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To: [dos.sm.Cstl.CR](#)
Cc: [Permits](#); [Mike Braitto](#); [chahn@vachris.com](#); [ADEPASQUALE@VACHRIS.COM](#); [Nguyen, Robert](#)
Subject: 230871 Chelsea Piers NYC Public Access Improvements
Date: Friday, November 17, 2023 7:52:19 AM
Attachments: [image001.png](#)
[image003.png](#)
[2023-11-16 Chelsea Piers NYC JPA 230871_Agencies.zip](#)

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Good Morning,

Please find attached the permit application for the Chelsea Piers NYC Public Access Improvements project located in Manhattan, New York. Please let me know if you have any comments or questions.

Thank you!

Sincerely,
Rebecca

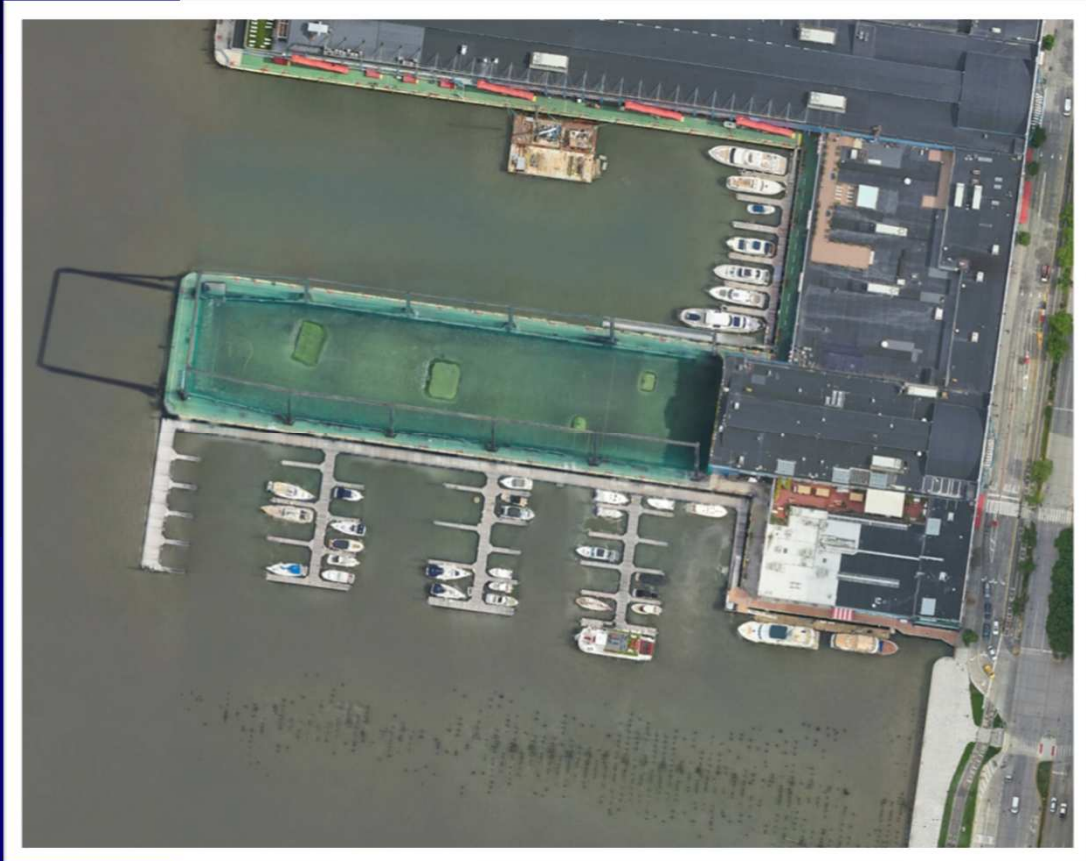
Rebecca Morrow, CFM

Associate, McLaren Engineering Group
212.324.6300 x6451 | 856.296.5382 (c) | www.mgmclaren.com | [in](#)



Chelsea Piers NYC Public Access Improvements

Permit Application



Prepared for:
Chelsea Piers, LP
Pier 62, Suite 300
New York, NY 10011

McLaren # 230871
November 2023

Prepared by:



McLaren
ENGINEERING GROUP

530 Chestnut Ridge Road, Woodcliff Lake, New Jersey 07677
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Agency Submittal Information

Agency Submittal Information

Attention: Regulatory Branch

U.S. Army Corps of Engineers, New York District Office (USACE)

26 Federal Plaza, Room 16-406

New York, NY 10278-0090

(917) 790-8511

Attention: Consistency Review Unit Division of Coastal Resources

New York State Department of State (NYSDOS)

One Commerce Plaza

99 Washington Ave, Suite 1010

Albany, NY 12231-00001

(518) 474-6000

Attention: Director of Waterfront and Open Space

New York City Department of City Planning (NYCDCP)

120 Broadway, 31st Floor

New York, NY 10271

(212) 720-3626

Section I

**New York District
United States Army Corps of Engineers**



JOINT APPLICATION FORM

For Permits for activities affecting streams, waterways, waterbodies, wetlands, coastal areas, sources of water, and endangered and threatened species.

You must separately apply for and obtain Permits from each involved agency before starting work. Please read all instructions.

1. Applications To:

>NYS Department of Environmental Conservation

☐ Check here to confirm you sent this form to NYSDEC.

Check all permits that apply:

☐ Stream Disturbance

☐ Dams and Impoundment Structures

☐ Tidal Wetlands

☐ Water Withdrawal

☐ Excavation and Fill in Navigable Waters

☐ 401 Water Quality Certification*

☐ Wild, Scenic and Recreational Rivers

☐ Long Island Well

☐ Docks, Moorings or Platforms

☐ Freshwater Wetlands

☐ Coastal Erosion Management

☐ Incidental Take of Endangered / Threatened Species

* See Instructions (page 3)

>US Army Corps of Engineers

☒ Check here to confirm you sent this form to USACE.

Check all permits that apply: ☐ Section 404 Clean Water Act

☒ Section 10 Rivers and Harbors Act

Is the project Federally funded? Yes ☐ No ☒

If yes, name of Federal Agency:

General Permit Type(s), if known:

Preconstruction Notification: Yes ☐ No ☐

>NYS Office of General Services

☐ Check here to confirm you sent this form to NYSOGS.

Check all permits that apply:

☐ State Owned Lands Under Water

☐ Utility Easement (pipelines, conduits, cables, etc.)

☐ Docks, Moorings or Platforms

>NYS Department of State

☒ Check here to confirm you sent this form to NYSDOS.

Check if this applies: ☒ Coastal Consistency Concurrence

2. Name of Applicant

Chelsea Piers, LP. attn: Michael Braitto

Taxpayer ID (if applicant is NOT an individual)

13-3668842

Mailing Address

Pier 62, Suite 300

Post Office / City

New York

State

NY

Zip

10011

Telephone 212-336-6837

Email mbraitto@chelseapiers.com

Applicant Must be (check all that apply): ☐ Owner ☐ Operator ☒ Lessee

3. Name of Property Owner (if different than Applicant)

Hudson River Park Trust Attn: Noreen Doyle, CEO and Presiden

Mailing Address

Pier 40
353 West Street

Post Office / City

New York

State

NY

Zip

10014

Telephone 917-661-8756

Email NDoyle@hrpt.ny.gov

For Agency Use Only

Agency Application Number:

4. Name of Contact / Agent

Kaitlyn Frega, CFM

Mailing Address

530 Chestnut Ridge Road

Post Office / City

Woodcliff Lake

State

NJ

Zip

07677

Telephone 201-775-6000

Email permits@mgmclaren.com

5. Project / Facility Name

Chelsea Piers NYC Public Access Improvements

Property Tax Map Section / Block / Lot Number:

Block 662 Lot 7

Project Street Address, if applicable

Pier 59 at Chelsea Piers

Post Office / City

New York

State

NY

Zip

10011

Provide directions and distances to roads, intersections, bridges and bodies of water

Platform work to take place on Pier 59 at the corner of 11th Avenue and 17th Street. Seawall work to take place between Pier 57 and Pier 59.

Town

New York

Village



City

County

New York

Stream/Waterbody Name

Hudson River

Project Location Coordinates: Enter Latitude and Longitude in degrees, minutes, seconds:

Latitude: 40 ° 44 ' 41.9N " Longitude: 74 ° 0 ' 33.04W "

6. Project Description: Provide the following information about your project. Continue each response and provide any additional information on other pages. **Attach plans on separate pages.**

a. Purpose of the proposed project:

This project will provide smoother transition by more people to access the waterfront walkways by way of wider overwater walkway to improve the choke point and provide wider access from the Hudson River Park leading to the public walkway within Chelsea Piers.

b. Description of current site conditions:

The walkway area includes an existing pentagonal pile supported walkway at the western end transitioning to a rectangular cantilevered walkway back to the bulkhead/street that totals 2,973 square feet (SF). Running parallel to the cantilevered walkway is an existing 10'x145' floating dock (1,450 SF) anchored by six steel piles. An aluminum gangway extends from the pentagonal walkway down to the floating dock.

c. Proposed site changes:

The existing walkway will be removed and replaced with a pile supported walkway. The new walkway will be widened at the eastern end to meet the existing shoreline esplanade (Hudson River Greenway) to the southeast and will cover an area of 5,447 SF (2,474 SF more). The new walkway will be supported by 36 10.75-inch diameter closed end steel pipe piles. Where the new platform meets the granite block seawall, a new vertical 29.5'x3.83' concrete seawall extension will be installed to meet the existing grade. All work along the seawall will occur above SHW and MHW.

d. Type of structures and fill materials to be installed, and quantity of materials to be used (e.g., square feet of coverage, cubic yards of fill material, structures below ordinary/mean high water, etc.):

No fill is anticipated as the proposed hollow steel pipe piles are not classified as fill by NYSDEC/USACE. The extended platform will result in 2,474 SF of additional overwater coverage.

e. Area of excavation or dredging, volume of material to be removed, location of dredged material placement:

None proposed.

f. Is tree cutting or clearing proposed?

Yes If Yes, explain below.



No

Timing of the proposed cutting or clearing (month/year):

Number of trees to be cut:

Acreage of trees to be cleared:

g. Work methods and type of equipment to be used:

Work will be done from the water with a barge crane and work barge to remove the existing structure and install the new piles and framing. All debris will be removed by barge. The installation of the timber decking and railing will progress from a staging area within the existing pier.

h. Describe the planned sequence of activities:

Construction phasing is as follows: 1. Construct site safety fence and prepare the site for construction. 2. Position the barge in accordance with all regulations and requirements. 3. Install all necessary water safety and containment booms in accordance with all regulations. 4. Remove existing railing, timber decking, and timber framing and place on the work barge. 5. Remove existing steel framing and steel piles and place on work barge. 6. Install new closed end steel piles and framing. 7. Install new timber joists. 8. Install new steel railing. 9. Install new composite timber decking. 10. Work completes and final finishes added. 11. BMPs are removed from site. 12. Contractor demobilizes from project site.

i. Pollution control methods and other actions proposed to mitigate environmental impacts:

Best Management Practices (BMPs) will be used throughout construction to minimize impacts to the environment and protect the waterway. A containment boom will be deployed around the pile construction area when work is being conducted. All demolition and construction debris will be properly disposed of at an approved off-site facility. A spill kit will remain on-site during construction. Increases in suspended sediment during in-water activities are anticipated to be minimal, to be concentrated within the vicinity of work, and to dissipate quickly and without significant adverse impacts to water quality or aquatic biota. Additionally, work will adhere to all required environmental moratoriums, and work will be accomplished at low tide as practically as possible. Construction will not interfere with navigation.

j. Erosion and silt control methods that will be used to prevent water quality impacts:

HRPT anticipates that the permit conditions from the original 1999 and 2000 Hudson River Park permits will be incorporated into the new permit, and the work will comply with those conditions. As discussed in the response above, localized turbidity from in-water work will be minimized through the use of floating containment booms to contain any errant debris.

k. Alternatives considered to avoid regulated areas. If no feasible alternatives exist, explain how the project will minimize impacts:

Please refer to the response to Item 5 in the Environmental Questionnaire appended to this application. The following alternatives were evaluated: no action, alternative public access points, and alternative platform design. The result of the alternatives analysis shows that the current proposed plan is the best available option.

l. Proposed use: ☐ Private ☒ Public ☐ Commercial

m. Proposed Start Date: February 2024 Estimated Completion Date: June 2024

n. Has work begun on project? Yes If Yes, explain below. ☒ No

o. Will project occupy Federal, State, or Municipal Land? ☒ Yes If Yes, explain below. No

All property is controlled by the HRPT under long-term leases, pursuant to the Hudson River Park Act. The Act authorizes the HRPT to design, build, operate, and maintain Hudson River Park.

p. List any previous DEC, USACE, OGS or DOS Permit / Application numbers for activities at this location:

The original design for HRP, was approved in DEC permit 2-6299-00004 and USACE permit NAN-1998-00290 (both have been extended and amended), included the construction of an over-water platform south of Pier 59 along with a "balcony" for a total area of 19,050 SF. To date, only 6,920 SF of platform has been constructed, leaving 12,130 SF of permitted coverage not yet constructed.

q. Will this project require additional Federal, State, or Local authorizations, including zoning changes?

☒ Yes If Yes, list below. ☐ No

NYCDP WRP concurrence.

7. Signatures.

Applicant and Owner (If different) must sign the application. If the applicant is the landowner, the **landowner attestation form** can be used as an electronic signature as an alternative to the signature below, if necessary. Append additional pages of this Signature section if there are multiple Applicants, Owners or Contact/Agents.

I hereby affirm that information provided on this form and all attachments submitted herewith is true to the best of my knowledge and belief.

Permission to Inspect - I hereby consent to Agency inspection of the project site and adjacent property areas. Agency staff may enter the property without notice between 7:00 am and 7:00 pm, Monday - Friday. Inspection may occur without the owner, applicant or agent present. If the property is posted with "keep out" signs or fenced with an unlocked gate, Agency staff may still enter the property. Agency staff may take measurements, analyze site physical characteristics, take soil and vegetation samples, sketch and photograph the site. I understand that failure to give this consent may result in denial of the permit(s) sought by this application.

False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the NYS Penal Law. Further, the applicant accepts full responsibility for all damage, direct or indirect, of whatever nature, and by whomever suffered, arising out of the project described herein and agrees to indemnify and save harmless the State from suits, actions, damages and costs of every name and description resulting from said project. In addition, Federal Law, 18 U.S.C., Section 1001 provides for a fine of not more than \$10,000 or imprisonment for not more than 5 years, or both where an applicant knowingly and willingly falsifies, conceals, or covers up a material fact, or knowingly makes or uses a false, fictitious or fraudulent statement.

Signature of Applicant

Date

Michael Brailo

10/31/2023

Applicant Must be (check all that apply): ☐ Owner ☐ Operator ☒ Lessee

Printed Name

Title

Michael Brailo, PE

SVP GM Chelsea Piers LP

Signature of Owner (if different than Applicant)

Date

Noreen Doyle

11/14/23

Printed Name

Title

Noreen Doyle

CEO and President, Hudson River Park Trust

Signature of Contact / Agent

Date

Kaitlyn Frega

10/30/23

Printed Name

Title

Kaitlyn Frega, CFM

Associate

For Agency Use Only

DETERMINATION OF NO PERMIT REQUIRED

Agency Application Number

(Agency Name) has determined that No Permit is required from this Agency for the project described in this application.

Agency Representative:

Printed Name

Title

Signature

Date

ENVIRONMENTAL QUESTIONNAIRE

This is intended to supplement ENG Form 4345, Application for Department of the Army Permit, or the Joint Application for Permit used in the State of New York. Please provide complete answers to all questions below which are relevant to your project. Any answers may be continued on separate sheet(s) of paper to be attached to this form.

PRIVACY ACT STATEMENT

The purpose of this form is to provide the Corps of Engineers with basic information regarding your project. This information will be used to facilitate evaluation of your permit application and for public dissemination as required by regulation. Failure to provide complete information may result in your application being declared incomplete for processing, thereby delaying processing of your application.

GENERAL--APPLICABLE TO ALL PROJECTS

1. Explain the need for, and purpose of, the proposed work.

This project will provide smoother transition by more people to access the waterfront walkways by way of wider overwater walkway to improve the choke point and provide wider access from the Hudson River Park leading to the public walkway within Chelsea Piers.

2. Provide the names and addresses of property owners adjacent to your work site (if not shown on the application form or project drawings).

The following properties are located north of project site:

Property 1
Hudson River Park
Block 662 Lot 62
Pier 62
Owner: Hudson River Park Trust

The following properties are located south of the project site:

Property 1 Hudson River Park
Block 662 Lot 3
25 11th Avenue
New York, NY 10011
Owner: Hudson River Park Trust

The following properties are located east of project site:

Property 1
11th Avenue (New York State Route 9A)
New York, NY 10011
Owner: New York State Department of Transportation

The following properties are located west of project site:

Property 1
Hudson River

(Please note that depending upon the nature and extent of your project, you may be requested to provide the names and addresses of additional property owners proximate to your project site to ensure proper coordination.)

3. Photographs of the project site should be submitted. For projects in tidal areas, photographs of the waterway vicinity should be taken at low tide. Using a separate copy of your plan view, indicate the location and direction of each photograph as well as the date and time at which the photograph was taken. Provide a sufficient number of photographs so as to provide a clear understanding of conditions on and proximate to your project site.

Please refer to Section III for site photos.

4. Provide a copy of any environmental impact statement, or any other environmental report which was prepared for your project.

None have been prepared for this project.

5. Provide a thorough discussion of alternatives to your proposal. This discussion should include, but not necessarily be limited to, the "no action" alternative and alternative(s) resulting in less disturbance to waters of the United States. For filling projects in waters of the United States, including wetlands, your alternatives discussion should demonstrate that there are no practicable alternatives to your proposed filling and that your project meets with current mitigation policy (i.e. avoidance, minimization and compensation).

The following alternatives were evaluated. It was determined the proposed action is the preferred alternative for the project.

Alternative 1 – No Action

The current overwater access platform is insufficient to accommodate the large volume of people using the platform each day. Unsafe conditions would continue if the overwater access platform is not widened. As such, the no action alternative would not be aligned with the goal of

the project and therefore this alternative is not pursued by the Applicant.

Alternative 2 – Alternative Public Access Points

Creating new public access routes along the Hudson River is impeded by the existing building north of the platform. The only feasible pedestrian route would be to direct pedestrians east of the building along the Hudson River Greenway at 11th Avenue and then back along the Hudson River. This alternative is not feasible as it would increase the pedestrians walking along the Hudson River Greenway without widening the path to accommodate more pedestrians. Additionally, this could create a conflict between pedestrians and vehicular traffic along 11th Avenue. Therefore, this alternative is not pursued by the Applicant.

Alternative 3 – Alternative Platform Design

The existing overwater access platform is part of an existing public access route along the Hudson River within Hudson River Park. There is no viable reconfiguration of the overwater access platform that would eliminate overwater coverage as waterfront access is required to board and disembark the boats. Furthermore, the public access route connects the waterfront at the same elevations and modifying the configuration would create unsafe pedestrian access. Therefore, this alternative is not pursued by the Applicant.

Alternative 4 – Enlarge Overwater Walking Platform and Reconfigure Floating Dock (Preferred Alternative)

This purpose of the project is to allow a smoother transition by more people to access the waterfront walkways by way of wider overwater walkway to reduce congestion and provide safer access to the Chelsea Piers complex along the east side of the facility. The new walkway will be widened at the eastern end to meet the existing shoreline esplanade (Hudson River Greenway) to the southeast and will cover an area of 5,447 SF (2,474 SF more). The new walkway will be supported by 36 10.75" hollow steel pipe piles. Where the new platform meets the granite block seawall, a new vertical 29.5'x3.83' concrete seawall extension will be installed to meet the existing grade. All work along the seawall will occur above SHW and MHW. Work will be done from the water with a barge crane and work barge to remove the existing structure and install the new piles and framing. All debris will be removed by barge. The installation of the timber decking and railing will progress from a staging area within the existing pier.

DREDGING PROJECTS

Answer the following if your project involves dredging.

The project does not propose dredging.

1. Indicate the estimated volume of material to be dredged and the depth (below mean low water) to which dredging would occur. Would there be overdepth dredging?

N/A

2. You can apply for a ten-year permit for maintenance dredging. If you wish to apply for a ten-year permit, please provide the number of additional dredging events during the ten-year life of the permit and the amount of material to be removed during future events.

N/A

3. Indicate of your drawings the dewatering area (if applicable) and disposal site for the dredged material (except landfill sites). Submit a sufficient number of photographs of the dewatering and disposal sites as applicable so as to provide a clear indication of existing conditions. For ten-year maintenance dredging permits, indicate the dewatering/disposal sites for future dredging events, if known.

N/A

4. Describe the method of dredging (i.e. clamshell, dragline, etc.) and the expected duration of dredging.

N/A

5. Indicate the physical nature of the material to be dredged (i.e. sand, silt, clay, etc.) and provide estimated percentages of the various constituents if available. For beach nourishment projects, grain size analysis data is required.

N/A

6. Describe the method of dredged material containment (i.e. hay bales, embankment, bulkhead, etc.) and whether return flow from the dewatering/disposal site would reenter any waterway. Also indicate if there would be any barge overflow.

N/A

MOORING FACILITIES

Answer the following if your project includes the construction or rehabilitation of recreational mooring facilities.

The project does not propose the construction or rehabilitation of recreational mooring facilities.

1. It is generally recommended that any fixed piers and walk ramps be limited to four feet in width, and that floats be limited to eight feet in width and rest at least two feet above the waterway bottom at mean low water. Terminal floats at private, non-commercial facilities should be limited to 20 feet in length. If you do not believe your proposal can meet with these recommendations, please provide the reason(s).

N/A

2. Using your plan view, show to scale the location(s), position(s) and size(s) (including length, beam and draft) of vessel(s) to be moored at the proposed facility, including those of transient vessel(s) if known.

N/A

3. For commercial mooring sites such as marinas, indicate the capacity of the facility and indicate on the plan view the location(s) of any proposed fueling and/or sewage pumpout facilities. If pumpout facilities are not planned, please discuss the rationale below and indicate the distance to the nearest available pumpout station.

N/A

4. Indicate on your plan view the distance to adjacent marine structures, if any are proximate and show the locations and dimensions of such structures.

N/A

5. Discuss the need for wave protection at the proposed facility. Please be advised that if a permit is issued, you would be required to recognize that the mooring facility may be subject to wave action from wakes of passing vessels, whose operations would not be required to be modified. Issuance of a permit would not relieve you of ensuring the integrity of the authorized structure(s) and the United States would not be held responsible for damages to the structure(s) and vessel(s) moored thereto from wakes from passing vessels.

N/A

BULKHEADING/BANK STABILIZATION/FILLING ACTIVITIES

Answer the following if your project includes construction of bulkheading (also retaining walls and seawalls) with backfill, filling of waters/wetlands, or any other bank stabilization fills such as riprap, revetments, gabions, etc.

1. Indicate the total volume of fill (including backfill behind a structure such as a bulkhead) as well as the volume of fill to be placed into waters of the United States. The amount of fill in waters of the United States can be determined by calculating the amount of fill to be placed below the plane of spring high tide in tidal areas and below ordinary high water in non-tidal areas.

No fill is anticipated as the proposed hollow steel pipe piles would not be filled and are not classified as fill by NYSDEC. The extended platform will result in 2,474 SF of additional overwater coverage.

2 Indicate the source(s) and type(s) of fill material.

N/A

3. Indicate the method of fill placement (i.e. by hand, bulldozer, crane, etc.). Would any temporary fills be required in waterways or wetlands to provide access for construction equipment? If so, please indicate the area of such waters and/or wetlands to be filled, and show on the plan and sectional views.

N/A

The foregoing requests basic information on the most common types of projects requiring Department of the Army permits. It is intended to obviate or reduce the need for requesting additional information; however, additional information may be requested above and beyond what is requested in this form.

Please feel free to add any additional information regarding your project which you believe may facilitate our review.

Section II

New York City Waterfront Revitalization Program Consistency

NEW YORK CITY WATERFRONT REVITALIZATION PROGRAM

Consistency Assessment Form

Proposed actions that are subject to CEQR, ULURP or other local, state or federal discretionary review procedures, and that are within New York City's Coastal Zone, must be reviewed and assessed for their consistency with the [New York City Waterfront Revitalization Program](#) (WRP) which has been approved as part of the State's Coastal Management Program.

This form is intended to assist an applicant in certifying that the proposed activity is consistent with the WRP. It should be completed when the local, state, or federal application is prepared. The completed form and accompanying information will be used by the New York State Department of State, the New York City Department of City Planning, or other city or state agencies in their review of the applicant's certification of consistency.

A. APPLICANT INFORMATION

Name of Applicant: Chelsea Piers, LP. attn: Michael Braitto

Name of Applicant Representative: M.G. McLaren Engineering and Land Surveying, P.C.

Address: Pier 62, Suite 300 New York, NY 10011

Telephone: 212-326-6666 Email: mbraitto@chelseapiers.com

Project site owner (if different than above): _____

B. PROPOSED ACTIVITY

If more space is needed, include as an attachment.

I. Brief description of activity

The existing walkway will be removed and replaced with a pile supported walkway. The new walkway will be wider at the eastern end to meet the existing shoreline esplanade (Hudson River Greenway) to the southeast and will cover an area of 5,447 SF (2,474 SF more). The new walkway will be supported by 36 10.75-inch hollow steel pipe piles. Where the new platform meets the granite block seawall, a new vertical 29.5'x3.83' concrete seawall extension will be installed to meet the existing grade. All work along the seawall will occur above SHW and MHW. No fill is anticipated as the proposed hollow steel pipe piles would not be filled with cement are not classified as fill by NYSDEC/USACE. The extended platform will result in 2,474 SF of additional overwater coverage.

2. Purpose of activity

This project will provide smoother transition by more people to access the waterfront walkways by way of wider overwater walkway to improve the choke point and provide wider access from the Hudson River Park leading to the public walkway within Chelsea Piers.

C. PROJECT LOCATION

Borough: Manhattan Tax Block/Lot(s): Block 662, Lot 7

Street Address: Platform work to take place on Pier 59 at the corner of 11th Avenue and 17th Street.
Seawall work to take place between Pier 57 and Pier 59.

Name of water body (if located on the waterfront): Hudson River

D. REQUIRED ACTIONS OR APPROVALS

Check all that apply.

City Actions/Approvals/Funding

City Planning Commission

☐ Yes ☒ No

- | | | |
|---|--|--|
| <input type="checkbox"/> City Map Amendment | <input type="checkbox"/> Zoning Certification | <input type="checkbox"/> Concession |
| <input type="checkbox"/> Zoning Map Amendment | <input type="checkbox"/> Zoning Authorizations | <input type="checkbox"/> UDAAP |
| <input type="checkbox"/> Zoning Text Amendment | <input type="checkbox"/> Acquisition – Real Property | <input type="checkbox"/> Revocable Consent |
| <input type="checkbox"/> Site Selection – Public Facility | <input type="checkbox"/> Disposition – Real Property | <input type="checkbox"/> Franchise |
| <input type="checkbox"/> Housing Plan & Project | <input type="checkbox"/> Other, explain: _____ | |
| <input type="checkbox"/> Special Permit | | |

(if appropriate, specify type: ☐ Modification ☐ Renewal ☐ other) Expiration Date: _____

Board of Standards and Appeals

☐ Yes ☒ No

- ☐ Variance (use)
☐ Variance (bulk)
☐ Special Permit

(if appropriate, specify type: ☐ Modification ☐ Renewal ☐ other) Expiration Date: _____

Other City Approvals

- | | |
|--|---|
| <input type="checkbox"/> Legislation | <input type="checkbox"/> Funding for Construction, specify: _____ |
| <input type="checkbox"/> Rulemaking | <input type="checkbox"/> Policy or Plan, specify: _____ |
| <input type="checkbox"/> Construction of Public Facilities | <input type="checkbox"/> Funding of Program, specify: _____ |
| <input type="checkbox"/> 384 (b) (4) Approval | <input type="checkbox"/> Permits, specify: _____ |
| <input type="checkbox"/> Other, explain: _____ | |

State Actions/Approvals/Funding

- ☐ State permit or license, specify Agency: _____ Permit type and number: - _____
- ☐ Funding for Construction, specify: _____
- ☐ Funding of a Program, specify: _____
- ☐ Other, explain: _____

Federal Actions/Approvals/Funding

- ☒ Federal permit or license, specify Agency: Refer to JPA Permit type and number: - _____
- ☐ Funding for Construction, specify: _____
- ☐ Funding of a Program, specify: _____
- ☐ Other, explain: _____

Is this being reviewed in conjunction with a [Joint Application for Permits?](#)

☒ Yes

☐ No

E. LOCATION QUESTIONS

1. Does the project require a waterfront site? ☒ Yes ☐ No
2. Would the action result in a physical alteration to a waterfront site, including land along the shoreline, land under water or coastal waters? ☒ Yes ☐ No
3. Is the project located on publicly owned land or receiving public assistance? ☒ Yes ☐ No
4. Is the project located within a FEMA 1% annual chance floodplain? (6.2) ☒ Yes ☐ No
5. Is the project located within a FEMA 0.2% annual chance floodplain? (6.2) ☒ Yes ☐ No
6. Is the project located adjacent to or within a special area designation? See [Maps – Part III](#) of the NYC WRP. If so, check appropriate boxes below and evaluate policies noted in parentheses as part of WRP Policy Assessment (Section F).
 - ☐ Significant Maritime and Industrial Area (SMIA) (2.1)
 - ☐ Special Natural Waterfront Area (SNWA) (4.1)
 - ☒ Priority Maritime Activity Zone (PMAZ) (3.5)
 - ☐ Recognized Ecological Complex (REC) (4.4)
 - ☐ West Shore Ecologically Sensitive Maritime and Industrial Area (ESMIA) (2.2, 4.2)

F. WRP POLICY ASSESSMENT

Review the project or action for consistency with the WRP policies. For each policy, check Promote, Hinder or Not Applicable (N/A). For more information about consistency review process and determination, see **Part I** of the [NYC Waterfront Revitalization Program](#). When assessing each policy, review the full policy language, including all sub-policies, contained within **Part II** of the WRP. The relevance of each applicable policy may vary depending upon the project type and where it is located (i.e. if it is located within one of the special area designations).

For those policies checked Promote or Hinder, provide a written statement on a separate page that assesses the effects of the proposed activity on the relevant policies or standards. If the project or action promotes a policy, explain how the action would be consistent with the goals of the policy. If it hinders a policy, consideration should be given toward any practical means of altering or modifying the project to eliminate the hindrance. Policies that would be advanced by the project should be balanced against those that would be hindered by the project. If reasonable modifications to eliminate the hindrance are not possible, consideration should be given as to whether the hindrance is of such a degree as to be substantial, and if so, those adverse effects should be mitigated to the extent practicable.

| | | Promote | Hinder | N/A |
|----------|---|-------------------------------------|--------------------------|-------------------------------------|
| I | Support and facilitate commercial and residential redevelopment in areas well-suited to such development. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| I.1 | Encourage commercial and residential redevelopment in appropriate Coastal Zone areas. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| I.2 | Encourage non-industrial development with uses and design features that enliven the waterfront and attract the public. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| I.3 | Encourage redevelopment in the Coastal Zone where public facilities and infrastructure are adequate or will be developed. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| I.4 | In areas adjacent to SMIA's, ensure new residential development maximizes compatibility with existing adjacent maritime and industrial uses. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| I.5 | Integrate consideration of climate change and sea level rise into the planning and design of waterfront residential and commercial development, pursuant to WRP Policy 6.2. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

| | | Promote | Hinder | N/A |
|----------|---|-------------------------------------|--------------------------|-------------------------------------|
| 2 | Support water-dependent and industrial uses in New York City coastal areas that are well-suited to their continued operation. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2.1 | Promote water-dependent and industrial uses in Significant Maritime and Industrial Areas. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2.2 | Encourage a compatible relationship between working waterfront uses, upland development and natural resources within the Ecologically Sensitive Maritime and Industrial Area. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2.3 | Encourage working waterfront uses at appropriate sites outside the Significant Maritime and Industrial Areas or Ecologically Sensitive Maritime Industrial Area. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2.4 | Provide infrastructure improvements necessary to support working waterfront uses. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2.5 | Incorporate consideration of climate change and sea level rise into the planning and design of waterfront industrial development and infrastructure, pursuant to WRP Policy 6.2. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3 | Promote use of New York City's waterways for commercial and recreational boating and water-dependent transportation. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.1. | Support and encourage in-water recreational activities in suitable locations. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.2 | Support and encourage recreational, educational and commercial boating in New York City's maritime centers. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.3 | Minimize conflicts between recreational boating and commercial ship operations. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3.4 | Minimize impact of commercial and recreational boating activities on the aquatic environment and surrounding land and water uses. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.5 | In Priority Marine Activity Zones, support the ongoing maintenance of maritime infrastructure for water-dependent uses. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4 | Protect and restore the quality and function of ecological systems within the New York City coastal area. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.1 | Protect and restore the ecological quality and component habitats and resources within the Special Natural Waterfront Areas. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4.2 | Protect and restore the ecological quality and component habitats and resources within the Ecologically Sensitive Maritime and Industrial Area. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4.3 | Protect designated Significant Coastal Fish and Wildlife Habitats. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4.4 | Identify, remediate and restore ecological functions within Recognized Ecological Complexes. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4.5 | Protect and restore tidal and freshwater wetlands. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4.6 | In addition to wetlands, seek opportunities to create a mosaic of habitats with high ecological value and function that provide environmental and societal benefits. Restoration should strive to incorporate multiple habitat characteristics to achieve the greatest ecological benefit at a single location. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4.7 | Protect vulnerable plant, fish and wildlife species, and rare ecological communities. Design and develop land and water uses to maximize their integration or compatibility with the identified ecological community. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.8 | Maintain and protect living aquatic resources. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | Promote | Hinder | N/A |
|----------|---|-------------------------------------|--------------------------|-------------------------------------|
| 5 | Protect and improve water quality in the New York City coastal area. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5.1 | Manage direct or indirect discharges to waterbodies. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5.2 | Protect the quality of New York City's waters by managing activities that generate nonpoint source pollution. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5.3 | Protect water quality when excavating or placing fill in navigable waters and in or near marshes, estuaries, tidal marshes, and wetlands. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5.4 | Protect the quality and quantity of groundwater, streams, and the sources of water for wetlands. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5.5 | Protect and improve water quality through cost-effective grey-infrastructure and in-water ecological strategies. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6 | Minimize loss of life, structures, infrastructure, and natural resources caused by flooding and erosion, and increase resilience to future conditions created by climate change. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6.1 | Minimize losses from flooding and erosion by employing non-structural and structural management measures appropriate to the site, the use of the property to be protected, and the surrounding area. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6.2 | Integrate consideration of the latest New York City projections of climate change and sea level rise (as published in <i>New York City Panel on Climate Change 2015 Report, Chapter 2: Sea Level Rise and Coastal Storms</i>) into the planning and design of projects in the city's Coastal Zone. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6.3 | Direct public funding for flood prevention or erosion control measures to those locations where the investment will yield significant public benefit. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6.4 | Protect and preserve non-renewable sources of sand for beach nourishment. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7 | Minimize environmental degradation and negative impacts on public health from solid waste, toxic pollutants, hazardous materials, and industrial materials that may pose risks to the environment and public health and safety. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7.1 | Manage solid waste material, hazardous wastes, toxic pollutants, substances hazardous to the environment, and the unenclosed storage of industrial materials to protect public health, control pollution and prevent degradation of coastal ecosystems. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7.2 | Prevent and remediate discharge of petroleum products. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7.3 | Transport solid waste and hazardous materials and site solid and hazardous waste facilities in a manner that minimizes potential degradation of coastal resources. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 8 | Provide public access to, from, and along New York City's coastal waters. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8.1 | Preserve, protect, maintain, and enhance physical, visual and recreational access to the waterfront. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8.2 | Incorporate public access into new public and private development where compatible with proposed land use and coastal location. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 8.3 | Provide visual access to the waterfront where physically practical. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8.4 | Preserve and develop waterfront open space and recreation on publicly owned land at suitable locations. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | Promote | Hinder | N/A |
|-----------|--|-------------------------------------|--------------------------|-------------------------------------|
| 8.5 | Preserve the public interest in and use of lands and waters held in public trust by the State and City. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8.6 | Design waterfront public spaces to encourage the waterfront's identity and encourage stewardship. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9 | Protect scenic resources that contribute to the visual quality of the New York City coastal area. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9.1 | Protect and improve visual quality associated with New York City's urban context and the historic and working waterfront. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9.2 | Protect and enhance scenic values associated with natural resources. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 10 | Protect, preserve, and enhance resources significant to the historical, archaeological, architectural, and cultural legacy of the New York City coastal area. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10.1 | Retain and preserve historic resources, and enhance resources significant to the coastal culture of New York City. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 10.2 | Protect and preserve archaeological resources and artifacts. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

G. CERTIFICATION

The applicant or agent must certify that the proposed activity is consistent with New York City's approved Local Waterfront Revitalization Program, pursuant to New York State's Coastal Management Program. If this certification cannot be made, the proposed activity shall not be undertaken. If this certification can be made, complete this Section.

"The proposed activity complies with New York State's approved Coastal Management Program as expressed in New York City's approved Local Waterfront Revitalization Program, pursuant to New York State's Coastal Management Program, and will be conducted in a manner consistent with such program."

Applicant/Agent's Name: Kaitlyn Frega, CFM

Address: 530 Chestnut Ridge Road Woodcliff Lake, NJ 07677

Telephone: 201-775-6000

Email: permits@mgmclaren.com

Applicant/Agent's Signature: *Kaitlyn Frega*

Date: 10/30/23

Submission Requirements

For all actions requiring City Planning Commission approval, materials should be submitted to the Department of City Planning.

For local actions not requiring City Planning Commission review, the applicant or agent shall submit materials to the Lead Agency responsible for environmental review. A copy should also be sent to the Department of City Planning.

For State actions or funding, the Lead Agency responsible for environmental review should transmit its WRP consistency assessment to the Department of City Planning.

For Federal direct actions, funding, or permits applications, including Joint Applicants for Permits, the applicant or agent shall also submit a copy of this completed form along with his/her application to the [NYS Department of State Office of Planning and Development](#) and other relevant state and federal agencies. A copy of the application should be provided to the NYC Department of City Planning.

The Department of City Planning is also available for consultation and advisement regarding WRP consistency procedural matters.

New York City Department of City Planning

Waterfront and Open Space Division

120 Broadway, 31st Floor

New York, New York 10271

212-720-3696

wrp@planning.nyc.gov

www.nyc.gov/wrp

New York State Department of State

Office of Planning and Development

Suite 1010

One Commerce Place, 99 Washington Avenue

Albany, New York 12231-0001

518-474-6000

www.dos.ny.gov/opd/programs/consistency

Applicant Checklist

- ☒ Copy of original signed NYC Consistency Assessment Form
- ☒ Attachment with consistency assessment statements for all relevant policies
- ☒ For Joint Applications for Permits, one (1) copy of the complete application package
- ☒ Environmental Review documents
- ☒ Drawings (plans, sections, elevations), surveys, photographs, maps, or other information or materials which would support the certification of consistency and are not included in other documents submitted. All drawings should be clearly labeled and at a scale that is legible.
- ☒ Policy 6.2 Flood Elevation worksheet, if applicable. For guidance on applicability, refer to the WRP Policy 6.2 Guidance document available at www.nyc.gov/wrp

Chelsea Piers NYC Public Access Improvements

Addendum to
New York City Waterfront Revitalization Program
Consistency Assessment Form

Applicant: Chelsea Piers, LP
Pier 62, Suite 300
New York, NY 10011

Agent: Kaitlyn Frega, CFM
M.G. McLaren Engineering and Land Surveying, P.C.
530 Chestnut Ridge Road
Woodcliff Lake, NJ 07677

Policy 1: Support and facilitate commercial and residential development in areas well-suited for such development.

This project will provide smoother transition by more people to access the waterfront walkways by way of wider overwater walkway to improve the choke point and provide wider access from the Hudson River Park leading to the public walkway within Chelsea Piers.

Policy 1.2: Encourage non-industrial development with uses and design features that enliven the waterfront and attract the public.

This project will provide smoother transition by more people to access the waterfront walkways by way of wider overwater walkway to improve the choke point and provide wider access from the Hudson River Park leading to the public walkway within Chelsea Piers. The public would continue to enjoy waterfront access to the Hudson River.

Policy 2: Support water-dependent and industrial uses in New York City coastal areas that are well-suited to their continued operation.

The project site is located at Chelsea Piers, which is used for film production, public waterfront viewing and access, recreational sports, entertainment, events venue, and marina. These uses are well-established and similar uses have been present upland of the pier for many decades. Enlarging the existing overwater walkway at the south end of Pier 59 and reconfiguring the floating docks would allow a smoother transition by more people to access the waterfront walkways by way of wider overwater walkway to reduce congestion and provide safer access to the Chelsea

Chelsea Piers NYC

Public Access Improvements

Piers complex. Additionally, implementing the proposed repairs would neither modify the neighborhood character nor impact the existing and future upland operations.

Policy 3: Promote use of New York City's waterways for commercial and recreational boating and water-dependent transportation.

The proposed project includes enlarging the existing overwater walkway and reconfiguring the floating docks to improve pedestrian flow and access to the marina. Implementing these improvements would allow safer access to Pier 59.

Policy 3.1: Support and encourage in-water recreational activities in suitable locations.

The proposed project would continue supporting the existing charter boat operations at Pier 59.

Policy 3.2: Supports and encourage recreational, educational and commercial boating in New York City's maritime centers.

The existing marina supports charter boat operations that would continue following construction. With safer access to the marina and overwater walkway, people would be able to better utilize the charter boat services offered at Pier 59.

Policy 3.4: Minimize impact of commercial and recreational activities on aquatic environment and surrounding land and water uses.

The proposed action would not increase the commercial and recreational water-based activities at Pier 59. Enlarging the overwater walkway and reconfiguring the floating docks would alter the aquatic environment, however, construction would be limited to seasonal moratoriums. Habitat disturbance would be minimal, temporary and would not result in negative impacts.

Policy 3.5: In priority marine activity zones, support the ongoing maintenance of maritime infrastructure for water-dependent uses.

The entirety of Chelsea Piers is within a Priority Marine Activity Zone that is designated along Hudson River that extends from Pier 62 to Pier 59. The proposed project includes enlarging the overwater walkway and reconfiguring the floating docks to improve accessibility to the marina and allow safer pedestrian flow along the Hudson River.

Policy 4: Protect and restore the quality and function of ecological systems within the New York City coastal area.

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Public Access Improvements

The site is located in an area designated as a Priority Marine Activity Zone. The site is already used for vessel mooring, and this use will not change as a result of the proposed project. The quality and function of ecological systems within the New York City coastal area will not be adversely impacted by the proposed project because the proposed work is in a developed urban area with minimal natural habitat to support any wildlife other than highly urban-adapted, disturbance-tolerant generalists. Best Management Practices (BMPs) will be utilized to ensure protection of the coastal area and its associated habitats during construction activities.

Policy 4.7: Protect vulnerable plant, fish and wildlife species, and rare ecological communities. Design and develop land and water uses to maximize their integration or compatibility with the identified ecological community.

Threatened or endangered species with the potential to occur in the Hudson River include: Atlantic sturgeon (*Acipenser oxyrinchus*), shortnose sturgeon (*Acipenser brevirostrum*), and Peregrine falcon (*Falco peregrinus*). Habitat for the Peregrine falcon is not present in the area impacted by the proposed action. As a transient species, the presence of Atlantic sturgeon and shortnose sturgeon is anticipated to be rare or on brief occasions. Construction impacts for in-water work would be temporary, localized to the project area, and would not result in permanent habitat loss. Impacts to habitat would be mitigated by using temporary BMPs such as turbidity curtains. The loss of habitat from enlarging the overwater walkway and reconfiguring the floating docks would be minimal. Following construction, it is expected the species could access the project area while in transit.

Policy 4.8: Maintain and protect living aquatic resources.

The proposed project is not anticipated to adversely affect aquatic resources in the area, including water quality and habitat conditions. The proposed project is in a developed area with minimal natural habitat to support any wildlife other than highly urban-adapted, disturbance-tolerant generalists. As such, it is unlikely that living aquatic resources will be disturbed. BMP's will be implemented to minimize environmental impacts during construction, such as turbidity curtains to prevent suspended sediment from moving beyond the immediate work area.

Policy 5: Protect and improve water quality in the New York City coastal area.

BMPs will be used throughout construction to minimize impacts to the environment and protect the waterway. A containment boom will be deployed around the pile construction area when work is being conducted. All demolition and construction debris will be properly disposed of at an approved off-site facility. A spill kit will remain on-site during construction. Increases in suspended sediment during in-water activities are anticipated to be minimal, to be concentrated within the

Chelsea Piers NYC

Public Access Improvements

vicinity of work, and to dissipate quickly and without significant adverse impacts to water quality or aquatic biota. Additionally, work will adhere to all required environmental moratoriums, and work will be accomplished at low tide as practically as possible. Construction will not interfere with navigation.

Policy 5.3: Protect water quality when excavating or placing fill in navigable waters and in or near marshes, estuaries, tidal marshes, and wetlands.

The proposed project will include BMPs to protect the water quality when excavating or placing fill in the waterway. The fill will be limited to the proposed piles.

Policy 6: Minimize loss of life, structures, infrastructure, and natural resources caused by flooding and erosion, and increase the resilience to future conditions created by climate change.

The project would improve an existing waterfront resource to ensure the safety of pedestrians and patrons of maritime activities offered at Pier 59. The risk of losing the pier in a storm event will also be diminished as it will be more stable and can withstand the impact of waves.

Policy 6.1: Minimize losses from flooding and erosion by employing non-structural and structural management measures appropriate to the site, the use of the property to be protected, and the surrounding area.

The proposed improvements to the pier will not increase flooding and will not alter the shoreline's vulnerability to erosion. The proposed work will not have an impact on the surrounding area as construction is limited to Pier 59.

Policy 6.2: Integrate consideration of the latest New York City projections of climate change and sea level rise into the planning and design of projects in the city's Coastal Zone.

1a. Please see attached Flood Elevation Worksheet.

1b. The proposed elements have been designed in a way that they can flood. The lowest top of the walkway elevation is 5.67' NAVD88. The top of the walkway matches the elevation of the existing surrounding walkway. This segment of walkway cannot be raised without raising the entire walkway. This would require a significant system of stairs and/or ramps to bridge the elevation change.

1c. None identified.

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1d. The project is located in Zone VE14. None of the proposed elements are habitable and the proposed elements have been designed in a way that they can flood. During large storm events, pedestrians would not use the walkways. The piles and other elements are designed to withstand future flood events.

2a. The proposed elements have been designed in a way that they can flood. None of the proposed elements are habitable.

2b. None identified.

2c. The proposed elements have been designed in a way that they can flood. None of the proposed elements are habitable. In the event of a large storm, the floating docks would be removed to minimize any threat to public health or the environment.

2d. Not applicable.

3. The proposed elements have been designed in a way that they can flood.

Policy 8: Provide public access to, from, and along New York City's coastal waters.

This project will provide smoother transition by more people to access the waterfront walkways by way of wider overwater walkway to improve the choke point and provide wider access from the Hudson River Park leading to the public walkway within Chelsea Piers. The proposed project will improve an existing public access resource on the Hudson River.

Policy 8.1: Preserve, protect, maintain, and enhance physical, visual and recreational access to the waterfront.

This project will provide smoother transition by more people to access the waterfront walkways by way of wider overwater walkway to improve the choke point and provide wider access from the Hudson River Park leading to the public walkway within Chelsea Piers.

Policy 8.3: Provide visual access to the waterfront where physically practical.

The project will allow for the build-out Hudson River Park as authorized in the Hudson River Park Act. Enlarging the overwater walkway would increase the number of people accessing the Hudson River and improve visual access.

Chelsea Piers NYC

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Policy 8.4: Preserve and develop waterfront open space and recreation on publicly owned land at suitable locations.

Policy 8.5: Preserve the public interest in and use of lands and waters held in public trust by the state and city.

Policy 8.6: Design waterfront public spaces to encourage the waterfront's identity and encourage stewardship.

The project site is held in public trust by New York State. The proposed work will improve and preserve the public's interest in an existing waterfront access location. The purpose of this project is to allow Chelsea Piers to provide wider public access by widening one over-water walkway to improve a choke point connection from the Hudson River park leading to a public walkway within Chelsea Piers.

Policy 9: Protect scenic resources that contribute to the visual quality of the New York City coastal area.

This project will provide smoother transition by more people to access the waterfront walkways by way of wider overwater walkway to improve the choke point and provide wider access from the Hudson River Park leading to the public walkway within Chelsea Piers. The visual field to and from the pier will be improved as there will be new overwater area to view the Hudson River.

Policy 9.1: Protect and improve visual quality associated with New York City's urban context and the historic and working waterfront.

As discussed above, Pier 59 is an established waterfront use along the Hudson River. The visual field to and from the pier will be improved as there will be new overwater area to view the Hudson River. The proposed project would enhance an existing maritime asset and accommodate more people.

Policy 10: Protect, preserve, and enhance resources significant to the historical, archaeological, architectural, and cultural legacy of the New York City coastal area.

Review of the New York State Office of Parks and Historic Preservation (SHPO) Cultural Resources Information System (CRIS) identified the existing pier as not being eligible for listing on the National Registry of Historic Places or New York State Registry of Historic Places. The existing seawall is listed as a historic resource. Where the new platform meets the granite block seawall, a 29.5'x3.83' section of concrete block will be installed to meet the existing grade. None of the granite will be impacted by the proposed action. The pier is within an archaeologically

Chelsea Piers NYC Public Access Improvements

sensitive area. On September 25, 2023, SHPO issued a determination that no impacts to archaeological or historic resources, including the seawall is anticipated.

Policy 10.2: Protect and preserve archaeological resources and artifacts.

As discussed above, the pier is not eligible for listing on the National Registry of Historic Places or New York State Registry of Historic Places. No impact on archaeological resources is anticipated. Refer to the attached SHPO Letter of Determination for additional information.

NYC Waterfront Revitalization Program - Policy 6.2 Flood Elevation Worksheet

COMPLETE INSTRUCTIONS ON HOW TO USE THIS WORKSHEET ARE PROVIDED IN THE "CLIMATE CHANGE ADAPTATION GUIDANCE" DOCUMENT AVAILABLE AT www.nyc.gov/wrp

Enter information about the project and site in highlighted cells in Tabs 1-3. Tab 4, "Summary Charts" contains primary results. Tab 5, "0.2%+SLR" produces charts to be used for critical infrastructure or facilities. Tab 6, "Calculations" contains background computations. Appendix A contains tide elevations for station across the city to be used for the elevation of MHHW if a site survey is not available. Non-highlighted cells have been locked.

| Background Information | | | | | | |
|---------------------------|---|---|---|---|--|--|
| Project Name | Chelsea Piers NYC Public Access Improvements | | | | | |
| Location | Pier 59 at Chelsea Piers New York, NY 10011 | | | | | |
| Type(s) | <input checked="" type="checkbox"/> Residential, Commercial, Community Facility | <input checked="" type="checkbox"/> Parkland, Open Space, and Natural Areas | <input checked="" type="checkbox"/> Tidal Wetland Restoration | <input checked="" type="checkbox"/> Critical Infrastructure or Facility | <input checked="" type="checkbox"/> Industrial Uses | |
| | <input checked="" type="checkbox"/> Over-water Structures | <input checked="" type="checkbox"/> Shoreline Structures | <input checked="" type="checkbox"/> Transportation | <input checked="" type="checkbox"/> Wastewater Treatment/Drainage | <input checked="" type="checkbox"/> Coastal Protection | |
| Description | The existing walkway will be removed and replaced with a pile supported walkway. The new walkway will be wider at the eastern end to meet the existing shoreline esplanade (Hudson River Greenway) to the southeast and will cover an area of 5,447 SF (2,474 SF more). The new walkway will be supported by 36 10.75-inch hollow steel pipe piles. Where the new platform meets the granite block seawall, a new vertical 29.5x3.83' concrete seawall extension will be installed to meet the existing grade. All work along the seawall will occur above SHW and MHW. No fill is anticipated as the proposed steel pipe piles would not be filled with cement and are not classified as fill by NYSDEC/USACE. | | | | | |
| Planned Completion Date | Feb-24 | | | | | |
| Expected Project Lifespan | Jun-99 | | | | | |

The New York City Waterfront Revitalization Program Climate Adaptation Guidance document was developed by the NYC Department of City Planning. It is a guidance document only and is not intended to serve as a substitute for actual regulations. The City disclaims any liability for errors that may be contained herein and shall not be responsible for any damages, consequential or actual, arising out of or in connection with the use of this information. The City reserves the right to update or correct information in this guidance document at any time and without notice.

For technical assistance on using this worksheet, email wrp@planning.nyc.gov, using the message subject "Policy 6.2 Worksheet."

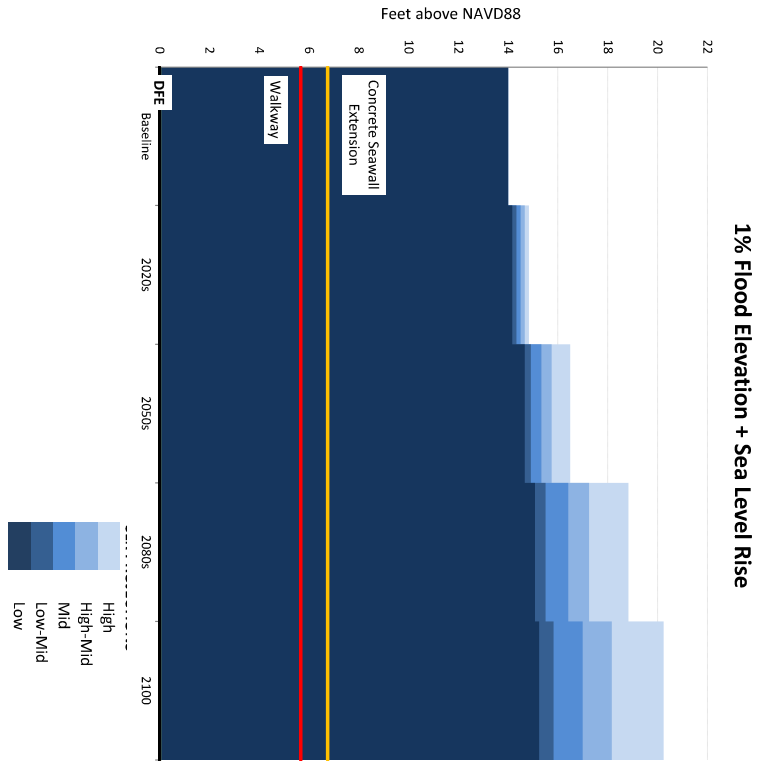
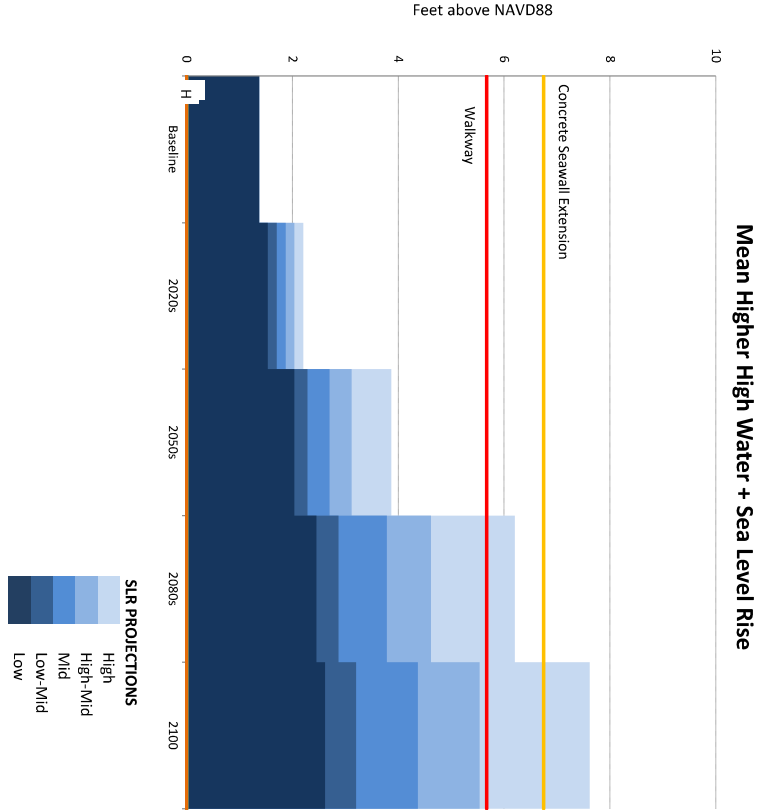
Last update: Sept. 7, 2018

Establish current tidal and flood heights.

| | FT (NAVD88) | Feet | Datum | Source |
|------------------------|-------------|-------|--------------|-----------|
| MHHW | | 1.37 | 1.37 NAVD88 | Vdatum |
| 1% flood height | | 14.00 | 14.00 NAVD88 | FEMA FIRM |
| Design flood elevation | | --> | | |
| As relevant: | | | | |
| 0.2% flood height | | --> | | |

Data will be converted based on the following datums:

| Datum | FT (NAVD88) |
|--------------------------|-------------|
| NAVD88 | 0.00 |
| NGVD29 | -1.10 |
| Manhattan Datum | 1.65 |
| Bronx Datum | 1.51 |
| Brooklyn Datum (Sewer) | 0.61 |
| Brooklyn Datum (Highway) | 1.45 |
| Queens Datum | 1.63 |
| Richmond Datum | 2.09 |



0.2% Flood Elevation + Sea Level Rise



| | SLR (ft) | | | | | | SLR (in) | | | | |
|----------|----------|---------|------|----------|------|-------|----------|---------|-----|----------|------|
| | Low | Low-Mid | Mid | High-Mid | High | | Low | Low-Mid | Mid | High-Mid | High |
| Baseline | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2014 | 0 | 0 | 0 | 0 | 0 |
| 2020s | 0.17 | 0.33 | 0.50 | 0.67 | 0.83 | 2020s | 2 | 4 | 6 | 8 | 10 |
| 2050s | 0.67 | 0.92 | 1.33 | 1.75 | 2.50 | 2050s | 8 | 11 | 16 | 21 | 30 |
| 2080s | 1.08 | 1.50 | 2.42 | 3.25 | 4.83 | 2080s | 13 | 18 | 29 | 39 | 58 |
| 2100 | 1.25 | 1.83 | 3.00 | 4.17 | 6.25 | 2100 | 15 | 22 | 36 | 50 | 75 |

| MHHW+SLR (ft above NAVD88) | | | | | |
|----------------------------|------|---------|------|----------|------|
| | Low | | Mid | | High |
| | Low | Low-Mid | Mid | High-Mid | High |
| Baseline | 1.37 | 1.37 | 1.37 | 1.37 | 1.37 |
| 2020s | 1.54 | 1.70 | 1.87 | 2.04 | 2.20 |
| 2050s | 2.04 | 2.29 | 2.70 | 3.12 | 3.87 |
| 2080s | 2.45 | 2.87 | 3.79 | 4.62 | 6.20 |
| 2100 | 2.62 | 3.20 | 4.37 | 5.54 | 7.62 |

| | 1%+SLR (ft above NAVD88) | | | | | |
|----------|--------------------------|-------|---------|-------|----------|-------|
| | Low | | Low-Mid | Mid | High-Mid | High |
| Baseline | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 | 14.00 |
| 2020s | 14.17 | 14.33 | 14.50 | 14.67 | 14.83 | 14.83 |
| 2050s | 14.67 | 14.92 | 15.33 | 15.75 | 16.50 | 16.50 |
| 2080s | 15.08 | 15.50 | 16.42 | 17.25 | 18.83 | 18.83 |
| 2100 | 15.25 | 15.83 | 17.00 | 18.17 | 20.25 | 20.25 |

| 0.2%+SLR (ft above NAVD88) | | | | | |
|----------------------------|---------|---------|---------|----------|---------|
| | Low | Low-Mid | Mid | High-Mid | High |
| Baseline | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! |
| 2020s | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! |
| 2050s | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! |
| 2080s | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! |
| 2100 | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! |

| | | |
|----------------------------|------|------|
| Walkway | 0 | 1 |
| Concrete Seawall Extension | 6 | 5.67 |
| | 7 | 6.75 |
| C | 0 | 0 |
| D | 0 | 0 |
| E | 0 | 0 |
| F | 0 | 0 |
| G | 0 | 0 |
| H | 0 | 0 |
| DFE | 0.00 | 0.00 |



**New York State
Parks, Recreation and
Historic Preservation**

KATHY HOCHUL
Governor

ERIK KULLESEID
Commissioner

September 25, 2023

Rebecca Morrow
McLaren Engineering Group
131 West 35th Street
New York, NY 10001

Re: USACE
Chelsea Piers NYC Public Access Improvements
Pier 59, Manhattan, NY
23PR07716

Dear Rebecca Morrow:

Thank you for requesting the comments of the State Historic Preservation Office (SHPO). We have reviewed the project in accordance with Section 106 of the National Historic Preservation Act of 1966. These comments are those of the SHPO and relate only to Historic/Cultural resources. They do not include potential environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the National Environmental Policy Act and/or the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8).

Based upon this review, it is the opinion of the New York SHPO that no historic properties, including archaeological and/or historic resources, will be affected by this undertaking.

If further correspondence is required regarding this project, please be sure to refer to the OPRHP Project Review (PR) number noted above.

Sincerely,

R. Daniel Mackay

Deputy State Historic Preservation Officer
Division for Historic Preservation

rev: L. Mackey

Section III

Site Photos

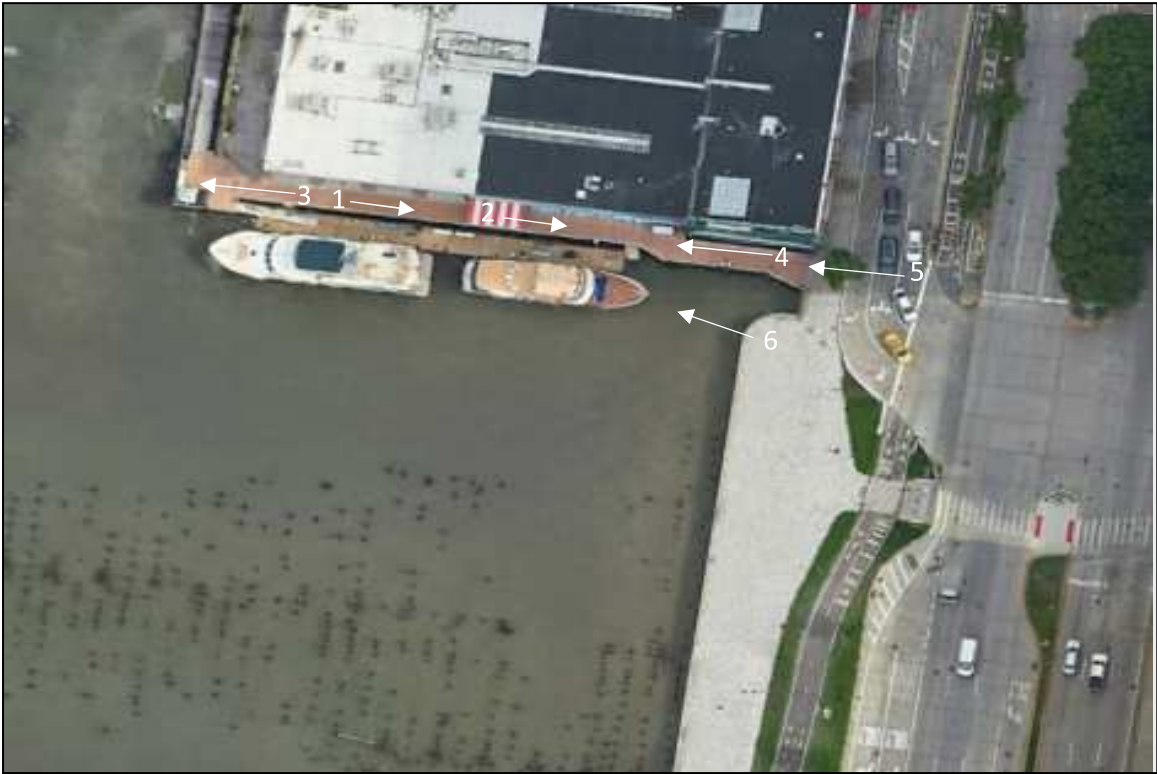


Photo Location Map

Chelsea Piers NYC Public Access Improvements

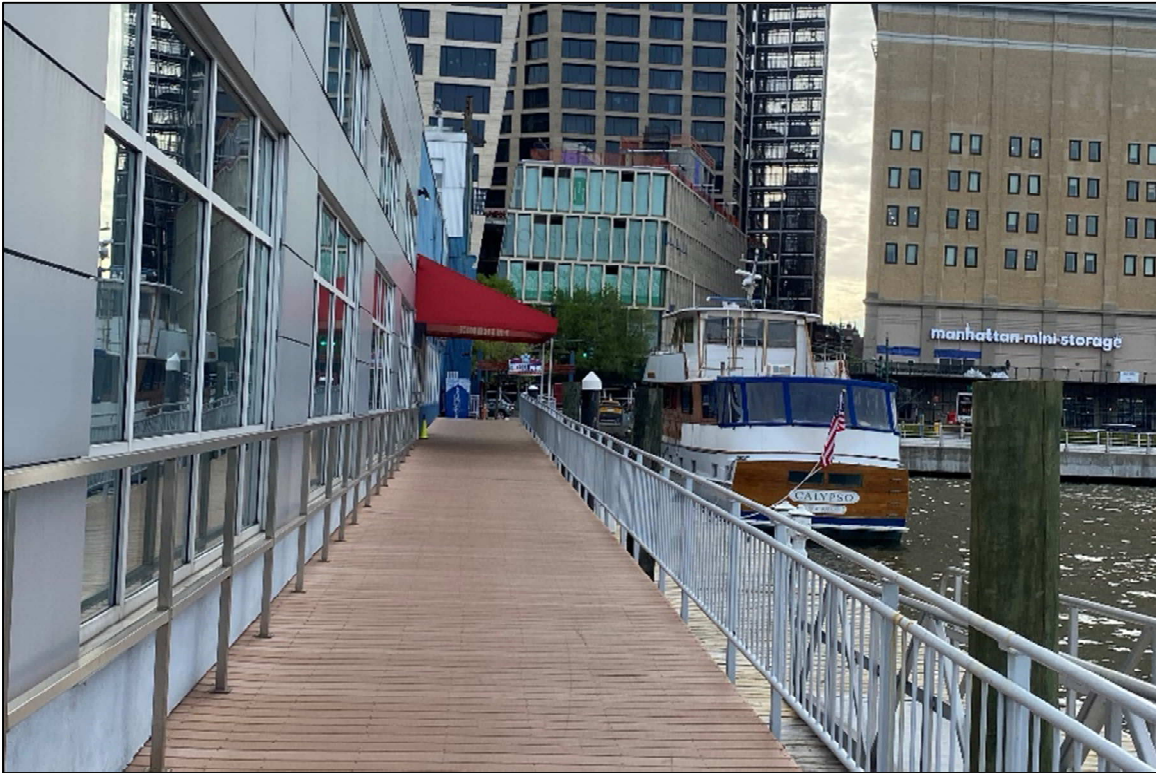


Photo 1. General view of existing overwater walkway width and floating docks, facing east. Photo taken May 3, 2023.

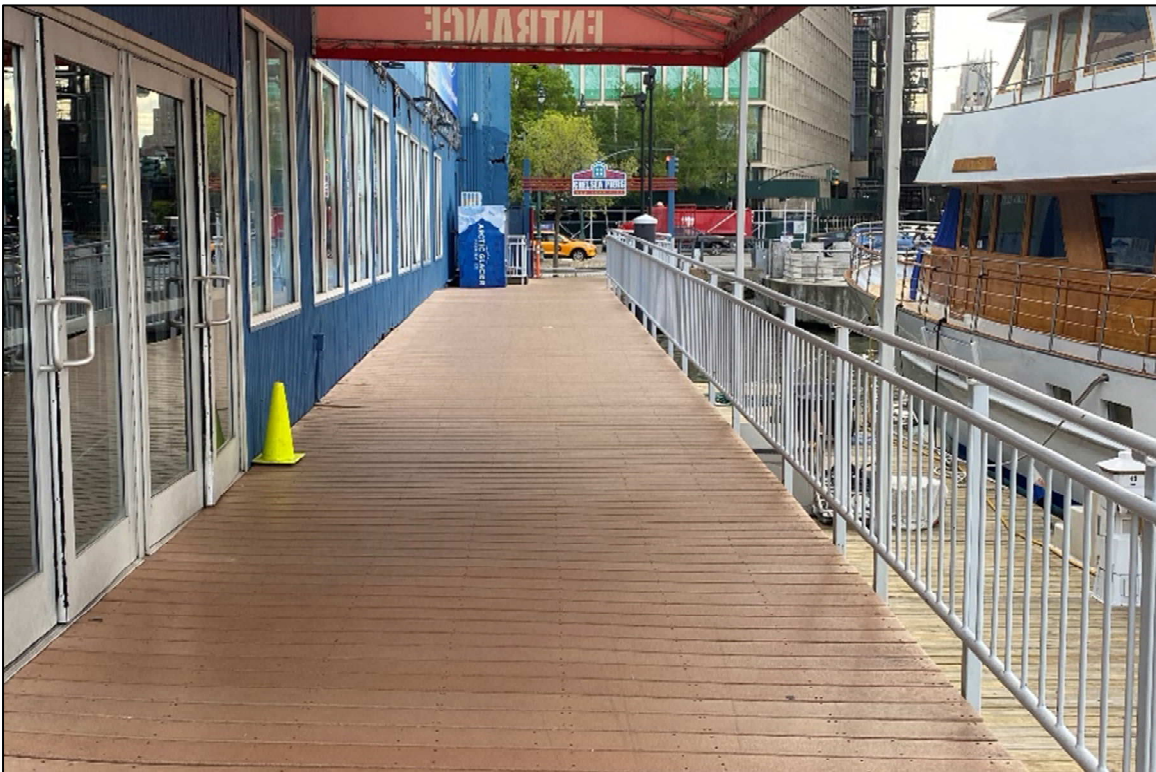


Photo 2. General view of existing overwater walkway width and floating docks, facing east. Photo taken May 3, 2023.

Chelsea Piers NYC Public Access Improvements



Photo 3. General view of existing overwater walkway width and floating docks, facing west. Photo taken May 3, 2023.

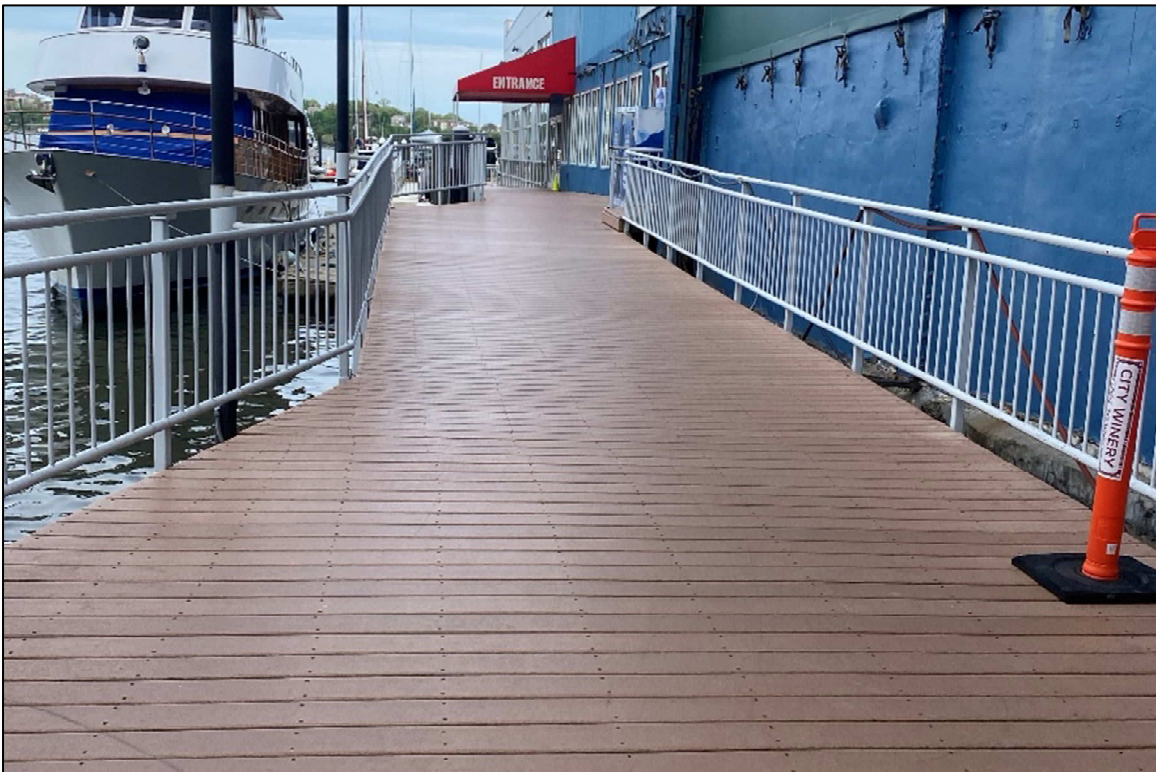


Photo 4. General view of existing overwater walkway width and floating docks, facing west. Photo taken May 3, 2023.

Chelsea Piers NYC Public Access Improvements

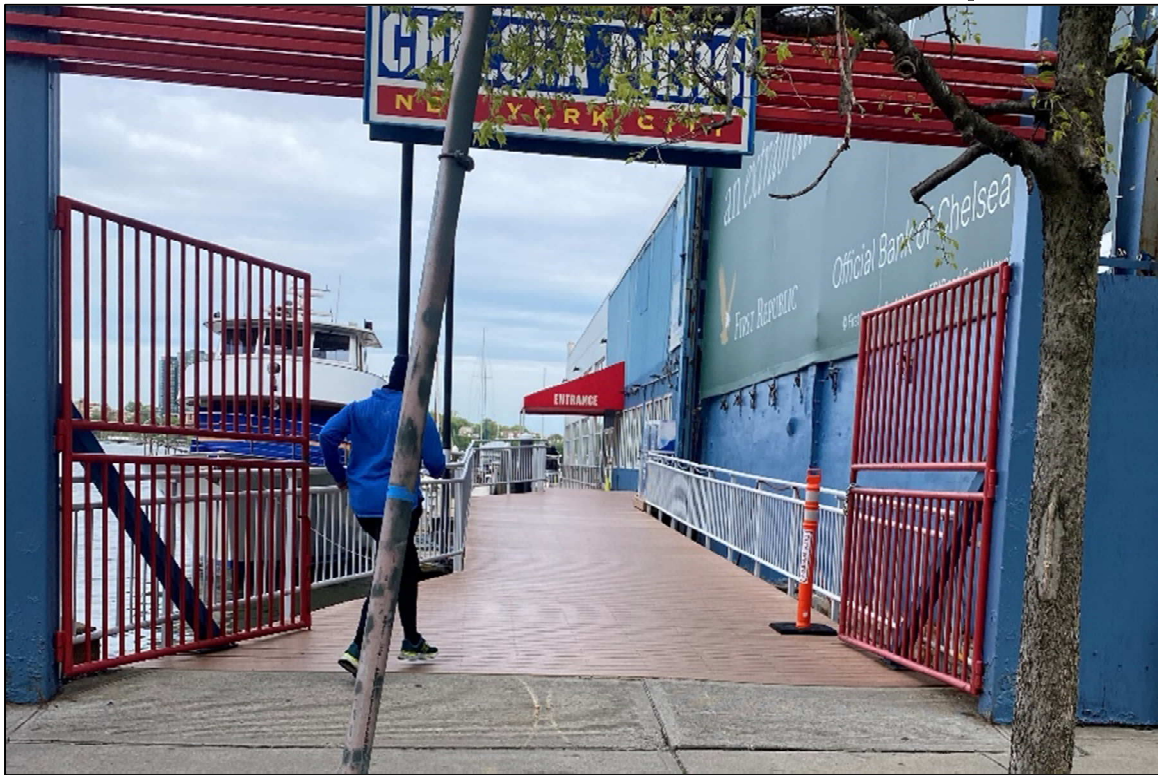


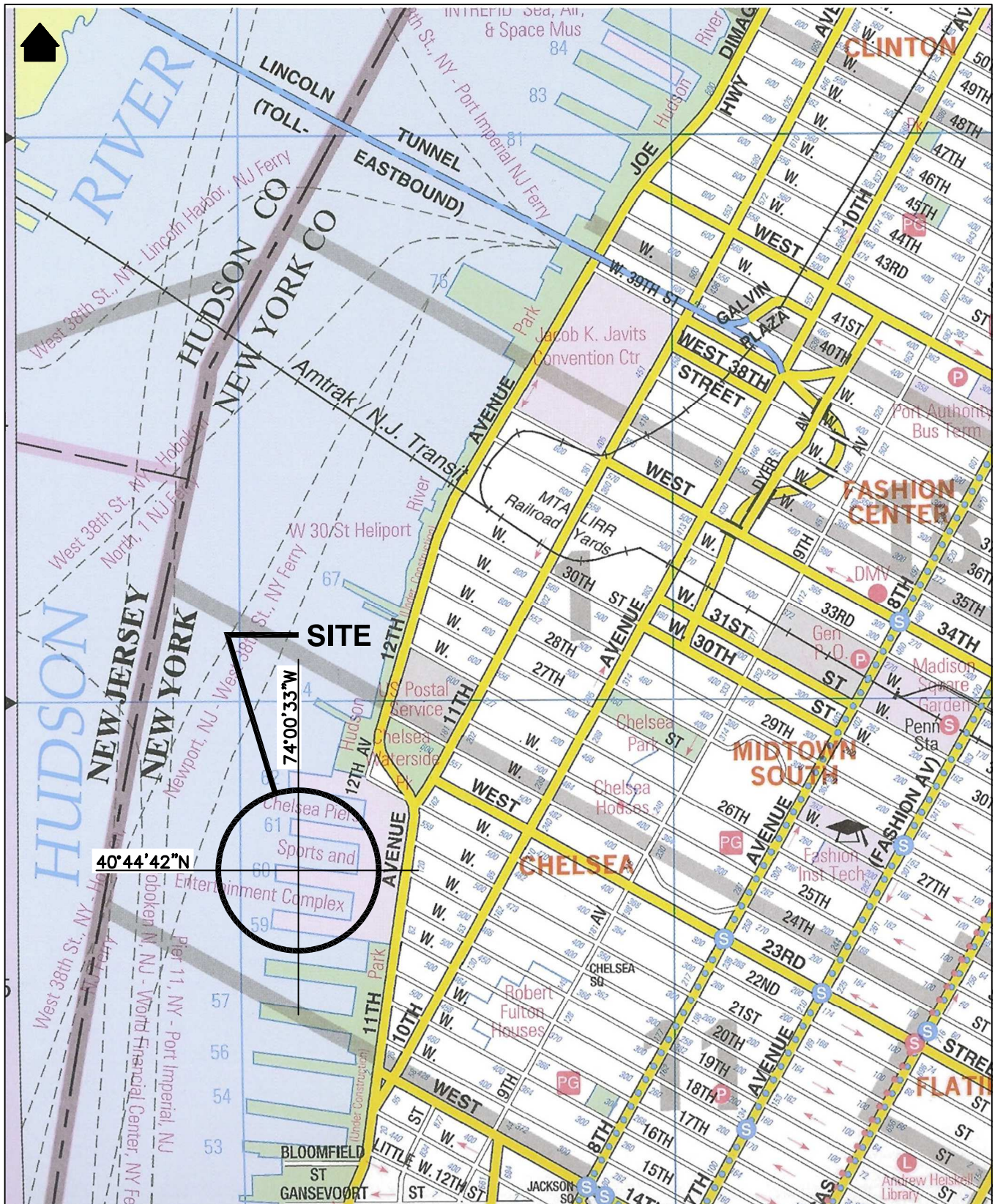
Photo 5. General view of existing overwater walkway width, facing west. Photo taken May 3, 2023.



Photo 6. General view of existing overwater walkway and floating docks, facing northwest. Photo taken May 3, 2023.

Section IV

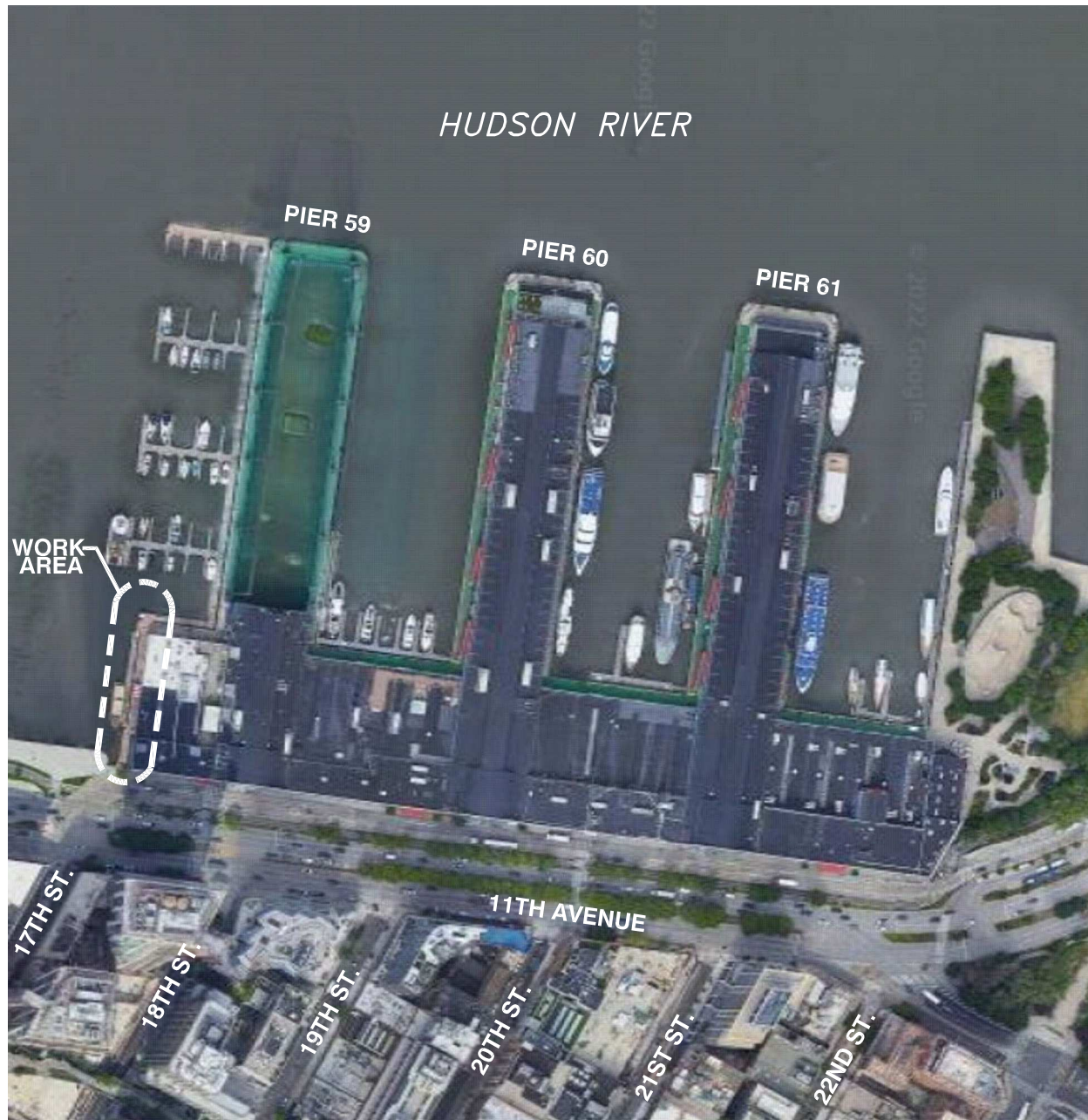
Drawings



PURPOSE: PUBLIC ACCESS
IMPROVEMENTS—PIER 59
DATUM: NAVD 1988
TAX MAP: MANHATTAN BOROUGH
BLK. 662, LOT 7
ADJ. PROPERTY OWNERS:
1. PIER 57: HRP TRUST
2. PIER 62: HRP TRUST

VICINITY MAP
N.T.S.
VACHRIS
ENGINEERING
370 OLD COUNTRY ROAD
GARDEN CITY, NEW YORK

PROPOSED WALKWAY EXPANSION
IN: HUDSON RIVER
AT: CHELSEA PIERS, NYC
MANHATTAN, NY
COUNTY OF: NEW YORK
APP. BY: HRP TRUST
DATE: OCTOBER 2023
SHT. 1 OF 20



CHelsea Piers Facility
AERIAL IMAGE

PURPOSE: PUBLIC ACCESS
IMPROVEMENTS-PIER 59
DATUM: NAVD 1988
TAX MAP: MANHATTAN BOROUGH
BLK. 662, LOT 7
ADJ. PROPERTY OWNERS:
1. PIER 57: HRP TRUST
2. PIER 62: HRP TRUST

LOCATION PLAN
N.T.S.


VACHRIS
ENGINEERING
370 OLD COUNTRY ROAD
GARDEN CITY, NEW YORK

PROPOSED WALKWAY EXPANSION
IN: HUDSON RIVER
AT: CHELSEA PIERS, NYC
MANHATTAN, NY
COUNTY OF: NEW YORK
APP. BY: HRP TRUST
DATE: OCTOBER 2023
SHT. 2 OF 20

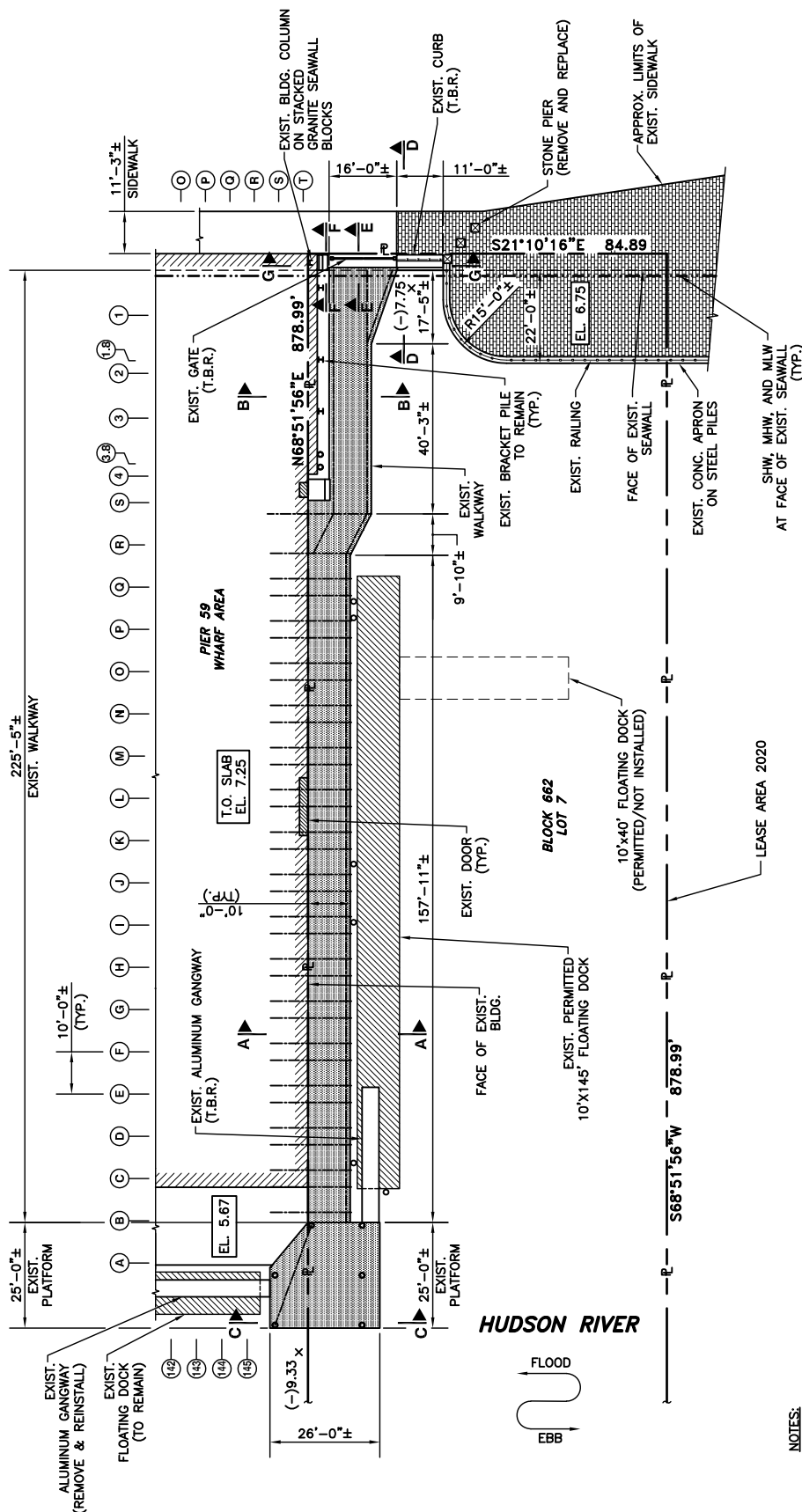
| DATUM SCHEDULE (1) | | | | |
|------------------------------|---------------|------------|--------------|-----------------|
| MEASURING POINT | PROJECT DATUM | MLLW DATUM | NAVD88 DATUM | MANHATTAN DATUM |
| TOP OF PLATFORM (WEST END) | -1.08± | 9.75± | 5.67± | 4.00± |
| TOP OF WALKWAY (AT ENTRANCE) | 0.50± | 11.33± | 7.25± | 5.58± |
| TOP OF WALKWAY (EAST END) | 0.00± | 10.83± | 6.75± | 5.08± |
| SHW | -6.30± | 5.08± | 1.53± | -0.14± |
| MHHW | -6.46± | 4.92± | 1.37± | -0.30± |
| MHW | -6.78± | 4.50± | 1.05± | -0.62± |
| MLW | -11.08± | 0.20± | -3.25± | -4.92± |
| MLLW | -11.28± | 0.00± | -3.45± | -5.12± |

(1) CONVERSION FOR NAVD88 TO BOROUGH OF MANHATTAN DATUM = (-)1.67. CONVERSION USED IS AVERAGE OF VALUES GIVEN FROM 2022 NYC GENERAL ADMIN. PROVISIONS, §28-104.7.6, TABLE 104.7.6.3

PURPOSE: PUBLIC ACCESS
IMPROVEMENTS-PIER 59
DATUM: NAVD 1988
TAX MAP: MANHATTAN BOROUGH
BLK. 662, LOT 7
ADJ. PROPERTY OWNERS:
1. PIER 57: HRP TRUST
2. PIER 62: HRP TRUST

TIDAL DATUM CHART
N.T.S.
 VACHRIS
ENGINEERING
370 OLD COUNTRY ROAD
GARDEN CITY, NEW YORK

PROPOSED WALKWAY EXPANSION
IN: HUDSON RIVER
AT: CHELSEA PIERS, NYC
MANHATTAN, NY
COUNTY OF: NEW YORK
APP. BY: HRP TRUST
DATE: OCTOBER 2023
SHT. 3 OF 20



| EXISTING STRUCTURES | |
|---------------------------|----------|
| STRUCTURE | AREA |
| WALKWAY | 2,973 SF |
| FLOATING DOCK (PERMITTED) | 1,850 SF |

- NOTES:**
- DIMENSIONS SHOWN ARE APPROXIMATE AND BASED ON FIELD MEASUREMENTS TAKEN BY VACHRIS ENGINEERING, P.C., ON OCTOBER 3, 2022.
 - EXISTING STEEL WALKWAY FRAMING SHOWN SCHEMATICALLY.
 - EXISTING TIMBER WALKWAY FRAMING NOT SHOWN FOR CLARITY.
 - EXISTING STRUCTURE ELEVATIONS SHOWN REFER TO NAVD88 AND WERE TAKEN FROM DRAWING SK-001.00, DATED OCTOBER 13, 2022, BY ALLEN + KILCOYNE ARCHITECTS.
 - LEASE AREA 2020 TAKEN FROM DRAWING TITLED "WATER AND MARINA AREA EXHIBIT," DATED AUGUST 24, 2020, AND PREPARED BY CONTROL POINT ASSOCIATES, INC., P.C.
 - T.B.R. INDICATED TO BE REMOVED.
 - SPRING HIGH WATER (SHW), MEAN HIGH WATER (MHW), AND MEAN LOW WATER (MLW) LINES ARE LOCATED AT THE FACE OF THE EXISTING SEAWALL NORTH AND SOUTH OF THE PLAN LIMITS SHOWN HEREIN.

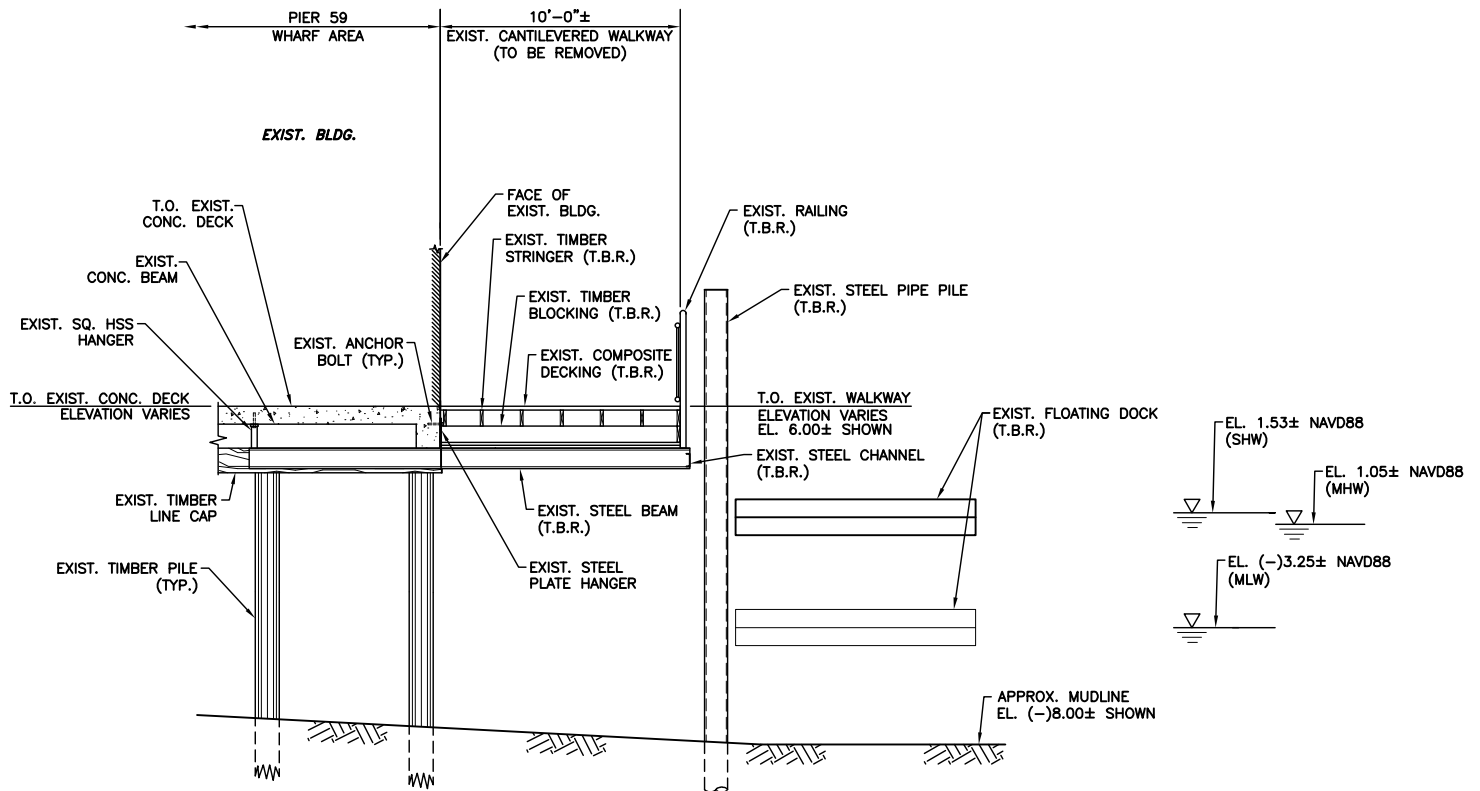
LEGEND:

- (A) EXIST. PILE BENT
(149) EXIST. PILE ROW
EXIST. WALKWAY
EL. 0.00 EXIST. SPOT ELEVATION
X (-7.75 APPROX. MUDDLE ELEVATION (NAVDB88))

PURPOSE: PUBLIC ACCESS
IMPROVEMENTS-PIER 59
DATUM: NAVD 1988
TAX MAP: MANHATTAN BOROUGH
BLK. 662, LOT 7
ADJ. PROPERTY OWNERS:
1. PIER 57: HRP TRUST
2. PIER 62: HRP TRUST

EXISTING WALKWAY PLAN
1"=40'
VACHRIS
ENGINEERING
370 OLD COUNTRY ROAD
GARDEN CITY, NEW YORK

PROPOSED WALKWAY EXPANSION
IN: HUDSON RIVER
AT: CHELSEA PIERS, NYC
MANHATTAN, NY
COUNTY OF: NEW YORK
APP. BY: HRP TRUST
DATE: OCTOBER 2023
SHT. 4 OF 20



NOTES:

1. ELEVATIONS OF EXISTING STRUCTURES ARE APPROXIMATE.
2. T.B.R. INDICATES TO BE REMOVED.
3. DIAGONAL BRACING NOT SHOWN FOR CLARITY.
4. FRAMING AT EXISTING WALKWAY SHOWN SCHEMATICALLY.
5. FLOATING DOCK SHOWN SCHEMATICALLY.

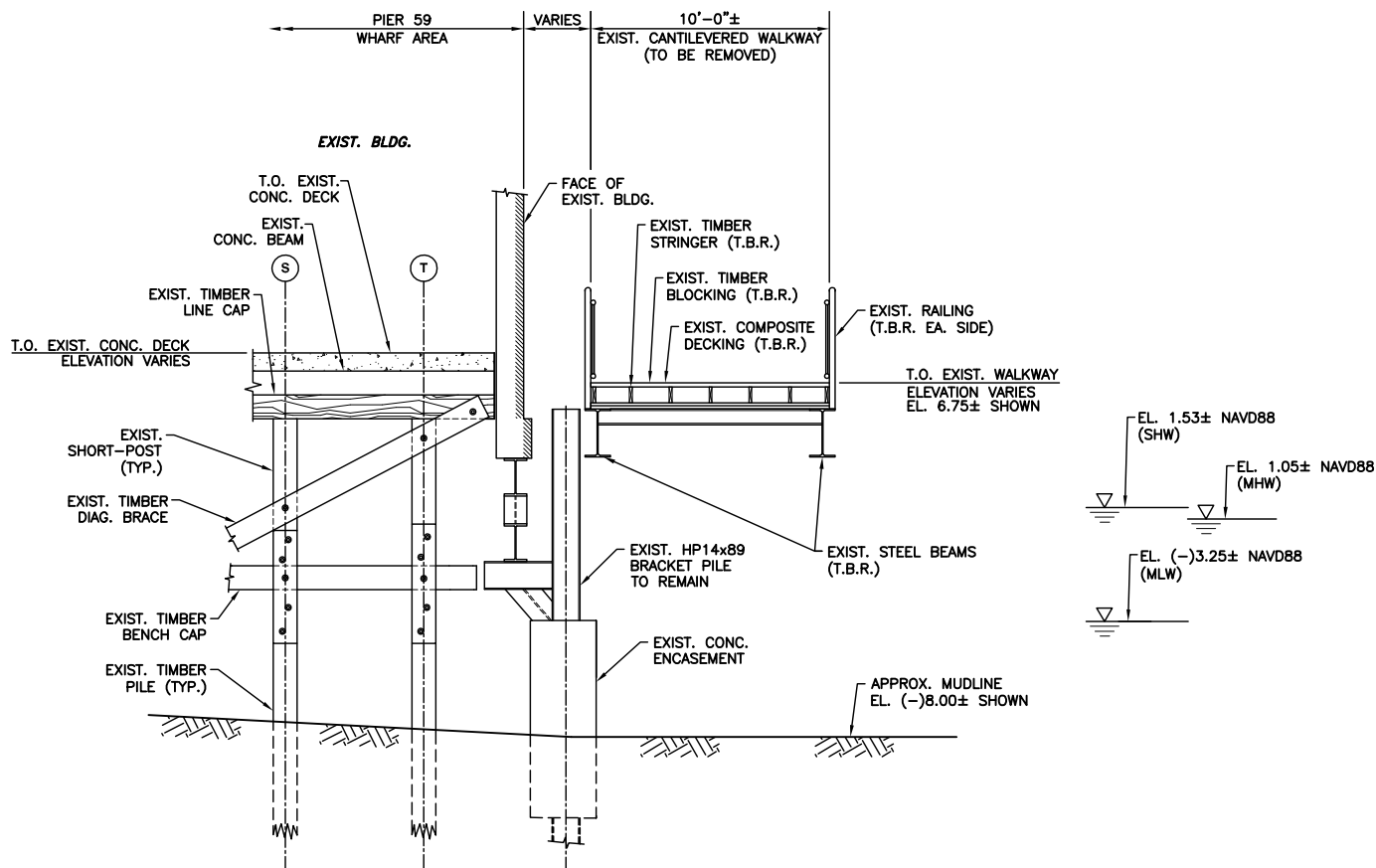
PURPOSE: PUBLIC ACCESS IMPROVEMENTS-PIER 59
DATUM: NAVD 1988
TAX MAP: MANHATTAN BOROUGH BLK. 662, LOT 7
ADJ. PROPERTY OWNERS:
 1. PIER 57: HRP TRUST
 2. PIER 62: HRP TRUST

EXISTING SECTION A-A
 1"=8'

VACHRIS ENGINEERING

370 OLD COUNTRY ROAD
 GARDEN CITY, NEW YORK

PROPOSED WALKWAY EXPANSION
IN: HUDSON RIVER
AT: CHELSEA PIERS, NYC
MANHATTAN, NY
COUNTY OF: NEW YORK
APP. BY: HRP TRUST
DATE: OCTOBER 2023
SHT. 5 OF 20



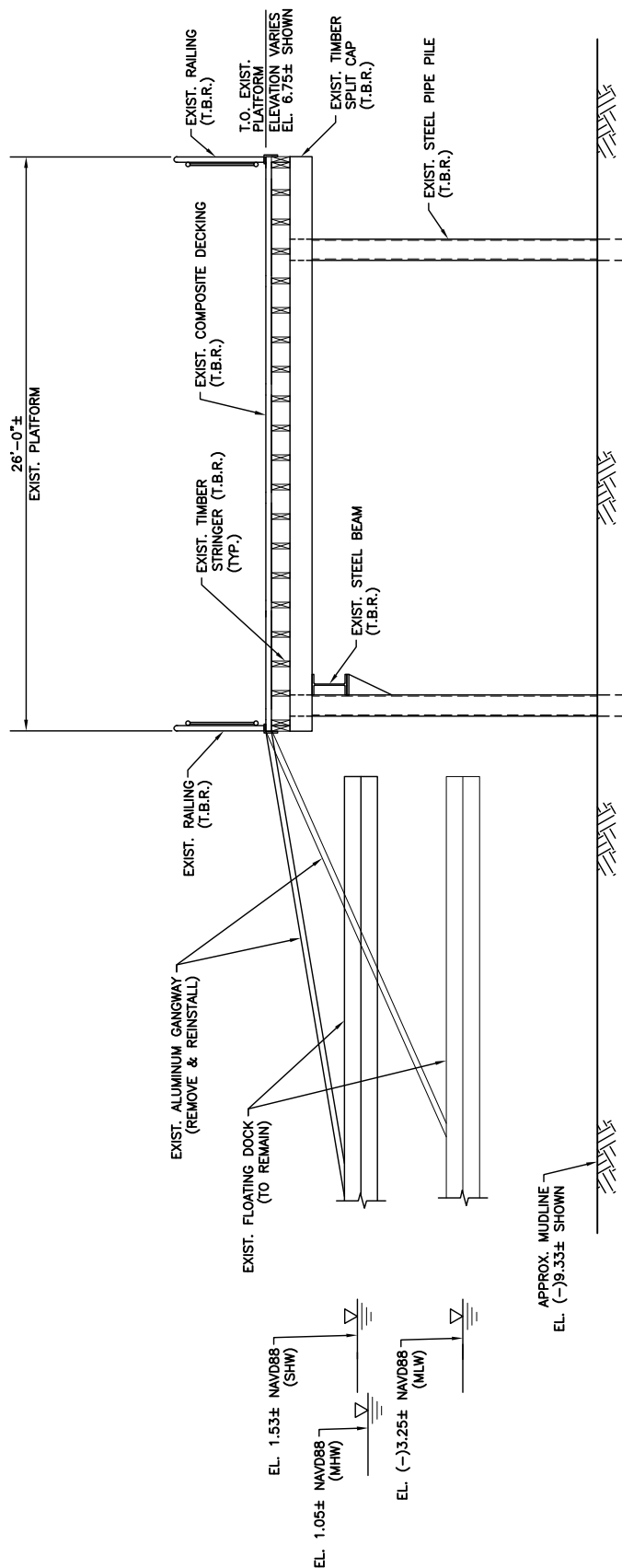
NOTES:

1. ELEVATIONS OF EXISTING STRUCTURES ARE APPROXIMATE.
2. T.B.R. INDICATES TO BE REMOVED.
3. DIAGONAL BRACING NOT SHOWN FOR CLARITY.
4. FRAMING AT EXISTING WALKWAY SHOWN SCHEMATICALLY.

PURPOSE: PUBLIC ACCESS IMPROVEMENTS-PIER 59
DATUM: NAVD 1988
TAX MAP: MANHATTAN BOROUGH BLK. 662, LOT 7
ADJ. PROPERTY OWNERS:
 1. PIER 57: HRP TRUST
 2. PIER 62: HRP TRUST

EXISTING SECTION B-B
 1"=8'
VACHRIS ENGINEERING
 370 OLD COUNTRY ROAD
 GARDEN CITY, NEW YORK

PROPOSED WALKWAY EXPANSION
IN: HUDSON RIVER
AT: CHELSEA PIERS, NYC
MANHATTAN, NY
COUNTY OF: NEW YORK
APP. BY: HRP TRUST
DATE: OCTOBER 2023
SHT. 6 OF 20



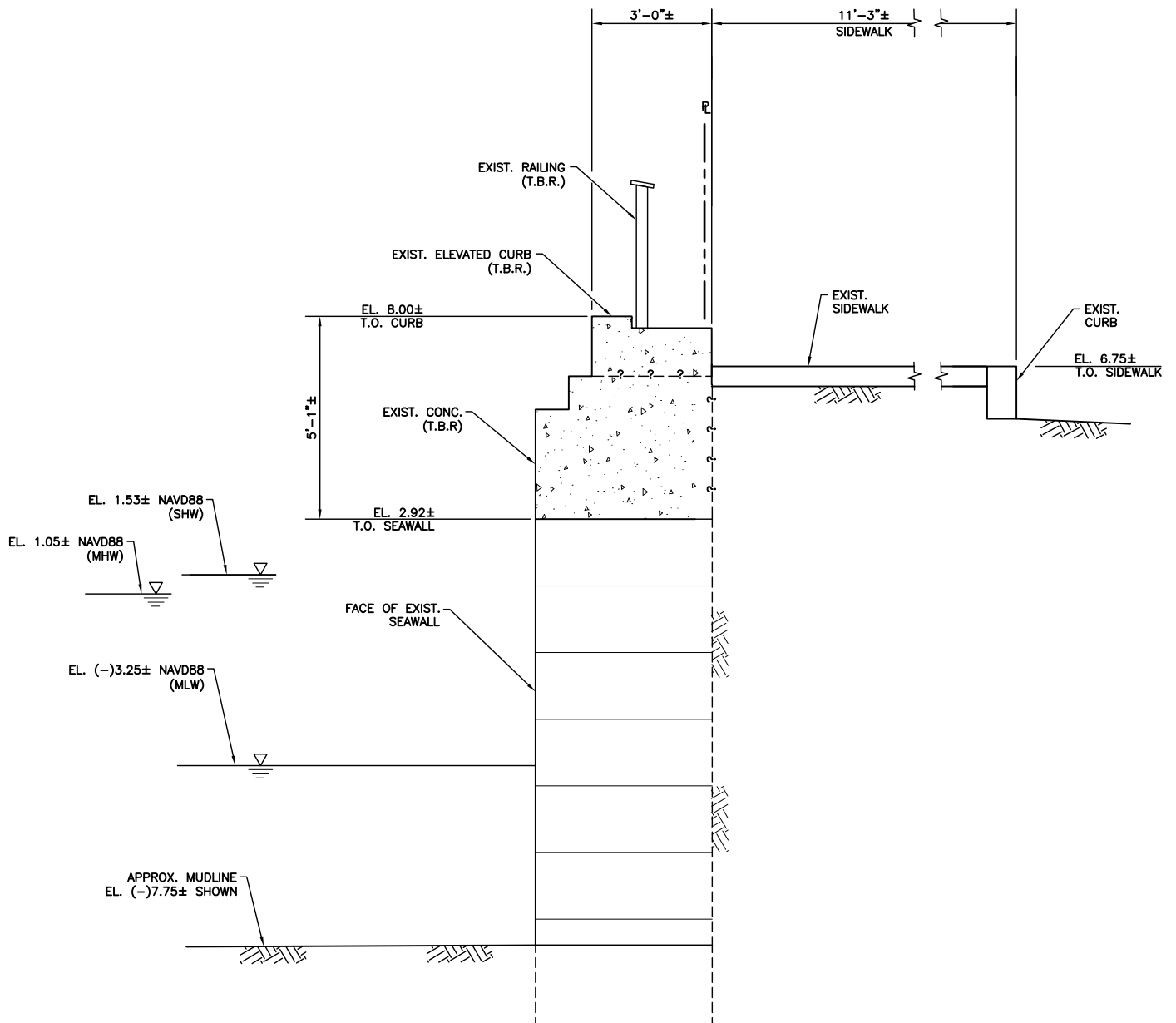
NOTES:

1. ELEVATIONS OF EXISTING STRUCTURES ARE APPROXIMATE.
2. T.B.R. INDICATES TO BE REMOVED.
3. DIAGONAL BRACING NOT SHOWN FOR CLARITY.
4. FRAMING AT EXISTING PLATFORM SHOWN SCHEMATICALLY.
5. FLOATING DOCK AND ALUMINUM GANGWAY SHOWN SCHEMATICALLY.

PURPOSE: PUBLIC ACCESS
IMPROVEMENTS-PIER 59
DATUM: NAVD 1988
TAX MAP: MANHATTAN BOROUGH
BLK. 662, LOT 7
ADJ. PROPERTY OWNERS:
1. PIER 57: HRP TRUST
2. PIER 62: HRP TRUST

EXISTING SECTION C-C
1"=8'
VACHRIS
ENGINEERING
370 OLD COUNTRY ROAD
GARDEN CITY, NEW YORK

PROPOSED WALKWAY EXPANSION
IN: HUDSON RIVER
AT: CHELSEA PIERS, NYC
MANHATTAN, NY
COUNTY OF: NEW YORK
APP. BY: HRP TRUST
DATE: OCTOBER 2023
SHT. 7 OF 20

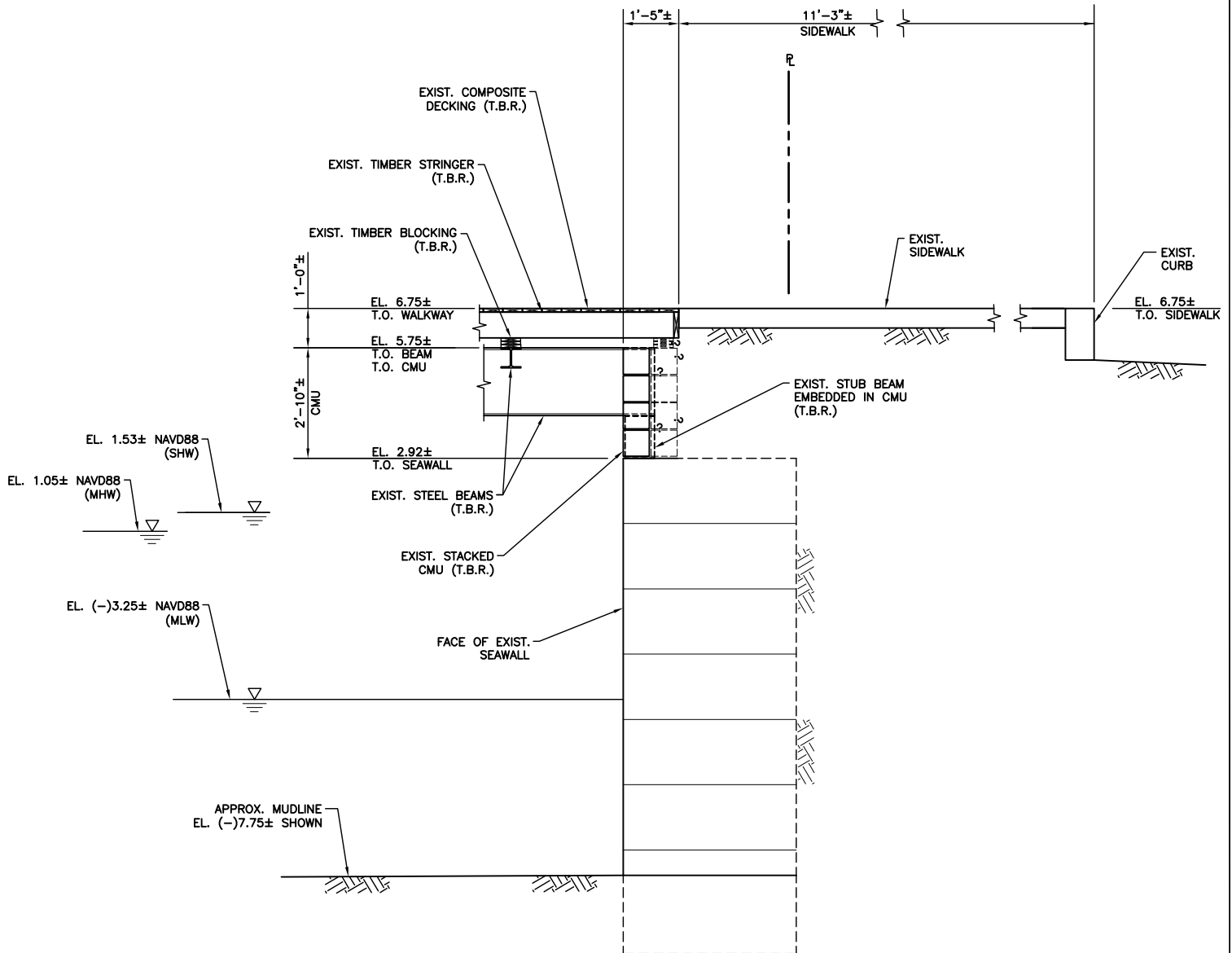


PURPOSE: PUBLIC ACCESS
IMPROVEMENTS-PIER 59
DATUM: NAVD 1988
TAX MAP: MANHATTAN BOROUGH
BLK. 662, LOT 7
ADJ. PROPERTY OWNERS:
1. PIER 57: HRP TRUST
2. PIER 62: HRP TRUST

EXISTING SECTION D-D
1"=4'

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ENGINEERING
370 OLD COUNTRY ROAD
GARDEN CITY, NEW YORK

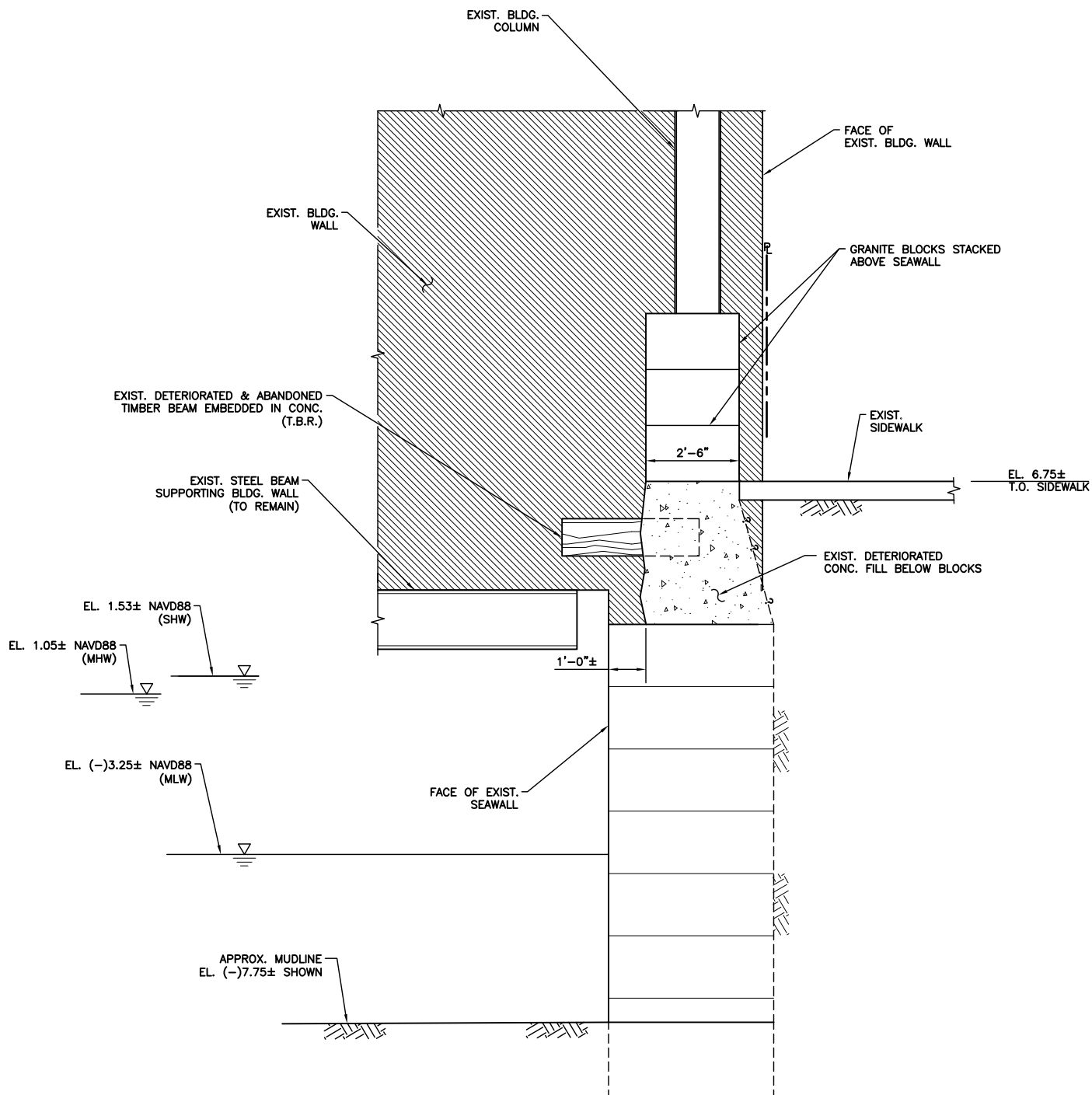
PROPOSED WALKWAY EXPANSION
IN: HUDSON RIVER
AT: CHELSEA PIERS, NYC
MANHATTAN, NY
COUNTY OF: NEW YORK
APP. BY: HRP TRUST
DATE: OCTOBER 2023
SHT. 8 OF 20



PURPOSE: PUBLIC ACCESS
IMPROVEMENTS-PIER 59
DATUM: NAVD 1988
TAX MAP: MANHATTAN BOROUGH
BLK. 662, LOT 7
ADJ. PROPERTY OWNERS:
1. PIER 57: HRP TRUST
2. PIER 62: HRP TRUST

EXISTING SECTION E-E
1"=4'
VACHRIS
ENGINEERING
370 OLD COUNTRY ROAD
GARDEN CITY, NEW YORK

PROPOSED WALKWAY EXPANSION
IN: HUDSON RIVER
AT: CHELSEA PIERS, NYC
MANHATTAN, NY
COUNTY OF: NEW YORK
APP. BY: HRP TRUST
DATE: OCTOBER 2023
SHT. 9 OF 20



PURPOSE: PUBLIC ACCESS
IMPROVEMENTS-PIER 59

DATUM: NAVD 1988

TAX MAP: MANHATTAN BOROUGH
BLK. 662, LOT 7

ADJ. PROPERTY OWNERS:

1. PIER 57: HRP TRUST
2. PIER 62: HRP TRUST

EXISTING SECTION F-F
1"=4'

VACHRIS
ENGINEERING

370 OLD COUNTRY ROAD
GARDEN CITY, NEW YORK

PROPOSED WALKWAY EXPANSION

IN: HUDSON RIVER

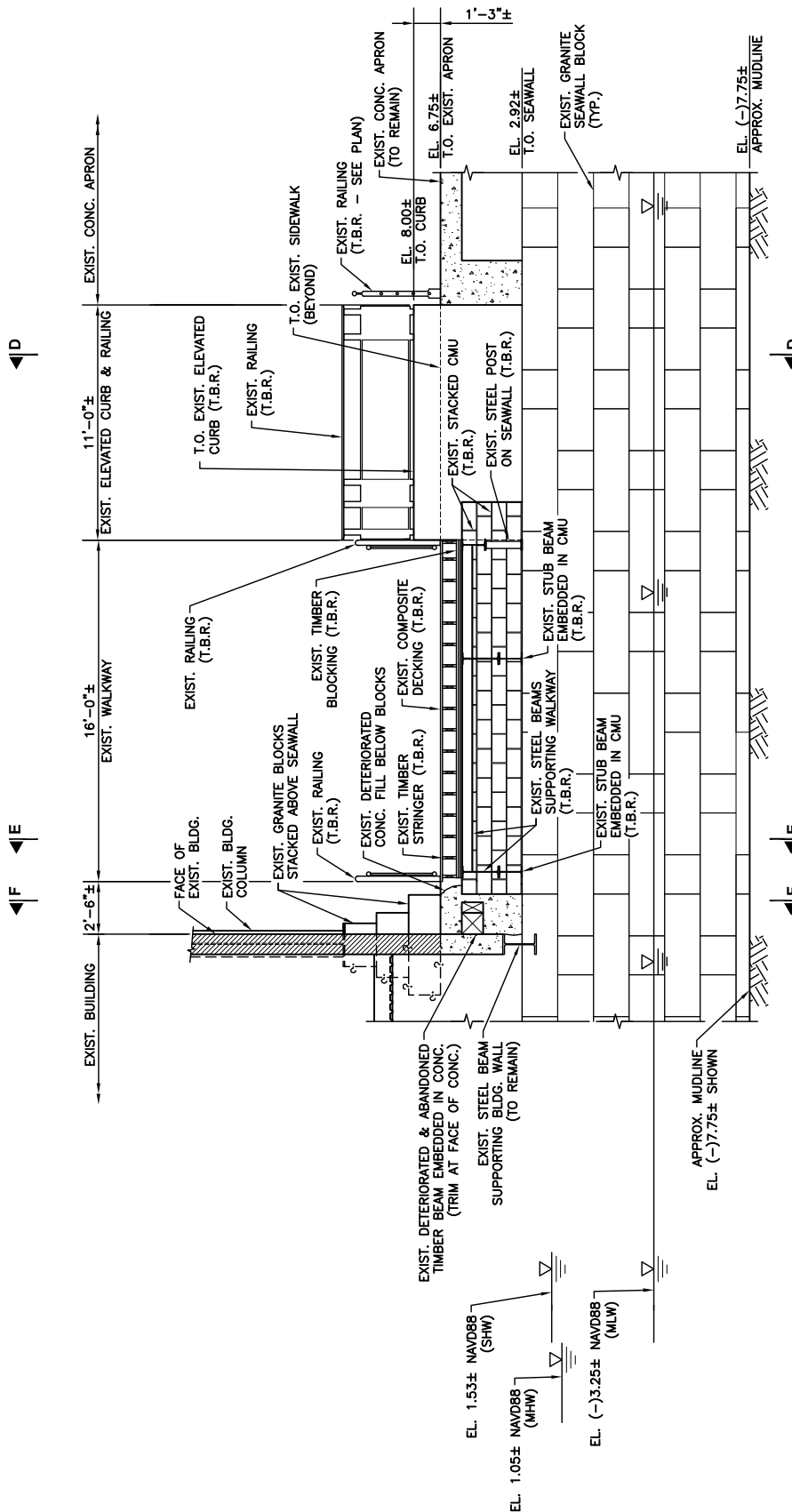
AT: CHELSEA PIERS, NYC
MANHATTAN, NY

COUNTY OF: NEW YORK

APP. BY: HRP TRUST

DATE: OCTOBER 2023

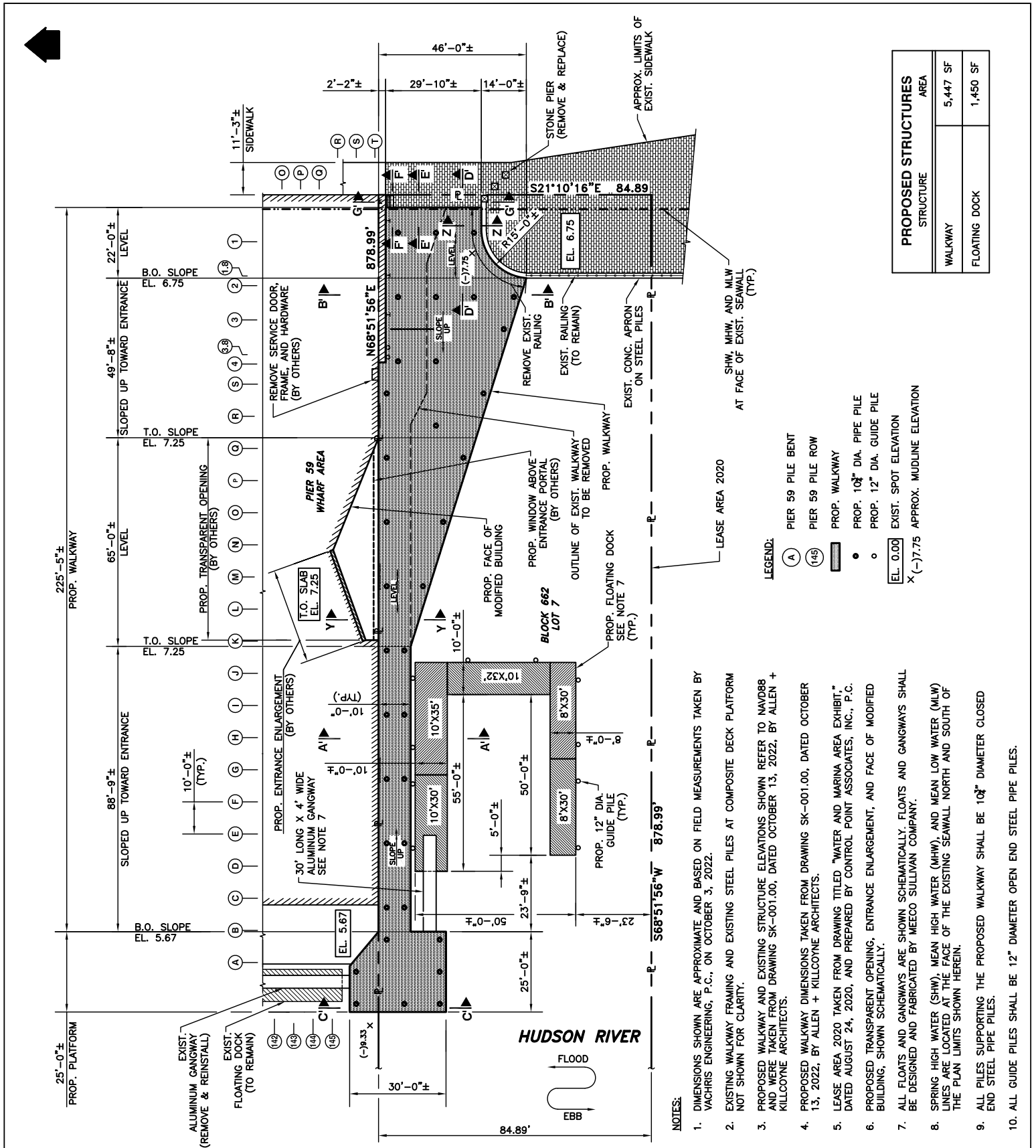
SHT. 10 OF 20



PURPOSE: PUBLIC ACCESS
IMPROVEMENTS-PIER 59
DATUM: NAVD 1988
TAX MAP: MANHATTAN BOROUGH
BLK. 662, LOT 7
ADJ. PROPERTY OWNERS:
1. PIER 57: HRP TRUST
2. PIER 62: HRP TRUST

EXISTING ELEVATION G-G
1"=8'
VACHRIS
ENGINEERING
370 OLD COUNTRY ROAD
GARDEN CITY, NEW YORK

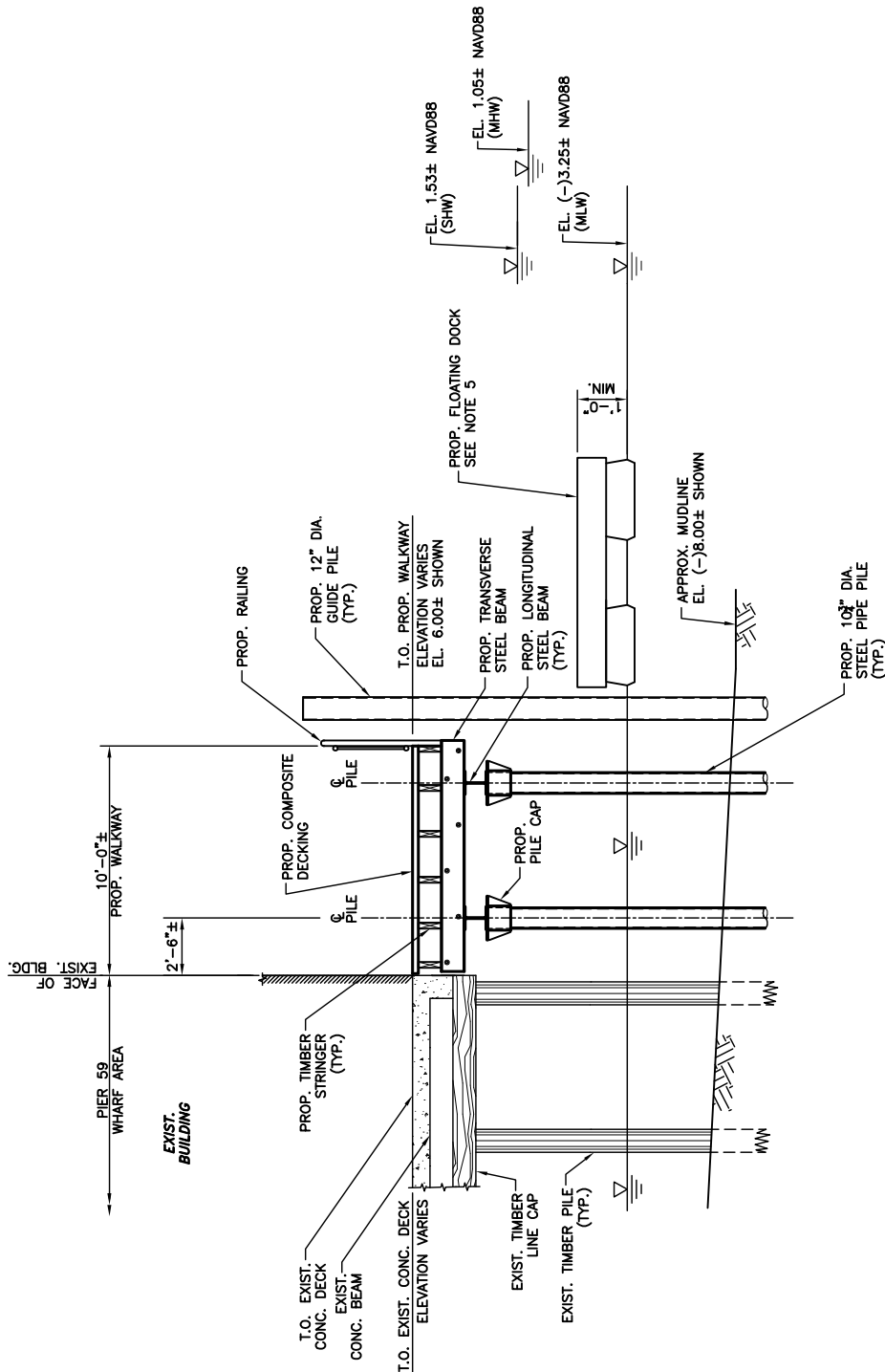
PROPOSED WALKWAY EXPANSION
IN: HUDSON RIVER
AT: CHELSEA PIERS, NYC
MANHATTAN, NY
COUNTY OF: NEW YORK
APP. BY: HRP TRUST
DATE: OCTOBER 2023
SHT. 11 OF 20



PURPOSE: PUBLIC ACCESS IMPROVEMENTS-PIER 59
DATUM: NAVD 1988
TAX MAP: MANHATTAN BOROUGH BLK. 662, LOT 7
ADJ. PROPERTY OWNERS:
 1. PIER 57: HRP TRUST
 2. PIER 62: HRP TRUST

PROP. WALKWAY & FLOAT PLAN
 1"=40'
VACHRIS ENGINEERING
 370 OLD COUNTRY ROAD
 GARDEN CITY, NEW YORK

PROPOSED WALKWAY EXPANSION
IN: HUDSON RIVER
AT: CHELSEA PIERS, NYC
 MANHATTAN, NY
COUNTY OF: NEW YORK
APP. BY: HRP TRUST
DATE: OCTOBER 2023
SHT. 12 OF 20



NOTES:

1. PROPOSED FLOATING DOCK SHOWN SCHEMATICALLY.
2. PROPOSED BUILDING FACADE (BY OTHERS) NOT SHOWN FOR CLARITY.
3. ELEVATIONS OF EXISTING STRUCTURES APPROXIMATE.
4. PILE BRACING TO BE DETERMINED AND IS NOT SHOWN.
5. ALL FLOATS AND GANGWAYS ARE SHOWN SCHEMATICALLY. FLOATS AND GANGWAYS SHALL BE DESIGNED AND FABRICATED BY MEECO SULLIVAN COMPANY.
6. ALL PILES SUPPORTING THE PROPOSED WALKWAY SHALL BE 103" DIAMETER CLOSED END STEEL PIPE PILES.
7. ALL GUIDE PILES SHALL BE 12" DIAMETER OPEN END STEEL PIPE PILES.

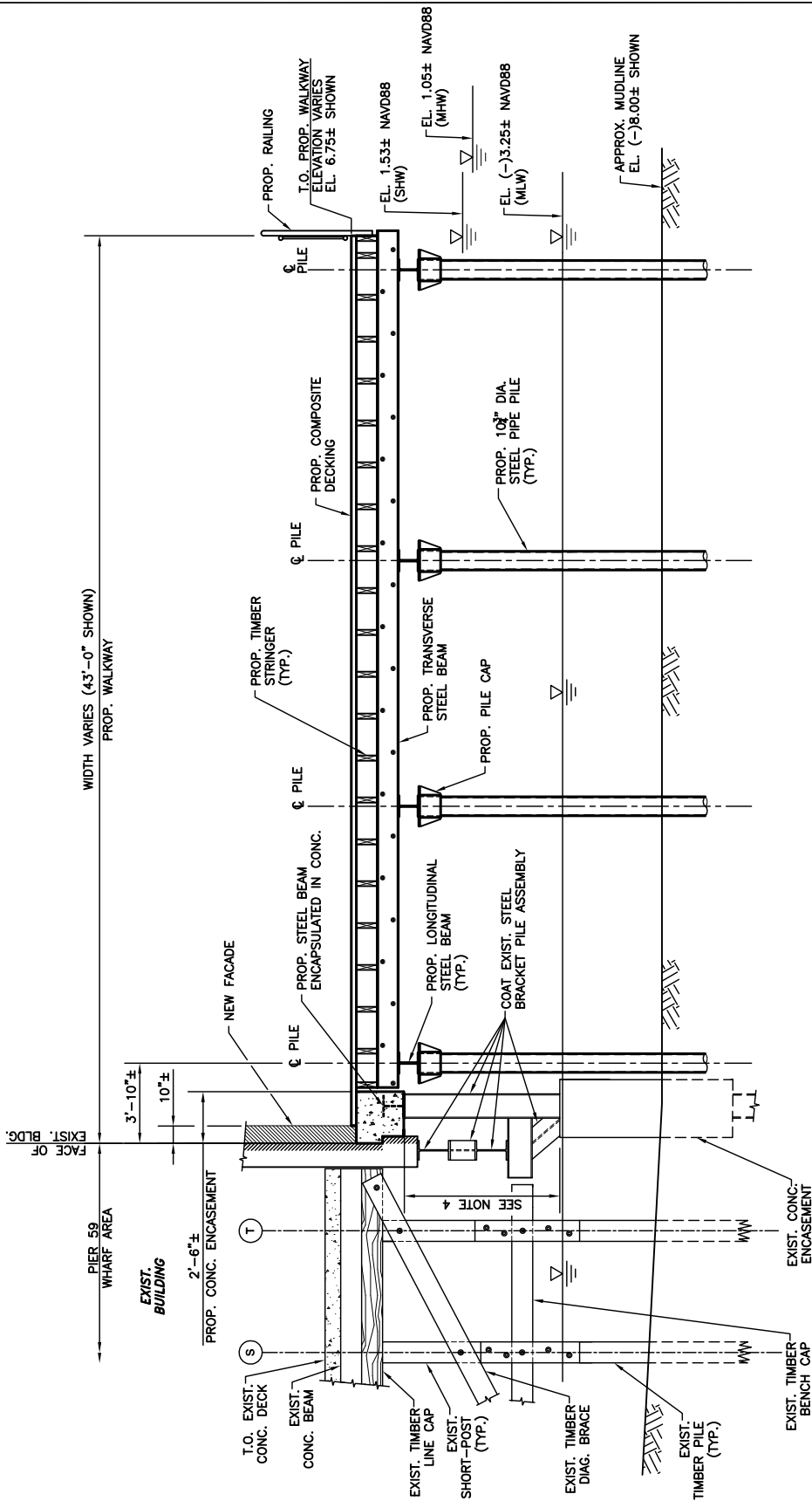
PURPOSE: PUBLIC ACCESS
IMPROVEMENTS-PIER 59
DATUM: NAVD 1988
TAX MAP: MANHATTAN BOROUGH
BLK. 662, LOT 7
ADJ. PROPERTY OWNERS:
1. PIER 57: HRP TRUST
2. PIER 62: HRP TRUST

PROPOSED SECTION A'-A'
1"=8'

VACHRIS
ENGINEERING

370 OLD COUNTRY ROAD
GARDEN CITY, NEW YORK

PROPOSED WALKWAY EXPANSION
IN: HUDSON RIVER
AT: CHELSEA PIERS, NYC
MANHATTAN, NY
COUNTY OF: NEW YORK
APP. BY: HRP TRUST
DATE: OCTOBER 2023
SHT. 13 OF 20



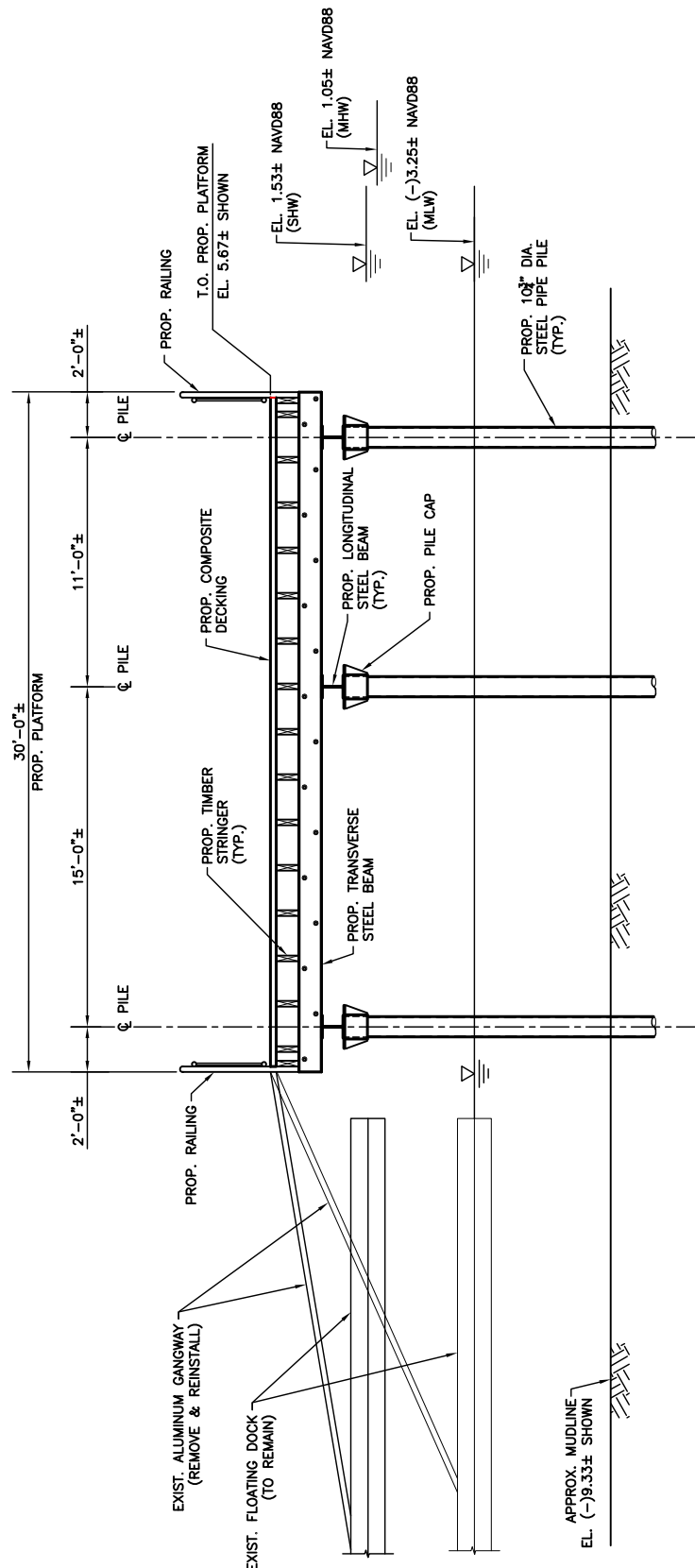
NOTES:

1. PROPOSED BUILDING FACADE (BY OTHERS) NOT SHOWN FOR CLARITY.
2. ELEVATIONS OF EXISTING STRUCTURES APPROXIMATE.
3. PILE BRACING TO BE DETERMINED AND IS NOT SHOWN.
4. APPLY EPOXY COATING TO ALL EXISTING STEEL COMPONENTS AT THE LIMITS SHOWN HEREIN, INCLUDING BUT NOT LIMITED TO, PILE, BRACKETS, BEAMS, AND BLOCKING.
5. ALL PILES SUPPORTING THE PROPOSED WALKWAY SHALL BE 10 1/2" DIAMETER CLOSED END STEEL PIPE PILES.

PURPOSE: PUBLIC ACCESS IMPROVEMENTS-PIER 59
DATUM: NAVD 1988
TAX MAP: MANHATTAN BOROUGH BLK. 662, LOT 7
ADJ. PROPERTY OWNERS:
 1. PIER 57: HRP TRUST
 2. PIER 62: HRP TRUST

PROPOSED SECTION B'-B'
 1"=8'
VACHRIS ENGINEERING
 370 OLD COUNTRY ROAD
 GARDEN CITY, NEW YORK

PROPOSED WALKWAY EXPANSION
IN: HUDSON RIVER
AT: CHELSEA PIERS, NYC
 MANHATTAN, NY
COUNTY OF: NEW YORK
APP. BY: HRP TRUST
DATE: OCTOBER 2023
SHT. 14 OF 20



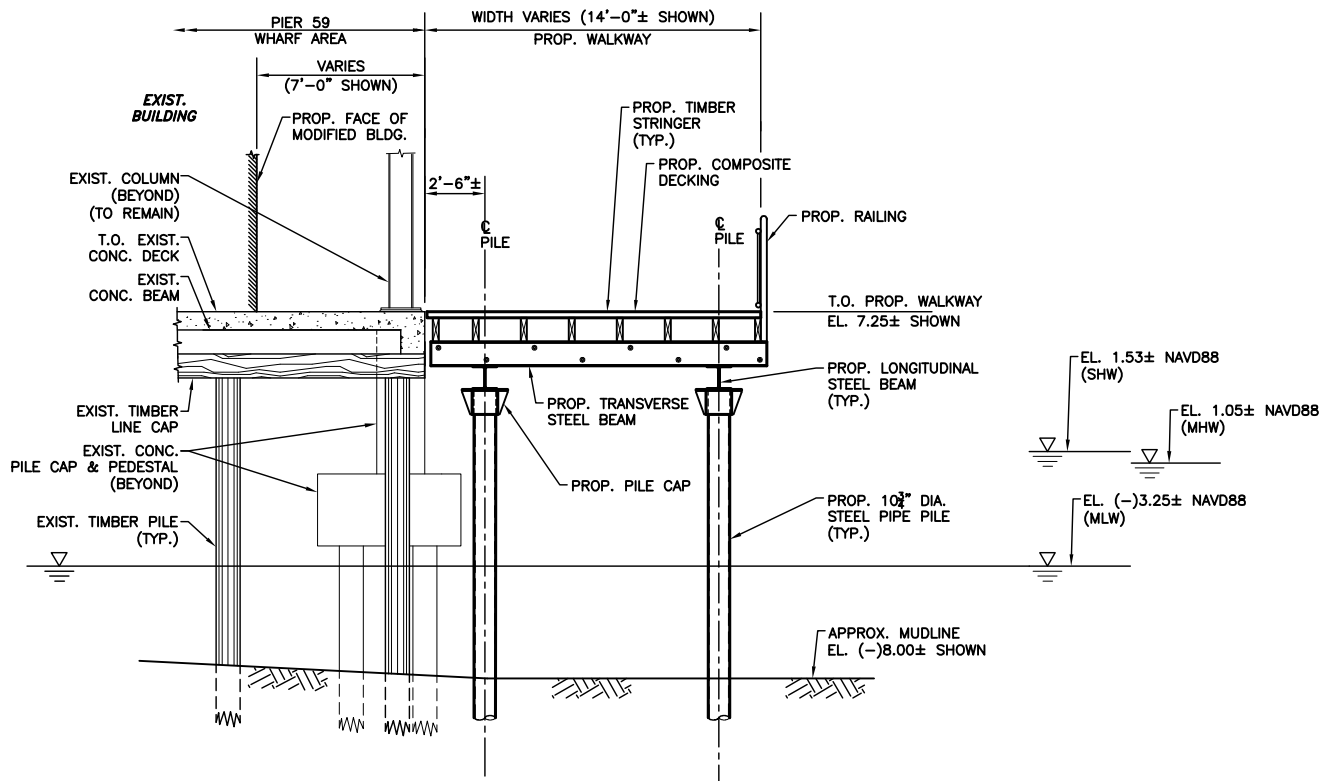
NOTES:

1. FLOATING DOCK AND ALUMINUM GANGWAY SHOWN SCHEMATICALLY.
2. ALL PILES SUPPORTING THE PROPOSED WALKWAY SHALL BE 10" DIAMETER CLOSED END STEEL PIPE PILES.

PURPOSE: PUBLIC ACCESS
IMPROVEMENTS-PIER 59
DATUM: NAVD 1988
TAX MAP: MANHATTAN BOROUGH
BLK. 662, LOT 7
ADJ. PROPERTY OWNERS:
1. PIER 57: HRP TRUST
2. PIER 62: HRP TRUST

PROPOSED SECTION C'-C'
1"=8'
VACHRIS
ENGINEERING
370 OLD COUNTRY ROAD
GARDEN CITY, NEW YORK

PROPOSED WALKWAY EXPANSION
IN: HUDSON RIVER
AT: CHELSEA PIERS, NYC
MANHATTAN, NY
COUNTY OF: NEW YORK
APP. BY: HRP TRUST
DATE: OCTOBER 2023
SHT. 15 OF 20



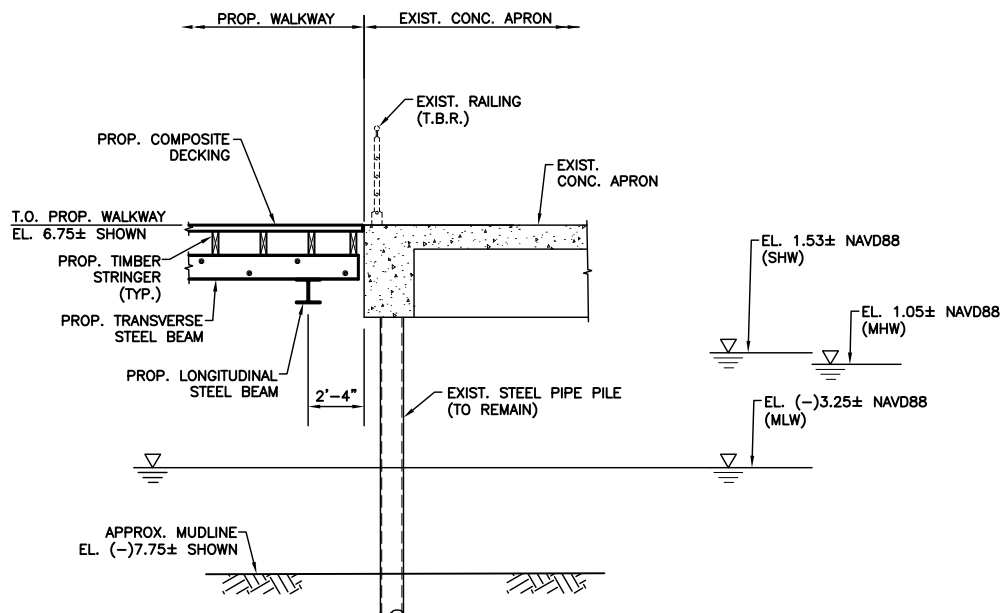
NOTES:

1. ALL PILES SUPPORTING THE PROPOSED WALKWAY SHALL BE 10 3/4" DIAMETER CLOSED END STEEL PIPE PILES.

PURPOSE: PUBLIC ACCESS IMPROVEMENTS-PIER 59
DATUM: NAVD 1988
TAX MAP: MANHATTAN BOROUGH BLK. 662, LOT 7
ADJ. PROPERTY OWNERS:
 1. PIER 57: HRP TRUST
 2. PIER 62: HRP TRUST

PROPOSED SECTION Y-Y
 1"=8'
VACHRIS ENGINEERING
 370 OLD COUNTRY ROAD
 GARDEN CITY, NEW YORK

PROPOSED WALKWAY EXPANSION
IN: HUDSON RIVER
AT: CHELSEA PIERS, NYC
MANHATTAN, NY
COUNTY OF: NEW YORK
APP. BY: HRP TRUST
DATE: OCTOBER 2023
SHT. 16 OF 20



NOTES:

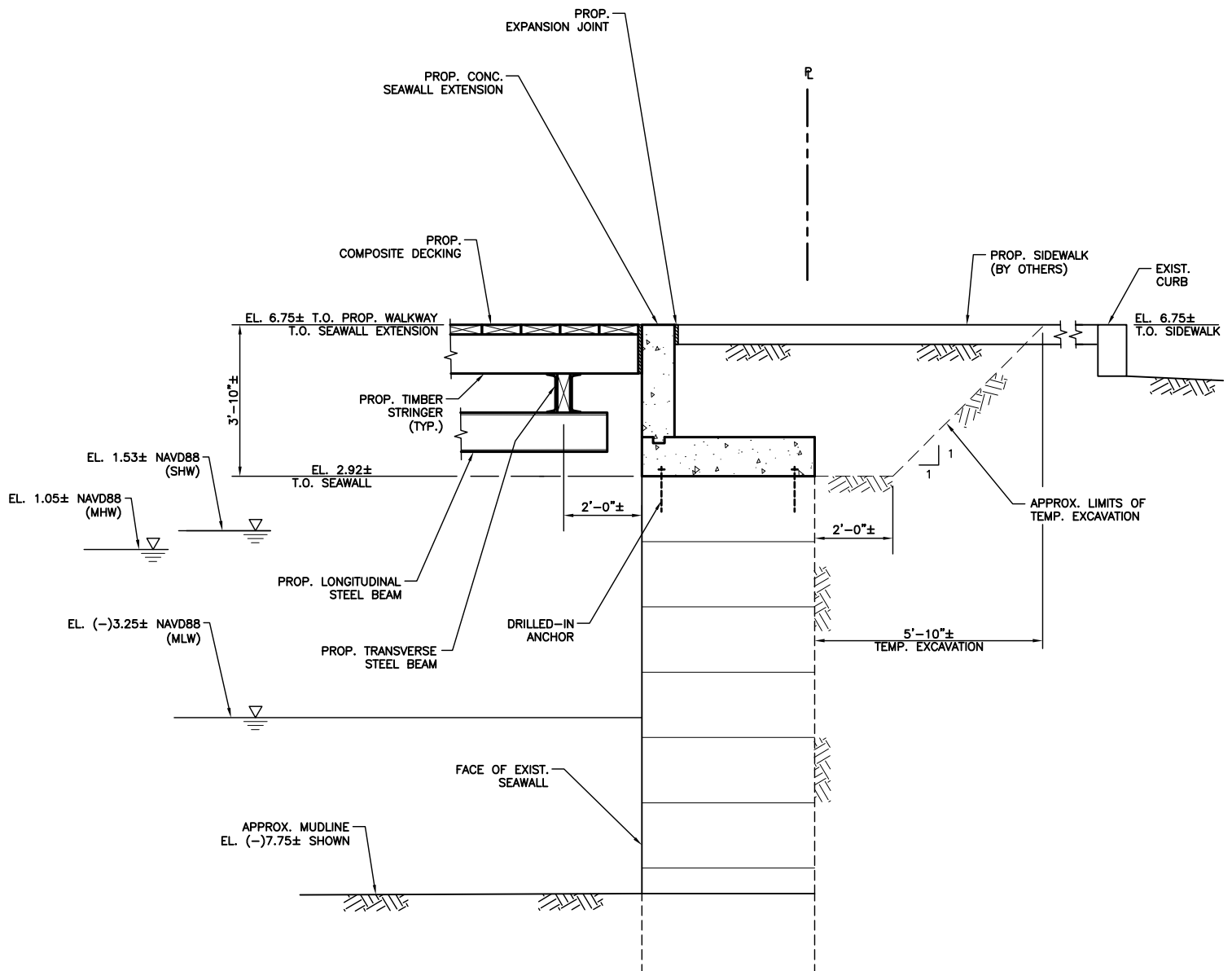
1. EXISTING CONCRETE APRON, STEEL PILE, AND RAILING SHOWN SCHEMATICALLY.

PURPOSE: PUBLIC ACCESS
IMPROVEMENTS—PIER 59
DATUM: NAVD 1988
TAX MAP: MANHATTAN BOROUGH
BLK. 662, LOT 7
ADJ. PROPERTY OWNERS:
1. PIER 57: HRP TRUST
2. PIER 62: HRP TRUST

PROPOSED SECTION Z-Z
1"=8'

VACHRIS
ENGINEERING
370 OLD COUNTRY ROAD
GARDEN CITY, NEW YORK

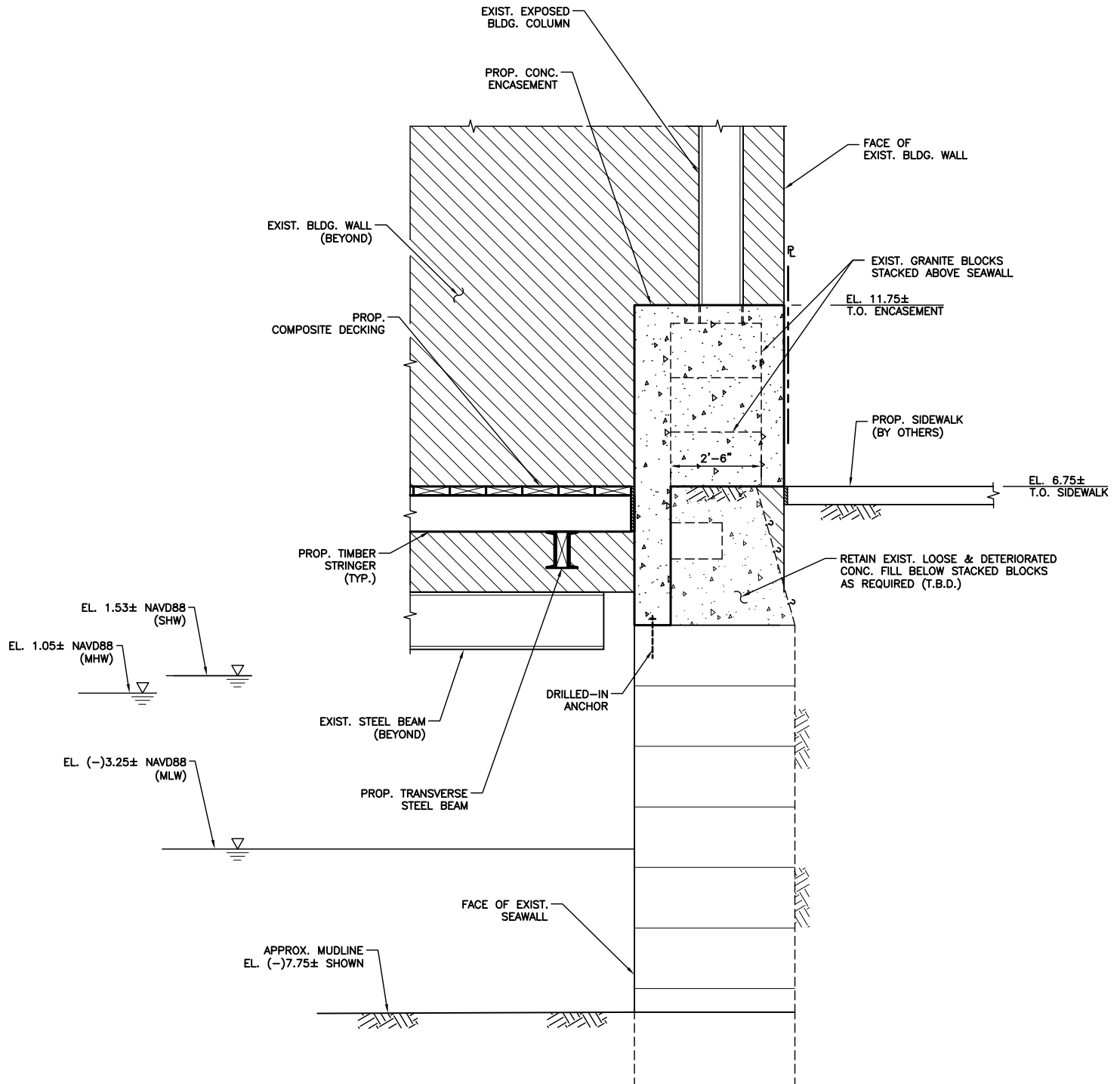
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PROPOSED SECTION D'-D'
1"=4'
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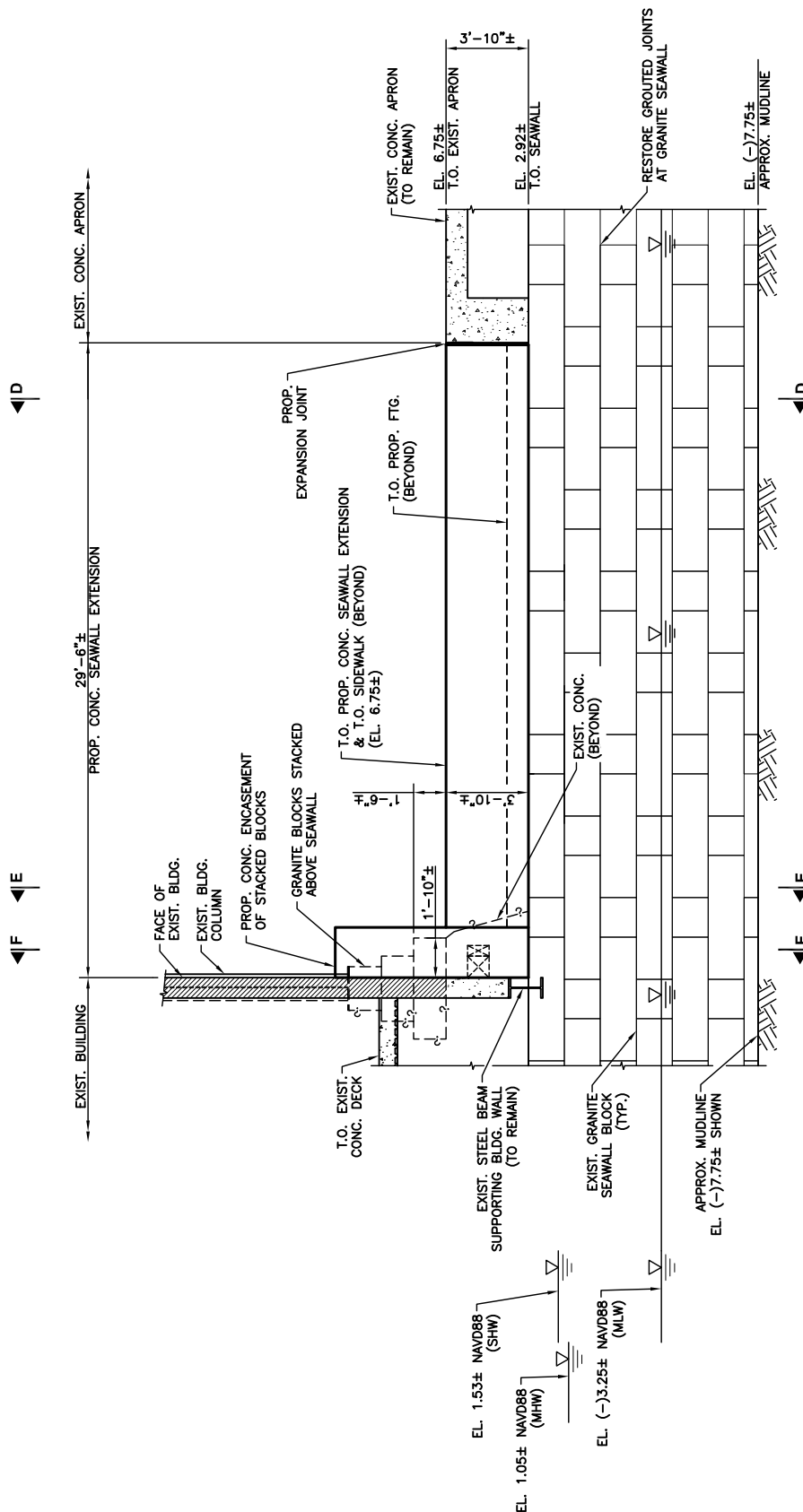


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PROPOSED SECTION F'-F'
1"=4'

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NOTE:
1. PROP. WALKWAY MEMBERS NOT SHOWN FOR CLARITY.

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PROPOSED ELEVATION G'-G'
1"=8'
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