



US Army Corps  
of Engineers  
Seattle District



WASHINGTON STATE  
DEPARTMENT OF  
E C O L O G Y

# Joint Public Notice

## Application for a Department of the Army Permit and a Washington Department of Ecology Water Quality Certification and/or Coastal Zone Management Consistency Concurrence

US Army Corps of Engineers  
Regulatory Branch  
Post Office Box 3755  
Seattle, WA 98124-3755  
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ATTN: Karen Urelius,  
Project Manager

WA Department of Ecology  
SEA Program  
Post Office Box 47600  
Olympia, WA 98504-7600  
Telephone: (360) 407-6068  
ATTN: SEA Program,  
Federal Permit Coordinator

Public Notice Date: May 31, 2013  
Expiration Date: June 30, 2013

Reference No.: NWS-2013-245  
Name: U.S. Navy (Bangor)  
(P-191 Breakwater)

Interested parties are hereby notified that the U.S. Army Corps of Engineers (Corps) and the Washington Department of Ecology (Ecology) have received an application to perform work in waters of the United States as described below and shown on the enclosed drawings, dated March 6, 2013.

The Corps will review the work in accordance with Section 404 of the Clean Water Act (CWA) and Section 10 of the Rivers and Harbors Act. Ecology will review the work pursuant to Section 401 of the CWA, with applicable provisions of State water pollution control laws and the Coastal Zone Management Act.

APPLICANT: U.S. Navy, Naval Air Station Whidbey Island  
Attention: Commander Michael Dysart  
1115 West Lexington Drive, Building 103  
Oak Harbor, Washington 98278  
Telephone: (360) 257-3348

AGENT: U.S. Navy, Naval Air Station Whidbey Island  
Attention: Mr. Michael Bianchi  
1115 West Lexington Drive, Building 103  
Oak Harbor, Washington 98278  
Telephone: (360) 257-4024

LOCATION: In Crescent Harbor at Naval Air Station Whidbey Island (NASWI).

WORK: The applicant proposes the following actions in Crescent Harbor at NASWI: remove an existing 26,800 square-foot pier and replace it with a 3,200 square-foot pile-supported breakwater; dredge a 3.9 acre access channel; install a sheet pile cut-off wall at the existing fuel pier; and install new anchor buoys. Removal of the 536-foot long by 50-foot wide pier would include removal of 970 creosote treated piles. The Navy would construct a 400-foot long by 8-foot wide concrete panel breakwater. A total of 41, 24-inch diameter steel pipe batter piles and 41 vertical H-piles would be installed to support the breakwater. A vibratory driver would be used to install all piles, unless site conditions require an impact hammer to advance the pile to its final tip elevation. The first 100 feet of the breakwater closest to the nearshore would have a clearance of two feet from the seafloor to the bottom of the wall. A 400- by 8-foot cast-in-place reinforced concrete cap would be placed at the top of the breakwater to connect the piles and wall panels. A solar powered light-emitting diode navigation beacon would be installed at the

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northeast end of the breakwater and would be visible up to five nautical miles.

Up to 35,000 cubic yards of seafloor sediment would be dredged in a 3.9-acre area to provide a deeper access channel to allow unrestricted access to the fuel pier. The maximum dredged depth would be 22 feet below mean lower low water. Dredged material would be disposed at the DMMP nondispersive open-water disposal site in Port Gardner.

To reinforce the existing fuel pier, an underwater 333-foot long sheet pile cut-off wall with cathodic protection would be installed using a vibratory pile driver. The purpose of the sheet pile wall is to protect the fuel pier before and after the dredging operations. Six existing helical anchor buoys would be removed and replaced with a maximum of eight new helical anchor buoys. The purpose of the anchored buoys is to support the existing boom, which provides containment around the fuel pier.

**PURPOSE:** The project purpose is to protect the existing fuel pier and provide a navigable channel for vessel access to the fuel pier.

### **DREDGED MATERIAL MANAGEMENT PROGRAM (DMMP):**

**Dredged Material Testing:** The proposed dredged material has been tested according to the procedures specified by DMMP, a multi-agency program for the evaluation of dredged material proposed for disposal at open-water sites in Washington State. The DMMP evaluations may include both chemical and biological testing of sediments. For this project, the DMMP agencies determined that all 35,000 cubic yards were suitable for unconfined disposal at the DMMP nondispersive open-water disposal site in Port Gardner. The sediment testing data are available at the Corps, Seattle District, Dredged Material Management Office.

**Disposal Site Use Conditions:** The following standard site-use conditions will be specified by the Corps and the Washington Department of Natural Resources as part of the Federal/State permitting processes: (1) disposal operations must not interfere with Indian treaty fishing at the disposal site, including gill nets and other fishing gear; (2) the permittee must coordinate any nighttime disposal with the Corps, Seattle District, Regulatory Branch Project Manager; and (3) approval must be received from the District Engineer prior to conducting nighttime disposal. Other appropriate special conditions may be added as a result of comments received during the public review period for this public notice.

**ADDITIONAL INFORMATION:** The proposed in-water work window is 16 July to 15 February. The proposed project is the subject of an Environmental Assessment (EA) being prepared by the U.S. Navy. The Navy will be receiving comments on their draft EA during a 15-day review period later this summer. Announcements for the review period will be placed in local newspapers.

Copies of this public notice which have been mailed or otherwise physically distributed feature project drawings in black and white. The electronic version features those drawings in color, which we think more accurately communicates the scope of project impacts. To access the electronic version of this public notice, go to the Seattle District's web page at <http://www.nws.usace.army.mil/> and under the heading Open Public Comment Periods select Regulatory Public Notices. Recently-issued public notices are listed in chronological order of the date of issuance. Select and view the listing for this project.

**MITIGATION:** The project includes removal of an existing 26,800 square-foot pier including 970 creosote treated piles and decking from the nearshore aquatic environment.

**ENDANGERED SPECIES:** The Endangered Species Act (ESA) requires federal agencies to consult with the National Marine Fisheries Service (NMFS) and the U.S. Fish and Wildlife Service (USFWS) pursuant to Section 7

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of the ESA on all actions that may affect a species listed (or proposed for listing) under the ESA as threatened or endangered or any designated critical habitat. The U.S. Navy, Naval Air Station Whidbey Island, as the lead agency for ESA consultation, has initiated consultation with the NMFS and the USFWS as required under Section 7 of the ESA.

**ESSENTIAL FISH HABITAT:** The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996, requires all Federal agencies to consult with the NMFS on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The U.S. Navy, Naval Air Station Whidbey Island, as the lead agency for a determination regarding EFH, has initiated consultation with the National Marine Fisheries Services.

**CULTURAL RESOURCES:** The U.S. Navy, Naval Base Kitsap, as the lead agency for determining compliance with Section 106 of the National Historic Preservation Act, will consult with the State Historic Preservation Officer and Native American Tribes as appropriate.

**PUBLIC HEARING:** Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

**EVALUATION – CORPS:** The decision whether to issue a permit will be based on an evaluation of the probable impacts, 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 benefits, 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.

In order to consider and evaluate the impacts of this activity, the Corps is soliciting comments from the public, Native American Nations or tribal governments, Federal, State, and local agencies and officials, and other interested parties. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for the work. 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 activity.

The described discharge will be evaluated for compliance with guidelines promulgated by the Environmental Protection Agency under authority of Section 404(b)(1) of the CWA. These guidelines require an alternatives analysis for any proposed discharge of dredged or fill material into waters of the United States.

**EVALUATION – ECOLOGY:** In order to consider and evaluate the impacts of this activity, Ecology is soliciting comments from: the public, Native American Nations or tribal governments, Federal, State, and local agencies and officials, and other interested parties. Ecology will be considering all comments to determine whether to certify or deny certification for the proposed project.

**ADDITIONAL EVALUATION:**

As a Federal agency, the U.S. Navy, Naval Air Station Whidbey Island, will contact the Washington Department of Ecology directly to ensure the work is consistent with the Coastal Zone Management Program.

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**COMMENT AND REVIEW PERIOD:** Conventional mail or e-mail comments on this public notice will be accepted and made part of the record and will be considered in determining whether it would be in the public interest to authorize this proposal. In order to be accepted, e-mail comments must originate from the author's e-mail account and must include on the subject line of the e-mail message the permit applicant's name and reference number as shown below. Either conventional mail or e-mail comments must include the permit applicant's name and reference number, as shown below, and the commentator's name, address, and phone number. All comments whether conventional mail or e-mail must reach this office, no later than the expiration date of this public notice to ensure consideration.

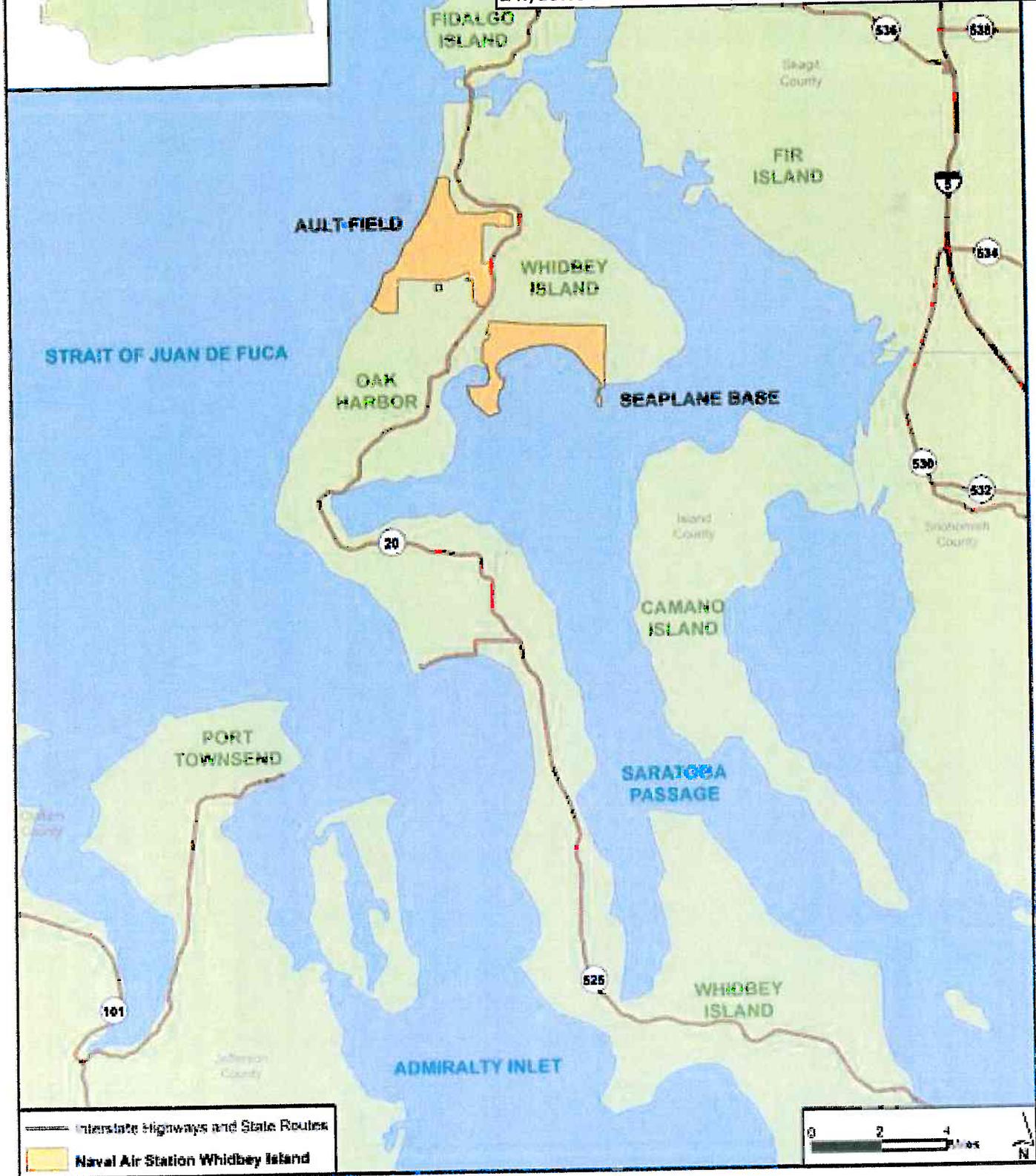
**CORPS COMMENTS:** All e-mail comments should be sent to [karen.m.urelius@usace.army.mil](mailto:karen.m.urelius@usace.army.mil). Conventional mail comments should be sent to: U.S. Army Corps of Engineers, Regulatory Branch, Attention: Ms. Karen Urelius, P.O. Box 3755, Seattle, Washington 98124-3755. All comments received will become part of the administrative record and are subject to public release under the Freedom of Information Act including any personally identifiable information such as names, phone numbers, and addresses.

**ECOLOGY COMMENTS:** Any person desiring to present views on the project pertaining to a request for water quality certification under Section 401 of the CWA and/or Coastal Zone Management consistency concurrence, may do so by submitting written comments to the following address: Washington State Department of Ecology, Attention: Federal Permit Coordinator, P.O. Box 47600, Olympia, Washington 98504-7600, or e-mail to [ecyrefedpermits@ecy.wa.gov](mailto:ecyrefedpermits@ecy.wa.gov).

To ensure proper consideration of all comments, responders must include the following name and reference number in the text of their comments: U.S. Navy (Whidbey), NWS-2013-245

Enclosure: Figures (11)

Figure 1 - Vicinity Date: 4-1-13 SHEET 1 OF 11  
 Reference Number: NWS-2013-245  
 Reference Name: US Navy (Whidbey) (P-191 Breakwater)  
 Applicant Name: US Navy  
 Proposed Project: Breakwater Construction and Pier Demolition  
 Location: Naval Air Station Whidbey Island, Island County, WA,  
 Crescent Harbor  
 LAT/LONG: 48° 17'05.11"N ; 122°37'12.21" W

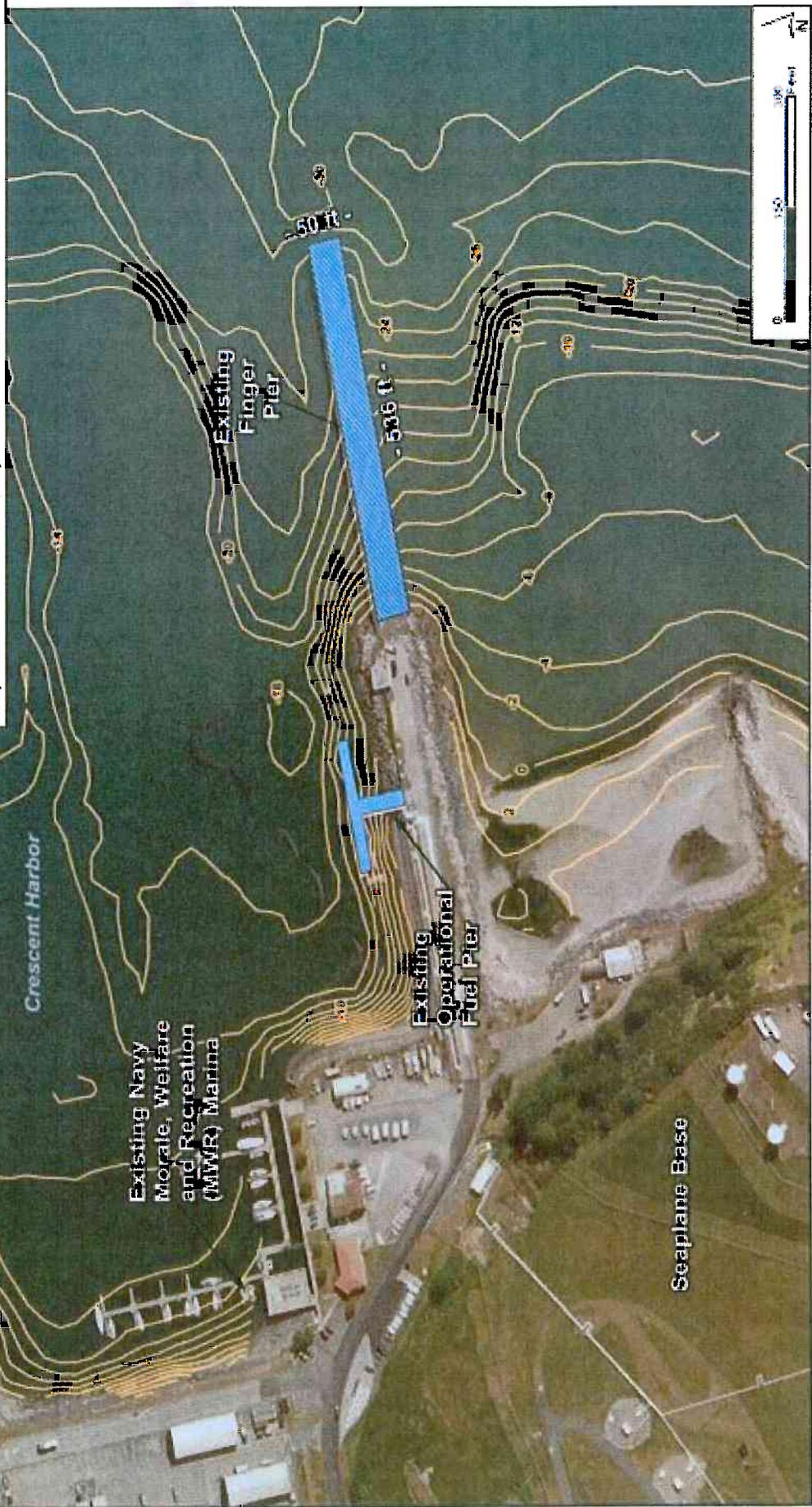


— Interstate Highways and State Routes  
 Naval Air Station Whidbey Island



Figure 2 - Project Location Date: 4/13 SHEET 2 OF 11  
 Reference Number: NWS-2013-245  
 Reference Name: US Navy (Whidbey) (P-191 Breakwater)  
 Applicant Name: US Navy  
 Proposed Project: Breakwater Construction and Pier Demolition  
 Location: Naval Air Station Whidbey Island, Island County, WA, Crescent Harbor  
 LAT/LONG: 48° 17'05.11" N ; 122°37'12.21" W

-  Bathymetry Contours (ft)
-  Operational Fuel Pier
-  Existing Finger Pier



Reference Number: NWS-2013-245

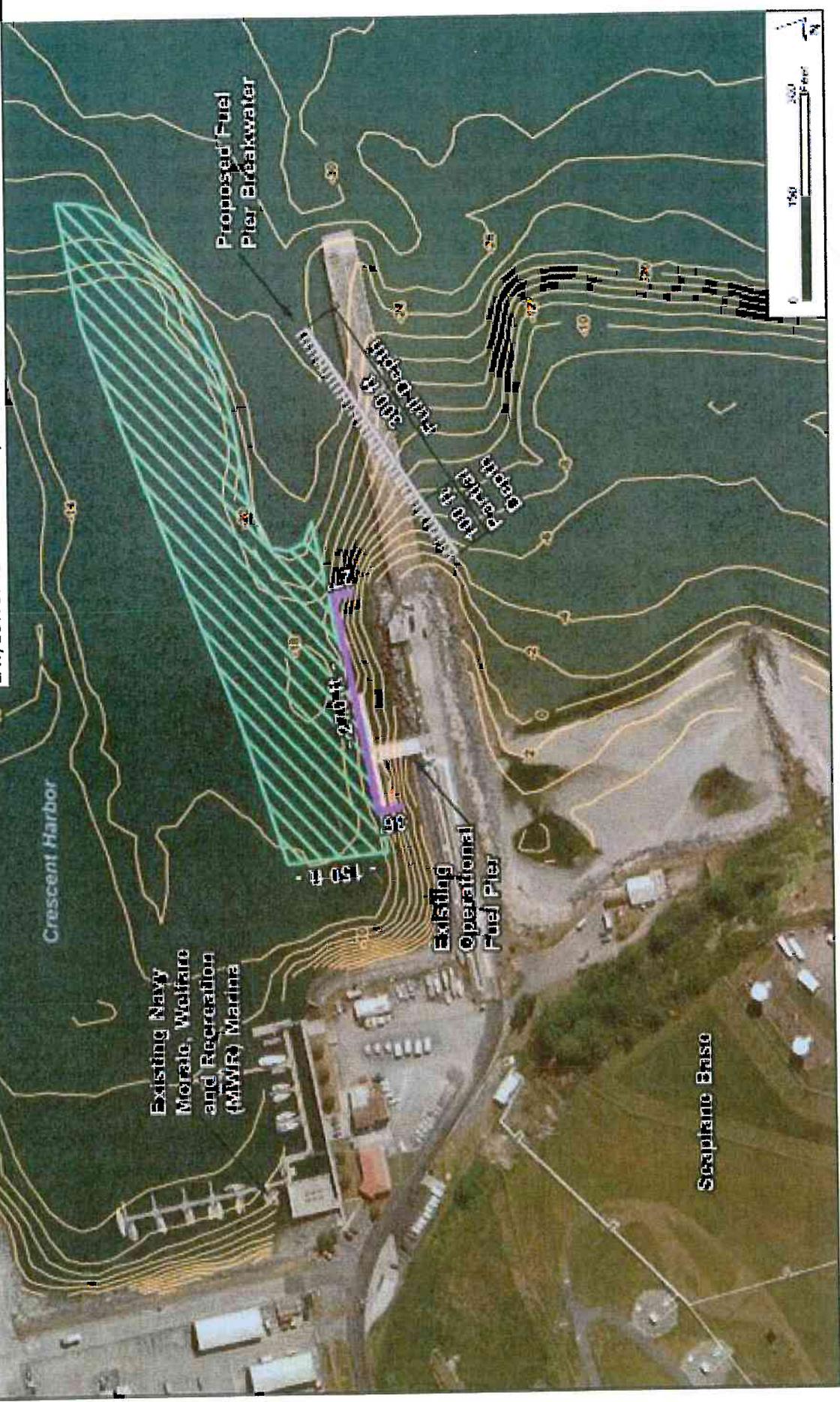
Reference Name: US Navy (Whidbey) (P-191 Breakwater)

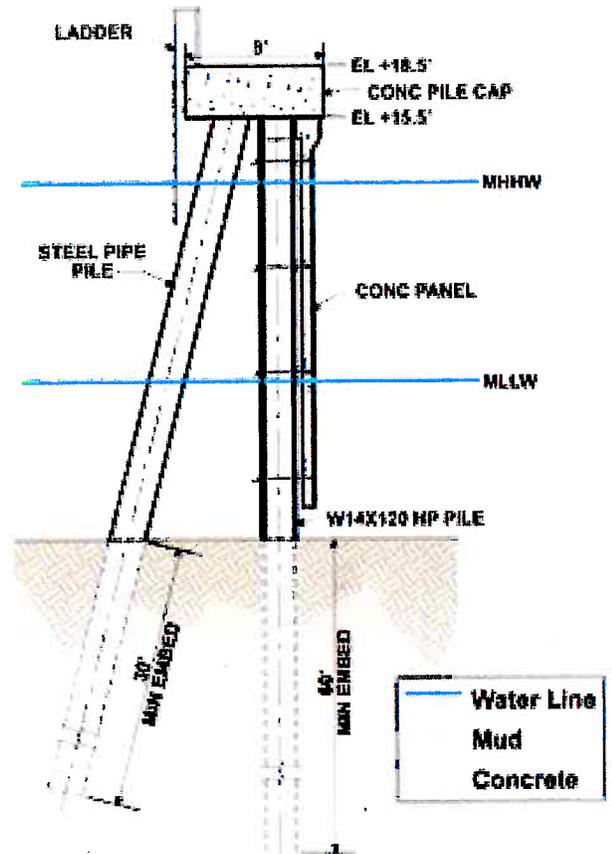
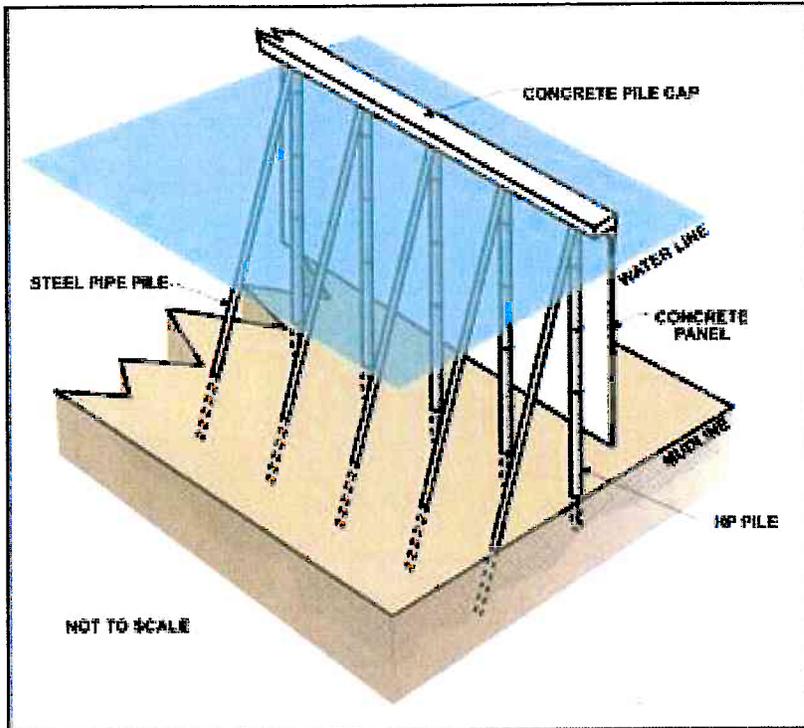
Applicant Name: US Navy

Proposed Project: Breakwater Construction and Pier Demolition

Location: Naval Air Station Whidbey Island, Island County, WA, Crescent Harbor  
 LAT/LONG: 48° 17'05.11"N ; 122°37'12.21" W

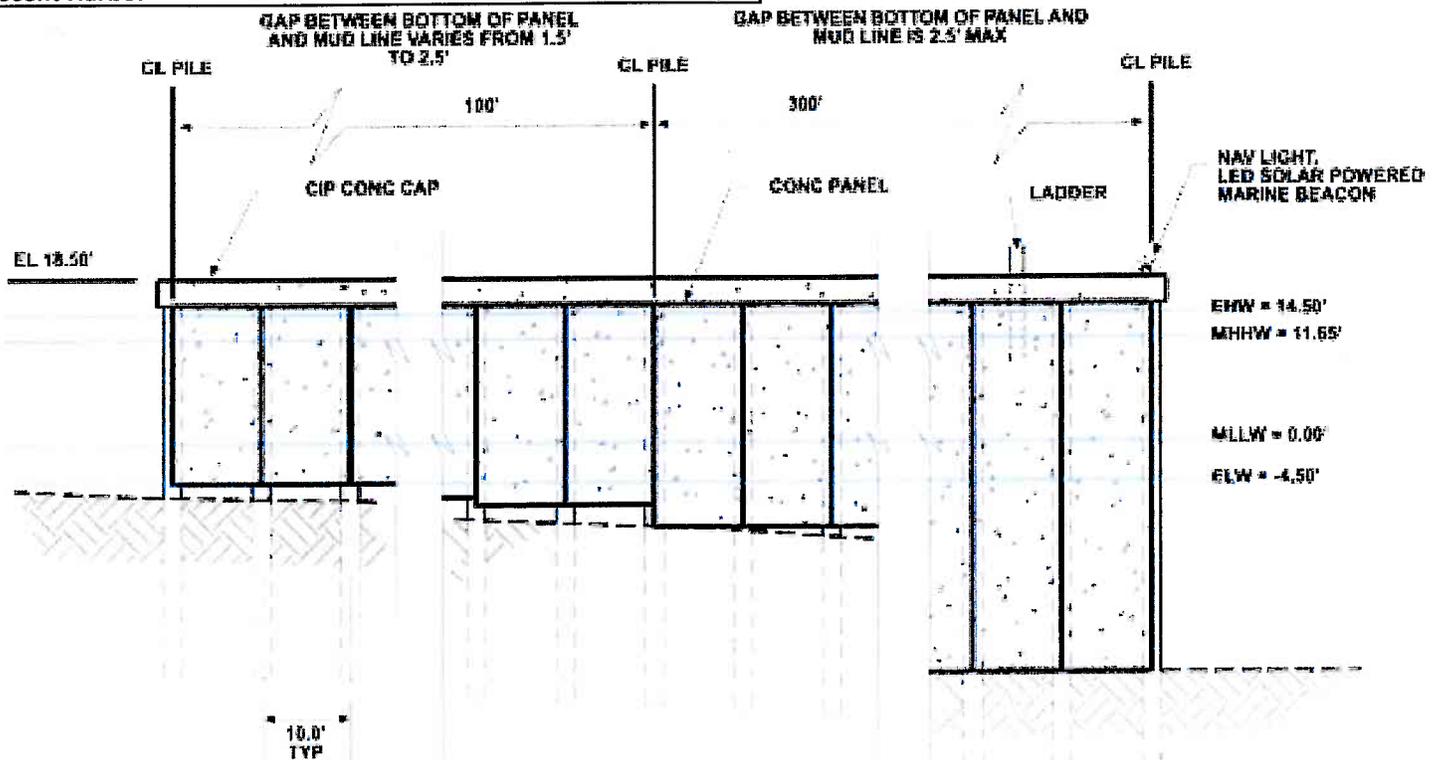
-  Bathymetry Contours (ft)
-  Proposed Fuel Pier Breakwater
-  Proposed Dredged Access to Fuel Pier
-  Proposed Sheet Pile Cutoff Wall





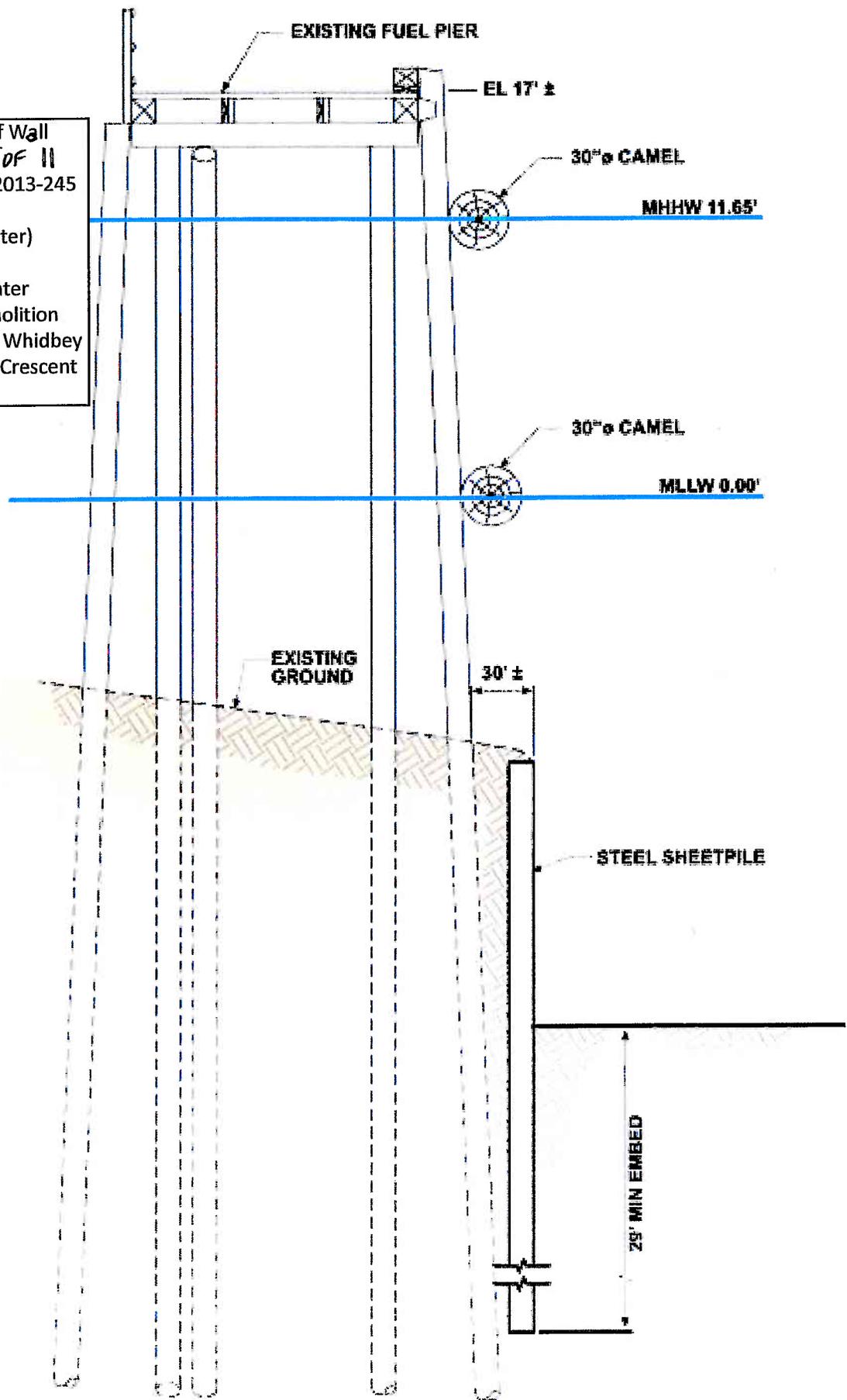
**BREAKWATER SECTION**  
NOT TO SCALE

Figure 4 - Breakwater Design Date: 4-1-13 SHEET 4 OF 11  
 Reference Number: NWS-2013-245  
 Reference Name: US Navy (Whidbey) (P-191 Breakwater)  
 Applicant Name: US Navy  
 Proposed Project: Breakwater Construction and Pier Demolition  
 Location: Naval Air Station Whidbey Island, Island County, WA,  
 Crescent Harbor



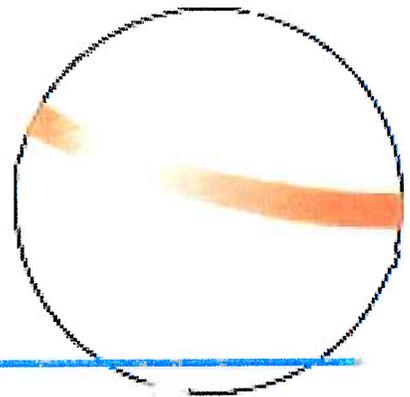
**BREAKWATER ELEVATION**  
NOT TO SCALE

Figure 5 - Sheet Pile Cutoff Wall  
Section *SHEET 5 OF 11*  
Reference Number: NWS-2013-245  
Reference Name: US Navy  
(Whidbey) (P-191 Breakwater)  
Applicant Name: US Navy  
Proposed Project: Breakwater  
Construction and Pier Demolition  
Location: Naval Air Station Whidbey  
Island, Island County, WA, Crescent  
Harbor Date: *4-1-13*



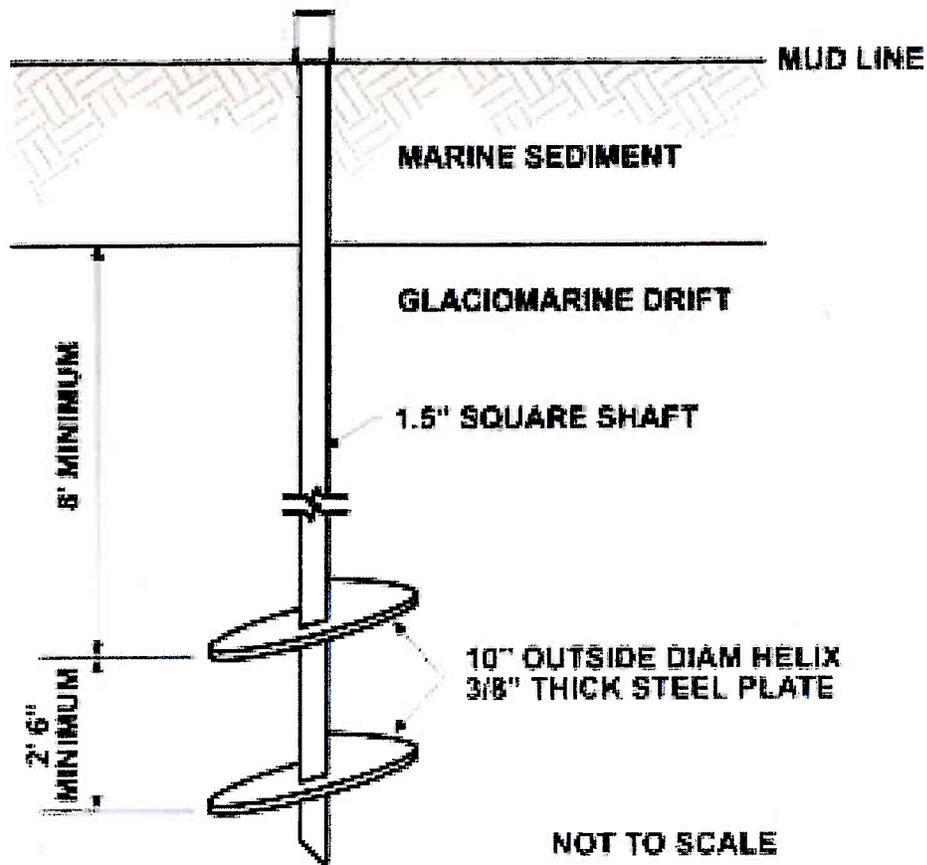
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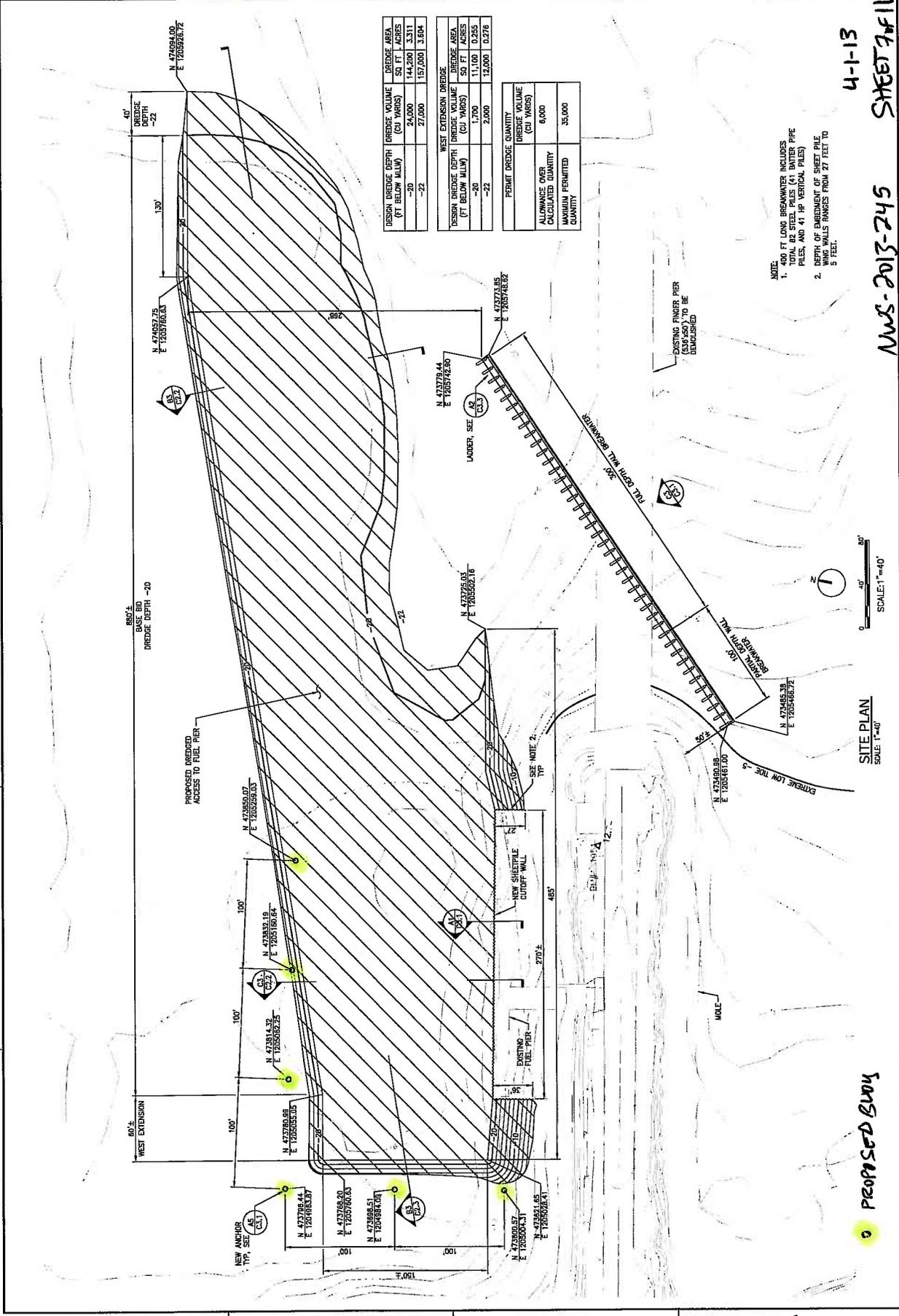
Figure 6 - Helical Buoy Anchor Date: 4-1-13  
Reference Number: NWS-2013-245 SHEET 6 OF 11  
Reference Name: US Navy (Whidbey) (P-191 Breakwater)  
Applicant Name: US Navy  
Proposed Project: Breakwater Construction and Pier Demolition  
Location: Naval Air Station Whidbey Island, Island County, WA,  
Crescent Harbor



**WATER LINE**

**1" ADAPTER THREAD BAR CHAIN SHACKLE, CONNECTED TO CHAIN**





DESIGN DREDGE DEPTH (FT BELOW MLLW)	DREDGE VOLUME (CU YARDS)	DREDGE AREA (SQ FT)	DESIGN DREDGE DEPTH (FT BELOW MLLW)	DREDGE VOLUME (CU YARDS)	DREDGE AREA (SQ FT)
-20	24,000	144,000	-20	1,700	11,100
-22	27,000	157,200	-22	2,000	12,000

PERMIT DREDGE QUANTITY (CU YARDS)	ALLOWANCE OVER CALCULATED QUANTITY	MAXIMUM PERMITTED QUANTITY
6,000		35,000

NOTE:  
 1. 400 FT LONG BREAKWATER INCLUDES 100 FT LONG PILES AND 41 HP VERTICAL PILES  
 2. DEPTH OF EMBANKMENT OF SHEET PILE  
 5 FEET.  
 3. PILES RANGES FROM 27 FEET TO 5 FEET.

SCALE: 1"=40'

SITE PLAN  
 SCALE: 1"=40'

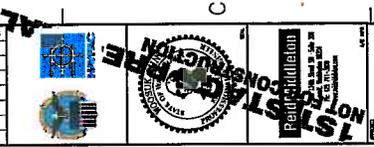
PROPOSED BULK

1 2 3 4 5

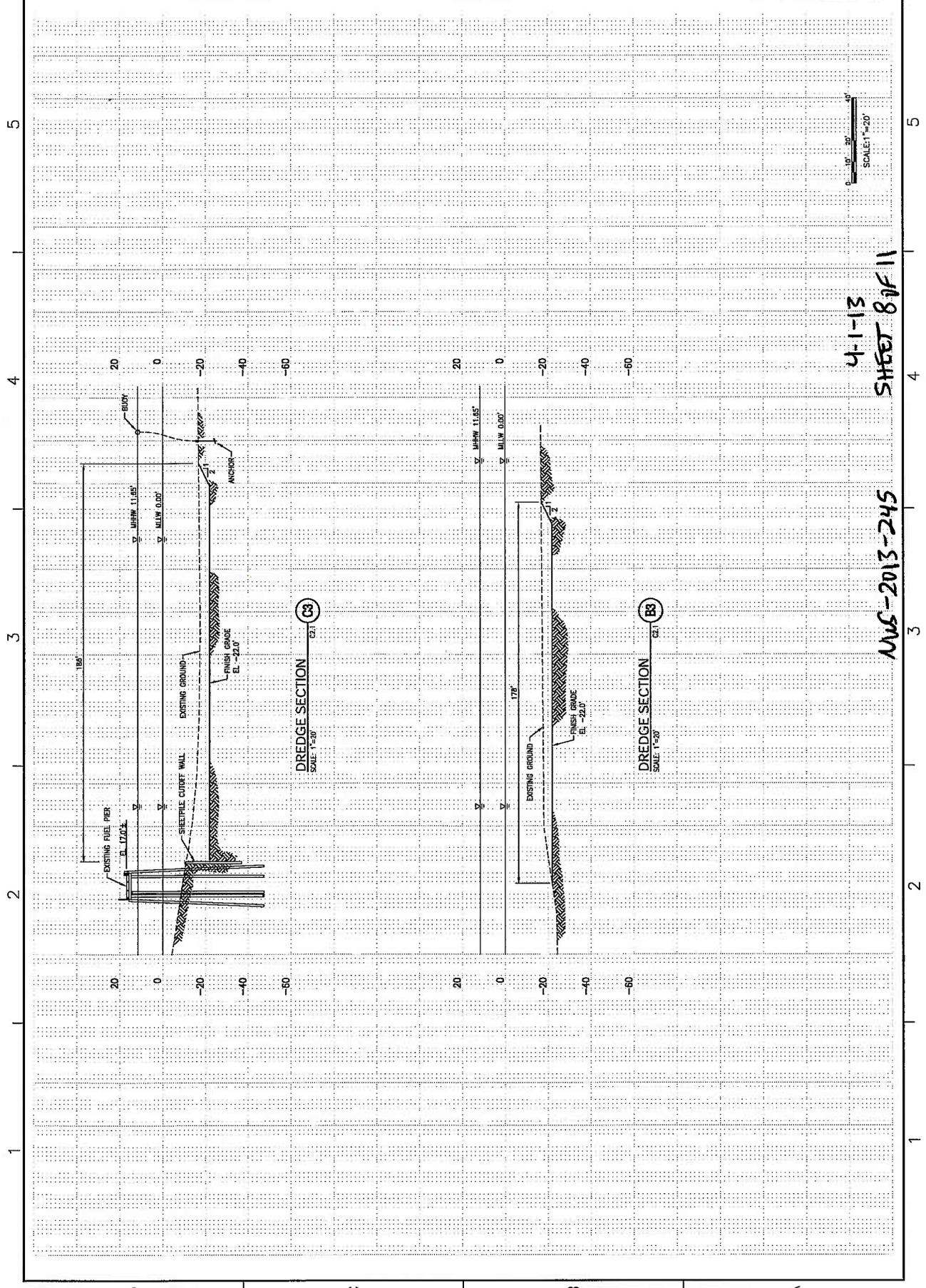
1 2 3 4 5

A B C D

A B C D

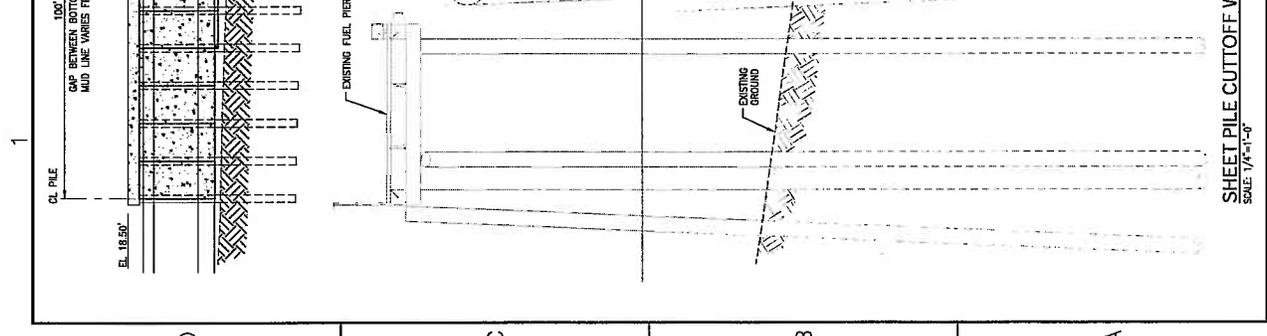
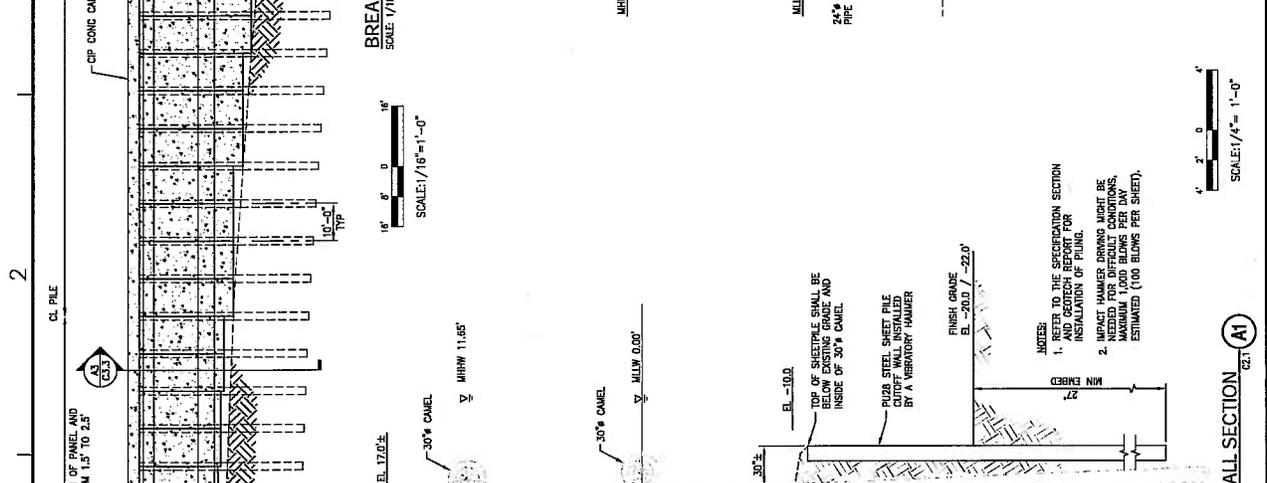
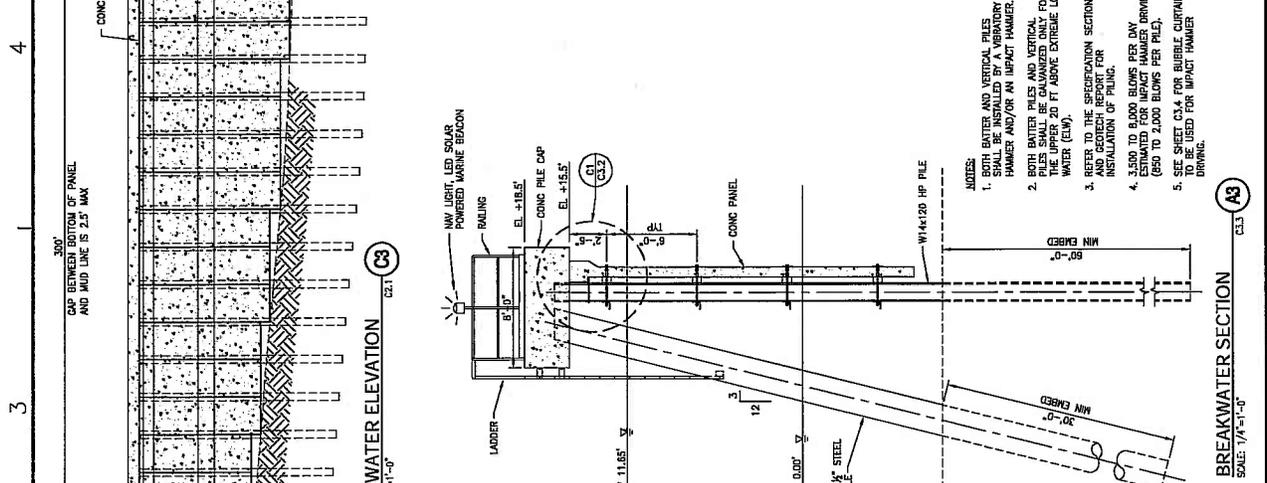
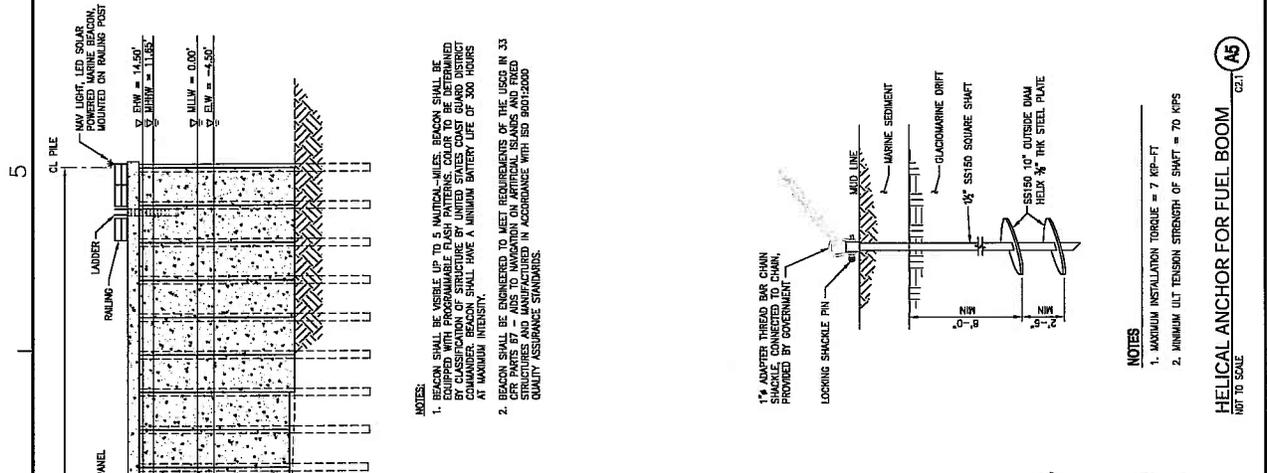


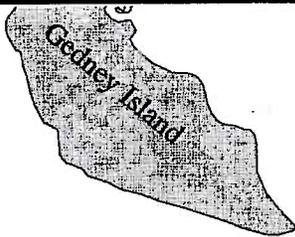
NAVAL FACILITIES ENGINEERING COMMAND - NORTHWEST OAK HARBOR, WA		DREDGE SECTIONS	
P-191 FUEL PIER BREAKWATER		DREDGE SECTIONS	
NAVAL FACILITIES ENGINEERING COMMAND OAK HARBOR, WA		DREDGE SECTIONS	
PROJECT NUMBER: 00000		SHEET: 822	
DRAWING NUMBER: 00000		DATE: 00/00/00	
DESIGNER: 00000		CHECKED: 00000	
DRAWN: 00000		APPROVED: 00000	
DATE: 00/00/00		SCALE: 1"=20'	



4-1-13  
 SHEET 822  
 AUG-2013-245

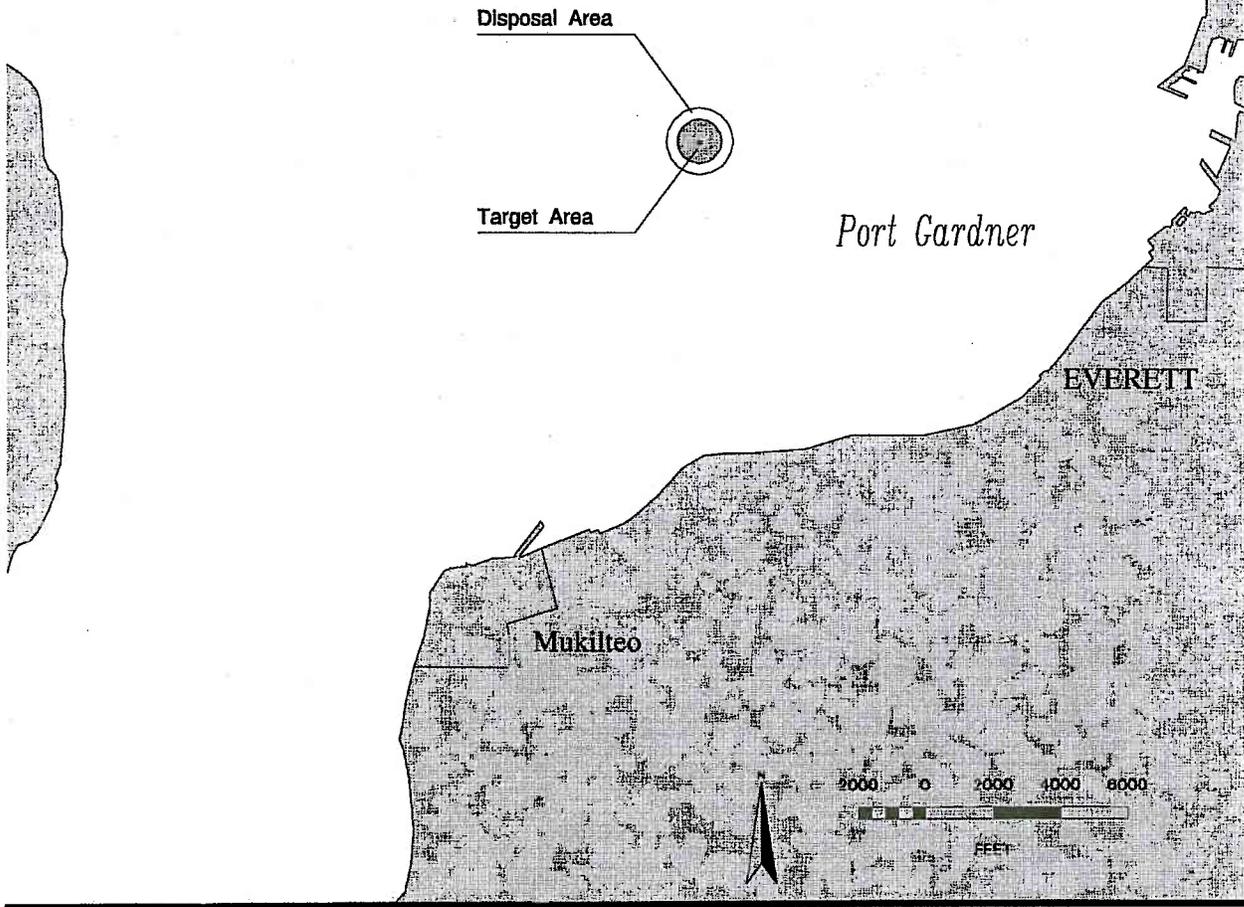






**Port Gardner Disposal Site**

TYPE: Nondispersive  
 AREA: 318 Acres DEPTH: 420 ft.  
 SITE DIMENSIONS: 4200 ft. by 4200 ft. circular  
 DISPOSAL ZONE: 1800 ft. Diameter  
 TARGET AREA: 1200 ft. Diameter  
 BARGE POSITIONING METHOD: GPS  
 NAD27 LOCATION: Lat 47° 58.86' Long 122° 16.67'  
 NAD83 LOCATION: Lat 47° 58.85' Long 122° 16.74'



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