



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-2007-1038-EHA
Issue Date: January 4, 2008
Expiration Date: February 4, 2008

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

APPLICANT: United States Coast Guard
Civil Engineering Unit Providence
300 Metro Center Boulevard
Warwick, Rhode Island 02886

ACTIVITY: Dredge with onsite dewatering and upland placement, install low-sill bulkhead, rip-rap, fender system, and mooring dolphin, and raise the elevation of Pier C.

WATERWAY: Upper New York Bay, East River

LOCATION: South Street, Borough of Manhattan, New York County, 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 MAILED TO REACH THIS OFFICE BEFORE THE EXPIRATION DATE OF THIS NOTICE, otherwise, it will be presumed that there are no objections to the activity.

Any person may request, in writing, before this public notice expires, that a public hearing be held to collect information

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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 mail 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 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, there are no known sites eligible for, or included in, the Register within the permit area. Presently unknown archeological, scientific, prehistorical, or historical data may be lost by work accomplished under the required permit.

Reviews of activities pursuant to Section 404 of the Clean Water Act will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 (b) of the Clean Water Act and the applicant will obtain a water quality certificate or waiver from the appropriate state agency in accordance with Section 401 of the Clean Water Act prior to a permit decision.

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 occurs. 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 Waterfront Revitalization, Coastal Zone Management Program, 41 State Street, 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.

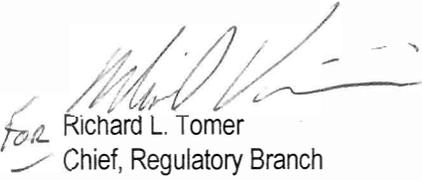
In addition to any required water quality certificate and coastal zone management program concurrence, the applicant has obtained or requested the following governmental authorization for the activity under consideration:

- New York City Department of City Planning, 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. If you have any questions concerning this application, you may contact this office at (917) 790-8523 and ask for Naomi Handell.

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


For Richard L. Tomer
Chief, Regulatory Branch

Enclosures

WORK DESCRIPTION

The applicant, the United States Coast Guard (USCG), has requested Department of the Army authorization to dredge with onsite dewatering and upland placement, install a low-sill bulkhead, rip-rap, a fender system, and a mooring dolphin and raise the elevation of Pier C. The proposed project is located in Upper New York Bay, East River, at South Street, Lower Manhattan, New York County.

The work would involve dredging via mechanical dredge using an environmental bucket approximately 5,500 cubic yards of shoals, native material, hard material and debris from a 260 foot long by 50 foot wide area, to the east of Pier C, to a depth of -19 feet below the plane of mean low water, including a 1 foot overcut (see Sheet 10 of 14 and 12 of 14). If glacial till is encountered, it would be removed with a "heavy digging" clamshell bucket or backhoe.

The resultant dredged material, composed of 6% clay, 9% silt, 73% sand, and 12% gravel, would be placed on scows and dewatered on site after a settling period of at least 24 hours, then transported to an authorized upland facility.

In order to support the existing structure, a 120 foot low-sill, steel sheet pile bulkhead and 15 foot bulkhead return would be installed waterward of the existing granite block seawall (see sheet 6 of 14 and sheet 9 of 14). This bulkhead would be located to the north of Pier C.

Two hundred forty-six cubic yards of stone rip-rap would be discharged to provide scour protection to a 30 foot long by 9 foot wide section of the existing granite block seawall (see sheet 6 of 14 and 10 of 14). The rip-rap would be located to the north of Pier C.

Eight fender panels supported by steel H-piles would be installed on the west side of Pier C (16 plumb piles and 10 batter piles). The piles would be socketed in place (see Sheet 6 of 14 and Sheet 12 of 14).

A 13 foot by 13 foot concrete mooring and turning dolphin would be installed approximately 60 feet to the southwest of Pier C. A 24 inch diameter concrete filled steel pipe bollard would be placed in the center of the dolphin and it would be supported by twelve 14 inch diameter steel pipe piles and one rock anchor. Sixteen timber fender piles would be located along the east and south sides of the dolphin. It would be connected to Pier C via a 61 foot long by 4 foot wide steel catwalk supported by 12 steel batter pipe piles (see Sheet 6 of 14, 13 of 14 and 14 of 14).

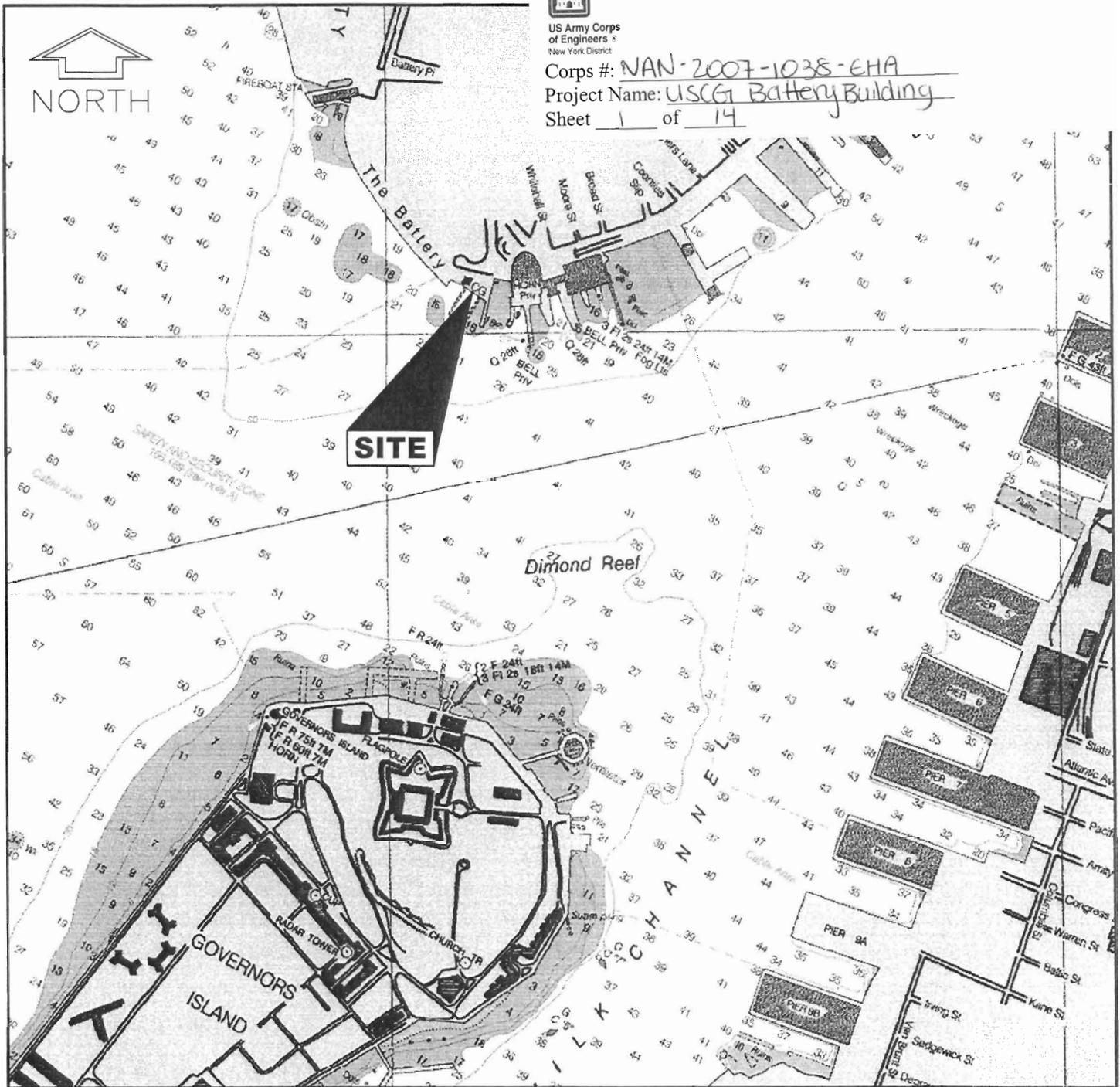
Pier C would be raised by forming and pouring concrete on top of the existing pier deck.

The stated purpose of this project is to rehabilitate the waterfront structures to accommodate USCG vessels with drafts of up to 14 feet.



US Army Corps
of Engineers
New York District

Corps #: NAN-2007-1038-EHA
Project Name: USCG Battery Building
Sheet 1 of 14



TAKEN FROM MAPTECH - REGION 3
NEW YORK TO NANTUCKET AND
TO CAPE MAY, NJ

VICINITY MAP

0 500 1000 2000 FEET



SCALE

FOR PERMIT USE ONLY
NOT FOR CONSTRUCTION

REV. 1 10/17/07

PURPOSE: TO REHABILITATE AND ENHANCE EXISTING
U.S.C.G. VESSEL BERTHING OPERATIONS

DATUM: MEAN LOWER LOW WATER

ADJACENT PROPERTY OWNERS:

WEST ABUTTER: DEPT. OF PARKS AND RECREATION

EAST ABUTTER: DEPARTMENT OF TRANSPORTATION

AGENT: OCEAN AND COASTAL CONSULTANTS ENGINEERING, P.C.

PROPOSED STRUCTURES, REHABILITATION AND
DREDGING ACTIVITIES

UPPER NEW YORK BAY
BOROUGH OF MANHATTAN
COUNTY OF NEW YORK

STATE OF NEW YORK

APPLICATION BY: USCG CEU PROVIDENCE

DATE: 6/13/07

SHEET 1 OF 14

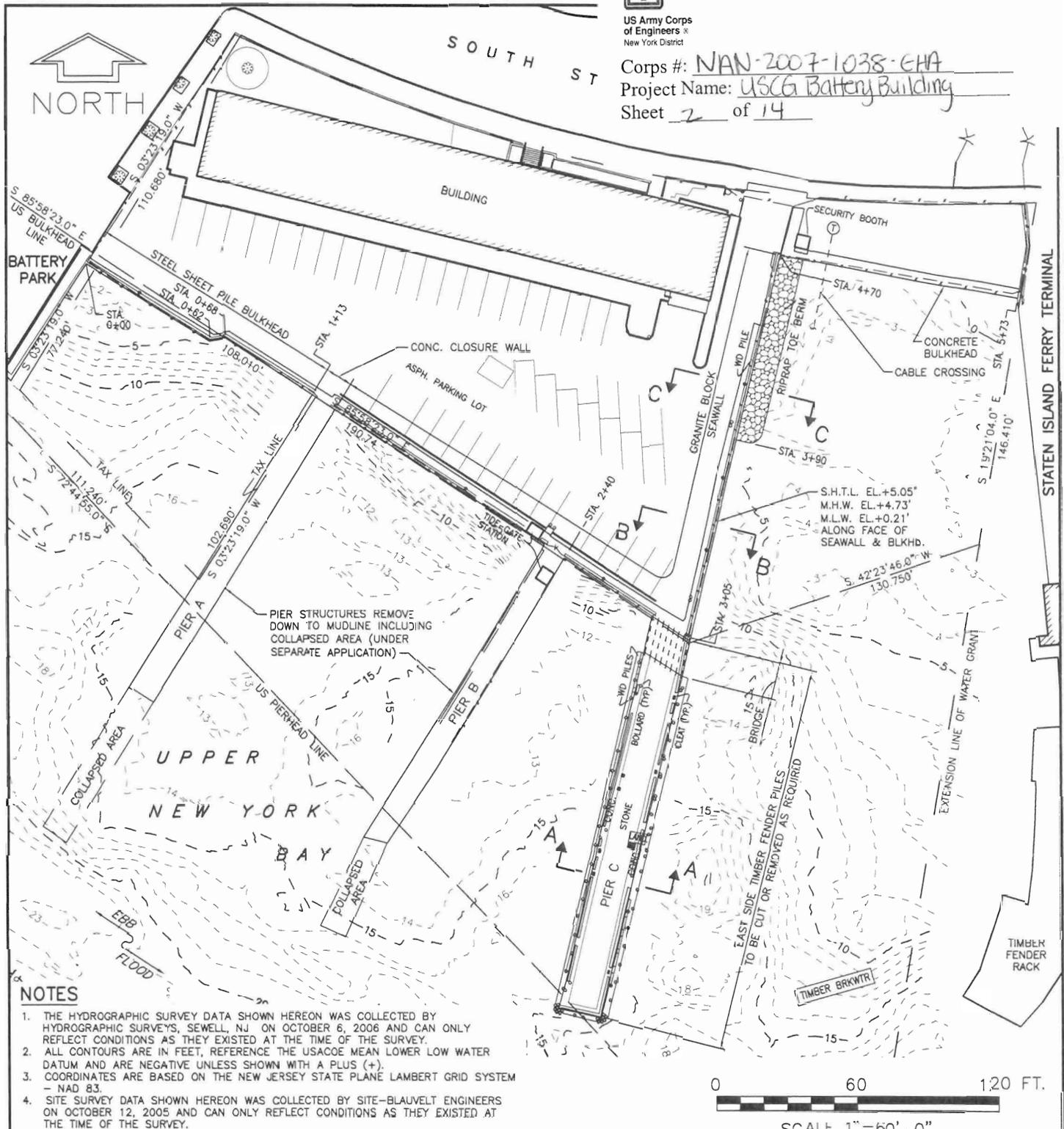


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New York District

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Project Name: USCG Battery Building

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NOTES

1. THE HYDROGRAPHIC SURVEY DATA SHOWN HEREON WAS COLLECTED BY HYDROGRAPHIC SURVEYS, SEWELL, NJ ON OCTOBER 6, 2006 AND CAN ONLY REFLECT CONDITIONS AS THEY EXISTED AT THE TIME OF THE SURVEY.
2. ALL CONTOURS ARE IN FEET, REFERENCE THE USACE MEAN LOWER LOW WATER DATUM AND ARE NEGATIVE UNLESS SHOWN WITH A PLUS (+).
3. COORDINATES ARE BASED ON THE NEW JERSEY STATE PLANE LAMBERT GRID SYSTEM - NAD 83.
4. SITE SURVEY DATA SHOWN HEREON WAS COLLECTED BY SITE-BLAUVELT ENGINEERS ON OCTOBER 12, 2005 AND CAN ONLY REFLECT CONDITIONS AS THEY EXISTED AT THE TIME OF THE SURVEY.

EXISTING SITE PLAN

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REV. 2 10/17/07

PURPOSE: TO REHABILITATE AND ENHANCE EXISTING U.S.C.G. VESSEL BERTHING OPERATIONS

DATUM: MEAN LOWER LOW WATER

ADJACENT PROPERTY OWNERS:
WEST ABUTTER: DEPT. OF PARKS AND RECREATION
EAST ABUTTER: DEPARTMENT OF TRANSPORTATION

AGENT: OCEAN AND COASTAL CONSULTANTS ENGINEERING, P.C.

PROPOSED STRUCTURES, REHABILITATION AND DREDGING ACTIVITIES
UPPER NEW YORK BAY
BOROUGH OF MANHATTAN
COUNTY OF NEW YORK
STATE OF NEW YORK

APPLICATION BY: USCG CEU PROVIDENCE

DATE: 6/13/07

SHEET 2 OF 14

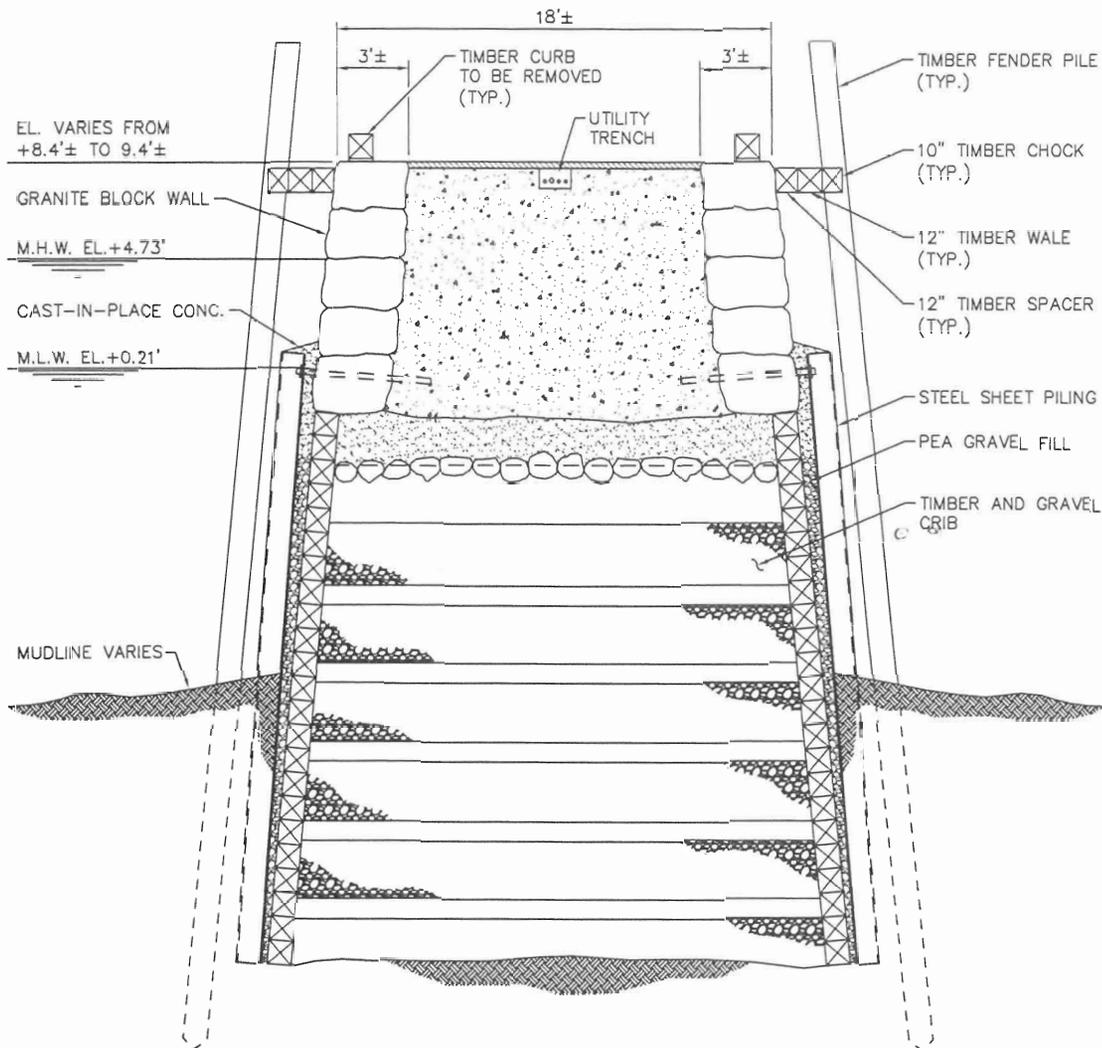


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New York District

Corps #: NAN-2007-1038-EHA

Project Name: USCG Battery Building

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EXISTING SECTION A-A

0 5 10 15 FT.



SCALE 1/8"=1'-0"

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PURPOSE: TO REHABILITATE AND ENHANCE EXISTING
U.S.C.G. VESSEL BERTHING OPERATIONS

DATUM: MEAN LOWER LOW WATER

ADJACENT PROPERTY OWNERS:

WEST ABUTTER: DEPT. OF PARKS AND RECREATION

EAST ABUTTER: DEPARTMENT OF TRANSPORTATION

AGENT: OCEAN AND COASTAL CONSULTANTS ENGINEERING, P.C.

PROPOSED STRUCTURES, REHABILITATION AND
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UPPER NEW YORK BAY
BOROUGH OF MANHATTAN
COUNTY OF NEW YORK
STATE OF NEW YORK

APPLICATION BY: USCG CEU PROVIDENCE

DATE: 6/13/07

SHEET 3 OF 14

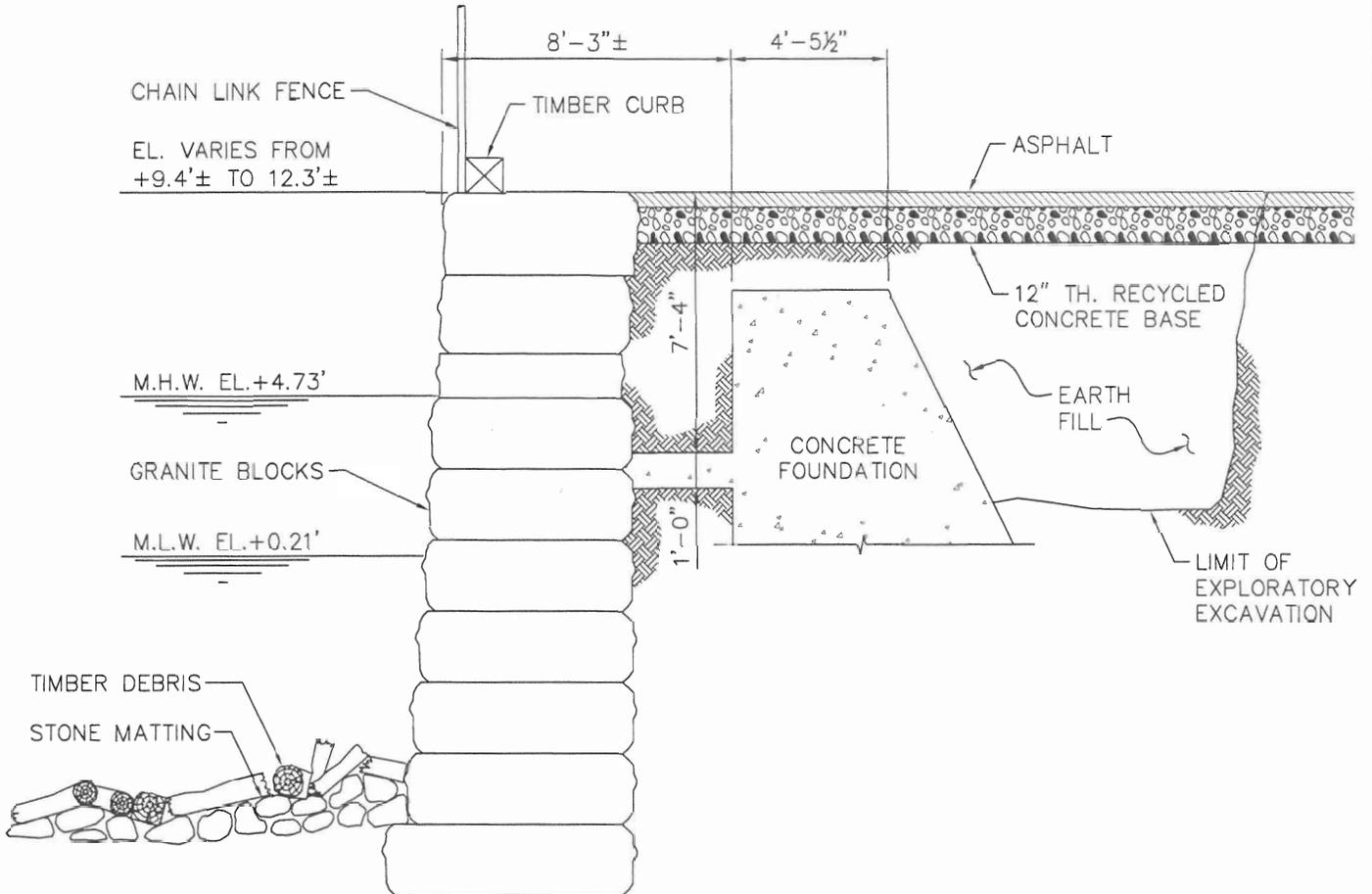


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New York District

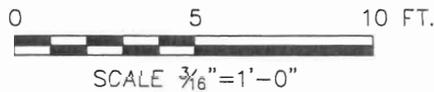
Corps #: NAN-2007-1038-EHA

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EXISTING SECTION B-B



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REV. 1 10/17/07

PURPOSE: TO REHABILITATE AND ENHANCE EXISTING
U.S.C.G. VESSEL BERTHING OPERATIONS

DATUM: MEAN LOWER LOW WATER

ADJACENT PROPERTY OWNERS:

WEST ABUTTER: DEPT. OF PARKS AND RECREATION

EAST ABUTTER: DEPARTMENT OF TRANSPORTATION

AGENT: OCEAN AND COASTAL CONSULTANTS ENGINEERING, P.C.

PROPOSED STRUCTURES, REHABILITATION AND
DREDGING ACTIVITIES

UPPER NEW YORK BAY

BOROUGH OF MANHATTAN

COUNTY OF NEW YORK

STATE OF NEW YORK

APPLICATION BY: USCG CEU PROVIDENCE

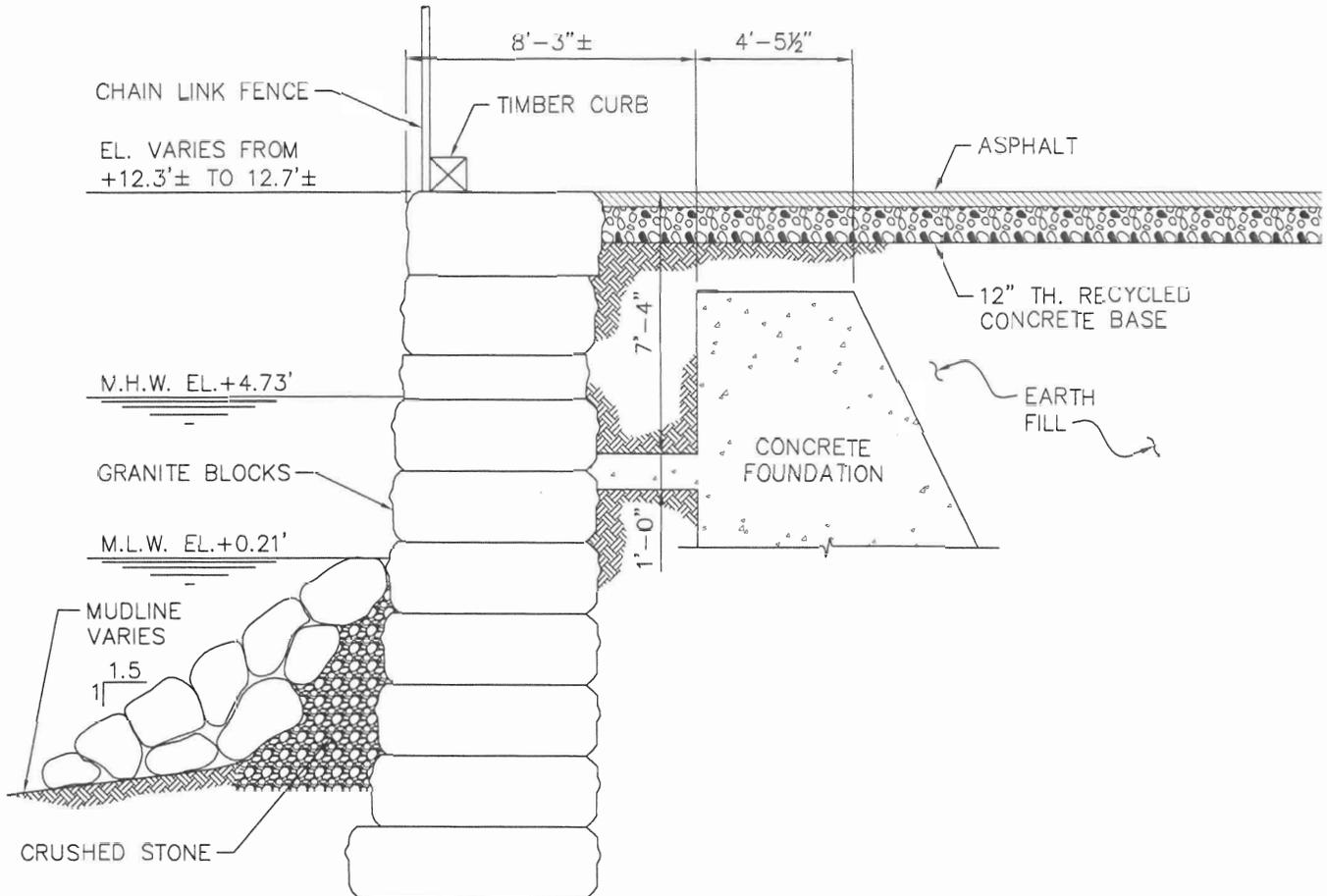
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SHEET 4 OF 14

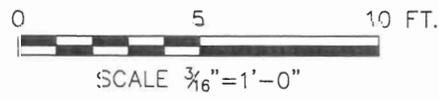


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EXISTING SECTION C-C



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REV. 1 10/17/07

PURPOSE: TO REHABILITATE AND ENHANCE EXISTING U.S.C.G. VESSEL BERTHING OPERATIONS

DATUM: MEAN LOWER LOW WATER

ADJACENT PROPERTY OWNERS:
WEST ABUTTER: DEPT. OF PARKS AND RECREATION
EAST ABUTTER: DEPARTMENT OF TRANSPORTATION

AGENT: OCEAN AND COASTAL CONSULTANTS ENGINEERING, P.C.

PROPOSED STRUCTURES, REHABILITATION AND DREDGING ACTIVITIES
UPPER NEW YORK BAY
BOROUGH OF MANHATTAN
COUNTY OF NEW YORK
STATE OF NEW YORK

APPLICATION BY: USCG CEU PROVIDENCE

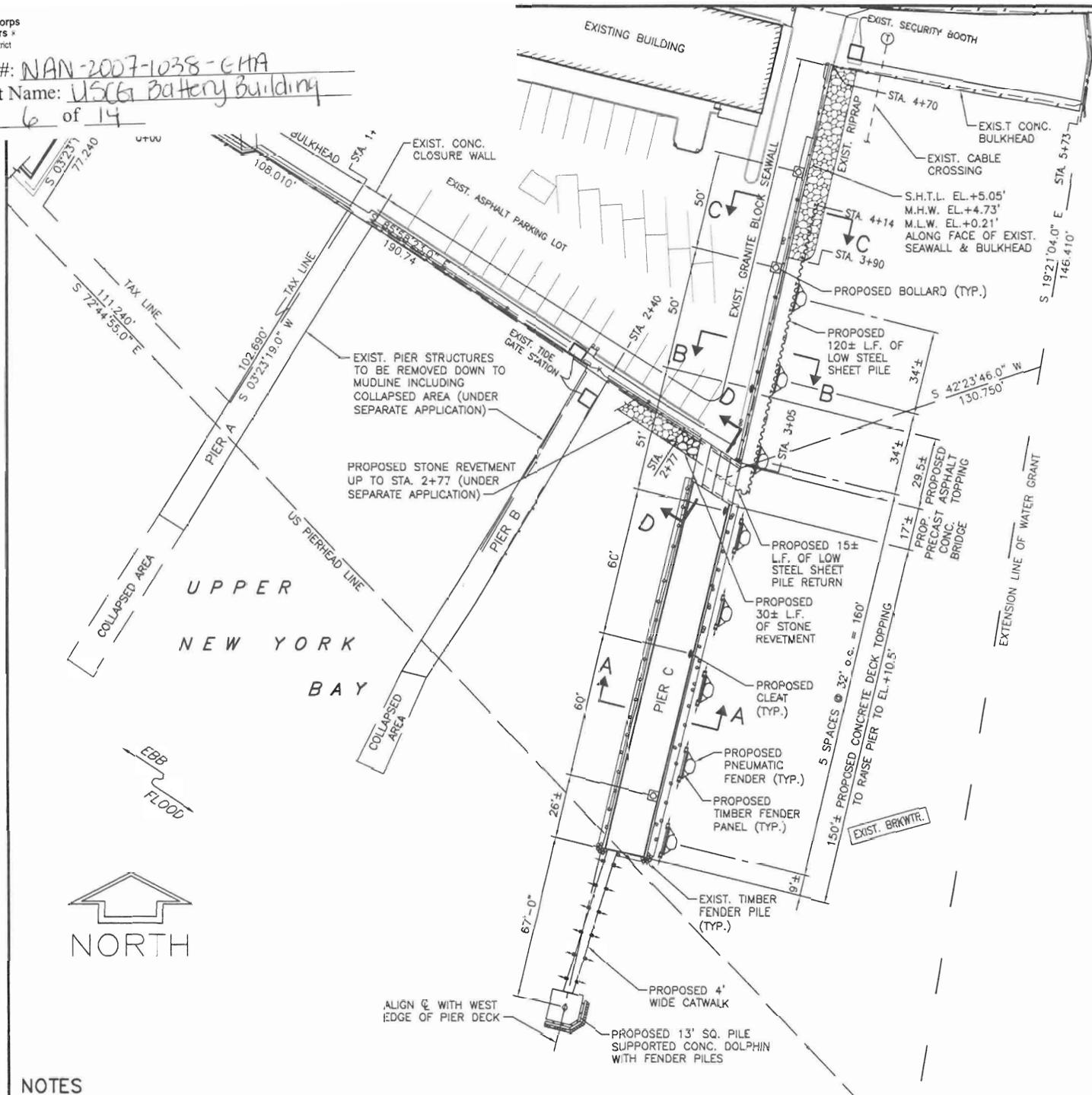
DATE: 6/13/07

SHEET 5 OF 14



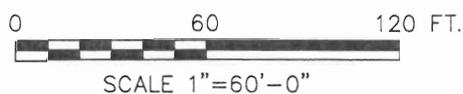
US Army Corps
of Engineers
New York District

Corps #: NAN-2007-1038-GHA
Project Name: USCG Battery Building
Sheet 6 of 14



NOTES

- COORDINATES ARE BASED ON THE NEW JERSEY STATE PLANE LAMBERT GRID SYSTEM - NAD 83.
- SITE SURVEY DATA SHOWN HEREON WAS COLLECTED BY SITE-BLAUVELT ENGINEERS ON OCTOBER 12, 2005 AND CAN ONLY REFLECT CONDITIONS AS THEY EXISTED AT THE TIME OF THE SURVEY.



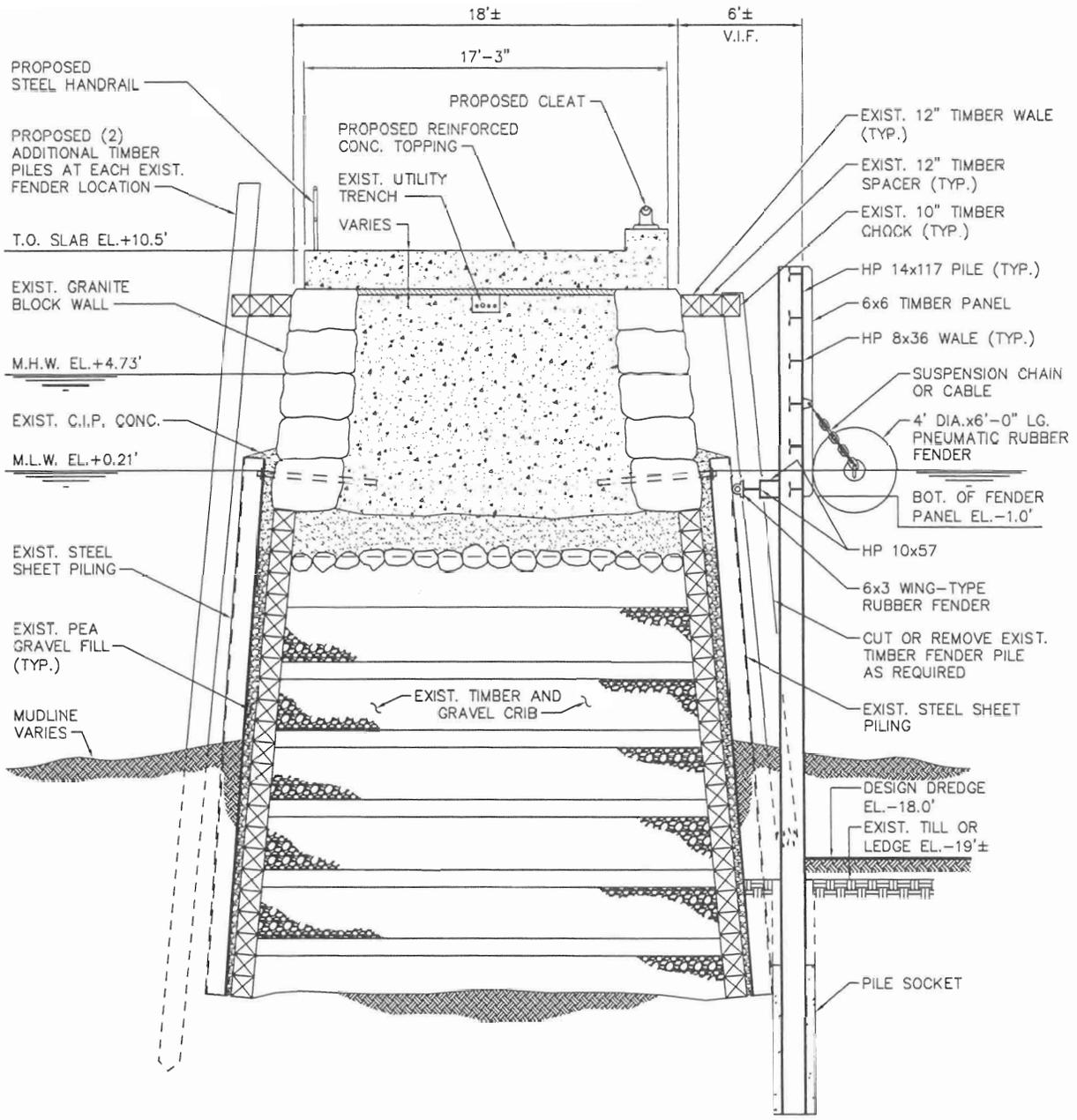
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PROPOSED SITE PLAN

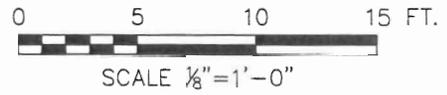
REV. 1 10/17/07

PURPOSE: TO REHABILITATE AND ENHANCE EXISTING U.S.C.G. VESSEL BERTHING OPERATIONS
DATUM: MEAN LOWER LOW WATER
ADJACENT PROPERTY OWNERS:
WEST ABUTTER: DEPT. OF PARKS AND RECREATION
EAST ABUTTER: DEPARTMENT OF TRANSPORTATION
AGENT: OCEAN AND COASTAL CONSULTANTS ENGINEERING, P.C.

PROPOSED STRUCTURES, REHABILITATION AND DREDGING ACTIVITIES
UPPER NEW YORK BAY
BOROUGH OF MANHATTAN
COUNTY OF NEW YORK
STATE OF NEW YORK
APPLICATION BY: USCG CEU PROVIDENCE
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PROPOSED SECTION A-A



Project Name: USCG Battery Buildings
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 Corps #: NAN-2007-038-6HA



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PURPOSE: TO REHABILITATE AND ENHANCE EXISTING U.S.C.G. VESSEL BERTHING OPERATIONS

DATUM: MEAN LOWER LOW WATER

ADJACENT PROPERTY OWNERS:
 WEST ABUTTER: DEPT. OF PARKS AND RECREATION
 EAST ABUTTER: DEPARTMENT OF TRANSPORTATION

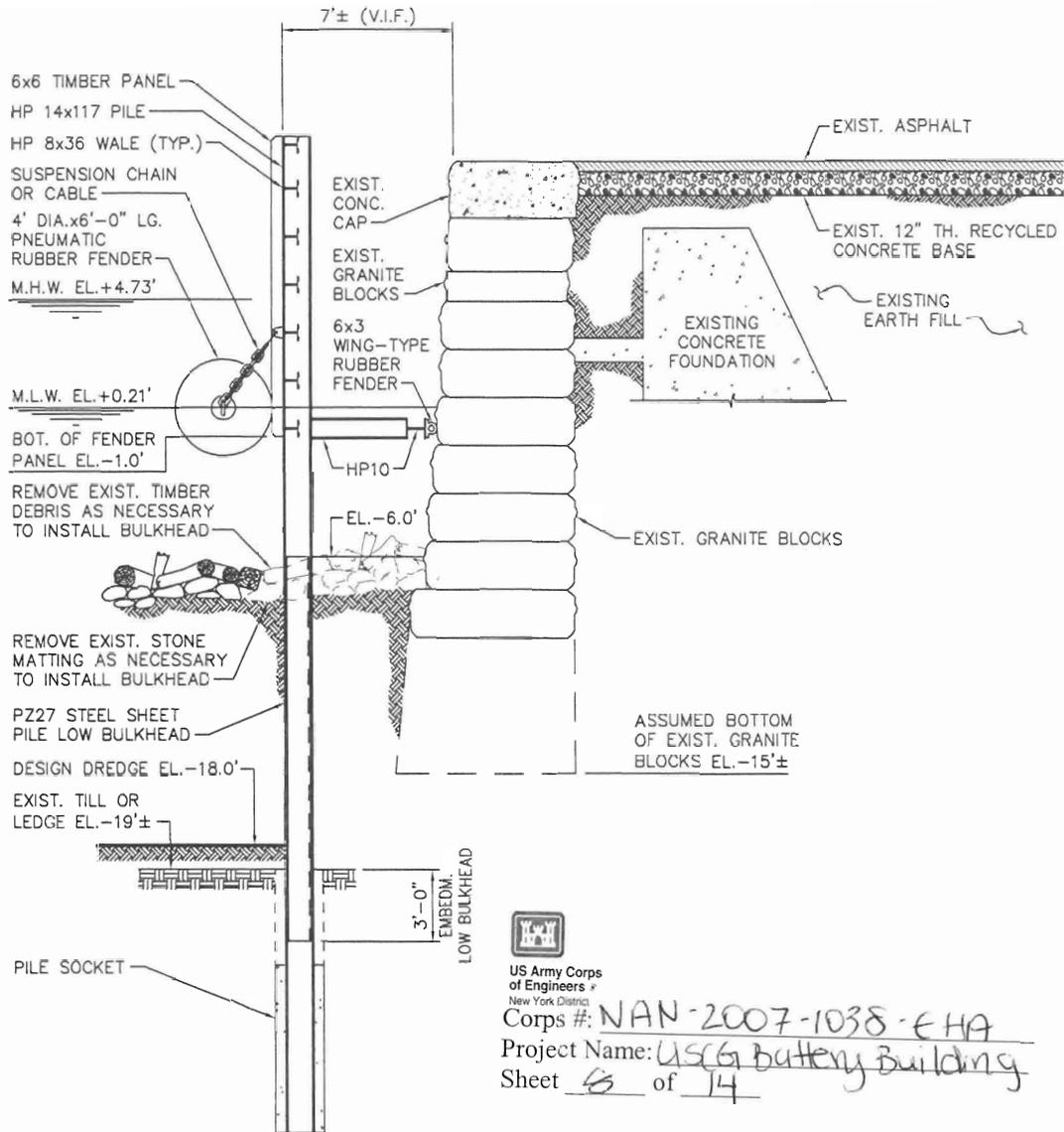
AGENT: OCEAN AND COASTAL CONSULTANTS ENGINEERING, P.C.

PROPOSED STRUCTURES, REHABILITATION AND DREDGING ACTIVITIES
 UPPER NEW YORK BAY
 BOROUGH OF MANHATTAN
 COUNTY OF NEW YORK
 STATE OF NEW YORK

APPLICATION BY: USCG CEU PROVIDENCE

DATE: 6/13/07

SHEET 7 OF 14



PROPOSED SECTION B-B



SCALE 1/8" = 1'-0"

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REV. 1 10/17/07

PURPOSE: TO REHABILITATE AND ENHANCE EXISTING
 U.S.C.G. VESSEL BERTHING OPERATIONS

DATUM: MEAN LOWER LOW WATER

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WEST ABUTTER: DEPT. OF PARKS AND RECREATION

EAST ABUTTER: DEPARTMENT OF TRANSPORTATION

AGENT: OCEAN AND COASTAL CONSULTANTS ENGINEERING, P.C.

PROPOSED STRUCTURES, REHABILITATION AND
 DREDGING ACTIVITIES

UPPER NEW YORK BAY

BOROUGH OF MANHATTAN

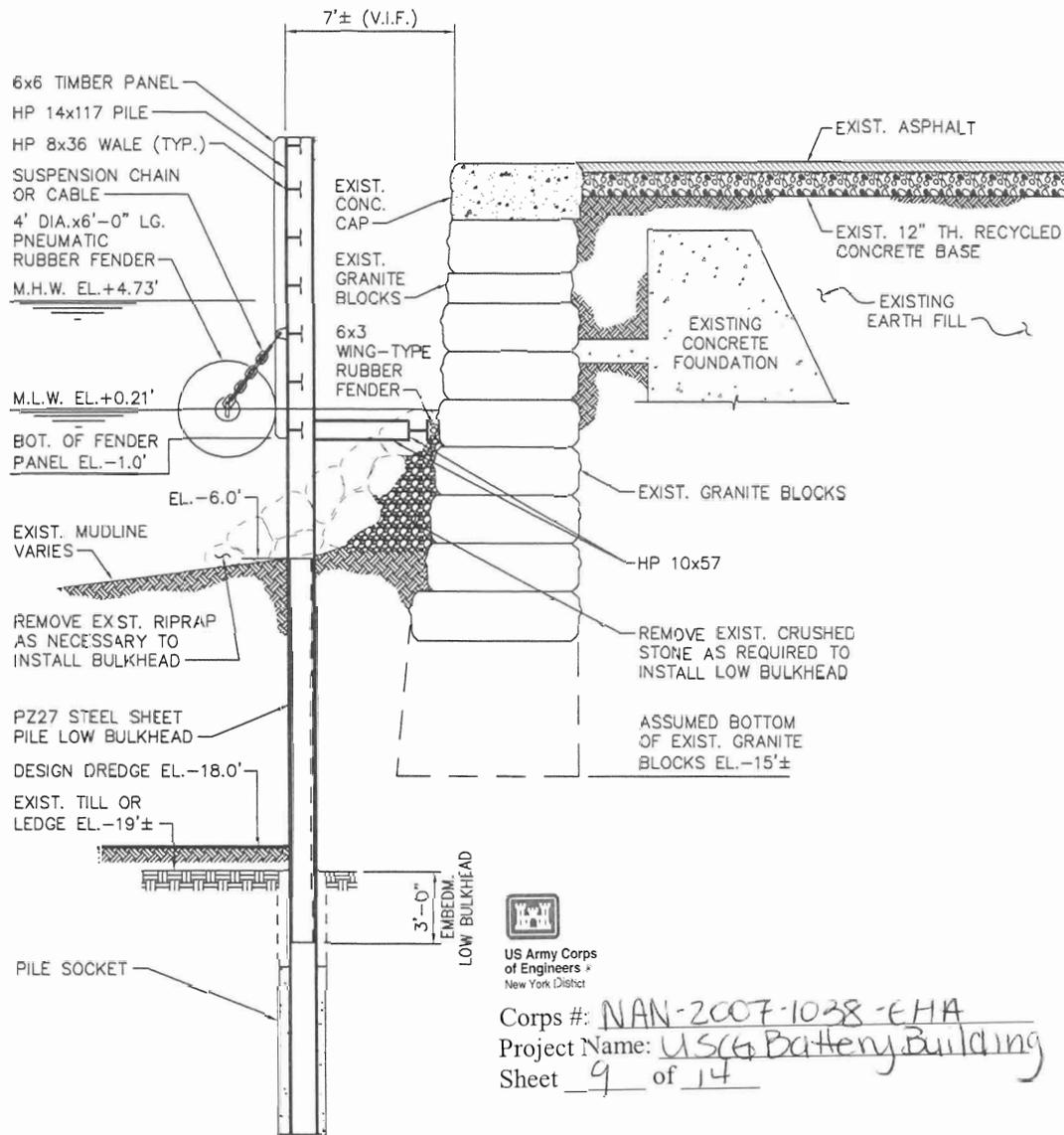
COUNTY OF NEW YORK

STATE OF NEW YORK

APPLICATION BY: USCG CEU PROVIDENCE

DATE: 6/13/07

SHEET 8 OF 14



PROPOSED SECTION C-C

0 5 10 15 FT.



SCALE 1/8" = 1'-0"

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REV. 1 10/17/07

PURPOSE: TO REHABILITATE AND ENHANCE EXISTING
 U.S.C.G. VESSEL BERTHING OPERATIONS

DIATJM: MEAN LOWER LOW WATER

ADJACENT PROPERTY OWNERS:

WEST ABUTTER: DEPT. OF PARKS AND RECREATION

EAST ABUTTER: DEPARTMENT OF TRANSPORTATION

AGENT: OCEAN AND COASTAL CONSULTANTS ENGINEERING, P.C.

PROPOSED STRUCTURES, REHABILITATION AND
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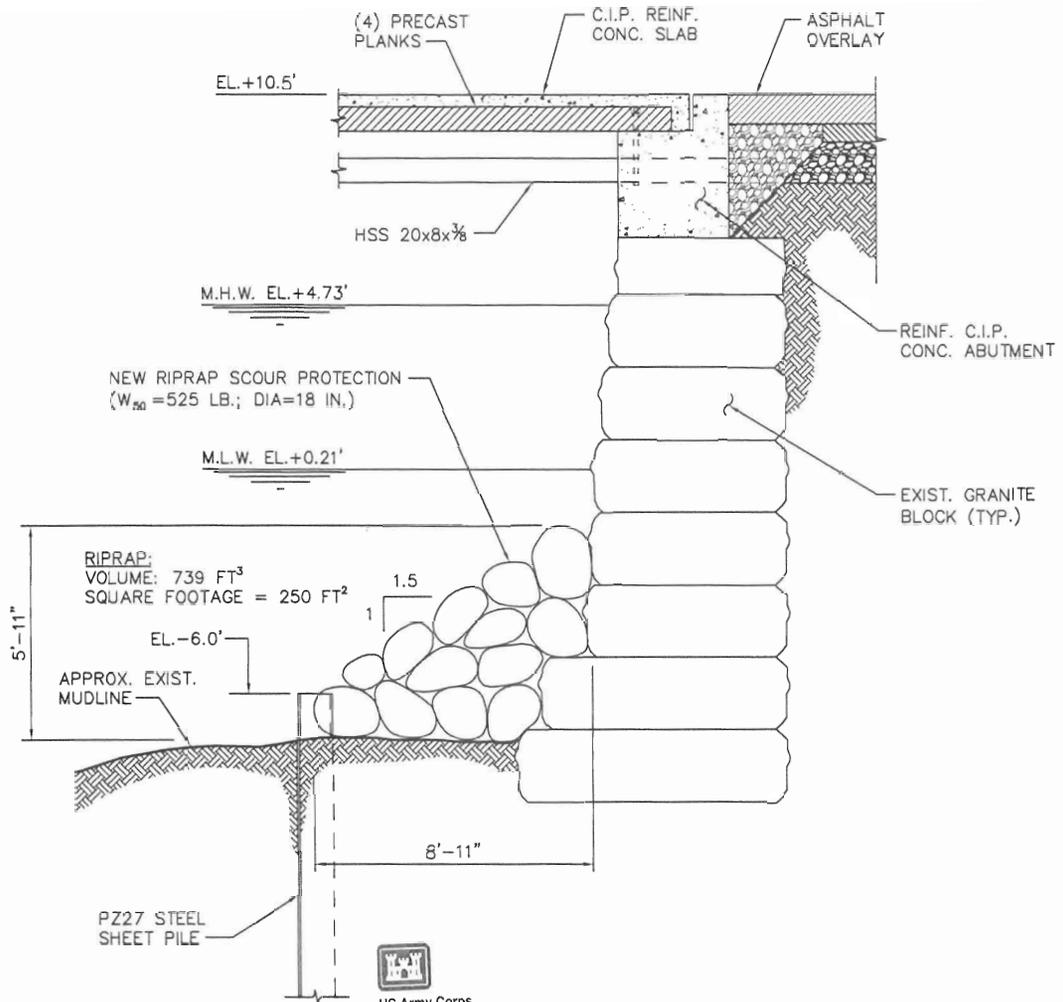
UPPER NEW YORK BAY
 BOROUGH OF MANHATTAN

COUNTY OF NEW YORK
 STATE OF NEW YORK

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US Army Corps
of Engineers
New York District

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 Project Name: USCG Battery Building
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PROPOSED SECTION D-D

0 5 10 FT.



SCALE $\frac{3}{16}'' = 1'-0''$

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REV. 1 10/17/07

PURPOSE: TO REHABILITATE AND ENHANCE EXISTING
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PROPOSED STRUCTURES, REHABILITATION AND
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UPPER NEW YORK BAY
BOROUGH OF MANHATTAN
COUNTY OF NEW YORK
STATE OF NEW YORK

APPLICATION BY: USCG CEU PROVIDENCE

DATE: 6/13/07

SHEET 10 OF 14

BERTH DREDGING

DESIGN DEPTH EL. -18' MLLW
 ALLOWABLE OVERDEPTH 1 FT.
 TOTAL ESTIMATED DREDGING

VOL. = 4,600 C.Y.
 VOL. = 900 C.Y.
 VOL. = 5,500 C.Y.

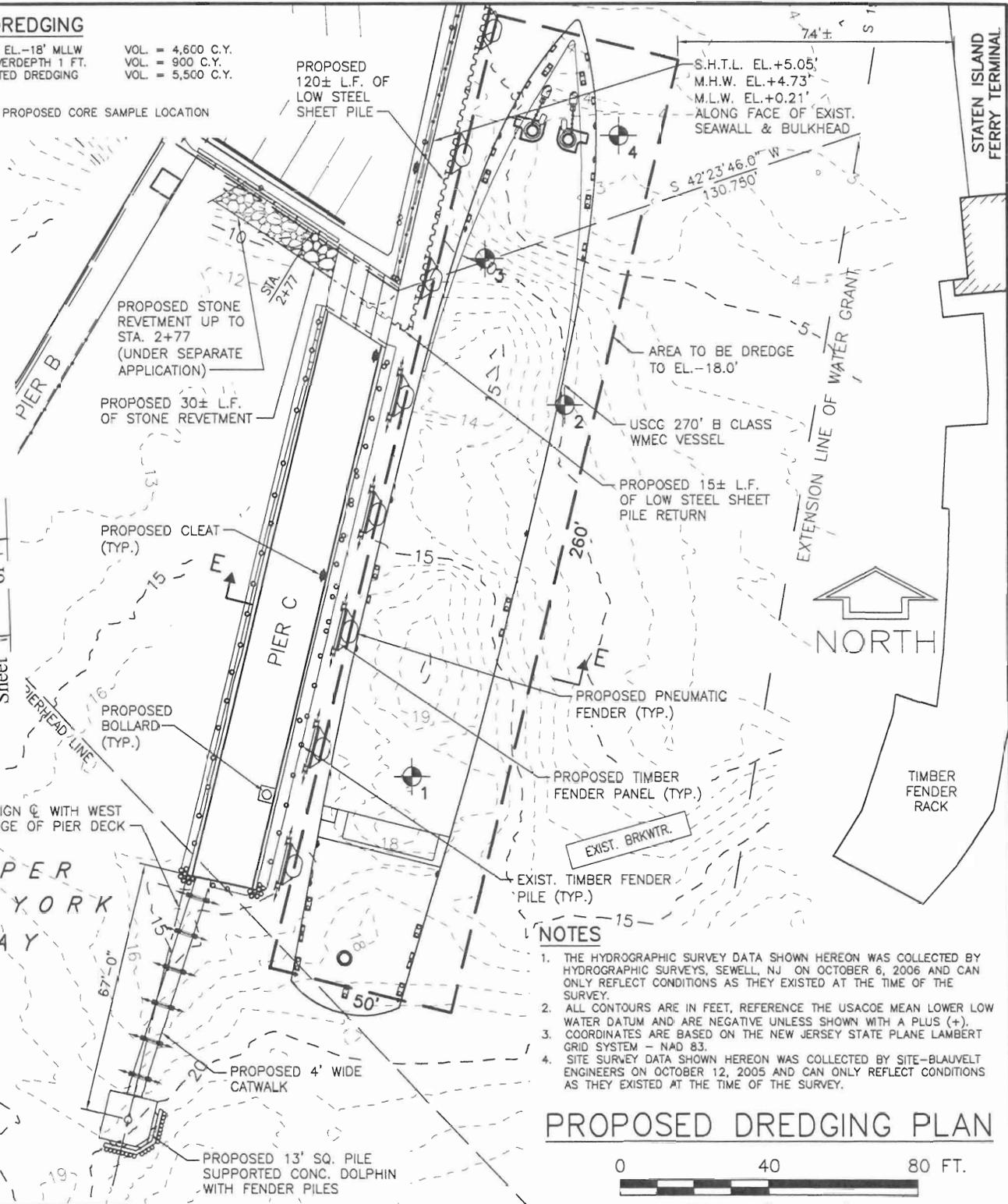
⊙ DENOTES PROPOSED CORE SAMPLE LOCATION

PROPOSED
 120± L.F. OF
 LOW STEEL
 SHEET PILE

S.H.T.L. EL. +5.05'
 M.H.W. EL. +4.73'
 M.L.W. EL. +0.21'
 ALONG FACE OF EXIST.
 SEAWALL & BULKHEAD

STATEN ISLAND
 FERRY TERMINAL

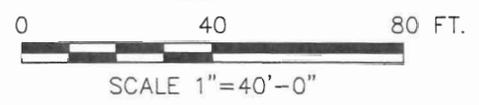
US Army Corps of Engineers
 New York District
 Corps #: NAN-2007-1036-EHA
 Project Name: USCG Battery Building
 Sheet 11 of 14



NOTES

1. THE HYDROGRAPHIC SURVEY DATA SHOWN HEREON WAS COLLECTED BY HYDROGRAPHIC SURVEYS, SEWELL, NJ ON OCTOBER 6, 2006 AND CAN ONLY REFLECT CONDITIONS AS THEY EXISTED AT THE TIME OF THE SURVEY.
2. ALL CONTOURS ARE IN FEET, REFERENCE THE USACOE MEAN LOWER LOW WATER DATUM AND ARE NEGATIVE UNLESS SHOWN WITH A PLUS (+).
3. COORDINATES ARE BASED ON THE NEW JERSEY STATE PLANE LAMBERT GRID SYSTEM - NAD 83.
4. SITE SURVEY DATA SHOWN HEREON WAS COLLECTED BY SITE-BLAUVELT ENGINEERS ON OCTOBER 12, 2005 AND CAN ONLY REFLECT CONDITIONS AS THEY EXISTED AT THE TIME OF THE SURVEY.

PROPOSED DREDGING PLAN



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REV. 2 10/17/07

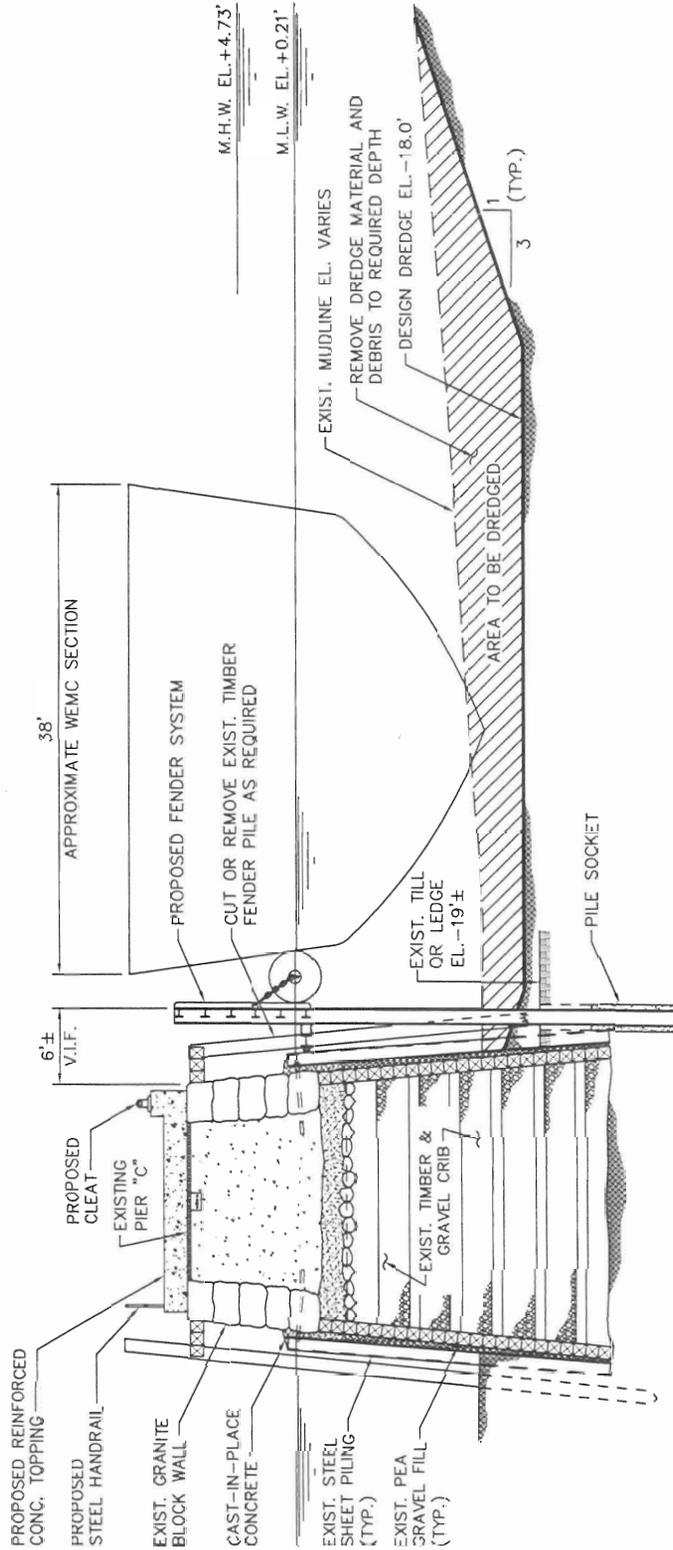
PURPOSE: TO REHABILITATE AND ENHANCE EXISTING U.S.C.G. VESSEL BERTHING OPERATIONS
 DATUM: MEAN LOWER LOW WATER
 ADJACENT PROPERTY OWNERS:
 WEST ABUTTER: DEPT. OF PARKS AND RECREATION
 EAST ABUTTER: DEPARTMENT OF TRANSPORTATION
 AGENT: OCEAN AND COASTAL CONSULTANTS ENGINEERING, P.C.

PROPOSED STRUCTURES, REHABILITATION AND DREDGING ACTIVITIES
 UPPER NEW YORK BAY
 BOROUGH OF MANHATTAN
 COUNTY OF NEW YORK
 STATE OF NEW YORK
 APPLICATION BY: USCG CEU PROVIDENCE
 DATE: 6/13/07
 SHEET 11 OF 14



US Army Corps
of Engineers
New York District

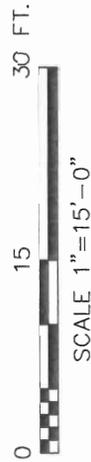
Project Name: NAN-2007-1038-EHA
USCG Battery Building
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NOTES

1. TOE OF DREDGE AREA DIMENSIONS = 260'x50' ANTICIPATED.
2. DREDGE VOLUME APPROX. 5,500 CUBIC YARDS.
3. NEW DREDGING SHALL BE PERFORMED WITH A MECHANICAL DREDGE UTILIZING AN ENVIRONMENTAL BUCKET. IT IS ANTICIPATED THAT THE MATERIAL DREDGED FROM THE BERTH WILL CONSIST OF A VARIETY OF MATERIAL INCLUDING BUT NOT LIMITED TO SHOALS, NATIVE MATERIAL, HARD MATERIAL, DEBRIS (ROCK, TIMBER, MISCELLANEOUS STEEL, WIRE ROPE, ETC.) WHICH IS COMMONLY FOUND IN URBAN WATERWAYS. DREDGE MATERIAL WILL BE PLACED INTO SCOWS FOR DEWATER AND TRANSPORT. DREDGE MATERIAL WILL BE DISPOSED OF IN AN UPLAND FACILITY TO BE DETERMINED.

PROPOSED SECTION E-E



REV. 1 10/17/07

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PURPOSE: TO REHABILITATE AND ENHANCE EXISTING
U.S.C.G. VESSEL BERTHING OPERATIONS

DATUM: MEAN LOWER LOW WATER

ADJACENT PROPERTY OWNERS:

WEST ABUTTER: DEPT. OF PARKS AND RECREATION

EAST ABUTTER: DEPARTMENT OF TRANSPORTATION

AGENT: OCEAN AND COASTAL CONSULTANTS ENGINEERING, P.C.

PROPOSED STRUCTURES, REHABILITATION AND
DREDGING ACTIVITIES

UPPER NEW YORK BAY

BOROUGH OF MANHATTAN

COUNTY OF NEW YORK

STATE OF NEW YORK

APPLICATION BY: USCG CEU PROVIDENCE

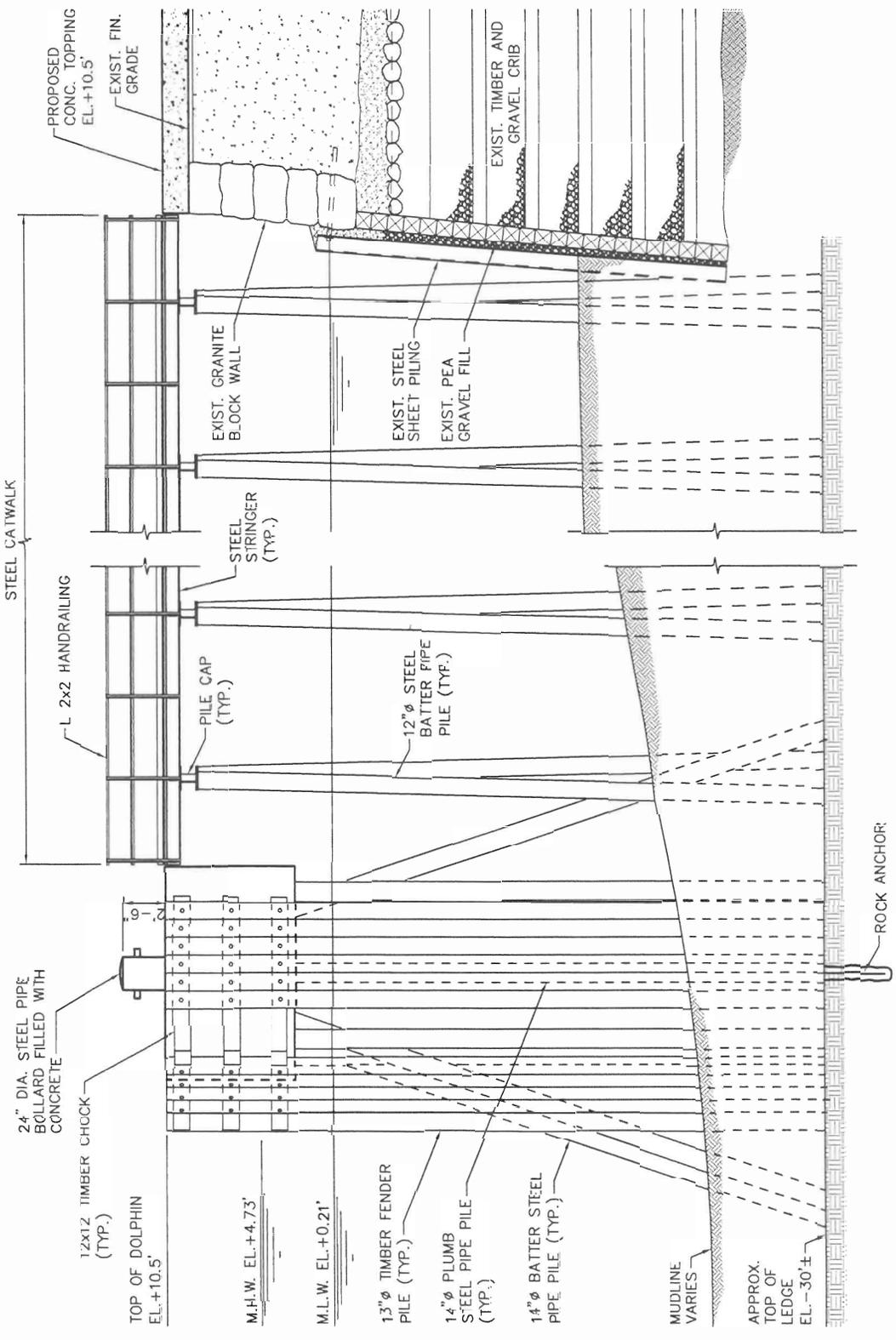
DATE: 6/13/07

SHEET 12 OF 14

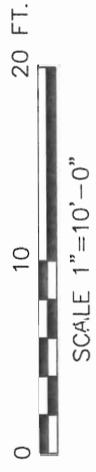


US Army Corps
of Engineers
New York District

Corps #: *NAN-2007-1038-ETA*
Project Name: *USCG Battery Building*
Sheet *14* of *14*



PROPOSED DOLPHIN STRUCTURE ELEVATION



REV. 1 10/17/07

FOR PERMIT USE ONLY
NOT FOR CONSTRUCTION

PURPOSE: TO REHABILITATE AND ENHANCE EXISTING U.S.C.G. VESSEL BERTHING OPERATIONS

DATUM: MEAN LOWER LOW WATER

ADJACENT PROPERTY OWNERS:

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SHEET 14 OF 14