



REPLY TO  
ATTENTION OF

## DEPARTMENT OF THE ARMY

PHILADELPHIA DISTRICT CORPS OF ENGINEERS  
WANAMAKER BUILDING, 100 PENN SQUARE EAST  
PHILADELPHIA, PENNSYLVANIA 19107-3390

**JAN 25 2020**

Regulatory Branch  
Application Section II

SUBJECT: CENAP-OP-R 2016-0181-39  
Delaware River Partners, LLC

Mr. Gary Lewis  
Delaware River Partners, LLC  
1345 Avenues of the Americas  
New York, New York 10105

Dear Mr. Lewis:

Enclosed is a Department of the Army Permit (Enclosure 1) authorizing Delaware River Partners, LLC to construct a second dock structure, with associated walkways and dolphins that would handle bulk liquid petroleum products at Block 8, Lots 2, 3, 4, 4.01 and 4.02, in the Gibbstown Section of Greenwich Township, Gloucester County, New Jersey. Also enclosed is a notice of authorization (ENG Form 4336-Enclosure 2) to be conspicuously displayed at the site of work.

**It is hereby noted that you have made the decision to limit dredging between March 15<sup>th</sup> to September 15<sup>th</sup> of any year to ensure impacts to the larval phase of Atlantic Sturgeon (Acipenser oxyrhynchus oxyrhynchus) will be minimal. Any future request to change the seasonal restrictions noted in the Department of the Army permit will require this office to re-initiate the Formal Consultation under the Endangered Species Act. No additional work will be allowed within the waterway during the seasonal restriction period (March 15 through September 15) until the coordination with the National Marine Fisheries Service is completed by this office.**

Carefully review all the terms and conditions of the Department of the Army permit and understand them fully. Performing any work not specifically authorized by the permit or failing to comply with its conditions may subject you and/or your contractor to the enforcement provisions of our regulations. If a contractor performs the work for you, both you and the contractor are responsible for assuring the work is done in conformance with the conditions and limitations of this permit. Please be sure the person who will do the work has read and understands the conditions of the permit.

This office shall be notified of the commencement and completion of the permitted work. To assist you in meeting this requirement, enclosed with the Department of the Army Permit is a Notification/Certification of Work Commencement Form and a Notification/Certification of Work Completion/Compliance Form which must be signed and returned to this office.

Additional information concerning this permit may be obtained by writing to Lawrence Slavitter of my office at the above address or calling at 215-656-6734.

If any material changes in the location or plans of the permitted work are found necessary on account of unforeseen or altered conditions or otherwise, revised plans should be submitted promptly to this office in order that the revised plans, if found unobjectionable, may receive the approval required by law before operations on the permitted work are commenced.

Sincerely,

A handwritten signature in cursive script, appearing to read "Edward E. Bonner".

Edward E. Bonner  
Chief, Regulatory Branch

Enclosures

## DEPARTMENT OF THE ARMY PERMIT

### PERMITTEE AND PERMIT NUMBER:

CENAP-OP-R-2016-0181-39: Delaware River Partners, LLC

### ISSUING OFFICE:

Department of the Army  
U.S. Army Corps of Engineers, Philadelphia District  
Wanamaker Building - 100 Penn Square East  
Philadelphia, Pennsylvania 19107-3390

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

### PROJECT DESCRIPTION:

Activities authorized per Section 404 of the Clean Water Act and Section 10 of the River and Harbor Act of 1899 include the construction of a proposed new docking facility consisting of two (2) loading platforms, eight breasting dolphins, 11 mooring dolphins, walkways to provide access between the loading platforms and dolphins, a trestle supporting a one-lane vehicular roadway with adjacent pedestrian access and an internal pipe system for the transfer bulk liquid product (including Liquefied Natural Gas (LNG)), and mechanical dredging in the waterway.

#### Loading Platforms

Two loading platforms, 138.5' x 85' in size, will be constructed to allow for loading bulk liquid product onto vessels. Each loading platform will be constructed on forty 30" diameter steel pipe piles (80 piles total). The loading platforms will be connected to the trestle by an 88.5' by 45' structure supported by fourteen 24" steel pipe piles. The location of the loading platforms are shown on the attached plan sheets.

#### Trestle

Access to the loading platforms from land will be provided by a 36' wide trestle supporting a one-lane vehicular roadway with adjacent pedestrian access, an internal pipe system for the transfer bulk liquid product, and mechanical and electrical support systems. The trestle will extend waterward from the mean high water line for approximately 660'. At that point, the trestle will turn west and run parallel to the loading platforms, dolphins, and walkways for approximately 1611'. The trestle will be supported by 4 pile supported bents, with a total of 210 24" diameter steel wall pipe piles over 50 bents.

These pipelines, which go from the trestle to the loading platforms, will vary in size and

contain multiple products, including bulk liquids, water, nitrogen electricity and fire retardant.

A 50' wide abutment will support the landing of the trestle above the mean high water line. A sheet pile wall will be constructed around the abutment to provide additional structural support (total length 147 feet).

### Dolphins

In order to secure the vessels at the site, 11 mooring dolphins (including one shared mooring dolphin) and eight (8) breasting dolphins will be installed. Both the mooring and breasting dolphins will be 33' square. The shared mooring dolphin will be 57' by 33'.

The typical mooring dolphin will be constructed on nine 48" diameter steel wall pipe piles. The shared mooring dolphin will be constructed on fifteen 48" diameter steel pipe piles (95 total piles). The breasting dolphins will be constructed on eight 48" diameter steel pipe piles (64 total piles).

### Walkways

Walkways will be installed between the loading platforms and dolphins to provide access from the platforms to the dolphins. Eleven 48" steel pipe piles will be installed to support all 1640 linear feet of the 5' wide walkways. Walkways between loading platforms, mooring dolphins, and breasting dolphins will be provided with four intermediate support systems.

The overall length of the structure, including the mooring dolphins will be 2550 linear feet. The waterward most structure will be located approximately 650' from the edge of the Federal Navigation Channel. Lighting fixtures on the structures will be installed as required by the US Coast Guard.

### Mechanical Dredging

An area approximately 45 acres in size will be dredged to a depth of -43 feet mean lower low water  $\pm$  1 foot overdraft. The material, composed primarily of a silt and clay, will be removed using mechanical excavation equipment. A closed environmental mechanical bucket will be used primarily to excavate the silt layer from the waterway. The bucket will remain closed over the water while the majority of the water drains from the excavated material. The dredged material will then be placed in a hopper barge and allowed to decant, with the excess water returning to the waterway. Sediment testing confirms that the material meets the New Jersey Department of Environmental Protection's requirements with regard to contaminant levels. One option would be for the material to be taken directly to the Whites Basin Confined Disposal Facility (CDF) located in Logan Township, Gloucester County, New Jersey. A second option will be to load the material onto a barge and transported to the Fort Mifflin CDF, located in the City of Philadelphia, Philadelphia County, Pennsylvania. A separate permit will need to be obtained from the US Army Corps of Engineers, Operation Division before any material will be accepted at the Fort Mifflin CDF. For material destined for the Whites Basin facility, the dredged material will be placed directly into bottom-dump barges. These barges will then be transported by tugboat to the Whites Basin and discharged into the Basin in accordance with



their operating permits. For material approved by the Corps for the Ft. Mifflin site, the dredged material will be mechanically dredged and placed directly into hopper barges. The hopper scows will then be transported by tugboat across the channel to a hydraulic unloader positioned on a spud barge located adjacent to the Ft. Mifflin CDF site. There, the material will be hydraulically unloaded from the hopper scows directly into one of the upland CDF cells at Ft. Mifflin. A total of approximately 665,000 cubic yards of material will be removed from the waterway. It is also noted that some of the materials dredged from the Delaware River may be used as fill for the development activities on the site.

Equipment to be used at the site for the proposed construction activities described herein will be located no closer than 50 feet from the edge of the Federal navigation channel. Remnants of an existing structure constructed approximately 100 years ago will remain in place and not be impacted by the work proposed at the site.

All work is to be completed in accordance with the attached plan(s) E-1 through E-22

**PROJECT LOCATION:**

Block 8, Lots 2, 3, 4, 4.01 and 4.02, in the Gibbstown Section of Greenwich Township, Gloucester County, New Jersey

**PERMIT CONDITIONS:**

**General Conditions:**

1. The time limit for completing the work authorized ends on December 31, 2024. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and State coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.

5. If a conditioned water quality certification has been issued for your project, you must comply with conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Special Conditions:

1. All work performed in association with the above noted project shall be conducted in accordance with the project plans entitled "DRP Gibbstown Logistics Center Dock 2", prepared by Moffatt and Nichol, 11, 11A, 12, 12A, 15 through 20 dated February 22, 2019, last revised August 16, 2019, sheet 13 dated February 22, 2019 last revised December 2, 2019, sheet 14 dated February 22, 2019, last revised December 2, 2019. The project plans provide for the dredging of approximately 45 acres of the waterway to a depth of minus 43 feet mean lower low water  $\pm$  1 foot. Docking facilities will be constructed at the site as indicated above.
2. Construction activities shall not result in the disturbance or alteration of greater than 47 acre of waters of the United States.
3. Any deviation in construction methodology or project design for activities in waters of the United States from that shown on the above noted drawings must be approved by this office, in writing, prior to performance of the work. All modifications to the above noted project plans shall be approved, in writing, by this office. No work shall be performed prior to written approval of this office.
4. This office shall be notified at least 10 days prior to the commencement of authorized work by completing and signing the attached Notification/ Certification of Work Commencement Form. This office shall also be notified within 10 days of the completion of the authorized work by completing and signing the attached Notification/Certification of Work Completion/Compliance Form. All notifications required by this condition shall be in writing and shall be transmitted to this office by registered mail. Oral notifications are not acceptable. Similar notification is required each time maintenance work is to be done under the terms of this Corps of Engineers permit.
5. The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.
6. A minimum of 30 days prior to commencing work, the permittee/contractor shall request in writing, from the U.S. Coast Guard, that a Local Notice to Mariners be issued regarding the

authorized construction work. This written request shall include the location of work, a description of the construction activities; type of construction equipment to be used and expected duration of work in the waterway. The written request should be addressed to the following: Mr. Ward B. Posey Local Notice to Mariners Fifth Coast Guard District 431 Crawford Street Portsmouth, Virginia 23704-5004 (757) 398-6229 Ward.B.Posey@uscg.mil  
A copy of the cover letter shall be forward to our office for our records.

7. In order to avoid impacts to anadromous fisheries resources, no in-water work shall occur between March 15<sup>th</sup> and June 30<sup>th</sup> of any given year. If future work is requested during the seasonal restriction, this office will re-coordinate with the National Marine Fisheries Service (NMFS) and no in-water work will be allowed until coordination with the NMFS is complete.

8. In order to avoid impacts to Atlantic Sturgeon (Acipenser oxyrhynchus oxyrhynchus), no in-water work shall occur between March 15<sup>th</sup> and September 15<sup>th</sup> of any year to ensure impacts to the larval phase of will be minimal. If future work is requested during the seasonal restriction, this office will re-coordinate with the National Marine Fisheries Service (NMFS) and no in-water work will be allowed until coordination with the NMFS is complete. If the carcass of an Atlantic or Shortnose sturgeon is noted within the waters surrounding the port facility, the sighting must be reported to NMFS within 24 hours at [incidental.take@noaa.gov](mailto:incidental.take@noaa.gov)

9. To minimize impacts to the fisheries resources, a "soft start", which involves having the hammer (both vibratory and impact) commencing work at half power, shall be employed, for a minimum of 15 minutes. After this time period, the hammer can be used at full power.

10. At least 30 days prior to the commencement of work within areas of Federal jurisdiction, a pre-construction meeting must be held with the permittee, their contractors, and representatives of this office to insure that all permit conditions are fully understood by the permittee and their contractors.

11. An environmental bucket shall be used for the removal of accumulated sediment at the site. The permittee shall monitor the descent of the bucket, and ensure that it is used in such a manner that the bucket will not penetrate beyond the vertical dimension of the bucket. The permittee shall minimize the loss of sediment due to extrusion through the bucket vent openings and hinge area.

12. In order to minimize sedimentation of the waterway during removal of accumulated sediment, the environmental bucket shall be operated in a manner that will minimize the number of passes required to remove the sediment and shall not be dragged over the substrate. Additionally, the rate of removal of the bucket from the river shall be performed at a rate no greater than 2 feet per second.

13. Any hydraulically dredged material pumped via pipeline to the Whites Basin CDF shall be placed within a basin located on the upland portions of the facility. The material shall not be discharged directly into the re-handling basin.

14. The pipeline conveying the dredged material shall be located no closer than 100 feet from the edge of the Federal navigation channel as shown on local navigation charts.

15. In the event that the permittee selects to dispose of any dredged materials at the Fort Mifflin dredged material disposal facilities, they shall contact Mr. Timothy Rooney of the Philadelphia District Operations Division by calling (215-656-6592) or by e-mail at (timothy.j.rooney@usace.army.mil) a minimum of 30 days prior to the proposed commencement of dredging activities to verify availability of the Fort Mifflin Confined Disposal Site (CDF) for the dredged materials and to finalize any other details relating to the placement/handling of the dredged materials.

16. In the event that the permittee selects to dispose of any dredged materials at the Fort Mifflin CDF, the permittee shall obtain a Water Quality Certificate (WQC) from the Pennsylvania Department of Environmental Protection (PADEP) prior to any disposal activities. It is the permittee's responsibility to ensure that all material to be placed at the Fort Mifflin CDF site shall meet all requirements, including a site specific Water Quality Certification, from the PADEP.

17. Any disposal of dredged materials at the Fort Mifflin CDF shall be conducted in accordance with the stipulations in Department of the Army Real Estate License Number DACW-31-3-17-316 between the US Army Corps of Engineers, Baltimore District, Real Estate Division and CLEAN EARTH DREDGING TECHNOLOGIES, LLC, 334 S. Warminster Road, Hatboro, Pennsylvania 19040, (Granted March 10, 2017). Particular attention is directed to the stipulation (Section 2 a.) requiring that the permittee remove 1.5 times the volume of any material to be placed within the CDF, by measure, prior to the disposal of any dredged materials into the CDF. Bathymetric surveys must be performed both prior to and after dredging to confirm the amount of material placed at the Fort Mifflin CDF. All survey work shall be performed at the permittee's expense.

18. The decision to issue this permit was partially based upon the proposal for truck traffic accessing the port via the Gloucester County Route 44 by-pass in order to minimize traffic impacts to the community. As such, trucks containing Liquefied Natural Gas shall not access the site other than from the by-pass. Should the development of the by-pass be delayed or abandoned, you shall contact this office and no work shall begin until this office has re-evaluated traffic impacts to the community.

19. No pile driving can be performed until this office receives and approves the design for a bubble curtain that will be used to minimize sound generated by the work in the waterway.

#### FURTHER INFORMATION:

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:

☒ Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).

☒ Section 404 of the Clean Water Act (33 U.S.C. 1344).

☐ Section 103 of the Marine Protection, Research and Sanctuaries Act.

2. Limits of this authorization.

- a. This permit does not obviate the need to obtain other Federal, State, or local authorizations required by law.
- b. This permit does not grant any property rights or exclusive privileges.
- c. This permit does not authorize any injury to the property or rights of others.
- d. This permit does not authorize interference with any existing or proposed Federal projects.

3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:

- a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
- b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.
- c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.
- d. Design or construction deficiencies associated with the permitted work.
- e. Damage claims associated with any future modification, suspension, or revocation of this permit.

4. Reliance on Applicant's Data. The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

5. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

- a. You fail to comply with the terms and conditions of this permit.
- b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (see 4 above).
- c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures



such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions. General Condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.

Laura M. Hef 2/25/20  
(PERMITTEE) (DATE)  
Agent on behalf of  
Delaware River Partners LLC

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.

Edward E. Bonner 25 Feb 2020  
(District Engineer) (DATE)  
Edward E. Bonner, Chief, Regulatory Branch

for: David C. Park  
Lieutenant Colonel, Corps of Engineers  
District Commander

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

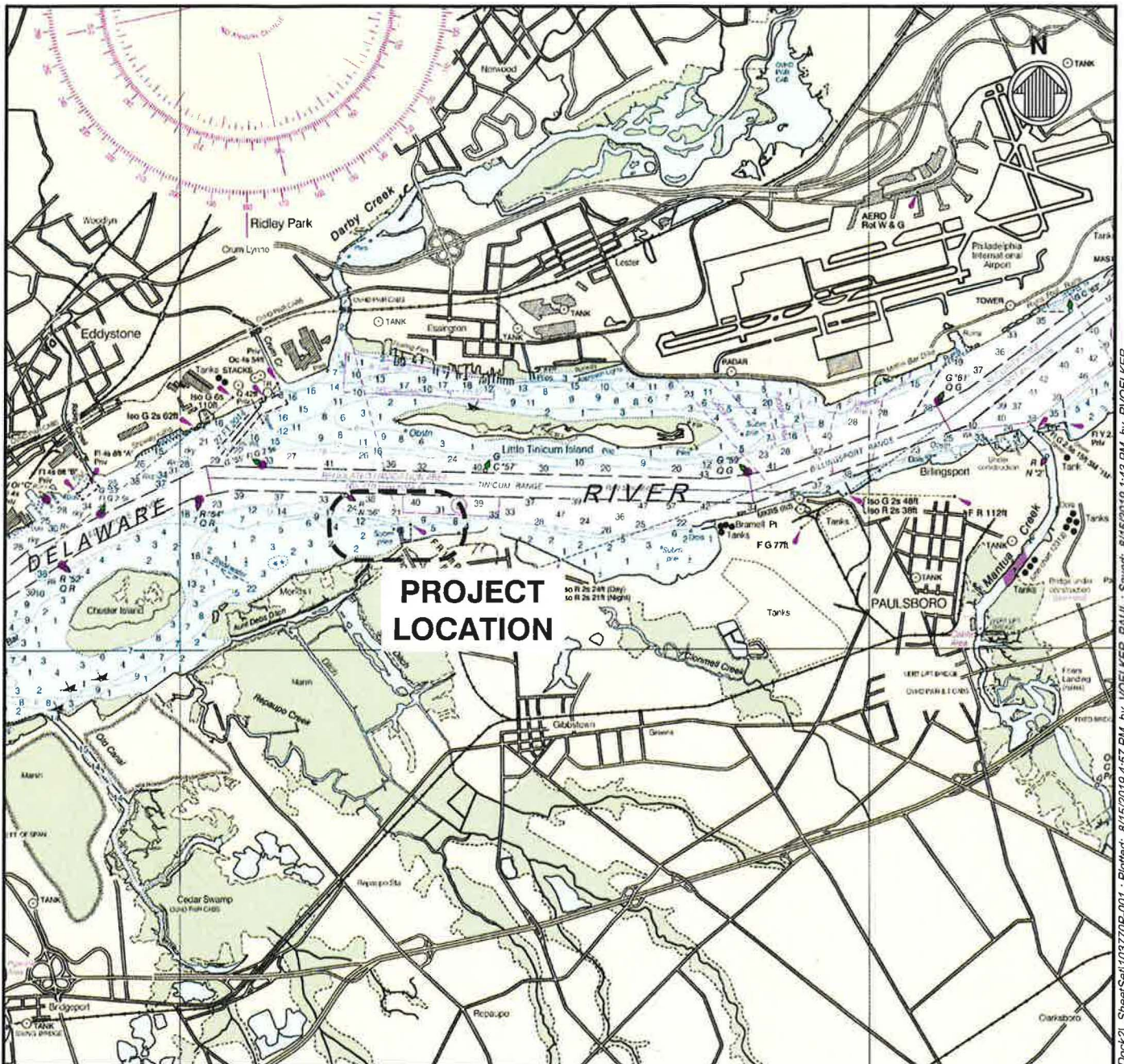
\_\_\_\_\_  
(TRANSFEREE) (DATE)

5. If a conditioned water quality certification has been issued for your project, you must comply with conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Special Conditions:

1. All work performed in association with the above noted project shall be conducted in accordance with the project plans entitled "DRP Gibbstown Logistics Center Dock 2", prepared by Moffatt and Nichol, 11, 11A, 12, 12A, 15 through 20 dated February 22, 2019, last revised August 16, 2019, sheet 13 dated February 22, 2019 last revised December 2, 2019, sheet 14 dated February 22, 2019, last revised December 2, 2019. The project plans provide for the dredging of approximately 45 acres of the waterway to a depth of minus 43 feet mean lower low water  $\pm$  1 foot. Docking facilities will be constructed at the site as indicated above.
2. Construction activities shall not result in the disturbance or alteration of greater than 47 acre of waters of the United States.
3. Any deviation in construction methodology or project design for activities in waters of the United States from that shown on the above noted drawings must be approved by this office, in writing, prior to performance of the work. All modifications to the above noted project plans shall be approved, in writing, by this office. No work shall be performed prior to written approval of this office.
4. This office shall be notified at least 10 days prior to the commencement of authorized work by completing and signing the attached Notification/ Certification of Work Commencement Form. This office shall also be notified within 10 days of the completion of the authorized work by completing and signing the attached Notification/Certification of Work Completion/Compliance Form. All notifications required by this condition shall be in writing and shall be transmitted to this office by registered mail. Oral notifications are not acceptable. Similar notification is required each time maintenance work is to be done under the terms of this Corps of Engineers permit.
5. The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.
6. A minimum of 30 days prior to commencing work, the permittee/contractor shall request in writing, from the U.S. Coast Guard, that a Local Notice to Mariners be issued regarding the





### VICINITY MAP

#### NOTE:

BACKGROUND TAKEN FROM NOAA CHART 12312, 58TH ED., NOVEMBER 2018.

APPLICATION BY:  
DELAWARE RIVER PARTNERS LLC  
200 N REPAUNO AVENUE  
GIBBSTOWN, NEW JERSEY 08027

ENGINEER:



DRP GIBBSTOWN  
LOGISTICS CENTER  
DOCK 2

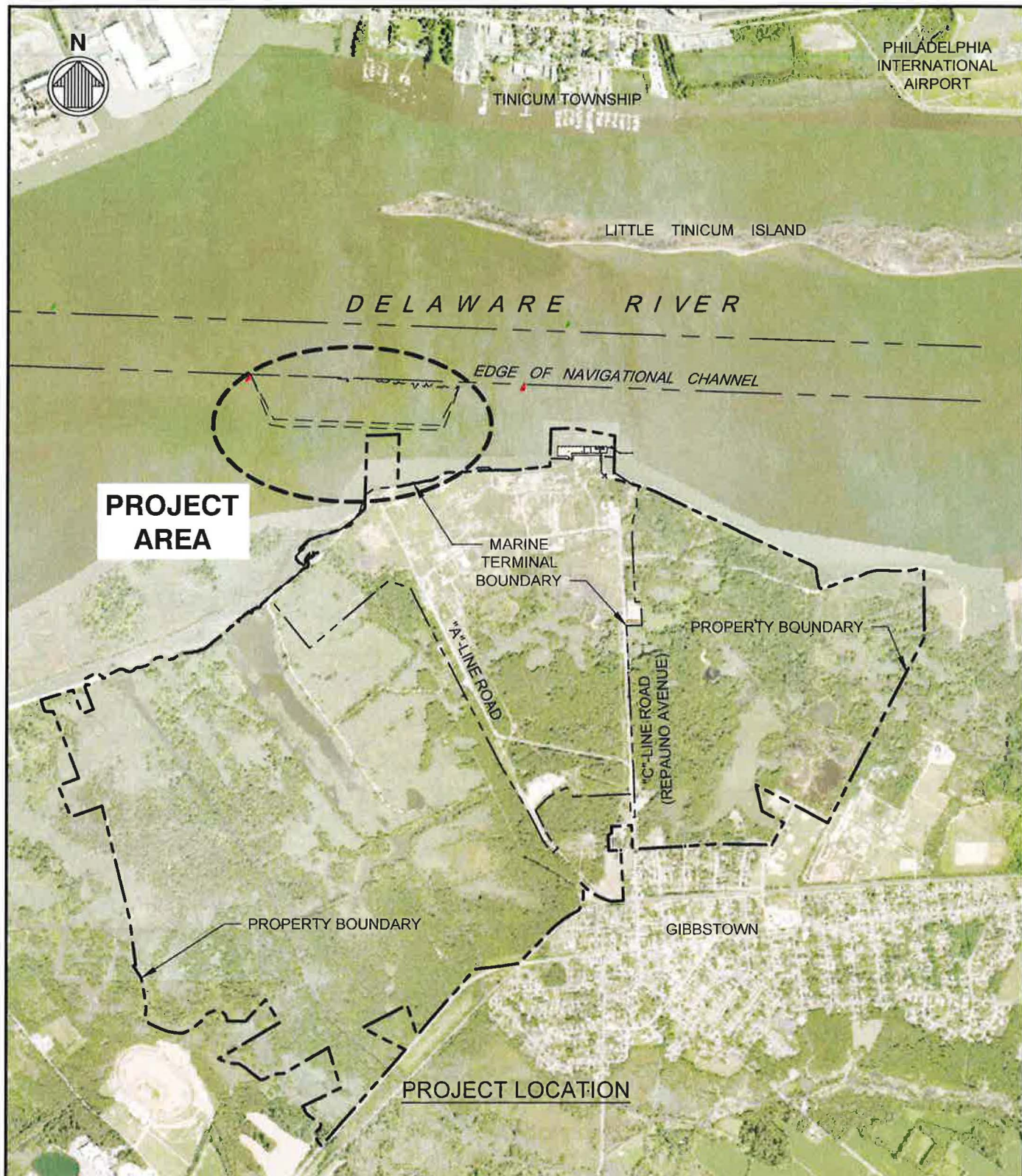
PROJECT LOCATION:  
DELAWARE RIVER  
GIBBSTOWN, GREENWICH TOWNSHIP, NEW JERSEY



DATE: FEBRUARY 22, 2019  
REISSUE: AUGUST 16, 2019

SHEET 01 OF 20





APPLICATION BY:  
 DELAWARE RIVER PARTNERS LLC  
 200 N REPAUNO AVENUE  
 GIBBSTOWN, NEW JERSEY 08027

DRP GIBBSTOWN  
 LOGISTICS CENTER  
 DOCK 2



ENGINEER:



PROJECT LOCATION:  
 DELAWARE RIVER  
 GIBBSTOWN, GREENWICH TOWNSHIP, NEW JERSEY

DATE: FEBRUARY 22, 2019  
 REISSUE: AUGUST 16, 2019

SHEET 02 OF 20

File: Q:\BA110377 DRP Energy FDI500 CADD\_ACTIVE\Permits\_USACE Dock21\_SheetSet\10377DP-002 ; Plotted: 8/15/2019 4:56 PM by VOELKER, PAUL ; Saved: 2/20/2019 10:41 AM by MWILKINSON

E-2



## GENERAL NOTES

- NOTES BELOW ARE NOT INTENDED TO REPLACE SPECIFICATIONS. SEE SPECIFICATIONS FOR REQUIREMENTS IN ADDITION TO GENERAL NOTES.
- EXISTING CONDITIONS SURVEY SHOWN IS BASED ON A REPORT OF TITLE PREPARED BY FIDELITY NATIONAL TITLE INSURANCE COMPANY, TITLE NO. 2013-80667, REVISED TO FEBRUARY 13, 2015 AND IS SUBJECT TO THE CONDITIONS AND RESTRICTIONS LISTED THEREON THE TITLE REPORT AND SEVERAL NOTED UNRECORDED DOCUMENTS WERE SUPPLIED BY E.I. DU PONT DE NEMOURS AND COMPANY.
- EXISTING CONDITIONS ARE ALSO BASED IN PART ON A FORMER SURVEY OF THE ENTIRE TRACT PERFORMED FOR E.I. DU PONT DE NEMOURS AND COMPANY DATED 12/15/2000 PREPARED BY CONSULTING ENGINEERING SERVICES, FOUND MONUMENTATION, PHYSICAL EVIDENCE, DEEDS OF RECORD, AND TAX MAP INFORMATION.
- EXISTING BUILDINGS AT THE SITE NOT DESIGNATED "TO REMAIN" HAVE BEEN DEMOLISHED TO FOUNDATION LEVEL AFTER SITE SURVEY WAS PERFORMED.
- BUILDING SURFACE AND SUBSURFACE IMPROVEMENTS ON OR ADJACENT TO THE SITE ARE NOT NECESSARILY SHOWN.
- THE LOCATIONS OF UNDERGROUND UTILITIES MAY VARY FROM THE LOCATIONS ILLUSTRATED. THE UTILITIES WERE MAPPED FROM RECORD PLANS PROVIDED BY DU PONT AND ORIENTED TO PHYSICAL FEATURES ILLUSTRATED ON THE RECORD PLANS. SITE IMPROVEMENTS/INFRASTRUCTURE MAY NOT BE SHOWN BECAUSE OF LACK OF DEFINED RECORDS. A DETAILED SUBSURFACE INVESTIGATION TO VERIFY PRESENCE OF UNDERGROUND STRUCTURES/UTILITIES MUST BE PERFORMED PRIOR TO ANY EXCAVATION OR CONSTRUCTION.
- THE VERTICAL DATUM IS BASED UPON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). THE HIGH TIDE LINE (HTL) IS DEFINED AS MEAN HIGHER HIGH WATER WHICH IS ELEV +3.14 FT.

### REPAUNO DESIGN DATUM - NAVD88

HIGHEST OBSERVED WATER LEVEL *	7.14 FEET
HIGH TIDE LINE (HTL)	3.14 FEET
MEAN HIGH WATER (MHW)	2.77 FEET
MEAN SEA LEVEL (MSL)	0.13 FEET
NORTH AMERICAN VERTICAL DATUM (NAVD88)	0.00 FEET
MEAN TIDE LEVEL (MTL)	-0.02 FEET
MEAN LOW WATER (MLW)	-2.82 FEET
MEAN LOWER LOW WATER (MLLW)	-3.00 FEET
LOWEST OBSERVED WATER LEVEL	-6.62 FEET

\* THE "HIGHEST OBSERVED WATER LEVEL" WAS RECORDED BY NOAA (NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION) ON OCTOBER 30, 2012 WHEN HURRICANE SANDY WAS CROSSING THE DELAWARE RIVER NEAR WILMINGTON, DE.

- THE TOPOGRAPHIC SURVEY ILLUSTRATED IN THIS PLAN SET WAS PERFORMED DURING A TIME PERIOD WHERE THE GROUND WAS OBSCURED IN LARGE PART BY VEGETATIVE COVER. THE FINAL TOPOGRAPHY WAS DEVELOPED FROM A COMBINATION OF DATA SOURCES INCLUDING NEW LIDAR DATA ACQUIRED IN JULY, 2014; AERIAL PHOTOGRAPHY DATED JULY, 2014; NEW ORTHOPHOTOGRAPHY DATED JULY, 2014; NJ STATE LIDAR DATA OBTAINED IN THE SPRING OF 2007; NJ STATE ORTHOPHOTOGRAPHY (2012); PLANIMETRIC DETAIL ON A SURVEY BY CONSULTING ENGINEERING SERVICES, DATED DECEMBER 15, 2000. THIS TOPOGRAPHIC SURVEY SHOULD NOT BE USED FOR FINAL DESIGN OR EARTHWORK CALCULATIONS WITHOUT FIELD VERIFICATION OF THE ELEVATIONS.
- THE HYDROGRAPHIC SURVEY ILLUSTRATED IN THIS PLAN SET WAS PERFORMED IN DECEMBER 2014 AND UPDATED IN NOVEMBER 2018 BY GAHAGAN & BRYANT ASSOCIATES, INC.
- HIGH TIDE LINE SHOWN ON PLANS IS ELEV +3.14 FT, EXCEPT WHERE THERE IS AN EXISTING BULKHEAD, PIER OR TIDE GATE. THIS LINE DEFINES THE MEAN HIGHER HIGH WATER LINE AND LIMIT OF WATERS OF THE U.S (WOTUS).
- SURVEY BASED ON THE NEW JERSEY STATE PLANE COORDINATE SYSTEM NAD 1983. THE COORDINATES SHOWN HEREON WERE DERIVED FROM A VIRTUAL REFERENCE STATION (VRS) NETWORK (KEYNET GPS) USING TRIMBLE'S VRS NET APP SOFTWARE.

## INDEX OF DRAWINGS

SHEET NO.	SHEET TITLE
01	VICINITY MAP
02	PROJECT LOCATION
03	GENERAL NOTES AND INDEX OF DRAWINGS
04	PROJECT AREA
05	PLAN - DREDGING
06	SECTIONS - DREDGING SHEET 1 OF 3
07	SECTIONS - DREDGING SHEET 2 OF 3
08	SECTIONS - DREDGING SHEET 3 OF 3
09	PLAN - GENERAL ARRANGEMENT DOCK 2
10	PLAN - PILE
11	PLAN - DECK
11A	PLAN - LIGHTING ARRANGEMENT
12	PLAN - ENLARGED
12A	PLAN - ENLARGED LIGHTING
13	PLAN - LANDSIDE TRANSITION
14	SECTION - LANDSIDE TRANSITION
15	TYPICAL SECTION - TRESTLE
16	DETAILS - MOORING DOLPHIN
17	DETAILS - BREASTING DOLPHIN
18	DETAILS - SHARED MOORING DOLPHIN
19	DETAILS - LOADING PLATFORM
20	DETAILS - WALKWAY SUPPORT

APPLICATION BY:  
DELAWARE RIVER PARTNERS LLC  
200 N REPAUNO AVENUE  
GIBBSTOWN, NEW JERSEY 08027

ENGINEER:

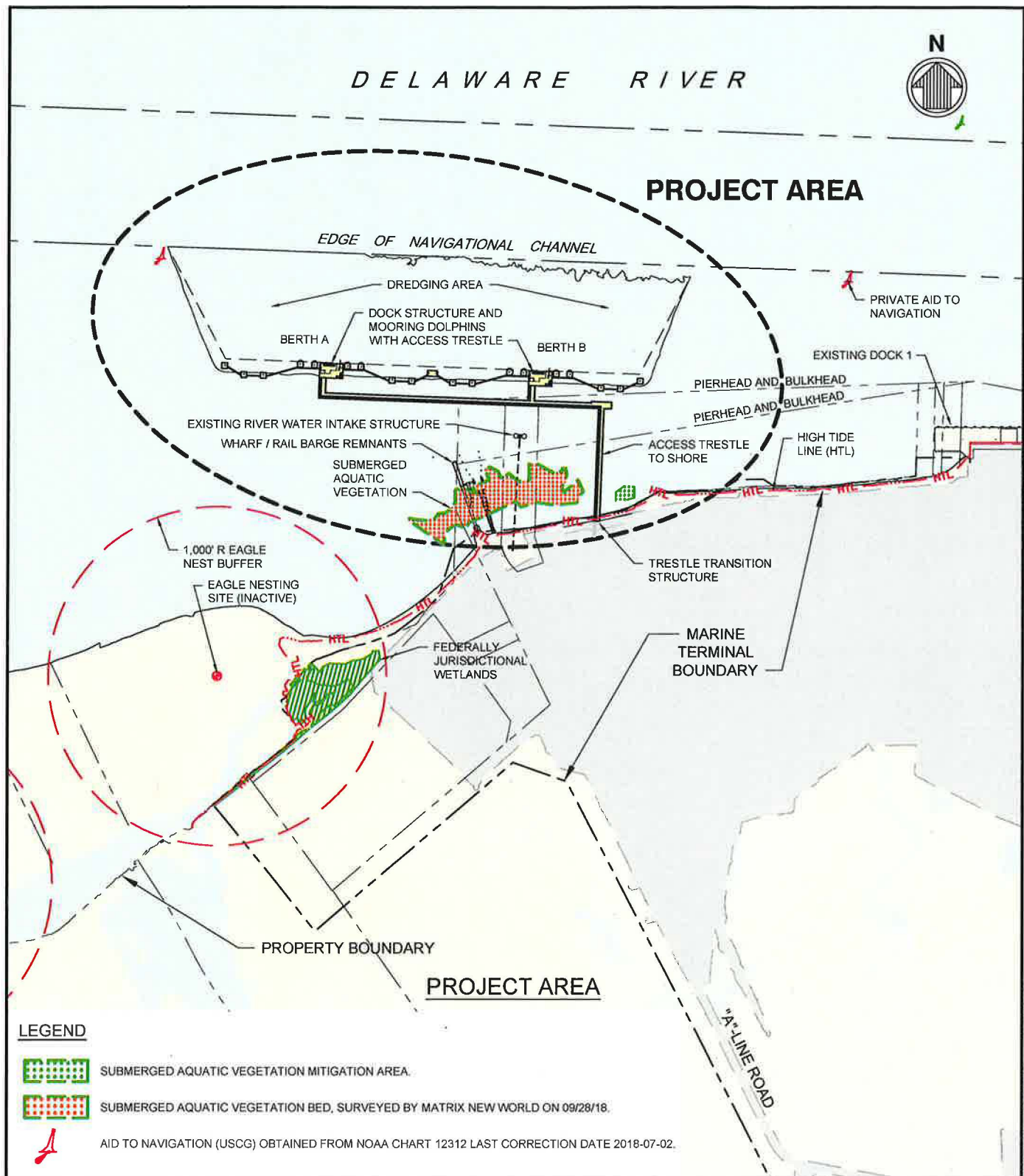


DRP GIBBSTOWN  
LOGISTICS CENTER  
DOCK 2

PROJECT LOCATION:  
DELAWARE RIVER  
GIBBSTOWN, GREENWICH TOWNSHIP, NEW JERSEY

DATE: MARCH 20, 2019  
REISSUE: AUGUST 16, 2019

SHEET 03 OF 20



**LEGEND**



SUBMERGED AQUATIC VEGETATION MITIGATION AREA.



SUBMERGED AQUATIC VEGETATION BED, SURVEYED BY MATRIX NEW WORLD ON 09/28/18.



AID TO NAVIGATION (USCG) OBTAINED FROM NOAA CHART 12312 LAST CORRECTION DATE 2018-07-02.

APPLICATION BY:  
DELAWARE RIVER PARTNERS LLC  
200 N REPAUNO AVENUE  
GIBBSTOWN, NEW JERSEY 08027

DRP GIBBSTOWN  
LOGISTICS CENTER  
DOCK 2

ENGINEER:



PROJECT LOCATION:  
DELAWARE RIVER  
GIBBSTOWN, GREENWICH TOWNSHIP, NEW JERSEY



SCALE: 1"=800'

DATE: FEBRUARY 22, 2019  
REISSUE: AUGUST 16, 2019

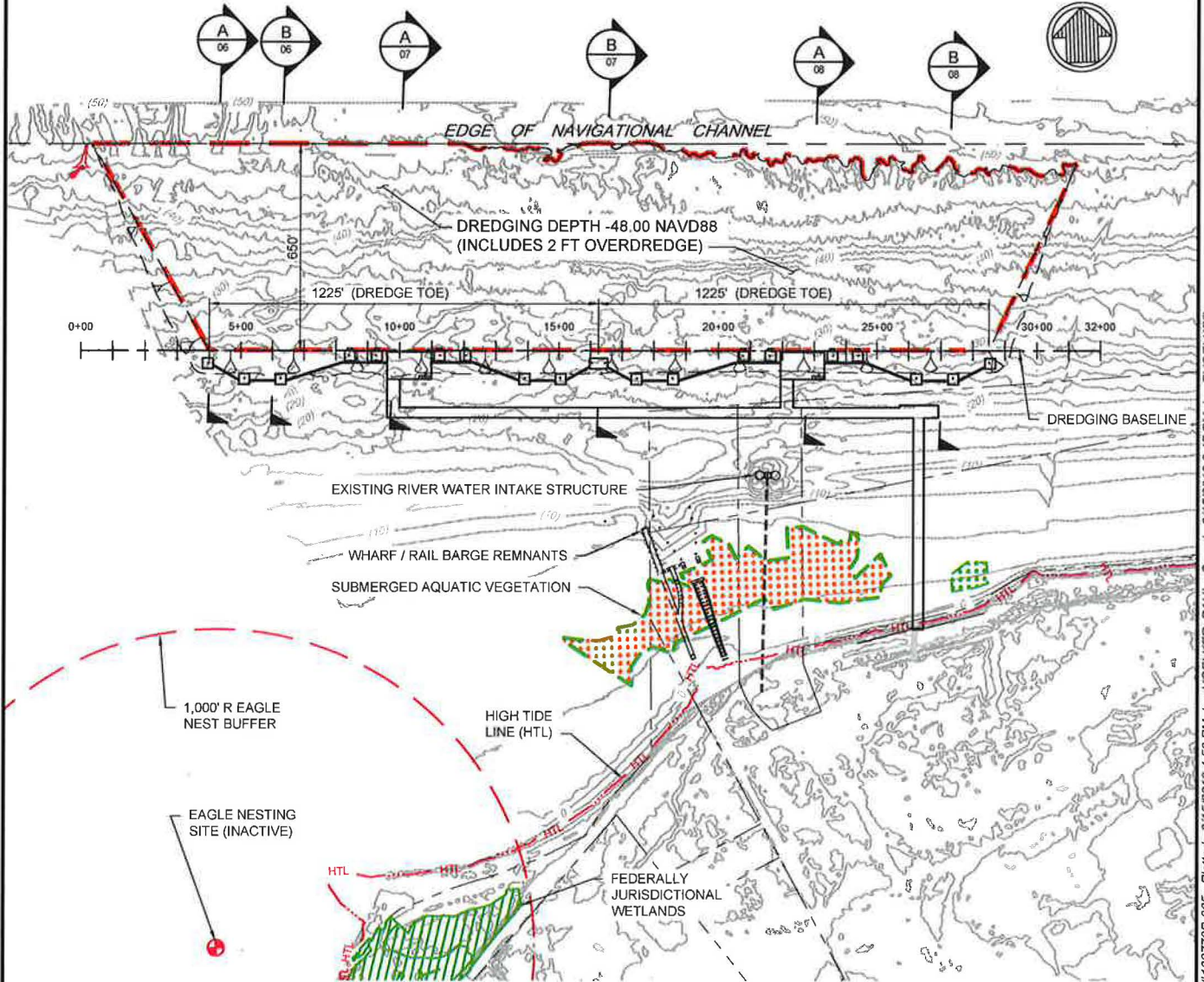
SHEET 04 OF 20

File: Q:\BAI\10377 DRP Energy\FD1500 CADD\ACTIVE\Permits\_USACE Dock21\_Sheet\Self103770P-004 - Plotted: 8/15/2019 4:58 PM by VOELKER, PAUL; Saved: 8/15/2019 2:47 PM by PVOELKER

E-4/



# DELAWARE RIVER



## PLAN - DREDGING

### LEGEND



NEW DREDGING AREA (39.56 AC).



SUBMERGED AQUATIC VEGETATION MITIGATION AREA.



SUBMERGED AQUATIC VEGETATION BED, SURVEYED BY MATRIX NEW WORLD ON 09/28/18.



AID TO NAVIGATION (USCG) OBTAINED FROM NOAA CHART 12312 LAST CORRECTION DATE 2018-07-02.

### NOTES:

1. DREDGING AREA MEASURED TO TOE OF SLOPE.
2. DREDGED SLOPE IS 3:1.

APPLICATION BY:  
DELAWARE RIVER PARTNERS LLC  
200 N REPAUNO AVENUE  
GIBBSTOWN, NEW JERSEY 08027

ENGINEER:



**moffatt & nichol**

DRP GIBBSTOWN  
LOGISTICS CENTER  
DOCK 2

PROJECT LOCATION:  
DELAWARE RIVER  
GIBBSTOWN, GREENWICH TOWNSHIP, NEW JERSEY

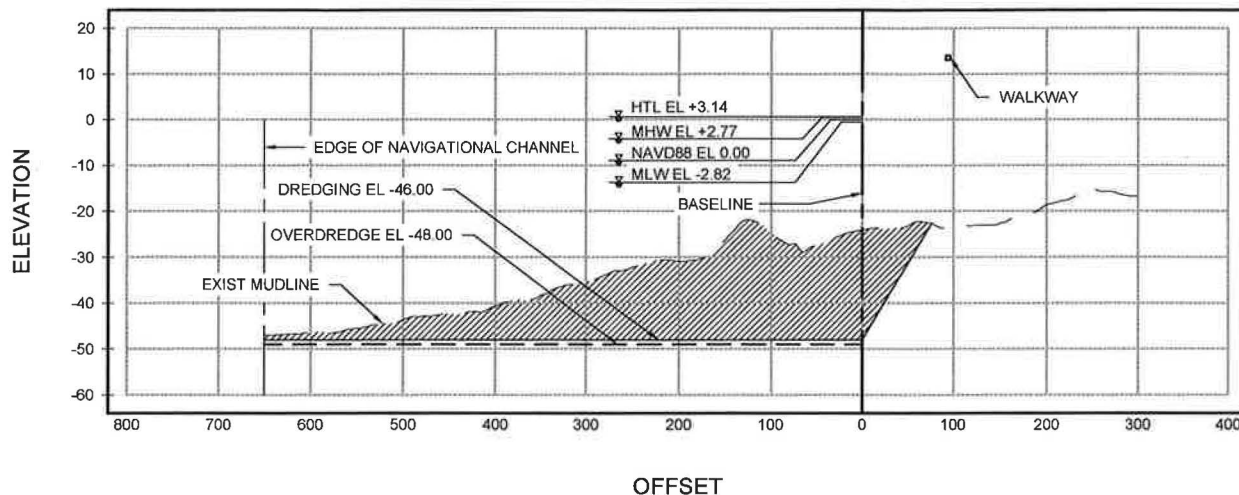
500' 0' 500' 1000'  
SCALE: 1"=500'

DATE: FEBRUARY 22, 2019  
REISSUE: AUGUST 16, 2019

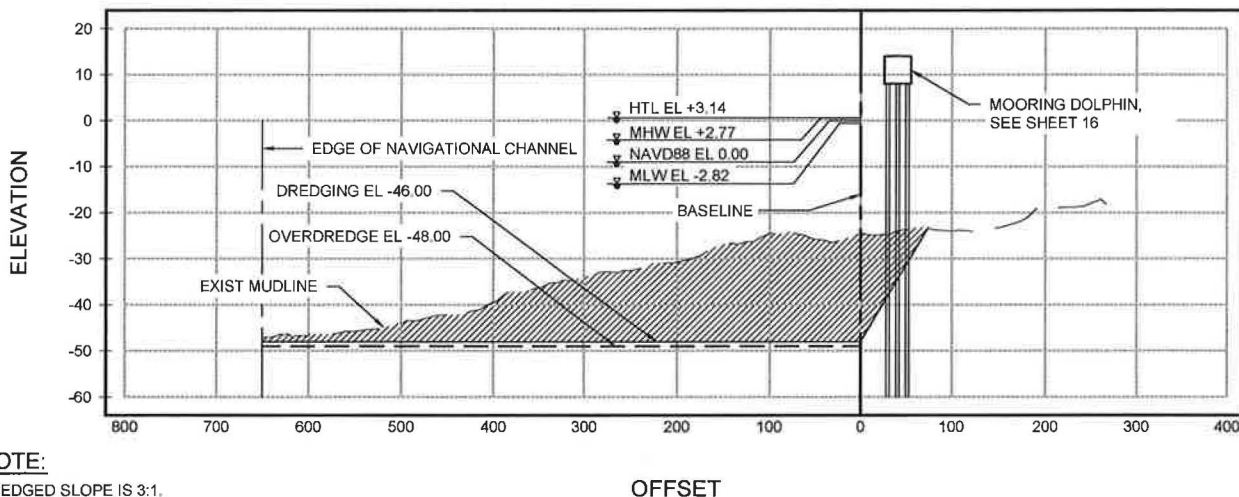
SHEET 05 OF 20

File: Q:\B4110377 DRP Energy\FD1500 CAD\1 ACTIVE\Permits\USACE Dock2\_SheetSet11037702-005; Plotted: 8/15/2019 4:59 PM by VOELKER, PAUL; Saved: 8/15/2019 2:47 PM by PVOELKER

E-5



**B** SECTION - DREDGING @ STA 6+00  
SCALE: 1"=200' H / 1"=40' V



**A** SECTION - DREDGING @ STA 4+00  
SCALE: 1"=200' H / 1"=40' V

**NOTE:**  
DREDGED SLOPE IS 3:1.

### SECTIONS - DREDGING SHEET 1 OF 3

APPLICATION BY:  
DELAWARE RIVER PARTNERS LLC  
200 N REPAUNO AVENUE  
GIBBSTOWN, NEW JERSEY 08027

ENGINEER:  
**moffatt & nichol**

DRP GIBBSTOWN  
LOGISTICS CENTER  
DOCK 2

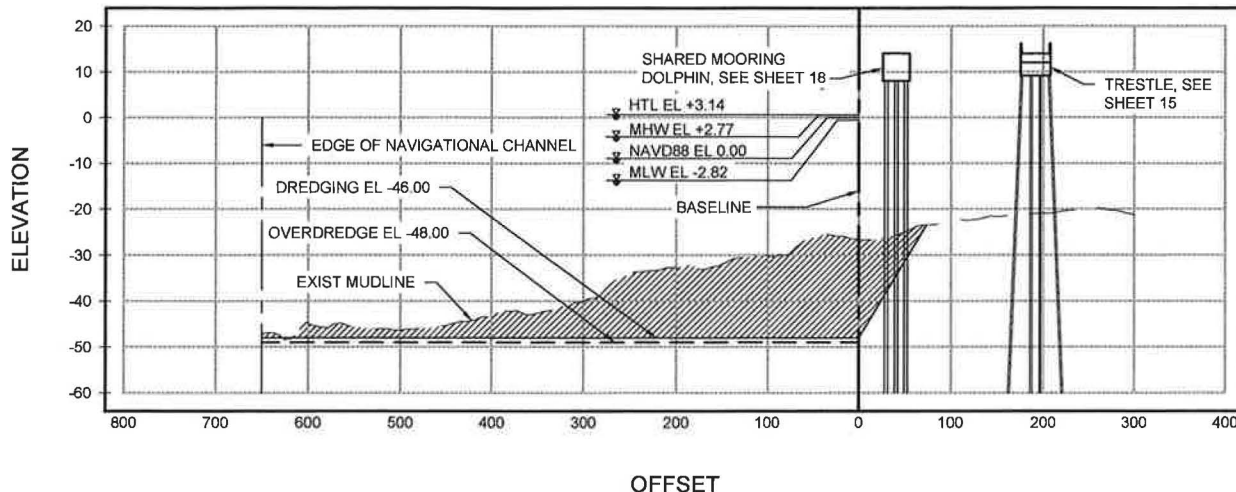
PROJECT LOCATION:  
DELAWARE RIVER  
GIBBSTOWN, GREENWICH TOWNSHIP, NEW JERSEY

200' 0' 200' 400'  
SCALE: 1"=200'  
40' 0' 40' 80'  
SCALE: 1"=40'

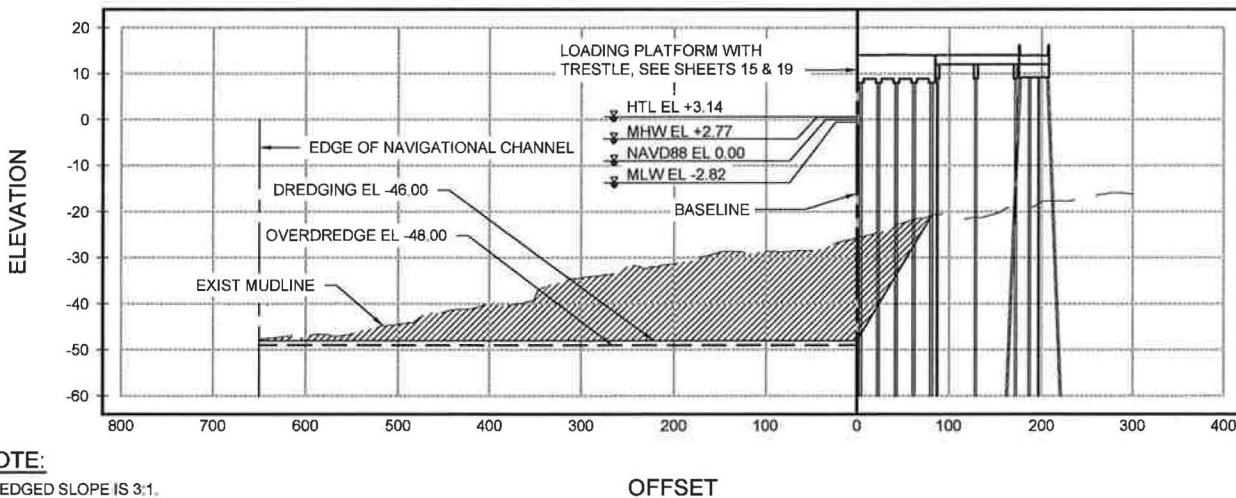
DATE: FEBRUARY 22, 2019  
REISSUE: AUGUST 16, 2019

SHEET 06 OF 20





**B**  
05 **SECTION - DREDGING @ STA 16+25**  
SCALE: 1"=200' H / 1"=40' V



**A**  
05 **SECTION - DREDGING @ STA 9+75**  
SCALE: 1"=200' H / 1"=40' V

### SECTIONS - DREDGING SHEET 2 OF 3

**NOTE:**  
DREDGED SLOPE IS 3:1.

APPLICATION BY:  
DELAWARE RIVER PARTNERS LLC  
200 N REPAUNO AVENUE  
GIBBSTOWN, NEW JERSEY 08027

ENGINEER:



DRP GIBBSTOWN  
LOGISTICS CENTER  
DOCK 2

PROJECT LOCATION:  
DELAWARE RIVER  
GIBBSTOWN, GREENWICH TOWNSHIP, NEW JERSEY

200' 0' 200' 400'

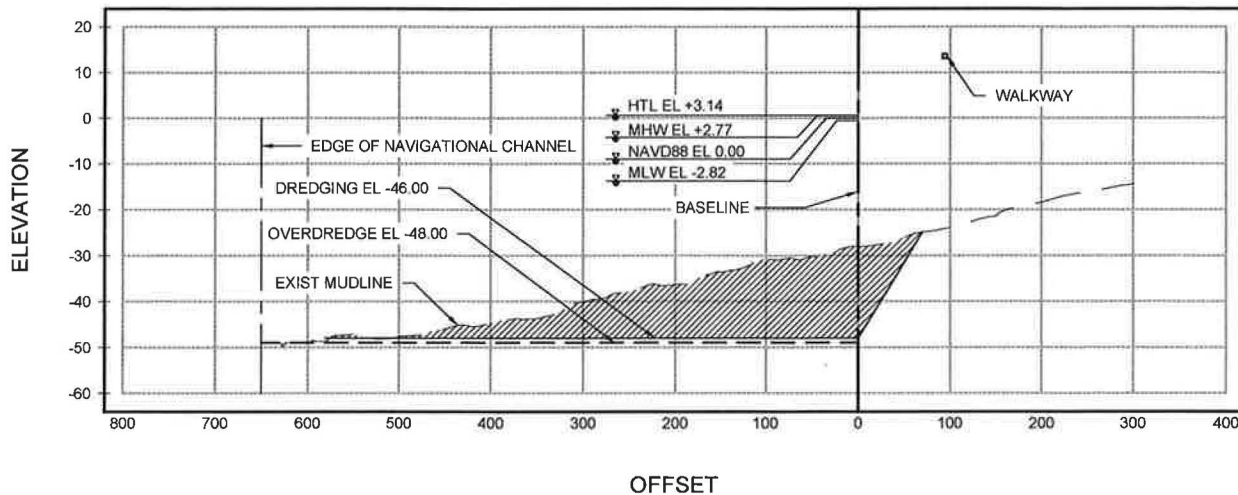
SCALE: 1"=200'

40' 0' 40' 80'

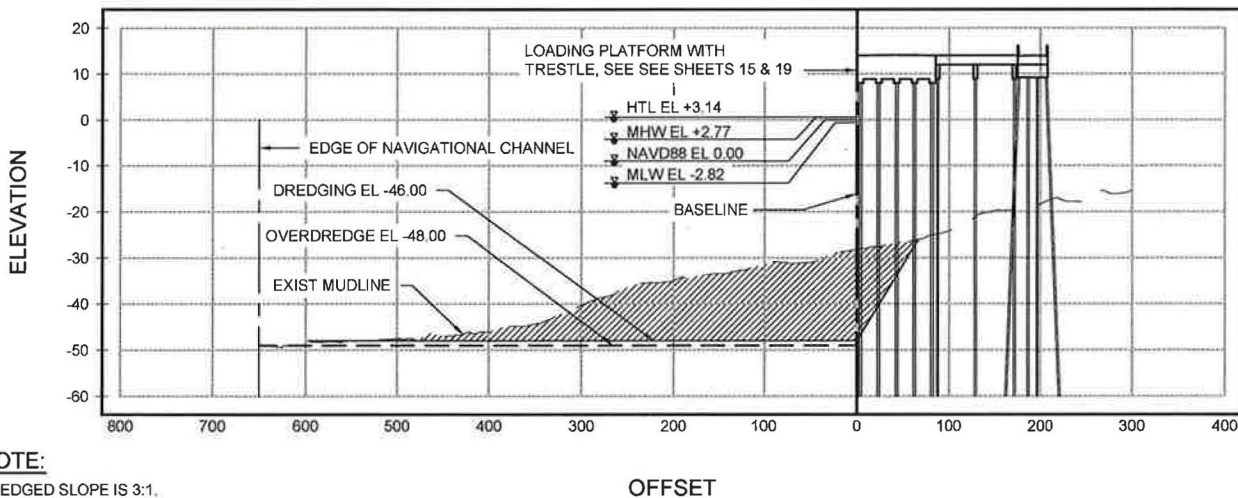
SCALE: 1"=40'

DATE: FEBRUARY 22, 2019  
REISSUE: AUGUST 16, 2019

SHEET 07 OF 20



**B**  
05 SECTION - DREDGING STA 27+00  
SCALE: 1"=200' H / 1"=40' V



**NOTE:**

DREDGED SLOPE IS 3:1.

**A**  
05 SECTION - DREDGING @ STA 22+75  
SCALE: 1"=200' H / 1"=40' V

**SECTIONS - DREDGING SHEET 3 OF 3**

APPLICATION BY:  
DELAWARE RIVER PARTNERS LLC  
200 N REPAUNO AVENUE  
GIBBSTOWN, NEW JERSEY 08027

ENGINEER:



DRP GIBBSTOWN  
LOGISTICS CENTER  
DOCK 2

PROJECT LOCATION:  
DELAWARE RIVER  
GIBBSTOWN, GREENWICH TOWNSHIP, NEW JERSEY



SCALE: 1"=200'



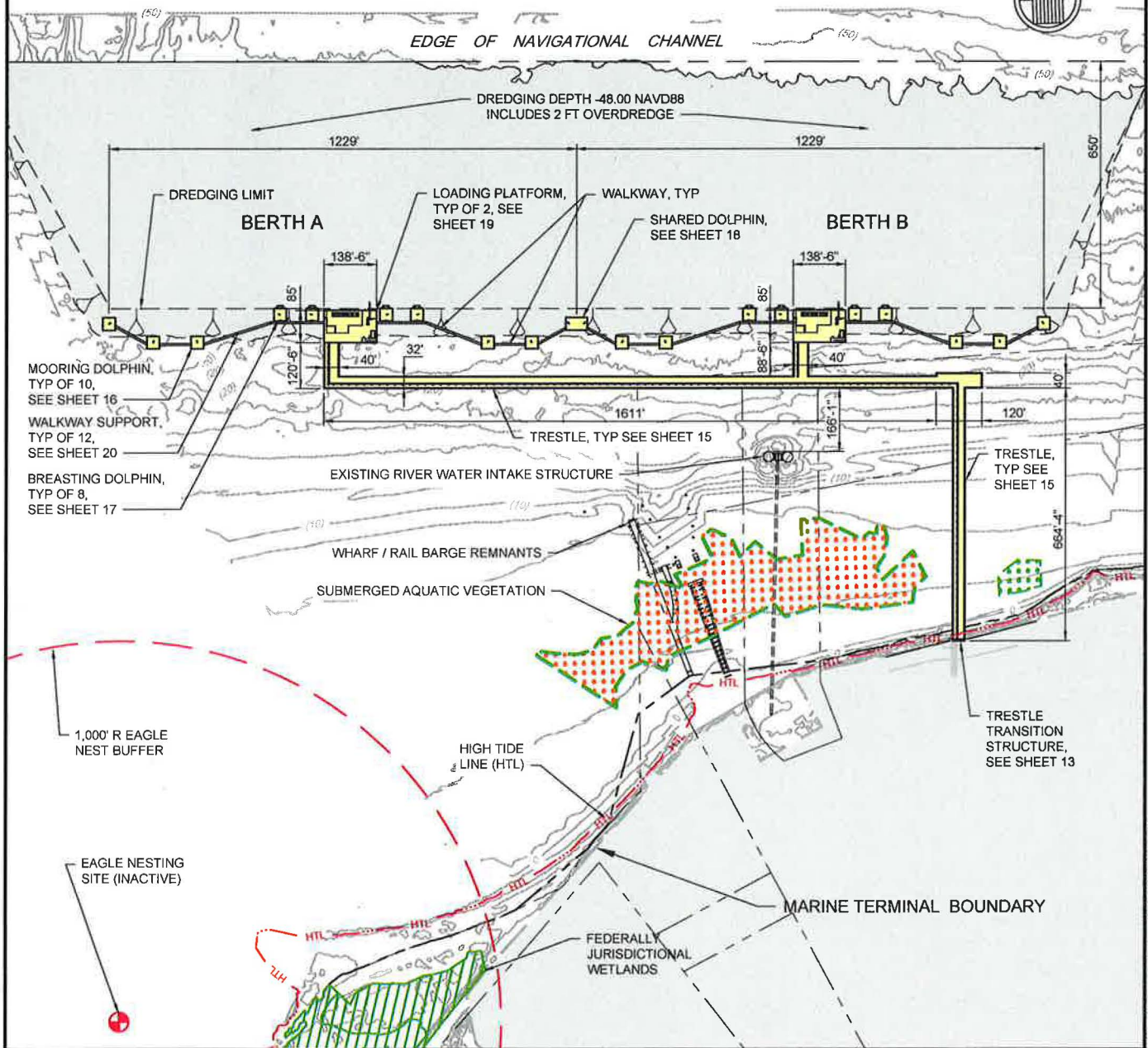
SCALE: 1"=40'

DATE: FEBRUARY 22, 2019  
REISSUE: AUGUST 16, 2019

SHEET 08 OF 20



# DELAWARE RIVER



**PLAN - GENERAL ARRANGEMENT BERTH A AND BERTH B**



SUBMERGED AQUATIC VEGETATION MITIGATION AREA.



SUBMERGED AQUATIC VEGETATION BED, SURVEYED BY MATRIX NEW WORLD ON 09/28/18.



AID TO NAVIGATION (USCG) OBTAINED FROM NOAA CHART 12312 LAST CORRECTION DATE 2018-07-02.

APPLICATION BY:  
DELAWARE RIVER PARTNERS LLC  
200 N REPAUNO AVENUE  
GIBBSTOWN, NEW JERSEY 08027

DRP GIBBSTOWN  
LOGISTICS CENTER  
DOCK 2

ENGINEER:



**moffatt & nichol**

PROJECT LOCATION:  
DELAWARE RIVER  
GIBBSTOWN, GREENWICH TOWNSHIP, NEW JERSEY



SCALE: 1"=400'

DATE: FEBRUARY 22, 2019  
REISSUE: AUGUST 16, 2019

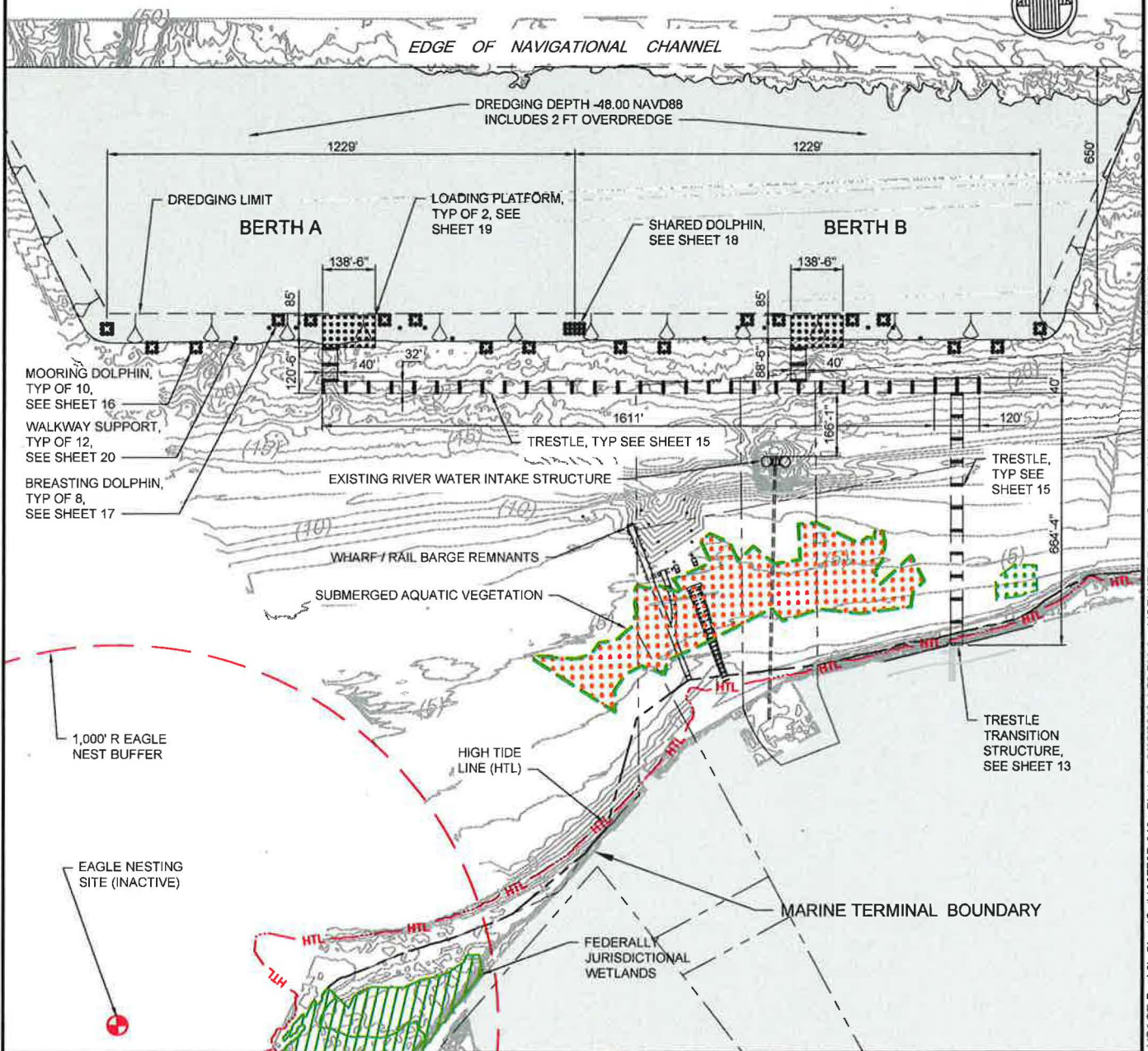
SHEET 09 OF 20

E-9

File: Q:\BA\103777 DRP Energy\FD\500 CADD\ACTIVE\Permits\_USACE Dock2\SheetSet\10377701-009 ; Plotted: 8/15/2019 4:59 PM by VOELKER, PAUL ; Saved: 8/15/2019 2:50 PM by PVOELKER



# DELAWARE RIVER



PLAN - PILE BERTH A AND BERTH B



SUBMERGED AQUATIC VEGETATION MITIGATION AREA.



SUBMERGED AQUATIC VEGETATION BED, SURVEYED BY MATRIX NEW WORLD ON 09/28/18.



AID TO NAVIGATION (USCG) OBTAINED FROM NOAA CHART 12312 LAST CORRECTION DATE 2018-07-02.

APPLICATION BY:  
DELAWARE RIVER PARTNERS LLC  
200 N REPAUNO AVENUE  
GIBBSTOWN, NEW JERSEY 08027

DRP GIBBSTOWN  
LOGISTICS CENTER  
DOCK 2

ENGINEER:



PROJECT LOCATION:  
DELAWARE RIVER  
GIBBSTOWN, GREENWICH TOWNSHIP, NEW JERSEY



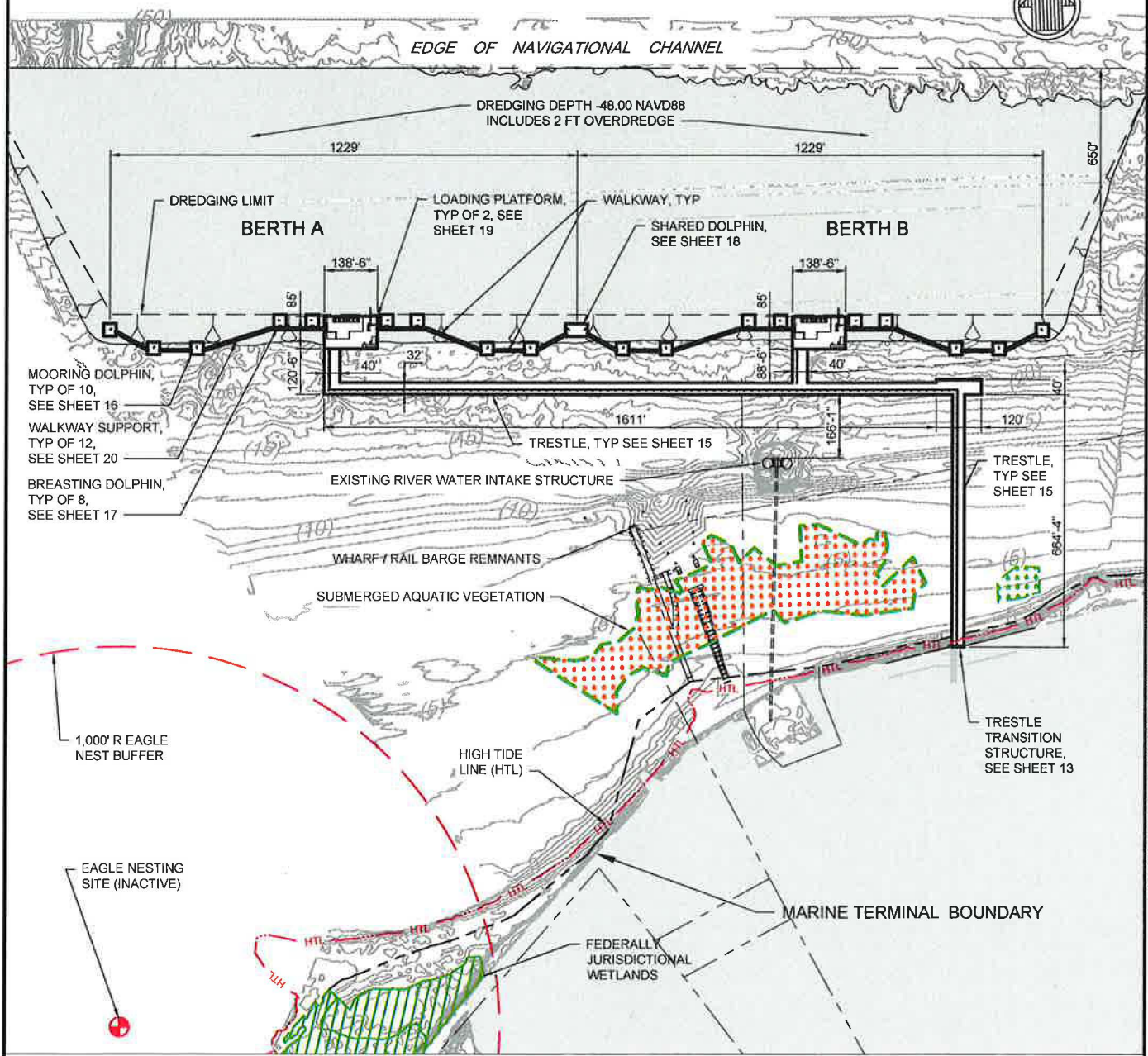
SCALE: 1"=400'

DATE: FEBRUARY 22, 2019  
REISSUE: AUGUST 16, 2019

SHEET 10 OF 20



# DELAWARE RIVER



PLAN - DECK BERTH A AND BERTH B



SUBMERGED AQUATIC VEGETATION MITIGATION AREA.



SUBMERGED AQUATIC VEGETATION BED, SURVEYED BY MATRIX NEW WORLD ON 09/28/18.



AID TO NAVIGATION (USCG) OBTAINED FROM NOAA CHART 12312 LAST CORRECTION DATE 2018-07-02.

APPLICATION BY:  
DELAWARE RIVER PARTNERS LLC  
200 N REPAUNO AVENUE  
GIBBSTOWN, NEW JERSEY 08027

ENGINEER:



DRP GIBBSTOWN  
LOGISTICS CENTER  
DOCK 2

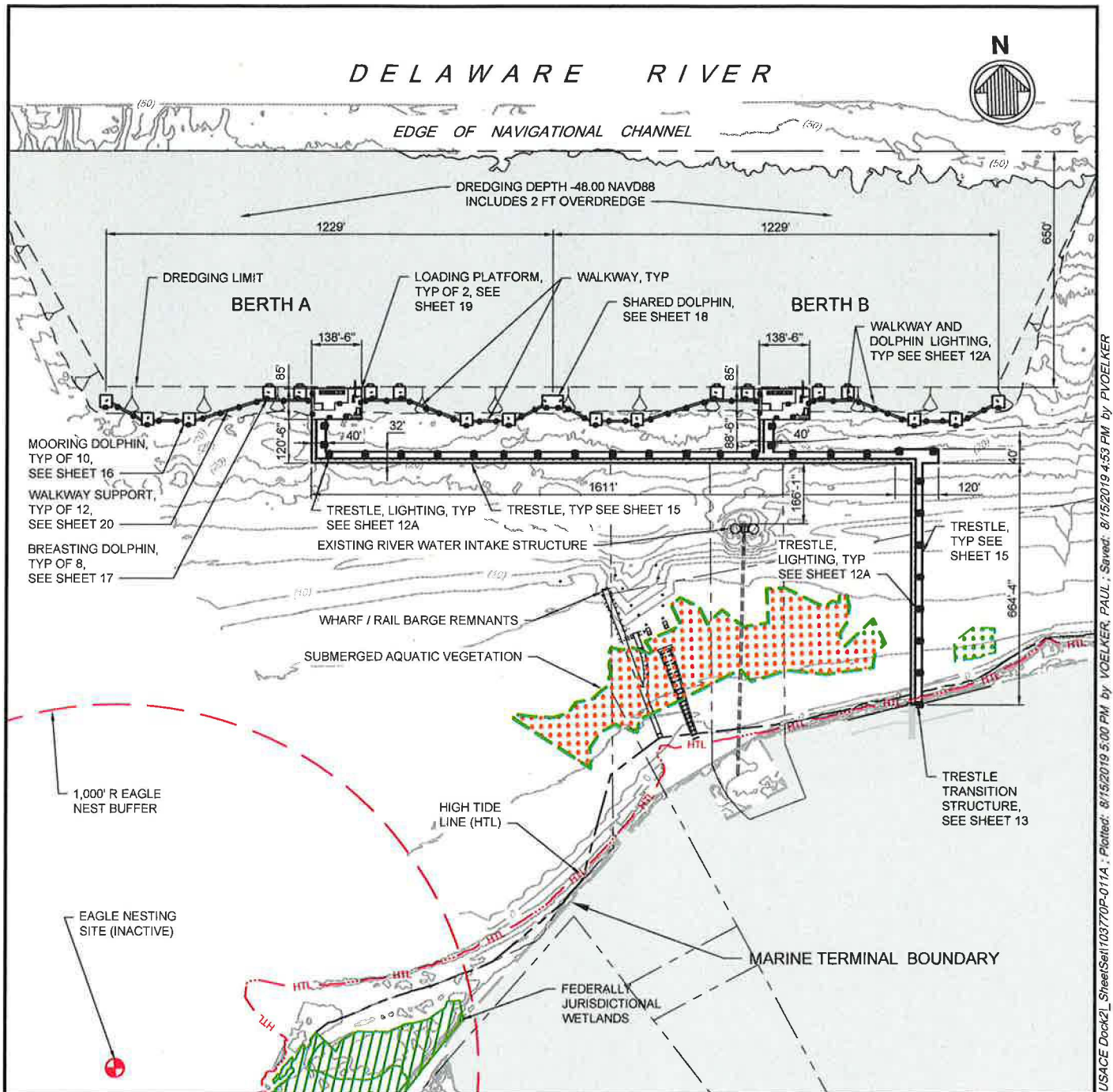
PROJECT LOCATION:  
DELAWARE RIVER  
GIBBSTOWN, GREENWICH TOWNSHIP, NEW JERSEY



DATE: FEBRUARY 22, 2019  
REISSUE: AUGUST 16, 2019

SHEET 11 OF 20

File: Q:\BA\103777 DRP Energy\FD1500 CADD\ACTIVE\Permis\USACE Dock2\SheetSet\10377701-P-011; Plotted: 8/15/2019 5:00 PM by VOELKER, PAUL; Saved: 8/15/2019 3:15 PM by PVOELKER



### PLAN - LIGHTING GENERAL ARRANGEMENT BERTH A AND BERTH B



SUBMERGED AQUATIC VEGETATION MITIGATION AREA.



SUBMERGED AQUATIC VEGETATION BED, SURVEYED BY MATRIX NEW WORLD ON 09/28/18.



AID TO NAVIGATION (USCG) OBTAINED FROM NOAA CHART 12312 LAST CORRECTION DATE 2018-07-02.

APPLICATION BY:  
DELAWARE RIVER PARTNERS LLC  
200 N REPAUNO AVENUE  
GIBBSTOWN, NEW JERSEY 08027

DRP GIBBSTOWN  
LOGISTICS CENTER  
DOCK 2

ENGINEER:



PROJECT LOCATION:  
DELAWARE RIVER  
GIBBSTOWN, GREENWICH TOWNSHIP, NEW JERSEY



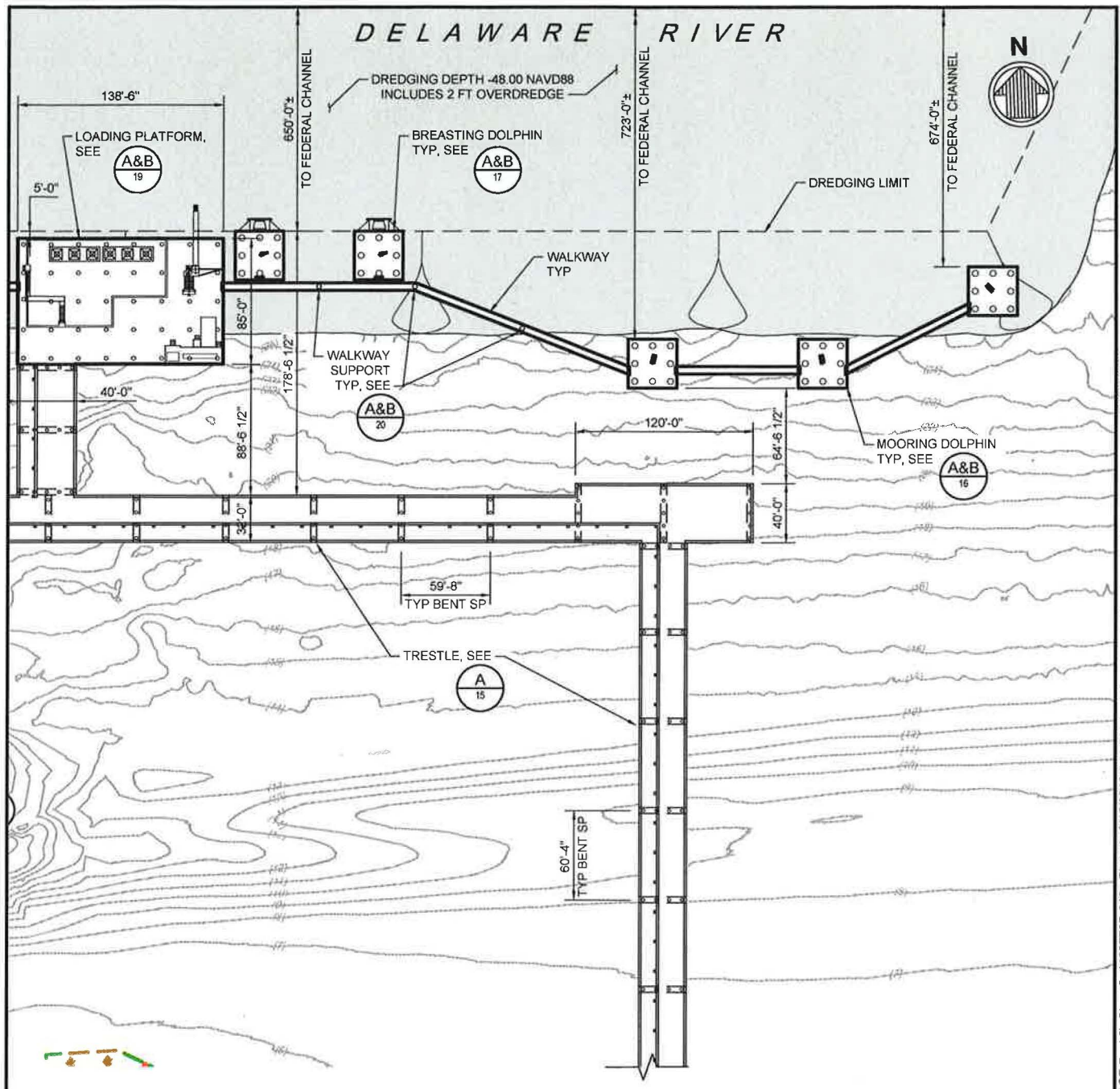
SCALE: 1"=400'

DATE: MARCH 20, 2019  
REISSUE: AUGUST 16, 2019

SHEET 11A OF 20

File: Q:\BAI\10377 DRP Energy\FD1500 CADD\ACTIVE\Permits\USACE Dock2\_Sheet11A.dwg, Plotted: 8/15/2019 5:00 PM by VOELKER, PAUL; Saved: 8/15/2019 4:53 PM by PVOELKER





**PLAN - ENLARGED  
BERTH A AND BERTH B**

APPLICATION BY:  
DELAWARE RIVER PARTNERS LLC  
200 N REPAUNO AVENUE  
GIBBSTOWN, NEW JERSEY 08027

DRP GIBBSTOWN  
LOGISTICS CENTER  
DOCK 2



ENGINEER:

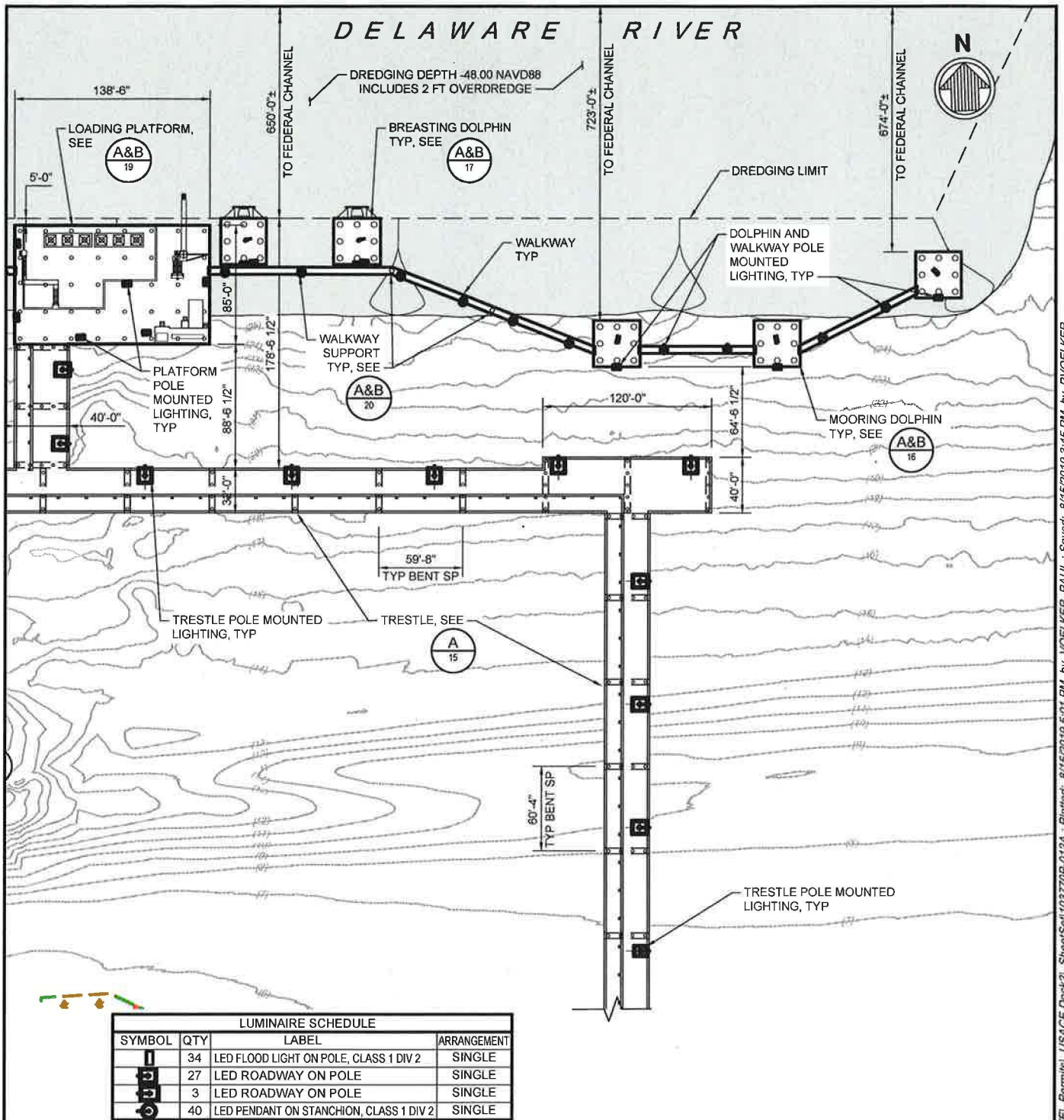


PROJECT LOCATION:  
DELAWARE RIVER  
GIBBSTOWN, GREENWICH TOWNSHIP, NEW JERSEY

DATE: FEBRUARY 22, 2019  
REISSUE: AUGUST 16, 2019

SHEET 12 OF 20

File: Q:\BA1103777 DRP Energy FDI500 CADD\ACTIVE\Permits\USACE Dock21\_SheetSet\103770P-012 ; Plotted: 8/15/2019 5:00 PM by VOELKER, PAUL ; Saved: 8/15/2019 3:30 PM by PVOELKER



### PLAN - ENLARGED LIGHTING BERTH A AND BERTH B

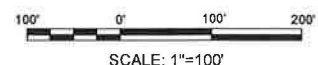
APPLICATION BY:  
DELAWARE RIVER PARTNERS LLC  
200 N REPAUNO AVENUE  
GIBBSTOWN, NEW JERSEY 08027

ENGINEER:



DRP GIBBSTOWN  
LOGISTICS CENTER  
DOCK 2

PROJECT LOCATION:  
DELAWARE RIVER  
GIBBSTOWN, GREENWICH TOWNSHIP, NEW JERSEY



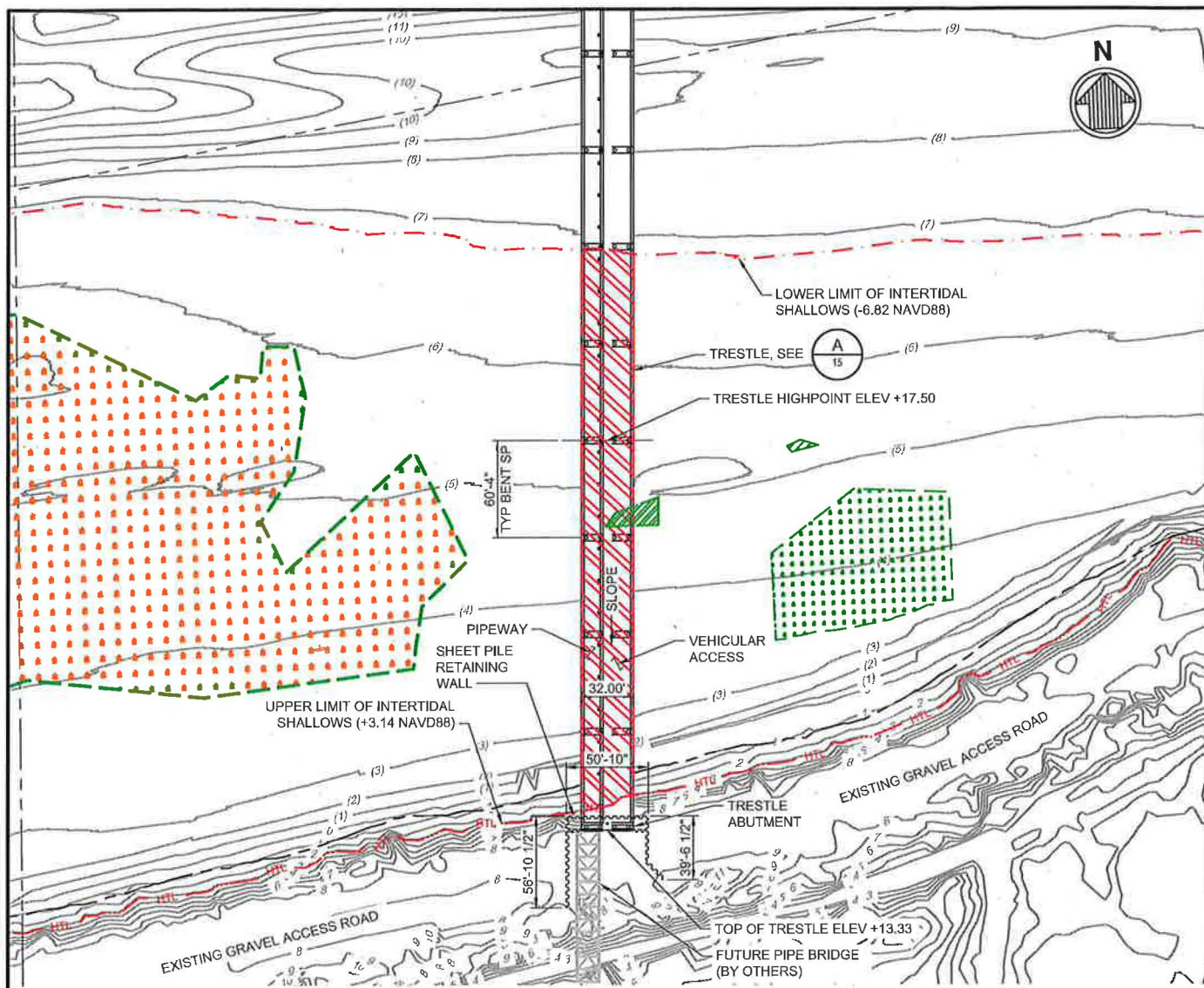
DATE: MARCH 20, 2019  
REISSUE: AUGUST 16, 2019

SHEET 12A OF 20

File: Q:\BA103777 DRP Energy FD1500 CADD\ACTIVE\Permits\USACE Dock2\_SheetSet1037770P-Q12A\_Plot.dwg, Plotted: 8/15/2019 5:01 PM by VOELKER, PAUL; Saved: 8/15/2019 3:45 PM by PVOELKER

E-14





# **PLAN - LANDSIDE TRANSITION BERTH A AND BERTH B**

## **LEGEND**

-  AREA OF TRESTLE IN INTERTIDAL/SUBTIDAL SHALLOWS (0.25 AC)
-  SUBMERGED AQUATIC VEGETATION MITIGATION AREA.
-  SUBMERGED AQUATIC VEGETATION BED, SURVEYED BY MATRIX NEW WORLD ON 09/28/18.
-  REMAINING SUBMERGED AQUATIC VEGETATION BED AFTER TRANSPLANTING BY MATRIX NEW WORLD ON 08/06/19.
-  SUBMERGED AQUATIC VEGETATION TRANSPLANT AREA 08/06/19.

APPLICATION BY:  
DELAWARE RIVER PARTNERS LLC  
200 N REPAUNO AVENUE  
GIBBSTOWN, NEW JERSEY 08027

**DRP GIBBSTOWN  
LOGISTICS CENTER  
DOCK 2**

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

ENGINEER:



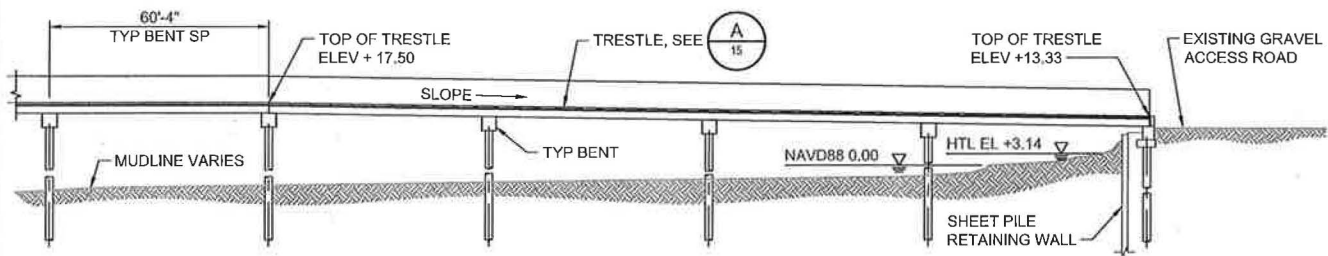
PROJECT LOCATION:  
DELAWARE RIVER  
GIBBSTOWN, GREENWICH TOWNSHIP, NEW JERSEY

DATE: FEBRUARY 22, 2019  
REISSUE: DECEMBER 02, 2019

SHEET 13 OF 20

File: Q:\BA1103777 DRP Energy FDI500 CADD\ACTIVE\Permits\USACE Dock2\_SheetSet\103770P-013 : Plotted: 12/2/2019 5:32 PM by VOELKER, PAUL ; Saved: 12/2/2019 5:32 PM by PVOELKER

*E-15*



SECTION - LANDSIDE TRANSITION  
BERTH A AND BERTH B

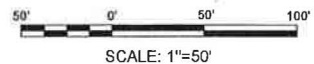
APPLICATION BY:  
DELAWARE RIVER PARTNERS LLC  
200 N REPAUNO AVENUE  
GIBBSTOWN, NEW JERSEY 08027

ENGINEER:



DRP GIBBSTOWN  
LOGISTICS CENTER  
DOCK 2

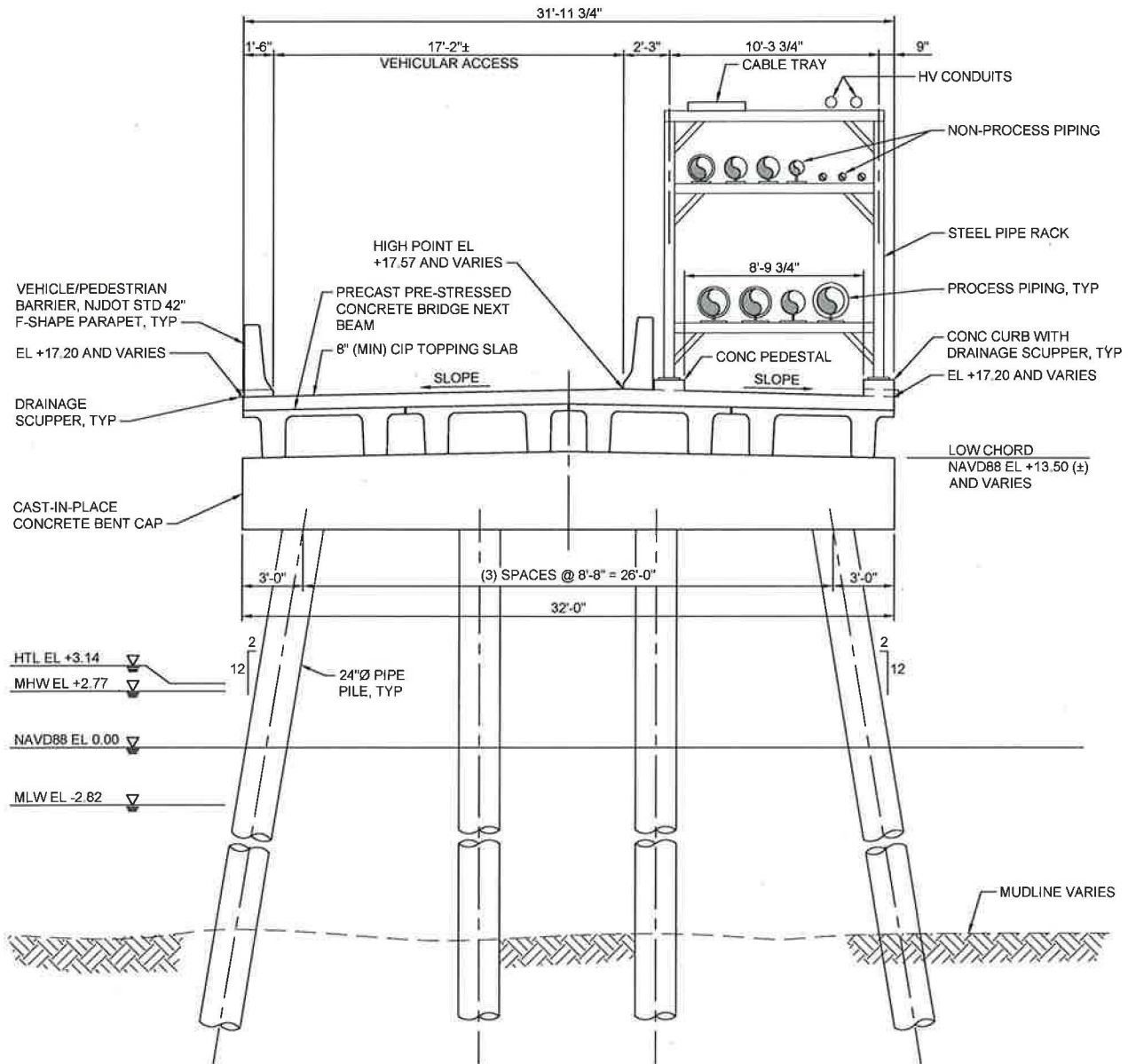
PROJECT LOCATION:  
DELAWARE RIVER  
GIBBSTOWN, GREENWICH TOWNSHIP, NEW JERSEY



DATE: FEBRUARY 22, 2019  
REISSUE: DECEMBER 02, 2019

SHEET 14 OF 20

E-16



### SECTION - TYPICAL TRESTLE

APPLICATION BY:  
DELAWARE RIVER PARTNERS LLC  
200 N REPAUNO AVENUE  
GIBBSTOWN, NEW JERSEY 08027

ENGINEER:



DRP GIBBSTOWN  
LOGISTICS CENTER  
DOCK 2

PROJECT LOCATION:  
DELAWARE RIVER  
GIBBSTOWN, GREENWICH TOWNSHIP, NEW JERSEY

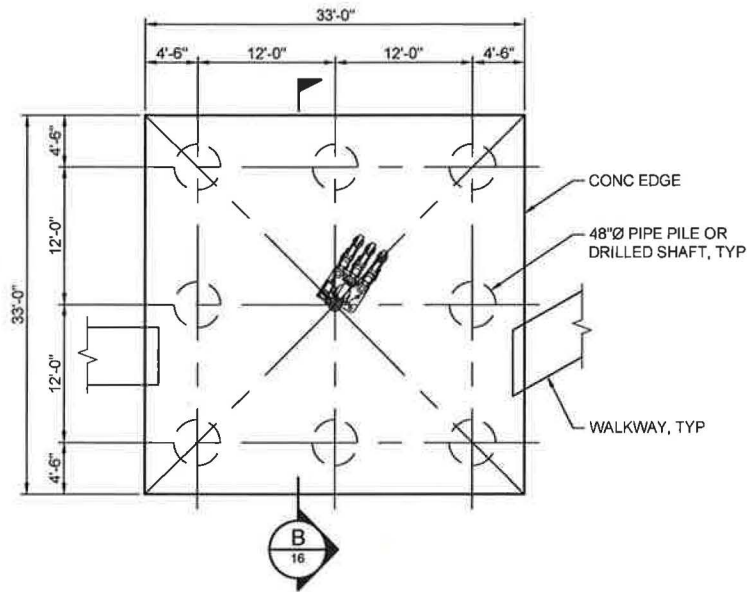
DATE: FEBRUARY 22, 2019  
REISSUE: AUGUST 16, 2019

SHEET 15 OF 20

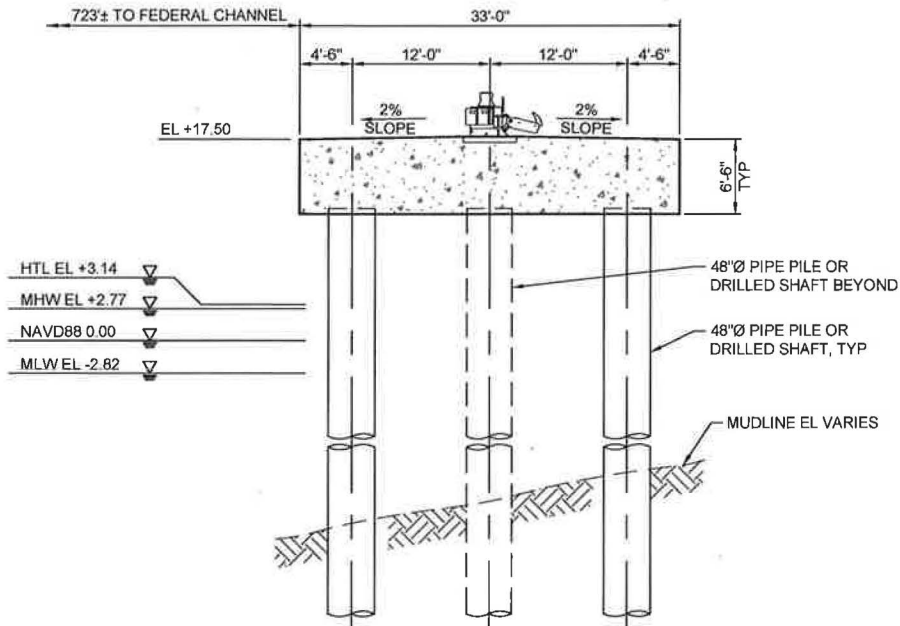
File: Q:\BAI10377 DRP Energy FDI500 CADD\ACTIVE\Permits\USACE Dock2\_SheetSet103770P-015 : Plotted: 8/15/2019 5:01 PM by: VOELKER, PAUL : Saved: 8/15/2019 4:57 PM by: PVOELKER

E-17





**A TOP PLAN - TYPICAL MOORING DOLPHIN**  
SCALE: 1/16"=1'-0"



**B SECTION - TYPICAL MOORING DOLPHIN**  
SCALE: 1/16"=1'-0"

APPLICATION BY:  
DELAWARE RIVER PARTNERS LLC  
200 N REPAUNO AVENUE  
GIBBSTOWN, NEW JERSEY 08027

ENGINEER:



DRP GIBBSTOWN  
LOGISTICS CENTER  
DOCK 2

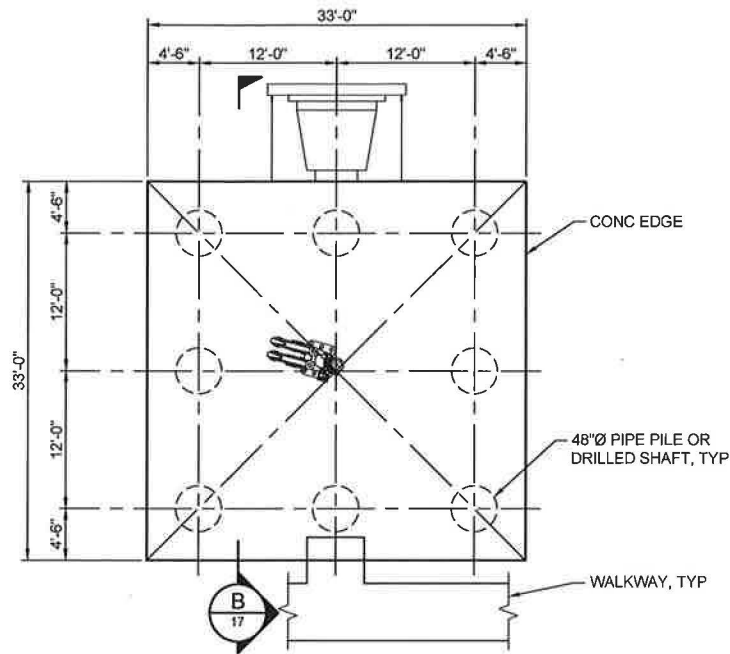
PROJECT LOCATION:  
DELAWARE RIVER  
GIBBSTOWN, GREENWICH TOWNSHIP, NEW JERSEY

DATE: FEBRUARY 22, 2019  
REISSUE: AUGUST 16, 2019

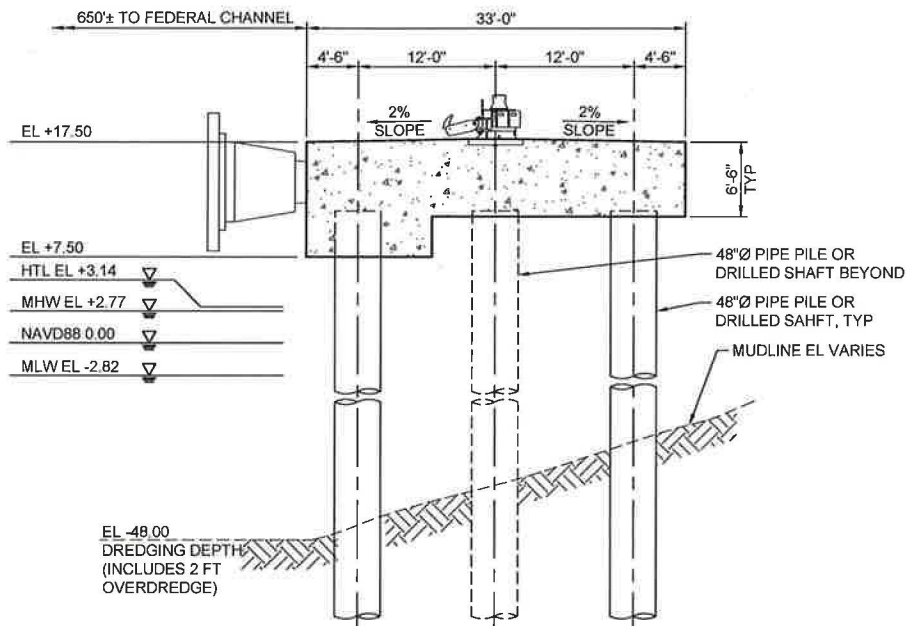
SHEET 16 OF 20

File: Q:\BAI\10377 DRP Energy\FD1500 CADD\ACTIVE\Permits\_USACE Dock2\_SheetSet\103770P-016\_Plot.dwg, Plotted: 8/15/2019 5:01 PM by: VOELKER, PAUL; Saved: 8/15/2019 4:29 PM by: PIVOELKER

E-18



**A TOP PLAN - TYPICAL BREASTING DOLPHIN**  
SCALE: 1/16"=1'-0"



**B SECTION - TYPICAL BREASTING DOLPHIN**  
SCALE: 1/16"=1'-0"

APPLICATION BY:  
DELAWARE RIVER PARTNERS LLC  
200 N REPAUNO AVENUE  
GIBBSTOWN, NEW JERSEY 08027

ENGINEER:



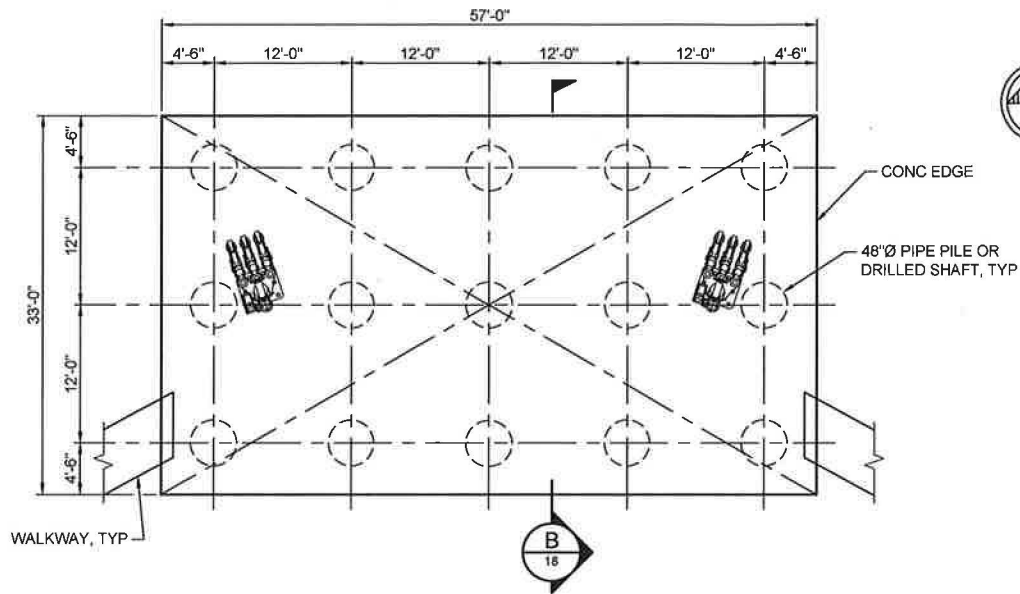
DRP GIBBSTOWN  
LOGISTICS CENTER  
DOCK 2

PROJECT LOCATION:  
DELAWARE RIVER  
GIBBSTOWN, GREENWICH TOWNSHIP, NEW JERSEY

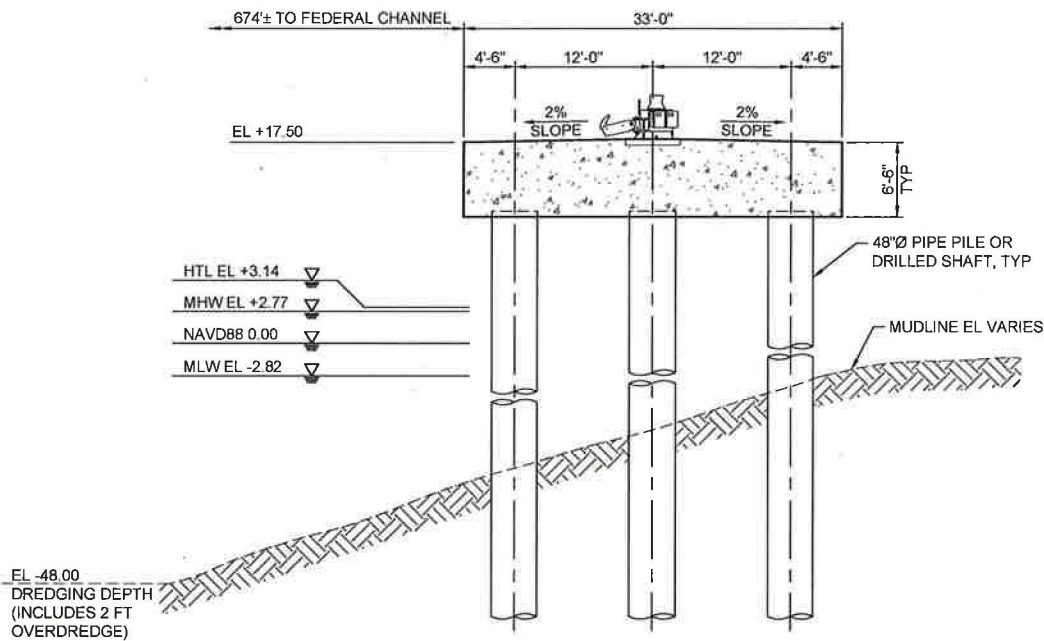
DATE: FEBRUARY 22, 2019  
REISSUE: AUGUST 16, 2019

SHEET 17 OF 20

File: Q:\BA\10377 DRP Energy FDI500 CADD\ACTIVE\Permits\_USACE Dock2\_SheetSet\103770P-017 - Plotted: 8/15/2019 5:02 PM by VOELKER, PAUL; Saved: 8/15/2019 4:27 PM by PVOELKER



**A TOP PLAN - SHARED DOLPHIN**  
SCALE: 1/16"=1'-0"



**B SECTION - SHARED DOLPHIN**  
SCALE: 1/16"=1'-0"

APPLICATION BY:  
DELAWARE RIVER PARTNERS LLC  
200 N REPAUNO AVENUE  
GIBBSTOWN, NEW JERSEY 08027

ENGINEER:



DRP GIBBSTOWN  
LOGISTICS CENTER  
DOCK 2

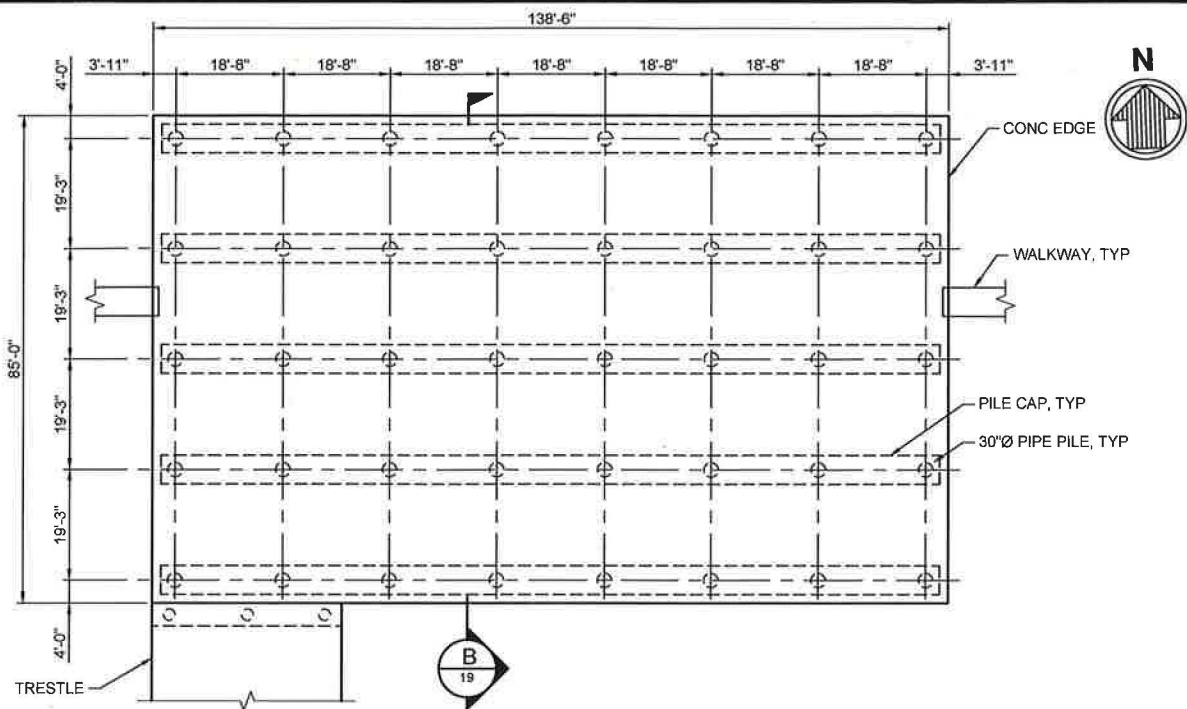
PROJECT LOCATION:  
DELAWARE RIVER  
GIBBSTOWN, GREENWICH TOWNSHIP, NEW JERSEY

DATE: FEBRUARY 22, 2019  
REISSUE: AUGUST 16, 2019

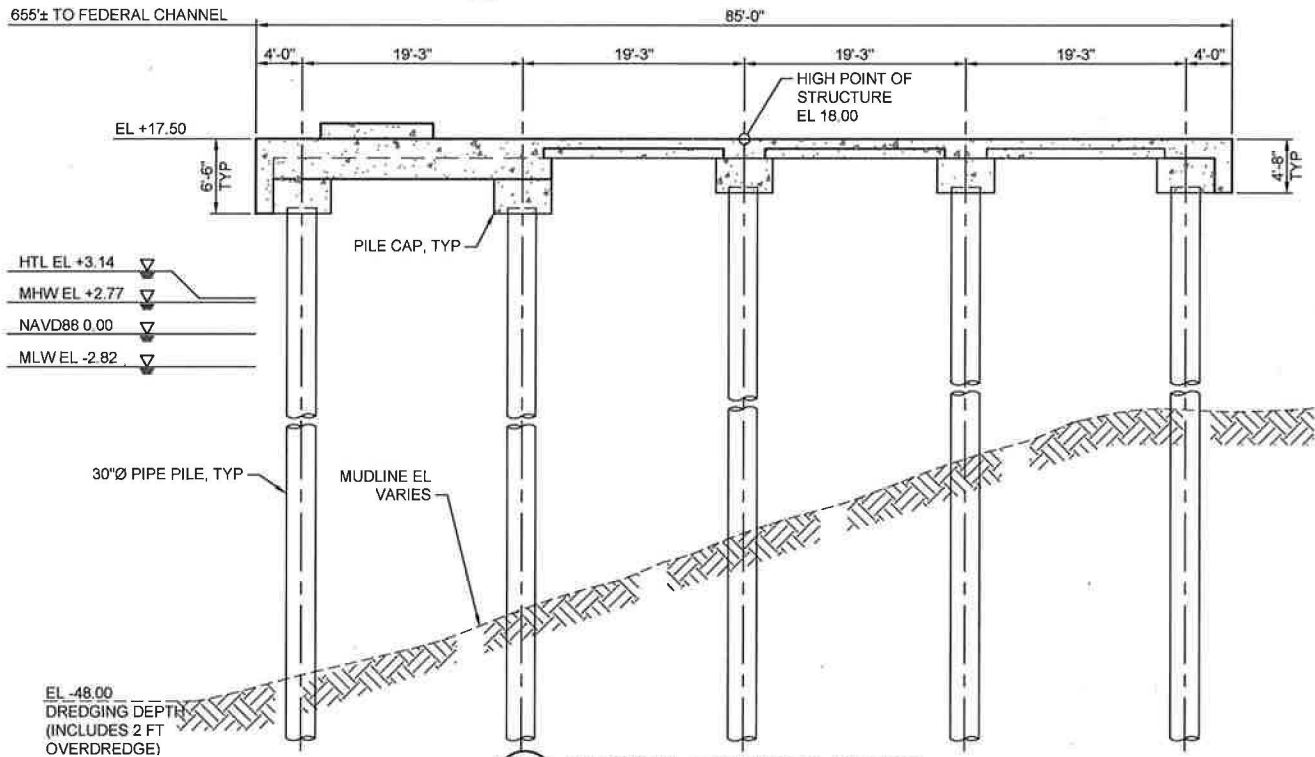
SHEET 18 OF 20

File: Q:\BA1\0377 DRP Energy\_FDI500 CADD\ACTIVE\Permis\_USACE Dock2\SheetSet10370P-018 - Plotted: 8/15/2019 5:02 PM by VOELKER, PAUL ; Saved: 8/15/2019 4:28 PM by PVOELKER

E-20



**A TOP PLAN - LOADING PLATFORM**  
SCALE: 1/32"=1'-0"



**B SECTION - LOADING PLATFORM**  
SCALE: 1/16"=1'-0"

APPLICATION BY:  
DELAWARE RIVER PARTNERS LLC  
200 N REPAUNO AVENUE  
GIBBSTOWN, NEW JERSEY 08027

ENGINEER:



DRP GIBBSTOWN  
LOGISTICS CENTER  
DOCK 2

PROJECT LOCATION:  
DELAWARE RIVER  
GIBBSTOWN, GREENWICH TOWNSHIP, NEW JERSEY

DATE: FEBRUARY 22, 2019  
REISSUE: AUGUST 16, 2019

SHEET 19 OF 20

File: Q:\B110377 DRP Energy FDI600 CADD\ACTIVE\Permits\_USACE Dock2\_SheetSet\103770P-019\_Plot.dwg, Plotted: 8/15/2019 5:02 PM by VOELKER, PAUL, Saved: 8/15/2019 4:54 PM by PVOELKER

E-21







This notice of authorization must be  
conspicuously displayed at the site of work.

United States Army Corps of Engineers

FEB 25 2020

construct a second dock structure, with associated walkways and  
dolphins that would handle bulk liquid petroleum products  
A permit to  
at Block 8, Lots 2, 3, 4, 4.01 and 4.02, Greenwich Township, Gloucester County, NJ

has been issued to Delaware River Partners, LLC on FEB 25 2020

Address of Permittee 1345 Avenues of the Americas New York, New York

Permit Number

CENAP-OP-R-2016-0181-39

Edward E. Bonner  
Chief, Regulatory Branch

**District Commander**

for: David C. Park  
Lieutenant Colonel, US Army  
District Commander

ENG FORM 4336, Jul 81 (ER 1145-2-303) EDITION OF JUL 70 MAY BE USED

(Proponent: DAEN-CWO)

NOTIFICATION/CERTIFICATION OF WORK COMMENCEMENT FORM

Permit Number: CENAP-OP-R-2016-0181-39  
State Permit #: 0807-06-0002.1, CZM 160004  
Name of Permittee: Delaware River Partners, LLC  
Project Name: Delaware River Partners DRP Gibbstown Logistics Center  
Waterway: Delaware River  
County: Gloucester State: New Jersey  
Compensation/Mitigation Work Required: Yes ☐ No ☒

TO: U.S. Army Corps of Engineers, Philadelphia District  
Wanamaker Building - 100 Penn Square East  
Philadelphia, Pennsylvania 19107-3390  
Attention: CENAP-OP-R

I have received authorization to: construct a dock to handle bulk liquid products at a site located at Block 8, Lots 4 and 4.02, Greenwich Township, Gloucester County, New Jersey.

The work will be performed by:

Name of Person or Firm \_\_\_\_\_

Address: \_\_\_\_\_

I hereby certify that I have reviewed the approved plans, have read the terms and conditions of the above referenced permit, and shall perform the authorized work in strict accordance with the permit document. The authorized work will begin on or about \_\_\_\_\_ and should be completed on or about \_\_\_\_\_.

Please note that the permitted activity is subject to compliance inspections by the Army Corps of Engineers. If you fail to return this notification form or fail to comply with the terms or conditions of the permit, you are subject to permit suspension, modification, revocation, and/or penalties.

\_\_\_\_\_  
Permittee (Signature and Date)

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Contractor (Signature and Date)

\_\_\_\_\_  
Telephone Number

NOTE: This form shall be completed/signed and returned to the Philadelphia District Office a minimum of 10 days prior to commencing work.

NOTIFICATION/CERTIFICATION OF WORK COMPLETION/COMPLIANCE FORM

Permit Number: CENAP-OP-R-2016-0181-39  
State Permit #: 0807-06-0002.1, CZM 160004  
Name of Permittee: Delaware River Partners, LLC  
Name of Contractor: \_\_\_\_\_  
Project Name: Delaware River Partners DRP Gibbstown Logistics Center  
County: Gloucester State: New Jersey  
Waterway: Delaware River

Within 10 days of completion of the activity authorized by this permit, please sign this certification and return it to the following address:

U.S. Army Corps of Engineers, Philadelphia District  
Wanamaker Building - 100 Penn Square East  
Philadelphia, Pennsylvania 19107-3390  
Attention: CENAP-OP-R

Please note that the permitted activity is subject to a compliance inspection by an Army Corps of Engineers representative. If you fail to return this notification form or fail to perform work in compliance with the permit, you are subject to administrative, civil and/or criminal penalties. Further, the subject permit may be suspended or revoked.

The authorized work was commenced on \_\_\_\_\_.

The authorized work was completed on \_\_\_\_\_.

I hereby certify that the work authorized by the above referenced permit has been completed in accordance with the terms and conditions of the above noted permit.

\_\_\_\_\_  
Signature of Contractor

\_\_\_\_\_  
Signature of Permittee

Address: \_\_\_\_\_  
\_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Telephone Number: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

For project located in areas identified as shellfish habitat, you must include with this form a bill of lading; sales order or any other document(s) demonstrating non-polluting materials were purchased and utilized for your project. I hereby certify that I and/or my contractor have utilized non-polluting materials as defined in the above noted permit.

\_\_\_\_\_  
Signature of Contractor

\_\_\_\_\_  
Signature of Permittee