

# **APPENDIX H**

## **SWIMMER INTERDICTION SECURITY SYSTEM EIS PERMIT APPLICATIONS AND TRIBAL CORRESPONDENCE**



**JOINT AQUATIC RESOURCE PERMIT  
APPLICATION SUBMITTAL AND  
CORRESPONDENCE WITH USACE AND WDOE**





DEPARTMENT OF THE NAVY  
NAVAL BASE KITSAP  
120 SOUTH DEWEY ST  
BREMERTON, WA 98314-5020

5090  
Ser PRB4/00699  
8 Dec 08

U.S. Army Corps of Engineers  
Seattle District  
Attn: Ms Vicki Didenhover  
P.O. Box 3755  
Seattle, WA 98124-3755

Dear Ms Didenhover:

SUBJECT: INSTALLATION OF FACILITY FOR SWIMMER INTERDICTION  
SECURITY SYSTEM

Naval Base Kitsap is submitting a Joint Aquatic Resources Permit Application (JARPA) for a Section 10 Permit under the Rivers and Harbors Act. The proposed project is to install a 9,892 square foot floating dock adjacent to an existing pier at Naval Base Kitsap at Bangor. The proposed facility would support deployment of a Swimmer Interdiction Security System (SISS). If deployed, the SISS would be able to detect, locate and interdict submerged and surfaced swimmers.

The Navy is nearing completion of the Draft Environmental Impact Statement which evaluates the effects of implementing a SISS. The Navy's preferred alternative utilizes Bottlenose Dolphins and California Sea Lions. The proposed facility would include in-water marine mammal pens, which would consist of floating docks with impermeable liners that create pools for marine mammals. The pools would be filled with water from Hood Canal, and the facility would use a closed-circuit water filtration system. Backwash water would be discharged to the sanitary sewer system for treatment at Kitsap County's Publically Owned Treatment Works (POTW). Water in the dolphin pens would be temperature controlled to maintain the temperature at or above 52°F. The sea lion pens would be closed but not temperature controlled. No wild mammals will be collected for the project; the mammals are part of the Navy's existing inventory of trained mammals utilized for security purposes.

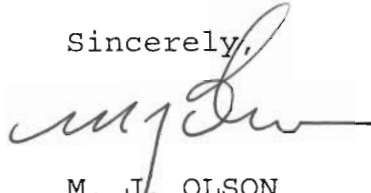
SUBJECT: INSTALLATION OF FACILITY FOR SWIMMEWR INTERDICTION  
SECURITY SYSTEM

The Navy has submitted a Biological Assessment (attached) to the National Marine Fisheries Service and the US Fish and Wildlife Service, a Coastal Zone Management Act Consistency Determination (attached) to the Washington Department of Ecology, and an Effects Determination (attached) to the Washington Department of Archaeology and Historic Preservation. We will send you copies of correspondence we receive from these agencies.

The Navy has completed Government-to-Government consultations with the five tribes with Usual and Accustomed fishing areas on the Hood Canal: the Skokomish, Jamestown S'Klallam, Port Gamble S'Klallam, Lower Elwha Klallam Tribes, and Suquamish Tribes. The Navy will forward documentation of these consultations under separate correspondence.

If you have any further questions or require additional information, please contact Mr. Greg Leicht at 360-315-5411 or [gregory.leicht@navy.mil](mailto:gregory.leicht@navy.mil).

Sincerely,



M. J. OLSON  
Captain, U.S. Navy  
Commanding Officer

- Enclosure:
1. Joint Aquatic Resources Permit Application for Swimmer Interdiction Security System
  2. Biological Assessment for Swimmer Interdiction Security System
  3. Coastal Zone Management Act Consistency Determination for Swimmer Interdiction Security System
  4. National Historic Preservation Act Effects Determination for Swimmer Interdiction Security System

Agency Reference #:  
Circulated by:  
Project Tracking Number:

Date Received:  
(local govt. or agency)



Washington State JOINT AQUATIC RESOURCES PERMIT APPLICATION (JARPA) Form

Step 1: Get Ready	Step 2: Complete Form	Step 3: Check Work	Step 4: Copy and Send In
Go to <a href="http://www.epermitting.org">www.epermitting.org</a> for <b>correct form</b> and <b>instructions</b> .	Use <b>black ink</b> . Check correct permit boxes.	Use internet <b>"Help" buttons</b> to answer questions completely.	See <b>JARPA Contacts</b> at <a href="http://www.epermitting.org">www.epermitting.org</a> for correct mailing addresses.

Fish Habitat Enhancement Projects per RCW 77.55.181. You must submit copy of completed JARPA form and Fish Habitat Enhancement JARPA Addition to your Local Government Planning Dep't and WA Dep't of Fish and Wildlife (WDFW) Area Habitat Biologist on same day. Note for Local Governments: You must submit comments to WDFW within 15 working days.

Based on instructions at [www.epermitting.org](http://www.epermitting.org), I am sending copies of this application to the following: (check all that apply)

- Local Government for Shoreline:  [Substantial Development](#)  [Conditional Use](#)  [Variance](#)  Exemption  Revision  
 [Floodplain Management](#)  Critical Areas Ordinance
- Washington Department of Fish and Wildlife for [Hydraulic Project Approval](#) (Submit 2 copies to WDFW Region)
- Washington Department of Ecology for [401 Water Quality Certification](#) (to Regional Office-Federal Permit Unit)
- Washington Department of Natural Resources for [Aquatic Resources Use Authorization Notification](#)
- Corps of Engineers for:  [Section 404](#) permit  [Section 10](#) permit
- Coast Guard for:  [General Bridge Act Permit](#)  [Private Aids to Navigation](#) (for non-bridge projects)
- For Department of Transportation projects only: This project will be designed to meet conditions of the most current Ecology/Department of Transportation Water Quality Implementing Agreement

**PROJECT TITLE: Swimmer Interdiction Security System (SISS) at Naval Base Kitsap at Bangor**

**PROJECT DESCRIPTION:** The proposed project is to install a 9,892 square foot floating dock facility for the Swimmer Interdiction Security System at Naval Base Kitsap at Bangor (Bangor). The facility will include in-water marine mammal pens, which consist of floating docks with impermeable liners that create pools for marine mammals. The facility will be anchored in-place by twelve 3' x 3' x 3' concrete anchors and will be attached to the Delta Pier (existing) at Bangor. The mammals are part of the Navy's existing inventory of trained mammals utilized for security purposes.

**SECTION A - Use for all permits covered by this application. Be sure to ALSO complete Section C (Signature Block) for all permit applications.**

1. APPLICANT

M. J. Olson, Captain U.S. Navy  
Commanding Officer, Naval Base Kitsap

MAILING ADDRESS

120 South Dewey Street, Building 443  
Bremerton, WA 98314-5020

WORK PHONE

360-627-4000

E-MAIL ADDRESS

mark.j.olson@navy.mil

HOME PHONE

Not Applicable

FAX #

(360) 476-8550

**If an agent is acting for the applicant during the permit process, complete #2. Be sure agent signs Section C (Signature Block) for all permit applications**

2. AUTHORIZED AGENT

Greg Leicht

MAILING ADDRESS

Naval Base Kitsap  
120 South Dewey Street, Building 467  
Bremerton, WA 98314-5020

WORK PHONE

360-315-5411

E-MAIL ADDRESS

gregory.leicht@navy.mil

HOME PHONE

360-340-3525

FAX #

360-476-6202

3. Relationship of applicant to property:  OWNER  PURCHASER  LESSEE  \_\_\_\_\_

4. Name, address and phone number of property owner(s) if other than applicant:

5. Location (street address, including city, county and zip code, where proposed activity exists or will occur)

7040 Escolar Road

Naval Base Kitsap at Bangor  
Silverdale, WA 98315

Local government with jurisdiction (city or county) Kitsap

Waterbody you are working in Hood Canal		Tributary of	WRIA #		
Is this waterbody on the 303(d) List <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Puget Sound	15		
If YES, what parameter(s)? Dissolved oxygen		Shoreline designation NA			
		Zoning designation NA			
¼ Section 18 - NE,NW,SW 07 - SE	Section 18:07	Township 26 North	Range 1 East of Willamette Meridian	Government Lot Not applicable	DNR stream type if known S
Latitude and Longitude: 47° 44' 40" N; 122° 43' 30" W 47° 45' 25" N; 122° 43' 10" W					Tax Parcel Number Not applicable

6. Describe (a) the current use of the property, (b) structures existing on the property, and (c) existing environmental conditions. Have you completed any portion of the proposed activity on this property?  YES  NO  
For any portion of the proposed activity already completed on this property, indicate month and year of completion.

**(a) Current Use of Property** Current use of the site is for National Defense. It is a submarine base.

**(b) Structures Existing on the Property** The Delta Pier is a triangular shaped pier complex constructed in 1979 to provide berthing and drydock facilities for submarines homeported at Bangor. The pier consists of 1,719 concrete and steel structural support piles. These piles support two access trestles and a concrete support super structure, which extends from the shoreline out to a depth of 113 feet at MLLW.

The project site is an active industrial waterfront that includes six major piers and docks, each averaging 164,000 square feet along 4.6 miles the eastern shoreline of northern Hood Canal. In addition to construction-related equipment that is used on piers, the piers are supplied with artificial lighting for both industrial operations and security measures; the largest piers at the Bangor waterfront are outfitted with more than 100 industrial overhead, security, doorway, and walkway lights.

**(c) Existing Environmental Conditions**

Naval Base Kitsap at Bangor is located along 4.5 miles of the eastern Hood Canal shoreline. Hood Canal is a relatively long (108 kilometers) and narrow (2.4 kilometers on average) fjord with the surrounding area characterized by flat-topped ridges. Typical of a fjord, Hood Canal exhibits reasonably steep sloping, U-shaped walls that flatten at depth. The narrow nearshore areas slope gently until reaching the steep walls of the main channel. The shoreline surrounding Bangor is relatively free of armoring and much of it exists in its natural state of rocky beaches and cliffs.

At the Bangor waterfront, dense bands of eelgrass and green algae occur in sheltered or partially exposed lower-intertidal and nearshore marine habitats from +2 feet MLLW to -20 feet MLLW. Other types of marine vegetation include green, brown, and red algae. High abundance of brown algae at NBK-Bangor is primarily attributed to the abundance of two genera, a leafy brown alga (*Sargassum* spp.) and to a lesser extent, non-floating kelp (*Laminaria* spp.) (Morris et al. 2008b).

The benthic community along the NBK-Bangor waterfront is dominated by, in order of relative abundance, molluscs, crustaceans (arthropods), and polychaetes. Shellfish species at NBK-Bangor include: littleneck clam, butter clam, eastern soft shell clam, and Pacific oyster. Oyster beds occur along approximately 72 percent of the NAVBASE Kitsap Bangor waterfront and occasionally co-occur with beds of mussels (Delwiche et al. 2008).

Five naturally spawning (non-listed) salmonid species are known to occur within Hood Canal and spawn within its tributaries. They are chum salmon (fall-run), coho salmon, pink salmon, coastal cutthroat trout, and sockeye salmon. With the exception of strays, sockeye salmon do not occur along the NBK-Bangor waterfront. Abundant forage fish captured along the NBK-Bangor waterfront during seine surveys in 2005 and 2006 include, in order of abundance, Pacific herring, surf smelt, and Pacific sand lance. Larval forage fish consisting of large schools with both surf smelt and Pacific sand lance were also captured (SAIC 2006). Four species of Endangered Species Act listed finfish, Puget Sound Chinook salmon, Hood Canal Summer-Run Chum salmon, Puget Sound Steelhead, and Bull trout, are known to occur in the marine waters of Hood Canal.

Ten marine mammal species occurring in the inside waters of Washington State (San Juan Islands, Strait of Juan de

Fuca, and Puget Sound) may also occur in the vicinity of NBK–Bangor and surrounding environment of Hood Canal, Washington. These species include six whales (cetaceans) and four seals and sea lions (pinnipeds). The most common marine mammal species in the Hood Canal area are harbor seals and California sea lions. Harbor seals have been observed at NBK–Bangor hauled out on floating docks and a plastic boom. A floating dock along the NBK–Bangor waterfront and docked submarines are used as haul-out sites by California sea lions (Agness and Tannenbaum 2008a). No ESA-listed marine mammal species occur at Bangor.

In the NBK–Bangor vicinity, marine bird density is highest in winter, with large numbers of marine waterfowl occurring at this time. Many of the marine bird species in occurrence are migratory, or only occur during part of the year. Marine waterfowl species generally only occur at NBK–Bangor during the winter and migrate north during their breeding season. Bald eagles have been observed feeding, perching or roosting, and bathing at NBK–Bangor year round (Navy 2001; Agness and Tannenbaum 2008b). The marbled murrelet, a federally listed threatened species, occur in Hood Canal and have been observed at the NBK–Bangor waterfront (Agness and Tannenbaum 2008b). A bald eagle nest occurs south of Devil's Hole near the waterfront and two bald eagle nesting territories occur within 1 mile of the base (WDFW 2007a; Leicht 2008, personal communication).

Hood Canal has relatively large tidal exchanges, with two high tides and two low tides each day, ranging from 12 to 14 feet. There is a large difference in circulation between the northern portion of Hood Canal (roughly 15 to 18 miles from the entry) and the rest of Hood Canal, particularly the southern portion.

The protected nature of the canal and direct input of fresh water from multiple tributaries lining the banks of the canal promote the development of a stratified water column throughout the year. The shallow entrance to Hood Canal restricts circulation with the rest of Puget Sound, reduces exchange volumes associated with normal tidal flux, and increases the residence time of water within Hood Canal up to a year or more. These conditions restrict the replenishment of dissolved oxygen (DO). High algae productivity (e.g., algal blooms) is believed to be a contributing factor to low DO conditions in Hood Canal, due to algae die off and decomposition. The northern stretch of Hood Canal is less affected by seasonal episodes of low DO. Along the Bangor waterfront, DO levels generally range between 7 and 10 mg/L, which meets the Washington State standard for Extraordinary Quality waters. On occasion in the late summer at depths of 20 to 60 meters, DO has been measured as low as approximately 5 mg/L at the base. This level meets the state standard for Good Quality waters and is above levels known to cause adverse effects on marine biota.

Marine sediments (intertidal and subtidal) at Bangor consist primarily of sands (71 percent by volume) and gravels (16 percent by volume), with minor amounts of silts and clays (13 percent by volume). In general, the amount of coarse-grained sediments (e.g., sands and gravels) increases closer to shore. Results from the 2007 sediment survey (Hammermeister and Hafner 2008) confirm that, with a few exceptions, sediment quality at Bangor is within sediment quality standards (SQS) standards. Concentrations of individual polycyclic aromatic hydrocarbon (PAH) compounds are below the corresponding Washington State SQS and Cleanup Screening Levels (CSLs). The exception is one location where sediments contain concentrations of fluoranthene, chrysene, dibenz(a,h)anthracene, and total high molecular weight PAHs that exceed the SQS but not the CSL values. Two locations contain elevated concentrations of copper, lead, and zinc. The maximum lead concentration (701 mg/kg) exceeds the corresponding CSL (530 mg/kg), and the maximum zinc concentration (410 mg/kg) is at the SQS. The maximum copper and mercury concentrations are below the respective SQS and CSL levels. Polychlorinated biphenyls (PCBs) are present at detectable amounts in sediments from this area but concentrations are below the SQS and CSL levels. Pesticide concentrations are at or below detection limits. Concentrations of other classes of organic contaminants, such as chlorinated aromatics, phthalate esters, phenols, and other miscellaneous extractable compounds, typically are at or below the analytical detection limits and consistently below the SQS values.

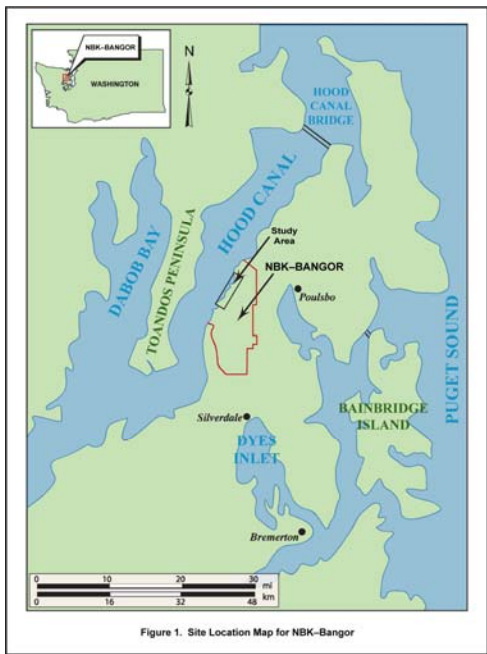
Is the property agricultural land?  YES  NO      Are you a USDA program participant?  YES  NO

7a. Describe the proposed work that needs aquatic permits: Complete plans and specifications should be provided for all work waterward of the ordinary high water mark or line, including types of equipment to be used. If applying for a shoreline permit, describe all work within and beyond 200 feet of the ordinary high water mark. If you have provided attached materials to describe your project, you still must summarize the proposed work here. Attach a separate sheet if additional space is needed.

Facilities proposed to be installed include anchored floating docks with pens and enclosures for dolphins and sea lions. The facility would be attached to Delta Pier, existing at Bangor. The total overwater area of the facility would be approximately 9,892 square feet.

There would be four floating pens for dolphins. Each pen would be 30 feet by 30 feet, attached to an anchored floating dock approximately 116 feet long and 20 feet wide. The in-water portion of the pens would be 12 feet deep and composed of a non-permeable, inert material. Each pen would be surrounded by tent structures approximately 8-12 feet high.

There would be three floating pens for sea lions. Each pen would be 30 feet long and 30 feet wide, approximately half of which would be a sea lion haul-out area. The in-water portion of each pen would be 8 feet deep and composed of a non-permeable, inert material. Each pen would be surrounded by a 6-foot high frame fence with mesh siding and overhead shading. The enclosures would be attached to a floating dock approximately 107 feet long by 6 feet wide. There would be two 8-foot wide perpendicular extensions (walkways) to the floating dock between the pens.



**Typical Sea Lion Enclosures**



**Typical Dolphin Enclosures, External and Internal Views**

Office space, equipment storage, and a small onsite laboratory would be located on the facility.

Utilities required at the facility include electrical power (normal and back-up), communications, potable water, and connection to the sanitary sewer. Lighting would be installed inside and outside the enclosures for operations and to ensure safety of personnel.

Twelve 3' x 3' x 3' concrete anchors would be placed on the sea floor to hold the facility in place. Stainless steel cables would connect the concrete anchors to the docks.

Trucks would transport the materials to the Bangor shoreline. A crane would lower the dock sections and enclosures into place. The facility would be located about 200 feet offshore at a depth of -20 to -30 feet MLLW.

Construction would occur from 8:00 a.m. to 5:00 p.m. Monday through Friday, and construction duration would be less than 30 days.

**PREPARATION OF DRAWINGS:** See sample drawings and guidance for completing the drawings. **ONE SET OF ORIGINAL OR GOOD QUALITY REPRODUCIBLE DRAWINGS MUST BE ATTACHED.** NOTE: Applicants are encouraged to submit photographs of the project site, but these DO NOT substitute for drawings. **THE CORPS OF ENGINEERS AND COAST GUARD REQUIRE DRAWINGS ON 8-1/2 X 11 INCH SHEETS. LARGER DRAWINGS MAY BE REQUIRED BY OTHER AGENCIES.**

7b. Describe the purpose of the proposed work and why you want or need to perform it at the site. Please explain any specific needs that have influenced the design.

The purpose of the project is to provide facilities to house and train marine mammals, which will provide waterside security at Bangor. The mammals will counter threats from surface and submerged swimmers. In response to recent terrorist attacks, the U.S. government has increased security requirements at its military installations. Several classified Navy instructions establish requirements for security and protection of Navy assets at Navy bases, including Bangor. The project need is to comply with these Navy security requirements.

The facility is required to be on the Bangor waterfront, to be near the assets to be protected. The site on Delta Pier was selected because it is unoccupied. The Delta Pier will afford significant protection from the harsh winter seas, an alternate location may require construction of a wave barrier. Eel grass beds in the vicinity of the proposed facility have been mapped and have specifically been avoided. Potential impacts from animal waste to nearby a nearby Tribal shellfishery were avoided by housing the animals in enclosed pools, vice open-mesh pens.

7c. Describe the potential impacts to characteristic uses of the water body. These uses may include fish and aquatic life, water quality, water supply, recreation and aesthetics. Identify proposed actions to avoid, minimize, and mitigate detrimental impacts and provide proper protection of fish and aquatic life. Identify which guidance documents you have used. Attach a separate sheet if additional space is needed.

The dock, marine mammal enclosures and anchors would be constructed on land and placed in water for attachment to the existing pier. Care would be taken to prevent any petroleum products, chemicals, or other toxic or deleterious materials from entering the marine waters. Impacts to eelgrass beds would be avoided during construction and operations.

The proposed construction will require placement of twelve 3' x 3' x 3' concrete anchors. This will result in minor short-term increases in turbidity. However, due to the relatively few number and small size of the anchors, the effect is considered negligible. The anchors would also result in a long-term effect of converting the existing soft bottom to hard substrate within the anchor footprints. The small decrease in soft-bottom habitat and increase in hard substrate habitat would result in a minor and localized change in species composition but would not result in any net loss of biological productivity.

The proposed facility represents less than a 1 percent increase in overwater structures to the existing Bangor waterfront. No shading effects would occur to eelgrass, which occurs at shallower depths approximately 100 feet from where the marine mammal enclosures would be located. The project would have a negligible impact due to shading of other marine vegetation such as macroalgae. Increased boat traffic from the proposed action would not adversely affect the marine vegetation community at NBK-Bangor.

The addition of lighting units along the facility dock would result in a minor incremental increase in lighting that would not be substantially different from existing conditions.

Juvenile salmon, notably fry, occur within shallow (less than 3 feet in depth), nearshore waters; the project is not expected to effect juvenile salmonid or forage fish migration. The project is approximately 200 feet from the Mean Low-Lower Water line, and is in 20-30 feet of water, MLLW. The Navy marine mammals would be well fed on a diet of commercially obtained fish and would be under close control of trainers when outside their enclosures. This would prevent any significant predation on native fish by the Navy mammals.

Four species of ESA listed finfish (Puget Sound Chinook salmon, Hood Canal Summer-Run Chum salmon, Puget Sound Steelhead, and Bull trout) are known to occur in the marine waters of Hood Canal. The potential effects of the project on these salmonids would be minimized or avoided by scheduling all in-water construction to avoid the peak outmigration period of 15 February and July 15. No adverse effects or "takes" of ESA-listed fish species would occur.

The Navy marine mammals would be under close control of their trainers when outside their enclosures and would not interact significantly with wild marine mammals. Only disease-free mammals would be brought to Bangor for the program, and these animals would be monitored closely for disease and quarantined as necessary. Therefore, wild marine mammals would not be adversely affected.

7d. For in-water construction work, will your project be in compliance with the State of Washington water quality standards for turbidity (WAC 173-201A-410)?  YES  NO

8. Will the project be constructed in stages?  YES  NO

Proposed starting date: Fiscal Year 2009

Estimated duration of activity: 30 days for construction, continuous for operation

9. Check if any temporary or permanent structures will be placed:

Waterward of the ordinary high water mark or line for fresh or tidal waters AND/OR

Waterward of the mean higher high water for tidal waters?

10. Will fill material (rock, fill, bulkhead, or other material) be placed: No

Waterward of the ordinary high water mark or line for fresh waters?

If YES, VOLUME (cubic yards) / AREA (acres)

Waterward of the mean higher high water for tidal waters?

If YES, VOLUME (cubic yards) / AREA (acres)

11. Will material be placed in wetlands?  YES  NO

If YES:

A. Impacted area in acres: N/A

B. Has a delineation been completed? If YES, please submit with application.  YES  NO

C. Has a wetland report been prepared? If YES, please submit with application  YES  NO

D. Type and composition of fill material (e.g., sand, etc.) N/A

E. Material source: N/A

F. List all soil series (type of soil) located at the project site, and indicate if they are on the county's list of hydric soils. Soils information can be obtained from the natural Resources Conservation Service (NRCS).

G. WILL PROPOSED ACTIVITY CAUSE FLOODING OR DRAINING OF WETLANDS?  YES  NO

If YES, IMPACTED AREA IS ACRES OF DRAINED WETLANDS.

NOTE: If your project will impact greater than 1/10 of an acre of wetland, submit a mitigation plan to the Corps and Ecology for approval along with the JARPA form.

NOTE: A 401 water quality certification may be required from Ecology in addition to an approved mitigation plan if your project wetland impacts are greater than 1/10 acre in size. Please submit the JARPA form and mitigation plan to Ecology for 401 certification review.

12. Stormwater Compliance: This project is (or will be) designed to meet ecology's most current stormwater manual, or an Ecology approved local stormwater manual.

YES  NO Not applicable - marine mammal dock and enclosures will be placed over and within marine waters, respectively. Fresh water for cleaning will be obtained from existing fresh water facilities at the pier.

If YES – Which manual will your project be designed to meet?

If NO – For Clean Water Act Section 401 and 404 permits only – Please submit to Ecology for approval, along with this JARPA application, documentation that demonstrates the stormwater runoff from your project or activity will comply with the water quality standards, WAC 173-201(A)

13. Will excavation or dredging be required in water or wetlands?  YES  NO

If YES:

A. Volume: (cubic yards) /area (acre)

B. Composition of material to be removed:

C. Disposal site for excavated material:

D. Method of dredging:

14. Has the State Environmental Policy Act (SEPA) been completed  YES  NO - Navy is a federal agency. The NEPA SISS EIS is a SEPA equivalent.

SEPA Lead Agency:

SEPA Decision: DNS, MDNS, EIS, Adoption, Exemption

Decision Date (end of comment period)

SUBMIT A COPY OF YOUR SEPA DECISION LETTER TO WDFW AS REQUIRED FOR A COMPLETE APPLICATION

15. List other Applications, approvals or certifications from other federal, state or local agencies for any structures, construction discharges or other activities described in the application (i.e. preliminary plat approval, health district approval, building permit, SEPA review, federal energy regulatory commission license (FERC), Forest practices application, etc.). Also, indicate whether work has been completed and indicate all existing work on drawings. NOTE: For use with Corps Nationwide Permits, identify

whether your project has or will need an NPDES permit for discharging wastewater and/or stormwater.

TYPE OF APPROVAL	ISSUING AGENCY	IDENTIFICATION NO.	DATE OF APPLICATION	DATE APPROVED	COMPLETED?
Endangered Species Act Consultation	NMFS, USFWS				
Marine Mammal Protection Act Consultation	NMFS				
Costal Zone Management Consistency Determination	Washington Department of Ecology				
Section 106 National Historic Preservation Act	WA Dept. of Archaeology and Historic Preservation				

16. Has any agency denied approval for the activity you're applying for or for any activity directly related to the activity described herein?  
 YES  NO  
 If YES, explain:

**SECTION B - Use for Shoreline and Corps of Engineers permits only:**

17a. Total cost of project. This means the fair market value of the project, including materials, labor, machine rentals, etc.  
 \$750K

17b. If a project or any portion of a project receives funding from a federal agency, that agency is responsible for ESA consultation. Please indicate if you will receive federal funds and what federal agency is providing those funds.

FEDERAL FUNDING  YES  NO If YES, please list the federal agency.

Funds will be provided by the Department of Defense, Navy. ESA consultation is planned and will occur under the proposed action.

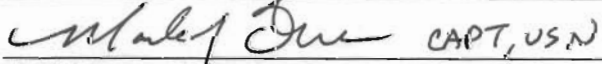

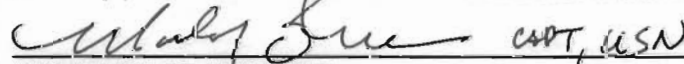
18. Local government with jurisdiction: Not applicable, the facility would be located on federally owned and managed property.

19. Provide names, addresses and telephone numbers of adjoining property owners, lessees, etc. **Please note:** Shoreline Management Compliance may require additional notice – consult your local government.

NAME	ADDRESS	PHONE NUMBER
John and Deanna Horsley	North Sound Bank, PO Box 3075, Silverdale, WA 98383	
Gerald and Mollyn Ristow	112 NE ST HWY 308, Poulsbo, WA 98370	
Donald and Marion Goodwin	17220 Olymptic View Rd NW, Silverdale, WA 98383	
Calvin McDonald	17222 Olymptic View Rd NW, Silverdale, WA 98383	

**SECTION C - This section MUST be completed for any permit covered by this application**

20. Application is hereby made for a permit or permits to authorize the activities described herein. I certify that I am familiar with the information contained in this application, and that to the best of my knowledge and belief, such information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities. I hereby grant to the agencies to which this application is made, the right to enter the above-described location to inspect the proposed, in-progress or completed work. I agree to start work ONLY after all necessary permits have been received.

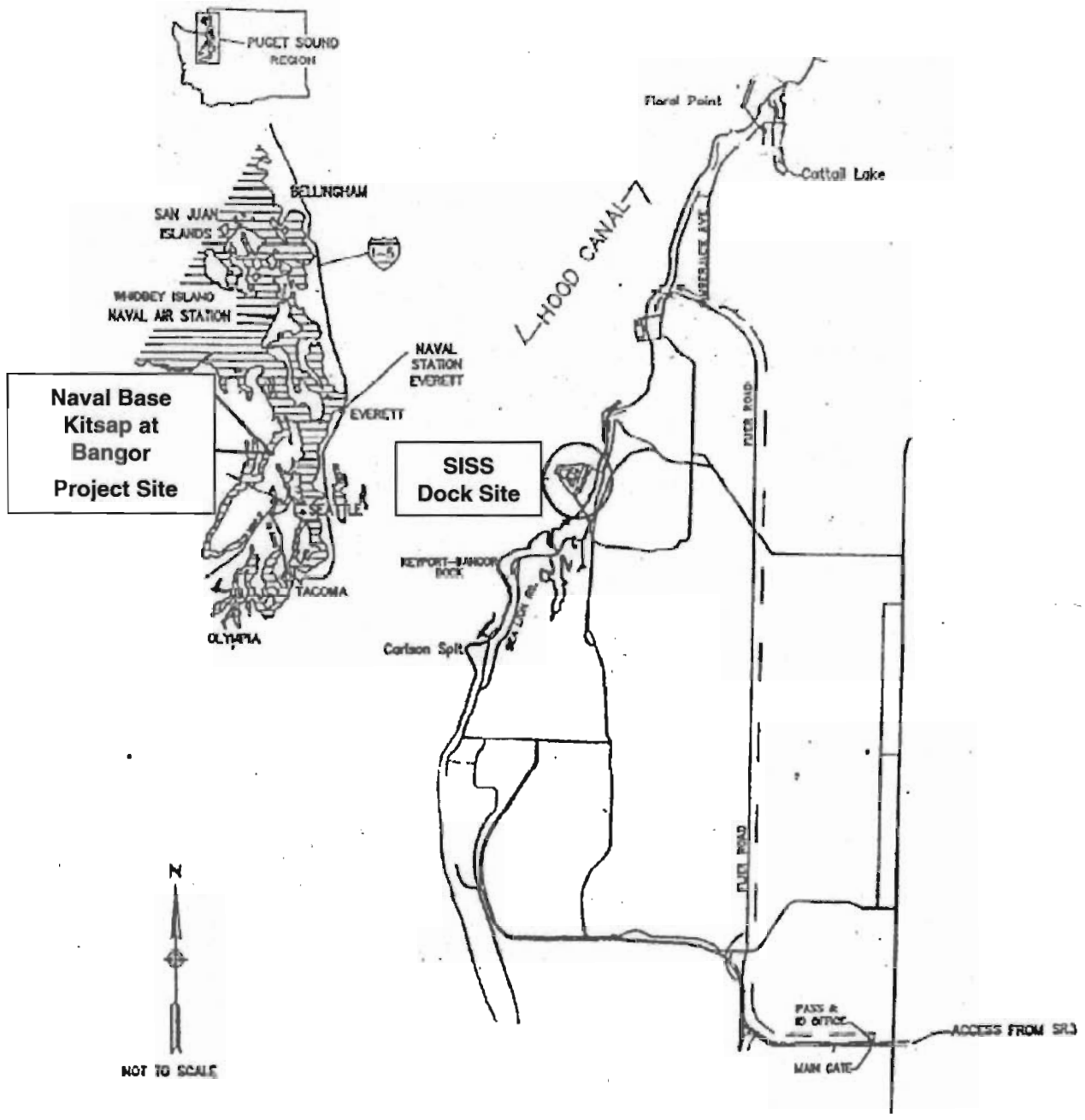
 CAPT, USN	DATE 12/5/08
SIGNATURE OF APPLICANT	
	DATE 12/14/08
SIGNATURE OF AUTHORIZED AGENT	
I HEREBY DESIGNATE <u>GRAN LEIGHT</u> TO ACT AS MY AGENT IN MATTERS RELATED TO THIS APPLICATION FOR PERMIT(S). I UNDERSTAND THAT IF A FEDERAL PERMIT IS ISSUED, I MUST SIGN THE PERMIT.	
 CAPT, USN	DATE 12/5/08
SIGNATURE OF APPLICANT	

18 U.S.C §1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly falsifies, conceals, or covers up by any trick, scheme, or device a material fact or makes any false, fictitious, or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious, or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than 5 years or both.

**COMPLETED BY LOCAL OFFICIAL**

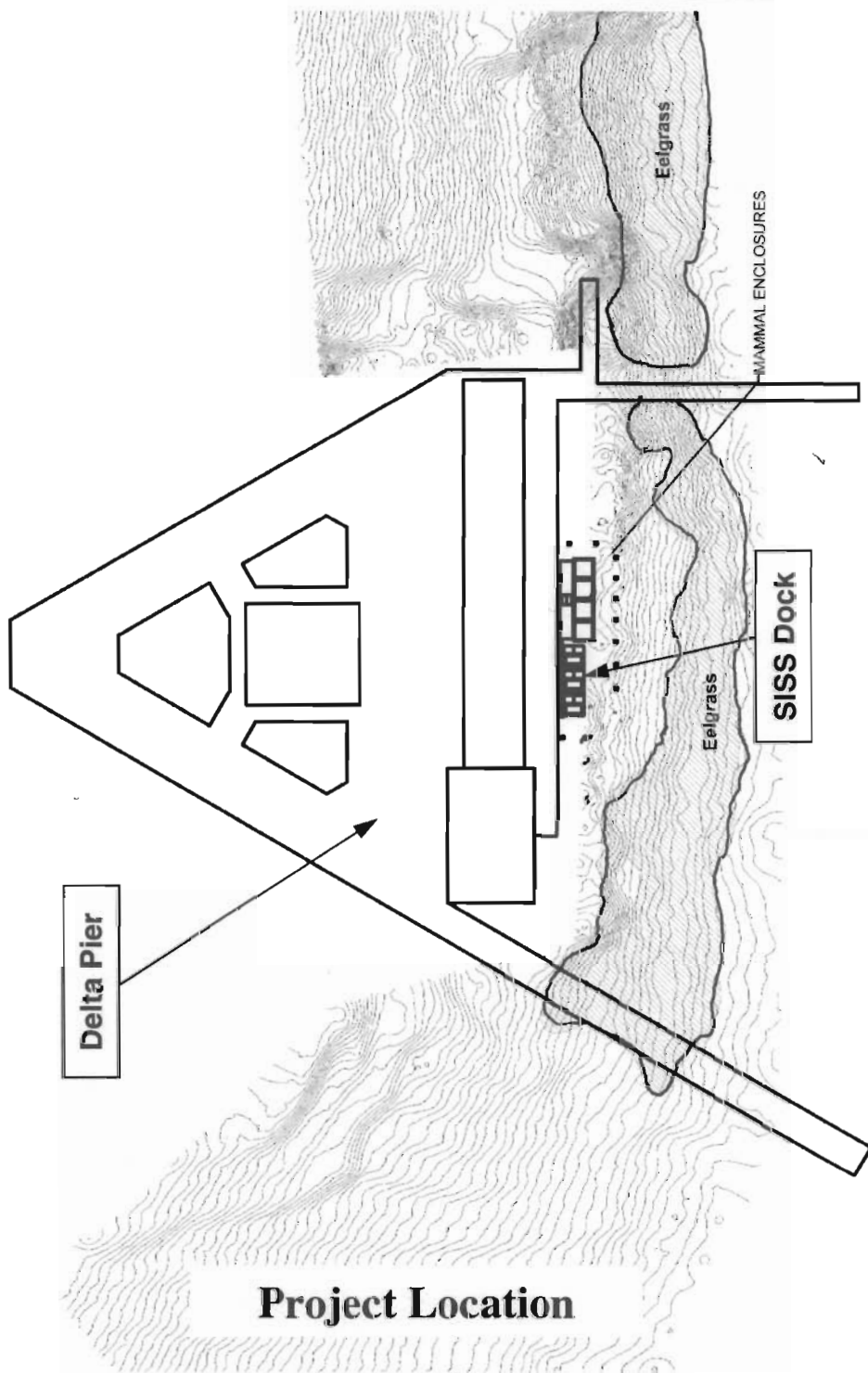
- A. Nature of the existing shoreline. (Describe type of shoreline, such as marine, stream, lake, lagoon, marsh, bog, swamp, flood plain, floodway, delta; type of beach, such as accretion, erosion, high bank, low bank, or dike; material such as sand, gravel, mud, clay, rock, riprap; and extent and type of bulkheading, if any)
- B. In the event that any of the proposed buildings or structures will exceed a height of thirty-five feet above the average grade level, indicate the approximate location of and number of residential units, existing and potential, that will have an obstructed view:
- C. If the application involves a conditional use or variance, set forth in full that portion of the master program which provides that the proposed use may be a conditional use, or, in the case of a variance, from which the variance is being sought:

These Agencies are Equal Opportunity and Affirmative Action employers.  
For special accommodation needs, please contact the appropriate agency in the instructions



**Vicinity Map**

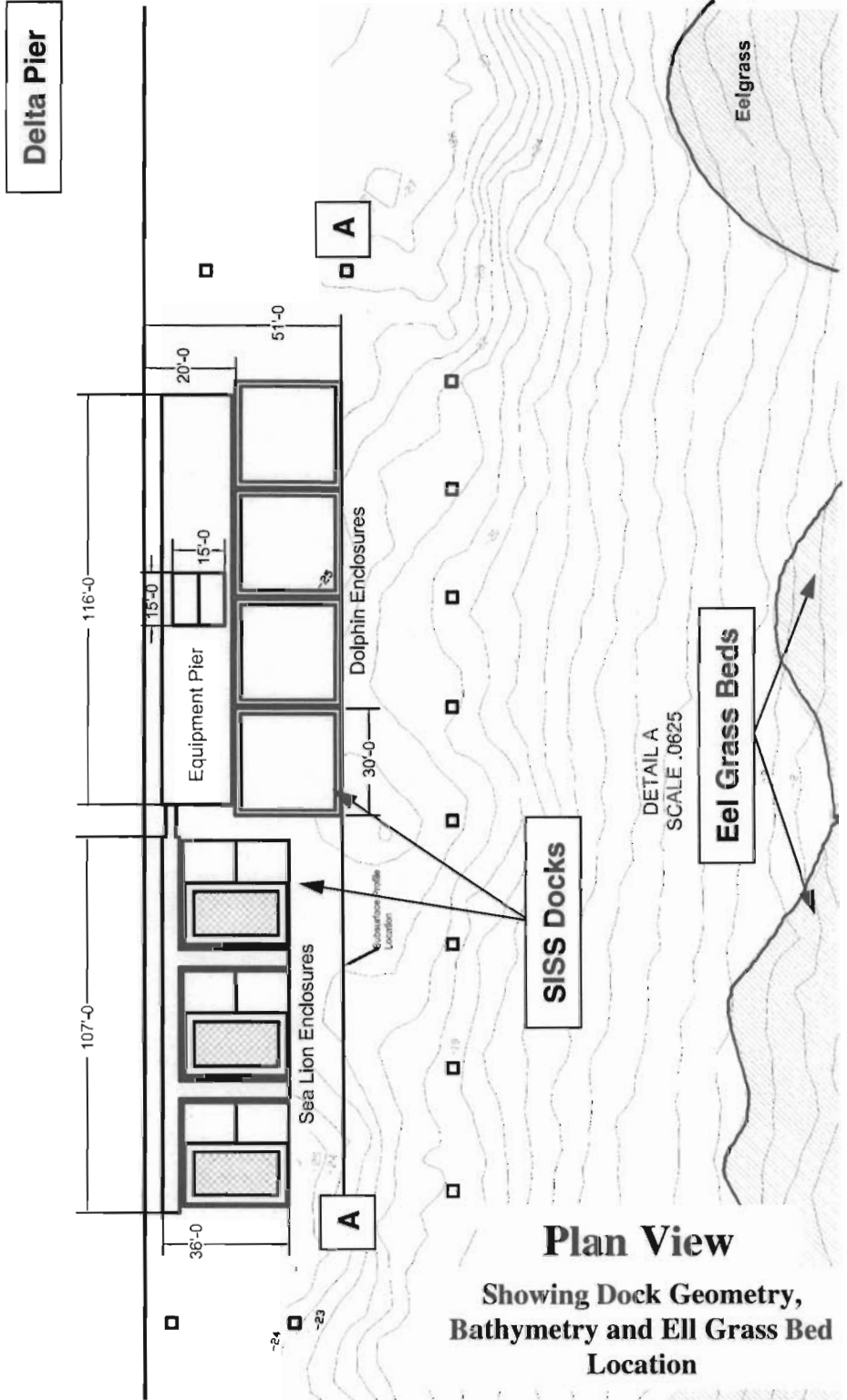
<p><b>PURPOSE:</b> Swimmer Interdiction Security System  <b>DATUM:</b> n/a  <b>ADJACENT PROPERTY OWNERS:</b>          See Block 19.</p>	<p><b>NAME:</b> Naval Base Kitsap  <b>REFERENCE #</b>  <b>UPI :</b> 191388-08-01  <b>SITE ADDRESS:</b>          7400 Escolar Road          Silverdale, WA 98315</p>	<p><b>PROPOSED:</b> Construct floating dock  <b>IN</b> Hood Canal  <b>NEAR:</b> Silverdale  <b>COUNTY:</b> Kitsap <b>STATE:</b> WA  <b>SHEET</b> 1 of 5  <b>DATE:</b> 1 December 2008</p>
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<p><b>PURPOSE:</b> Swimmer Interdiction Security System  <b>DATUM:</b> n/a  <b>ADJACENT PROPERTY OWNERS:</b>          See Block 19.</p>	<p><b>NAME:</b> Naval Base Kitsap  <b>REFERENCE #:</b>  <b>UPI :</b> 191388-08-01  <b>SITE ADDRESS:</b>          7400 Escolar Road          Silverdale, WA 98315</p>	<p><b>PROPOSED:</b> Construct floating dock IN Hood Canal  <b>NEAR:</b> Silverdale  <b>COUNTY:</b> Kitsap <b>STATE:</b> WA  <b>SHEET</b> 2 of 5  <b>DATE:</b> 1 December 2008</p>
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NOTE:

1. Dimensions are in feet



**PURPOSE:** Swimmer Interdiction Security System  
**DATUM:** n/a  
**ADJACENT PROPERTY OWNERS:** See Block 19.

**NAME:** Naval Base Kitsap  
**REFERENCE #:**  
**UPI :** 191388-08-01  
**SITE ADDRESS:** 7400 Escolar Road Silverdale, WA 98315

**PROPOSED:** Construct floating dock IN Hood Canal  
**NEAR:** Silverdale  
**COUNTY:** Kitsap **STATE:** WA  
**SHEET** 3 of 5  
**DATE:** 1 December 2008

Note: Dimensions are in feet and are approximate

Anchor Specs:

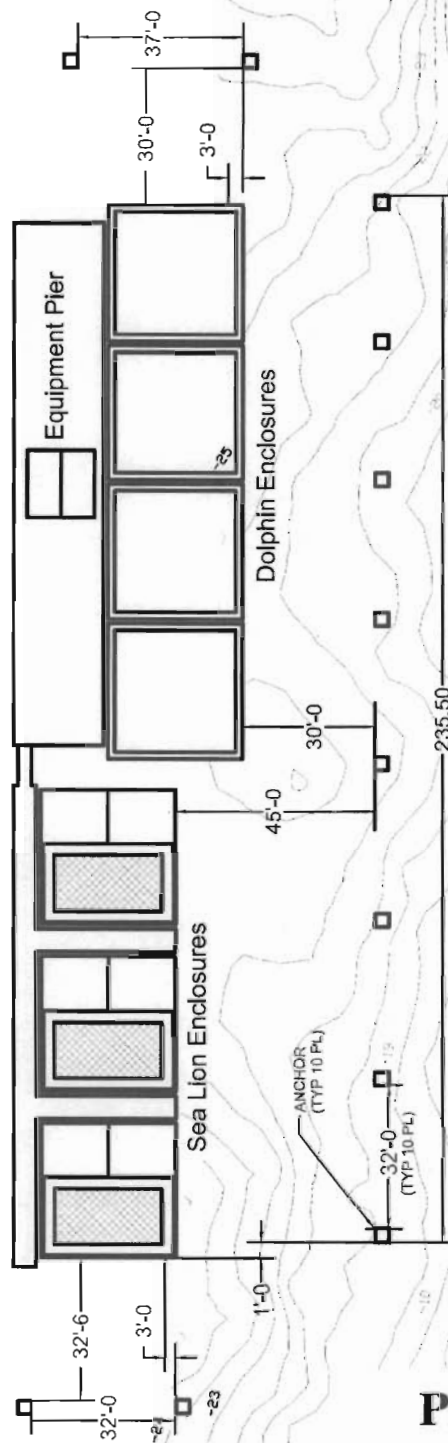
Quantity: 10

Size: 3 ft cube

Material: Concrete

- Anchors will be secured to the mammal enclosures using 3/8" stainless steel chain

- Anchor chain will never sit or drag on the seabed



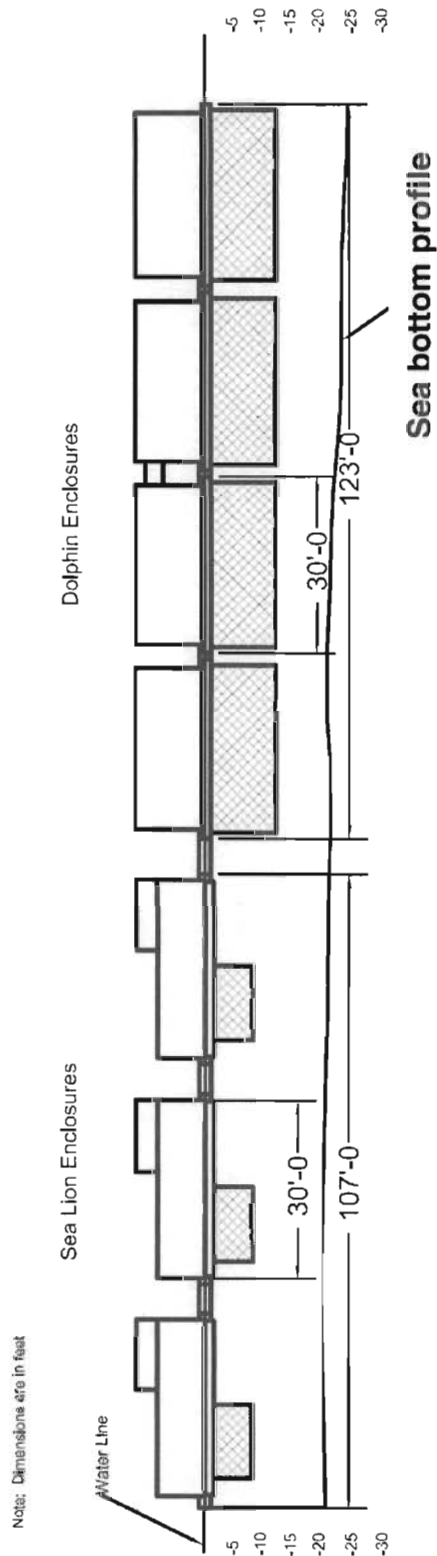
## Plan View

Showing Anchor Location

**PURPOSE:** Swimmer  
Interdiction Security System  
**DATUM:** n/a  
**ADJACENT PROPERTY OWNERS:**  
See Block 19.

**NAME:** Naval Base Kitsap  
**REFERENCE #**  
**UPI :** 191388-08-01  
**SITE ADDRESS:**  
7400 Escolar Road  
Silverdale, WA 98315

**PROPOSED:** Construct floating dock  
**IN** Hood Canal  
**NEAR:** Silverdale  
**COUNTY:** Kitsap **STATE:** WA  
**SHEET** 4 of 5  
**DATE:** 1 December 2008



**Section A-A**  
Showing docks and sea bottom profile

**PURPOSE:** Swimmer Interdiction Security System  
**DATUM:** n/a  
**ADJACENT PROPERTY OWNERS:**  
 See block 19.

**NAME:** Naval Base Kitsap  
**REFERENCE #:**  
**UPI :** 191388-08-01  
**SITE ADDRESS:**  
 7400 Escolar Road  
 Silverdale, WA 98315

**PROPOSED:** Construct floating dock IN Hood Canal  
**NEAR:** Silverdale  
**COUNTY:** Kitsap **STATE:** WA  
**SHEET** 5 of 5  
**DATE:** 1 December 2008

