



May 2, 2024

ATTN: Miles Simmons
Maryland Department of the Environment
Wetland and Waterways Program
Regulatory Services Coordination Office
1800 Washington Boulevard
Baltimore, Maryland 21230

RE: Joint Permit Application (JPA) Tidal Wetlands License Application No 23-WL-0813
US Wind, Inc.
Operations & Maintenance Facility – Pier and Bulkhead Installation
Worcester County, MD

Dear Mr. Simmons,

As we previously discussed with your office on April 30, based upon further engineering site investigations conducted in March 2024, US Wind, Inc. (US Wind), is proposing to revise its plans for the proposed Operations and Maintenance (O&M) Facility, in support of its Maryland Offshore Wind Project (Project), to accurately reflect the existing site conditions and proposed improvements. A revised JPA Form is included as Attachment 1. Revisions include updating the size and location of the existing and proposed bulkhead and fixed wharf. US Wind seeks to incorporate these proposed pier and bulkhead revisions into the JPA, currently in review with the Maryland Department of the Environment, which are further described below.

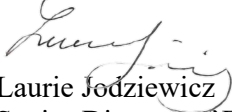
Engineering site investigations, conducted during low tide in March 2024 and reported to US Wind in April 2024, identified that the western portion of the waterfront (Section B-B on the Impact Plates), which was previously assumed to be bulkhead, is instead comprised of various configurations and vintages of fixed pile-supported wharf. The investigation revealed a combination of materials including concrete block, riprap, wood, vinyl bulkheads, steel/wood piles, timber decking with concrete deck overlay, pile caps, and timber stringers. Photographs taken during the site investigation have been included as Attachment 3.

Based on these existing site conditions, US Wind is proposing to replace Section B-B with a uniform steel sheet pile and concrete cap bulkhead 18 inches beyond the existing bulkhead at the western end of the property and replace the existing fixed wharf with a new steel pile supported wharf with a timber fender system. Revised Impact Plates are included as Attachment 2. The bulkhead renovation work will improve conditions by upgrading the bulkhead material to prevent collapse under the concrete decking and across the O&M Facility property. The revised design will not result in increased encroachment within the U.S. Army Corps of Engineers (USACE) federal channel.

If you should have any questions or need additional information, please contact me at (410) 340-9428 or L.jodziewicz@uswindinc.com, Todd Sumner at (443) 240-2824 or t.sumner@uswindinc.com, or Megan Welling at (667) 219-3914 or

mawelling@mccormicktaylor.com. We thank you for your consideration concerning this project.

Sincerely,



Laurie Jodziewicz
Senior Director of Environmental Affairs
US Wind, Inc

CC: Erica Schmidt, USACE
Todd Sumner, US Wind
Ben Cooper, US Wind
Megan Welling, McCormick Taylor

Attachment 1 – Revised JPA Form

FOR AGENCY USE ONLY	ABBREVIATED JOINT FEDERAL / STATE APPLICATION FOR THE ALTERATION OF ANY TIDAL WETLAND AND/OR TIDAL WATERS IN MARYLAND	MDE Permit #:	
		Tracking #:	
MDSPGP Category:	<input type="checkbox"/> Major <input type="checkbox"/> Minor <input type="checkbox"/> 240-day <input type="checkbox"/> 90-Day <input type="checkbox"/> MHT <input type="checkbox"/> WHD <input type="checkbox"/> PN	MDE AI #:	
This abbreviated application should only be used for projects that are eligible for federal authorization under the Maryland State Programmatic General Permit (MDSPPG).		MDE Reviewer:	County:

Pre-Application Meeting Held? <input checked="" type="checkbox"/> with MDE <input checked="" type="checkbox"/> with USACE	AI# (if given):	*MAILING INSTRUCTIONS LOCATED ON 2 ND PAGE OF THIS APPLICATION*
Reviewer's Name(s): Miles Simmons (MDE), Erica Schmidt (USACE)		

Applying for:	<input checked="" type="checkbox"/> Authorization <input type="checkbox"/> Modification	MDE APPLICATION REVIEW FEE REQUIRED: PLEASE REFER TO THE MDE WEBSITE: http://mde.maryland.gov/programs/Water/WetlandsandWaterways/Documents/FeeSchedule.pdf
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(Applicant will be copied on all correspondence, unless they opt out, BY INITIAL AND SIGNATURE, in Section 12)

1. APPLICANT INFORMATION: (Please note that the applicant is not the contractor/agent applying on behalf of a riparian property owner)

Name: US Wind (c/o Jeffrey Grybowski, Chief Executive Officer) Home Telephone: 410-727-4020

Address: 401 East Pratt Street, Suite 1810 Email Address: j.grybowski@uswindinc.com

City: Baltimore State: MD Zip: 21202

2. RIPARIAN PROPERTY OWNER INFORMATION: (If different from the Applicant)

Name: See Attachment A Home Telephone: _____

Address: _____ Email Address: _____

City: _____ State: _____ Zip: _____

3. AUTHORIZED AGENT / PRINCIPAL CONTACT INFORMATION:

Name: McCormick Taylor (c/o Megan Welling) Telephone: 667-219-3914

Address: 1501 South Clinton Street, Suite 1150 Email Address: mawelling@mccormicktaylor.com

City: Baltimore State: MD Zip: 21224

4. CONTRACTOR INFORMATION (If currently unknown, required to be provided to MDE's Tidal Wetland Division prior to construction of project)

Company Name: _____

Principal Contact: _____ Email Address: _____

5. PROJECT DESCRIPTION: (Attach additional pages if necessary)

See Attachment A

6. PROJECT PURPOSE: (Check all that apply)

<input type="checkbox"/> Improve Navigable Access	<input type="checkbox"/> Shore Erosion Control	<input type="checkbox"/> Fill
<input type="checkbox"/> Beach Nourishment	<input type="checkbox"/> Create/Improve Habitat	<input type="checkbox"/> Erosion/Sediment Control
<input checked="" type="checkbox"/> Create/Improve Infrastructure	<input type="checkbox"/> Utility Installation	<input type="checkbox"/> Residential/Commercial Development
<input type="checkbox"/> Other: (describe) _____		

7. PROJECT LOCATION: (If project site has no address, please include the lot # and/or nearest address with a clear description of the site)

County: Worcester Name of Waterway: Sinepuxent Bay

Site Address or Location: 12929 Harbor Rd and 12933 Harbor Rd, Ocean City, MD

Latitude: 38.326630 Longitude: -75.102690

Directions from nearest intersection of two state roads: From the intersection of MD-611 (Stephen Decatur Hwy) and US-50 (Ocean Gateway), head east on US-50 for 0.4 mi, turn right onto Golf Course Rd and follow for 0.7 mi, then turn left onto Harbor Rd

8. FEDERALLY AUTHORIZED CIVIL WORKS PROJECTS: Is the project located in, on, or adjacent to a U.S. Army Corps of Engineers' federally authorized civil works project, structure, property, or easement (e.g., federal navigation channel, flood control levees, dams and reservoirs, lake property, etc.)? Yes No

If yes, has a review pursuant to 33 U.S.C. 408 (Section 408) been initiated? Yes No

9. VERIFICATIONS:

a) Best Management Practices: I verify that my project will meet all Endangered Species Act Best Management Practices applicable to work in tidal waters and wetlands as required by the MDSPPG (see Section VII.B.4.c.i-iii).
 Yes No Unknown Refer to the application instructions and the MDSPPG for additional information regarding these Best Management Practices.

b) Property Restrictions: Is the proposed work located in an area encumbered by an existing site protection instrument such as a conservation easement, deed restriction, or declaration of restrictive covenants required as a condition of a prior U.S. Army Corps of Engineers', Maryland Department of the Environment, or Environmental Protection Agency
 Yes No Unknown

10. TYPE OF PROJECT (check all that apply and provide all applicable information):

This abbreviated application should only be used for projects that are eligible for federal authorization under the Maryland State Programmatic General Permit (MDSPGP). Please refer to the MDSPGP for eligible activities.

Work Proposed	Overall Length	Average Width	Volume of Fill Material	Total Area Impacted (Sq. Ft.)		Maximum Distance Channelward from Mean High Water Line (Ft.)	New Work	Maintenance /Repair	Work Started/ Completed
	(Ft.)	(Ft.)	(cu. yards.)	Permanent	Temporary				
<input checked="" type="checkbox"/> Bulkhead	383	1.5		575		1.5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> *
<input type="checkbox"/> Revetment							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> *
<input type="checkbox"/> Breakwater							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> *
<input type="checkbox"/> Groins, Jetties, or Low Profile Sill							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> *
<input type="checkbox"/> Living Shoreline (vegetated area)							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> *
<input checked="" type="checkbox"/> Pier	353	30		8,756		30	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> *
<input type="checkbox"/> Finger Pier							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> *
<input type="checkbox"/> Platform							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> *
<input type="checkbox"/> Pile(s) (#:) <input type="checkbox"/> Osprey Pole							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> *
<input type="checkbox"/> Boat Lift (including support piles)							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> *
<input type="checkbox"/> Boat Ramp							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> *
<input type="checkbox"/> Utility Line							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> *
<input type="checkbox"/> Construction Access/Mats							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> *
<input type="checkbox"/> Dredging (Maintenance or New Minor)							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> *
<input type="checkbox"/> Hydraulic / <input type="checkbox"/> Mechanical							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> *
<input type="checkbox"/> Other:							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> *

***For any work started or completed, please clearly and accurately depict those portions of the project on the plans**

11. DESCRIPTION OF AVOIDANCE, MINIMIZATION, AND COMPENSATION: Please be advised that unavoidable losses of tidal wetlands and/or aquatic resources may require compensatory mitigation. Please provide a separate sheet(s) that addresses the proposed project's avoidance, minimization, and compensation (if required) which includes any clearing, grading, or excavation required before, during, and after the proposed project.

12. STATE CERTIFICATION AND FEDERAL PRIVACY ACT STATEMENT:

Application is hereby made for a permit or permits to authorize the work described in this application. I hereby designate and authorize the agent named above to act on my behalf in the processing of this application and to furnish any information that is requested. I certify that the information on this form and on the attached plans and specifications is true and accurate to the best of my knowledge and belief. I understand that any of the agencies involved in authorizing the proposed works may request information in addition to that set forth herein as may be deemed appropriate in considering this proposal. I grant permission to the agencies responsible for authorization of this work, or their duly authorized representative, to enter the project site for inspection purposes during working hours. I will abide by the conditions of all permit(s) or license(s) if issued and will not begin work without the appropriate authorization. I also certify that the proposed works are consistent with Maryland's Coastal Zone Management Plan.

Authorities: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413; Regulatory Programs of the Corps of Engineers, 33 CFR 320-332. Principal Purpose: Information provided on this JPA will be used in evaluating the application for a permit. Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of a public notice. Submission of requested information is voluntary, however, if information is not provided, the permit application cannot be evaluated nor can a permit be issued.

All information, including permit applications and related materials, submitted to MDE may be subject to public disclosure consistent with the Maryland Public Information Act, §4-101 *et seq.*, General Provisions Article of the Maryland Code.

I am the riparian property owner/applicant and do not want to be contacted by MDE. All correspondence should occur with my authorized agent /principal contact designated in Section 3, located on the 1st page of this application. (By initializing the box, you are acknowledging that you will not receive any correspondence directly from MDE). I understand a copy of MDE's final decision regarding this application will be sent to me. This opt-out option does not apply to the U.S. Army Corps' correspondence, which will continue to be with the applicant/permittee.

RIPARIAN PROPERTY OWNER MUST SIGN: **See Attached Alternative Signatures Forms** **Date:** _____

IMPORTANT:

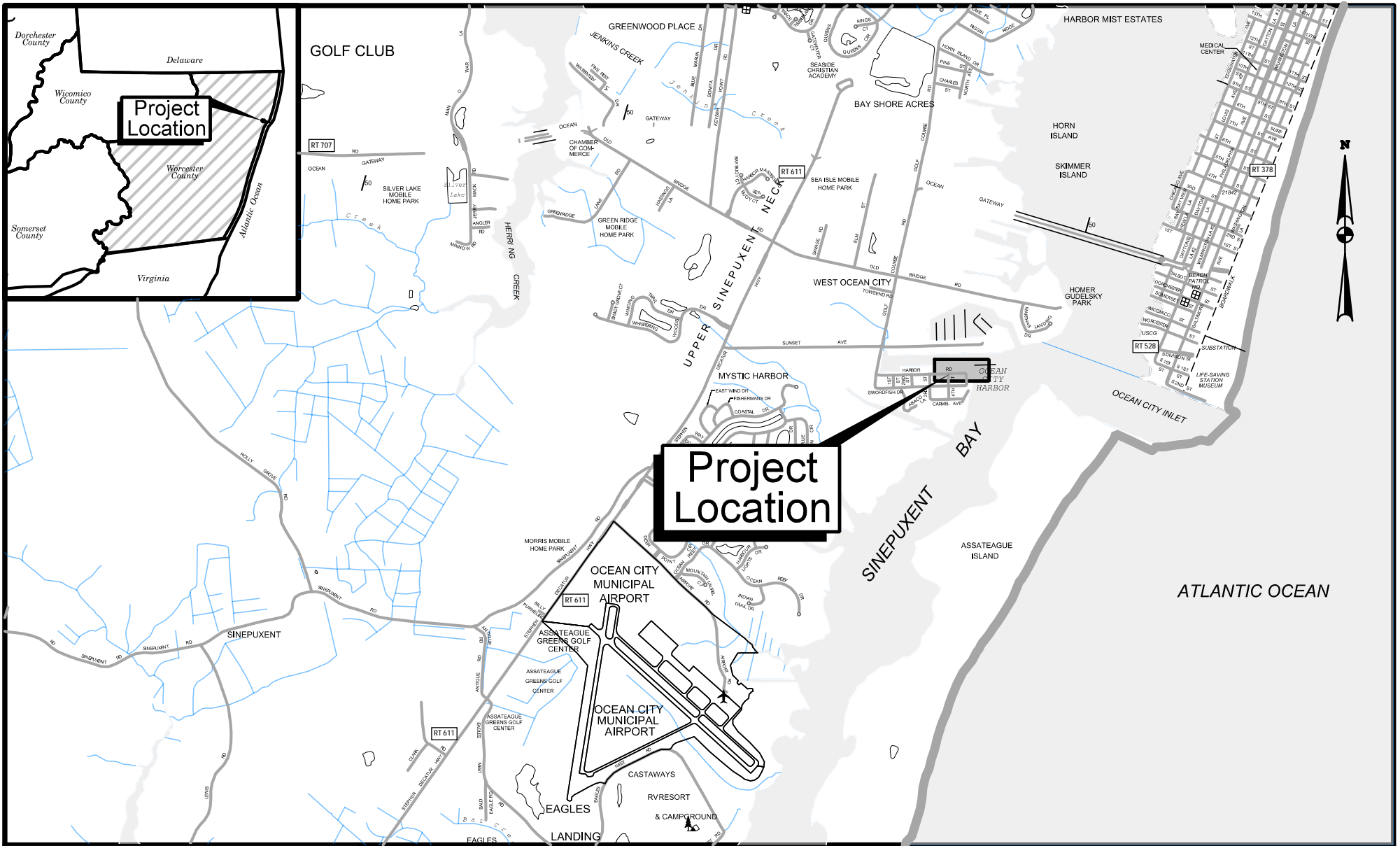
PLEASE MAIL SEVEN (7) COPIES OF THE APPLICATION, SITE PLAN, AND VICINITY MAP (WITH PROJECT LOCATION PINPOINTED) TO:

MDE/WATER AND SCIENCE ADMINISTRATION
REGULATORY SERVICES SECTION
MONTGOMERY PARK BUSINESS CENTER – STE 430
1800 WASHINGTON BOULEVARD
BALTIMORE, MD 21230-1708
(410) 537-3752

SEND THE APPLICABLE APPLICATION FEE AND A COPY OF THE FIRST PAGE OF THE APPLICATION TO:

MDE
P.O. BOX 2057
BALTIMORE, MD 21203-2057
PCA: 13910 OBJ: 4142
FOR FURTHER INSTRUCTIONS, PLEASE REFER TO OUR WEBSITE
<http://mde.maryland.gov/programs/Water/WetlandsandWaterways>

Attachment 2 – Revised Impact Plates








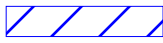
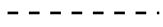
US Wind US WIND, INC. BALTIMORE, MD

McCORMICK TAYLOR

Revisions	
Revision 1:	Update to Pier Length and Associated Impacts (3/2024)
Revision 2:	Updated Wharf dimensions and impacts (4/30/2024)

WORCESTER COUNTY		
OPERATIONS AND MAINTENANCE FACILITY PIER INSTALLATION		
LOCATION MAP		
SCALE: 1" = 2,500'	DATE: MAY 2024	PLATE 01 of 06

LEGEND



-  Mean High Water Elevation (0.84')
-  Mean Low Water Elevation
-  18 inch Bulkhead Repair
-  New Timber Fender System
-  New Cleat
-  Estuarine Subtidal Unconsolidated Bottom (E1UBL) - Permanent Impact
-  Limit of Federal Channel

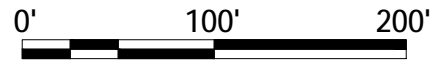
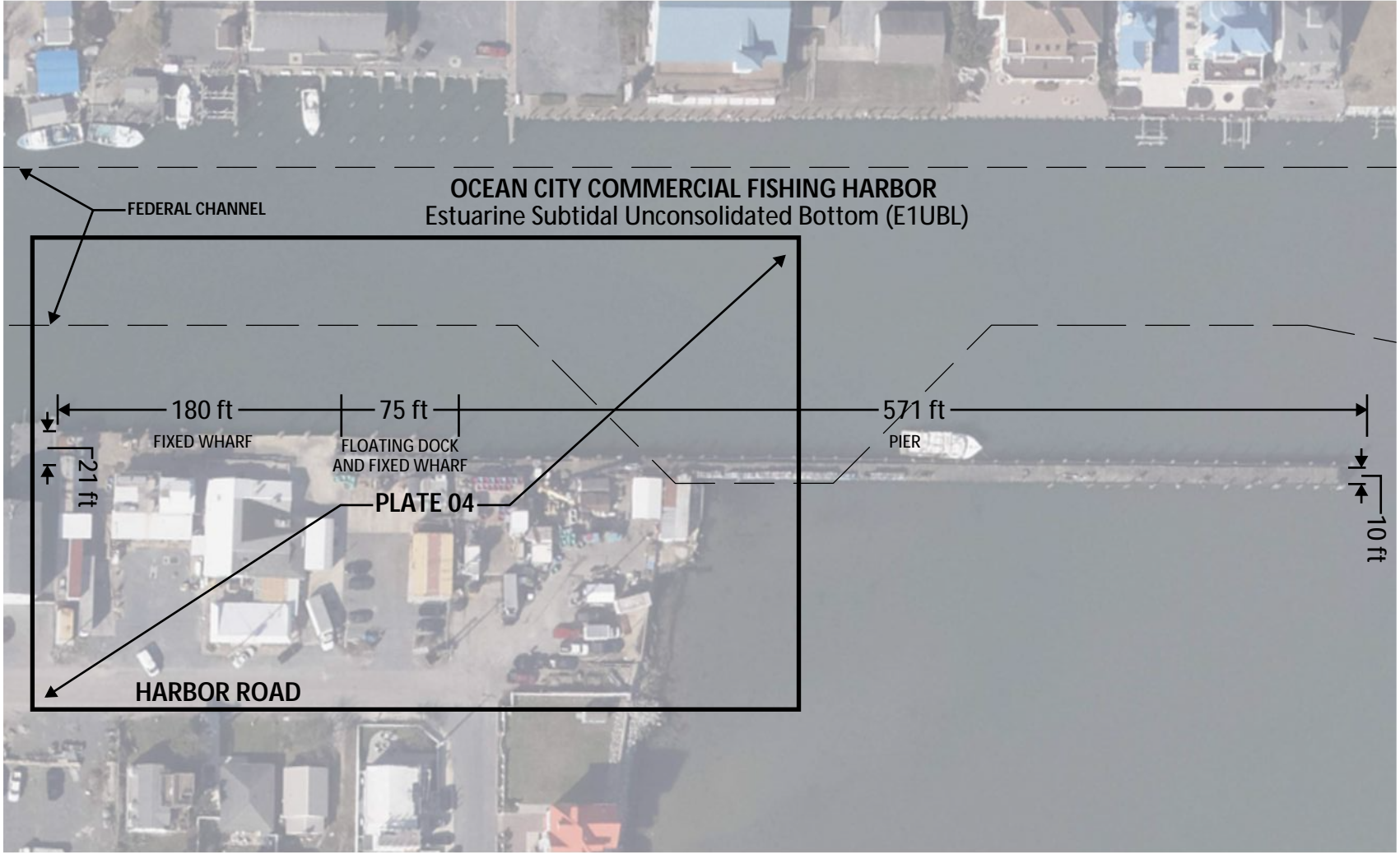
Operations & Maintenance Facility

Plate Number	Name	Permanent Impact (SF)		
		Bulkhead	Pier	TOTAL
04	Estuarine Subtidal Unconsolidated Bottom (E1UBL), Section B-B	304.5	3,835.5	4,140
	Estuarine Subtidal Unconsolidated Bottom (E1UBL), Section A-A	270	4,920	5,190
Totals		574.5	8,755.5	9,330

NOTES

- No dredging is proposed for construction or operation of the pier as shown herein.
- Existing concrete wharf (B-B) is 21 ft wide by 180 ft long (approximately 3,780 SF)
- Bulkhead repairs will be performed by placing sheet piling a maximum of 18 inches beyond the existing face and filling the void between the two before being capped.
- New straight and uniform steel sheet pile bulkhead will be placed 18 inches beyond current deteriorating and multi-material bulkhead under the concrete wharf in Section B-B. New fixed concrete wharf will replace existing fixed concrete wharf in Section B-B.

 <div style="display: inline-block; vertical-align: middle; margin-left: 10px;"> US WIND, INC. BALTIMORE, MD </div>	Revisions	WORCESTER COUNTY		
	Revision 1: Update to Pier Length and Associated Impacts (3/2024) Revision 2: Updated Wharf dimensions and impacts (4/30/2024)	OPERATIONS AND MAINTENANCE FACILITY PIER INSTALLATION		
	LEGEND AND NOTES			
	NOT TO SCALE	DATE: MAY 2024	PLATE 02 of 06	



 US WIND, INC.
BALTIMORE, MD



Revisions
Revision 1: Update to Pier Length and Associated Impacts (3/2024)
Revision 2: Updated Wharf dimensions and impacts (4/30/2024)

WORCESTER COUNTY

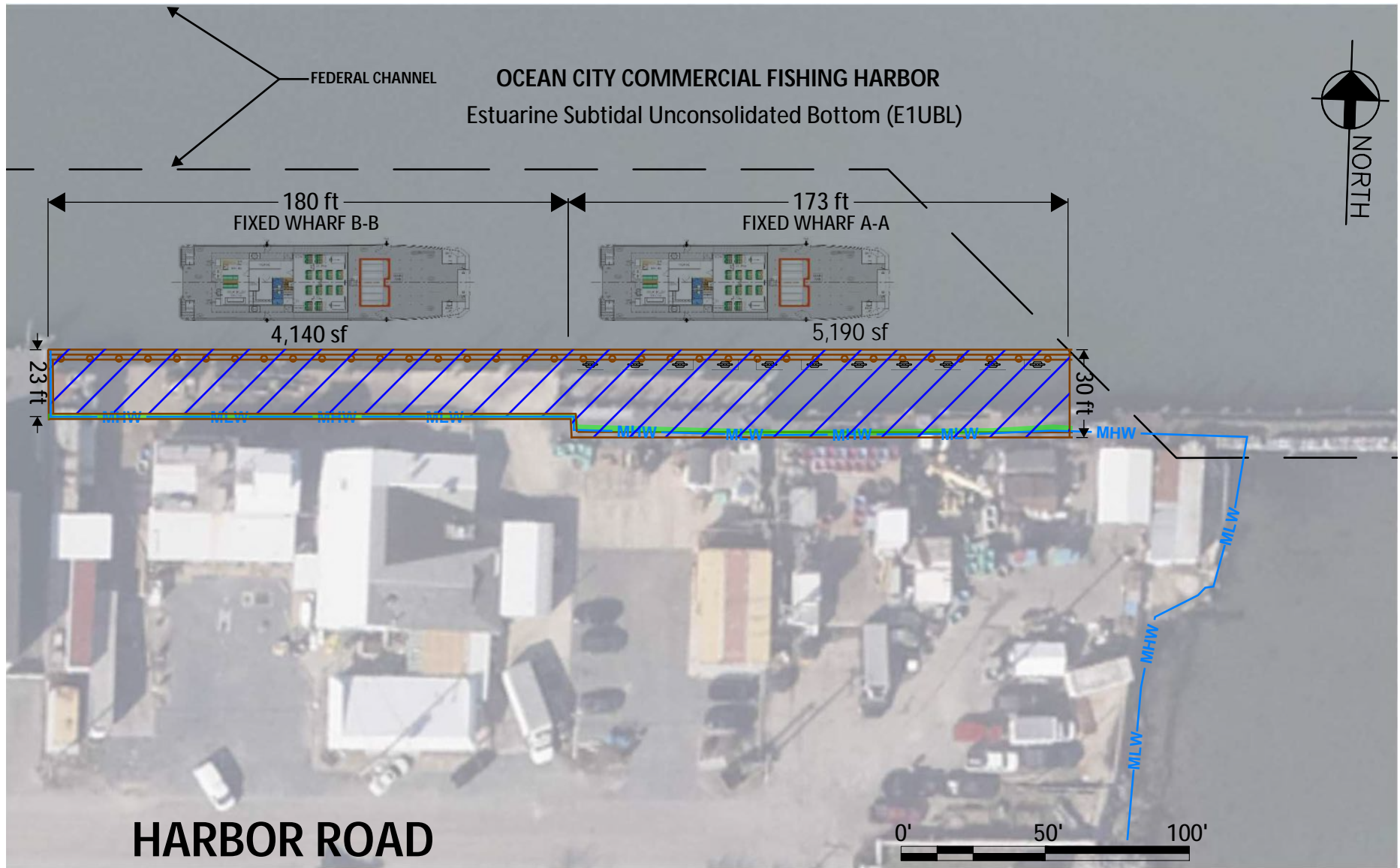
OPERATIONS AND MAINTENANCE FACILITY
PIER INSTALLATION

EXISTING CONDITIONS

SCALE: 1" = 100'

DATE: MAY 2024

PLATE 03 of 06



US WIND, INC.
BALTIMORE, MD

Revisions

Revision 1: Update to Pier Length and Associated Impacts (3/2024)
Revision 2: Updated Wharf dimensions and impacts (4/30/2024)

WORCESTER COUNTY

**OPERATIONS AND MAINTENANCE FACILITY
PIER INSTALLATION**

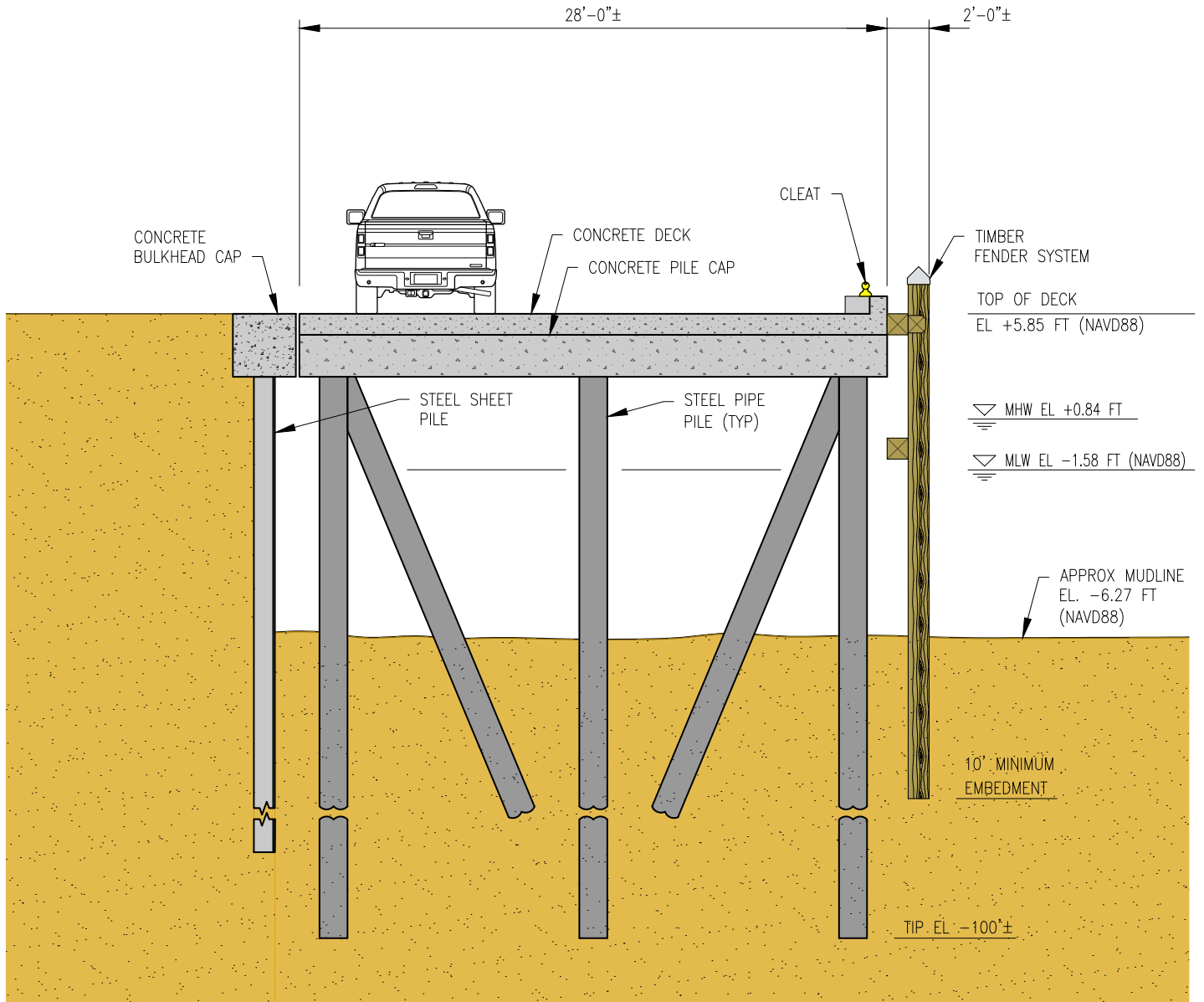


WETLAND IMPACTS

SCALE: 1" = 50'

DATE: MAY 2024

PLATE 04 of 06



NOTE: MHW LINE BASED ON
STUDY PERFORMED BY
SPENCER ROWE, INC., IN A
REPORT DATED AUGUST 2022.

CONCEPTUAL FIXED WHARF SECTION A-A



US WIND, INC.
BALTIMORE, MD



Revisions

Revision 1: Update
to Pier Length and
Associated Impacts
(3/2024)

Revision 2: Updated
Wharf dimensions
and impacts
(4/30/2024)

WORCESTER COUNTY

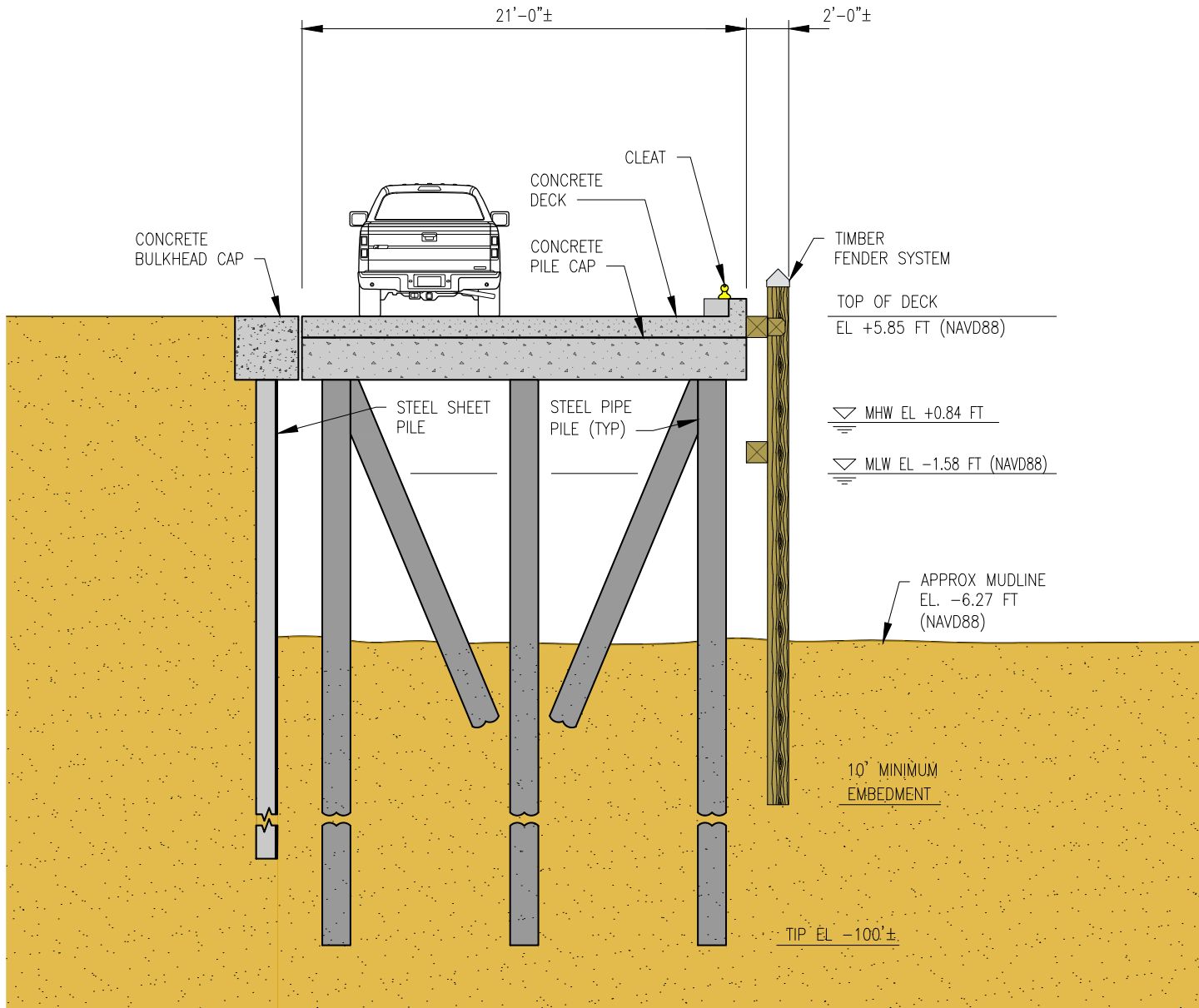
**OPERATIONS AND MAINTENANCE FACILITY
PIER INSTALLATION**

LEGEND AND NOTES

NOT TO SCALE

DATE: MAY 2024

PLATE 05 of 06



NOTE: MHW LINE BASED ON
STUDY PERFORMED BY
SPENCER ROWE, INC., IN A
REPORT DATED AUGUST 2022.

CONCEPTUAL FIXED WHARF SECTION B-B



US WIND, INC.
BALTIMORE, MD



Revisions

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Revision 2: Updated Wharf dimensions and impacts (4/30/2024)

WORCESTER COUNTY

**OPERATIONS AND MAINTENANCE FACILITY
PIER INSTALLATION**

LEGEND AND NOTES

NOT TO SCALE

DATE: MAY 2024

PLATE 06 of 06

Attachment 3 – Existing Site Conditions Photographs

Existing Site Condition Photographs



Key:

- **Bulkhead Segment A** runs from Station 0+00 to Station 0+62 and consists of stacked concrete blocks.
- **Bulkhead Segment B** runs from Station 0+62 to Station 0+72 and consists of horizontal timber planks.
- **Bulkhead Segment C** runs from Station 0+72 to Station 1+00 and consists of timber sheet piles.
- **Bulkhead Segment D** runs from Station 1+00 to Station 1+28 and consists of riprap.
- **Bulkhead Segment E** runs from Station 1+28 to Station 2+54 and consists of vinyl sheet piles. This segment has a 90 degree return at Station 1+79 where wharf segment C abuts wharf segment D and the floating dock.



Photo 1: Overall view of fixed wharf deck from Station 0+00 looking east.



Photo 2: Overall view of fixed wharf deck from Station 1+60 looking west.



Photo 3: Overall view of fixed wharf deck from Station 1+79 looking east.



Photo 4: Overview of floating dock from Station 2+64 looking northwest.

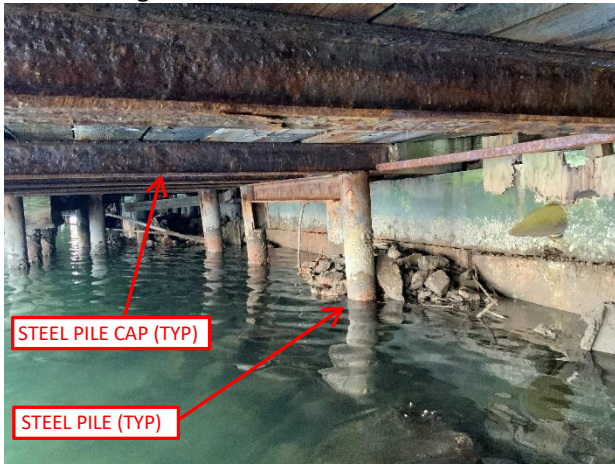


Photo 5: Underdeck view of wharf segment A.

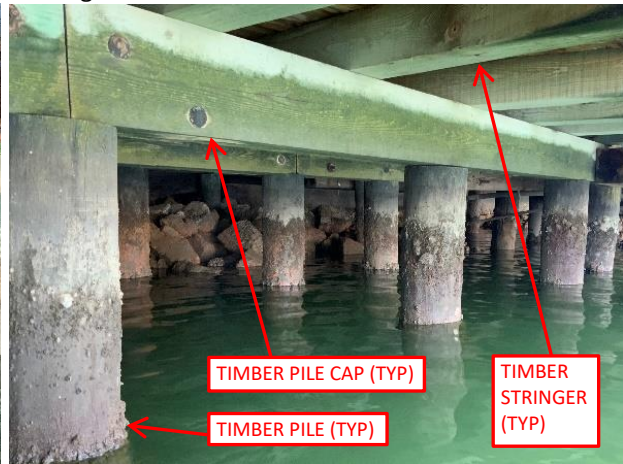


Photo 6: Underdeck view of wharf segment B.



Photo 7: Underdeck view of wharf segment C.

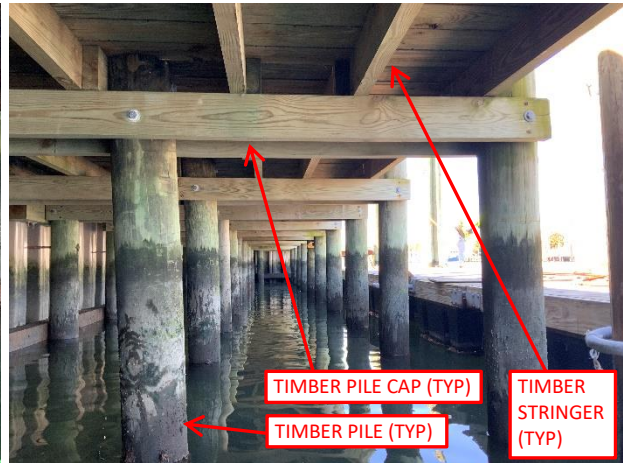


Photo 8: Underdeck view of wharf segment D.



Photo 9: Underdeck view of bulkhead segment A.



Photo 10: Underdeck view of bulkhead segment B.



Photo 11: Underdeck view of bulkhead segment C.

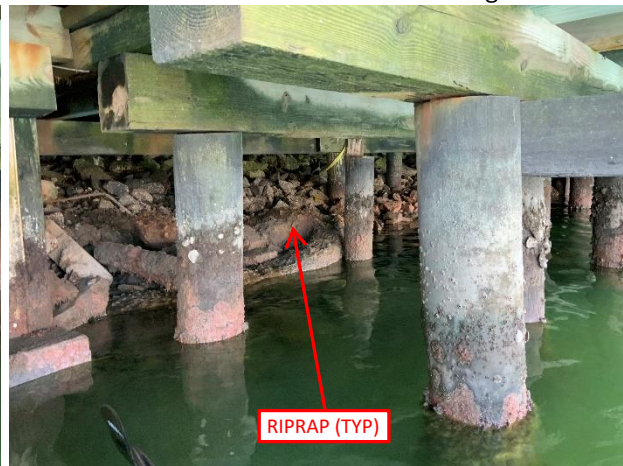


Photo 12: Underdeck view of bulkhead segment D.

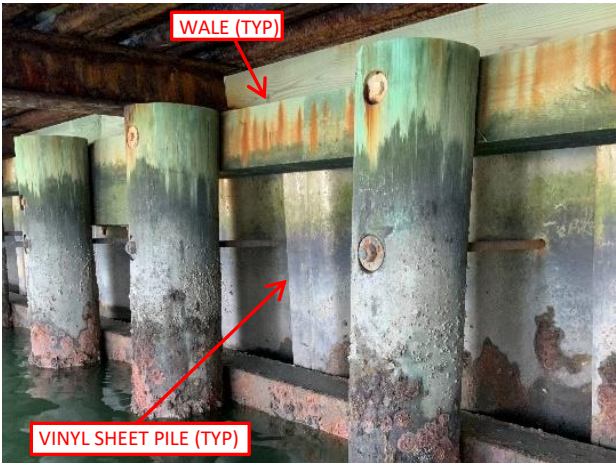


Photo 13: Underdeck view of bulkhead segment E, beneath wharf segment C.



Photo 14: Underdeck view of bulkhead segment E, beneath wharf segment D.