

# PUBLIC NOTICE

US Army Corps  
of Engineers  
New York District  
Jacob K. Javits Federal Building  
New York, N.Y. 10278-0090  
ATTN: Regulatory Branch

**In replying refer to:**  
Public Notice Number: **NAN-2024-00557-EMI**  
Issue Date:  
Expiration Date:

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To Whom It May Concern:

The New York District, Corps of Engineers has received an application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).

APPLICANT: The Trust for Governors Island  
10 South Street, Slip 7  
New York, New York 10004

ACTIVITY: Replacement of an existing pier and ferry terminal structures

WATERWAY: Buttermilk Channel

LOCATION: Yankee Pier - Governors Island, Borough of Manhattan, New York County, City of New York, New York

A detailed description and plans of the applicant's activity are enclosed to assist in your review.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

ALL COMMENTS REGARDING THE PERMIT APPLICATION MUST BE PREPARED IN WRITING AND EMAILED TO REACH THIS OFFICE BEFORE THE EXPIRATION DATE OF THIS NOTICE,

**CENAN-OP-RE**  
**PUBLIC NOTICE NO. NAN-2024-00557-EMI**

otherwise, it will be presumed that there are no objections to the activity.

Comments submitted in response to this notice will be fully considered during the public interest review for this permit application. Comments provided will become part of the public record for this permit application. All written comments, including contact information, will be made a part of the administrative record, available to the public under the Freedom of Information Act. The Administrative Record, or portions thereof, may also be posted on a Corps of Engineers internet web site. Due to resource limitations, this office will normally not acknowledge the receipt of comments or respond to individual letters of comment.

Any person may request, in writing, before this public notice expires, that a public hearing be held to collect information necessary to consider this application. Requests for public hearings shall state, with particularity, the reasons why a public hearing should be held. It should be noted that information submitted by email is considered just as carefully in the permit decision process and bears the same weight as that furnished at a public hearing.

Our preliminary determination is that the activity for which authorization is sought herein is not likely to affect any Federally endangered or threatened species or their critical habitat. However, pursuant to Section 7 of the Endangered Species Act (16 U.S.C. 1531), the District Engineer is consulting with the appropriate Federal agency to determine the presence of and potential impacts to listed species in the project area or their critical habitat.

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act (Public Law 104-267), requires all Federal agencies to consult with the National Oceanic and Atmospheric Administration Fisheries Service (NOAA/FS) on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The proposed work, fully described in the attached work description, could cause the disruption of habitat for various lifestages of some EFH-designated species as a result of a temporary increase in turbidity during construction. However, the New York District has made the preliminary determination that the site-specific adverse effects are not likely to be substantial because it is expected that fish populations would avoid the small area of disturbance. Further consultation with NOAA/FS regarding EFH impacts and conservation recommendations is being conducted and will be concluded prior to the final decision.

Based upon a review of the latest published version of the National Register of Historic Places and the New York State Cultural Resource Information System (CRIS) and identified that the Yankee Pier is not eligible for listing in the National Register but is located adjacent to the Governors Island Historic District. Based on coordination with the New York State Historic Preservation Office (NYSHPO) concurred that the proposed work would have no adverse effect to historic or archaeological resources. Presently unknown archeological, scientific, prehistorical, or historical data may be lost by work accomplished under the required permit.

Pursuant to Section 307 (c) of the Coastal Zone Management Act of 1972 as amended [16 U.S.C. 1456 (c)], for activities under consideration that are located within the coastal zone of a state which has a federally approved coastal zone management program, the applicant has certified in the permit application that the activity complies with, and will be conducted in a manner that is consistent with, the approved state coastal zone management program. By this public notice, we are requesting the state's concurrence with, objection to, or waiver of the applicant's certification. No permit decision will be made until one of these actions occur. For activities within the coastal zone of New York State, the applicant's certification and accompanying information is available from the Consistency Coordinator, New York State Department of State, Division of Coastal Resources and

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Waterfront Revitalization, Coastal Zone Management Program, One Commerce Plaza, 99 Washington Avenue, Albany, New York 12231, Telephone (518) 474-6000. Comments regarding the applicant's certification, and copies of any letters to this office commenting upon this proposal, should be so addressed.

In addition to any required coastal zone management program concurrence, the applicant has obtained or requested the following governmental authorization for the activity under consideration:

- New York State Department of Environmental Conservation

It is requested that you communicate the foregoing information concerning the activity to any persons known by you to be interested and who did not receive a copy of this notice. Please send all comments and questions concerning this application to [Christopher.W.Minck@usace.army.mil](mailto:Christopher.W.Minck@usace.army.mil).

In order for us to better serve you, please complete our Customer Service Survey located at <http://www.nan.usace.army.mil/Missions/Regulatory/CustomerSurvey.aspx>.

For more information on New York District Corps of Engineers programs, visit our website at <http://www.nan.usace.army.mil>.

**FOR AND IN BEHALF OF**  
Stephan A. Ryba  
Chief, Regulatory Branch

Enclosures

**WORK DESCRIPTION**

The permit applicant, The Trust for Governors Island, has requested Department of the Army (DA) authorization to replace an existing timber pier with a new concrete pier (Yankee Pier) in Buttermilk Channel on Governors Island, Borough of Manhattan, New York County, City of New York, New York

The proposed work would involve the following:

Remove the existing superstructure of the Yankee Pier consisting of an approximately 20-foot-wide by 230-foot-long and a 30-foot-wide by 415-foot-long section. The fendering piles and corner clusters will also be removed. The piles below the base of bent cap will remain for the first approximately 168 feet of the Yankee Pier. Additionally, twenty (20) free standing timber piles will also be removed. The existing ten-foot-wide by 48-foot-long ramp and 35-foot-wide by 90-foot-long ferry terminal barge and four (4) 40-inch diameter anchor pile would be temporarily relocated and installed along the new proposed pier as described below.

Construct a new 55-foot-wide by 265-foot-long concrete pier supported by approximately fifty-four (54) 24-inch diameter steel pipe piles. From the western end of the pier, the relocated ten-foot-wide by 48-foot-long ramp and 35-foot-wide by 90-foot-long ferry terminal barge will be relocated with four (4) associated 40-inch diameter anchor piles. Three (3) new 36-inch diameter steel pipe dolphin monopiles with associated donut fendering will also be installed. From the eastern end of the pier, install two (2) new 12-foot-wide by 80-foot-long gangways leading to a new 60-foot-wide by 200-foot-long ferry landing barge secured by eight (8) 40-inch diameter anchor piles to support up to four (4) vessels. Eleven (11) new 36-inch diameter steel pipe dolphin monopiles with associated donut fendering will be installed to create slips.

On the west side of the pier, an approximately 4,532-square-foot irregularly shaped open-grate "eco-pier" structure will be constructed. The eco-pier would be supported by forty-four (44) 16-inch diameter steel pipe piles.

The applicant has stated that they have avoided, minimized, and mitigated for potential impacts proposed, to the maximum extent practicable by using a turbidity curtain around the project area and utilizing a soft start during pile driving to minimize turbidity. Construction of the project will be completed in phases to maintain ferry operations (See sheet 7 of 22 for phasing plan).

The purpose for this project is to replace the existing Yankee Pier to improve access to Governors Island.





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+1.917.740.2129

**BUCKMAN ENGINEERING, PLLC**  
255 DEAN STREET  
BROOKLYN, NY 11217  
+1.917.838.6142

**PROJECT TITLE:**  
YANKEE PIER REPLACEMENT PHASE 1

LOCATED AT  
GOVERNORS ISLAND, NY 10004

PREPARED FOR  
TRUST FOR GOVERNORS ISLAND  
10 SOUTH ST, SLIP 7, NEW YORK, NY 10004

**SHEET TITLE:**  
LOCATION MAP

PROJ. NO: 22120	SCALE: AS NOTED
DATE: 07.18.24	DRAWING NO:
DRAWN BY: OEP	1 OF 22
CHK'D BY: AU	





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SHEET TITLE:  
VICINITY MAP

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DATE: 07.18.24  
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SCALE: AS NOTED  
DRAWING NO:  
2 OF 22



INDIGO RIVER ARCHITECTURE  
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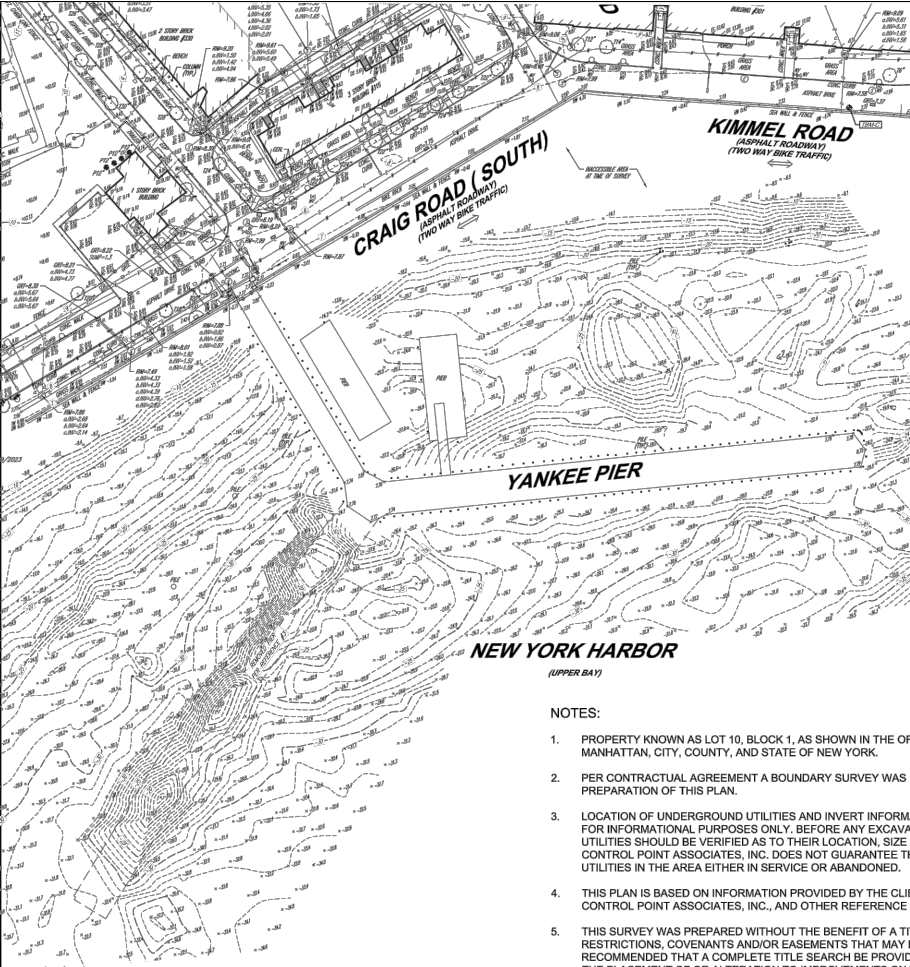
PROJECT TITLE:  
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LOCATED AT  
GOVERNORS ISLAND, NY 10004  
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TRUST FOR GOVERNORS ISLAND  
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SHEET TITLE:  
SURVEY

PROJ. NO: 22120  
DATE: 07.18.24  
DRAWN BY: OEP  
CHKD BY: AU

SCALE: N.T.S.  
DRAWING NO:  
3 OF 22



LEGEND

- 124 EXISTING CONTOUR
- 125 EXISTING SPOT ELEVATION
- TC 123.45 EXIST. TOP OF CURB ELEVATION
- BC 122.95 EXIST. BOTTOM OF CURB ELEVATION
- TW 123.45 EXIST. TOP OF WALL ELEVATION
- BW 122.95 EXIST. BOTTOM OF WALL ELEVATION
- FF 123.45 EXIST. FINISHED FLOOR ELEVATION
- DS 123.45 EXIST. DOOR SILL ELEVATION
- RM=125.00 (124.38) RIM NAVD 88 (BOROUGH SEWER DATUM)
- INV.=123.0 (122.4) INV. NAVD 88 (BOROUGH SEWER DATUM)
- E APPROX. LOC. UNDERGROUND ELECTRIC LINE
- G APPROX. LOC. UNDERGROUND NATURAL GAS LINE
- T APPROX. LOC. UNDERGROUND TELEPHONE LINE
- W APPROX. LOC. UNDERGROUND WATER LINE
- S APPROX. LOC. UNDERGROUND SANITARY LINE
- D APPROX. LOC. UNDERGROUND DRAINAGE LINE
- HYDRANT
- WATER VALVE
- ELECTRIC BOX
- GAS VALVE
- ELECTRIC MANHOLE
- UNKNOWN MANHOLE
- SANITARY/SEWER MANHOLE
- CATCH BASINS
- CLEAN OUT
- ROOF DRAIN
- STREET LIGHT
- DETECTABLE WARNING PAD
- METAL COVERS
- SIGN
- GATE POST
- AREA LIGHT ON BUILDING
- DECIDUOUS TREE & TRUNK SIZE
- CONIFEROUS TREE & TRUNK SIZE
- EDC EDGE OF CONC.
- EDG EDGE OF GRAVEL
- EOP EDGE OF PAVEMENT
- TYP TYPICAL

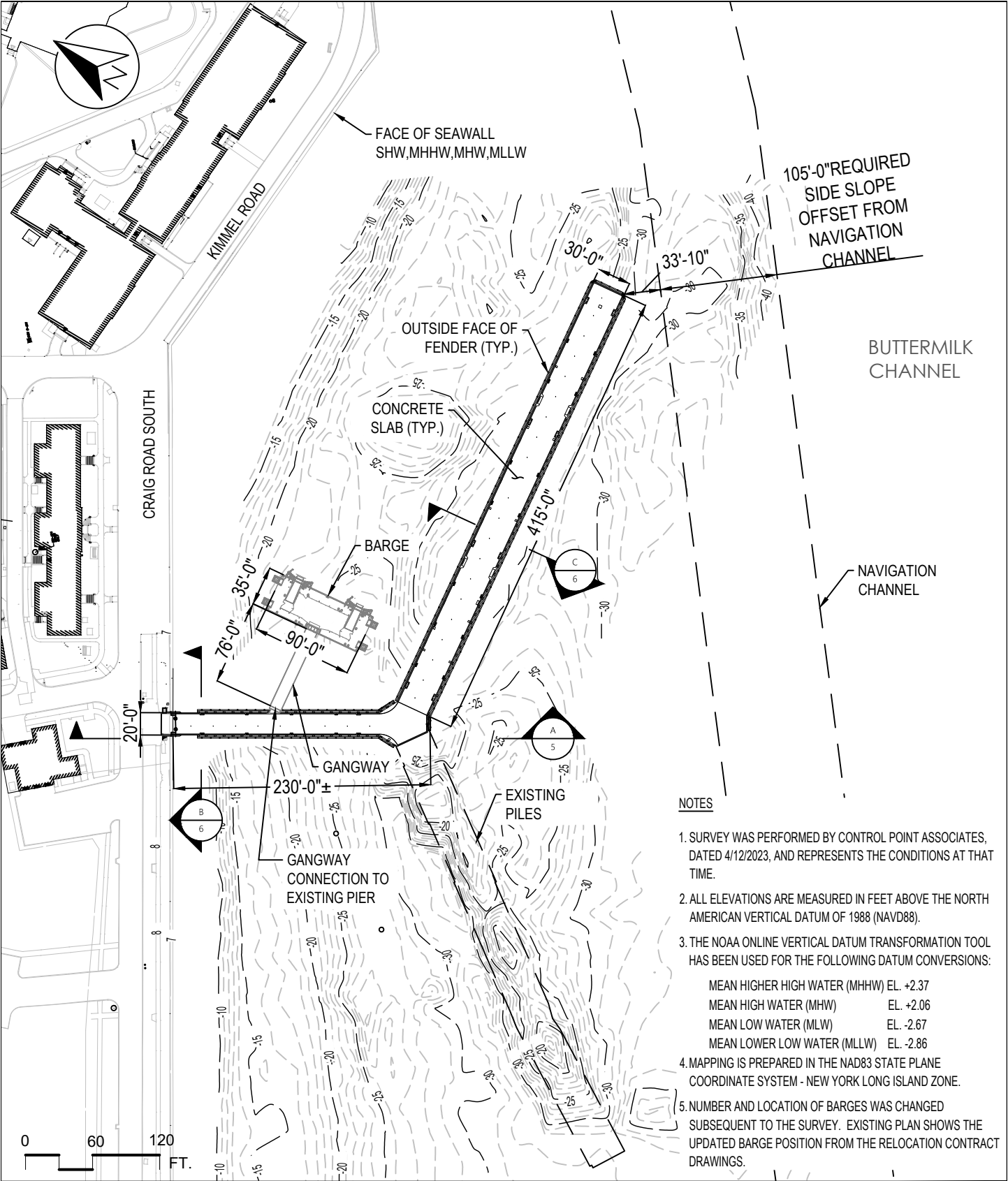
NOTES:

- PROPERTY KNOWN AS LOT 10, BLOCK 1, AS SHOWN IN THE OFFICIAL TAX MAP OF THE BOROUGH OF MANHATTAN, CITY, COUNTY, AND STATE OF NEW YORK.
- PER CONTRACTUAL AGREEMENT A BOUNDARY SURVEY WAS NOT PERFORMED IN CONJUNCTION WITH THE PREPARATION OF THIS PLAN.
- LOCATION OF UNDERGROUND UTILITIES AND INVERT INFORMATION IS SHOWN BASED ON MAP REFERENCE 3 FOR INFORMATIONAL PURPOSES ONLY. BEFORE ANY EXCAVATION IS TO BEGIN, ALL UNDERGROUND UTILITIES SHOULD BE VERIFIED AS TO THEIR LOCATION, SIZE AND TYPE BY THE PROPER UTILITY COMPANIES. CONTROL POINT ASSOCIATES, INC. DOES NOT GUARANTEE THE UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA EITHER IN SERVICE OR ABANDONED.
- THIS PLAN IS BASED ON INFORMATION PROVIDED BY THE CLIENT, A SURVEY PREPARED IN THE FIELD BY CONTROL POINT ASSOCIATES, INC., AND OTHER REFERENCE MATERIAL AS LISTED HEREON.
- THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND IS SUBJECT TO THE RESTRICTIONS, COVENANTS AND/OR EASEMENTS THAT MAY BE CONTAINED THEREIN. IT IS STRONGLY RECOMMENDED THAT A COMPLETE TITLE SEARCH BE PROVIDED TO THE SURVEYOR FOR REVIEW PRIOR TO THE PLACEMENT OF OR ALTERATION TO IMPROVEMENTS ON THE PROPERTY.
- EXISTING FIRM: BY GRAPHIC PLOTTING ONLY PROPERTY IS LOCATED IN FLOOD HAZARD ZONE AS THE SPECIAL FLOOD HAZARD AREA IS THE AREA SUBJECT TO FLOODING BY THE 1% ANNUAL CHANCE FLOOD. BASE FLOOD ELEVATIONS DETERMINED, EL 10) PER MAP REF #4.
- THE EXISTENCE OF UNDERGROUND STORAGE TANKS, IF ANY, WAS NOT KNOWN AT THE TIME OF THE FIELD SURVEY.
- ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), BASED ON GPS OBSERVATIONS UTILIZING THE KEYSTONE VRS NETWORK (KEYNETGPS).  
TEMPORARY BENCH MARKS SET:  
TBM-A: X CUT SET IN CURB ON CRAIG ROAD (SOUTH), ELEVATION= 9.01'  
TBM-B: PK NAIL SET IN ASPHALT ON WEST WAY, ELEVATION= 10.63'  
TBM-C: PK NAIL SET IN ASPHALT ON KIMMEL ROAD, ELEVATION= 7.35'

PRIOR TO CONSTRUCTION IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE BENCHMARKS ILLUSTRATED ON THIS SKETCH HAVE NOT BEEN DISTURBED AND THEIR ELEVATIONS HAVE BEEN CONFIRMED. ANY CONFLICTS MUST BE REPORTED PRIOR TO CONSTRUCTION.

REFERENCES:

- THE NEW YORK CITY DIGITAL TAX MAP OF THE BOROUGH OF MANHATTAN, CITY, COUNTY, AND STATE OF NEW YORK.
- NEW YORK STATE GIS CLEARINGHOUSE ONLINE DATA.
- MAP ENTITLED "GOVERNORS ISLAND, PLANNING OF THE REUSE OF GOVERNORS ISLAND HARBOR, UPPER BAY, NEW YORK" AS PREPARED BY MERCATOR LAND SURVEYING, LLC, LAST REVISED OCTOBER 16, 2006.
- MAP ENTITLED "NATIONAL FLOOD INSURANCE PROGRAM, FIRM, FLOOD INSURANCE RATE MAP, NEW YORK COUNTY, NEW YORK, (ALL JURISDICTIONS), PANEL 192 OF 457", MAP NUMBER 3604970192F, EFFECTIVE DATE: SEPTEMBER 5, 2007.
- MAP ENTITLED "BATHYMETRIC SURVEY GOVERNOR'S ISLAND YANKEE PIER, BOROUGH OF MANHATTAN, CITY, COUNTY AND STATE OF NEW YORK" AS PREPARED BY CONTROL POINT ASSOCIATES INC. PC, DATED APRIL 12, 2023.



- NOTES**
1. SURVEY WAS PERFORMED BY CONTROL POINT ASSOCIATES, DATED 4/12/2023, AND REPRESENTS THE CONDITIONS AT THAT TIME.
  2. ALL ELEVATIONS ARE MEASURED IN FEET ABOVE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
  3. THE NOAA ONLINE VERTICAL DATUM TRANSFORMATION TOOL HAS BEEN USED FOR THE FOLLOWING DATUM CONVERSIONS:  
MEAN HIGHER HIGH WATER (MHHW) EL. +2.37  
MEAN HIGH WATER (MHW) EL. +2.06  
MEAN LOW WATER (MLW) EL. -2.67  
MEAN LOWER LOW WATER (MLLW) EL. -2.86
  4. MAPPING IS PREPARED IN THE NAD83 STATE PLANE COORDINATE SYSTEM - NEW YORK LONG ISLAND ZONE.
  5. NUMBER AND LOCATION OF BARGES WAS CHANGED SUBSEQUENT TO THE SURVEY. EXISTING PLAN SHOWS THE UPDATED BARGE POSITION FROM THE RELOCATION CONTRACT DRAWINGS.



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PROJECT TITLE:  
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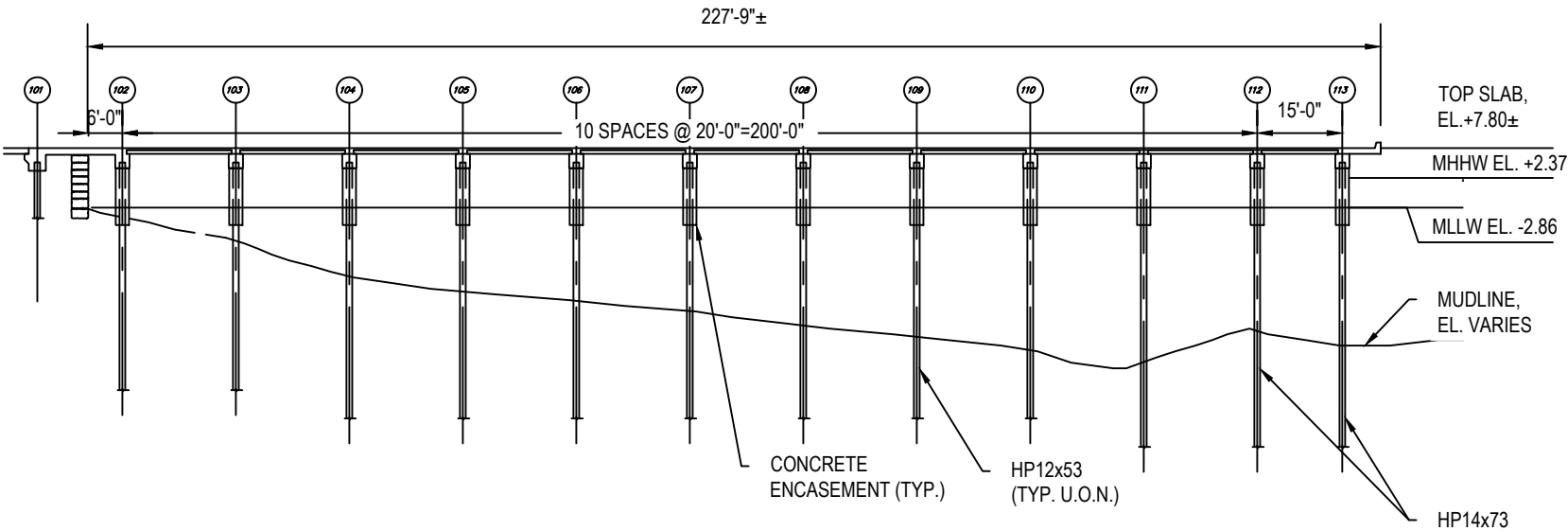
LOCATED AT  
GOVERNORS ISLAND, NY 10004

PREPARED FOR  
TRUST FOR GOVERNORS ISLAND  
10 SOUTH ST, SLIP 7, NEW YORK, NY 10004

SHEET TITLE:  
EXISTING SITE PLAN

PROJ. NO: 22120	SCALE: AS NOTED
DATE: 07.18.24	DRAWING NO:
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CHK'D BY: AU	





LONG. SECTION  
PIER APPROACH ARM

SCALE: 1/32"=1'-0"



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SHEET TITLE:  
EXISTING SECTION I

PROJ. NO: 22120	SCALE: 1/32"=1'-0"
DATE: 07.18.24	DRAWING NO:
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5 OF 22

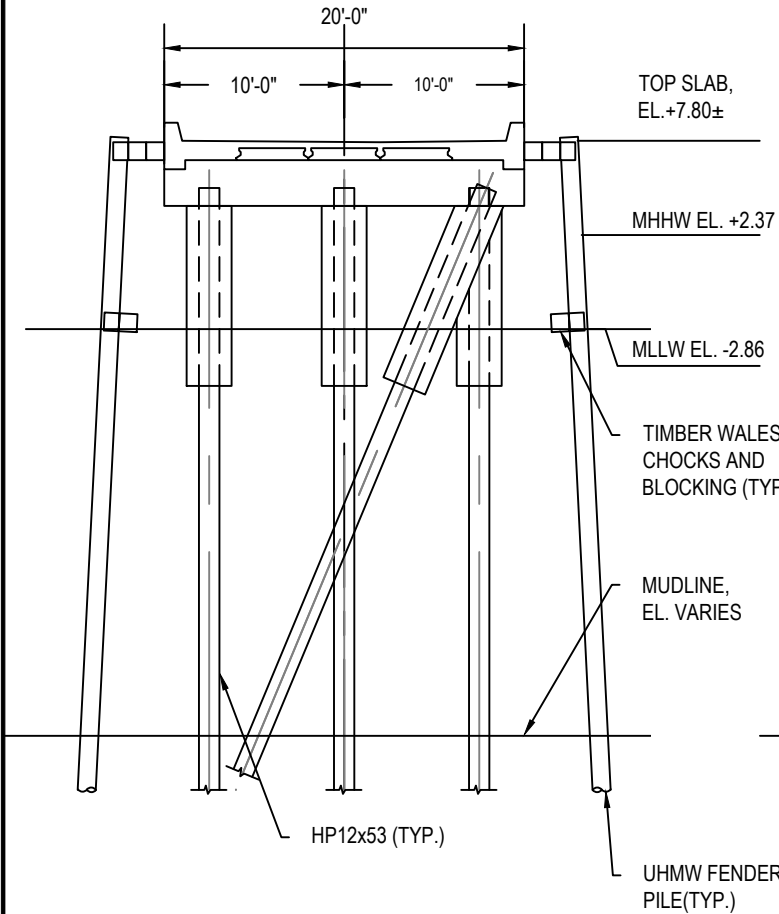


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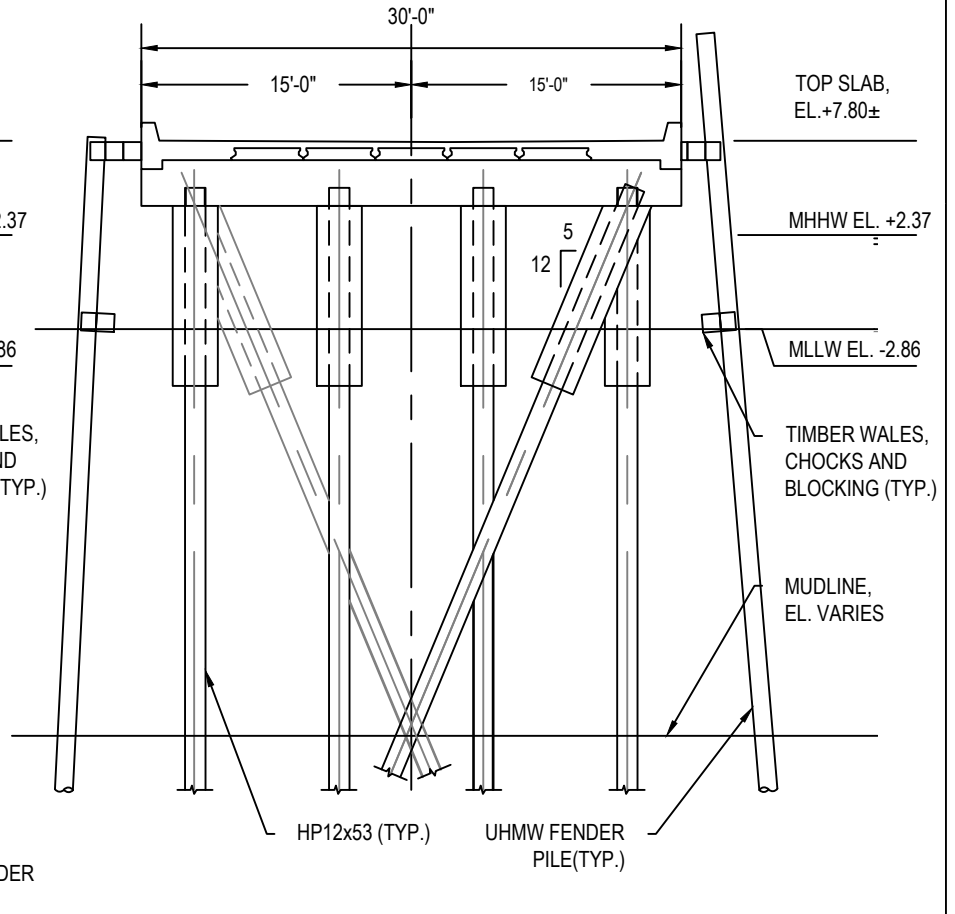
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DATE: 07.18.24  
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CHKD BY: AU

SCALE:  $\frac{3}{32}$ "=1'-0"  
DRAWING NO:  
6 OF 22



TYP. SECTION  
PIER APPROACH ARM

SCALE:  $\frac{3}{32}$ "=1'-0"



TYP. SECTION  
PIER MAIN ARM

SCALE:  $\frac{3}{32}$ "=1'-0"



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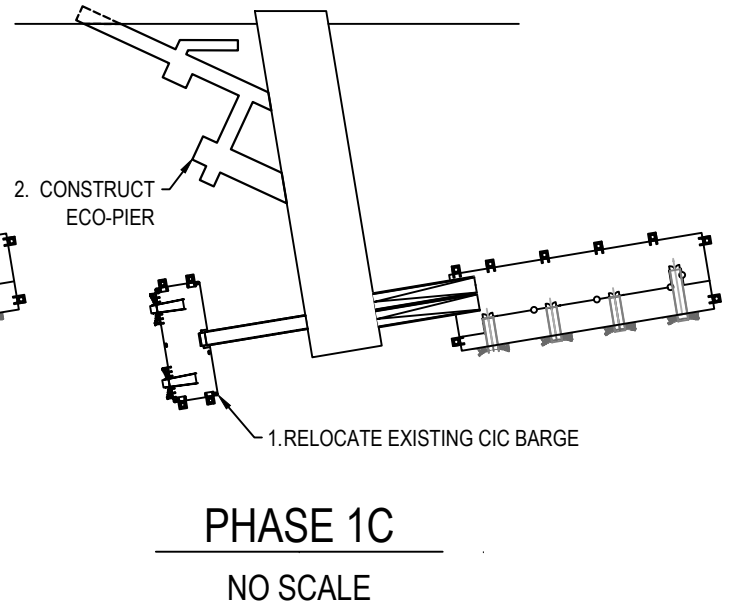
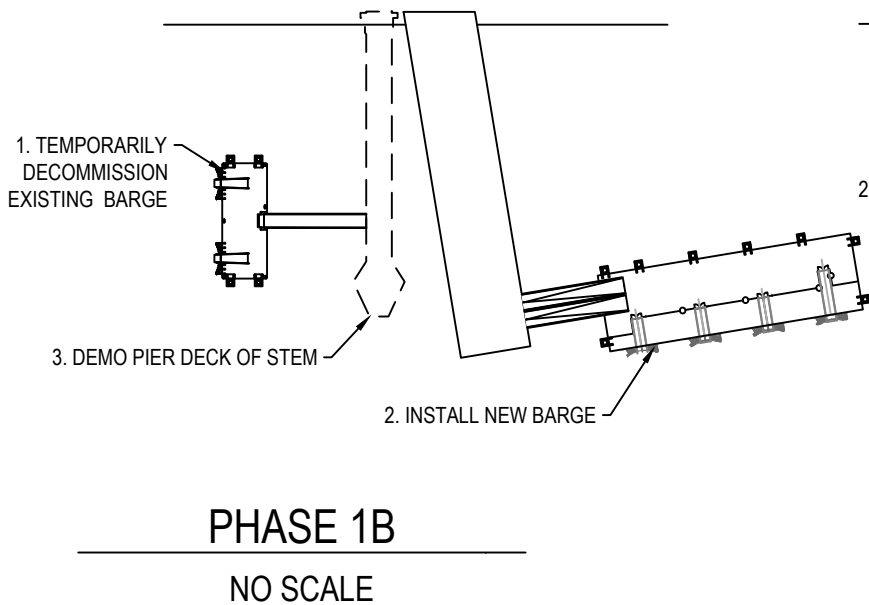
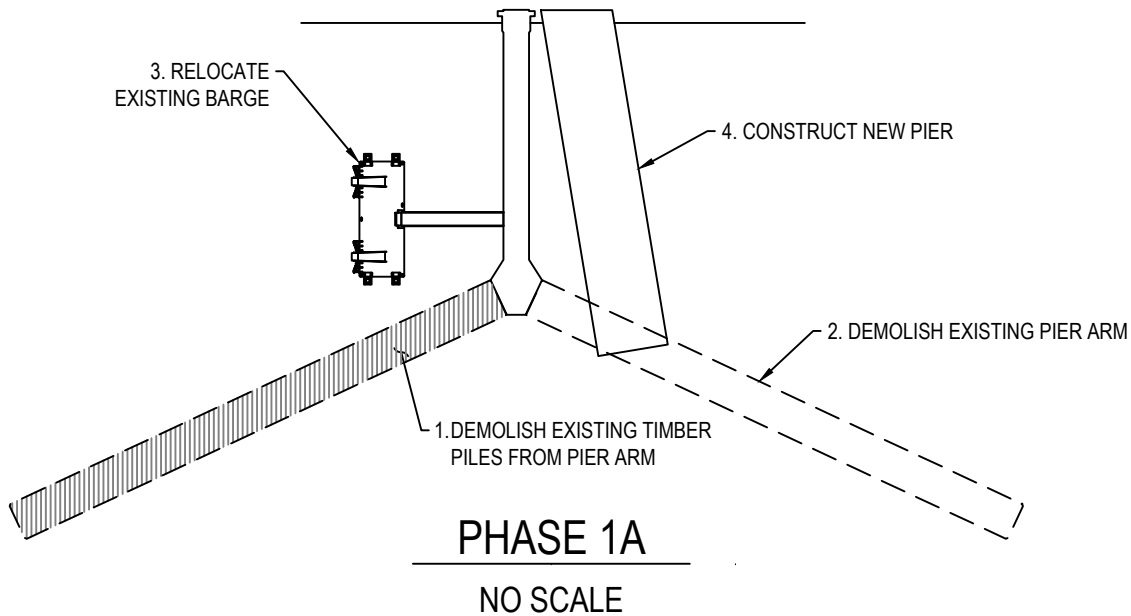
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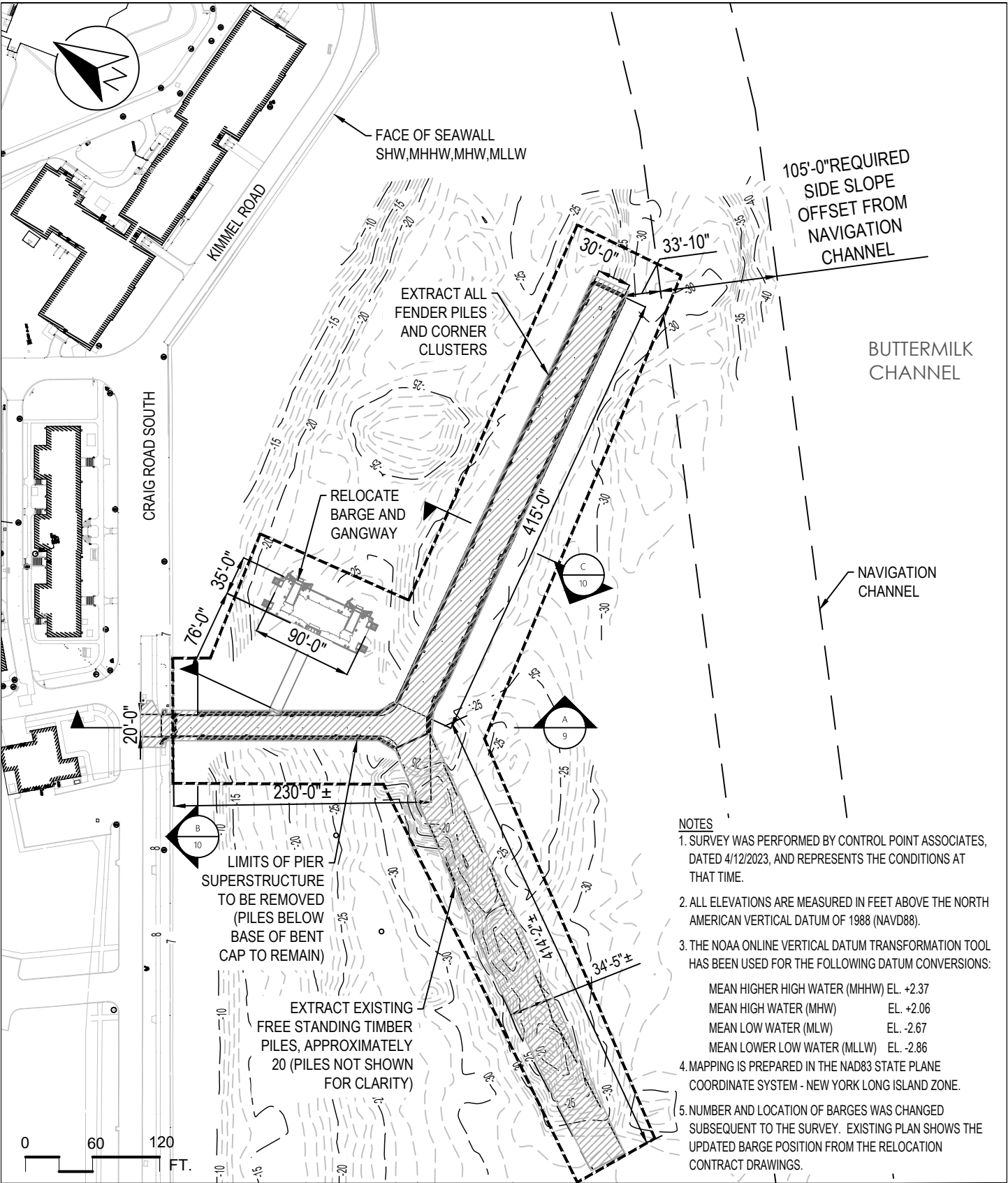
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PREPARED FOR  
TRUST FOR GOVERNORS ISLAND  
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SHEET TITLE:  
PHASED CONSTRUCTION PLAN

PROJ. NO: 22120  
DATE: 07.18.24  
DRAWN BY: OEP  
CHKD BY: AU

SCALE: AS NOTED  
DRAWING NO:  
7 OF 22





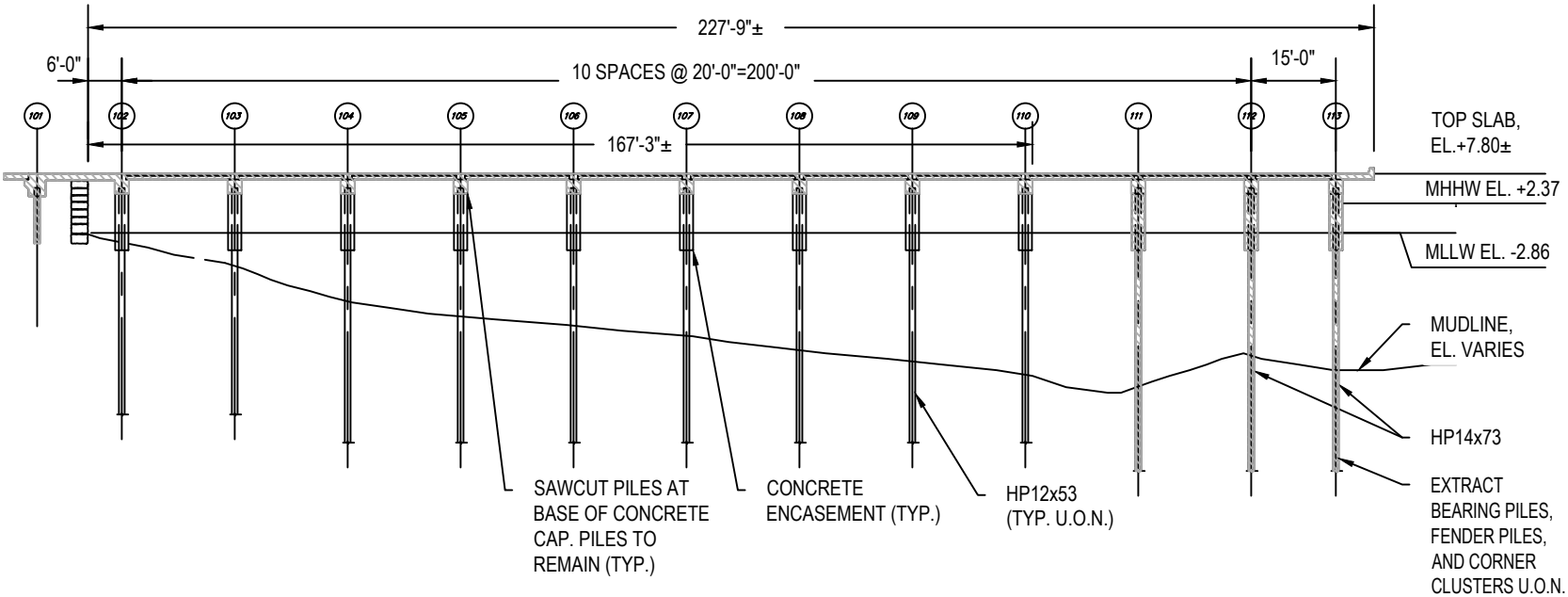
- NOTES
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LOCATED AT  
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SHEET TITLE:  
PIER REMOVAL PLAN  
PROJ. NO: 22120  
DATE: 07.18.24  
DRAWN BY: OEP  
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SCALE: AS NOTED  
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8 OF 22





LONG. SECTION  
PIER APPROACH ARM

SCALE: 1/32"=1'-0"



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SHEET TITLE:  
PIER REMOVAL SECTION

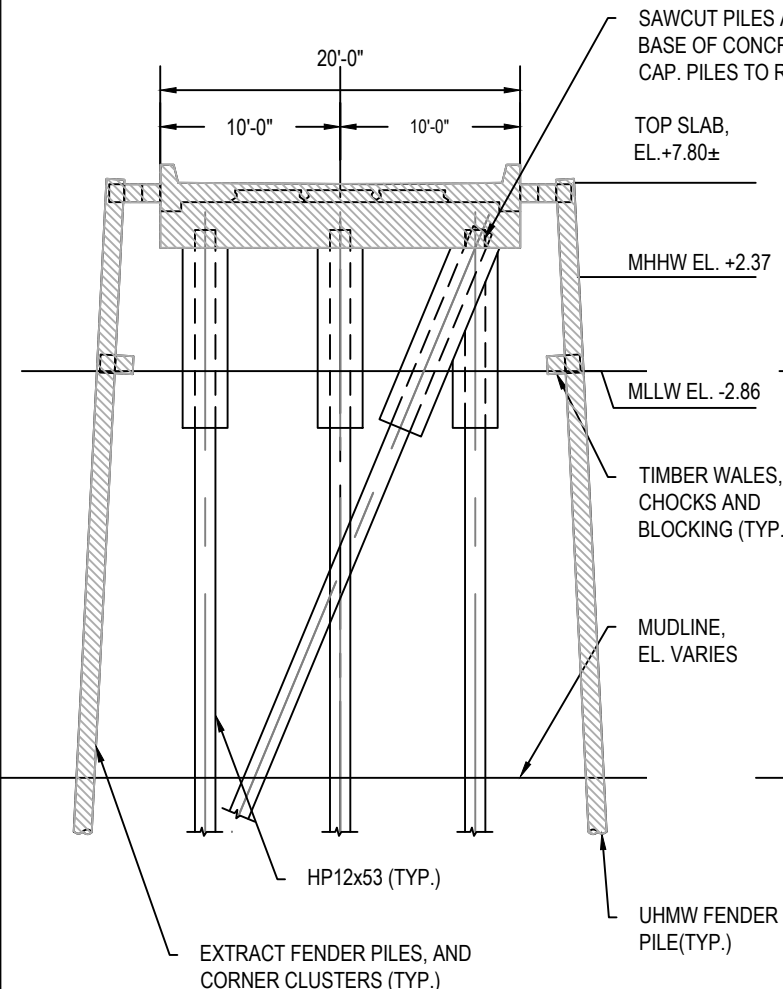
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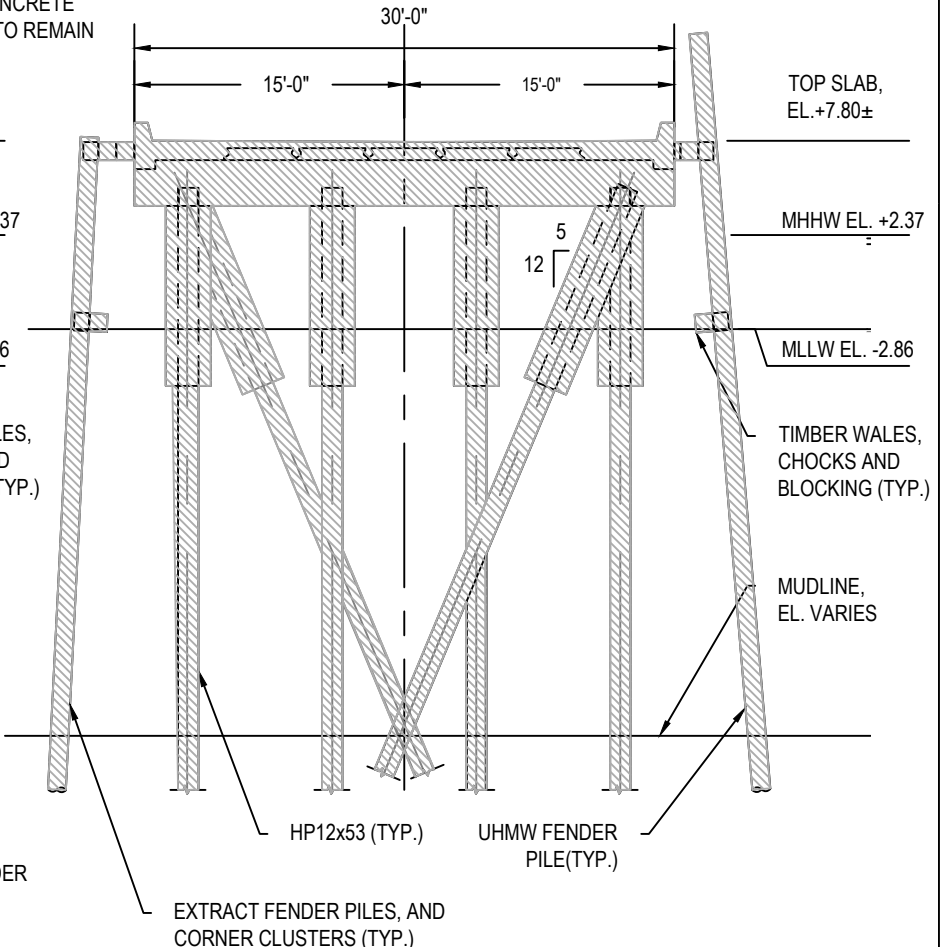
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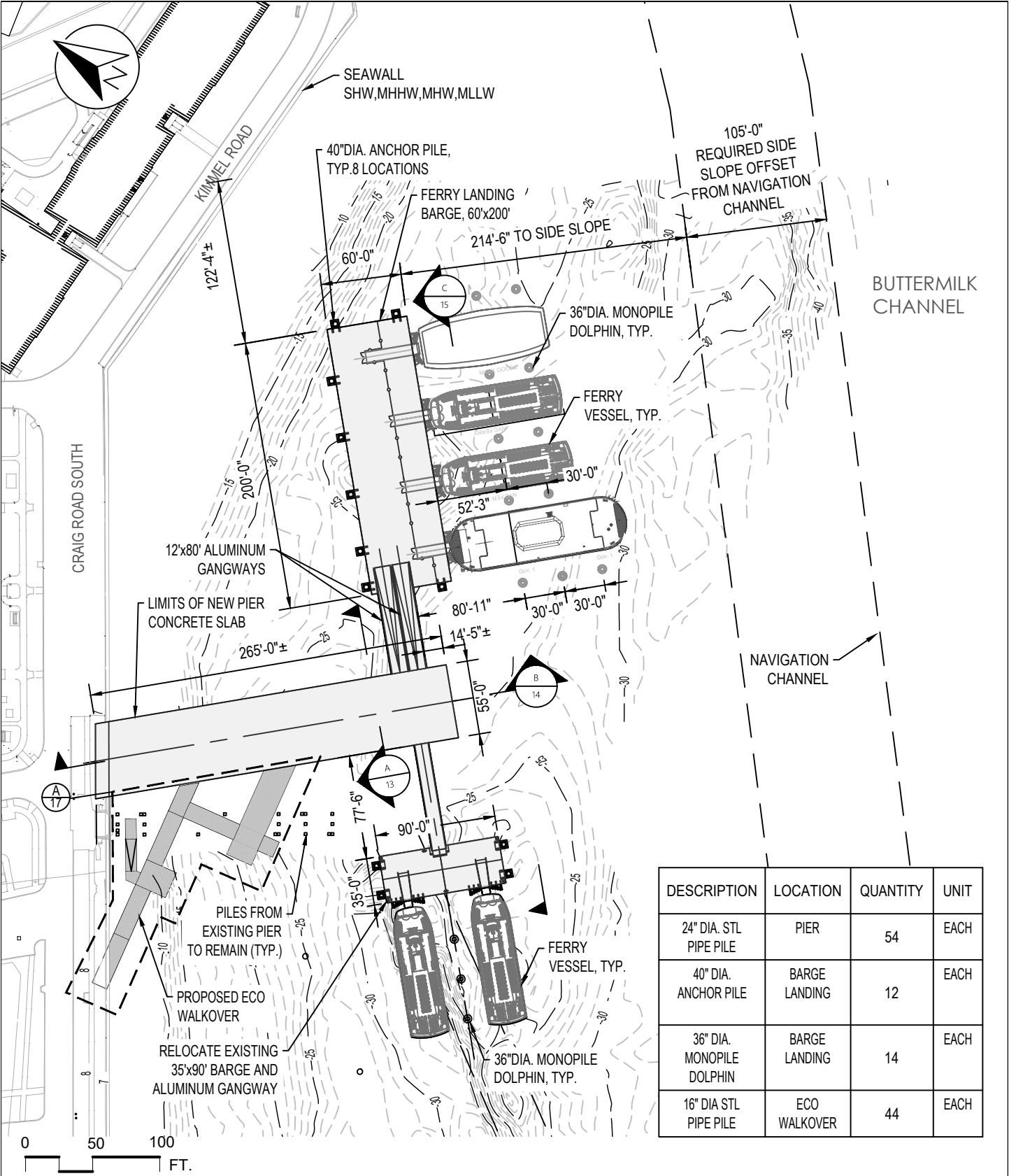
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DATE: 07.18.24  
DRAWN BY: OEP  
CHKD BY: AU  
SCALE: 3/32"=1'-0"  
DRAWING NO:  
10 OF 22



B  
10  
TYP. SECTION  
PIER APPROACH ARM  
SCALE: 3/32"=1'-0"



C  
10  
TYP. SECTION  
PIER MAIN ARM  
SCALE: 3/32"=1'-0"



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**BUCKMAN ENGINEERING, PLLC**  
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BROOKLYN, NY 11217  
+1.917.838.6142

**PROJECT TITLE:**  
YANKEE PIER REPLACEMENT PHASE 1  
  
**LOCATED AT**  
GOVERNORS ISLAND, NY 10004  
**PREPARED FOR**  
TRUST FOR GOVERNORS ISLAND  
10 SOUTH ST, SLIP 7, NEW YORK, NY 10004

**SHEET TITLE:**  
**PROPOSED PIER PLAN**  
**PROJ. NO: 22120**  
**DATE: 07.18.24**  
**DRAWN BY: OEP**  
**CHK'D BY: AU**  
**SCALE: AS NOTED**  
**DRAWING NO:**  
**11 OF 22**



FACE OF SEAWALL  
SHW, MHHW, MHW, MLW, MLLW

 $19'-1'' \pm$ 

4 PILE BENT  
(TYP.)

24" DIA. STEEL PIPE  
PILE (TYP.)

- EXTENTS OF PIER  
CONCRETE SLAB

- GANGWAY AND BARGE  
NOT SHOWN FOR  
CLARITY (TYP.)

2'-0"

- GANGWAY AND BARGE  
NOT SHOWN FOR  
CLARITY (TYP.)

$$9.4^\circ$$

- 4 PIER

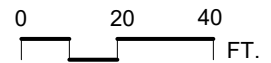
$$28' - 2\frac{3}{4}'' \pm \text{---} \leftarrow |$$

3 SPACES @ 33'-4" = 100'-0"

6 SPACES @ 27'-10" = 167'-0"

## PROPOSED PIER PILE PLAN

SCALE: 1"=40'-0"



取

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**PROPOSED PIER PILE PLAN**

PROJ. NO: 22120
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DRAWN BY: OEF
CHK'D BY: AU

SCALE: 1"=40'-0"
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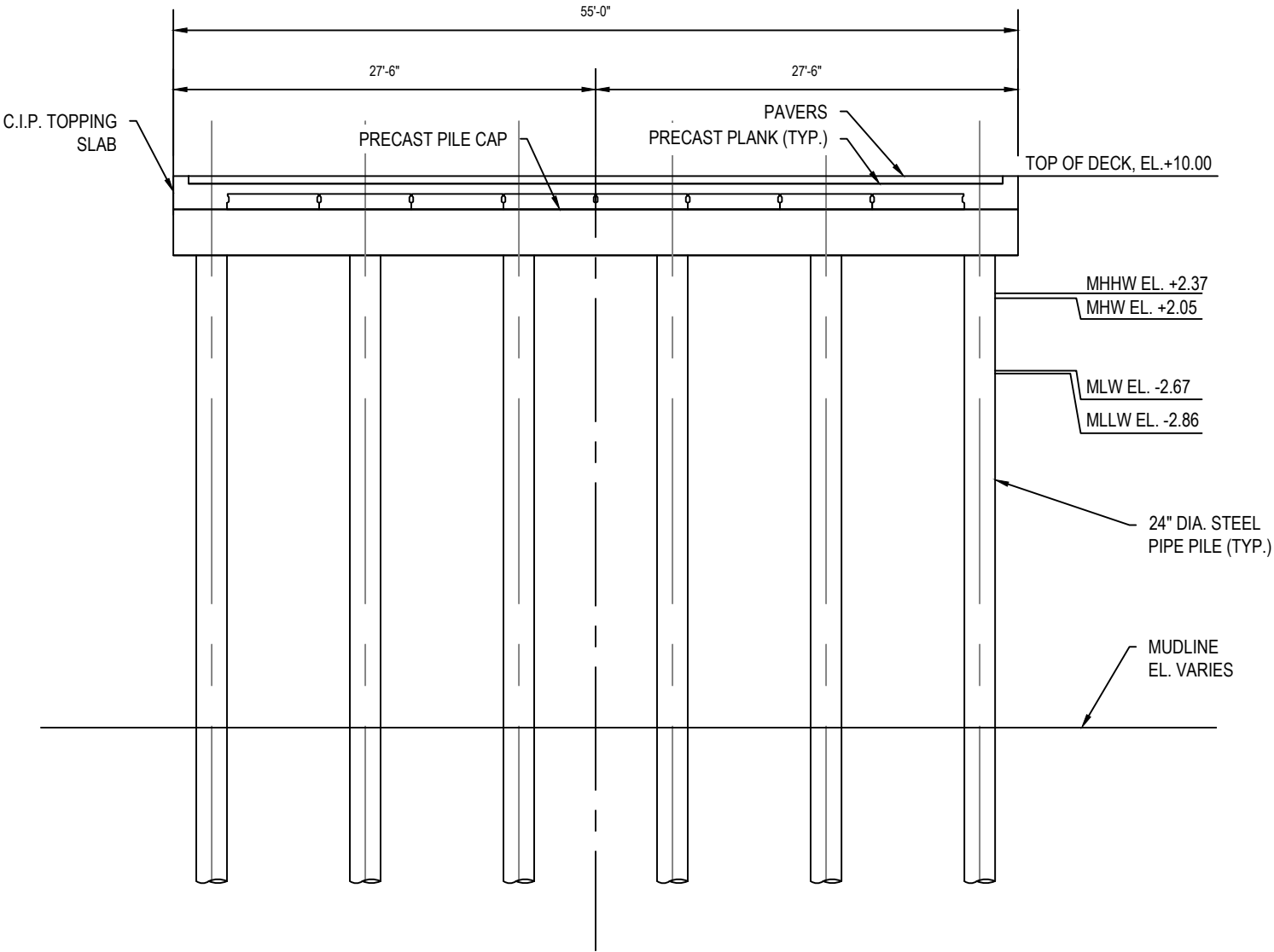
PROJECT TITLE:  
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SHEET TITLE:  
PROPOSED PIER SECTION I

PROJ. NO: 22120  
DATE: 07.18.24  
DRAWN BY: OEP  
CHKD BY: AU

SCALE:  $\frac{3}{32}$ "=1'-0"  
DRAWING NO:  
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PROPOSED TYP. SECTION  
AT PIER

SCALE: 3/32"=1'-0"



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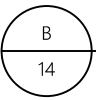
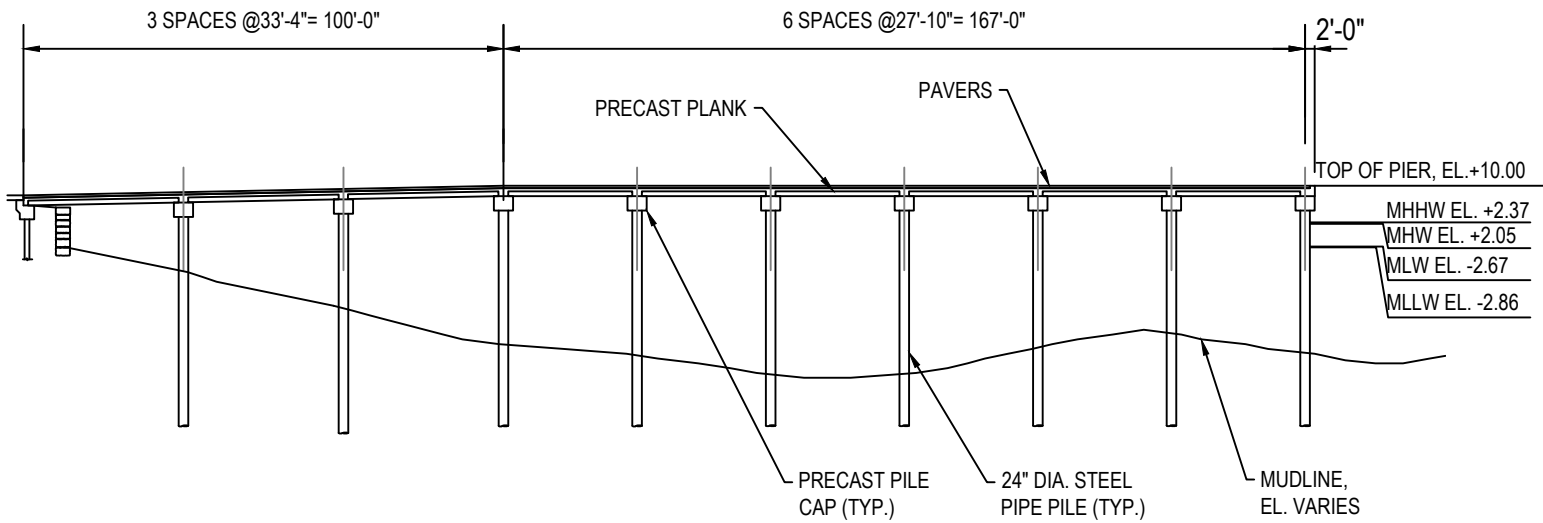
PROJECT TITLE:  
YANKEE PIER REPLACEMENT PHASE 1

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SHEET TITLE:  
PROPOSED PIER SECTION II

PROJ. NO: 22120	SCALE: 1"=40'-0"
DATE: 07.18.24	DRAWING NO:
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CHKD BY: AU	

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PROPOSED SECTION  
LONGITUDINAL

SCALE: 1"=40'-0"



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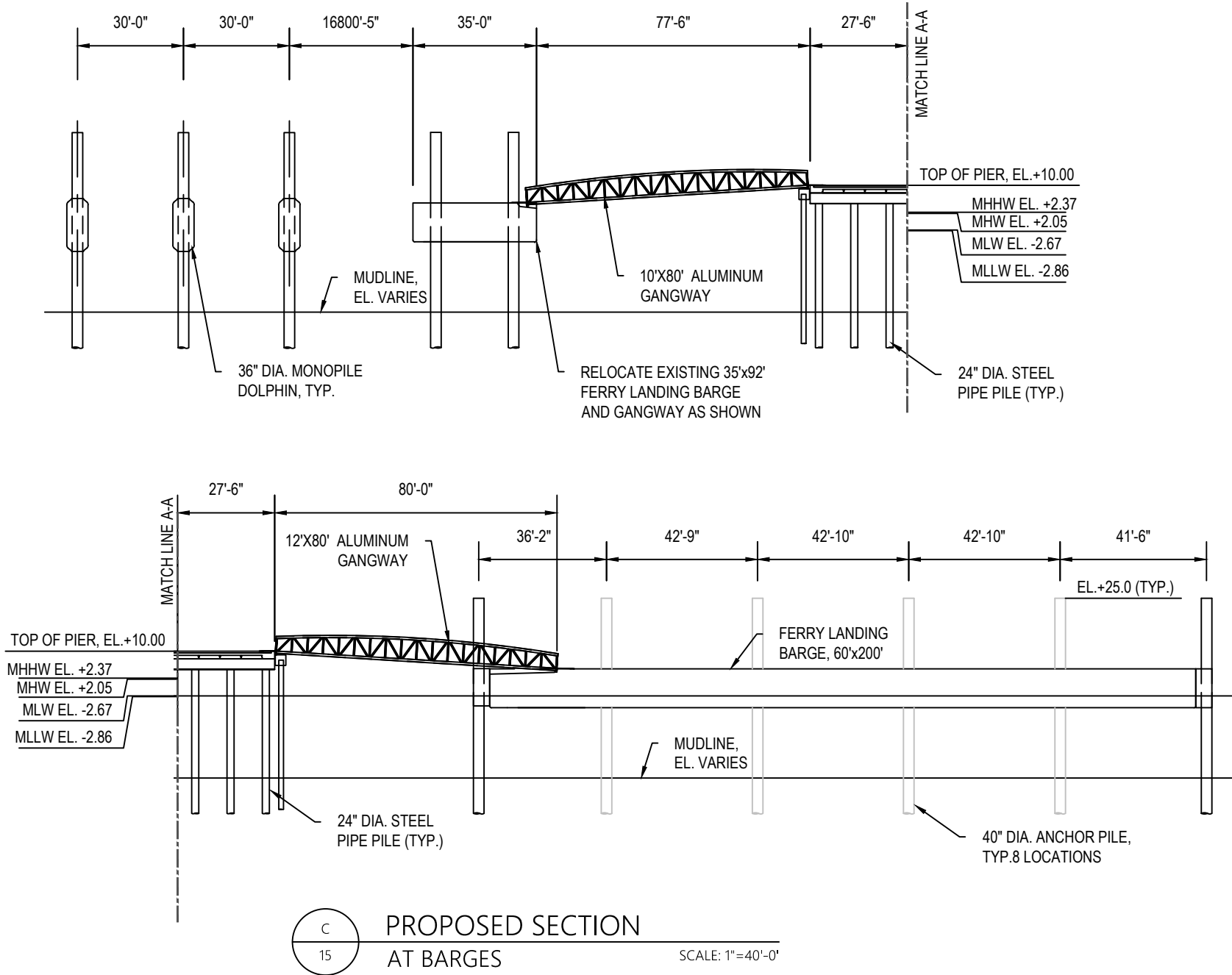
PROJECT TITLE:  
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SHEET TITLE:  
PROPOSED SECTION AT BARGES

PROJ. NO: 22120  
DATE: 07.18.24  
DRAWN BY: OEP  
CHKD BY: AU

SCALE: 1"=40'-0"  
DRAWING NO:  
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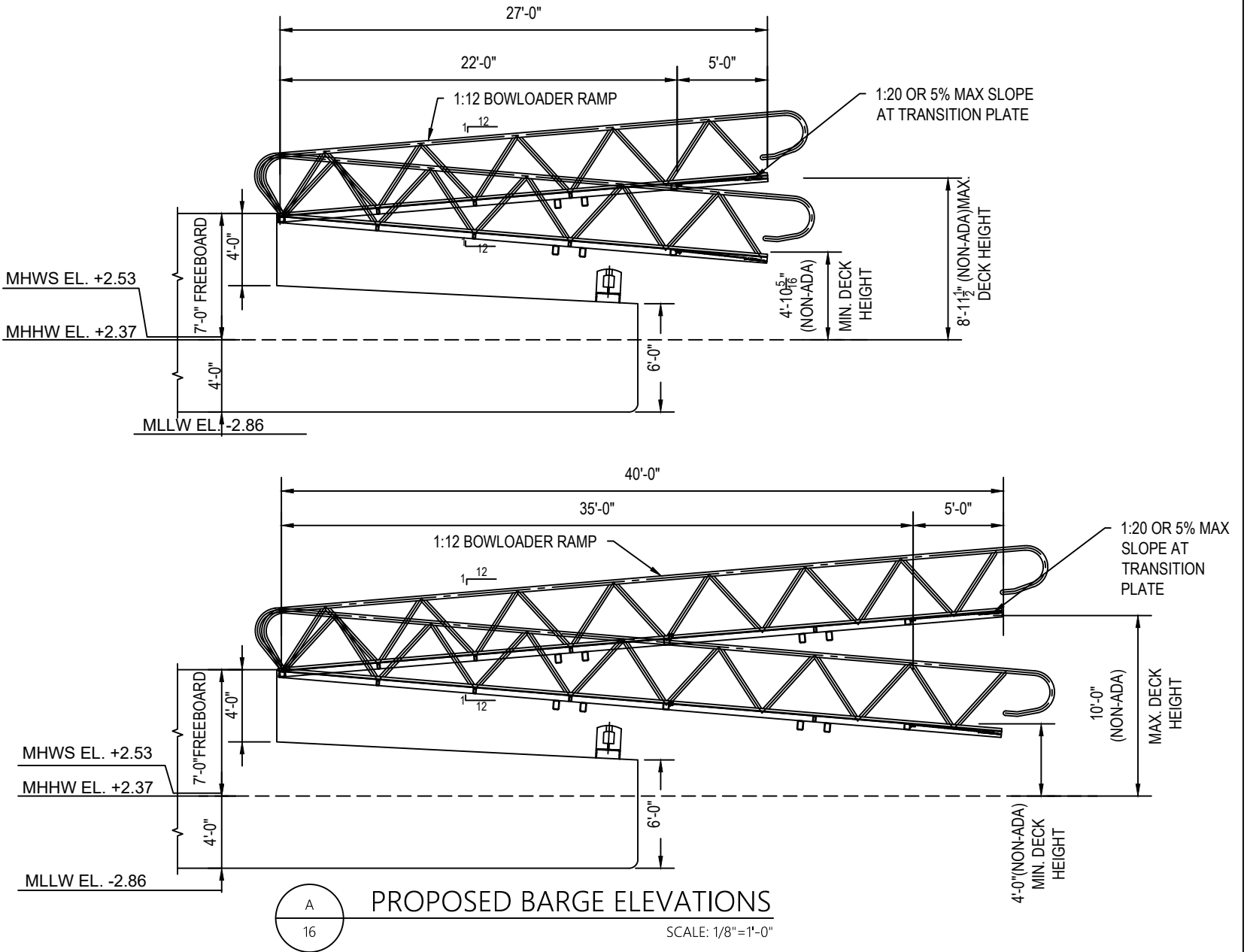




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SHEET TITLE:  
PROPOSED BARGE ELEVATIONS  
PROJ. NO: 22120  
DATE: 07.18.24  
DRAWN BY: OEP  
CHKD BY: AU  
SCALE:  $\frac{1}{8}" = 1'-0"$   
DRAWING NO:  
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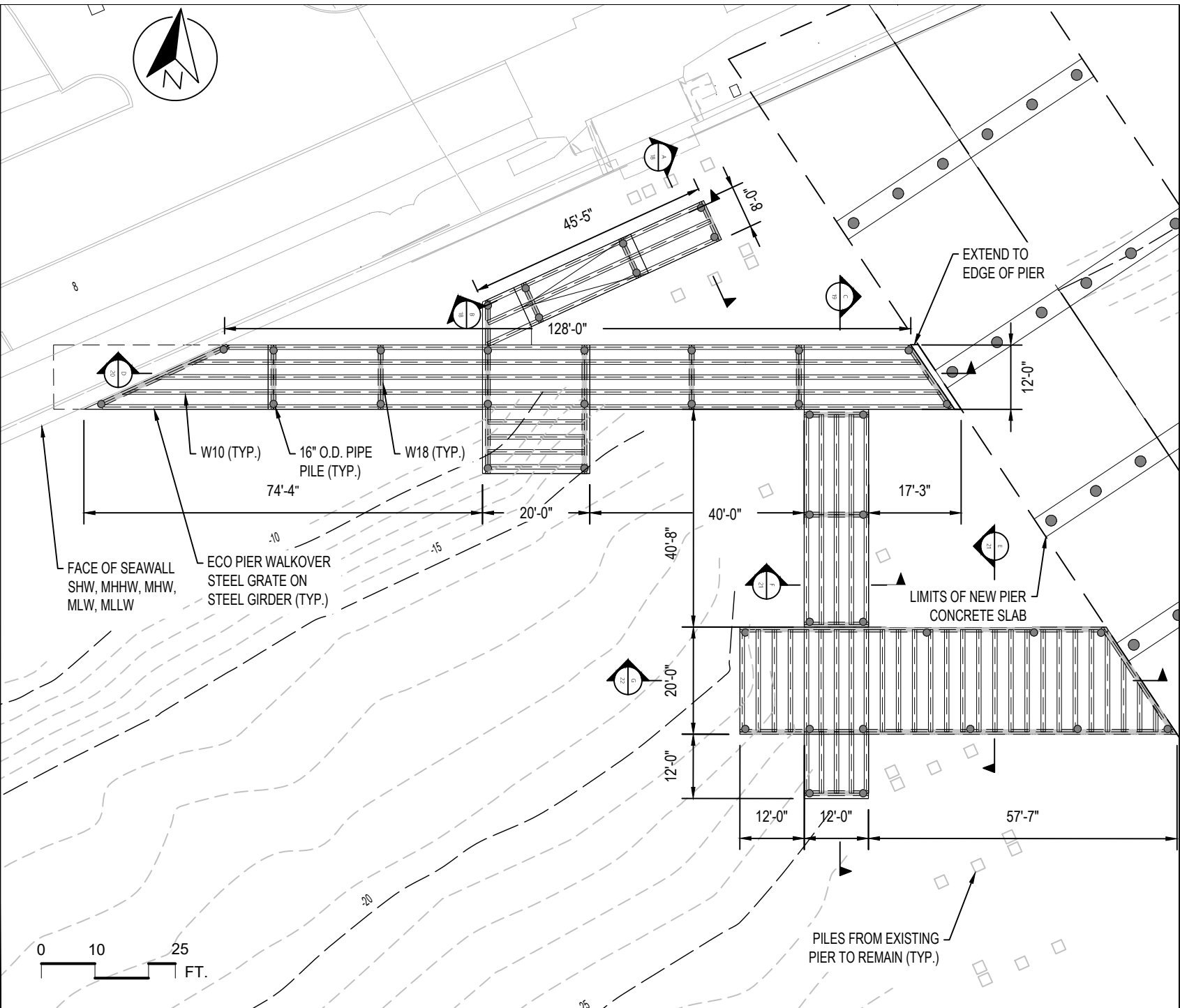
PROJECT TITLE:  
YANKEE PIER REPLACEMENT PHASE 1

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SHEET TITLE:  
PROPOSED ECO PIER PLAN

PROJ. NO: 22120  
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SCALE: AS NOTED  
DRAWING NO:  
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PROJECT TITLE:  
YANKEE PIER REPLACEMENT PHASE 1

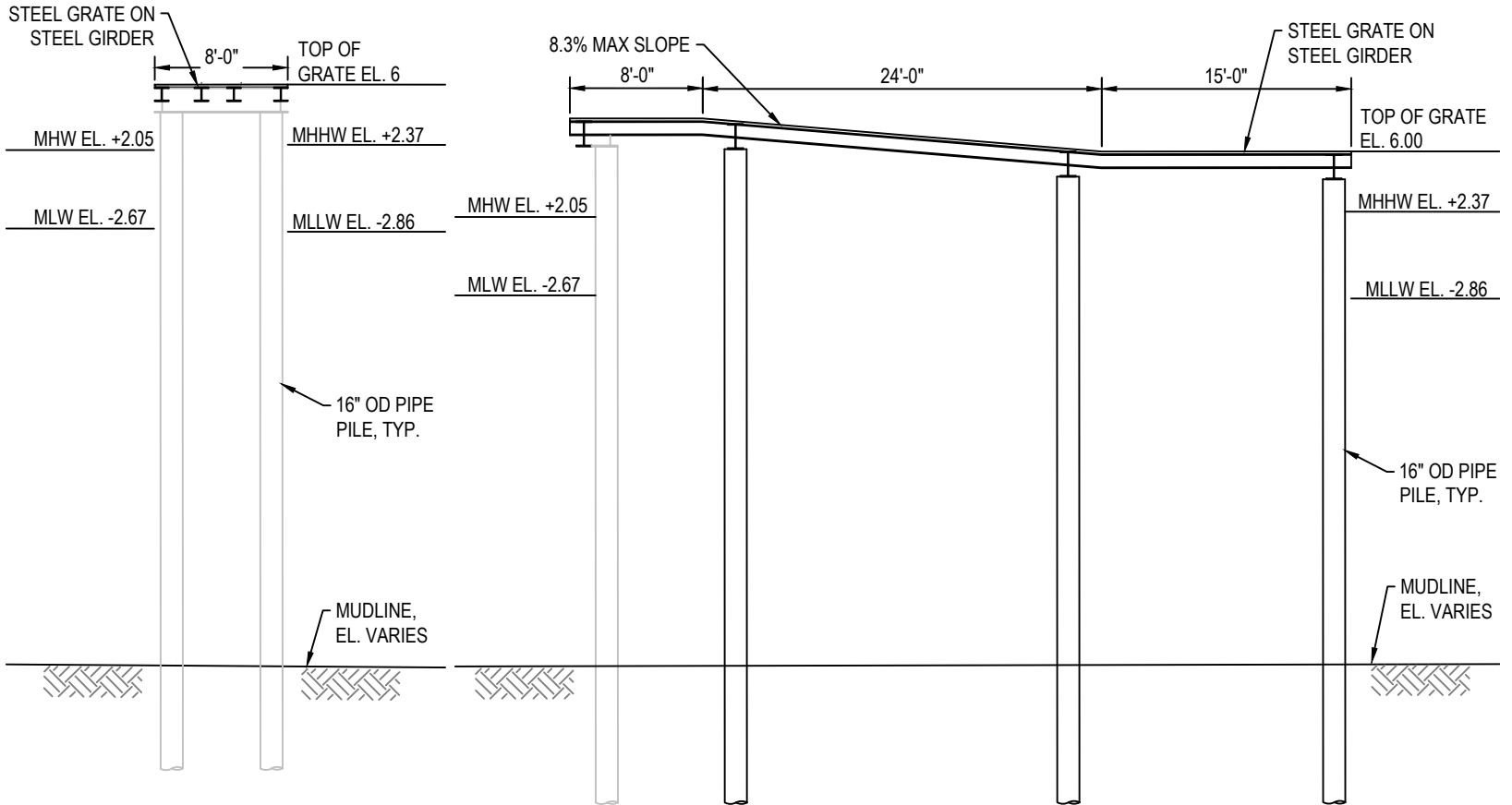
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SHEET TITLE:

PROPOSED ECO PIER SECTION I

PROJ. NO: 22120  
DATE: 07.18.24  
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SCALE: AS NOTED  
DRAWING NO:  
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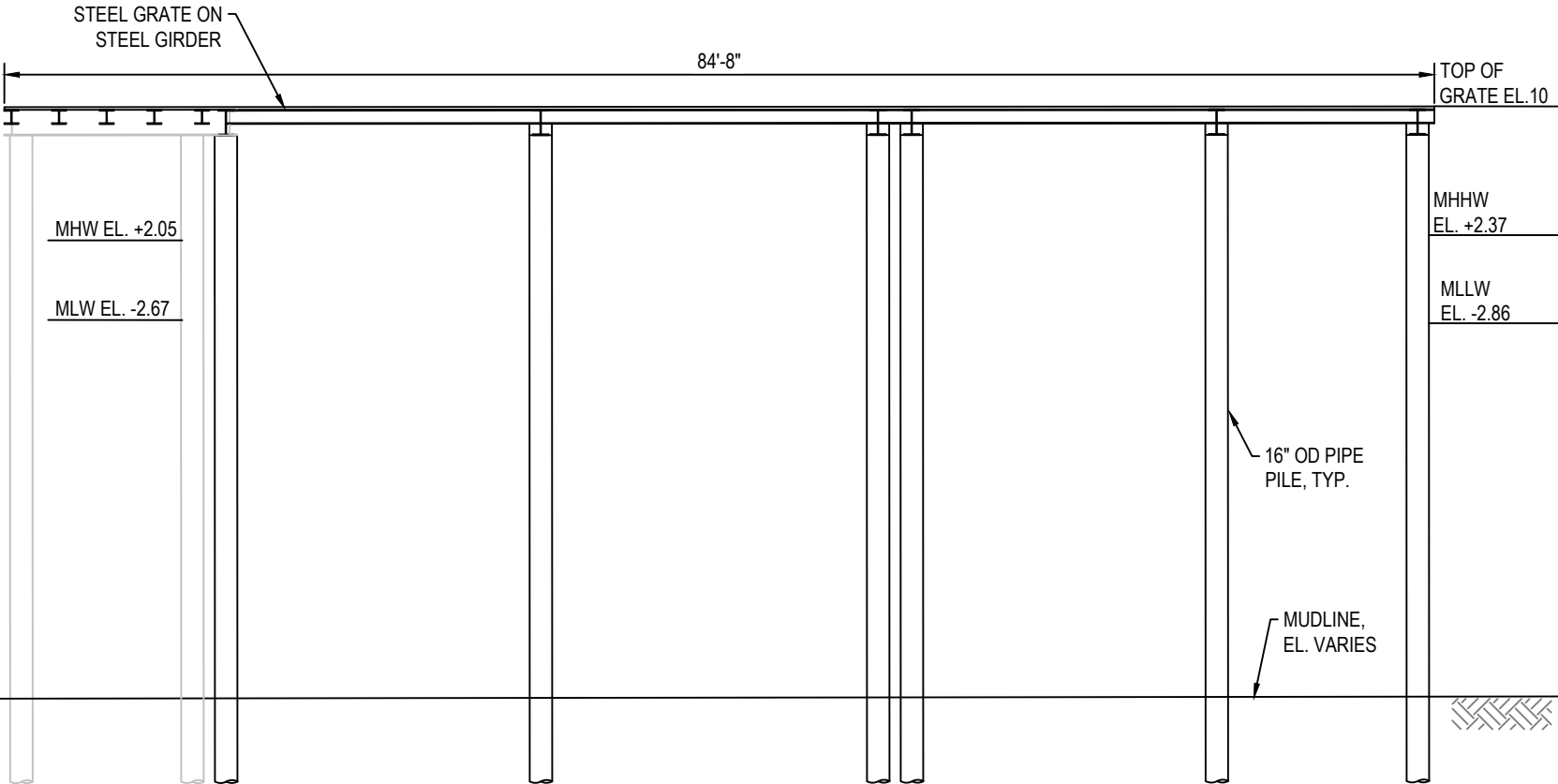
TYPICAL SECTION

SCALE: 3/32" = 1'-0"



LONGITUDINAL SECTION

SCALE: 3/32" = 1'-0"



C  
19

LONGITUDINAL SECTION

SCALE: 3/32"=1'-0"



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SHEET TITLE:  
PROPOSED ECO PIER SECTION II  
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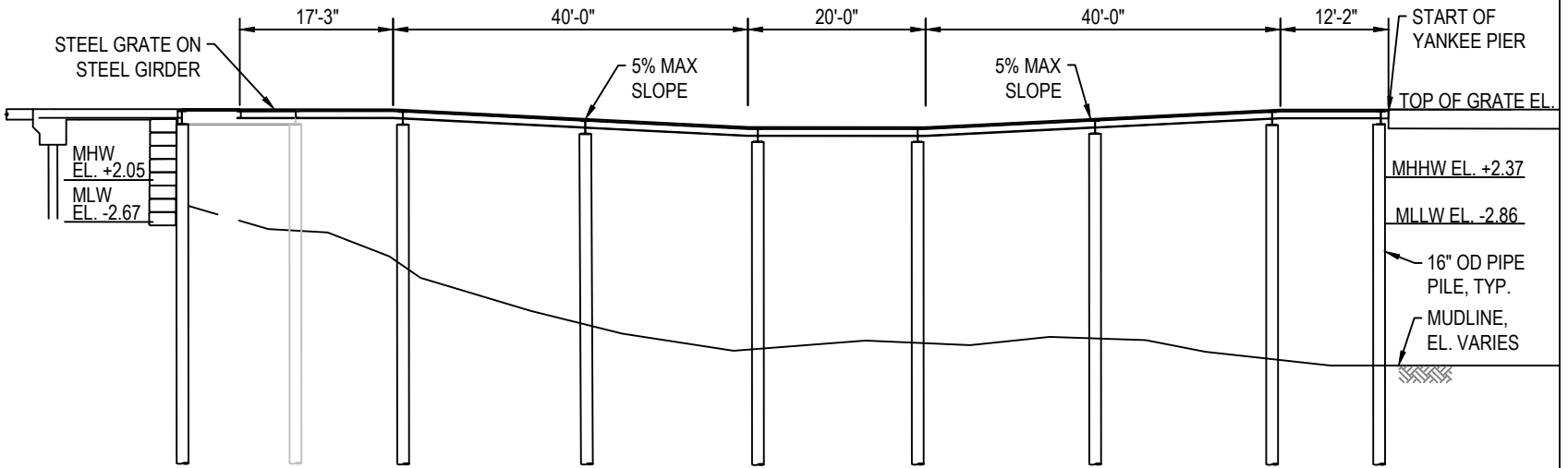
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SHEET TITLE:

PROPOSED ECO PIER SECTION III

PROJ. NO: 22120  
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SCALE: 1"=20'-0"  
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LONGITUDINAL SECTION

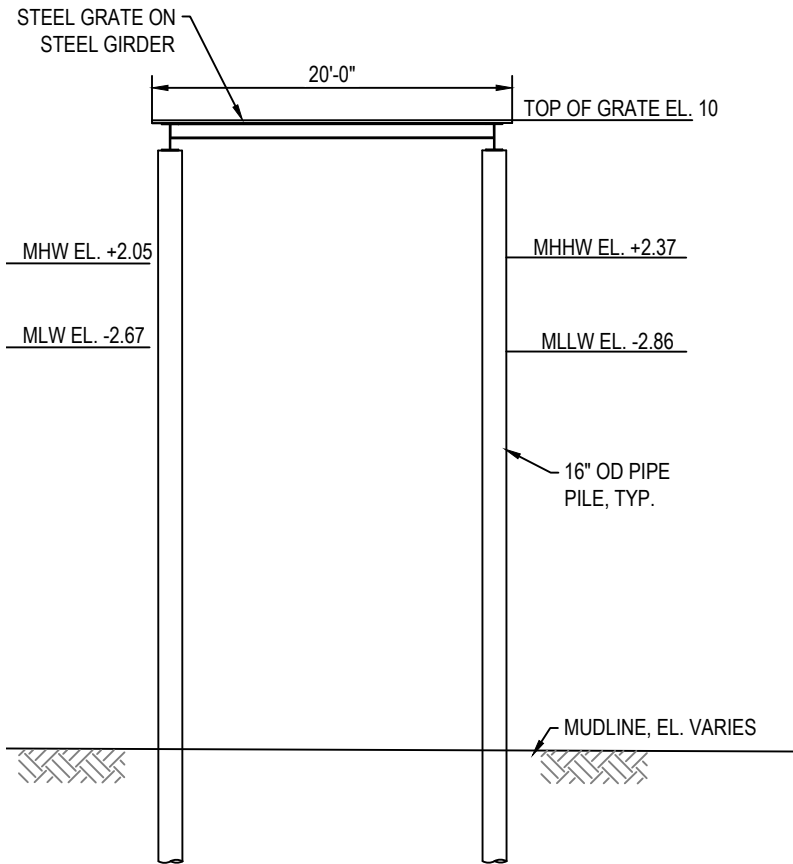
SCALE: 1"=20'-0"



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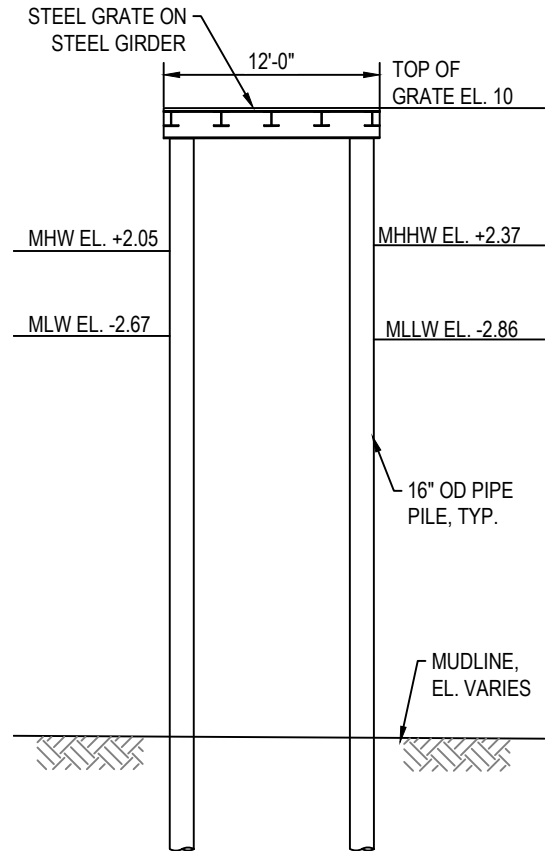
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SHEET TITLE:  
PROPOSED ECO PIER SECTION IV  
PROJ. NO: 22120  
DATE: 07.18.24  
DRAWN BY: OEP  
CHKD BY: AU  
SCALE:  $\frac{3}{32}$ "=1'-0"  
DRAWING NO:  
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TYP. SECTION

SCALE: 3/32"=1'-0"



TYP. SECTION

SCALE: 3/32"=1'-0"



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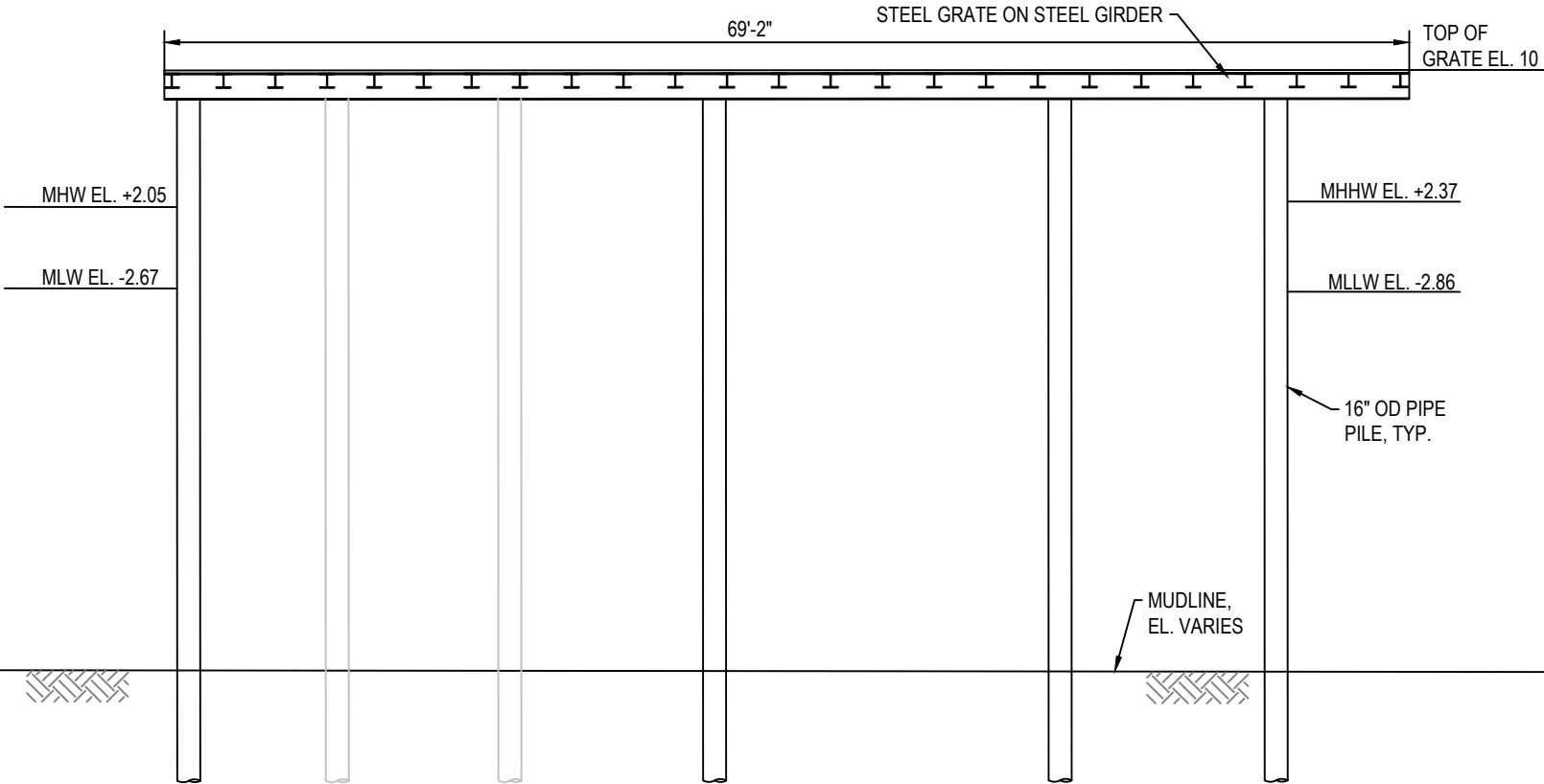
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SHEET TITLE:

PROPOSED ECO PIER SECTION V

PROJ. NO: 22120  
DATE: 07.18.24  
DRAWN BY: OEP  
CHKD BY: AU

SCALE:  $\frac{3}{32}$ "=1'-0"  
DRAWING NO:  
22 OF 22



LONGITUDINAL SECTION

SCALE:  $\frac{3}{32}$ "=1'-0"