

U.S. Army Corps
Of Engineers
Baltimore District

Public Notice

In Reply to Application Number
CENAB-OP-RMN (MPA/Masonville/Fairfield Marine Terminals)
2014-61518-M02

PN 14-64

Comment Period: December 1, 2014 – December 31, 2014

THE PURPOSE OF THIS PUBLIC NOTICE IS TO SOLICIT COMMENTS FROM THE PUBLIC ABOUT THE WORK DESCRIBED BELOW. AT THIS TIME, NO DECISION HAS BEEN MADE AS TO WHETHER OR NOT A PERMIT WILL BE ISSUED.

The Baltimore District has received an application for a Department of the Army Permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act (33 U.S.C. 1344), as described below.

APPLICANT: Maryland Port Administration
Attn: Ms. Holly Miller
401 East Pratt Street, Suite 1900
Baltimore, Maryland 21202

LOCATION AND WATERWAY: Patapsco River, at the Fairfield Marine Terminal, 2900 Childs Street, Baltimore City, Maryland

WORK: To construct a confined aquatic disposal (CAD) cell for dredged material disposal, by mechanically dredging a 5.5-acre area to 80 feet below mean low water. The approximately 240,000 cubic yards of predominantly granular material dredged from this area is to be used to fill the adjoining Masonville “wet basin”, the filling of which was previously authorized by Department of the Army permit CENAB-OP-RMN (Masonville DMCF) 2006-63743. Any unsuitable or excess material dredged from this project is to be deposited at the Masonville DMCF. The CAD cell constructed by dredging is to be used for the containment of material dredged from the U.S. Army Corps of Engineers’ Fort McHenry, Brewton Angle, and/or Brewerton Channel Maintenance dredging projects. The applicant also proposes to perform up to 20 subsurface soil borings in the proposed CAD cell area for testing purposes.

This is a pilot project for an alternative method of dredged material disposal. All work is to be completed in accordance with the enclosed plans. If you have any questions concerning this matter, please contact Mr. Jon Romeo at (410) 962-6079 or at jon.romeo@usace.army.mil.

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, cultural values, fish and wildlife values, flood hazards, flood plain values, land use,

navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, and, in general, the needs and welfare of the people.

An evaluation of the work described above on the public interest will include application of the Clean Water Act Section 404 (b)(1) Guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 of the Clean Water Act.

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 the 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.

Written comments concerning the work described above related to the factors listed above or other pertinent factors must be received by the District Engineer, U.S. Army Corps of Engineers, Baltimore District, [ATTN: Mr. Jon Romeo, CENAB-OP-RMN] P.O. Box 1715, Baltimore, Maryland 21203-1715, within the comment period specified above.

ESSENTIAL FISH HABITAT (EFH) ASSESSMENT: The Magnuson-Steven Fishery Conservation Act (MSFCA), as amended by the Sustainable Fisheries Act of 1996 (Public Law 104-267), requires all Federal agencies to consult with the National Marine Fisheries Service on all actions, or proposed actions, permitted, funded, or undertaken by the agency that may adversely affect EFH. The EFH designations within the Northeast Region (Maine to Virginia), dated March 1, 1999 include EFH for a number of species in various life stages. This waterway has EFH listed for juvenile and adult windowpane flounder (*Scopthalmus aquosus*), summer flounder (*Paralichthys dentatus*), and bluefish (*Pomatomus saltatrix*); egg, larva, juvenile and adult life stages of king mackerel (*Scomberomorus cavalla*), Spanish mackerel (*Scomberomorus maculatus*), cobia (*Rachycentron canadum*), and red drum (*Scianeops ocellatus*). These are managed species under the MSFCA. A preliminary assessment indicates that the proposed work would not have a substantial adverse effect on either managed species or prey species. Therefore, no EFH conservation measures have been developed. As the evaluation of this application continues, additional information may become available which could modify this preliminary determination.

SECTION 401 WATER QUALITY CERTIFICATION: The applicant is required to obtain a water quality certification from the Maryland Department of the Environment in accordance with Section 401 of the Clean Water Act. Any written comments concerning the work described above which relate to water quality certification must be received by the Wetlands and Waterways Program, Maryland Department of the Environment, Montgomery Park Business Center, 1800 Washington Boulevard, Suite 430, Baltimore, Maryland 21230-1708 within the comment period as specified above to receive consideration. The Section

401 certifying agency has a statutory limit of one year from the date of this public notice to make its decision.

COASTAL ZONE MANAGEMENT PROGRAMS: The applicant has certified in this application that the proposed activity complies with and will be conducted in a manner consistent with the Maryland Coastal Zone Management (CZM) Program. By this public notice, we are requesting the State concurrence or objection to the applicant's consistency statement. Public comments relating to consistency must be received by the Wetlands and Waterways Program, Maryland Department of the Environment, Montgomery Park Business Center, 1800 Washington Boulevard, Suite 430, Baltimore, Maryland 21230-1708 within the comment period specified above to receive consideration. MDE has a statutory limit of 6 months to concur or object to the applicant's consistency determination.

The applicant must obtain any State or local government permits which may be required.

A preliminary review of this application indicates that the proposed work will not affect listed species or their critical habitat pursuant to Section 7 of the Endangered Species Act as amended. As the evaluation of this application continues, additional information may become available which could modify this preliminary determination.

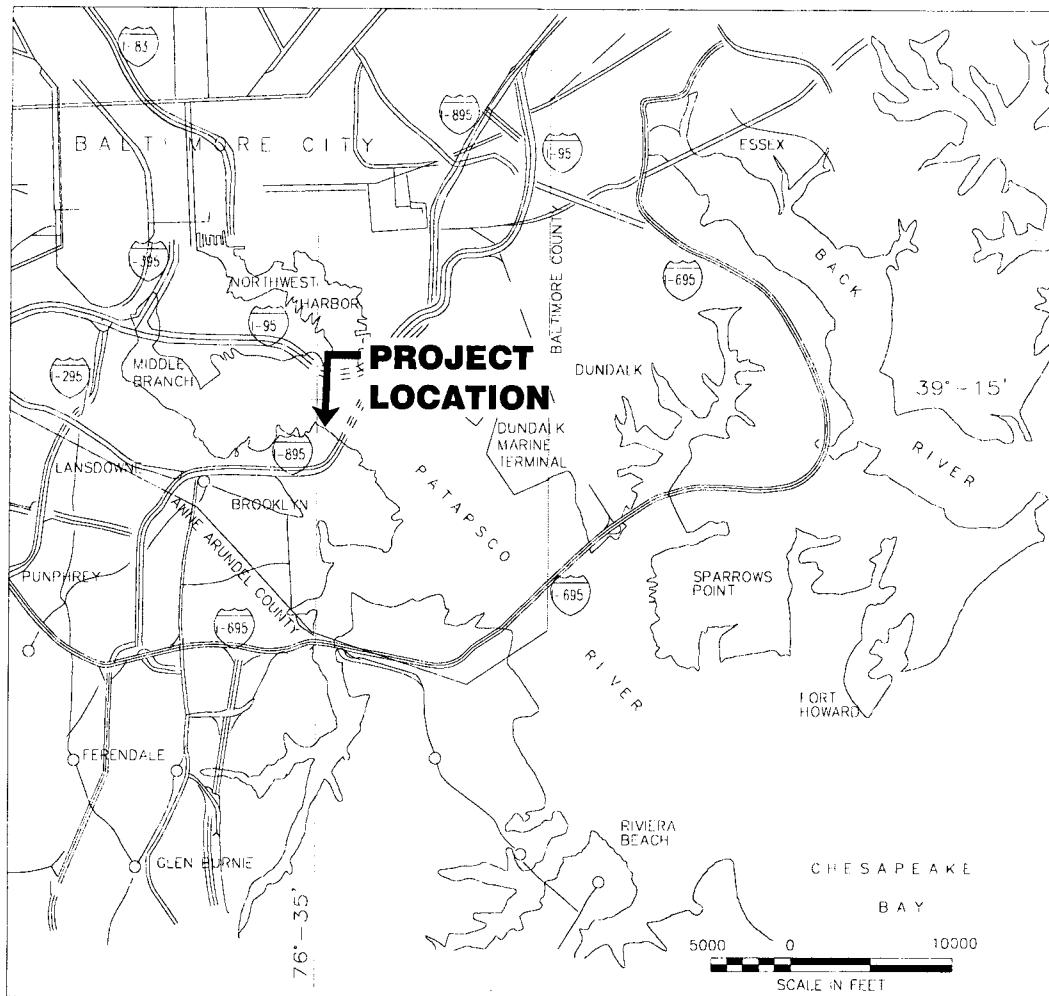
Review of the latest published version of the National Register of Historic Places indicates that no registered properties listed as eligible for inclusion therein are located at the site of the proposed work. Currently unknown archeological, scientific, prehistoric, or historical data may be lost or destroyed by the work to be accomplished under the requested permit.

Any person who has an interest which may be adversely affected by the issuance of this permit may request a public hearing. The request, which must be in writing, must be received by the District Engineer, US Army Corps of Engineers, Baltimore District, [ATTN : Mr. Jon Romeo CENAB-OP-RMN], P.O. Box 1715, Baltimore, Maryland 21203-1715, within the comment period specified above to receive consideration. Also, the request must clearly state forth the interest which may be adversely affected by this activity and the manner in which the interest may be adversely affected.

It is requested that you communicate the foregoing information concerning the proposed work to any persons known by you to be interested and not being known to this office, who did not receive a copy of this notice.

FOR THE DISTRICT ENGINEER:

Joseph P. DaVia
Chief, Maryland Section Northern



VICINITY MAP

SUMMARY

MARYLAND PORT ADMINISTRATION CONFINED AQUATIC DISPOSAL (CAD) PILOT PROJECT – DREDGING OF EXISTING GRANULAR MATERIAL ADJACENT TO THE MASONVILLE/FAIRFIELD MARINE TERMINAL VESSEL BERTH TO CREATE A CAD CELL FOR THE PLACEMENT OF MAINTENANCE DREDGED MATERIAL FROM THE BALTIMORE HARBOR, AND BENEFICIAL USE OF THE GRANULAR MATERIAL FOR PLACEMENT IN THE MASONVILLE WET BASIN.

APPLICATION BY:
MARYLAND PORT ADMINISTRATION
WORLD TRADE CENTER
401 EAST PRATT STREET
BALTIMORE, MD 21222

MARYLAND PORT ADMINISTRATION
BALTIMORE HARBOR
CAD PILOT PROJECT

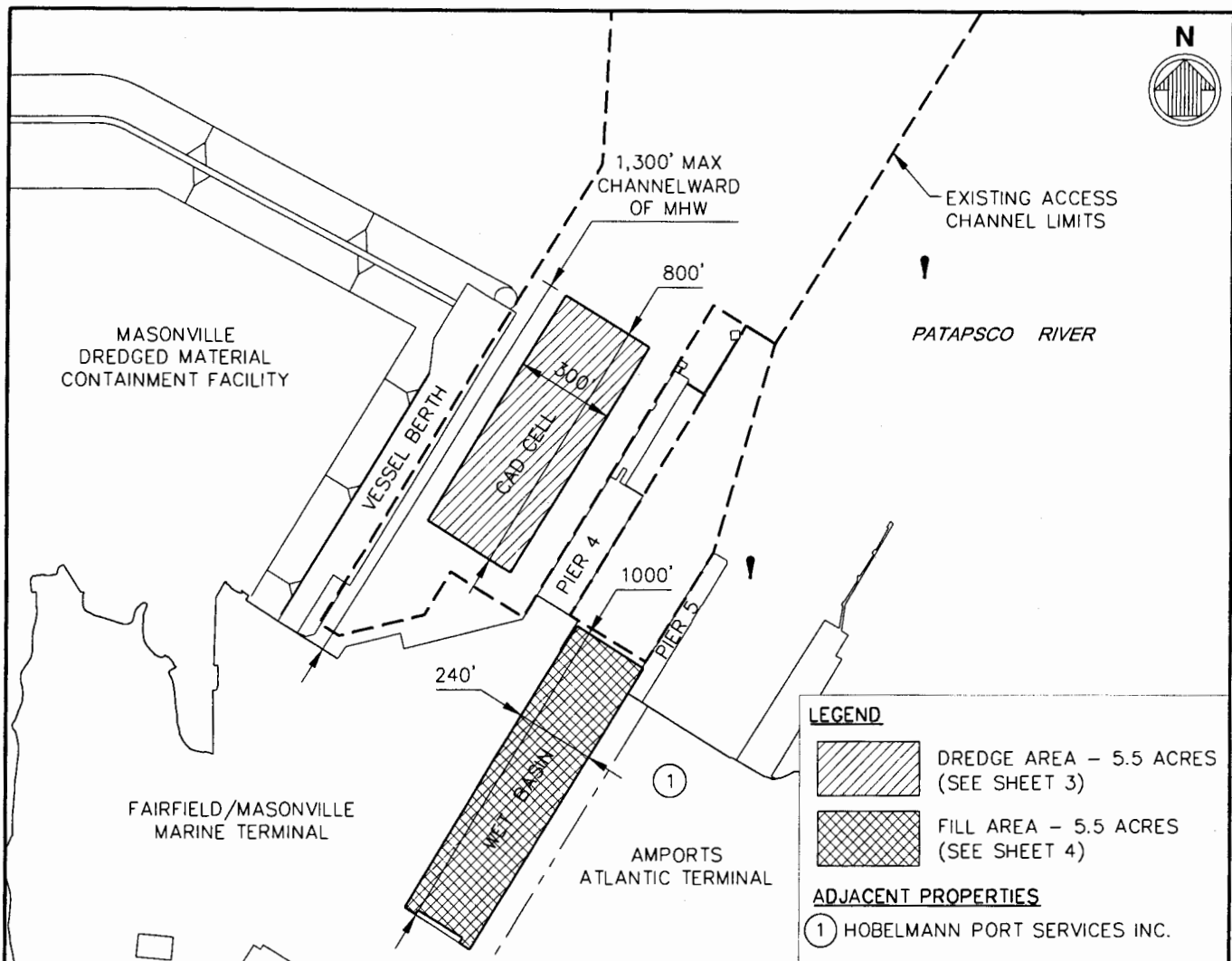
AGENT/ENGINEER:



PROJECT LOCATION:
PATAPSCO RIVER
BALTIMORE HARBOR, MARYLAND

DATE: JUNE 25, 2014

SHEET 1 OF 8



PLAN – CAD PILOT PROJECT

NOTES

- 1. CREATE CONFINED AQUATIC DISPOSAL (CAD) CELL:**
 MECHANICALLY DREDGE A 5.5 ACRE AREA ADJACENT TO THE MASONVILLE VESSEL BERTH, AS SHOWN, TO A MAXIMUM DEPTH OF -80 FEET AT MEAN LOW WATER, TOTALING APPROXIMATELY 240,000 CY OF PREDOMINANTLY GRANULAR MATERIAL (SAND AND GRAVEL) FROM THE PATAPSCO FORMATION LAYER. SEE SHEETS 3 AND 6. PERFORM UP TO 20 OFFSHORE SUBSURFACE SOIL BORINGS WITHIN THE CAD CELL AREA TO REFINE LIMITS OF THE EXISTING GRANULAR MATERIAL. SEE SHEET 8.
- 2. BENEFICIAL USE OF GRANULAR DREDGED MATERIAL FROM CAD CELL:**
 USE THE GRANULAR DREDGED MATERIAL FROM THE CAD CELL TO FILL THE MASONVILLE WET BASIN AREA. SEE SHEETS 4 AND 7. (FILLING OF THE WET BASIN HAS BEEN PREVIOUSLY APPROVED UNDER STATE WETLANDS LICENSE NO. 06-1653 AND DEPARTMENT OF THE ARMY PERMIT CENAB-OP-RMN 2006-63743.) DISPOSE OF ANY UNSUITABLE SILTY OR CLAY MATERIAL OR EXCESS DREDGED MATERIAL AT THE MASONVILLE DMCF.
- 3. BENEFICIAL USE OF CAD CELL FOR PLACEMENT OF BALTIMORE HARBOR MAINTENANCE DREDGED MATERIAL:**
 UTILIZE THE CAD CELL FOR PLACEMENT AND CONTAINMENT OF DREDGED MATERIAL FROM THE U.S. ARMY CORPS OF ENGINEERS' FORT MCHENRY, BREWERTON ANGLE, AND/OR BREWERTON CHANNEL MAINTENANCE DREDGING PROJECTS. SEE SHEET 5.

APPLICATION BY:
 MARYLAND PORT ADMINISTRATION
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 401 EAST PRATT STREET
 BALTIMORE, MD 21222

AGENT/ENGINEER:
 **moffatt & nichol**

MARYLAND PORT ADMINISTRATION
 BALTIMORE HARBOR
 CAD PILOT PROJECT

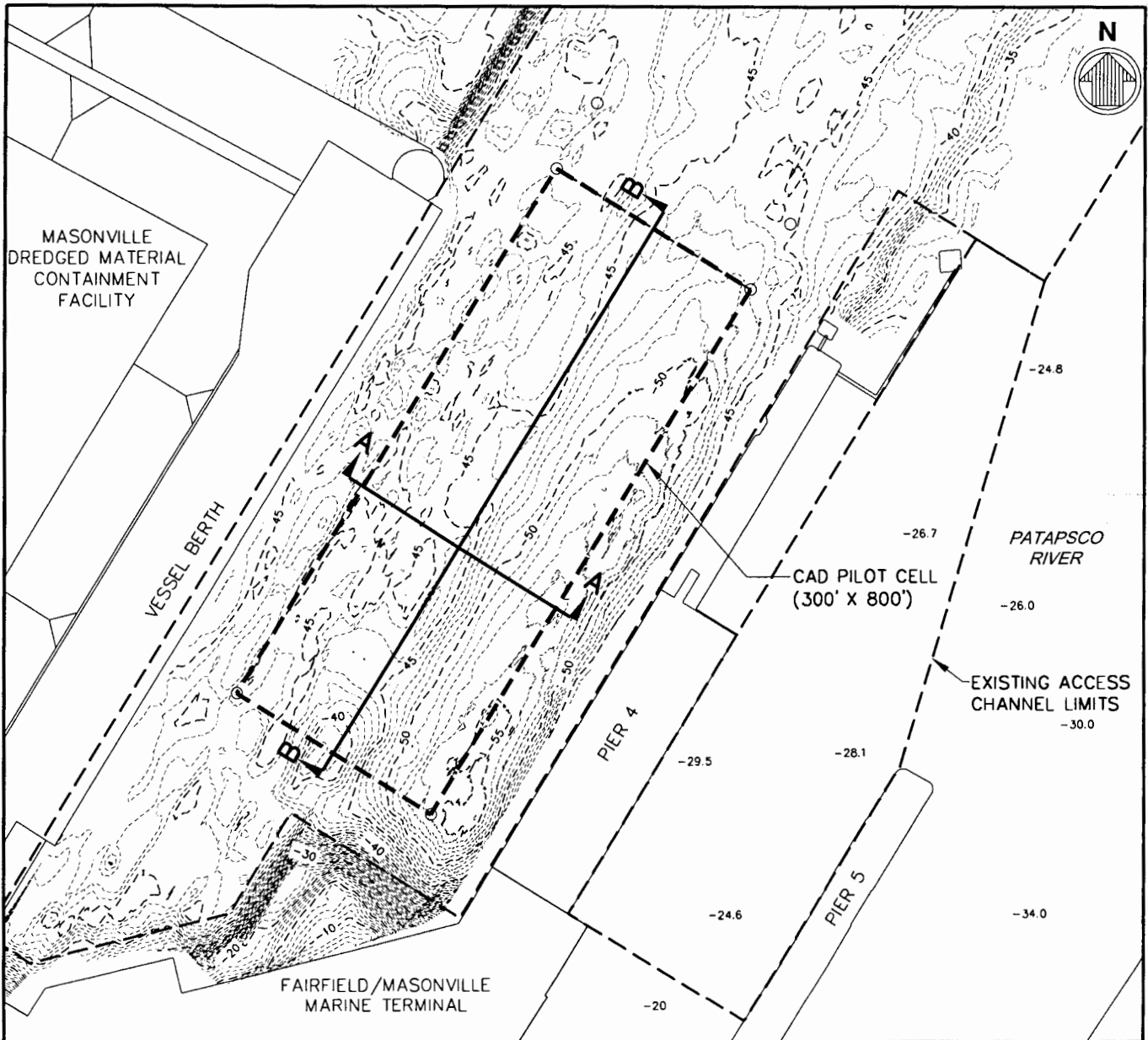
PROJECT LOCATION:
 PATAPSCO RIVER
 BALTIMORE HARBOR, MARYLAND

0 500' 1000'
 1"=500'

DATE: JUNE 25, 2014

SHEET 2 OF 8

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PLAN - CAD CELL DREDGING

NOTES

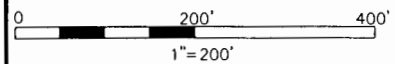
MECHANICALLY DREDGE 5.5 ACRES OF GRANULAR MATERIAL TO A MAXIMUM DEPTH OF -80 FEET MLW (UP TO 240,000 CY) AND TRANSPORT APPROXIMATELY 185,000 CY BY SPLIT HULL BARGE TO THE MASONVILLE WET BASIN AREA. DISPOSE OF ANY UNSUITABLE SILTY OR CLAY MATERIAL OR EXCESS DREDGED MATERIAL IN THE MASONVILLE DMCF.

DATUM

MEAN LOW WATER (MLW) = 0.0
SOUNDINGS IN FEET

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MARYLAND PORT ADMINISTRATION
BALTIMORE HARBOR
CAD PILOT PROJECT



AGENT/ENGINEER:

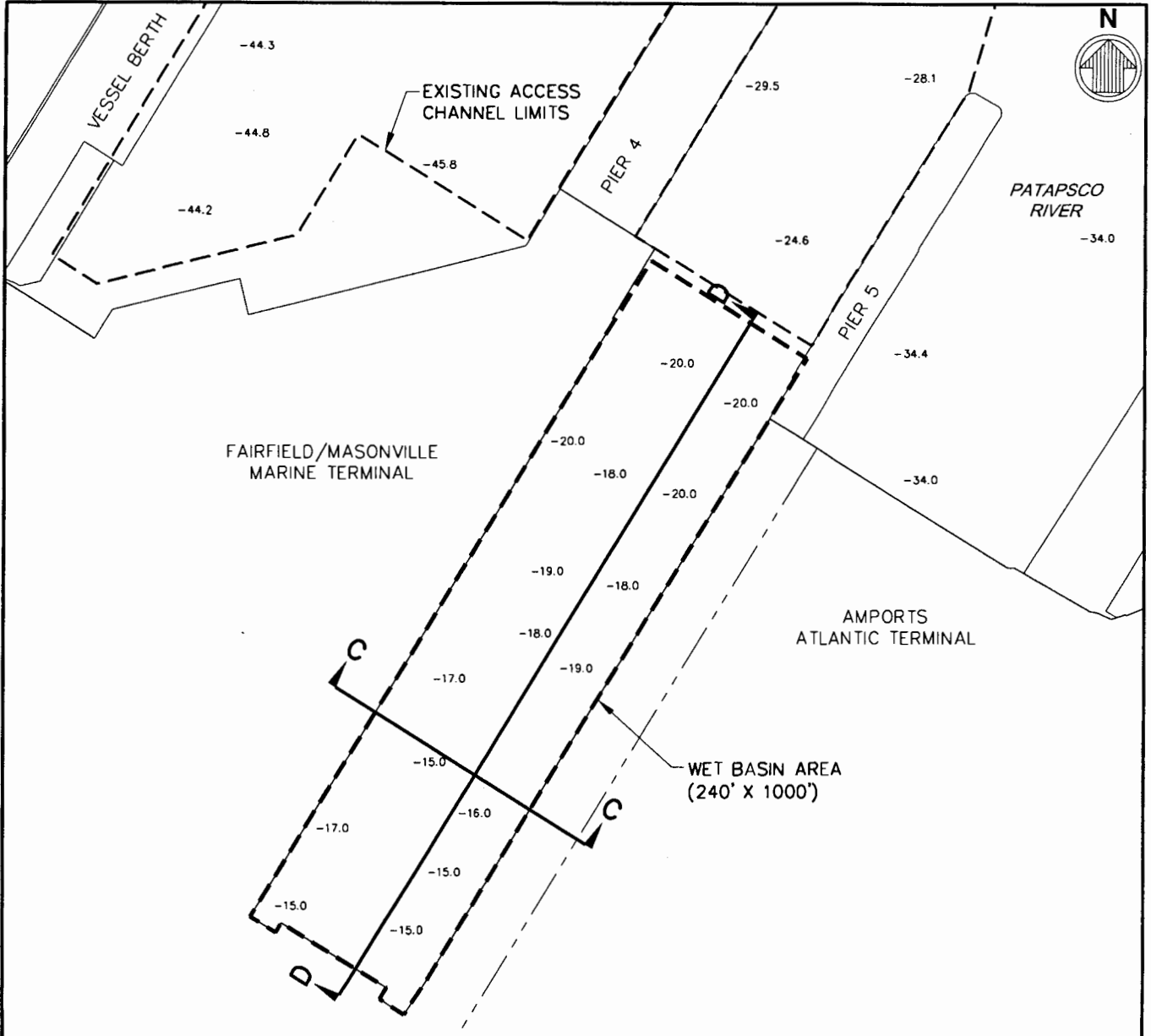


PROJECT LOCATION:
PATAPSCO RIVER
BALTIMORE HARBOR, MARYLAND

DATE: JUNE 25, 2014

SHEET 3 OF 8

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PLAN – WET BASIN PLACEMENT

NOTES

PLACE APPROXIMATELY 185,000 CY OF GRANULAR DREDGED MATERIAL FROM THE CAD CELL AREA INTO THE 5.5 ACRE MASONVILLE WET BASIN AREA TO AN ELEVATION OF +3 FEET MLW. (FILLING OF THE WET BASIN WITH GRANULAR DREDGED MATERIAL PREVIOUSLY AUTHORIZED UNDER STATE WETLANDS LICENSE NO. 06-1653 AND DA PERMIT CENAB-OP-RMN 2006-63743.)

DATUM

MEAN LOW WATER (MLW) = 0.0
SOUNDINGS IN FEET

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WORLD TRADE CENTER
401 EAST PRATT STREET
BALTIMORE, MD 21222

AGENT/ENGINEER:
 **moffatt & nichol**

**MARYLAND PORT ADMINISTRATION
BALTIMORE HARBOR
CAD PILOT PROJECT**

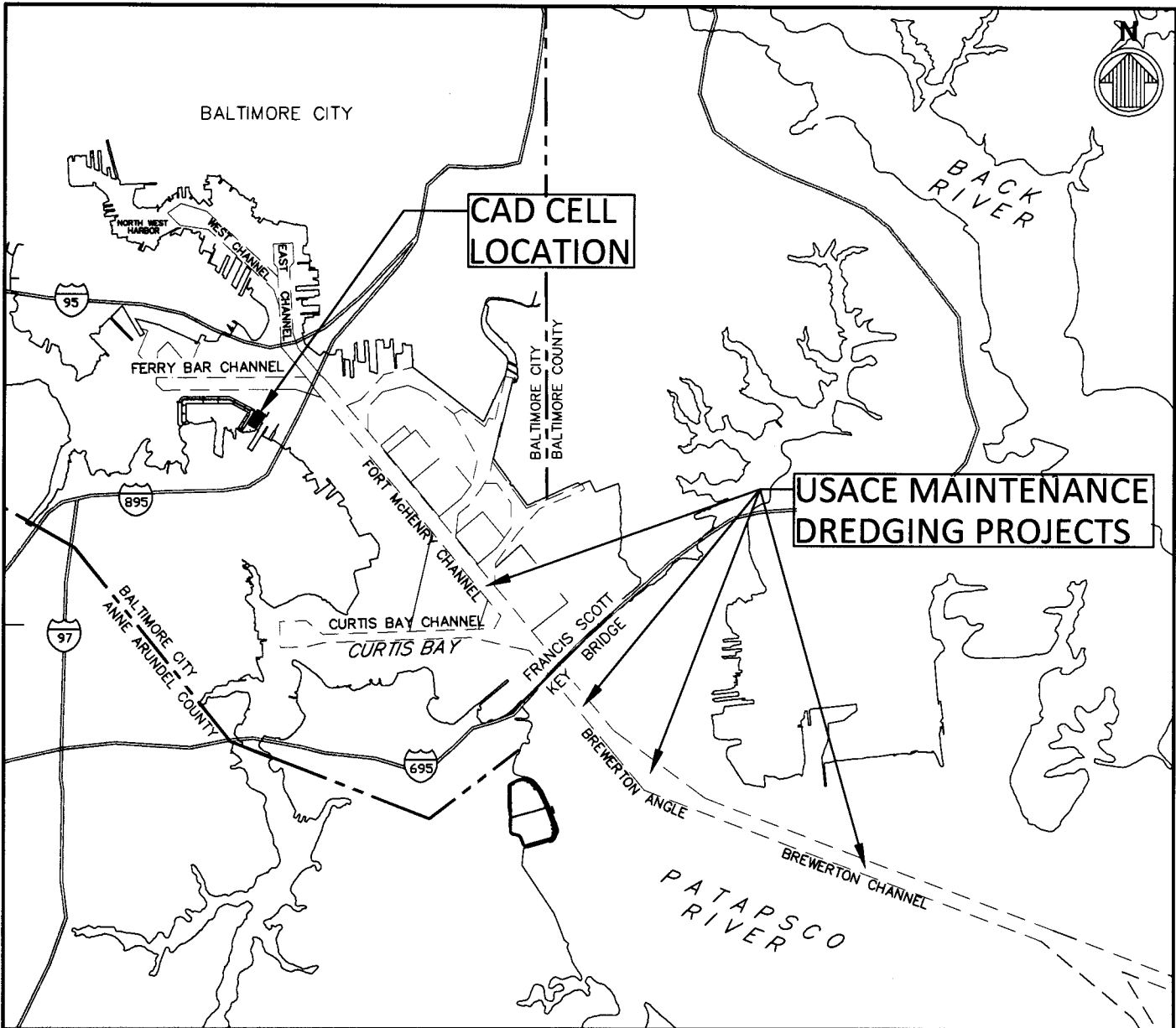
PROJECT LOCATION:
PATAPSCO RIVER
BALTIMORE HARBOR, MARYLAND

0 200' 400'
1" = 200'

DATE: JUNE 25, 2014

SHEET 4 OF 8

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PLAN – CAD CELL PLACEMENT

NOTES

TRANSPORT APPROXIMATELY 210,000 CY OF DREDGED MATERIAL FROM THE U.S. ARMY CORPS OF ENGINEERS MAINTENANCE DREDGING PROJECTS IN THE FORT MCHENRY CHANNEL, BREWERTON ANGLE, AND/OR BREWERTON CHANNEL AND PLACE INTO THE 5.5 ACRE CAD CELL AREA TO AN ELEVATION OF APPROXIMATELY -50 FEET MLW.

DATUM

MEAN LOW WATER (MLW) = 0.0
SOUNDINGS IN FEET

APPLICATION BY:
MARYLAND PORT ADMINISTRATION
WORLD TRADE CENTER
401 EAST PRATT STREET
BALTIMORE, MD 21222

AGENT/ENGINEER:
 **moffatt & nichol**

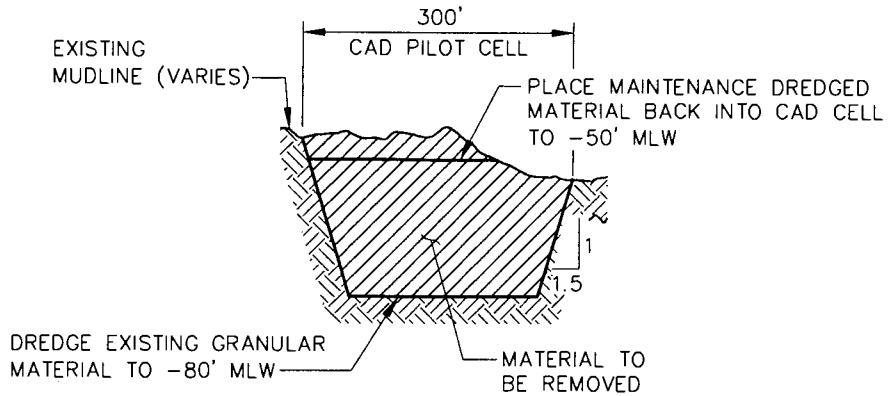
MARYLAND PORT ADMINISTRATION
BALTIMORE HARBOR
CAD PILOT PROJECT

PROJECT LOCATION:
PATAPSCO RIVER
BALTIMORE HARBOR, MARYLAND

NTS

DATE: JUNE 25, 2014

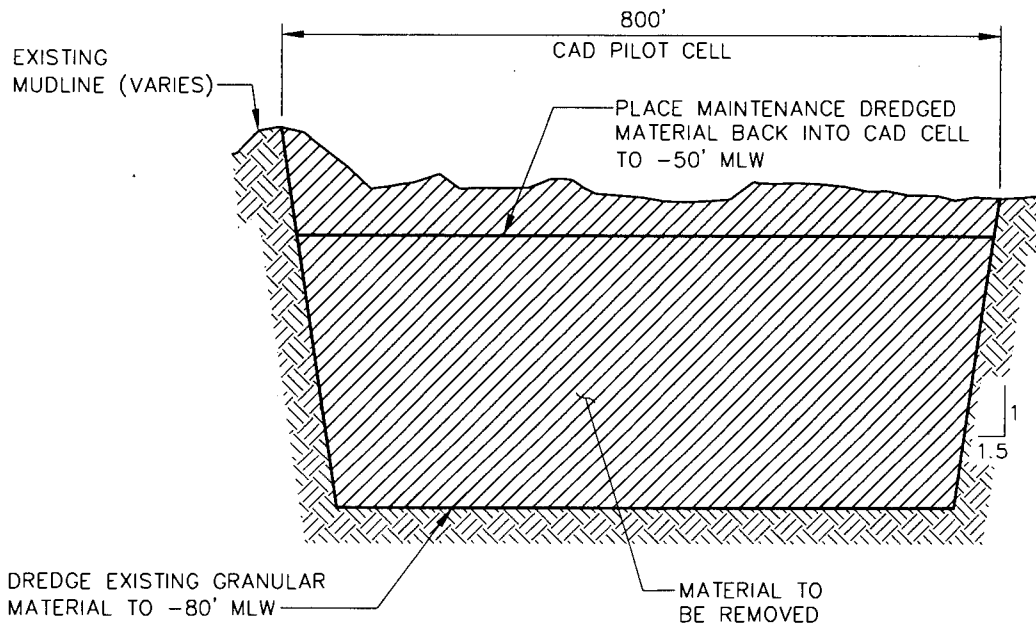
SHEET 5 OF 8



NOTE:
 MHW = 1.14'
 MLW = 0.0'

TYPICAL SECTION A-A - CAD CELL

HORIZ SCALE: 1" = 200'
 VERT SCALE: 1" = 40'



NOTE:
 MHW = 1.14'
 MLW = 0.0'

TYPICAL SECTION B-B - CAD CELL

HORIZ SCALE: 1" = 200'
 VERT SCALE: 1" = 20'

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AGENT/ENGINEER:

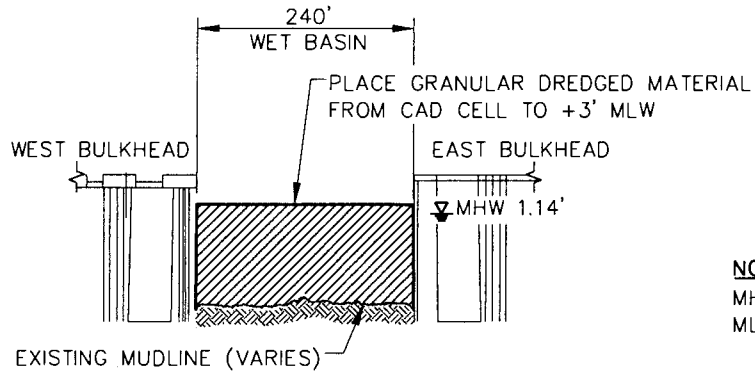


MARYLAND PORT ADMINISTRATION
 BALTIMORE HARBOR
 CAD PILOT PROJECT

PROJECT LOCATION:
 PATAPSCO RIVER
 BALTIMORE HARBOR, MARYLAND

DATE: JUNE 25, 2014

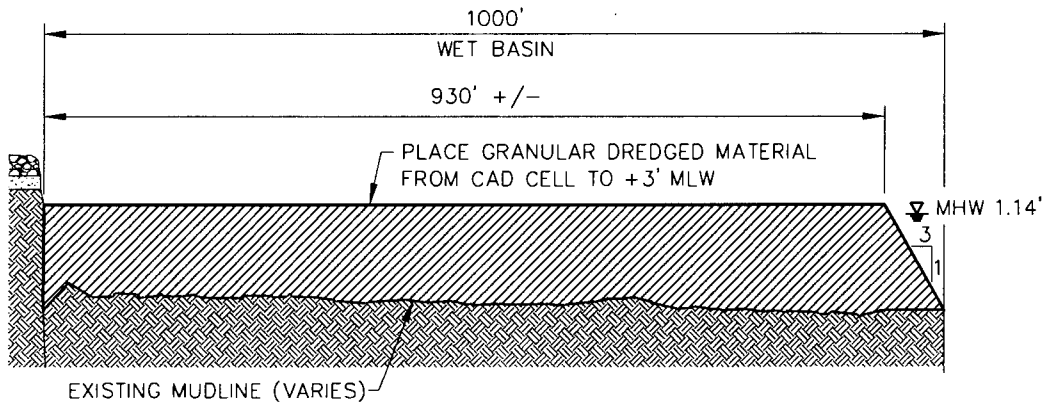
SHEET 6 OF 8



NOTE:
 MHW = 1.14'
 MLW = 0.0'

TYPICAL SECTION C-C - WET BASIN

HORIZ SCALE: 1" = 200'
 VERT SCALE: 1" = 40'



NOTE:
 MHW = 1.14'
 MLW = 0.0'

TYPICAL SECTION D-D - WET BASIN

HORIZ SCALE: 1" = 200'
 VERT SCALE: 1" = 40'

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 BALTIMORE, MD 21222

AGENT/ENGINEER:



MARYLAND PORT ADMINISTRATION
 BALTIMORE HARBOR
 CAD PILOT PROJECT

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SHEET 7 OF 8

TYPICAL BORING PROCEDURES

1. CONSTRUCTION ACCESS TO BORING SITES WILL BE BY WATER.
2. DRILLING SHALL BE ACCOMPLISHED USING HOLLOW STEM AUGERS.
3. DRILLING DEPTH SHALL BE APPROXIMATELY 80 FEET BELOW THE MUD LINE.
4. STANDARD PENETRATION TESTS SHALL BE PERFORMED AT 2.5 FOOT INTERVALS.
5. UNDISTURBED SAMPLES SHALL BE OBTAINED USING 3-INCH DIAMETER 24-INCH LONG SHELBY TUBES.
6. IN-SITU VANE SHEAR TESTS SHALL BE CONDUCTED IN OFFSET BORINGS TO EACH UNDISTURBED SAMPLE AT CORRESPONDING DEPTHS.
7. SOIL SAMPLES COLLECTED FOR LABORATORY ANALYSIS SHALL BE DISPOSED OF PROPERLY PER STANDARD LABORATORY PROCEDURES.

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SHEET 8 OF 8