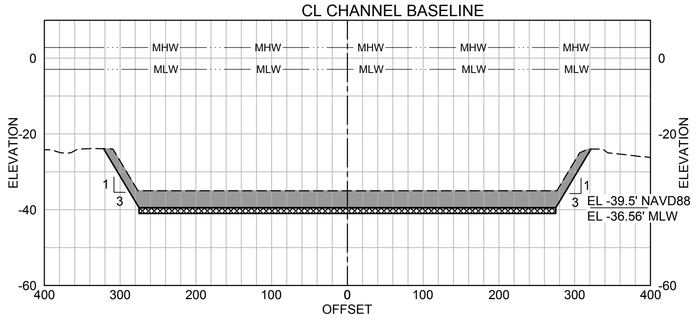
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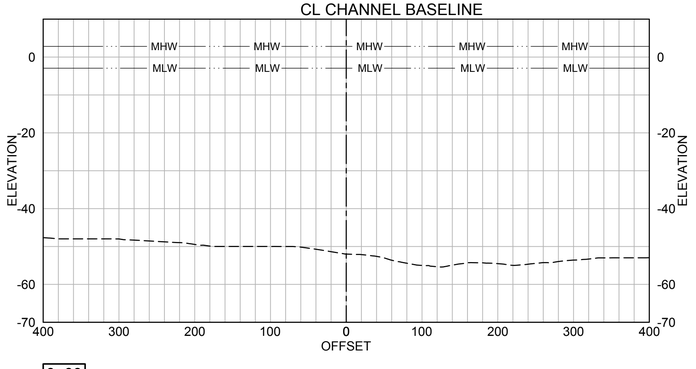
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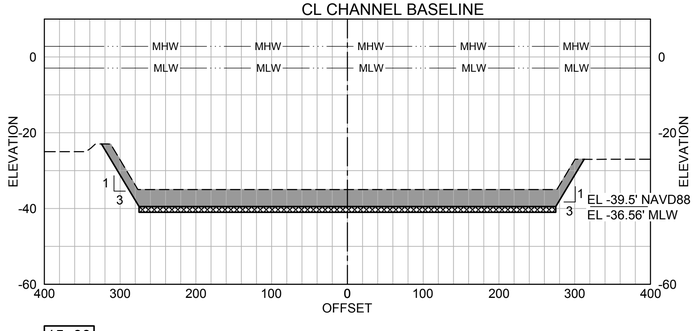
5+00



20+00



0+00



15+00

LEGEND

- AREA TO BE DREDGED
- MAX ALLOWANCE OVERDREDGE 1.0 FT
- EXISTING MUDLINE
- MEAN HIGH WATER (EL 2.80 FT)
- MEAN LOW WATER (EL -2.94 FT)

20' 0' 20' 40'
SCALE: VERT 1"=20'

100' 0' 100' 200'
SCALE: HORZ 1"=100'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

SECTIONS - CHANNEL (1 OF 3)

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

NEW JERSEY WIND PORT
NJEDA

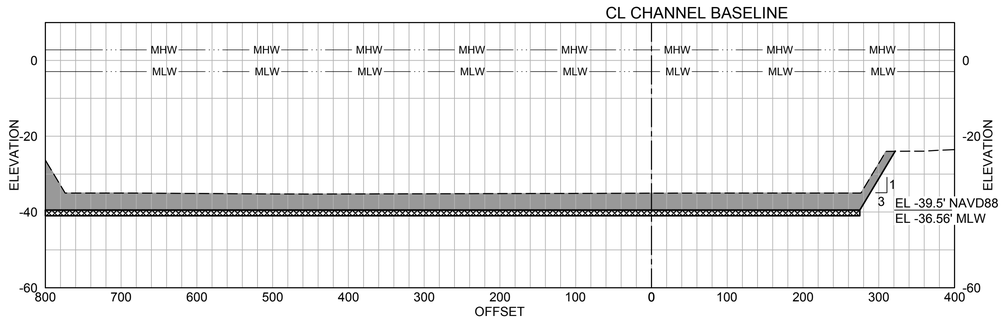
Designed by: DC
Drawn by: CC
Checked by: LC
Reviewed by: TJS
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: 2024-05-07
M&N Project No. 11102-33
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Rev.

SEAL

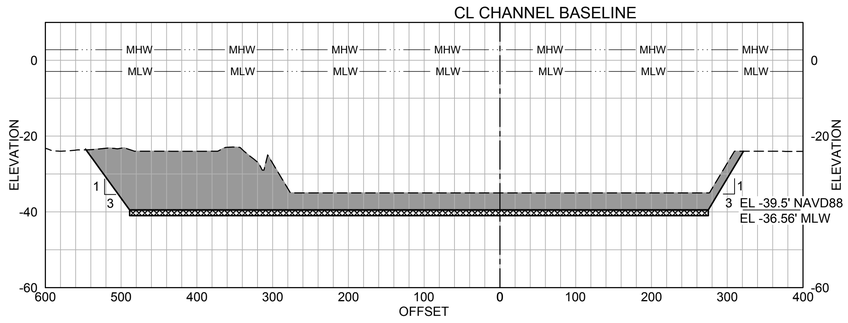
Sheet Reference No.
D-301
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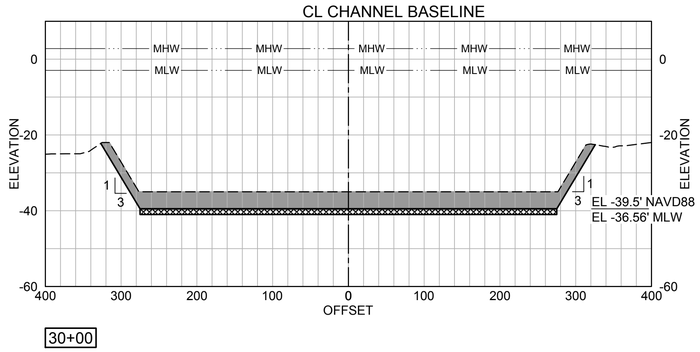
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



40+00



35+00



30+00

LEGEND

- AREA TO BE DREDGED
- MAX ALLOWANCE OVERDREDGE 1.0 FT
- EXISTING MUDLINE
- MEAN HIGH WATER (EL 2.80 FT)
- MEAN LOW WATER (EL -2.94 FT)

20' 0' 20' 40'

SCALE: VERT 1"=20'

100' 0' 100' 200'

SCALE: HORZ 1"=100'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

SECTIONS - CHANNEL (2 OF 3)

Designed by: DC
Drawn by: CC
Checked by: LC
Reviewed by: TJS
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: 2024-05-07
M&N Project No. 11102-33
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Rev.

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-289-7300
moffatt & nichol

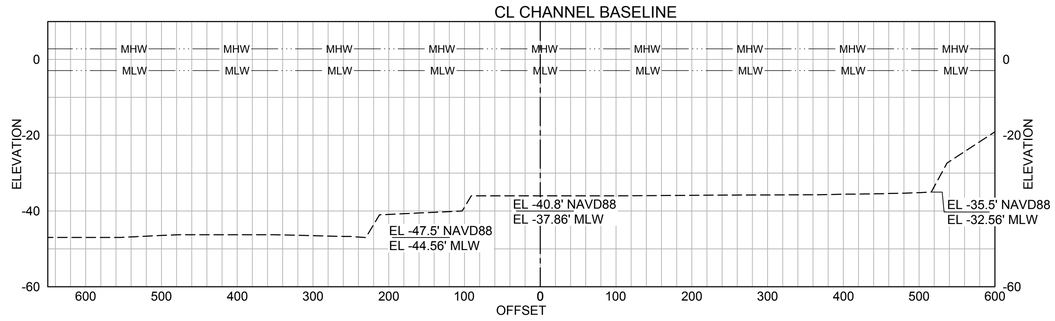
NEW JERSEY WIND PORT
NJEDA

SEAL

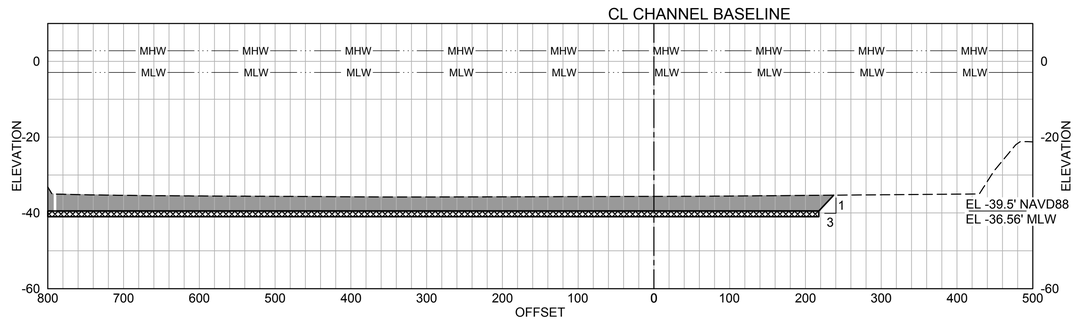
Sheet Reference No.
D-302
INDEX: 99 OF 117

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



49+00



45+00

LEGEND

- AREA TO BE DREDGED
- MAX ALLOWANCE OVERDREDGE 1.0 FT
- EXISTING MUDLINE
- MEAN HIGH WATER (EL 2.80 FT)
- MEAN LOW WATER (EL -2.94 FT)

20' 0' 20' 40'

SCALE: VERT 1"=20'

100' 0' 100' 200'

SCALE: HORZ 1"=100'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

SECTIONS - CHANNEL (3 OF 3)

Designed by: DC
Drawn by: CC
Checked by: LC
Reviewed by: TJS
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: 2024-05-07
M&N Project No. 11102-33
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Rev.

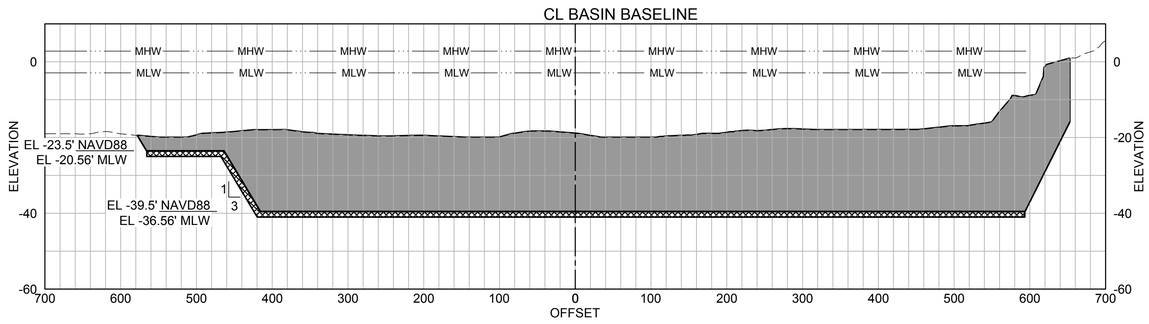
180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

NEW JERSEY WIND PORT
NJEDA

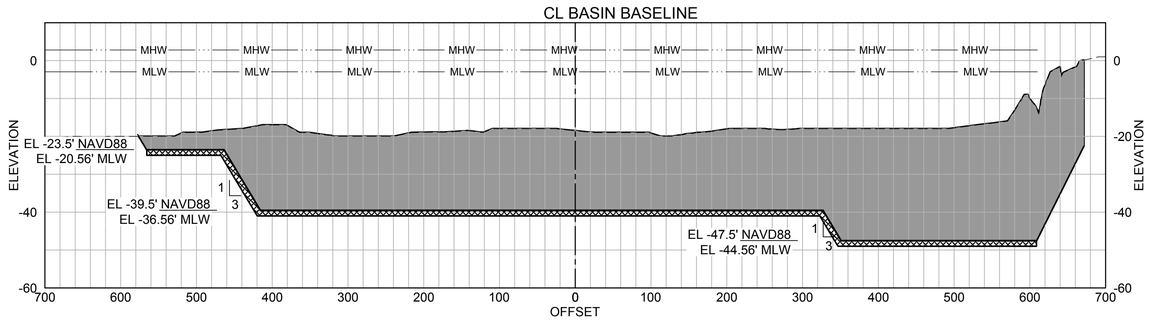
SEAL

Sheet Reference No.
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INDEX: 100 OF 117

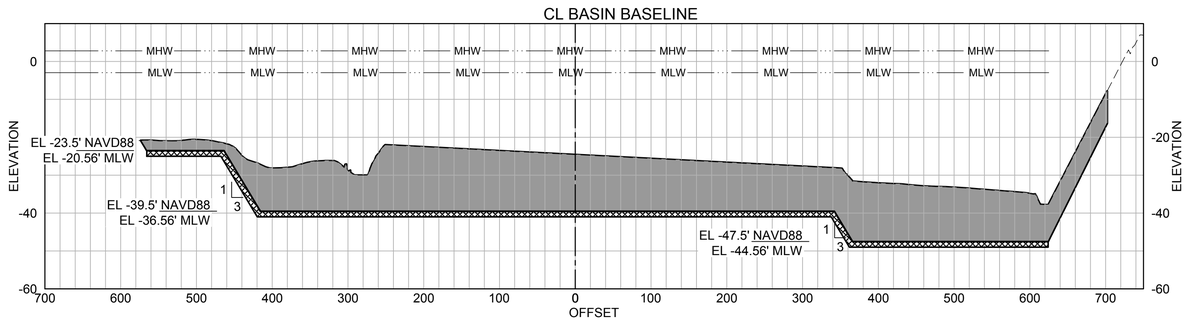
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10+00



5+00



0+00

LEGEND

- AREA TO BE DREDGED
- MAX ALLOWANCE OVERDREDGE 1.0 FT
- EXISTING MUDLINE
- MEAN HIGH WATER (EL 2.80 FT)
- MEAN LOW WATER (EL -2.94 FT)

20' 0' 20' 40'

SCALE: VERT 1"=20'

100' 0' 100' 200'

SCALE: HORZ 1"=100'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

SECTIONS - BASIN (1 OF 2)

Date: 2024-05-07
Rev.:
M&N Project No.: 11102-33
Drawing code:
Drawing Scale: 1:1 (D SHEET)
Designed by: DC
Drawn by: CC
Cad by: LC
Reviewed by: TJS
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Plot scale:

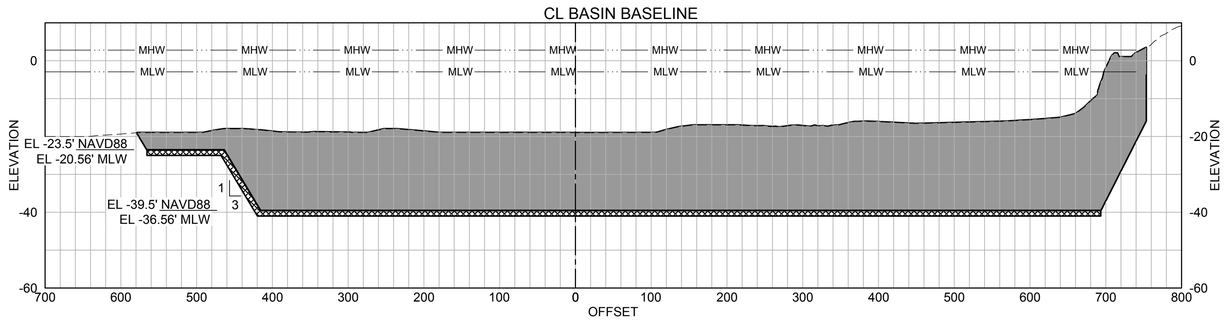
180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

NEW JERSEY WIND PORT
NJ EDA

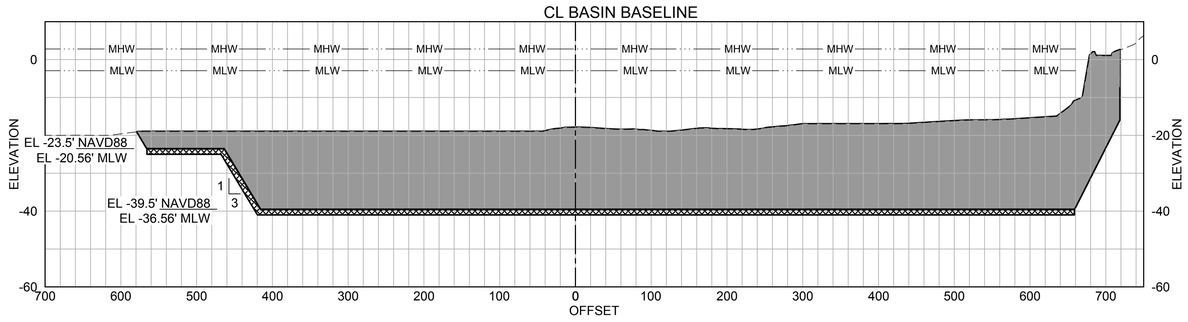
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Sheet Reference No.
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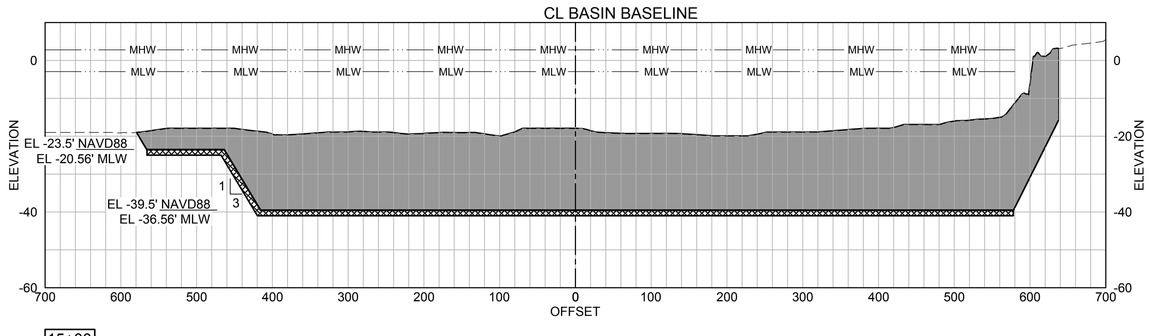
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22+00



20+00



15+00

LEGEND

- AREA TO BE DREDGED
- MAX ALLOWANCE OVERDREDGE 1.0 FT
- EXISTING MUDLINE
- MEAN HIGH WATER (EL 2.80 FT)
- MEAN LOW WATER (EL -2.94 FT)

20' 0' 20' 40'
SCALE: VERT 1"=20'

100' 0' 100' 200'
SCALE: HORZ 1"=100'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

SECTIONS - BASIN (2 OF 2)

Designed by: DC
Drawn by: CC
Checked by: LC
Reviewed by: TJS
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: 2024-05-07
M&N Project No. 11102-33
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Rev.

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

NEW JERSEY WIND PORT
NJEDA

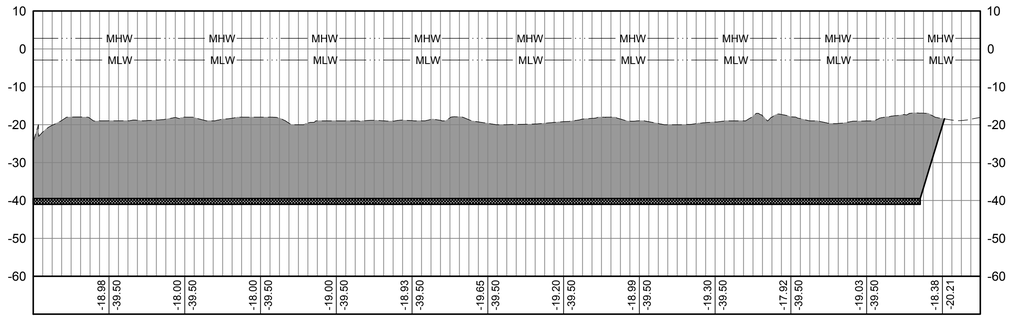
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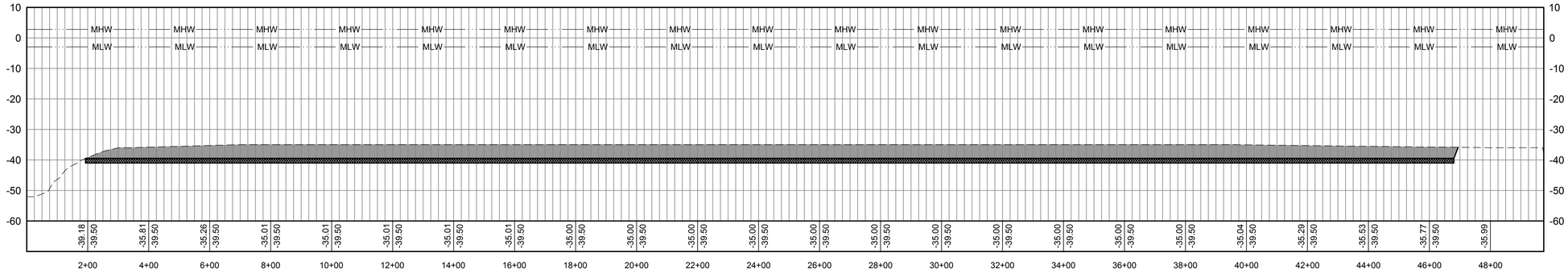
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

BASIN ALIGNMENT PROFILE



CHANNEL ALIGNMENT PROFILE



LEGEND

- AREA TO BE DREDGED
- MAX ALLOWANCE OVERDREDGE 1.0 FT
- EXISTING MUDLINE
- MEAN HIGH WATER (EL 2.80 FT)
- MEAN LOW WATER (EL -2.94 FT)

20' 0' 20' 40'
SCALE: VERT 1"=20'

200' 0' 200' 400'
SCALE: HORZ 1"=200'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PROFILE - DREDGING

Rev:
Date: 2024-05-07
M&N Project No. 11102-33
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Designed by: DC
Drawn by: CC
Cad by: LC
Reviewed by: TJS
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

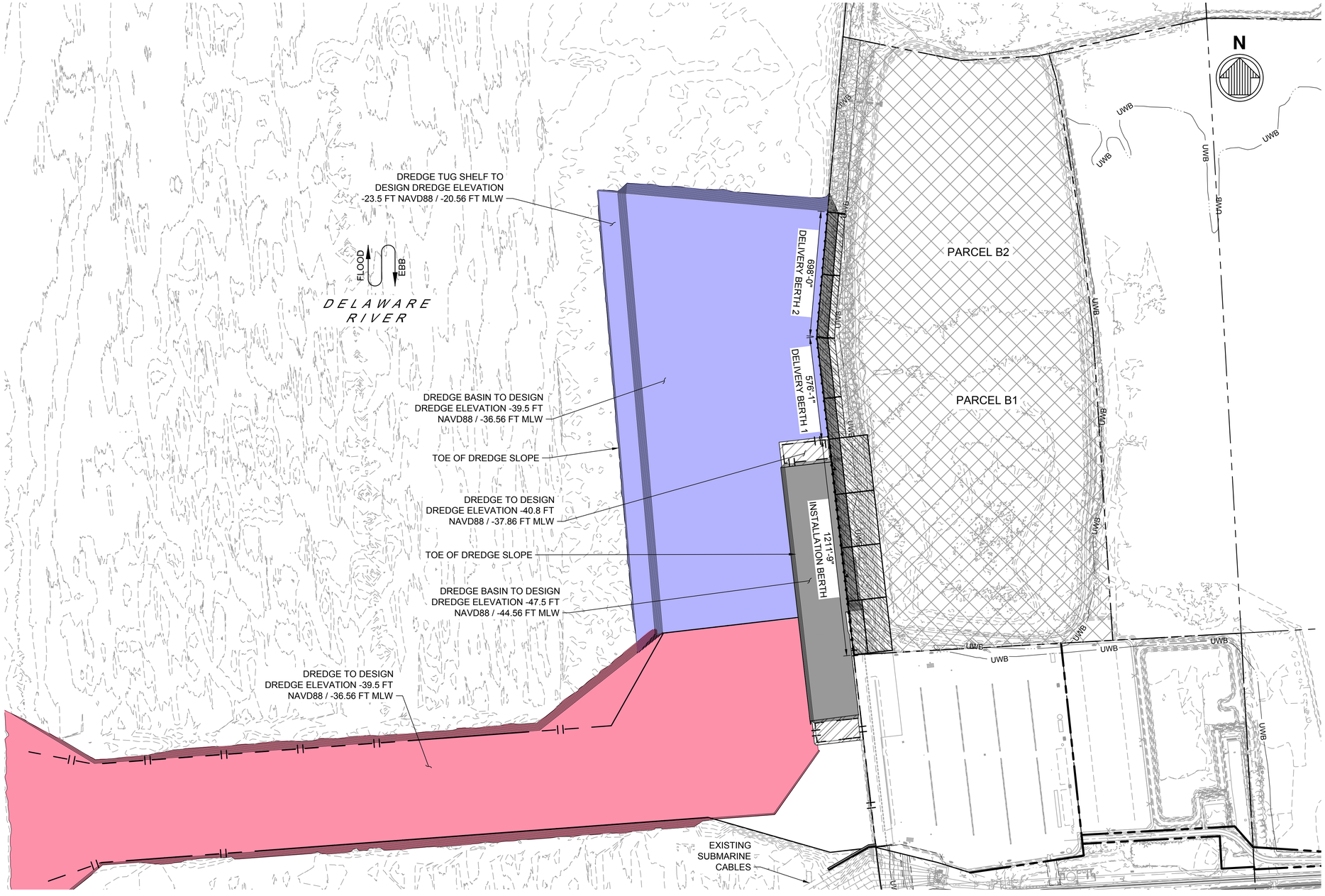
NEW JERSEY WIND PORT
NJEDA

SEAL

Sheet Reference No.
D-306
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



NOTES:

1. ELEVATIONS SHOWN REFERENCE NAVD88 AND MLW.
2. FENDERS SPACED AT 50 FT ALONG BERTHS.
3. 100 MT BOLLARDS SPACED AT 50 FT ALONG DELIVERY BERTHS.
4. 175 MT BOLLARDS SPACED AT 50 FT ALONG INSTALLATION BERTH.
5. DESIGN DREDGE ELEVATIONS DO NOT INCLUDE OVERDREDGE ALLOWANCE (ADDITIONAL 1 FT)

LEGEND:

- 6200 PSF LIVE LOAD, PILE SUPPORTED HEAVY LIFT AREA
- 3000 PSF LIVE LOAD, UPLAND STORAGE AND STAGING AREA

B1 / S-101 — PLAN - GENERAL ARRANGEMENT AND LOADING LAYOUT
SCALE: 1" = 300'

300' 0' 300' 600'
SCALE: 1"=300'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

Rev.	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - GENERAL ARRANGEMENT AND LOADING LAYOUT

Designed by: DC
Drawn by: CC
Chd by: LC
Reviewed by: TJS
Submitted by: SUBMITTERS NAME MOFFATT & NICHOL
Date: 2024-05-07
M&N Project No. 11102-33
Drawing scale:
Drawing Scale:
Plot scale: 1:1 (D SHEET)

moffatt & nichol
180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330

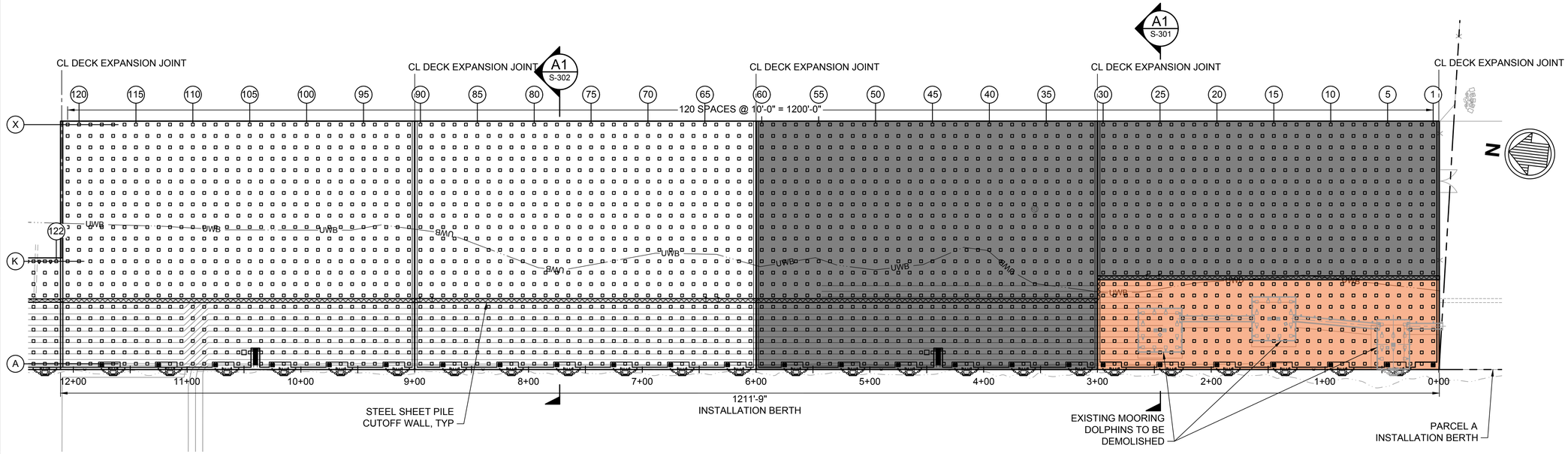
NEW JERSEY WIND PORT
NJEDA

SEAL

Sheet Reference No.
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



B1 S-102 PLAN - INSTALLATION BERTH - PILES
SCALE: 1" = 50'

LEGEND:

TO BE CONSTRUCTED PRIOR TO EXISTING DOLPHINS DEMOLITION.

TO BE CONSTRUCTED AFTER EXISTING DOLPHINS DEMOLITION.

50' 0' 50' 100'
SCALE: 1"=50'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - INSTALLATION BERTH - PILES

Date: 2024-05-07
Rev.
M&N Project No. 11102-33
Drawing scale:
Drawing Scale: 1:1 (D SHEET)
Designed by: DC
Drawn by: CC
Cad by: LC
Reviewed by: TJS
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

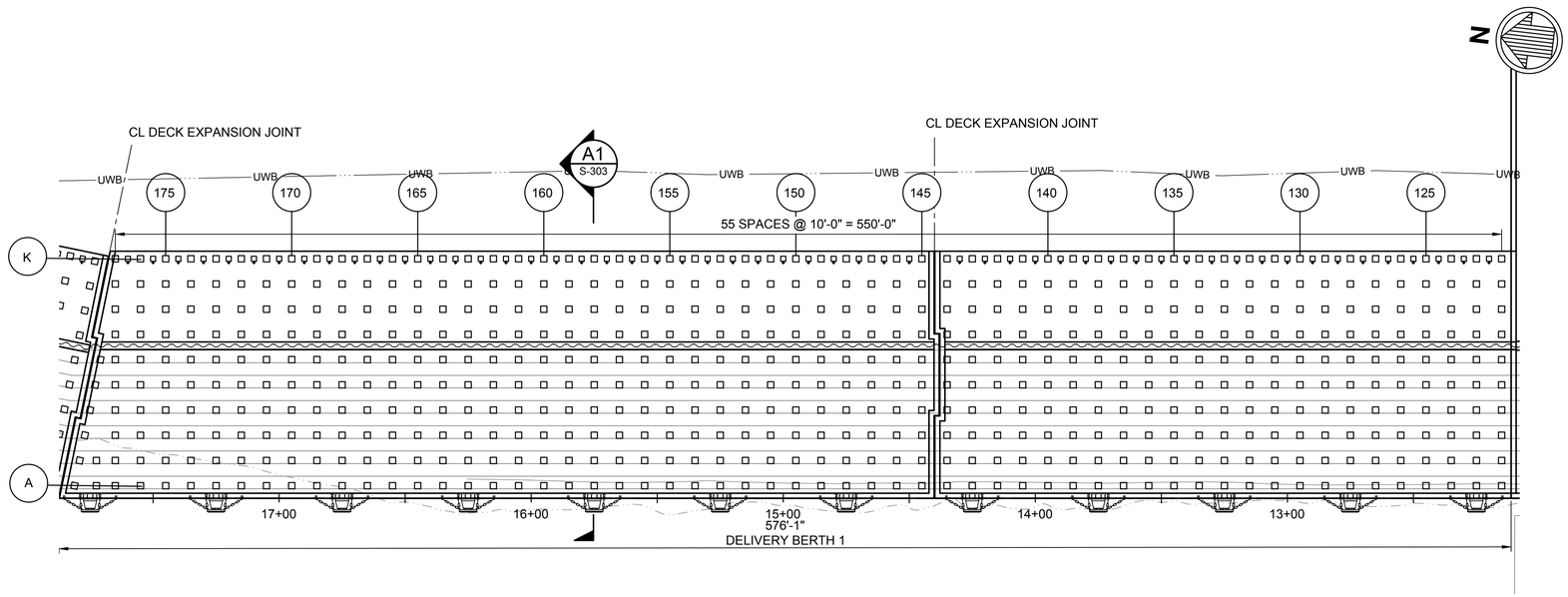
NEW JERSEY WIND PORT
NJ EDA

SEAL

Sheet Reference No.
S-102
INDEX: 112 OF 117

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



B1 / S-103 PLAN - DELIVERY BERTH 1 - PILES

SCALE: 1" = 30'

30' 0' 30' 60'

SCALE: 1"=30'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - DELIVERY BERTH 1 - PILES

Rev.	
Date:	2024-05-07
Designed by:	DC
Dwn by:	CC
Ckd by:	LC
Reviewed by:	TJS
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
M&N Project No.	11102-33
Drawing code:	
Drawing Scale:	
Plot scale:	1:1 (D SHEET)

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-289-7330
moffatt & nichol

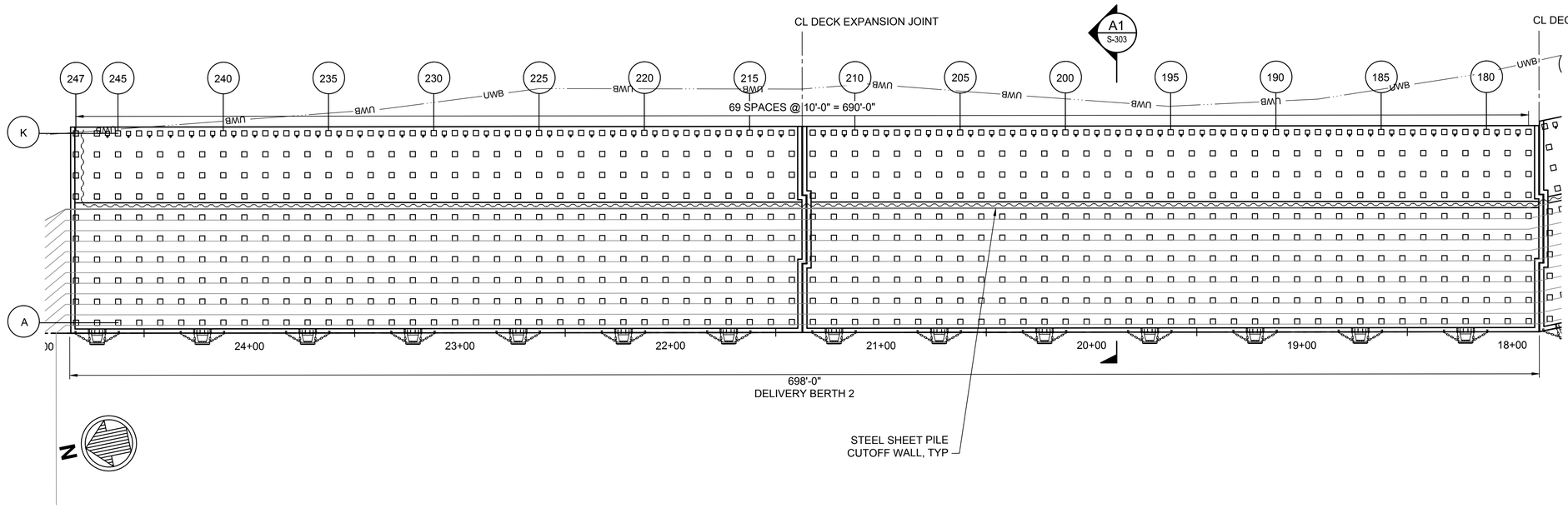
NEW JERSEY WIND PORT
NJEDA

SEAL

Sheet Reference No.
S-103
INDEX: 113 OF 117

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

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B1 S-104 PLAN - DELIVERY BERTH 2 - PILES

SCALE: 1" = 30'

30' 0' 30' 60'

SCALE: 1"=30'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - DELIVERY BERTH 2 - PILES

Rev.
Date: 2024-05-07
M&N Project No. 11102-33
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)

Designed by: DC
Drawn by: CC
Ckd by: LC
Reviewed by: TJS
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL

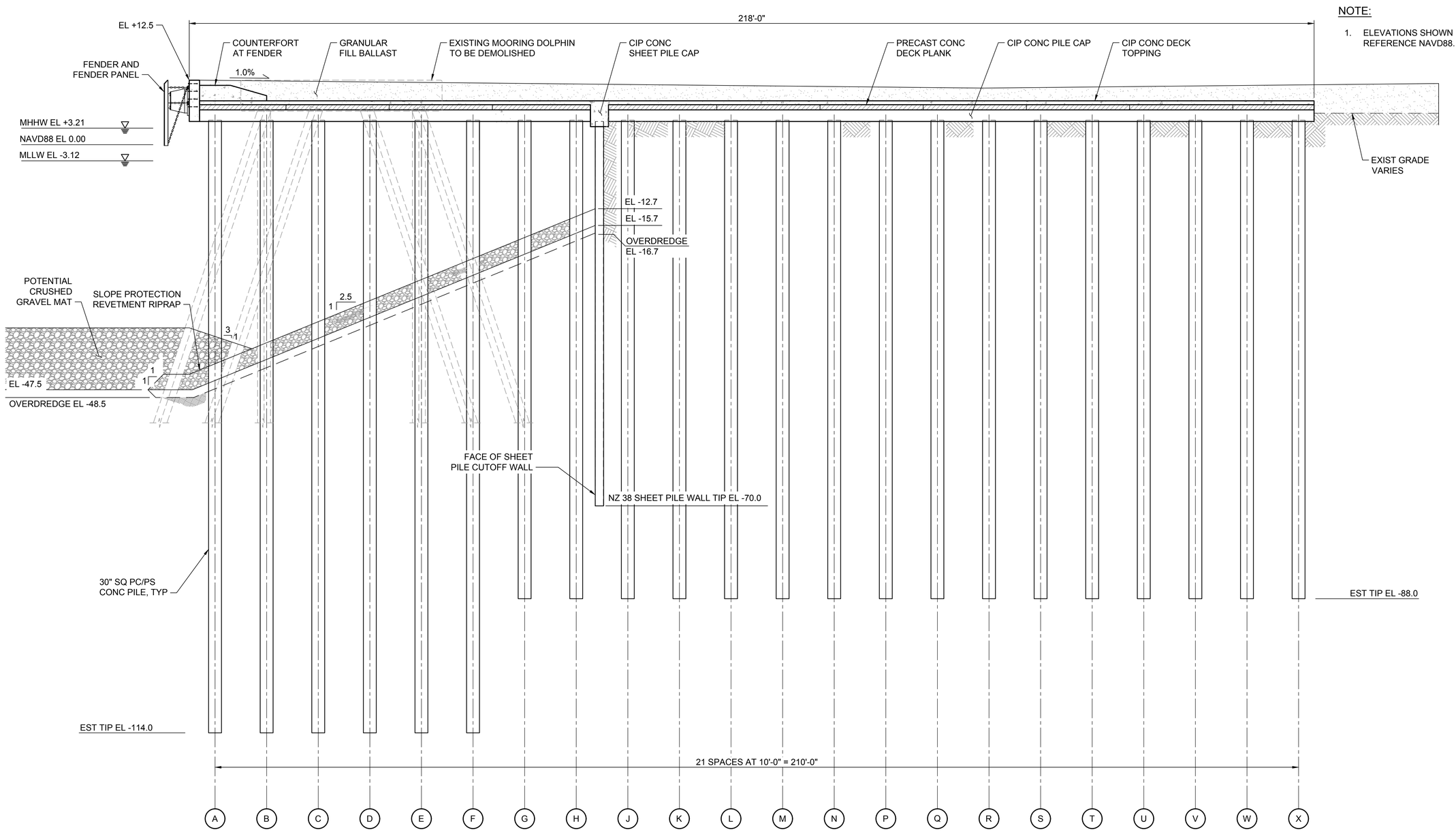
180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

NEW JERSEY WIND PORT
NJEDA

SEAL

Sheet Reference No.
S-104
INDEX: 114 OF 117

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NOTE:

1. ELEVATIONS SHOWN REFERENCE NAVD88.

A1 / S-301 SECTION - TYP. INSTALLATION BERTH AT EXISTING PARCEL A DOLPHINS
SCALE: 1" = 10'

10' 0' 10' 20'
SCALE: 1"=10'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

SECTION - TYP. INSTALLATION BERTH AT EXISTING PARCEL A DOLPHINS

Mark	Description	Date	Appr

Date: 2024-05-07
Rev.
M&N Project No. 11102-33
Drawing code:
Drawing Scale:
Plot scale: 1:1 (0 SHEET)
Designed by: DC
Drawn by: CC
Chkd by: LC
Reviewed by: TJS
Submitted by: SUBMITTERS NAME MOFFATT & NICHOL

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-289-7330
moffatt & nichol

NEW JERSEY WIND PORT
NJEDA

SEAL

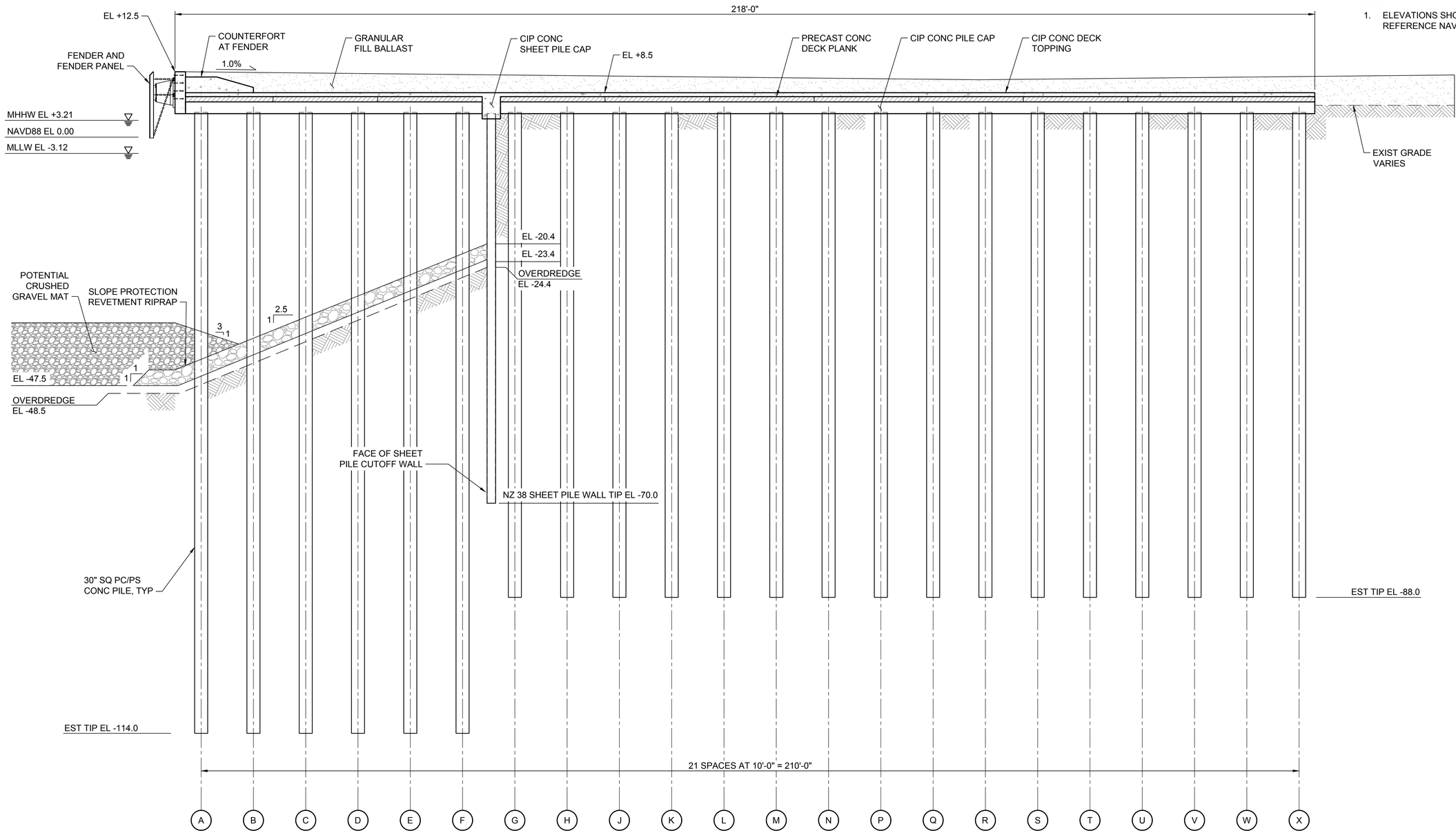
Sheet Reference No.
S-301
INDEX: 115 OF 117

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

NOTE:

1. ELEVATIONS SHOWN REFERENCE NAVD88.



A1 / S-302 SECTION - TYPICAL INSTALLATION BERTH
SCALE: 1" = 10'

10' 0' 10' 20'
SCALE: 1"=10'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

SECTION - TYPICAL INSTALLATION BERTH

Designed by: DC	Drawn by: CC	Checked by: LC	Date: 2024-05-07
Reviewed by: TJS	Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL	Drawing code:	M&N Project No. 11102-33
Drawing Scale: Plot scale: 1:1 (0 SHEET)			Rev.

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

NEW JERSEY WIND PORT
NJEDA

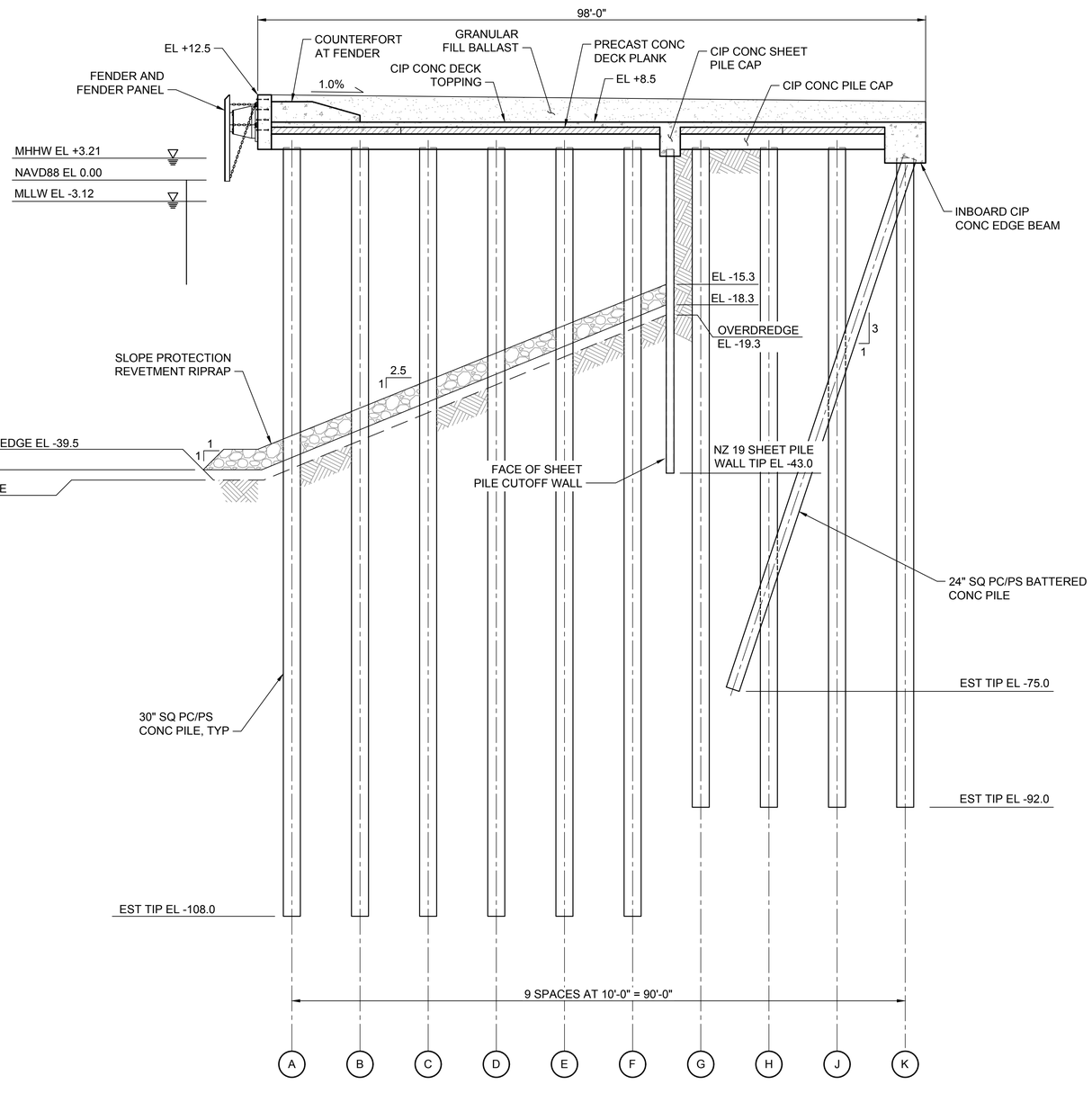
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Sheet Reference No.
S-302
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NOTE:

1. ELEVATIONS SHOWN REFERENCE NAVD88.



A1 / S-303 SECTION - TYPICAL DELIVERY BERTH
SCALE: 1" = 10'

10' 0' 10' 20'
SCALE: 1"=10'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

SECTION - TYPICAL DELIVERY BERTH

Designed by: DC	Drawn by: CC	Checked by: LC	Reviewed by: TJS
Date: 2024-05-07	M&N Project No. 11102-33	Drawing code:	Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Rev.	Drawing Scale: Plot scale: 1:1 (D SHEET)		

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-399-7330
moffatt & nichol

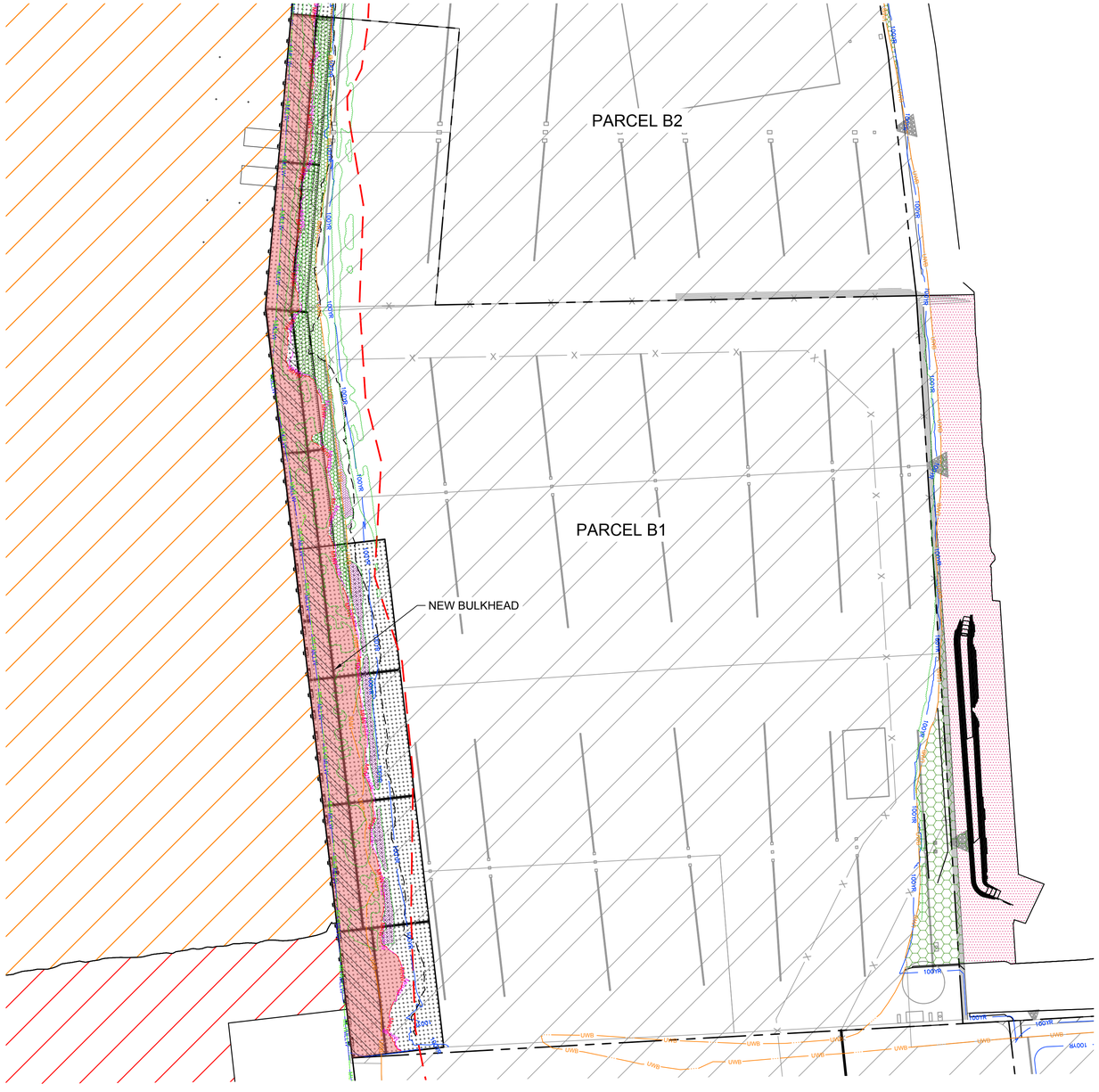
NEW JERSEY WIND PORT
NJEDA

SEAL

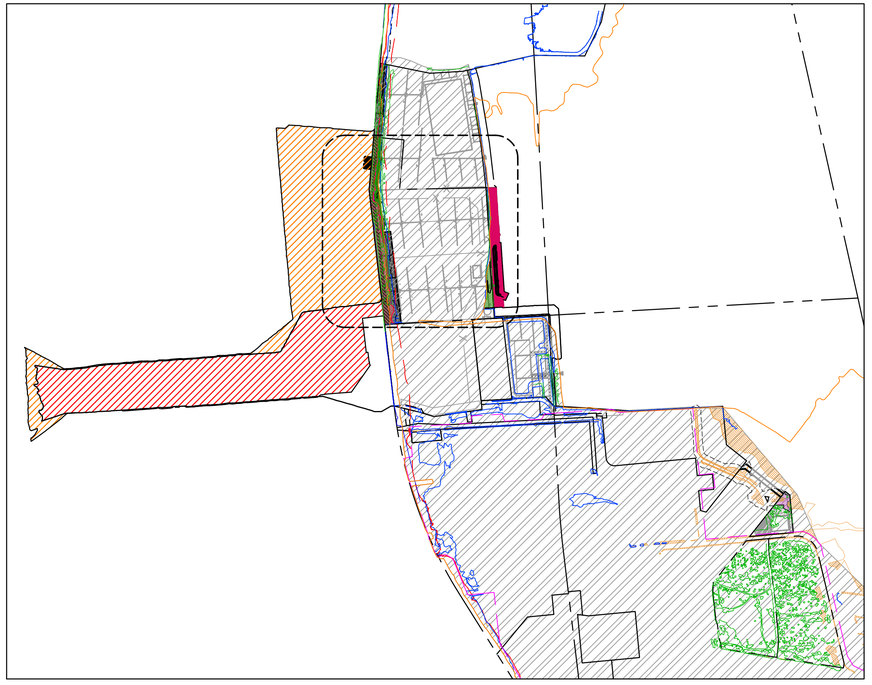
Sheet Reference No.
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



A1 EX-001 ENLARGED PLAN - PARCEL B1 ENVIRONMENTAL IMPACT
SCALE: 1" = 160'



D4 EX-001 KEY PLAN - ENVIRONMENTAL IMPACT
SCALE: 1" = 1000'

PROPOSED IMPACT AREAS

REGULATED AREA	PROPOSED IMPACTS
COASTAL WETLAND - PERMANENT (WATERSIDE)	1.384 AC
INTERTIDAL/SUBTIDAL SHALLOWS	5.258 AC
RIPARIAN ZONE VEGETATION	0.450 AC
OPEN WATER CREATION	2.699 AC
COASTAL WETLAND - PERMANENT (LANDSIDE)	1.378 AC
COASTAL WETLAND - TEMPORARY (LANDSIDE)	4.550 AC

WETLANDS LEGEND

- NEW DREDGING AREA
- EXISTING DREDGING AREA
- INTERTIDAL/SUBTIDAL SHALLOWS
- COASTAL WETLAND IMPACT - PERMANENT
- COASTAL WETLAND IMPACT - TEMPORARY
- FRESH WATER WETLAND
- OPEN WATER CREATION
- RIPARIAN ZONE
- CAFRA NODE
- UPPER WETLAND BOUNDARY
- MEAN HIGH WATER (TOP OF BANK)
- MEAN HIGHER HIGH WATER
- MEAN LOW WATER
- MEAN LOWER LOW WATER
- VEGETATION BOUNDARY
- 100 YEAR FLOOD LINE
- FEMA HIGH VELOCITY ZONE
- RIPARIAN ZONE BOUNDARY
- LIMIT OF EXISTING SSA

NOTES:

1. NJDEP MAPPED COASTAL WETLANDS BOUNDARY IS REPRESENTED BY THE NJDEP'S UWB/UWL GIS LAYER. NJDEP COASTAL WETLAND MAPS 224-1752, 224-1758, 231-1752, 231-1758 AND 237-1752 HAVE BEEN UPDATED TO COINCIDE WITH THE UWB/UWL GIS BOUNDARY VIA PETITION APPROVED SEPTEMBER 7, 2021.
2. FRESHWATER AND COASTAL WETLAND TEMPORARY IMPACTS ASSOCIATED WITH UTILITY INSTALLATION WILL BE LESS THAN 6 MONTHS. TEMPORARY IMPACTS ASSOCIATED WITH THE EDGES OF SURCHARGE ACTIVITIES (SIDE SLOPES FROM THE PILES, BUT NOT FULL SURCHARGE) WILL BE BETWEEN 6 AND 9 MONTHS DEPENDING ON HOW LONG THE SOILS REQUIRE SURCHARGE. TEMPORARY IMPACTS FOR THE PROPOSED CHANNEL REALIGNMENT WILL BE LESS THAN 2 MONTHS.
3. THE FHA ELEVATION IS +9.0' PER THE FEMA MAP. THE FLOOD HAZARD AREA VERIFICATION IS BASED ON FEMA TIDAL METHOD 2 AND FLOOD INSURANCE RATE MAO (FIRM) NUMBERS 34033C0256C, 34033C0257C, 34033C0258C AND 34033C0259C PUBLISHED BY FEMA AND MADE EFFECTIVE ON JUNE 16, 2016.

1000' 0' 1000' 2000'
SCALE: 1"=1000'

160' 0' 160' 320'
SCALE: 1"=160'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PARCEL B1
ENVIRONMENTAL IMPACT

Designed by: DC
Drawn by: CC
Checked by: LC
Reviewed by: TJS
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: 2024-05-07
M&N Project No. 11102-33
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Rev.

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

NEW JERSEY WIND PORT
NJEDA

SEAL

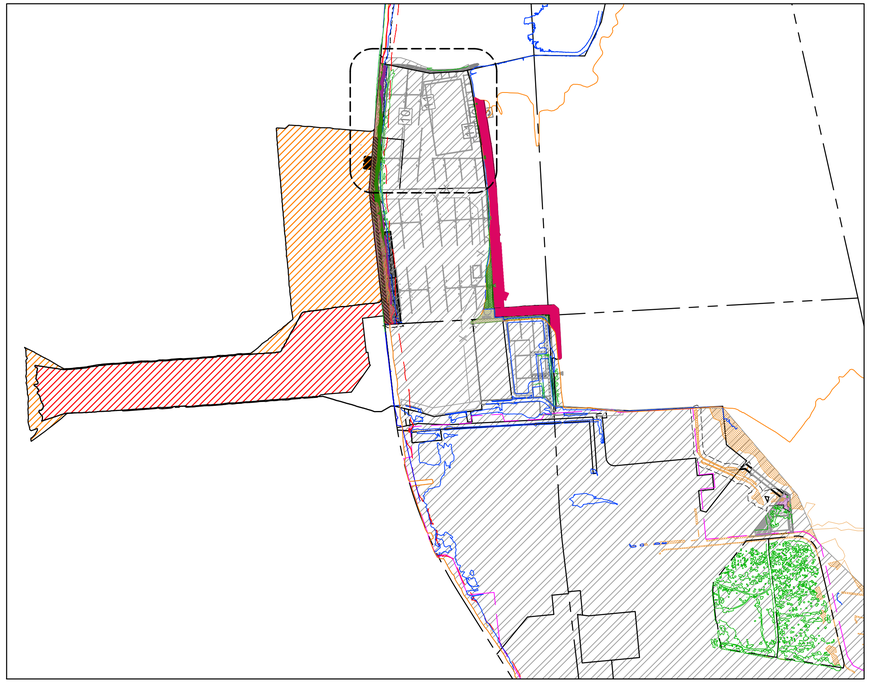
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EX-001A
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



A1 EX-002 ENLARGED PLAN - PARCEL B2 ENVIRONMENTAL IMPACT
SCALE: 1" = 120'



D4 EX-002 KEY PLAN - ENVIRONMENTAL IMPACT
SCALE: 1" = 1000'

PROPOSED IMPACT AREAS

REGULATED AREA	PROPOSED IMPACTS
COASTAL WETLAND - PERMANENT (WATERSIDE)	0.568 AC
INTERTIDAL/SUBTIDAL SHALLOWS	0.812 AC
RIPARIAN ZONE VEGETATION	0.420 AC
COASTAL WETLAND - PERMANENT (LANDSIDE)	0.048 AC
COASTAL WETLAND - TEMPORARY (LANDSIDE)	3.096 AC

WETLANDS LEGEND

- NEW DREDGING AREA
- EXISTING DREDGING AREA
- INTERTIDAL/SUBTIDAL SHALLOWS
- COASTAL WETLAND IMPACT - PERMANENT
- COASTAL WETLAND IMPACT - TEMPORARY
- FRESH WATER WETLAND
- OPEN WATER CREATION
- RIPARIAN ZONE
- CAFRA NODE
- UPPER WETLAND BOUNDARY
- MEAN HIGH WATER (TOP OF BANK)
- MEAN HIGHER HIGH WATER
- MEAN LOW WATER
- MEAN LOWER LOW WATER
- VEGETATION BOUNDARY
- 100 YEAR FLOOD LINE
- FEMA HIGH VELOCITY ZONE
- RIPARIAN ZONE BOUNDARY
- LIMIT OF EXISTING SSA

NOTES:

1. NJDEP MAPPED COASTAL WETLANDS BOUNDARY IS REPRESENTED BY THE NJDEP'S UWB/UWL GIS LAYER. NJDEP COASTAL WETLAND MAPS 224-1752, 224-1758, 231-1752, 231-1758 AND 237-1752 HAVE BEEN UPDATED TO COINCIDE WITH THE UWB/UWL GIS BOUNDARY VIA PETITION APPROVED SEPTEMBER 7, 2021.
2. FRESHWATER AND COASTAL WETLAND TEMPORARY IMPACTS ASSOCIATED WITH UTILITY INSTALLATION WILL BE LESS THAN 6 MONTHS. TEMPORARY IMPACTS ASSOCIATED WITH THE EDGES OF SURCHARGE ACTIVITIES (SIDE SLOPES FROM THE PILES, BUT NOT FULL SURCHARGE) WILL BE BETWEEN 6 AND 9 MONTHS DEPENDING ON HOW LONG THE SOILS REQUIRE SURCHARGE.
3. THE FHA ELEVATION IS +9.0' PER THE FEMA MAP. THE FLOOD HAZARD AREA VERIFICATION IS BASED ON FEMA TIDAL METHOD 2 AND FLOOD INSURANCE RATE MAO (FIRM) NUMBERS 34033C0256C, 34033C0257C, 34033C0258C AND 34033C0259C PUBLISHED BY FEMA AND MADE EFFECTIVE ON JUNE 16, 2016.

1000' 0' 1000' 2000'
SCALE: 1"=1000'

120' 0' 120' 240'
SCALE: 1"=120'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

Rev.	Date	Description	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PARCEL B2
ENVIRONMENTAL IMPACT

Designed by: DC | Drawn by: CC | Cad by: LC
Reviewed by: TJS
Submitted by: SUBMITTERS NAME MOFFATT & NICHOL
Date: 2024-05-07
M&N Project No. 11102-33
Drawing date:
Drawing Scale:
Plot scale: 1:1 (D SHEET)

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

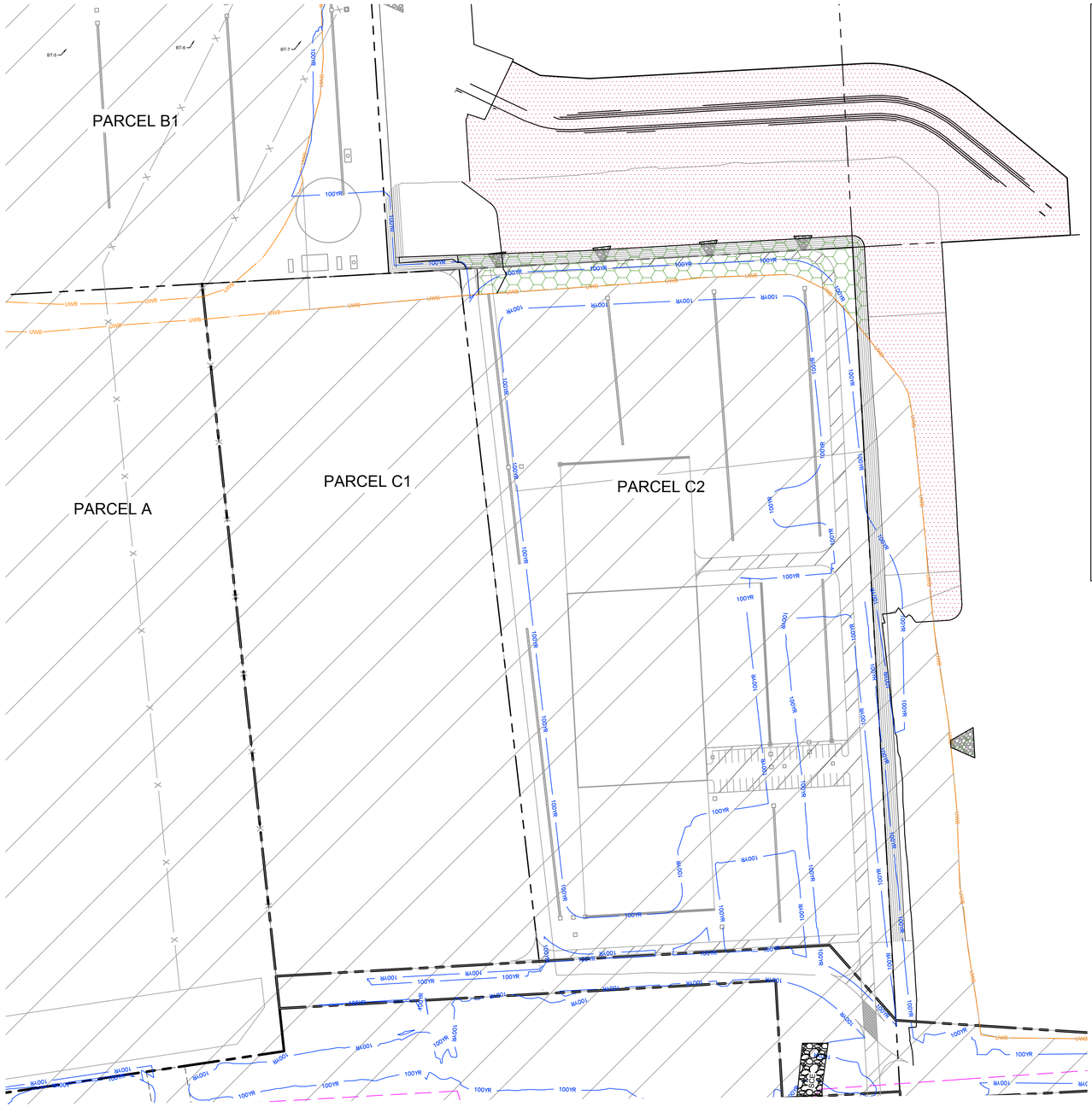
NEW JERSEY WIND PORT
NJEDA

SEAL

Sheet Reference No.
EX-002
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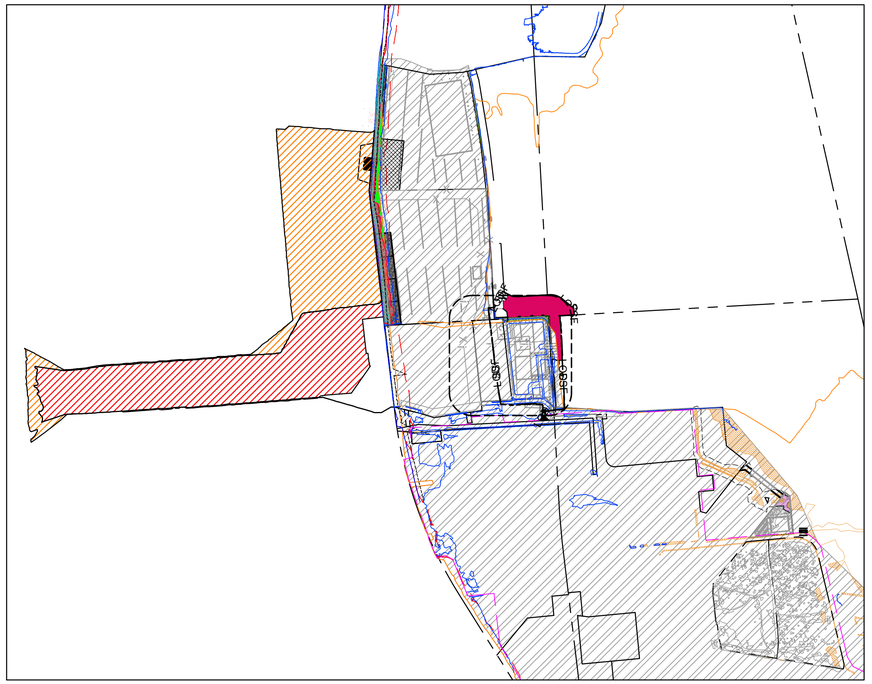
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



A1 EX-003 ENLARGED PLAN - PARCEL C2 ENVIRONMENTAL IMPACT
SCALE: 1" = 100'

WETLANDS LEGEND

- COASTAL WETLAND IMPACT - PERMANENT
- COASTAL WETLAND IMPACT - TEMPORARY
- CAFRA NODE
- UPPER WETLAND BOUNDARY
- 100 YEAR FLOOD LINE
- LIMIT OF EXISTING SSA



D4 EX-003 KEY PLAN - ENVIRONMENTAL IMPACT
SCALE: 1" = 1000'

PROPOSED IMPACT AREAS	
REGULATED AREA	PROPOSED IMPACTS
COASTAL WETLAND - PERMANENT (LANDSIDE)	0.911 AC
COASTAL WETLAND - TEMPORARY (LANDSIDE)	6.137 AC

NOTES:

1. NJDEP MAPPED COASTAL WETLANDS BOUNDARY IS REPRESENTED BY THE NJDEP'S UWB/UWL GIS LAYER. NJDEP COASTAL WETLAND MAPS 224-1752, 224-1758, 231-1752, 231-1758 AND 237-1752 HAVE BEEN UPDATED TO COINCIDE WITH THE UWB/UWL GIS BOUNDARY VIA PETITION APPROVED SEPTEMBER 7, 2021.
2. FRESHWATER AND COASTAL WETLAND TEMPORARY IMPACTS ASSOCIATED WITH UTILITY INSTALLATION WILL BE LESS THAN 6 MONTHS. TEMPORARY IMPACTS ASSOCIATED WITH THE EDGES OF SURCHARGE ACTIVITIES (SIDE SLOPES FROM THE PILES, BUT NOT FULL SURCHARGE) WILL BE BETWEEN 6 AND 9 MONTHS DEPENDING ON HOW LONG THE SOILS REQUIRE SURCHARGE. TEMPORARY IMPACTS FOR THE PROPOSED CHANNEL REALIGNMENT WILL BE LESS THAN 2 MONTHS.
3. THE FHA ELEVATION IS +9.0' PER THE FEMA MAP. THE FLOOD HAZARD AREA VERIFICATION IS BASED ON FEMA TIDAL METHOD 2 AND FLOOD INSURANCE RATE MAO (FIRM) NUMBERS 34033C0256C, 34033C0257C, 34033C0258C AND 34033C0259C PUBLISHED BY FEMA AND MADE EFFECTIVE ON JUNE 16, 2016.

1000' 0' 1000' 2000'
SCALE: 1"=1000'

100' 0' 100' 200'
SCALE: 1"=100'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PARCEL C2
ENVIRONMENTAL IMPACT

Designed by: DC
Drawn by: CC
Cad by: LC
Reviewed by: TJS
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Date: 2024-05-07
Rev:
M&N Project No. 111102-33
Drawing Scale:
Plot scale: 1:1 (0 SHEET)

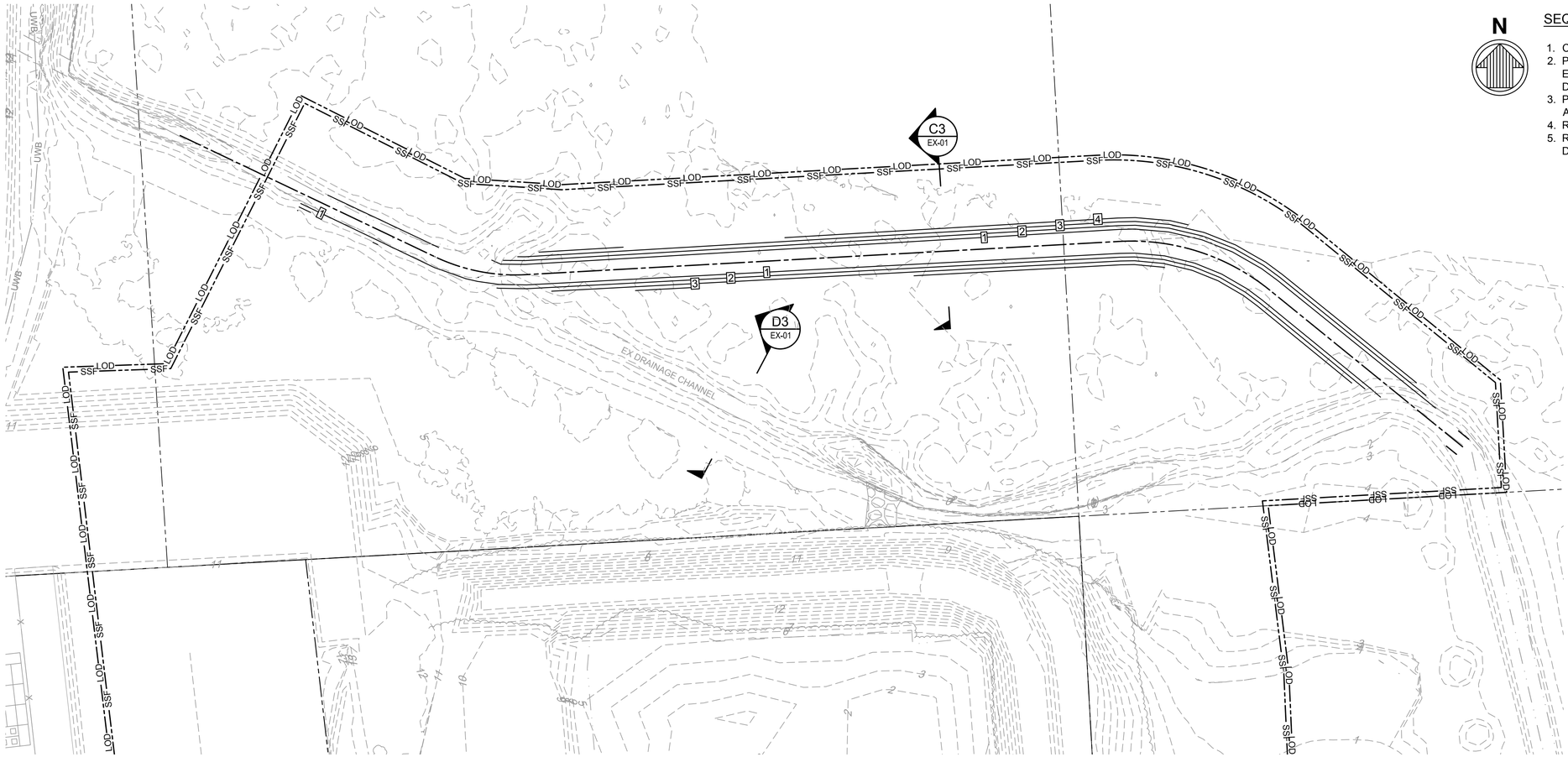
180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-298-7300
moffatt & nichol

NEW JERSEY WIND PORT
NJEDA

SEAL

Sheet
Reference No.
EX-003
INDEX: 3 OF 4

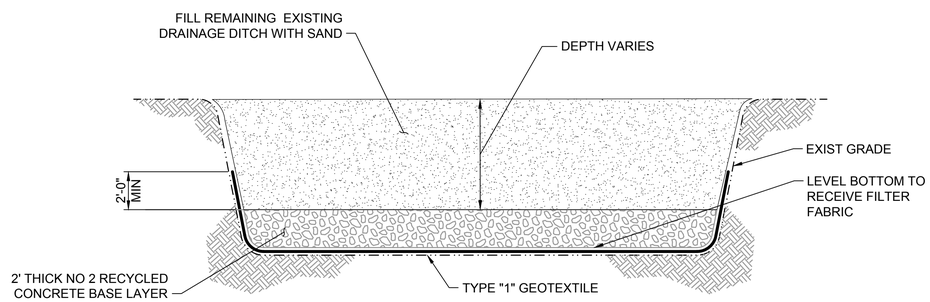
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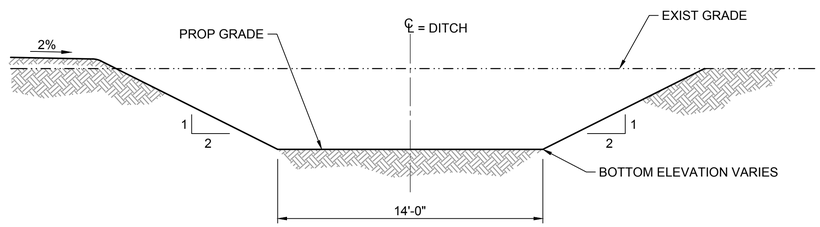
SEQUENCE OF CONSTRUCTION

1. CONSTRUCTION OF RELOCATED TIDAL CHANNEL.
2. PREPARATION OF SOIL SURCHARGE EMBANKMENT AREA OF TEMPORARY WETLAND DISTURBANCE
3. PLACEMENT OF SOIL SURCHARGE EMBANKMENT AND SETTLEMENT PERIOD.
4. REMOVAL OF SOIL SURCHARGE EMBANKMENT.
5. RESTORATION OF TEMPORARY WETLAND DISTURBANCE.

A1 / EX-01 — PLAN - DRAINAGE CHANNEL REROUTING
SCALE: 1" = 50'



D3 / EX-01 — SECTION - TYPICAL EXISTING DRAINAGE DITCH FILL
SCALE: N.T.S.



C3 / EX-01 — SECTION - TYPICAL NEW DRAINAGE DITCH
SCALE: N.T.S.

50' 0' 50' 100'
SCALE: 1"=50'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
PARCEL C2 EARTHWORK DETAILED DESIGN
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - PARCEL C2 DRAINAGE CHANNEL REROUTING

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

Designed by:	HR
Drawn by:	HR
Checked by:	PGV
Reviewed by:	LC
Submitted by:	FERNANDO GONZALEZ CHANA MOFFATT & NICHOL
Date:	2024-05-07
M&N Project No.	11102-42
Drawing code:	
Drawing Scale: Plot scale:	1:1 (D SHEET)
Rev.	----

SEAL

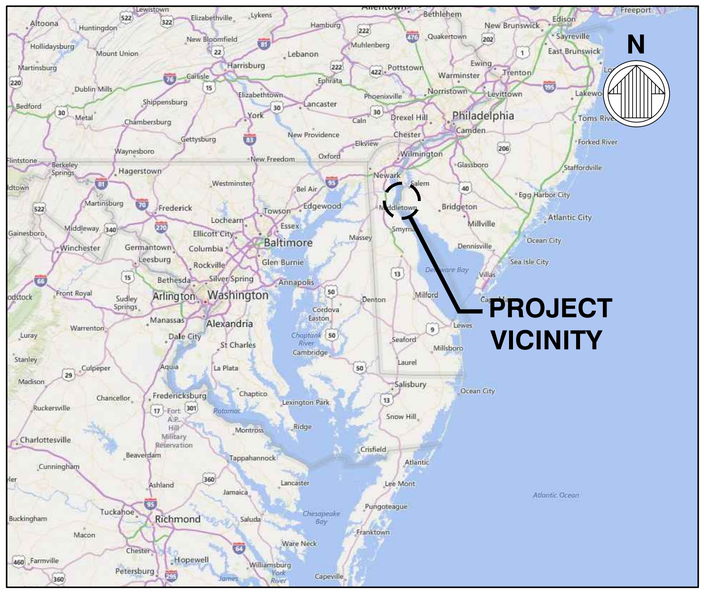
Sheet Reference No.
EX-01
INDEX: 1 OF 1

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

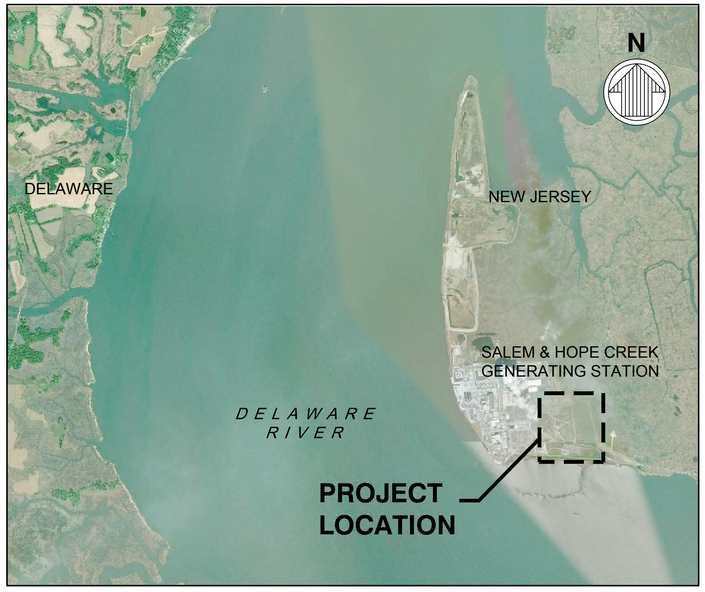
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NEW JERSEY WIND PORT
PARCEL E CDF

LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NEW JERSEY



VICINITY MAP
NTS



LOCATION MAP
NTS

ISSUED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
PARCEL E - ENGINEERING DESIGN OF CDF
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

COVER SHEET WITH VICINITY AND LOCATION MAPS

Date: 2024-04-08
Rev.: -
M&N Project No.: 11102-37
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)

Designed by: PWK
Cad by: PGV
Dwn by: HR
Reviewed by: LC / FGC
Submitted by: F GONZALEZ CHANA
MOFFATT & NICHOL

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

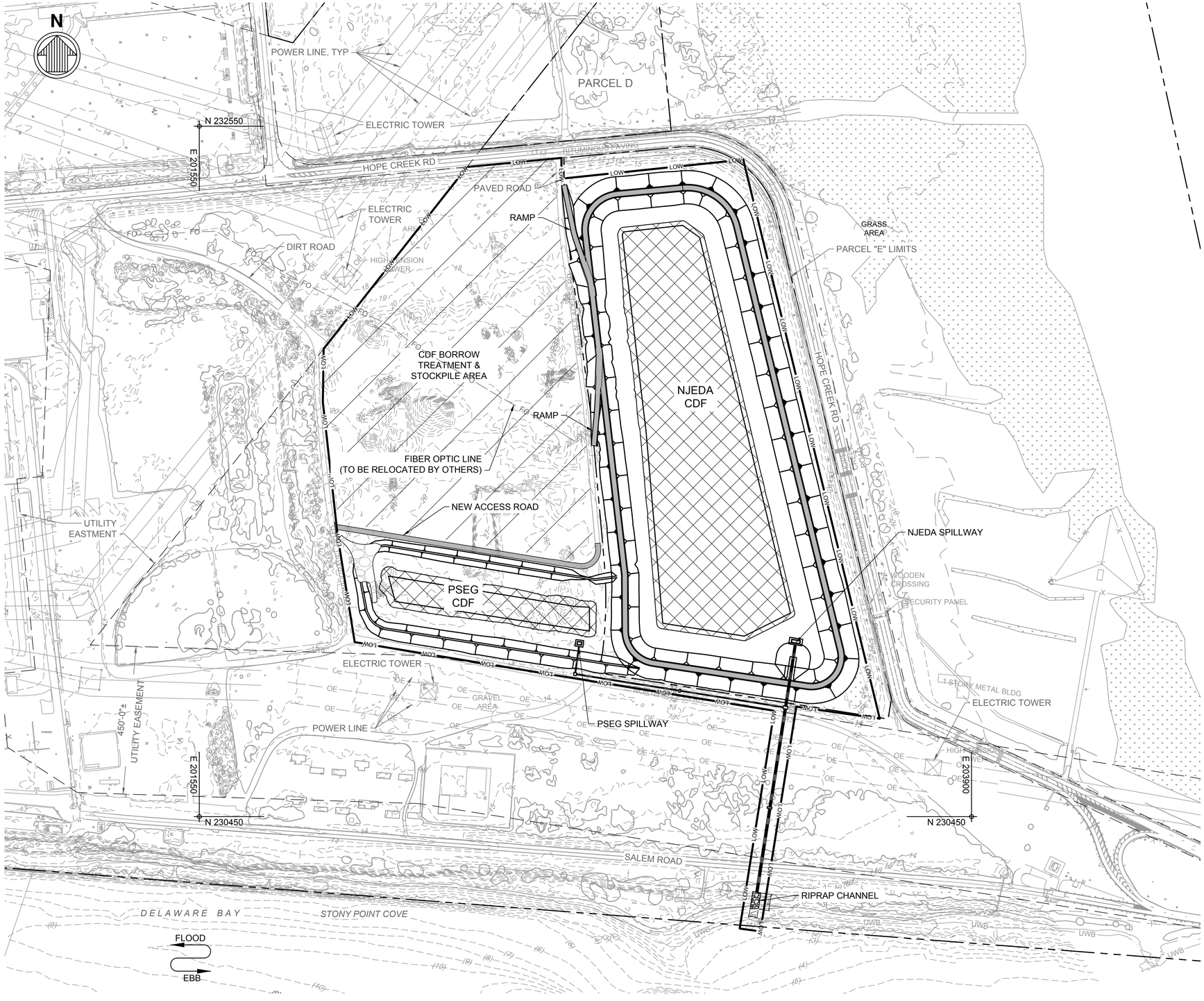
NEW JERSEY WIND PORT
NJEDA

SEAL

Sheet Reference No.
G-001
INDEX: 1 OF 50

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



A1
G-101

PLAN - GENERAL ARRANGEMENT AND LIMIT OF WORK

SCALE: 1" = 160'

NOTES

1. FOR GENERAL NOTES AND SEQUENCE OF CONSTRUCTION, SEE SHEET G-002.
2. FOR LEGEND AND ABBREVIATIONS, SEE SHEET G-003.

LEGEND

- EXIST WETLAND
- EXIST VEGETATION
- PROPERTY LINE
- LOW — LIMIT OF WORK
- BORROW AREA
- ACCESS ROAD
- CDF BORROW TREATMENT AREA

160' 0' 160' 320'

SCALE: 1"=160'

ISSUED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
PARCEL E - ENGINEERING DESIGN OF CDF
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - GENERAL ARRANGEMENT AND LIMIT OF WORK

moffatt & nichol
180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330

NEW JERSEY WIND PORT

NJEDA

Designed by:	PWK
Drawn by:	HR
Checked by:	PGV
Reviewed by:	LC
Submitted by:	F GONZALEZ CHANA MOFFATT & NICHOL
Date:	2024-04-08
M&N Project No.	11102-37
Drawing code:	
Drawing Scale:	
Plot scale:	1:1 (D SHEET)
Rev.	-

SEAL

Sheet Reference No.

G-101

INDEX: 4 OF 50

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



NOTES

1. FOR GENERAL NOTES AND SEQUENCE OF CONSTRUCTION, SEE SHEET G-002.
2. FOR LEGEND AND ABBREVIATIONS, SEE SHEET G-003.

LEGEND

- EXIST WETLAND
- EXIST VEGETATION
- PROPERTY LINE

160' 0' 160' 320'

SCALE: 1"=160'

A1 / G-102 PLAN - PARCEL 'E' - EXISTING WETLAND
SCALE: 1" = 160'

ISSUED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
PARCEL E - ENGINEERING DESIGN OF CDF
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - PARCEL 'E' - EXISTING WETLAND

moffatt & nichol
180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330

NEW JERSEY WIND PORT
NJEDA

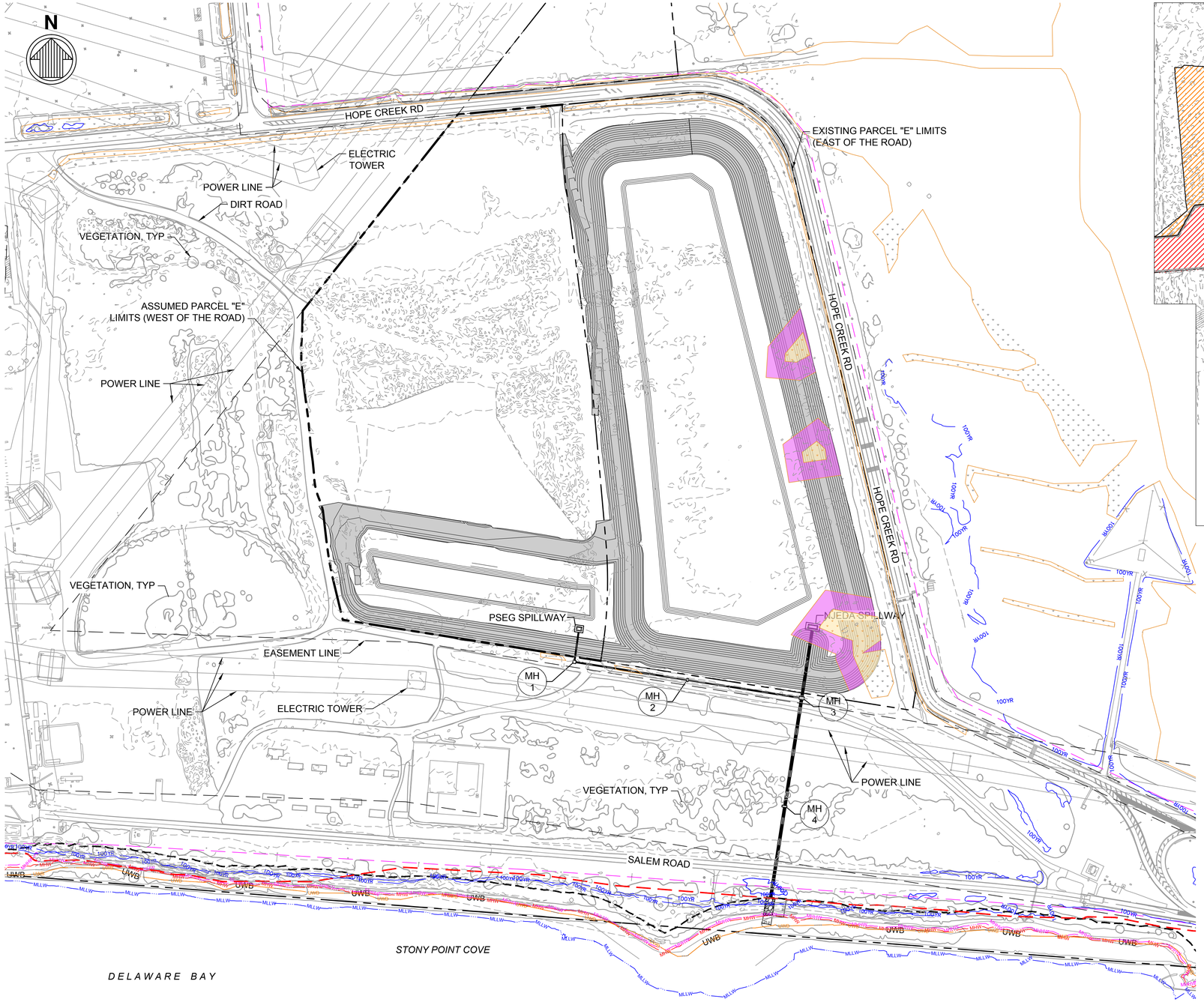
Designed by:	PWK
Drawn by:	HR
Checked by:	PGV
Reviewed by:	LC
Submitted by:	F. GONZALEZ CHANA MOFFATT & NICHOL
Date:	2024-04-08
M&N Project No.	11102-37
Drawing code:	
Drawing Scale:	
Plot scale:	1:1 (0 SHEET)
Rev.	-

SEAL

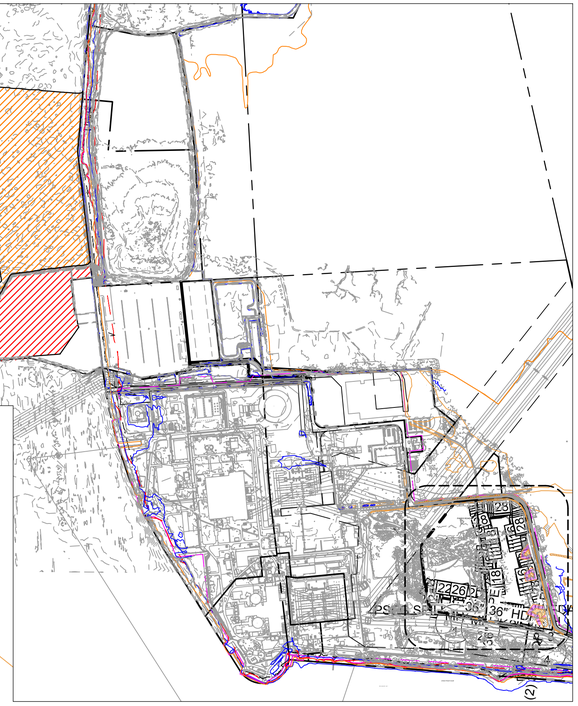
Sheet Reference No.
G-102
INDEX: 5 OF 50

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



A1 EX-005 PLAN - PARCEL 'E' - ENVIRONMENTAL IMPACTS
1" = 160'



D5 EX-005 KEY PLAN - ENVIRONMENTAL IMPACT
SCALE: 1" = 1000'

NOTES:

1. NJDEP MAPPED COASTAL WETLANDS BOUNDARY IS REPRESENTED BY THE NJDEP'S UWB/UWL GIS LAYER. NJDEP COASTAL WETLAND MAPS 224-1752, 224-1758, 231-1752, 231-1758 AND 237-1752 HAVE BEEN UPDATED TO COINCIDE WITH THE UWB/UWL GIS BOUNDARY VIA PETITION APPROVED SEPTEMBER 7, 2021.
2. NJDEP FRESHWATER WETLAND LETTER OF INTERPRETATION/LINE VERIFICATION FILE NO. 1704-02-0001.4, FWW090001, DATED APRIL 21, 2010. EXTENSION FILE NO. 1704-02-0001.4 FWW140001 REF FILE NO. FWW090001, DATED FEBRUARY 13, 2015. FIELD VERIFIED BY AKRF PERSONNEL MAY 2020.
3. THE FHA ELEVATION IS +9.0' PER THE FEMA MAP. THE FLOOD HAZARD AREA VERIFICATION IS BASED ON FEMA TIDAL METHOD 2 AND FLOOD INSURANCE RATE MAO (FIRM) NUMBERS 34033C0256C, 34033C0257C, 34033C0258C AND 34033C0259C PUBLISHED BY FEMA AND MADE EFFECTIVE ON JUNE 16, 2016.

PROPOSED IMPACT AREAS	
REGULATED AREA	PROPOSED IMPACTS
FRESHWATER WETLAND IMPACT (PERMANENT)	0.514 ACRES
FRESHWATER WETLAND INTERMEDIATE TRANSITION AREA IMPACT (PERMANENT)	1.297 ACRES

LEGEND

- EXISTING WETLAND
- FRESH WATER WETLAND IMPACT
- FRESH WATER WETLAND INTERMEDIATE TRANSITION AREA IMPACT
- CAFRA NODE
- UPPER WETLAND BOUNDARY
- MEAN HIGH WATER (TOP OF BANK)
- MEAN HIGHER HIGH WATER
- MEAN LOWER LOW WATER
- 100 YEAR FLOOD LINE
- RIPARIAN ZONE BOUNDARY
- LIMIT OF EXISTING SSA
- EXISTING VEGETATION

160' 0' 160' 320'
SCALE: 1"=160'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
PARCEL E- ENGINEERING DESIGN OF CDF
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - PARCEL 'E' - ENVIRONMENTAL IMPACTS

Rev: -
Date: 2024-05-07
M&N Project No. 11102-33
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Designed by: PWK
Drawn by: HR
Cad by: PGV
Reviewed by: LC
Submitted by: F.GONZALEZ CHANA MOFFATT & NICHOL

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

NEW JERSEY WIND PORT
NJEDA

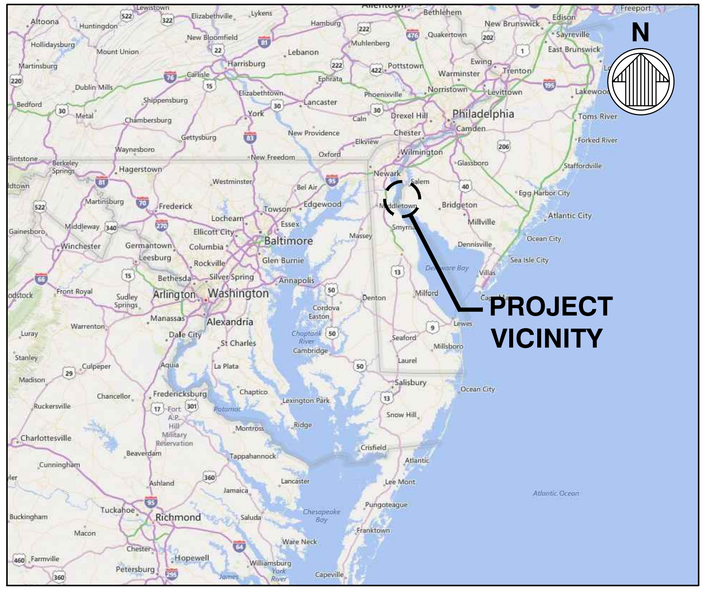
SEAL

Sheet Reference No.
EX-005
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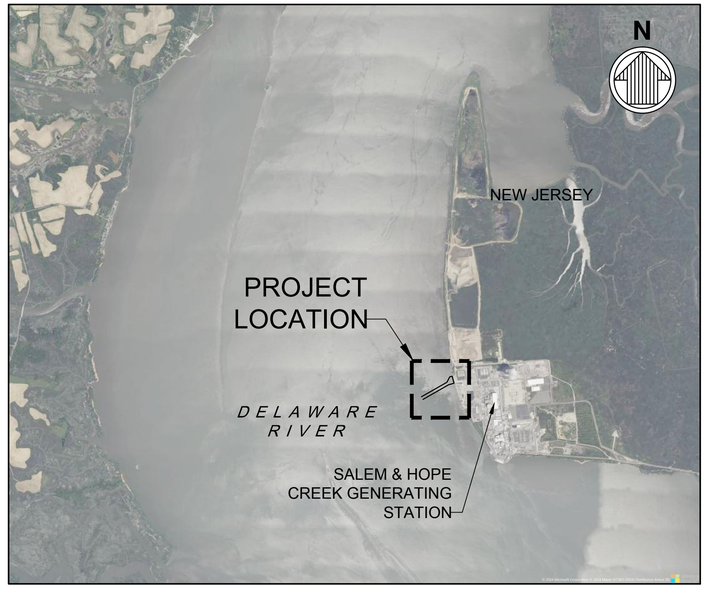
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NEW JERSEY WIND PORT
TUG BERTH - PERMIT DESIGN

LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NEW JERSEY



VICINITY MAP
NTS



LOCATION MAP
NTS

PERMITTING PACKAGE
ISSUED: 2024-05-06
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
TUG BERTH - PERMIT DESIGN
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

COVER SHEET

Designed by: JO	Cad by: LC	Reviewed by: CHH	Submitted by: MOFFATT & NICHOL
Drawn by: CC			

Date: 2024-05-06
M&N Project No. 11102-52
Drawing scale:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Rev.

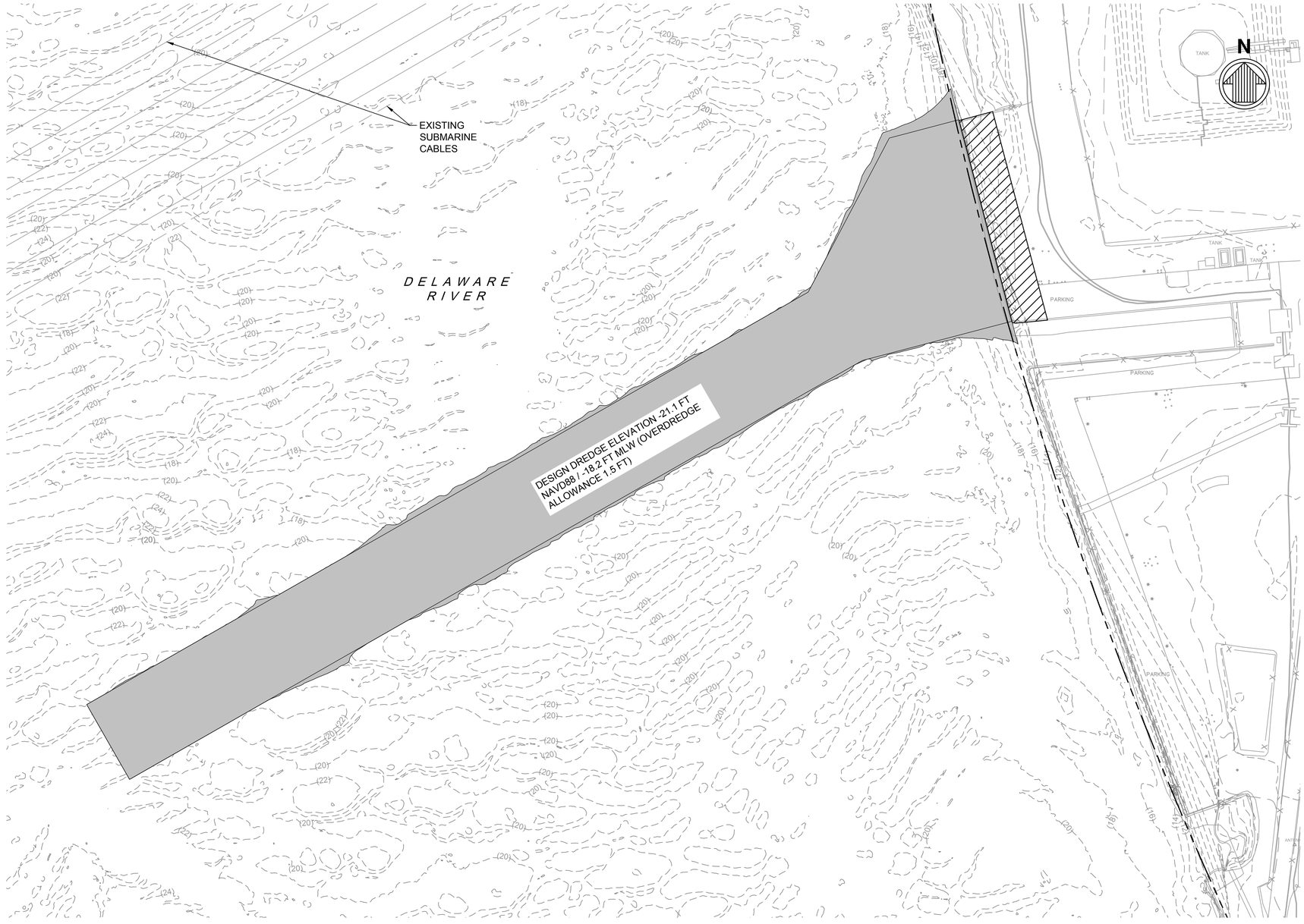
180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7300
moffatt & nichol

NEW JERSEY WIND PORT
NJ EDA

Sheet
Reference No.
G-001
INDEX: 1 OF 18

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



NOTE:

SEE SHEET S-101 FOR DEMOLITION AND STRUCTURAL PROPOSED WORK PLANS.

LEGEND

- TUG BERTH AREA TO BE REPAIRED
- AREA TO BE DREDGED

B1 / G-101 PLAN - GENERAL ARRANGEMENT
SCALE: 1" = 80'

80' 0' 80' 160'
SCALE: 1"=80'

PERMITTING PACKAGE
ISSUED: 2024-05-06
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
TUG BERTH - PERMIT DESIGN
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - GENERAL ARRANGEMENT

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

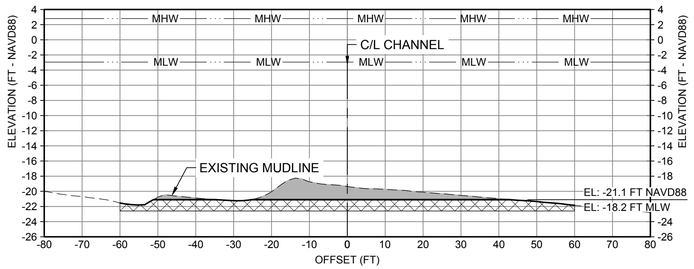
NEW JERSEY WIND PORT
NJEDA

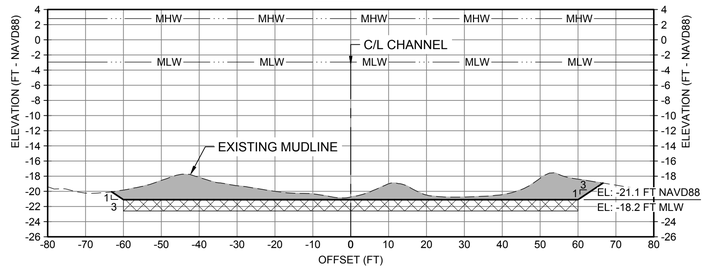
Rev.	
Date:	2024-05-06
Designed by:	JO
Dwn by:	CC
Ckd by:	LC
Reviewed by:	CHH
Submitted by:	MOFFATT & NICHOL
M&N Project No.	11102-52
Drawing code:	
Drawing Scale:	
Plot scale:	1:1 (D SHEET)

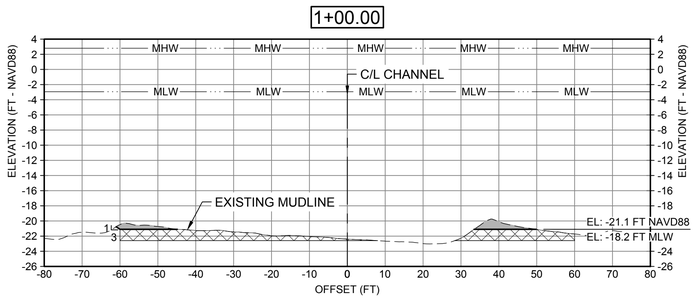
Sheet Reference No.
G-101
INDEX: 3 OF 18

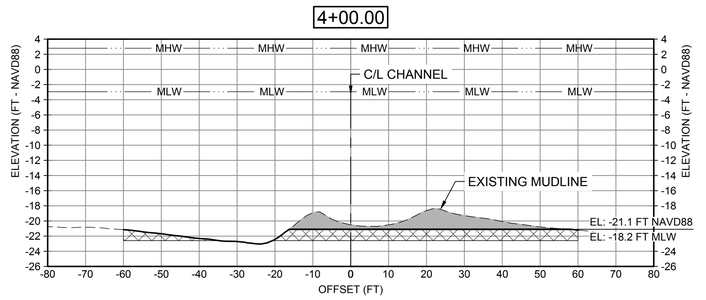
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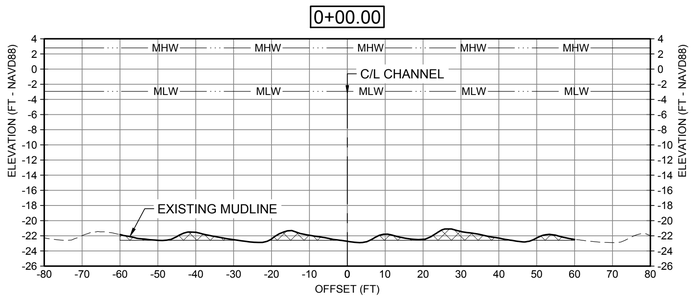
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

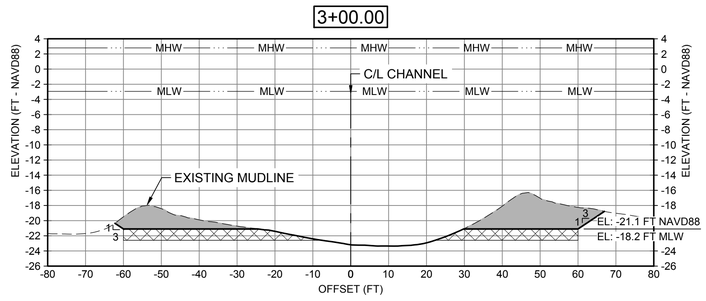












LEGEND

- AREA TO BE DREDGED
- MAX ALLOWANCE OVERDREDGE 1.5 FT
- EXISTING MUDLINE
- PROPOSED DREDGING CHANNEL

A1 / D-301 — SECTION - DREDGING (1 OF 3)
SCALE: HORIZ 1" = 20' VERT 1"=10'

10' 0' 10' 20'
SCALE: 1"=10'

20' 0' 20' 40'
SCALE: 1"=20'

PERMITTING PACKAGE
ISSUED: 2024-05-06
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
TUG BERTH - PERMIT DESIGN
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

SECTION - DREDGING (1 OF 3)

Rev:
Date: 2024-05-06
M&N Project No. 11102-52
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Designed by: JAO
Drawn by: CC
Cad by: LC
Reviewed by: JAO
Submitted by: MOFFATT & NICHOL

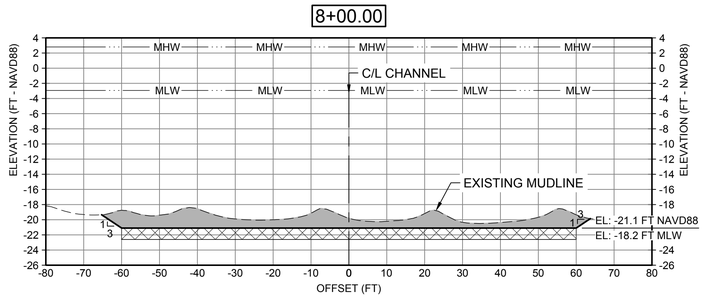
moffatt & nichol
180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330

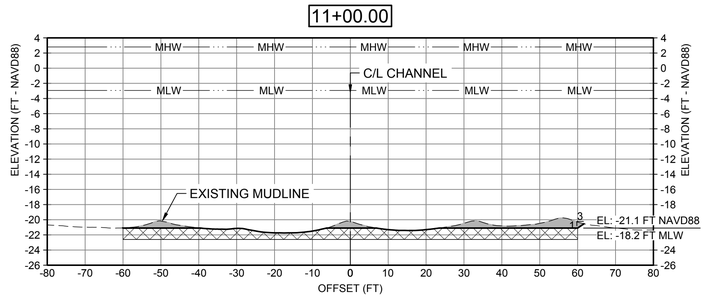
NEW JERSEY WIND PORT
NJEDA

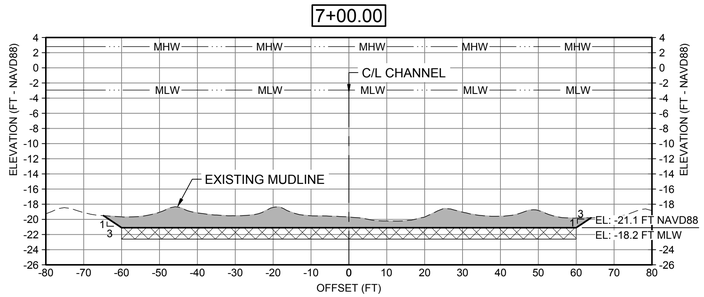
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D-301
INDEX: 5 OF 18

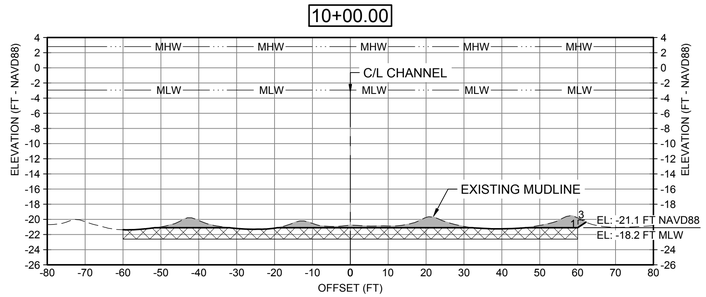
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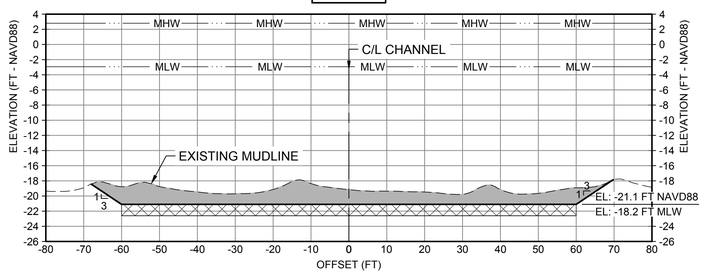
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

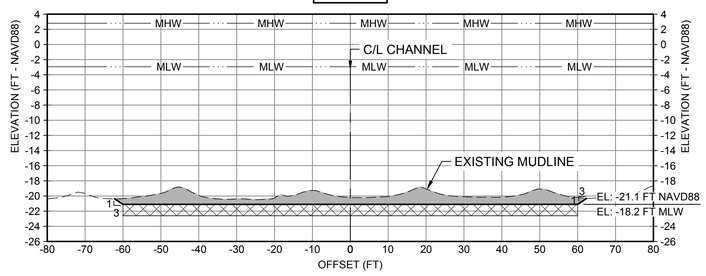












LEGEND

- AREA TO BE DREDGED
- MAX ALLOWANCE OVERDREDGE 1.5 FT
- EXISTING MUDLINE
- PROPOSED DREDGING CHANNEL

A1
D-302

SECTION - DREDGING (2 OF 3)

SCALE: HORIZ 1" = 20' VERT 1"=10'

10' 0' 10' 20'

SCALE: 1"=10'

20' 0' 20' 40'

SCALE: 1"=20'

PERMITTING PACKAGE
ISSUED: 2024-05-06
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
TUG BERTH - PERMIT DESIGN
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

SECTION - DREDGING (2 OF 3)

Date: 2024-05-06
Rev.
M&N Project No. 11102-52
Drawing scale:
Designed by: JAO
Cad by: LC
Dwn by: CC
Reviewed by: JAO
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Submitted by: MOFFATT & NICHOL

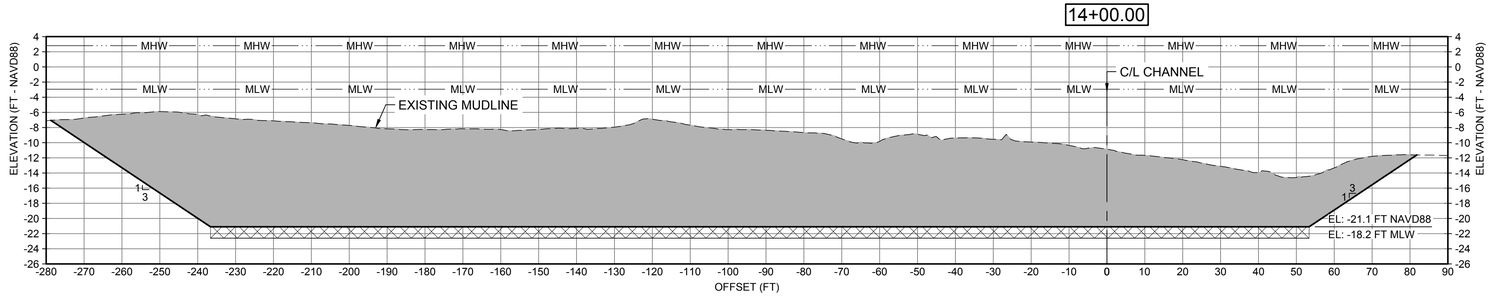
180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

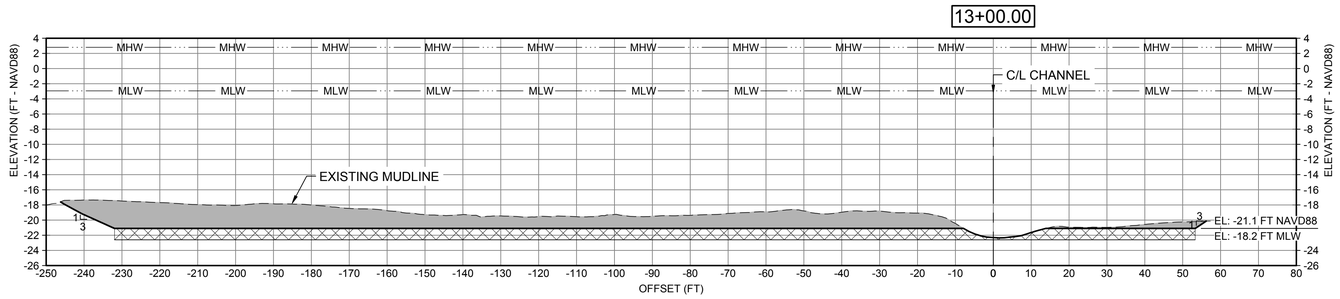
NEW JERSEY WIND PORT
NJEDA

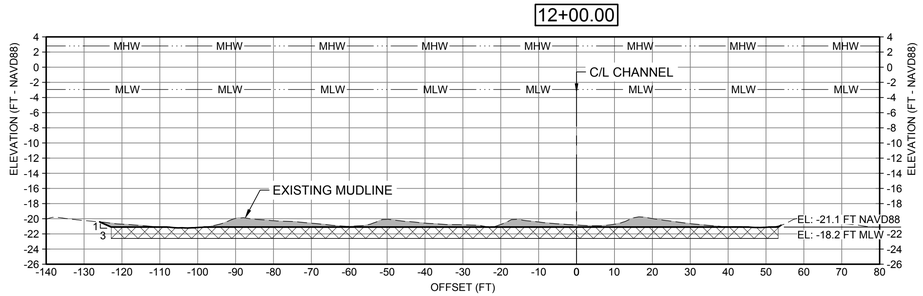
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D-302
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING







LEGEND

- AREA TO BE DREDGED
- MAX ALLOWANCE OVERDREDGE 1.5 FT
- EXISTING MUDLINE
- PROPOSED DREDGING CHANNEL

A1 / D-303 — SECTION - DREDGING (3 OF 3)
SCALE: HORIZ 1" = 20' VERT 1"=10'

10' 0' 10' 20'
SCALE: 1"=10'

20' 0' 20' 40'
SCALE: 1"=20'

PERMITTING PACKAGE
ISSUED: 2024-05-06
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
TUG BERTH - PERMIT DESIGN
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

SECTION - DREDGING (3 OF 3)

Date: 2024-05-06
Rev.
M&N Project No. 11102-52
Drawing scale:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Designed by: JAO
Cad by: LC
Dwn by: CC
Reviewed by: JAO
Submitted by:
MOFFATT & NICHOL

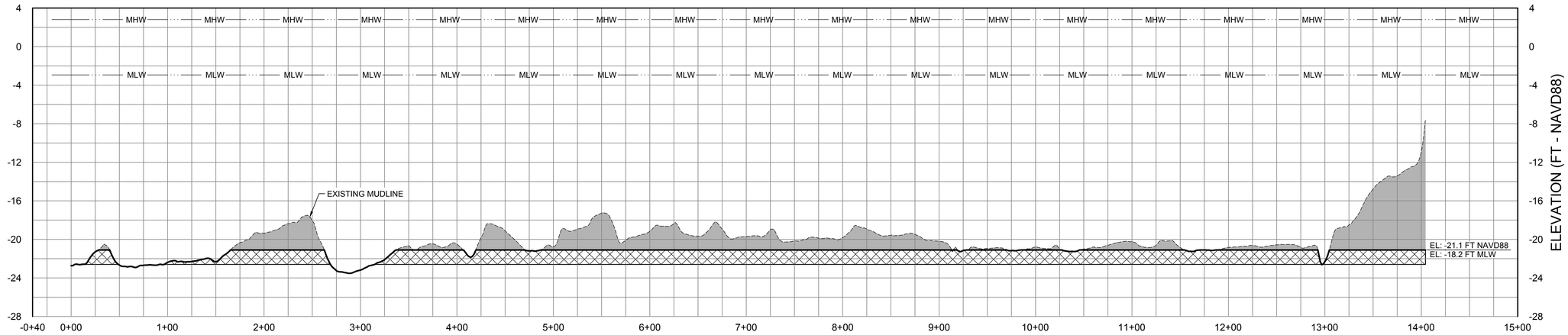
180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

NEW JERSEY WIND PORT
NJ EDA

Sheet Reference No.
D-303
INDEX: 7 OF 18

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



D1 / D-304 **PROFILE - DREDGING**
SCALE: HORIZ 1" = 60' VERT 1"=6'

LEGEND

- AREA TO BE DREDGED
- MAX ALLOWANCE OVERDREDGE 1.5 FT
- EXISTING MUDLINE
- PROPOSED DREDGING CHANNEL

6' 0' 6' 12'
SCALE: 1"=6'

60' 0' 60' 120'
SCALE: 1"=60'

PERMITTING PACKAGE
ISSUED: 2024-05-06
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
TUG BERTH - PERMIT DESIGN
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PROFILE - DREDGING

Designed by: JAO	Date: 2024-05-06	Rev.	
Dwn by: CC	Ckd by: LC	M&N Project No. 11102.52	
Reviewed by: JAO		Drawing code:	
Submitted by: MOFFATT & NICHOL		Drawing Scale: Plot scale: 1:1 (D SHEET)	

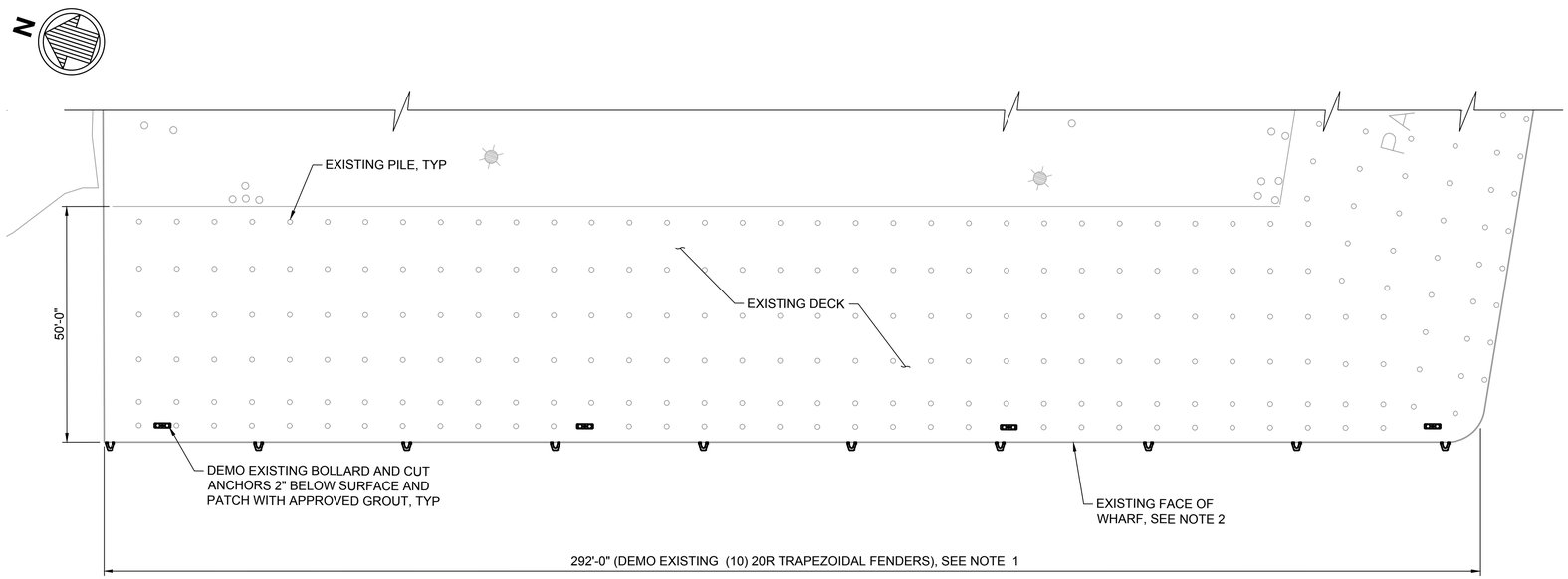
180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-399-7330
moffatt & nichol

NEW JERSEY WIND PORT
NJEDA

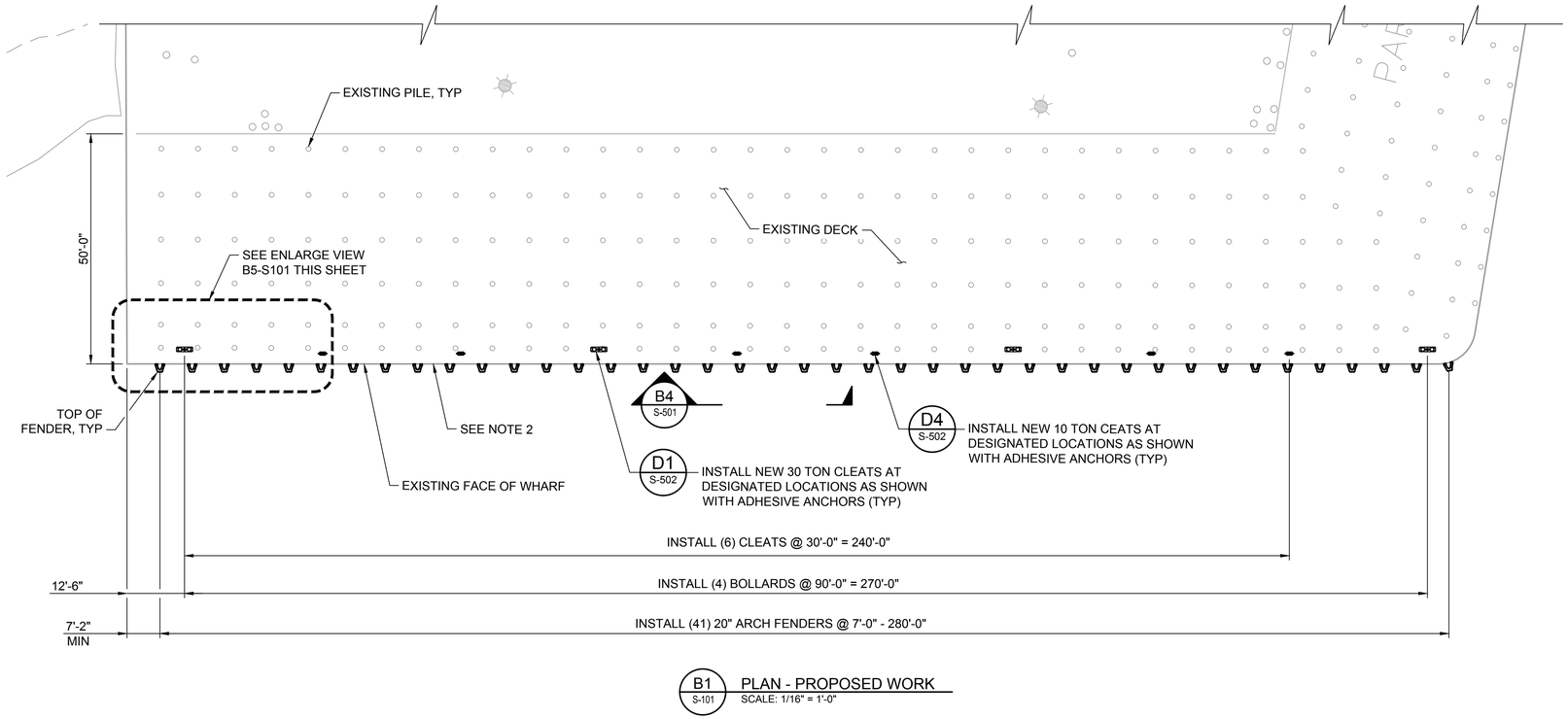
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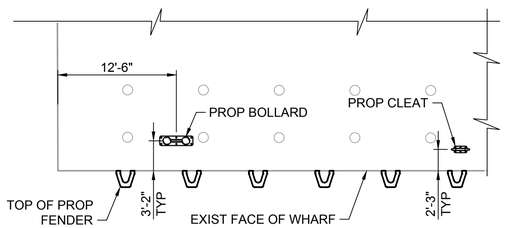
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



D1 S-101 PLAN - DEMOLITION
SCALE: 1/16" = 1'-0"



B1 S-101 PLAN - PROPOSED WORK
SCALE: 1/16" = 1'-0"



B5 S-101 DETAIL - WHARF CORNER
SCALE: 1/8" = 1'-0"

1. NOTES:

1. LOCATION OF EXISTING FENDERS IS SHOWN FOR INFORMATION ONLY, ACTUAL QUANTITY MAY VARY. CONTRACTOR TO FIELD VERIFY. DEMO EXISTING FENDERS AND CUT MOUNTED BOLTS 2" BELOW SURFACE AND PATCH WITH APPROVED GROUT.
2. PRESSURE WASH SURFACE TO REMOVE MARINE GROWTH BEFORE INSTALLATION OF NEW FENDERS.
3. SEE REFERENCE DRAWING SHEET R-104 AND 105 FOR PLANS AND SECTIONS OF THE EXISTING DOCK STRUCTURE.
4. REPAIR EXISTING CONCRETE, SEE SHEETS S-503, R-101, AND R-102.
5. REPAIR EXISTING STEEL SHEET PILE WALL, SEE SHEETS S-503 AND R-103.
6. REMOVE EXISTING BACKING BEAM AND RAILING THAT ARE CURRENTLY LOCATED NEAR THE FASCIA. RELOCATE EXISTING PIPING FURTHER INSHORE, TO A LOCATION TO BE DETERMINED.

8'-0" 0'-0" 4'-0" 8'-0"
SCALE: 3/16"=1'-0"

16' 0' 16' 32'
SCALE: 1"=16'

PERMITTING PACKAGE
ISSUED: 2024-05-06
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
TUG BERTH - PERMIT DESIGN
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - DEMOLITION AND NEW CONSTRUCTION

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

NEW JERSEY WIND PORT
NJEDA

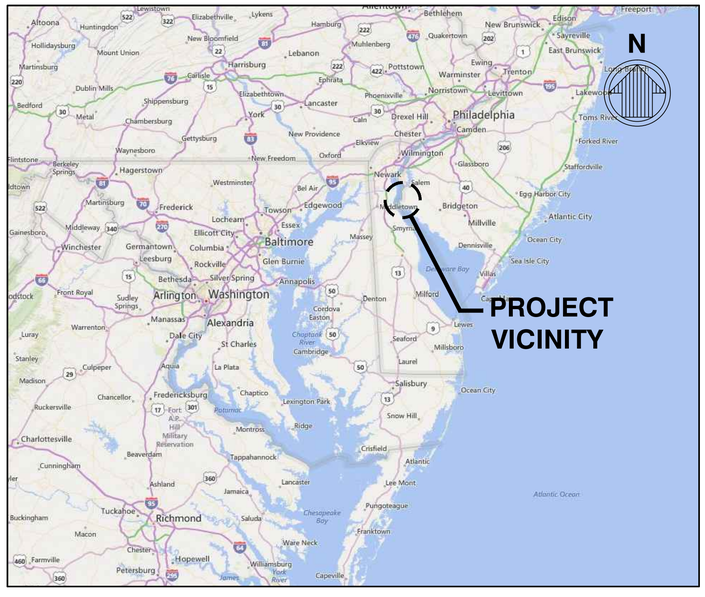
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Submitted by: MOFFATT & NICHOL	Drawing Scale: Plot scale: 1:1 (0 SHEET)	Drawing code:	Date: 2024-05-06
M&N Project No. 11102-52	Rev:		

Sheet Reference No.
S-101
INDEX: 10 OF 18

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

NEW JERSEY WIND PORT
TEMPORARY LOGISTICS PIER
CONCEPTUAL PLAN
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NEW JERSEY



VICINITY MAP
NTS

INDEX OF DRAWINGS	
SHEET NO.	SHEET TITLE
G-001	COVER SHEET, LIST OF DRAWINGS
G-002	GENERAL INFORMATION
G-101	GENERAL PLAN
C-101	SITE PLAN - TEMPORARY LOGISTICS PIER - DESIGN OPTION A
C-102	SITE PLAN - TEMPORARY LOGISTICS PIER - DESIGN OPTION B
C-201	PROFILE - TEMPORARY LOGISTICS PIER - DESIGN OPTION A
C-202	PROFILE - TEMPORARY LOGISTICS PIER - DESIGN OPTION B
C-203	ELEVATION - TEMPORARY LOGISTICS PIER - DESIGN OPTION A
C-204	ELEVATION - TEMPORARY LOGISTICS PIER - DESIGN OPTION B
C-501	ORTHO - TEMPORARY LOGISTICS PIER - DESIGN OPTION A
C-502	ORTHO - TEMPORARY LOGISTICS PIER - DESIGN OPTION B
C-503	RENDERING - TEMPORARY LOGISTICS PIER - DESIGN OPTION A
C-504	RENDERING - TEMPORARY LOGISTICS PIER - DESIGN OPTION B



LOCATION MAP
NTS

NOT TO BE ISSUED FOR CONSTRUCTION

NJ EDA ECONOMIC DEVELOPMENT AUTHORITY

Mark	Description	Date	Appr

NEW JERSEY WIND PORT TEMPORARY LOGISTICS PIER

COVER SHEET, LIST OF DRAWINGS

Rev.	Date: 2024-05-01	Project No.	Drawing No.	Drawing Scale: AS SHOWN
	Designed by: RDJB	Drawn by: MP / Chd by: RDJB	Reviewed by: RDJB	Submitted by: JOHN BENIGNO JR, PE

NEW JERSEY ECONOMIC DEVELOPMENT AUTHORITY
36 WEST STATE STREET,
TRENTON NJ 08625

NEW JERSEY WIND PORT

NJ EDA

STATE OF NEW JERSEY
JOHN BENIGNO JR
No. GE54844
LICENSED PROFESSIONAL ENGINEER
SEAL

Sheet Reference No.
G-001
INDEX: 1 OF 13



Notes

1. GENERAL PLAN SHOWN INDICATES PROPOSED PARCEL DEVELOPMENT STRATEGY CAPTURED IN SITE WIDE PERMIT DESIGN.
2. TEMPORARY LOGISTICS PIER SHOWN SHALL BE UTILIZED TO SUPPORT THE CONSTRUCTION OF PHASE 2 WHARVES.
3. TWO DESIGN OPTIONS ARE PRESENTED IN THIS DRAWING PACKAGE. THE CONTRACTOR SHALL SELECT A DESIGN OPTION AND PRESENT TO THE OWNER JUSTIFICATION FOR THEIR APPROACH.
4. APPROXIMATE DREDGE FOOTPRINT LIMITS SHOWN.

LEGEND

- PARCEL A
- PARCEL B1
- PARCEL B2
- PARCEL C
- PARCEL G
- SOUTHERN HEAVY HAUL ROAD
- HEAVY HAUL ROAD EXTENSION
- DREDGE FOOTPRINT

400' 0' 400' 800'

SCALE: 1"=400'

1 / G-101 GENERAL PLAN - LOGISTICS PIER
SCALE: 1" = 400'

NOT TO BE ISSUED FOR CONSTRUCTION

NJ EDA ECONOMIC DEVELOPMENT AUTHORITY

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
TEMPORARY LOGISTICS PIER

GENERAL PLAN

NEW JERSEY ECONOMIC DEVELOPMENT AUTHORITY
36 WEST STATE STREET,
TRENTON NJ 08625

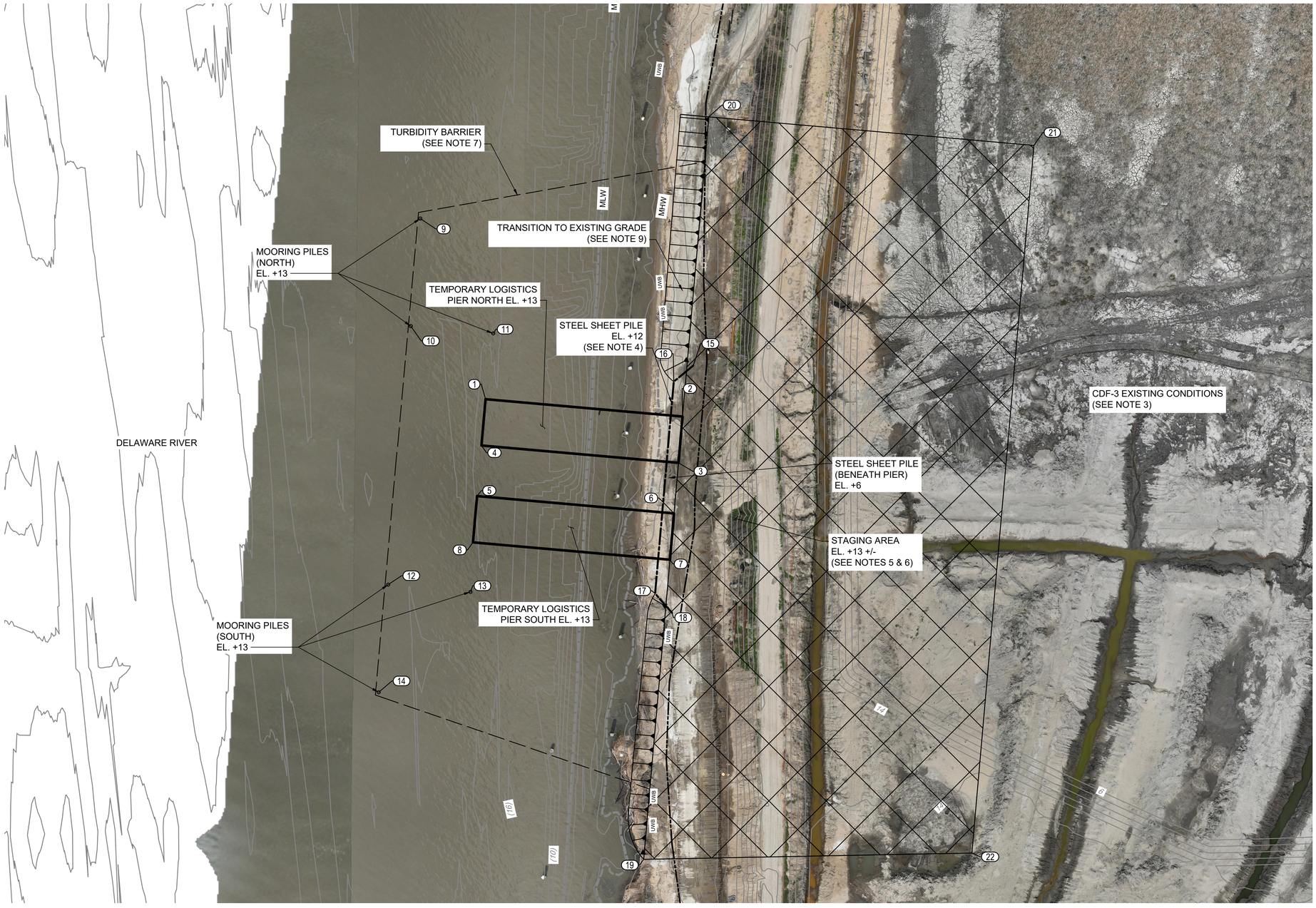
Designed by: RDJB
Drwn by: MP
Cad by: RDJB
Reviewed by: RDJB
Submitted by: JOHN BENIGNO JR, PE
Date: 2024-05-01
Project No.
Drawing No.
Drawing Scale: AS SHOWN
Rev.

NEW JERSEY WIND PORT

STATE OF NEW JERSEY · JOHN BENIGNO JR. · No. GE54844 · LICENSED PROFESSIONAL ENGINEER

SEAL

Sheet Reference No.
G-101
INDEX: 3 OF 13



LOGISTIC PIER COORDINATES

POINT NUMBER	NORTHING	EASTING
1	237482.2	197338.8
2	237466.2	197521.1
3	237466.2	197521.1
4	237439.4	197335.1
5	237392.7	197330.9
6	237376.5	197513.2
7	237333.7	197509.4
8	237349.7	197327.2

MOORING PILE COORDINATES

POINT NUMBER	NORTHING	EASTING
9	237649.3	197278.4
10	237549.7	197269.7
11	237543.0	197346.0
12	237310.6	197248.7
13	237303.9	197324.9
14	237211.0	197239.9

SHEET PILE & STAGING AREA COORDINATES

POINT NUMBER	NORTHING	EASTING
15	237513.3	197530.9
16	237498.4	197513.0
17	237302.4	197495.7
18	237284.6	197511.4
19	237056.5	197485.1
20	237743.4	197545.4
21	237717.0	197846.2
22	237062.3	197788.8

LEGEND

- STAGING AREA
- LOGISTICS PIER
- SHEET PILE
- MHW — MEAN HIGH WATER
- MLW — MEAN LOW WATER
- TURBIDITY BARRIER
- UWB — UPPER WETLANDS BOUNDARY

1 / C-101 SITE PLAN - TEMPORARY LOGISTICS PIER - DESIGN OPTION A
SCALE: 1:50

50 0' 50' 100'
SCALE: 1"=50'

Notes

1. PERMANENT PARCEL DEVELOPMENTS NOT SHOWN FOR CLARITY.
2. SEE COORDINATE TABLES ON THIS SHEET FOR LOCATION OF TEMPORARY LOGISTIC PIER FEATURES.
3. AERIAL IMAGERY SHOWN REFLECTS EXISTING CDF-3 CONDITIONS AS OF APRIL 10, 2024. IMAGERY COURTESY OF DRONE DEPLOY.
4. STEEL SHEET PILE DESIGN IS ASSUMED AS CANTILEVERED FOR CONCEPTUAL LEVEL DESIGN. DETERMINATION FOR NEED OF A TIE BACK SYSTEM WILL BE EVALUATED DURING DETAILED DESIGN. 245 LF FEET OF NZ-19 OR EQUIVALENT STEEL SHEET PILE ASSUMED.
5. TEMPORARY LOGISTICS PIER STAGING AREA SHALL BE PREPARED WITH A MINIMUM 24" RCA (RECYCLED CONCRETE AGGREGATE) STABILIZING COURSE.
6. STAGING AREA SURFACE SHALL BE GRADED TO CONVEY STORM WATER FLOW AWAY (NORTH AND WEST) FROM ACTIVE CONSTRUCTION ONGOING TO THE SOUTH OF THE PIER. STAGING AREA SURFACE GRADE TO BE DETERMINED DURING DETAILED DESIGN. SITE GRADING OF AREA SURROUNDING STAGING AREA WILL BE COMPLETED AS A PART OF THE OVERALL SITE EARTHWORK STRATEGY.
7. FLOATING TURBIDITY BARRIER LAYOUT SHOWN IS FOR CONCEPTUAL PURPOSES. FINAL LAYOUT WILL BE DETERMINED IN DETAILED DESIGN. A SILTDAM TYPE III IMPERMEABLE BARRIER OR EQUIVALENT SHALL BE UTILIZED.
8. ALL ELEVATIONS SHOWN ARE IN REFERENCE TO NAVD88.
9. TRANSITION TO EXISTING GRADE SHALL BE A MINIMUM OF A 2:1 SLOPE
10. A TOTAL OF 6 MOORING PILE LOCATIONS HAVE BEEN SHOWN ON THE PLAN. CONTRACTORS MAY CHOOSE DIFFERENT PILE LOCATIONS.

NOT TO BE ISSUED FOR CONSTRUCTION

NJ EDA ECONOMIC DEVELOPMENT AUTHORITY

Rev.	Description	Date	Appr

NEW JERSEY WIND PORT
TEMPORARY LOGISTICS PIER

SITE PLAN - TEMPORARY LOGISTICS PIER - DESIGN OPTION A

Date: 2024-05-01
Project No.
Drawing No.
Drawing Scale: AS SHOWN
Designed by: RDJ/JB
Dwn by: MP
Cad by: RDJ/JB
Reviewed by: RDJ/JB
Submitted by: JOHN BENIGNO JR, PE

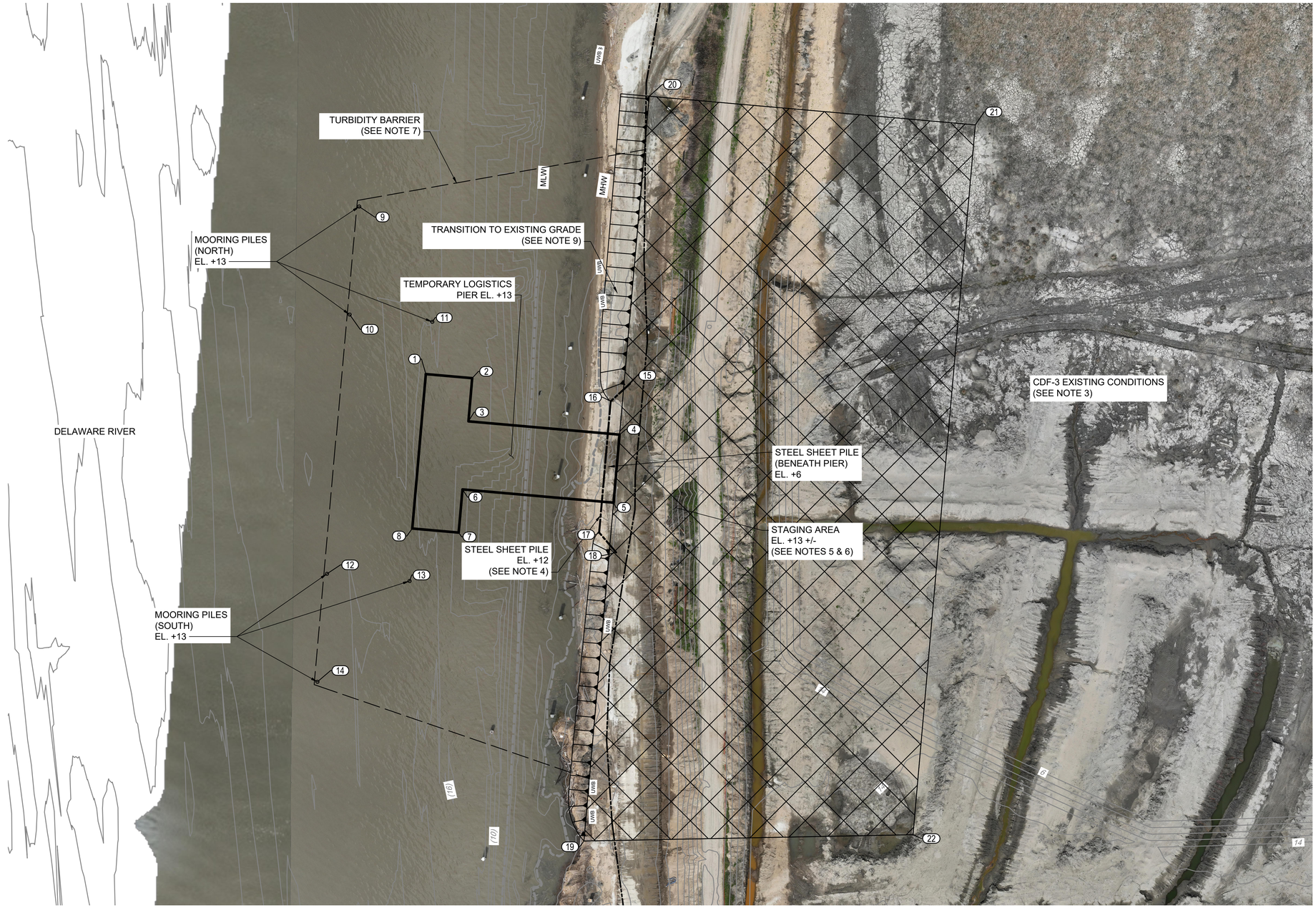
NEW JERSEY ECONOMIC DEVELOPMENT AUTHORITY
36 WEST STATE STREET,
TRENTON NJ 08625

NEW JERSEY WIND PORT

STATE OF NEW JERSEY
JOHN BENIGNO JR
No. GE54844
LICENSED PROFESSIONAL ENGINEER
SEAL

Sheet Reference No.
C-101
INDEX: 4 OF 13

3.0922



LOGISTIC PIER COORDINATES

POINT NUMBER	NORTHING	EASTING
1	237487.1	197339.2
2	237483.4	197382.0
3	237483.4	197382.0
4	237431.3	197518.0
5	237368.5	197512.5
6	237380.8	197373.1
7	237340.9	197369.5
8	237344.7	197326.7

MOORING PILE COORDINATES

POINT NUMBER	NORTHING	EASTING
9	237641.6	197277.7
10	237542.0	197269.0
11	237535.3	197345.3
12	237302.9	197248.0
13	237296.2	197324.2
14	237203.3	197239.2

SHEET PILE & STAGING AREA COORDINATES

POINT NUMBER	NORTHING	EASTING
15	237478.3	197527.7
16	237462.0	197509.8
17	237341.0	197499.2
18	237322.6	197514.9
19	237056.5	197485.1
20	237743.4	197545.4
21	237717.0	197846.2
22	237062.3	197788.8

LEGEND

- STAGING AREA
- LOGISTICS PIER
- SHEET PILE
- MHW — MEAN HIGH WATER
- MLW — MEAN LOW WATER
- TURBIDITY BARRIER
- UWB — UPPER WETLANDS BOUNDARY

50 0' 50' 100'

SCALE: 1"=50'

NOT TO BE ISSUED FOR CONSTRUCTION

Notes

1. PERMANENT PARCEL DEVELOPMENTS NOT SHOWN FOR CLARITY.
2. SEE COORDINATE TABLES ON THIS SHEET FOR LOCATION OF TEMPORARY LOGISTIC PIER FEATURES.
3. AERIAL IMAGERY SHOWN REFLECTS EXISTING CDF-3 CONDITIONS AS OF APRIL 10, 2024. IMAGERY COURTESY OF DRONE DEPLOY.
4. STEEL SHEET PILE DESIGN IS ASSUMED AS CANTILEVERED FOR CONCEPTUAL LEVEL DESIGN. DETERMINATION FOR NEED OF A TIE BACK SYSTEM WILL BE EVALUATED DURING DETAILED DESIGN. 245 LF FEET OF NZ19 STEEL SHEET PILE ASSUMED.
5. TEMPORARY LOGISTICS PIER STAGING AREA SHALL BE PREPARED WITH A MINIMUM 24" RCA (RECYCLED CONCRETE AGGREGATE) STABILIZING COURSE.
6. STAGING AREA SURFACE SHALL BE GRADED TO CONVEY STORM WATER FLOW AWAY (NORTH AND WEST) FROM ACTIVE CONSTRUCTION ONGOING TO THE SOUTH OF THE PIER. STAGING AREA SURFACE GRADE TO BE DETERMINED DURING DETAILED DESIGN. SITE GRADING OF AREA SURROUNDING STAGING AREA WILL BE COMPLETED AS A PART OF THE OVERALL SITE EARTHWORK STRATEGY.
7. FLOATING TURBIDITY BARRIER LAYOUT SHOWN IS FOR CONCEPTUAL PURPOSES. FINAL LAYOUT WILL BE DETERMINED IN DETAILED DESIGN. A SILTDAM TYPE III IMPERMEABLE BARRIER OR EQUIVALENT SHALL BE UTILIZED.
8. ALL ELEVATIONS SHOWN ARE IN REFERENCE TO NAVD88.
9. TRANSITION TO EXISTING GRADE SHALL BE A MINIMUM OF A 2:1 SLOPE

1 / C-102 SITE PLAN - TEMPORARY LOGISTICS PIER - DESIGN OPTION B
SCALE: 1:50

NJ EDA ECONOMIC DEVELOPMENT AUTHORITY

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
TEMPORARY LOGISTICS PIER

SITE PLAN - TEMPORARY LOGISTICS PIER - DESIGN OPTION B

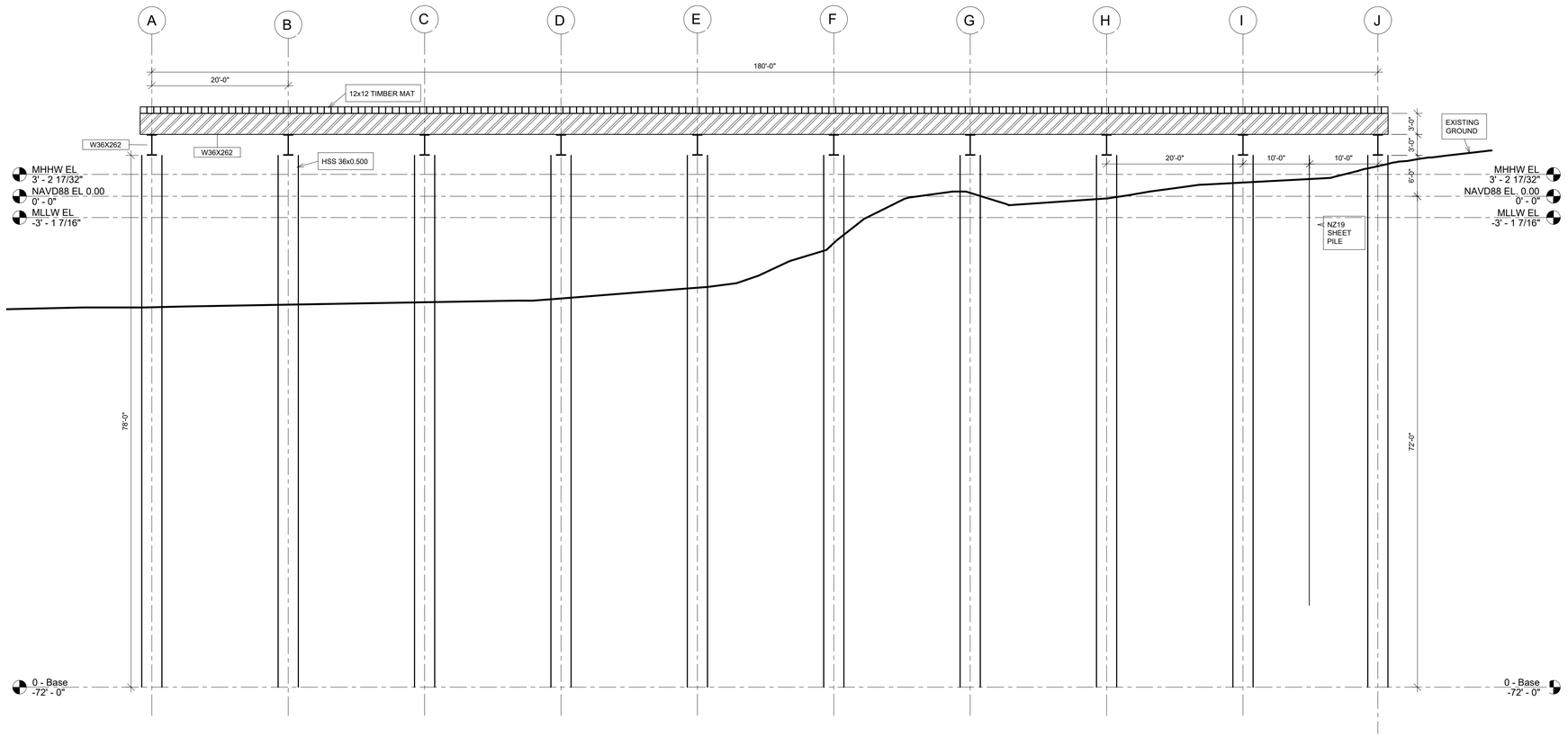
Date: 2024-05-01 DATE | Rev. REV/NO
Designed by: RDJB DSGN | Project No.
Drwn by: MP DRFT | Ckd by: RDJB CHKR | Drawing No.
Reviewed by: RDJB REVR | Drawing Scale: AS SHOWN
Submitted by: JOHN BENIGNO JR. PE

NEW JERSEY ECONOMIC DEVELOPMENT AUTHORITY
36 WEST STATE STREET,
TRENTON NJ 08625

NEW JERSEY WIND PORT

STATE OF NEW JERSEY
JOHN BENIGNO JR
No. GE54844
LICENSED
PROFESSIONAL ENGINEER
SEAL

Sheet Reference No.
C-102
INDEX: 5 OF 13



1 C-201 PROFILE - TEMPORARY LOGISTICS PIER - DESIGN OPTION A
SCALE: 1" = 10'

LEGEND

W36x262 BEAM

Notes

1. STRUCTURAL MEMBERS, STEEL PIPE PILE PIER SUPPORTS, AND STEEL PIPE MOORING PILES SHOWN ARE FOR CONCEPTUAL PURPOSES ONLY. FINAL DETERMINATION OF DESIGN CRITERIA FOR THESE ELEMENTS SHALL BE COMPLETED DURING DETAILED DESIGN.
2. PILE EMBEDMENT DEPTHS SHOWN HAVE BEEN DETERMINED THROUGH A CONCEPTUAL ENGINEERING ANALYSIS. FINAL DETERMINATION OF PILE LENGTHS SHALL BE COMPLETED DURING DETAILED DESIGN.
3. STRUCTURAL MEMBER CONNECTION AND TIMBER MAT FASTENING DETAILS SHALL BE DETERMINED DURING DETAILED DESIGN.
4. ADDITIONAL INFORMATION REQUIRED FOR MOORING SUCH AS CLEATS, TIE LINE LOCATIONS, BARGE CONFIGURATION, ETC. SHALL BE DETERMINED DURING DETAILED DESIGN.

10' 0' 10' 20'
SCALE: 1"=10'

NOT TO BE ISSUED FOR CONSTRUCTION

NJ EDA
ECONOMIC DEVELOPMENT AUTHORITY

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
TEMPORARY LOGISTICS PIER

PROFILE - TEMPORARY LOGISTICS PIER - DESIGN OPTION A

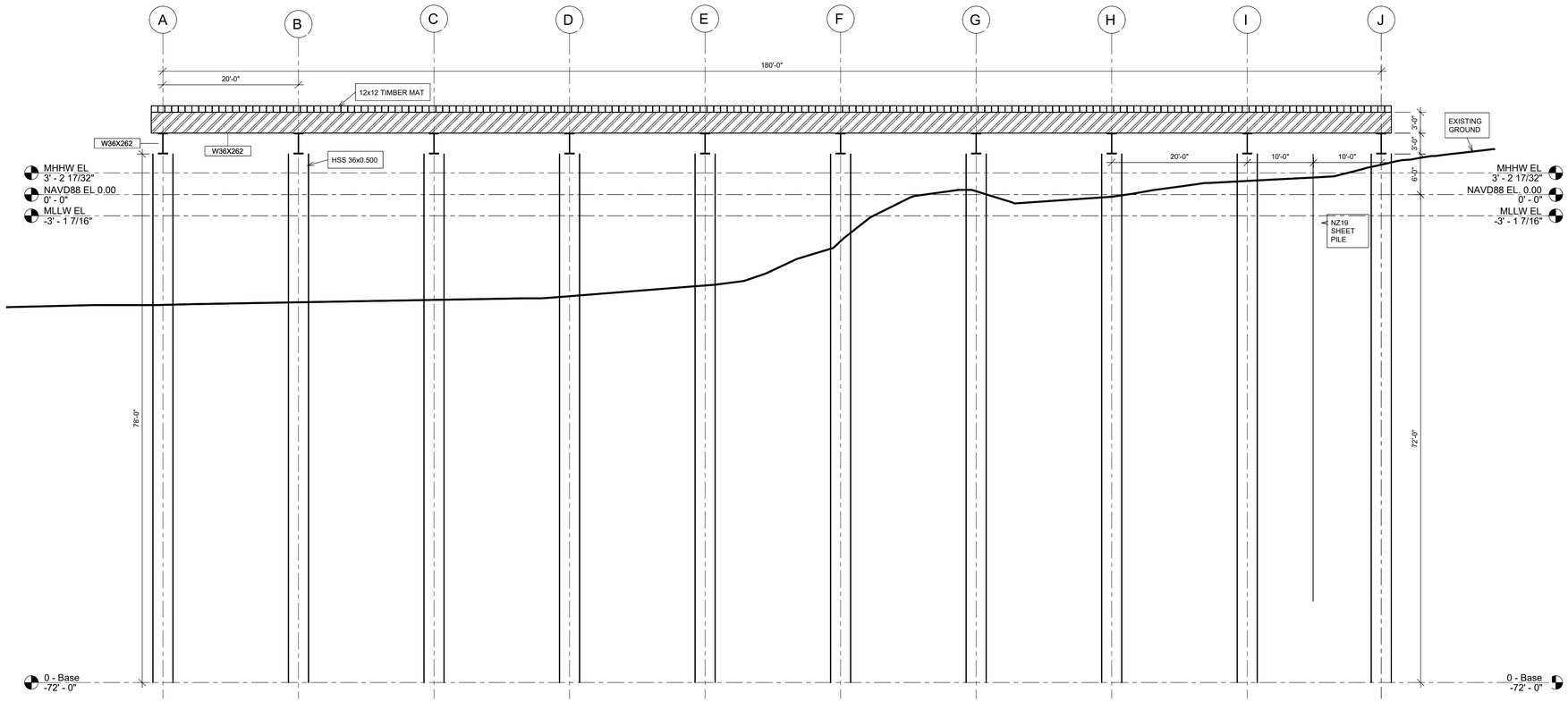
Designed by: RDJB
Drawn by: MP
Checked by: RDJB
Reviewed by: RDJB
Submitted by: JOHN BENIGNO JR, PE
Date: 2024-05-01
Project No.
Drawing No.
Drawing Scale: AS SHOWN
Rev.

NEW JERSEY ECONOMIC DEVELOPMENT AUTHORITY
36 WEST STATE STREET,
TRENTON NJ 08625

NEW JERSEY WIND PORT
NJ EDA

STATE OF NEW JERSEY
JOHN BENIGNO JR
No. GE54844
LICENSED PROFESSIONAL ENGINEER
SEAL

Sheet Reference No.
C-201
INDEX: 6 OF 13



1 C-502 PROFILE - TEMPORARY LOGISTICS PIER - DESIGN OPTION B
SCALE: 1" = 10'

LEGEND

W36x262 BEAM

Notes

1. STRUCTURAL MEMBERS, STEEL PIPE PILE PIER SUPPORTS, AND STEEL PIPE MOORING PILES SHOWN ARE FOR CONCEPTUAL PURPOSES ONLY. FINAL DETERMINATION OF DESIGN CRITERIA FOR THESE ELEMENTS SHALL BE COMPLETED DURING DETAILED DESIGN.
2. PILE EMBEDMENT DEPTHS SHOWN HAVE BEEN DETERMINED THROUGH A CONCEPTUAL ENGINEERING ANALYSIS. FINAL DETERMINATION OF PILE LENGTHS SHALL BE COMPLETED DURING DETAILED DESIGN.
3. STRUCTURAL MEMBER CONNECTION AND TIMBER MAT FASTENING DETAILS SHALL BE DETERMINED DURING DETAILED DESIGN.
4. ADDITIONAL INFORMATION REQUIRED FOR MOORING SUCH AS CLEATS, TIE LINE LOCATIONS, BARGE CONFIGURATION, ETC. SHALL BE DETERMINED DURING DETAILED DESIGN.

10' 0' 10' 20'
SCALE: 1"=10'

NOT TO BE ISSUED FOR CONSTRUCTION

NJ EDA
ECONOMIC DEVELOPMENT AUTHORITY

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
TEMPORARY LOGISTICS PIER

PROFILE - TEMPORARY LOGISTICS PIER - DESIGN OPTION B

Designed by: RDJB DSGN	Dwn by: MP DRFT	Chkd by: RDJB CHKR	Rev: REVNO
Reviewed by: RDJB REVR		Project No.	Date: 2024-05-01 DATE
Submitted by: JOHN BENIGNO JR, PE		Drawing No.	Drawing Scale: AS SHOWN

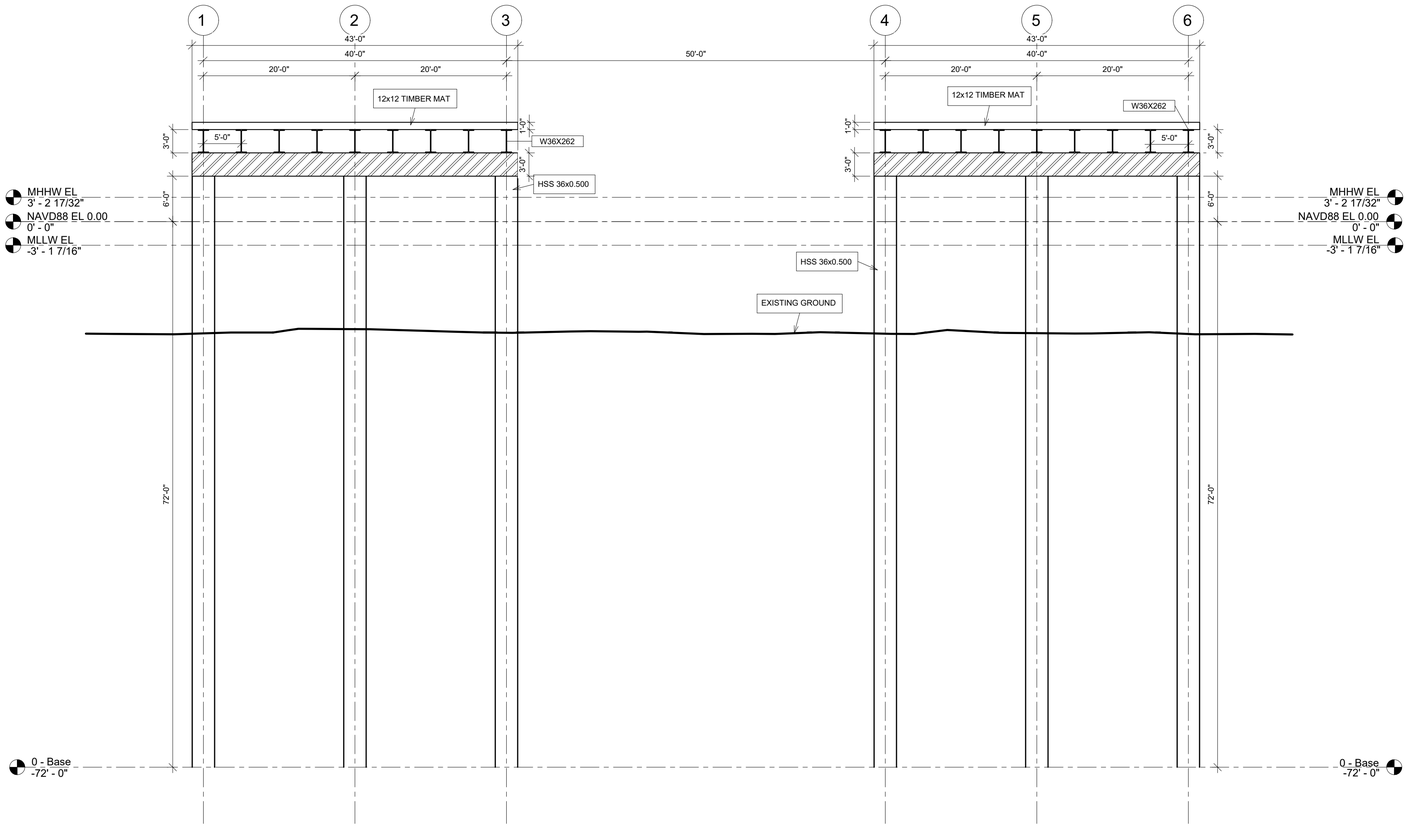
NEW JERSEY ECONOMIC DEVELOPMENT AUTHORITY
36 WEST STATE STREET,
TRENTON NJ 08625

NEW JERSEY WIND PORT

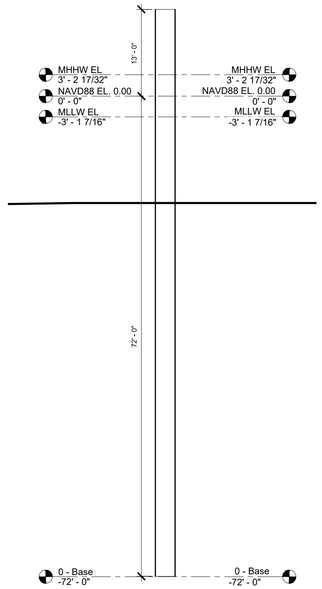
NJ EDA

STATE OF NEW JERSEY
JOHN BENIGNO JR.
No. GE54844
PROFESSIONAL ENGINEER
SEAL

Sheet Reference No.
C-202
INDEX: 7 OF 13



1 C-204 ELEVATION - TEMPORARY LOGISTICS PIER
SCALE: 1"=10'



2 C-204 ELEVATION - TYPICAL MOORING PILE
SCALE: 1" = 10'

LEGEND

W36x262 BEAM

Notes

1. STRUCTURAL MEMBERS, STEEL PIPE PILE PIER SUPPORTS, AND STEEL PIPE MOORING PILES SHOWN ARE FOR CONCEPTUAL PURPOSES ONLY. FINAL DETERMINATION OF DESIGN CRITERIA FOR THESE ELEMENTS SHALL BE COMPLETED DURING DETAILED DESIGN.
2. PILE EMBEDMENT DEPTHS SHOWN HAVE BEEN DETERMINED THROUGH A CONCEPTUAL ENGINEERING ANALYSIS. FINAL DETERMINATION OF PILE LENGTHS SHALL BE COMPLETED DURING DETAILED DESIGN.
3. STRUCTURAL MEMBER CONNECTION AND TIMBER MAT FASTENING DETAILS SHALL BE DETERMINED DURING DETAILED DESIGN.
4. ADDITIONAL INFORMATION REQUIRED FOR MOORING SUCH AS CLEATS, TIE LINE LOCATIONS, BARGE CONFIGURATION, ETC. SHALL BE DETERMINED DURING DETAILED DESIGN.

10' 0' 10' 20'
SCALE: 1"=10'

NOT TO BE ISSUED FOR CONSTRUCTION

NJ EDA
ECONOMIC DEVELOPMENT AUTHORITY

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
TEMPORARY LOGISTICS PIER

ELEVATION - TEMPORARY LOGISTICS PIER - DESIGN OPTION A

Designed by: RDJB DSGN	Det'd by: RDJB CHKR	Date: 2024-05-01 DATE	Rev. REVNO
Dwn by: MP DRFT	Reviewed by: RDJB REVR	Project No.	
	Submitted by: JOHN BENIGNO JR. PE	Drawing No.	
		Drawing Scale: As SHOWN	

NEW JERSEY ECONOMIC DEVELOPMENT AUTHORITY
36 WEST STATE STREET,
TRENTON NJ 08625

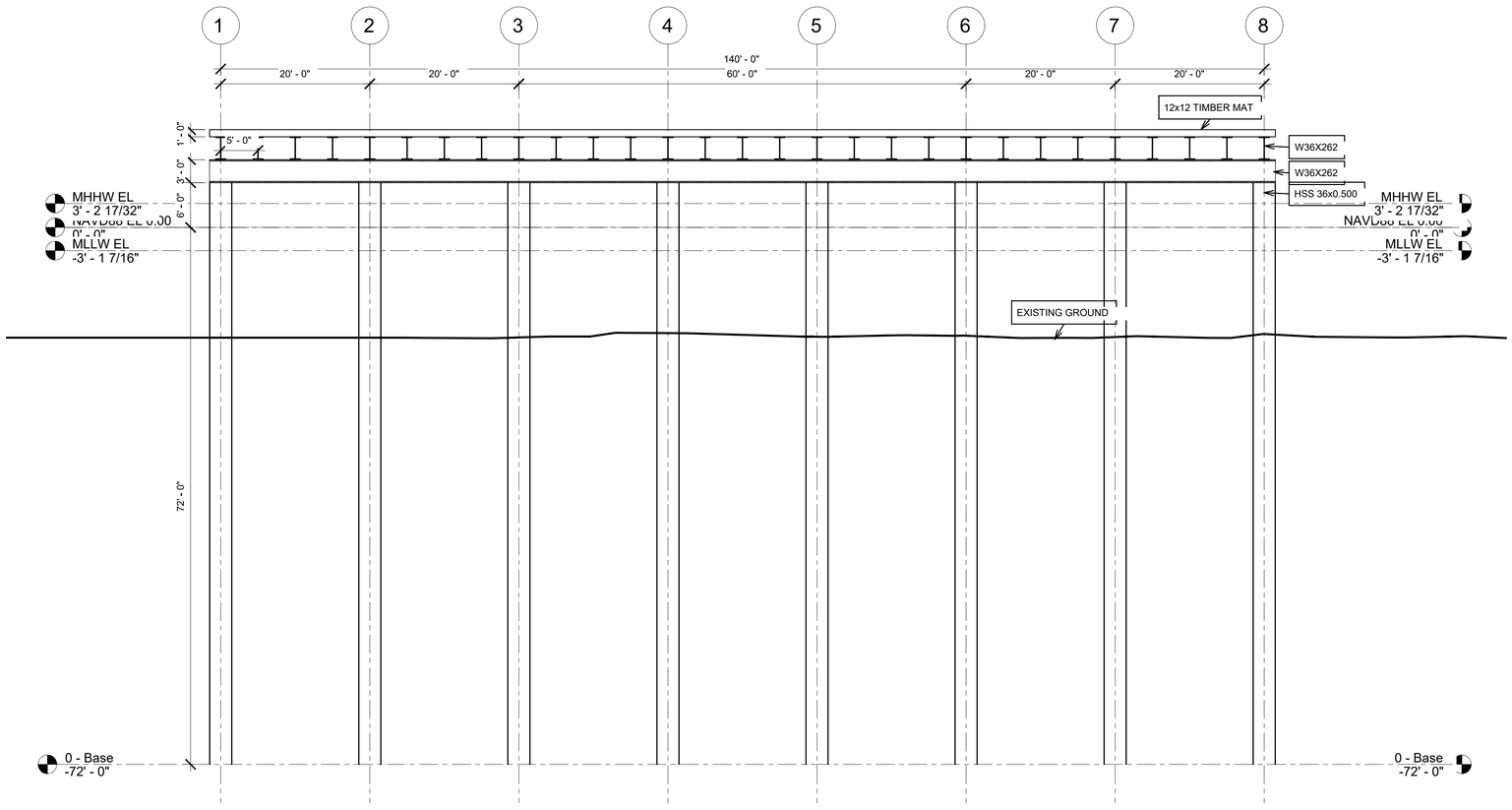
NEW JERSEY WIND PORT

NJ EDA

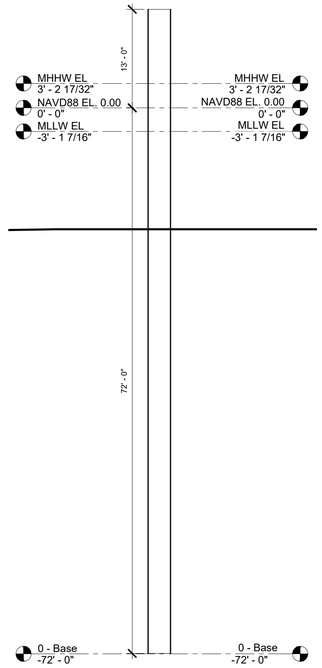
STATE OF NEW JERSEY
JOHN BENIGNO JR.
No. GE54844
LICENSED
PROFESSIONAL ENGINEER

SEAL

Sheet Reference No.
C-203
INDEX: 8 OF 13



1 C-204 ELEVATION - TEMPORARY LOGISTICS PIER - DESIGN OPTION B
SCALE: 1"=10'



2 C-204 MOORING PIER ELEV
SCALE: 1"=10"

LEGEND

W36x262 BEAM

Notes

1. STRUCTURAL MEMBERS, STEEL PIPE PILE PIER SUPPORTS, AND STEEL PIPE MOORING PILES SHOWN ARE FOR CONCEPTUAL PURPOSES ONLY. FINAL DETERMINATION OF DESIGN CRITERIA FOR THESE ELEMENTS SHALL BE COMPLETED DURING DETAILED DESIGN.
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3. STRUCTURAL MEMBER CONNECTION AND TIMBER MAT FASTENING DETAILS SHALL BE DETERMINED DURING DETAILED DESIGN.
4. ADDITIONAL INFORMATION REQUIRED FOR MOORING SUCH AS CLEATS, TIE LINE LOCATIONS, BARGE CONFIGURATION, ETC. SHALL BE DETERMINED DURING DETAILED DESIGN.

10' 0' 10' 20'
SCALE: 1"=10'

NOT TO BE ISSUED FOR CONSTRUCTION

NJ EDA
ECONOMIC DEVELOPMENT AUTHORITY

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
TEMPORARY LOGISTICS PIER

ELEVATION -
TEMPORARY LOGISTICS
PIER - DESIGN OPTION B

Designed by: RDJB
Drawn by: MP
Ckd by: RDJB
Reviewed by: RDJB
Submitted by: JOHN BENIGNO JR, PE
Date: 2024-05-01
Project No.
Drawing No.
Drawing Scale: AS SHOWN
Rev.

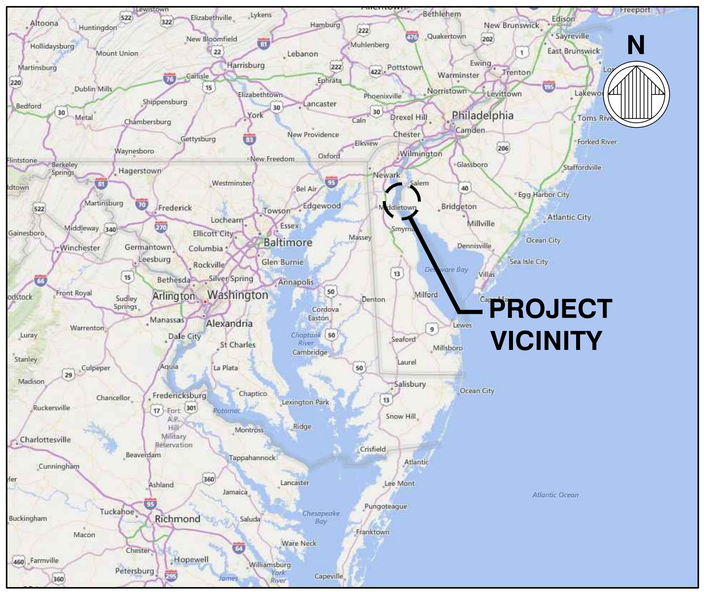
NEW JERSEY ECONOMIC
DEVELOPMENT AUTHORITY
36 WEST STATE STREET,
TRENTON NJ 08625

NEW JERSEY WIND PORT
NJ EDA

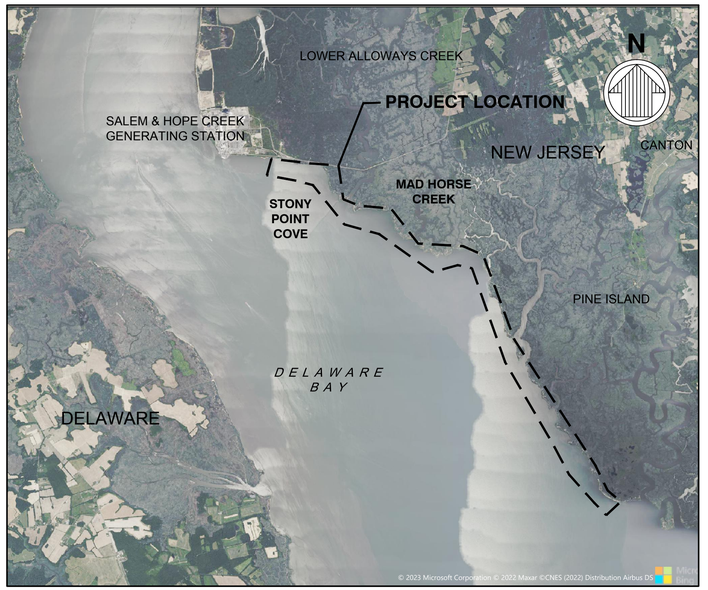
STATE OF NEW JERSEY
JOHN BENIGNO JR
No. GE54844
LICENSED PROFESSIONAL ENGINEER
SEAL

Sheet
Reference No.
C-204
INDEX: 9 OF 13

NEW JERSEY WIND PORT
ENGINEERING DESIGN OF BENEFICIAL USE OF DREDGED MATERIAL
PERMITTING PACKAGE
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NEW JERSEY



VICINITY MAP
NTS



LOCATION MAP
NTS

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING DESIGN OF BENEFICIAL USE OF DREDGED MATERIAL
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

COVER SHEET WITH VICINITY AND LOCATION MAPS

Designed by:	PWK
Drawn by:	HR
Reviewed by:	TJS
Submitted by:	F. GONZALEZ CHANA MOFFATT & NICHOL
Date:	2024-05-07
Cad by:	PGV
Drawing Scale:	
Plot scale:	1:1 (0 SHEET)
Rev.	-
M&N Project No.	111102-11
Drawing code:	

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

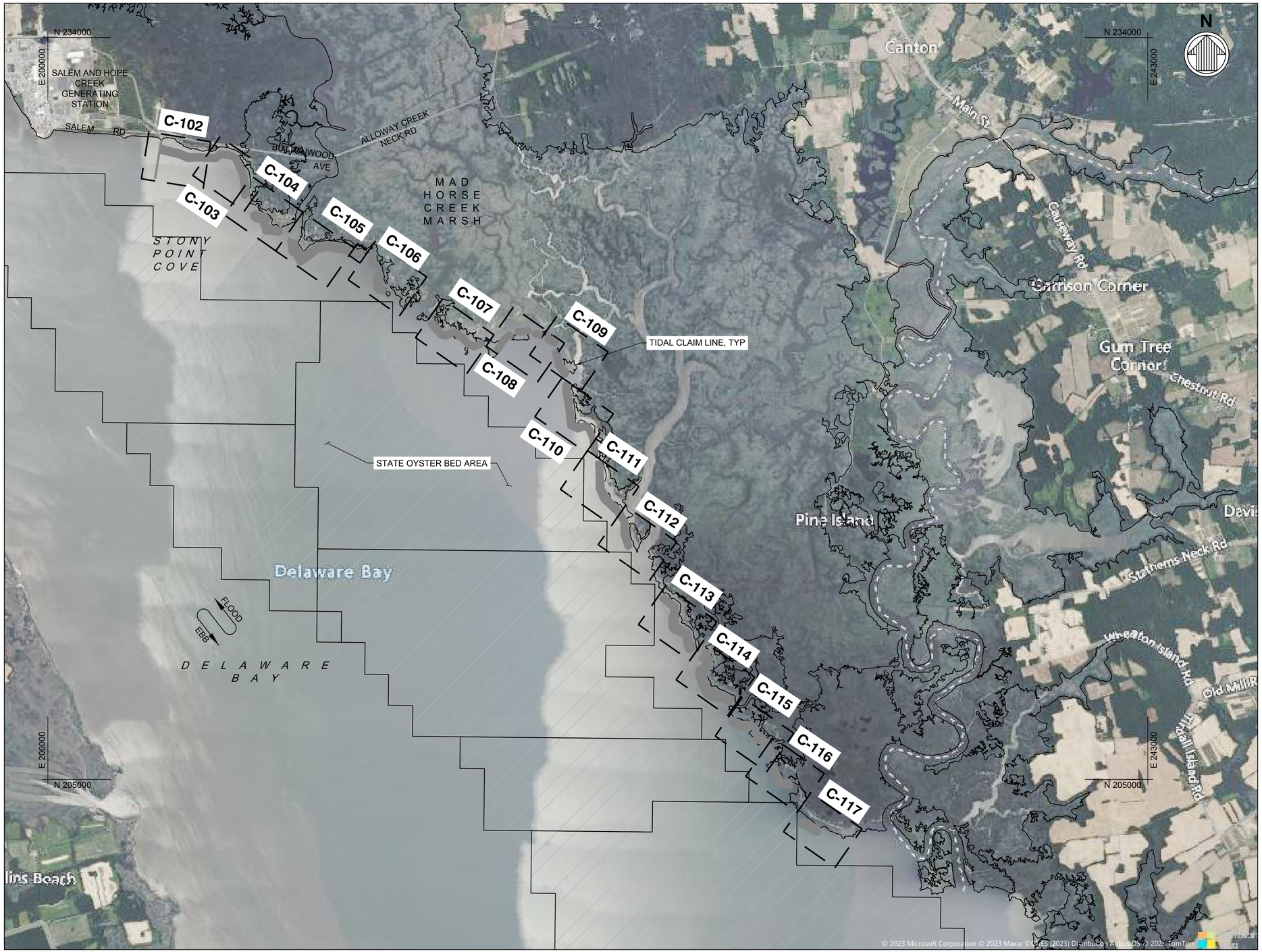
NJ EDA
NEW JERSEY WIND PORT

SEAL

Sheet Reference No.
G-001
INDEX: 1 OF 27

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



NOTES:

1. FOR GENERAL NOTES AND SEQUENCE OF CONSTRUCTION, SEE SHEET G-002.
2. FOR ABBREVIATION AND LEGEND, SEE SHEET G-003.

LEGEND:

- OFFSHORE FILL
- STATE OYSTER BED AREA

2000' 0' 2000' 4000'

SCALE: 1"=2000'

A1 / C-101 PLAN - KEY PLAN
SCALE: 1" = 2000'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING DESIGN OF BENEFICIAL USE OF DREDGED MATERIAL
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - KEY PLAN

Rev:	-
Date:	2024-05-07
M&N Project No.	11102-11
Designed by:	PWK
Drawing code:	
Drawn by:	HR
Cad by:	PGV
Reviewed by:	TJS
Drawing Scale:	
Submitted by:	F GONZALEZ CHANA
Plot scale:	1:1 (0 SHEET)

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

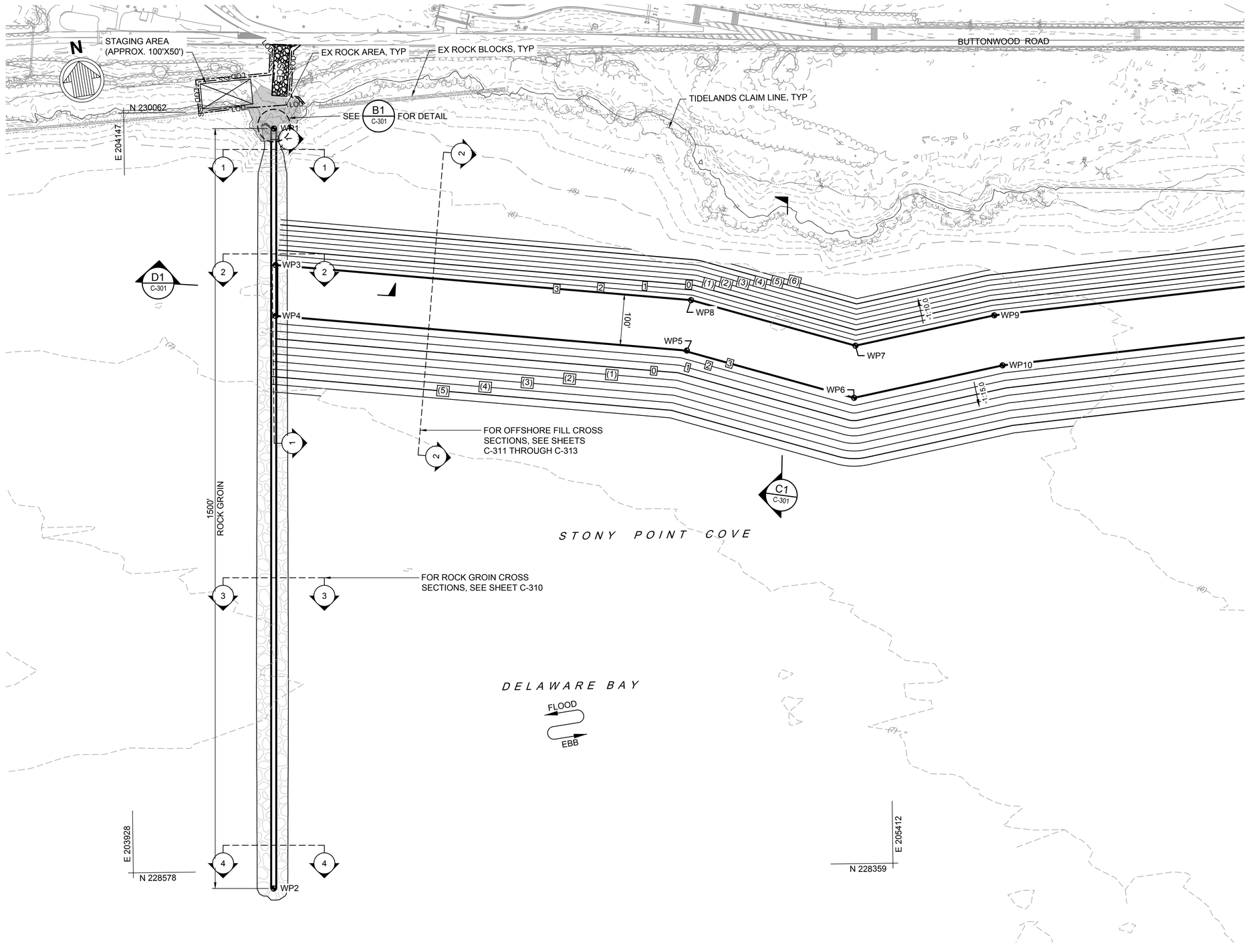
NEW JERSEY WIND PORT
NJEDA

SEAL

Sheet Reference No.
C-101
INDEX: 4 OF 27

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



NOTES

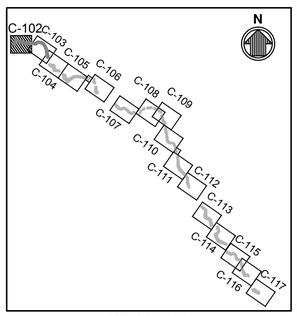
1. FOR GENERAL NOTES AND SEQUENCE OF CONSTRUCTION, SEE SHEET G-002.
2. FOR ABBREVIATION AND LEGEND, SEE SHEET G-003.

LEGEND

- EXIST VEGETATION
- TIDELANDS CLAIM LINE
- SHORELINE

TOP OF OFFSHORE FILL WORKING POINTS		
POINT #	NORTHING	EASTING
WP3	229718.2	204395.6
WP4	229619.1	204379.8
WP5	229422.9	205170.6
WP6	229278.6	205481.8
WP7	229379.8	205500.9
WP8	229520.0	205194.6
WP9	229395.6	205780.9
WP10	229295.4	205781.4

TOP OF ROCK GROIN WORKING POINTS		
POINT #	NORTHING	EASTING
WP1	229984.8	204435.1
WP2	228503.7	204197.1



KEY PLAN

100' 0' 100' 200'

SCALE: 1"=100'

A1 C-102 PLAN - OFFSHORE FILL - STONY POINT COVE AND ROCK GROIN
SCALE: 1" = 100'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

Rev:	Date:	Description	Appr
REVNO	2024-05-07		

NEW JERSEY WIND PORT
ENGINEERING DESIGN OF BENEFICIAL USE OF DREDGED MATERIAL
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - OFFSHORE FILL - STONY POINT COVE AND ROCK GROIN

M&N Project No. 11102-11
Drawing code:
Drawing Scale: 1:1 (D SHEET)
Plot scale: 1:1 (D SHEET)
Designed by: DSGN
Drawn by: DRFT
Cad by: CHKR
Reviewed by: REVR
Submitted by: F. GONZALEZ CHANA MOFFATT & NICHOL

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

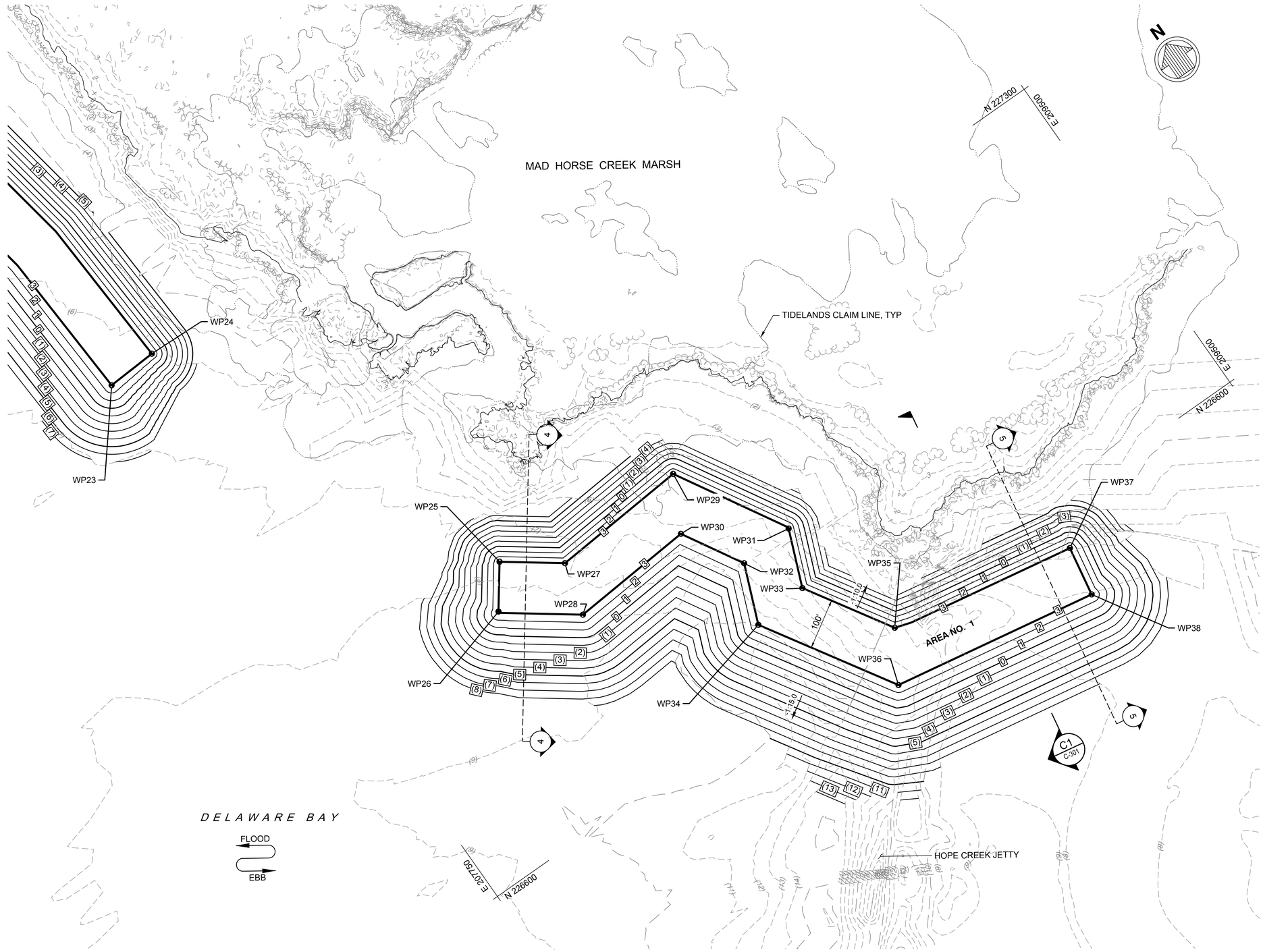
NEW JERSEY WIND PORT
NJEDA

SEAL

Sheet Reference No.
C-102
INDEX: 5 OF 27

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



NOTES

1. FOR GENERAL NOTES AND SEQUENCE OF CONSTRUCTION, SEE SHEET G-002.
2. FOR ABBREVIATION AND LEGEND, SEE SHEET G-003.

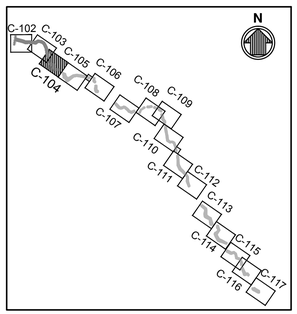
LEGEND

EXIST VEGETATION

TIDELANDS CLAIM LINE

SHORELINE

TOP OF OFFSHORE FILL WORKING POINTS		
POINT #	NORTHING	EASTING
WP25	227133.7	208129.2
WP26	227055.2	208071.5
WP27	227057.9	208232.3
WP28	226955.3	208203.1
WP29	227079.3	208505.8
WP30	226974.7	208450.7
WP31	226862.0	208629.0
WP32	226856.4	208518.8
WP33	226751.3	208584.1
WP34	226741.9	208472.4
WP35	226583.9	208687.3
WP36	226488.1	208628.9
WP37	226514.6	209057.1
WP38	226416.1	209039.8



KEY PLAN

100' 0' 100' 200'

SCALE: 1"=100'

A1 / C-104 PLAN - OFFSHORE FILL - AREA NO.1
SCALE: 1" = 100'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

NEW JERSEY WIND PORT
ENGINEERING DESIGN OF BENEFICIAL USE OF DREDGED MATERIAL
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - OFFSHORE FILL - AREA NO.1

Rev.	Date	Description	Mark	Appr
-				

Date: 2024-05-07
M&N Project No. 11102-11
Drawing code:
Designed by: PWK
Drawn by: HR
Cad by: PGV
Reviewed by: TJS
Submitted by: F GONZALEZ, CHANA MOFFATT & NICHOL
Drawing Scale:
Plot scale: 1:1 (D SHEET)

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

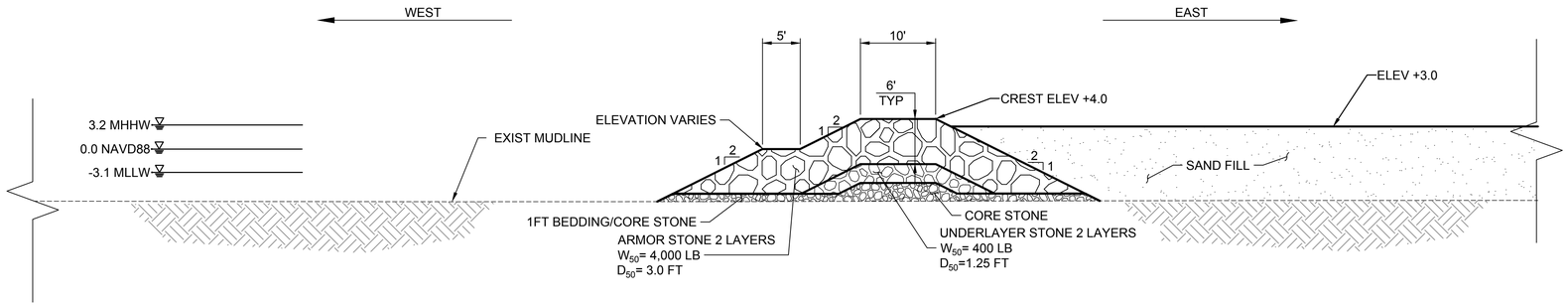
NEW JERSEY WIND PORT
NJEDA

SEAL

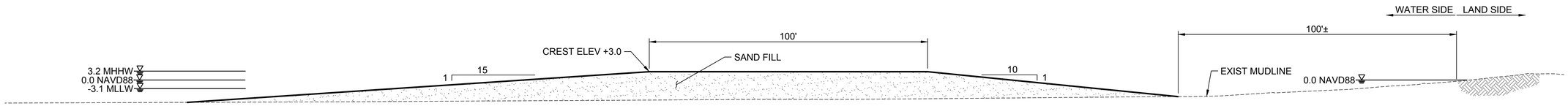
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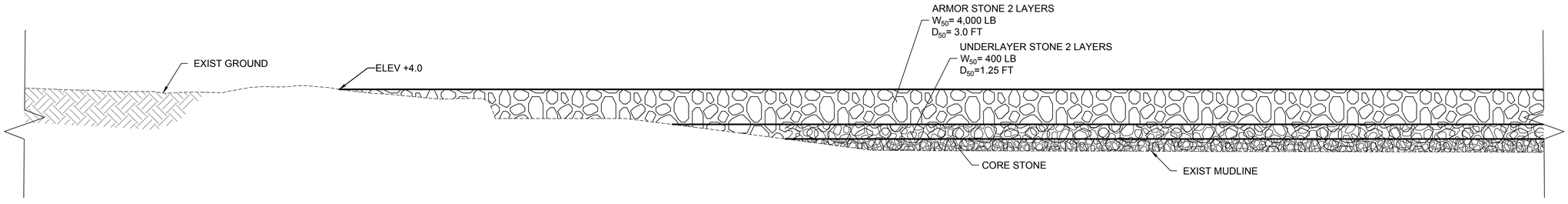
DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



D1 / C-301 SECTION - STONY POINT ROCK GROIN AND OFFSHORE FILL
SCALE: 1" = 10'



C1 / C-301 SECTION - OFFSHORE FILL
SCALE: 1" = 20'



B1 / C-301 SECTION - ROCK GROIN TIE INTO LAND
SCALE: 1" = 10'

20' 0' 20' 40'
SCALE: 1"=20'

10' 0' 10' 20'
SCALE: 1"=10'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING DESIGN OF BENEFICIAL USE OF DREDGED MATERIAL
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

SECTIONS - TYPICAL ROCK GROIN & OFFSHORE FILL

Designed by: PWK
Drawn by: HR
Ckd by: PGV
Reviewed by: TJS
Submitted by: F.GONZALEZ, CHANA MOFFATT & NICHOL
Date: 2024-05-07
M&N Project No. 11102-11
Drawing code:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Rev. -

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

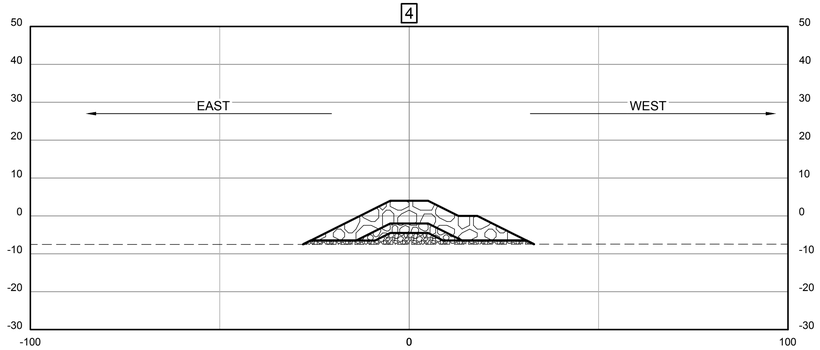
NEW JERSEY WIND PORT
NJEDA

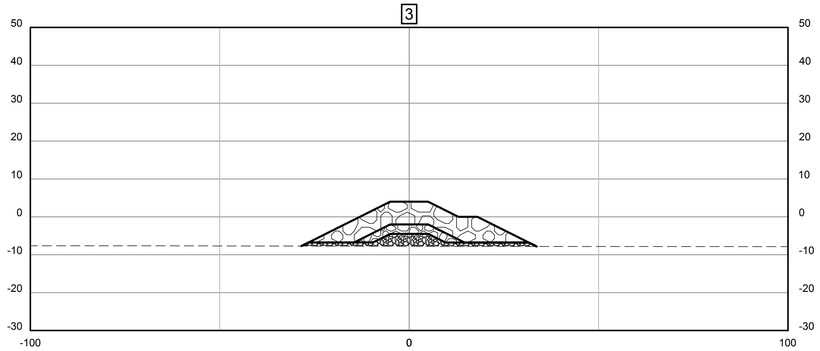
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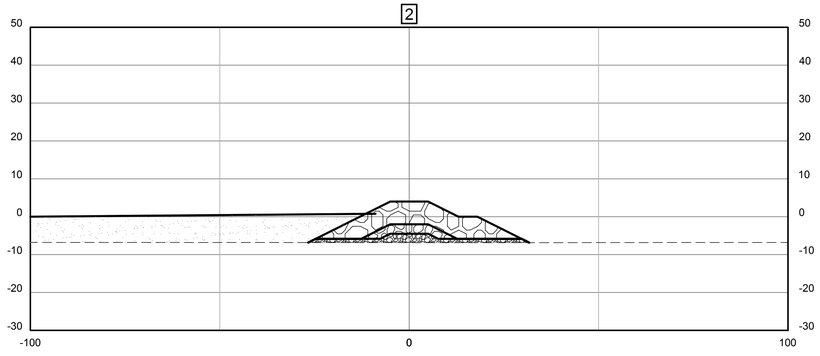
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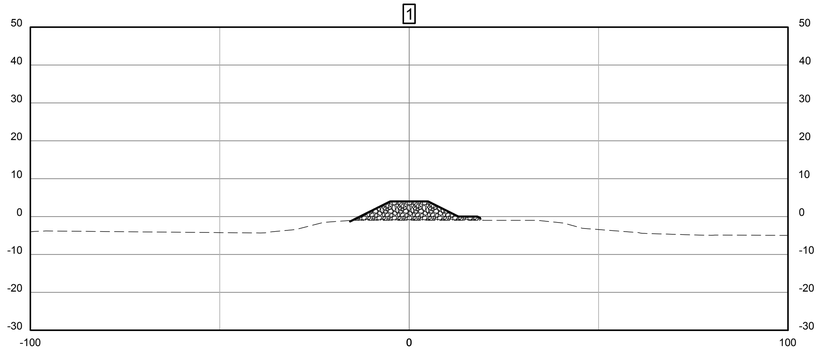
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING









20' 0' 20' 40'

SCALE: 1"=20'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING DESIGN OF BENEFICIAL USE
OF DREDGED MATERIAL
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

CROSS SECTIONS
- ROCK GROIN

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

NEW JERSEY WIND PORT
NJEDA

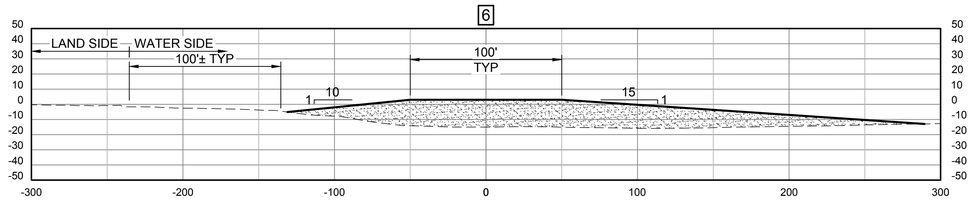
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Dwn by:	DRFT
Ckd by:	CHKR
Reviewed by:	REVR
Submitted by:	F. GONZALEZ, CHANA MOFFATT & NICHOL
Date:	2024-05-07
M&N Project No.	11102-11
Drawing code:	
Drawing Scale:	
Plot scale:	1:1 (D SHEET)
Rev.	REVNO

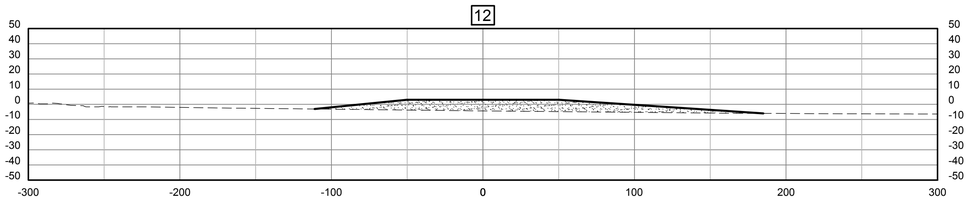
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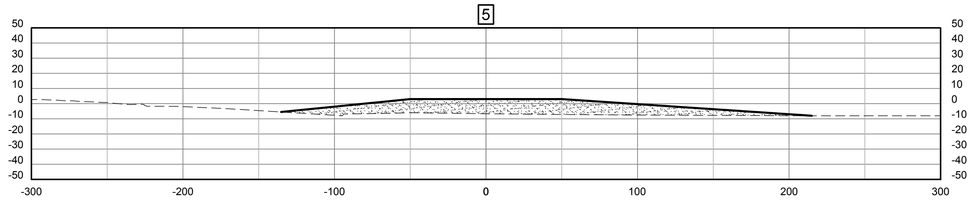
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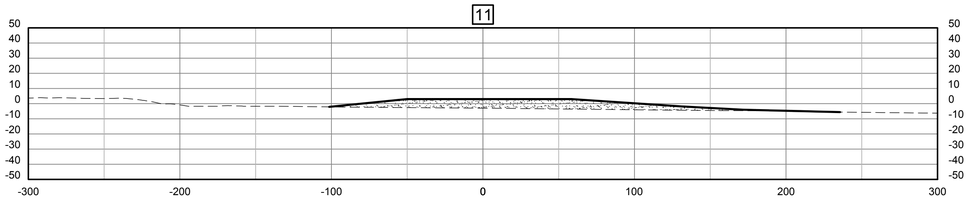
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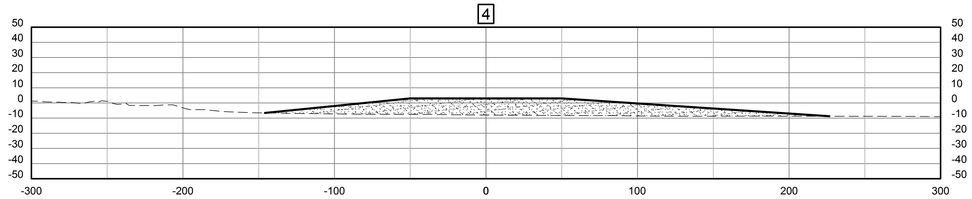
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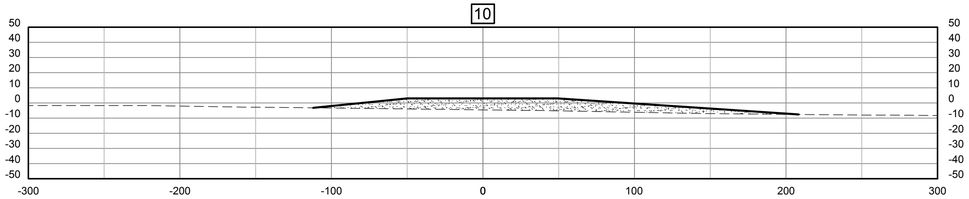


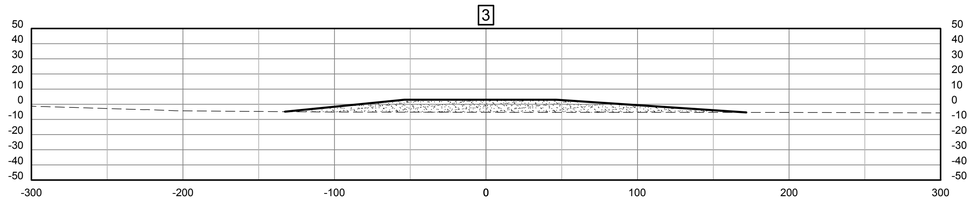


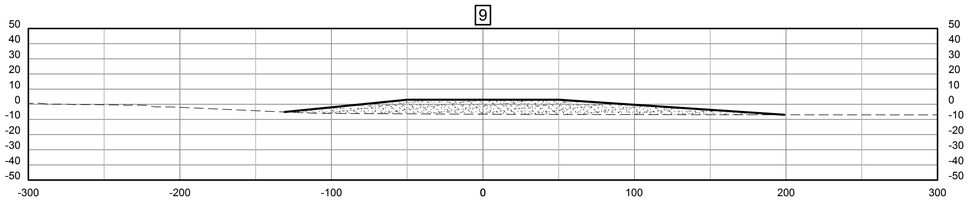


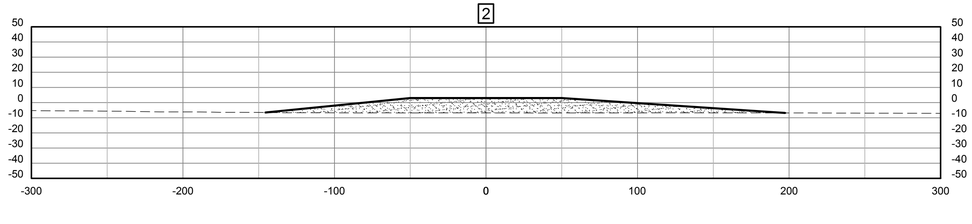


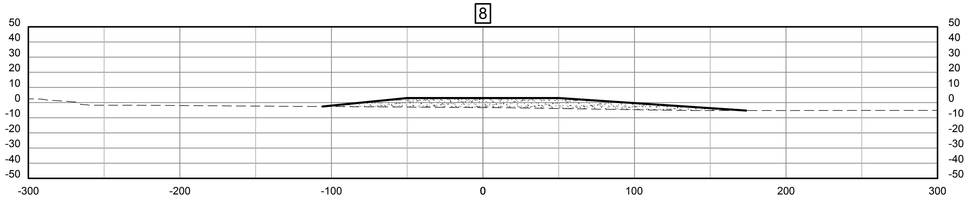


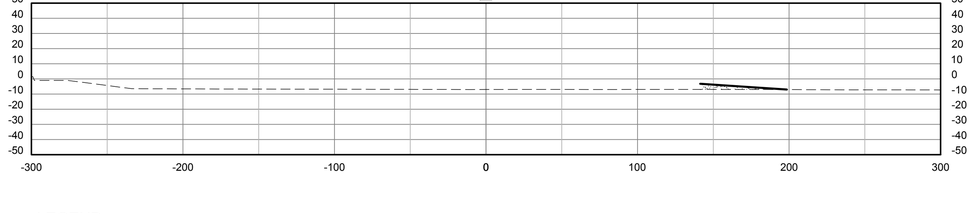


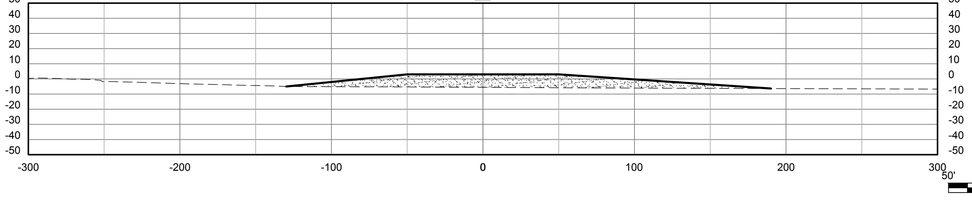


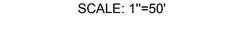












SCALE: 1"=50'

LEGEND:

OFFSHORE FILL

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING DESIGN OF BENEFICIAL USE
OF DREDGED MATERIAL
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

CROSS SECTIONS - OFFSHORE FILL (1 OF 3)

Rev.	Date:	Designed by:	Dwn by:	Reviewed by:	Submitted by:	Drawing code:	Drawing Scale:
REVNO	2024-05-07	DSGN	DRFT	REVR	F GONZALEZ, CHANA MOFFATT & NICHOL		1:1 (D SHEET)

Ckd by:	M&N Project No.	Plot scale:
CHKR	11102-11	1:1

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330

moffatt & nichol

NEW JERSEY WIND PORT

NJEDA

SEAL

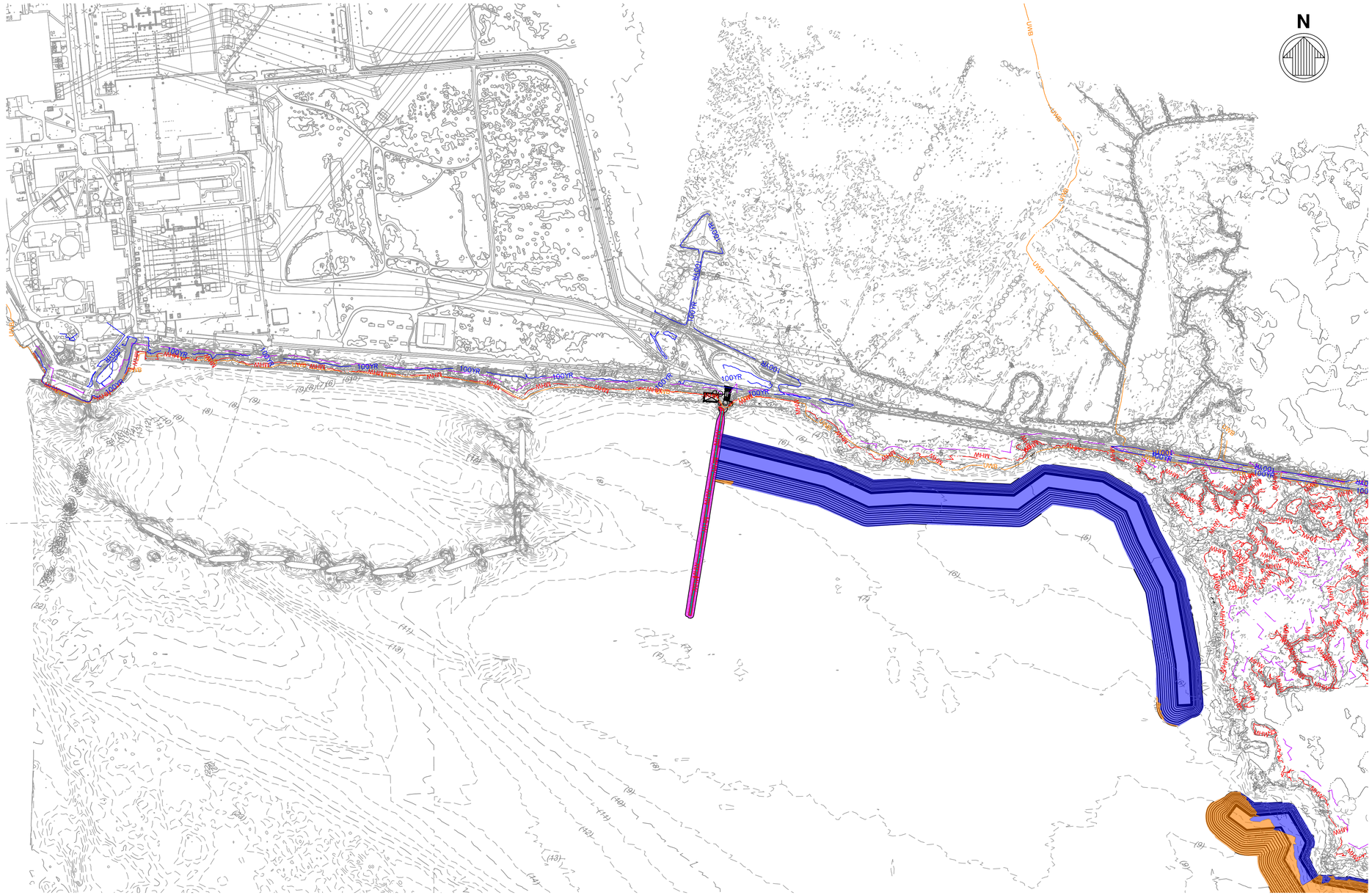
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C-311

INDEX: 22 OF 27

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

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NOTES:

1. NJDEP MAPPED COASTAL WETLAND BOUNDARY IS REPRESENTED BY NJDEP'S UWB/UWL GIS LAYER. NJDEP COASTAL WETLAND MAPS 224-1752, 224-1758, 231-1752, 231-1758 AND 237-1752 HAVE BEEN UPDATED TO COINCIDE WITH THE UWB/UWL GIS BOUNDARY VIA PETITION APPROVED SEPTEMBER 7, 2021.
2. THE FHA ELEVATION IS +9.0' PER THE FEMA MAP, THE FLOOD HAZARD AREA VERIFICATION IS BASED ON FEMA TIDAL METHOD 2 AND FLOOD INSURANCE RATE MAO (FIRM) NUMBERS 34033C0256C, 34033C0257C, 34033C0258C AND 34033C0259C PUBLISHED BY FEMA AND MADE EFFECTIVE ON JUNE 16, 2016.
3. THE RIPARIAN ZONE BOUNDARY SHOWN IS 50 FEET FROM THE RIVER'S TOP OF BANK.

A1
EX-006
PLAN - ENVIRONMENTAL IMPACT - BENEFICIAL USE (1 OF 5)
SCALE: 1"=400'

LEGEND

- PERMANENT OPEN WATER IMPACT
- HABITAT CONVERSION (HARD SUBSTRATE HABITAT)
- TEMPORARY IMPACT TO INTERTIDAL/SUBTIDAL SHALLOWS
- TEMPORARY IMPACT TO OPEN WATER
- MHW — TOP OF BANK
- UWB — UPPER WETLAND BOUNDARY
- RIPARIAN ZONE BOUNDARY
- 100YR — 100 YEAR FLOOD LINE

ENTIRE BENEFICIAL USE PROJECT	
REGULATED AREA	PROPOSED IMPACTS
PERMANENT OPEN WATER IMPACT	0.512 AC
HABITAT CONVERSION (HARD SUBSTRATE HABITAT)	1.558 AC
TEMPORARY IMPACT TO INTERTIDAL /SUBTIDAL SHALLOWS)	178.794 AC
TEMPORARY IMPACT TO OPEN WATER	83.228 AC

100' 0' 100' 200'
SCALE: 1"=100'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

Rev.	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - OFFSHORE FILL - STONY POINT COVE AND ROCK GROIN

Date: 2024-05-07
Rev: REVNO
M&N Project No.: 11102-33
Drawing scale:
Drawing Scale:
Plot scale: 1:1 (0 SHEET)
Designed by: DSGN
Cad by: CHKR
Dwn by: DRFT
Reviewed by: REVR
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

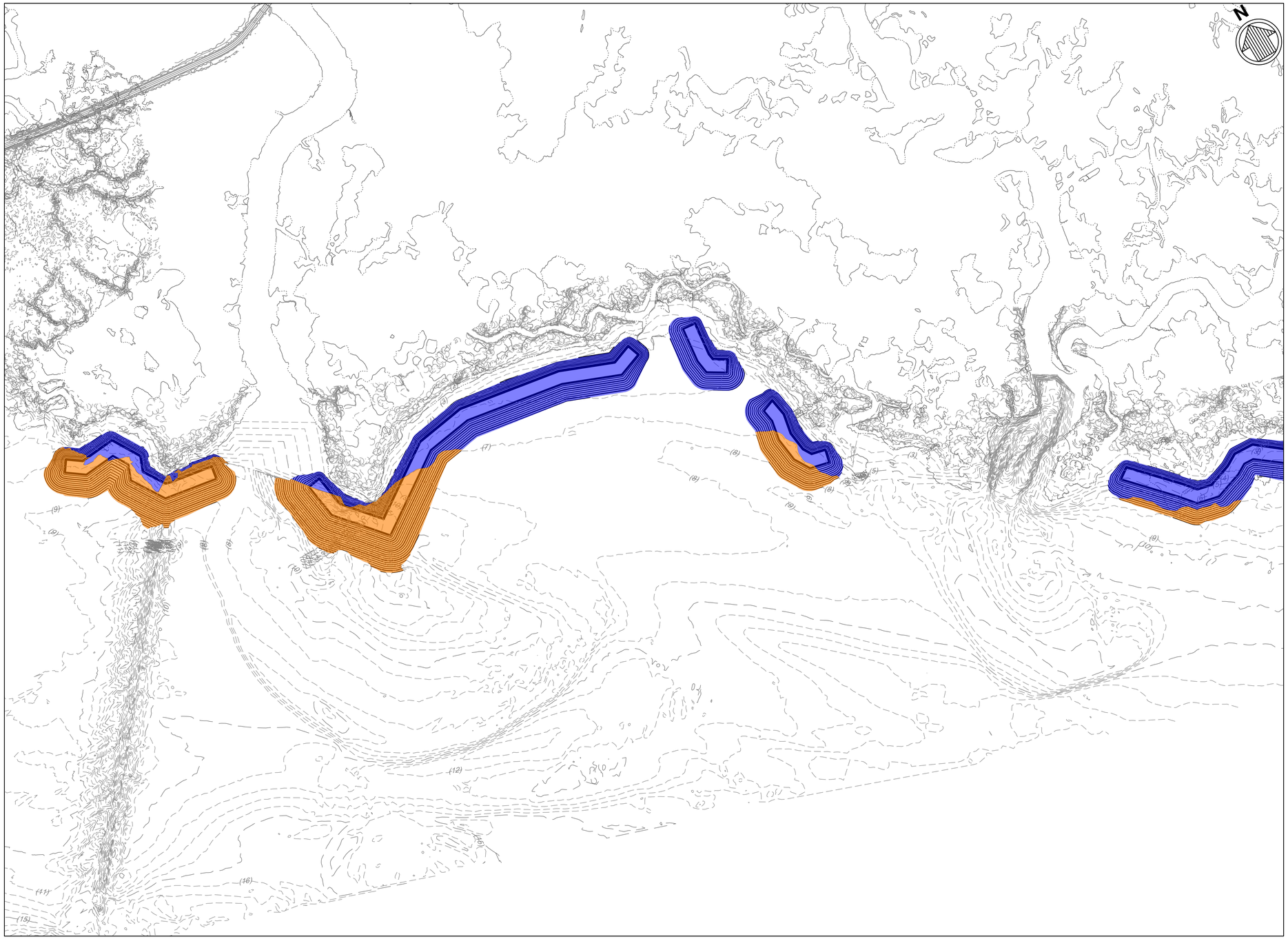
NEW JERSEY WIND PORT
NJEDA

SEAL

Sheet Reference No.
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



LEGEND

- PERMANENT OPEN WATER IMPACT
- HABITAT CONVERSION (HARD SUBSTRATE HABITAT)
- TEMPORARY IMPACT TO INTERTIDAL/SUBTIDAL SHALLOWS
- TEMPORARY IMPACT TO OPEN WATER

A1 / EX-007 PLAN - ENVIRONMENTAL IMPACT - BENEFICIAL USE (2 OF 5)
SCALE: 1"=400'

400' 0' 400' 800'
SCALE: 1"=400'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - OFFSHORE FILL - STONY POINT COVE AND ROCK GROIN

Date: 2024-05-07 | Rev: REVNO
M&N Project No.: 11102-33
Drawing scale:
Drawing Scale:
Plot scale: 1:1 (D SHEET)
Designed by: DSGN | Drawn by: DRFT | Chkd by: CHKR
Reviewed by: REVR
Submitted by: SUBMITTERS NAME MOFFATT & NICHOL

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-298-7330
moffatt & nichol

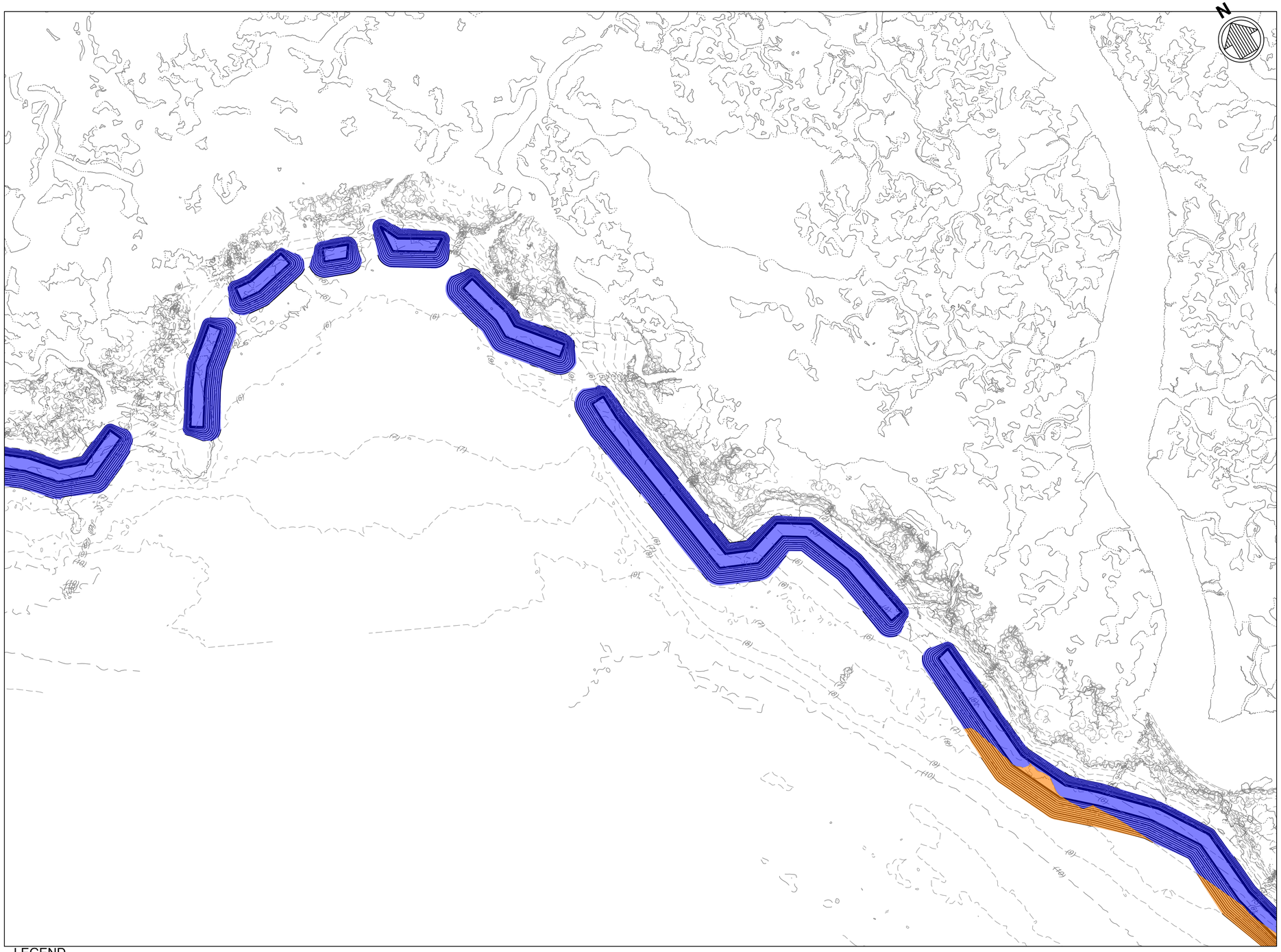
NEW JERSEY WIND PORT
NJ EDA

SEAL

Sheet Reference No.
EX-007
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



LEGEND

- PERMANENT OPEN WATER IMPACT
- HABITAT CONVERSION (HARD SUBSTRATE HABITAT)
- TEMPORARY IMPACT TO INTERTIDAL/SUBTIDAL SHALLOWS
- TEMPORARY IMPACT TO OPEN WATER

A1
EX-008

PLAN - ENVIRONMENTAL IMPACT - BENEFICIAL USE (3 OF 5)

SCALE: 1"=400'

400' 0' 400' 800'

SCALE: 1"=400'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - OFFSHORE FILL - STONY POINT COVE AND ROCK GROIN

Designed by: DSGN	Drawn by: DRFT	Checked by: CHKR	Date: 2024-05-07
Reviewed by: REVR	Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL		M&N Project No. 11102-33
Drawing scale:	Plot scale: 1:1 (D SHEET)		Rev. REVNO

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-399-7330
moffatt & nichol

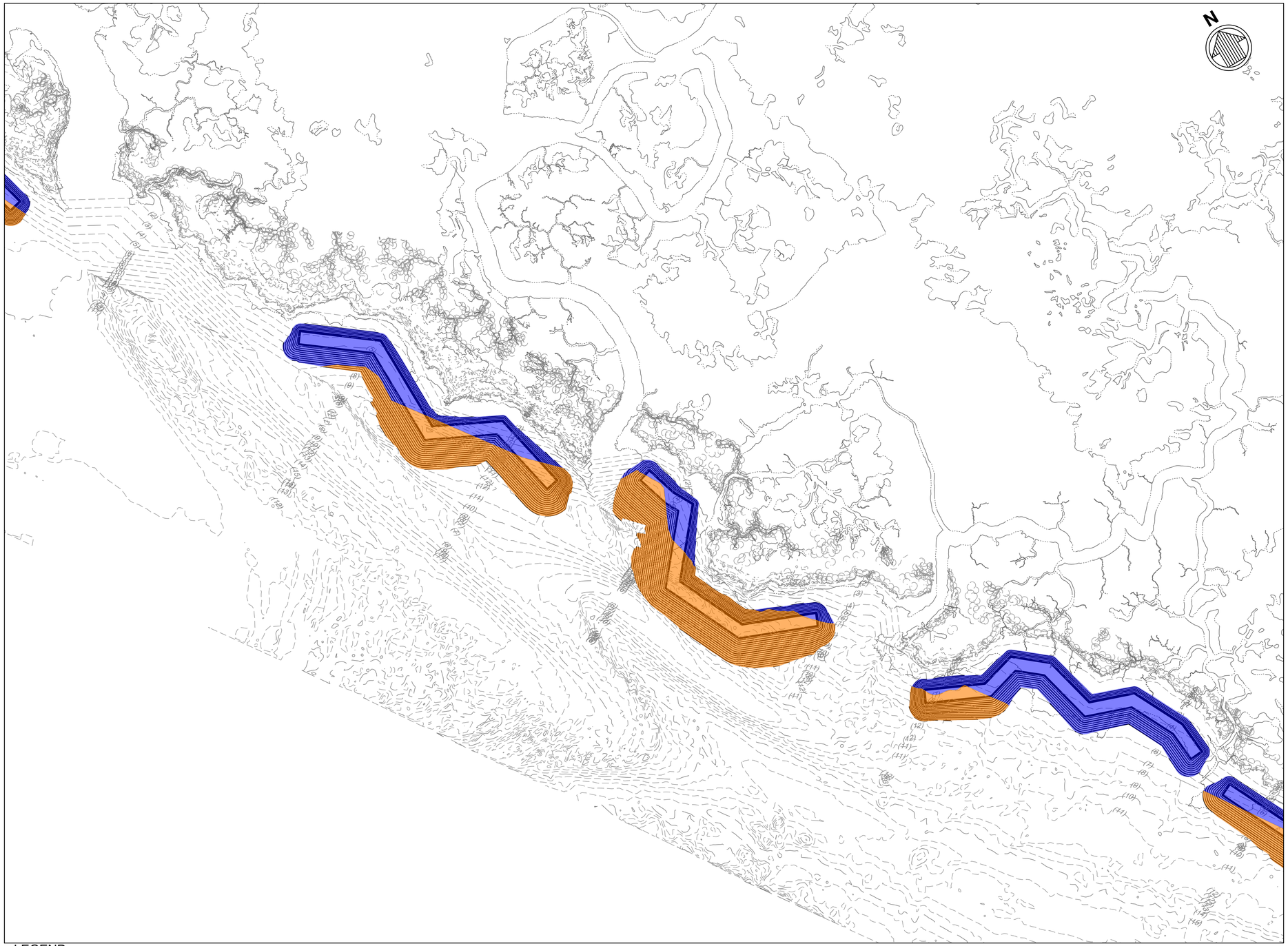
NEW JERSEY WIND PORT
NJEDA

SEAL

Sheet Reference No.
EX-008
INDEX: 5 OF 27

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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



LEGEND

- PERMANENT OPEN WATER IMPACT
- HABITAT CONVERSION (HARD SUBSTRATE HABITAT)
- TEMPORARY IMPACT TO INTERTIDAL/SUBTIDAL SHALLOWS
- TEMPORARY IMPACT TO OPEN WATER

A1
EX-009

PLAN - ENVIRONMENTAL IMPACT - BENEFICIAL USE (4 OF 5)
SCALE: 1"=400'

400' 0' 400' 800'
SCALE: 1"=400'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - OFFSHORE FILL - STONY POINT COVE AND ROCK GROIN

moffatt & nichol
180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330

NEW JERSEY WIND PORT
NJEDA

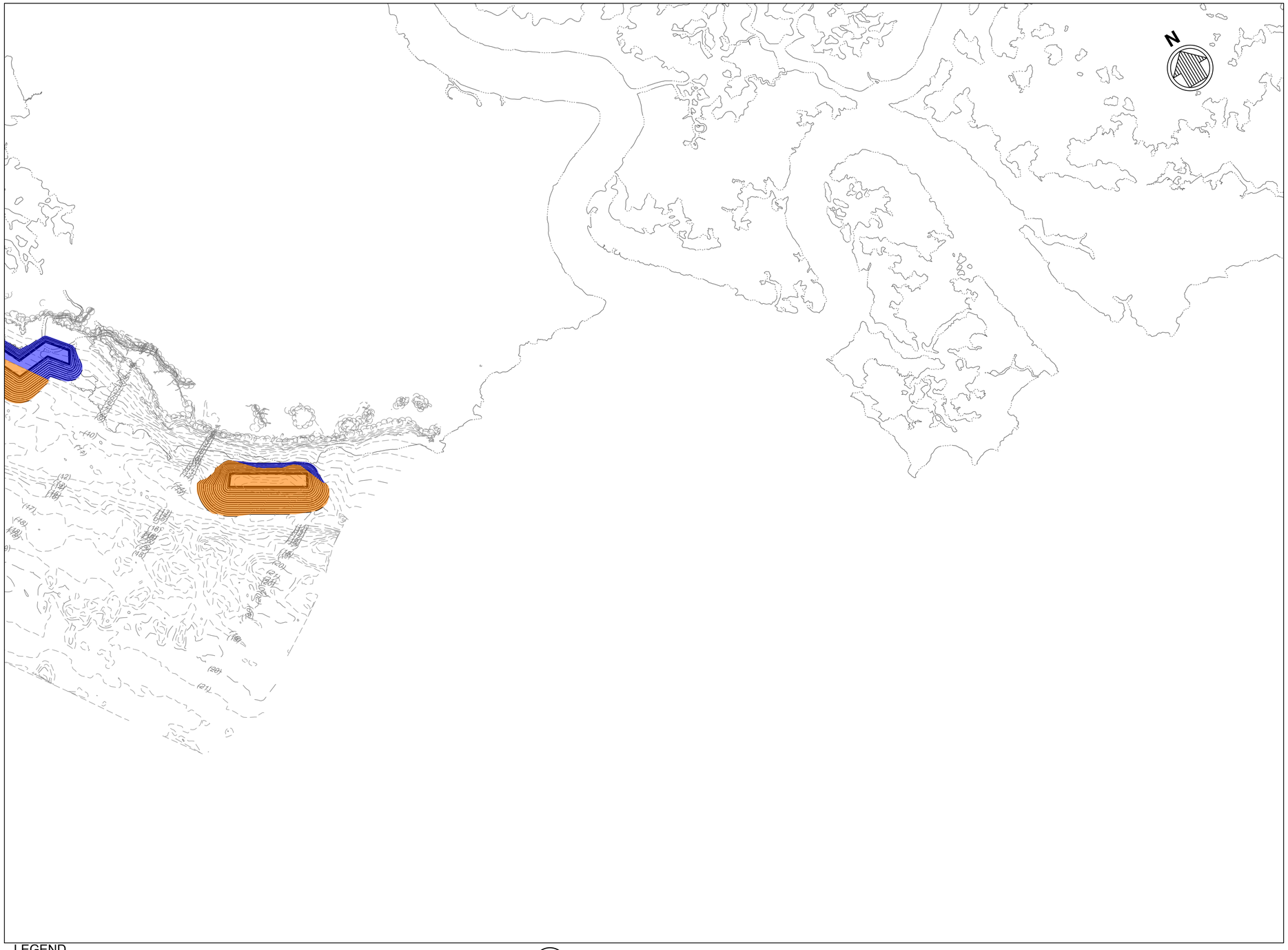
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Drawn by:	DRFT
Checked by:	CHKR
Reviewed by:	REVR
Submitted by:	SUBMITTER'S NAME MOFFATT & NICHOL
Date:	2024-05-07
Revision No.	REVNO
M&N Project No.	11102-33
Drawing code:	
Drawing Scale:	
Plot scale:	1:1 (0 SHEET)

SEAL

Sheet Reference No.
EX-009
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DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



LEGEND

- PERMANENT OPEN WATER IMPACT
- HABITAT CONVERSION (HARD SUBSTRATE HABITAT)
- TEMPORARY IMPACT TO INTERTIDAL/SUBTIDAL SHALLOWS
- TEMPORARY IMPACT TO OPEN WATER

A1 / EX-010 PLAN - ENVIRONMENTAL IMPACT - BENEFICIAL USE (5 OF 5)
SCALE: 1"=400'

400' 0' 400' 800'
SCALE: 1"=400'

PERMITTING PACKAGE
ISSUED: 2024-05-07
NOT TO BE USED FOR CONSTRUCTION

DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING

Mark	Description	Date	Appr

NEW JERSEY WIND PORT
ENGINEERING FOR SITE WIDE PERMITTING
LOWER ALLOWAYS CREEK TOWNSHIP
SALEM COUNTY, NJ

PLAN - OFFSHORE FILL - STONY POINT COVE AND ROCK GROIN

Date: 2024-05-07 | Rev: REVNO
M&N Project No. 11102-33
Drawing code:
Drawing Scale: Plot scale: 1:1 (0 SHEET)
Designed by: DSGN | Drawn by: DRFT | Cad by: CHKR | Reviewed by: REVR
Submitted by: SUBMITTERS NAME MOFFATT & NICHOL

180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330
moffatt & nichol

NEW JERSEY WIND PORT
NJ EDA

SEAL

Sheet Reference No.
EX-010
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File: Q:\BOS\Projects\11102-33 Sitewide Permit\20 CADD_Active_Exhibits\Environmental Impact 2024\11102-33-EX-006 ; Plotted: 5/10/2024 5:41 PM by CASTILLO, CRISTIAN ; Saved: 5/10/2024 12:12 PM by CCASTILLO