DEPARTMENT OF ECOLOGY
State of Washington

NOTICE OF MITIGATED DETERMINATION OF NON-SIGNIFICANCE (MDNS)

Project Name: Custom Plywood Mill Site Interim Cleanup Action:
Phase II – In-water Remediation Work

Location: The site is located at 35th and V Avenue in Anacortes, WA. The property is owned by GBH Investments, LLC and includes Tract Nos. 4 to 10. The project area is an irregularly shaped parcel that covers approximately 6.6 acres of upland and 34 acres of intertidal and subtidal areas.

Proponent: The Department of Ecology's Toxics Cleanup Program

Description of Proposal: The proposed action is conducted under an Agreed Order between GHB Investments, LLC and the Department of Ecology. The proposed action is the environmental cleanup of the in-water area of a former industrial facility that is a state cleanup site- the Custom Plywood Mill site. The complete description of the project is provided in the State Environmental Policy Act (SEPA) Checklist. A summary of project elements is below:

- Removal of former in-water structures including pilings, a concrete bulkhead, and an L-shaped pier; debris containing brick, wood, metal, and other materials;
- Excavation/dredging and removal of contaminated sediments and wood waste;
- Creation of a protective in-water features (spit and jetty extension) and habitat enhancements; and
- Connection of the consolidated wetland mitigation area to Fidalgo Bay.

Lead Agency: The lead agency under the State Environmental Policy Act is the Washington State Department of Ecology's Toxics Cleanup Program.

Determination: The Toxics Cleanup Program has determined that the environmental cleanup of the site, in conjunction with mitigation measures, will not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030(2)c. This decision was made after review of a completed SEPA checklist and other supporting documents. This information is available to the public on request and is available for review at:

- The City of Anacortes Library 1220 10th Street Anacortes, WA 98221.
- The library is open: Mon 9 am - 8 pm; Tues –Wed 11 am - 8 pm; Thurs – Fri 11 am - 6 pm; Sat 12 pm - 5 pm; and Sun 1 pm - 5 pm.

The SEPA Checklist and complete MDNS can also be reviewed on Ecology's website:

https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=4533

Comment Period: This MDNS is issued under WAC 197-11-340(2); the lead agency will not act on this proposal for 30 days from the date of publication listed below. Agencies, Tribes, and members of the public are invited to comment on the MDNS. Written comments must be postmarked no later than October 1, 2012 and should be mailed to the Custom Plywood Site Manager:

Hun Seak Park P.E., Site Manager
Washington State Department of Ecology
Toxics Cleanup Program
PO Box 47600
Olympia, WA 98504-7600

Comments may also be submitted to the Department of Ecology by:

(a) E-mail to: Hpar461@ecy.wa.gov or,
(b) Fax to (360) 407-7154

Comments will not otherwise be accepted by telephone or personal conversation.

Signed and dated this 15th day of August, 2012 by Tim Nord, Section Manager, SEPA Responsible Official.

DATE (Effective): August 29th, 2012

SIGNED: _____

Tim Nord, Section Manager
Ecology SEPA Responsible Official

STATE ENVIRONMENTAL POLICY ACT (SEPA) CHECKLIST

A. BACKGROUND

1. Name of proposed project, if applicable:

Custom Plywood Interim Remedial Action – Phase II in-water work

2. Name of applicant:

Washington State Department of Ecology, Toxics Cleanup Program

3. Address and phone number of applicant and contact person:

P.O. Box 47600, Olympia, WA 98504-7600

(360) 407-7189

Hun Seak Park, P.E.

4. Date checklist prepared:

August 15, 2012

5. Agency requesting checklist:

Washington State Department of Ecology

6. Proposed timing or schedule (including phasing, if applicable).

Phase II in-water work is expected to begin in July 2013 and will be completed by February 2014.

7. Do you have any plans for future additions, expansion or further activity related to or connected with this proposal? If yes, explain.

Phase III in-water work is tentatively planned for 2016 and is contingent on funding and the pilot study results of a separate Thin Layer Capping technology. Phase III will consist of thin layer capping

and limited dredging in areas east (waterward) of the proposed phase II work. Phase III will be permitted separately including submission of a separate SEPA checklist.

8. List any environmental information you know about that has been prepared or will be prepared, directly related to this proposal.

- Final Draft Feasibility Study Report Custom Plywood Site prepared by Hart Crowser, September 2011
- Wetland Delineation Former Custom Plywood Site prepared by Geomatrix, August 2006
- Conceptual Wetland Mitigation Plan prepared by Hart Crowser, September 2011
- Custom Plywood Site Remedial Investigation, prepared by AMEC, 2010
- As-Built Verification Report: Wetland Mitigation prepared by Hart Crowser, May 2012
- Archaeological Monitoring and Inadvertent Discovery Plan for the Custom Plywood Interim Remedial Action, Phase II Intertidal and Subtidal Zones prepared by HRA, May 2012
- Shoreline Master Program Exemptions Custom Plywood Interim Remedial Action prepared by Washington State Department of Ecology, Toxics Cleanup Program, March 2011
- Biological Evaluation prepared by Hart Crowser, August 2012
- Phase II – Interim Intertidal and Selected Subtitdal Remedial Action: Cleanup Action Plan and Engineering Design Report prepared by Hart Crowser, August 2012
- Shoreline Wetland Delineation Letter prepared by Hart Crowser, August 2012

9. Do you know whether applications are pending for governmental approval or other proposals directly affecting the property covered by your proposal? If yes, explain.

Joint Aquatic Resource Permit Application (JARPA) and associated permits, U.S. Army Corps of Engineers, dated August 2012

10. List any governmental approvals or permits that will be needed for your proposal, if known:

- JARPA including Section 404, Section 401, Section 10, Aquatic Resources Use Authorization and Hydraulic Project Approval (HPA)
- City of Anacortes Drainage and Grading Permits (including critical areas and SMP exemption)
- Construction Stormwater General Permit

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

The project site is located in Anacortes, Washington along Fidalgo Bay. The main part of the property is an irregularly shaped parcel covering approximately 6.6 acres of upland and 34 acres of intertidal and subtidal areas.

The upland portion of the site was remediated in 2011. An approximately 12,000 square foot (sf) wetland mitigation area was developed in 2011 as part of the Phase I upland remedial activities and was designed to replace wetland areas impacted as a result of remedial actions. Native trees, shrubs, and backshore vegetation were installed in the buffer of the wetland mitigation area. The remaining portion of the site was hydro-seeded with a mix of grasses and herbs. A stormwater bio-swale and conveyance system is located along the southern property boundary and routes treated stormwater from a City of Anacortes conveyance into the consolidated wetland mitigation area. The northwestern portion of the site is a dry boat storage yard.

The shoreline and upper intertidal zone of the property contain industrial debris (bricks, concrete), milling by-products (sawdust and wood cuttings), and significant quantities of wood waste. Active erosion is occurring along the northeast and central portions of the property where storms and long-period waves have locally destabilized the shoreline. The southernmost tip of the property is armored with riprap, which extends off site to the south. A failing bulkhead is located near the northern property boundary. Small estuarine wetlands are present and were observed among industrial debris along the southern portion of the property near the wetland mitigation area and Wetland E.

Nearshore and intertidal areas contain industrial debris and significant quantities of woody debris. Woody debris ranges in size from sawdust to large mill end remnants and logs. The intertidal zone contains an L-shaped pier supported by piles, individual pilings, considerable quantities of wood waste embedded in the substrate, and structural debris from previous buildings. The immediate subtidal portion of the property is a low-slope mudflat that contains large amounts of wood and concrete debris and sawdust, and is partially covered by overwater structures. Deeper in the subtidal zone, extensive eelgrass beds (all *Zostera marina*) are documented on and adjacent to the project area.

The purpose of this project is to complete a remedial action in the in-water portion of the site including:

- Removal of former in-water structures including pilings, a concrete bulkhead, and an L-shaped pier; debris containing brick, wood, metal, and other materials;

- Excavation/dredging[1] and removal of contaminated sediments and wood waste;
- Creation of protective in-water features (spit and jetty extension) and habitat enhancements; and
- Connect the consolidated wetland mitigation area to Fidalgo Bay.

12. Location of the proposal.

The site is located at 35th and V Avenue in Anacortes, WA. The property is owned by GBH Investments, LLC and includes Tract Nos. 4 to 10. A vicinity map and site plans are provided on Figures 1 through 12.

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site: **Flat**, rolling, hilly, steep slopes, mountainous, other…

Long axis of the property runs north to south and is generally flat.

b. What is the steepest slope on the site (approximate percent slope)?

<5%

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

On-site soils consist of historical fill material with gravels, sands, silts, and clean backfill material used during upland (Phase I) remediation actions.

d. Are there surface indicators or history of unstable soils in the immediate vicinity? If so, describe.

[1] All "excavation" will be done in the dry from the land side using land-based equipment and not through the water column. Conversely almost all of the "dredging" will be done through the water column using barge-based equipment. This distinction is due to the different types of field activities which will be evaluated by USFWS and NOAA Fisheries/NMFS.

No.

e. Describe the purpose, type and approximate quantities of filling or grading proposed. Indicate the source of fill.

The following excavation/dredging and backfilling are anticipated below OHW or within wetlands:

- Piling removal: 1,100 individual piles over 1,674 sf (0.04 acres)
- Over-water and in-water structure removal and disposal: 7,000 tons removed over 14,500 sf (0.33 acres)
- Excavation (shoreline/intertidal): 17,133 cy over 77,099 sf (1.77 acres)
- Backfill (shoreline/intertidal): 17,133 cy over 77,099 sf (1.77 acres)
- Dredging (subtidal): 41,831 cy over 232,284 sf (5.33 acres)
- Backfill (subtidal): 41,831 cy over 232,284 sf (5.33 acres)
- Softshore armoring (shoreline/intertidal): 510 cy over 54,450 sf (1.25 acres)
- Jetty Extension (fill): 5,300 cy over 23,000 sf (0.52 acres)
- Jetty Softening (fill): 3,300 cy over 29,500 sf (0.68 acres)
- Protective Spit (fill): 7,000 cy over 39,000 sf (0.90 acres)
- Wetland E (excavation): 310 cy over 1,389 sf (0.03 acres)
- Shoreline wetlands (excavation and backfill with 50-foot shoreline cleanup zone/intertidal area): 429 sf

Excavation within the Shoreline Cleanup Zone (approximately 50 feet waterward of OHW line) will include the removal of approximately 17,100 cy of soil depending on the depth of required excavation.

Backfilling of excavated areas will be completed to restore existing grades and interface with the beach and intertidal zone. A clean fill material will be used for backfilling and will be obtained from a local source to be determined by the Contractor. A layer of habitat mix will be applied over the shoreline cleanup zone to support forage fish spawning habitat. Dunegrass will be planted along the OHW line of the site as backshore vegetation.

f. Could erosion occur as a result of clearing, construction or use? If so, generally describe.

Protective features have been designed for this project to help control and reduce erosion that is currently occurring along the shoreline of the site. During construction, appropriate Best Management Practices (BMPs) will be applied to control the potential for erosion during shoreline modification.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

No changes to existing impervious surfaces are anticipated.

h. Proposed measure to reduce or control erosion, or other impacts to the earth, if any.

Contractors will be required to implement BMPs for erosion/re-suspension control during construction and excavation/dredging work consistent with the Washington State Department of Ecology Stormwater Management Manual for Western Washington. These may include, but are not limited to: work during low tides, covering of stockpiles, maintaining a 150 ft mixing zone, and/or other similar measures.

2. Air

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, and industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

Short-term air emissions are expected to be limited to diesel and gasoline engine emissions from trucks and other heavy equipment being used for excavation, backfilling, grading, and construction. Stockpiled soils will employ dust suppression BMPs including but not limited to covering and wetting. Following cleanup, air emissions would be generated by vehicles using the site and adjacent facilities.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

No. Sources of emissions in the vicinity of the site include refineries, industrial and commercial operations, and vehicular traffic on streets which would not effect the proposed project.

c. Proposed measures to reduce or control emissions or other impacts to air, if any.

BMPs will be implemented by the contractor, as appropriate, to control or reduce emissions including but not limited to keeping temporary gravel paths watered to reduce dust and maintaining all internal combustion equipment to limit emissions.

3. Water

a. Surface:

i. Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

The proposed remediation project is located along Fidaglo Bay.

A consolidated wetland mitigation area was installed in 2011 and is located in the southern portion of the site. Historically, there were five freshwater and estuarine wetlands (Wetlands A, B, C, D, and E) located on the property. Four of these wetlands were impacted as part of the Phase I remediation work. Wetland E remains and is connected to state and federal navigable waters, and the U.S. Army Corps of Engineers has determined that Wetland E is federally regulated. Wetland E will be impacted during the Phase II in-water remediation. The consolidated wetland mitigation area provides concurrent compensation for proposed impacts to Wetland E and will be connected to Fidalgo Bay as part of Phase II work.

ii. Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

Yes, the project includes removal of existing in- and over-water structures, excavation/dredging, backfilling and grading within Fidalgo Bay. The consolidated wetland mitigation area will be connected to Fidalgo Bay during Phase II work (see attached figures).

iii. Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

Excavation/Dredging

- 58,964 cy for shoreline/intertidal excavation and subtidal dredging including shoreline wetlands. This area includes the 50-foot shoreline cleanup zone/intertidal area and subtidal areas that are permanently inundated by tidal waters.
- 310 cy for Wetland E (surface area of 1,389 sf). Wetland E is located in the central portion of the property along the shoreline.

Total: 59,274 cy

Fill

- 58,964 cy for shoreline/intertidal excavation and subtidal dredging
- 5,300 cy for Jetty Extension. An extension of the City of Anacortes jetty located north of the site.
- 3,300 cy for Jetty Softening. Placement of suitable forage fish spawning substrate on southern length of the existing jetty.
- 7,000 cy for Protective Spit. Located in the southern portion of the site adjacent to the wetland mitigation area.
- 510 cy for Softshore armoring (shoreline only). Placement of suitable forage fish spawning substrate along the shoreline of the site.
- 310 cy for Wetland E (surface area of 1,389 sf). Wetland E is located in the central portion of the property along the shoreline.

Total: 75,384 cy

A clean fill material will be used for backfilling and will be obtained from a local source to be determined by the Contractor. Large rock for the jetty extension will be obtained from a local source to be determined by the Contractor.

iv. Will the proposal require surface water withdrawals or diversions? Given general description, purpose and approximate quantities if known.

No.

v. Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

No.

vi. Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

Potential discharges to surface water during the in-water cleanup include leakage of petroleum products (fuels, oil, grease, hydraulic fluids, lubricants) from equipment or discharge of excavated/dredged sediments during construction. The Contractor will implement BMPs to reduce and control potential surface water discharges during construction.

b. Ground

i. Will ground water be withdrawn, or will water be discharged to the ground water? Give general description, purpose, and approximate quantities if known.

The purpose of the project is to remove contaminated sediments from the shoreline and marine environments with no provision for withdrawing or discharging to groundwater on the site. Excavation/dredging of approximately 59,200 cy of material will occur along the shoreline/intertidal area and within subtidal areas of the property.

No groundwater will be withdrawn as dewatering of the open shoreline excavations is not proposed. During excavation/dredging, sediment will be directly loaded into truck for off-site disposal if water drainage is not required or temporarily managed in on-site dewatering cells prior to loading into dump trucks for off-site disposal. All water from excavated material will either be treated or subject to off-site disposal. Excavation will occur during low tide cycles and will only include excavation of a volume that can be backfilled prior to tidal inundation to the extent practicable.

ii. Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: domestic sewage; industrial, containing the following chemicals…; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

Not applicable.

c. Water runoff (including stormwater):

i. Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

Water runoff will be limited to temporary construction gravel pads. These gravel pads will be used to allow construction equipment to access areas of the site where soft sediments are present. The pads will be deconstructed and used as backfill material during excavation/backfill activities along the shoreline. The proposed in-water work will occur during low tide cycles which will allow water runoff from the construction pads to infiltrate into the existing beach and upper intertidal sediments before tidal inundation.

ii. Could waste materials enter ground or surface waters? If so, generally describe.

Although potential exists for soil particulates from construction excavation, or other constituents associated with site remediation to enter groundwater or surface water, such discharges are planned to be managed on site as practicable. Contractor requirements will include providing a

contingency for discharge of surface runoff to Fidalgo Bay, if such an action became necessary. The contractor would monitor and sample such discharges, submit samples for laboratory testing, and report monitoring and testing results in accordance with provisions of the Construction Stormwater General Permit. If stormwater treatment became necessary, the contractor will be required to implement appropriate management and disposal measures. Groundwater with sheen or other indications of free product from existing site soil conditions will be removed for appropriate off-site disposal.

Low potential exists for entry of other waste materials into surface runoff or groundwater. Care will be taken to prevent petroleum products, chemicals, or other toxic materials from entering the water. Contractors will be required to have spill response plans and appropriate materials necessary to contain and clean up an accidental spill at the site.

During dredging activities in permanently inundated area, contaminated sediments and wood waste may enter Fidalgo Bay. BMPs including silt curtains, limitations of dredge grabs, and water quality monitoring, among other BMPs, will be implemented by the Contractor.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any.

BMP measures including work during low tides, installing silt curtains, using water management techniques (dewatering or containment cells, barge dewatering standards), minimizing exposed soils/dredged materials during rainy periods, and other applicable BMPs will be implemented to limit materials that can be mobilized by storm events or construction activities. Care will be taken to prevent petroleum products, chemicals, or other toxic materials from entering the water. Contractors will be required to have spill response plans and appropriate materials necessary to contain and clean up an accidental spill at the site. Construction BMPs will comply with requirements of the Construction Stormwater General Permit and Stormwater Management Manual for Western Washington.

4. Plants

a. Check or circle types of vegetation found on the site:

__X__ deciduous tree: alder **maple**, aspen, other: **cottonwood**

__X__ evergreen tree: **fir**, cedar, pine, other

__X__ shrubs

__X__ grass

____ pasture

____ crop or grain

__X__ wet soil plants: cattail, buttercup, bulrush, skunk cabbage, other: **pickleweed, saltgrass**

__X__ water plants: water lily, **eelgrass**, milfoil, other

____ other types of vegetation:

b. What kind and amount of vegetation will be removed or altered?

The proposed remediation would eliminate small areas of eelgrass to install protective features (spit and jetty extension). An advanced eelgrass mitigation area totaling approximately 2,000 sf of eelgrass habitat will be transplanted in remediated areas that presently do not contain eelgrass. Following remediation, the former areas containing eelgrass will likely naturally recolonize. This advanced planting will help facilitate and enhance the recolonization of these areas to promote rapid recovery of the biology post remediation.

Wetland vegetation (pickleweed and saltgrass) will be salvaged from Wetland E and shoreline wetlands and transplanted in the consolidated wetland mitigation area at the southern end of the site prior to alteration of these areas. Native saltmarsh nursery stock will be installed in this area following transplanting activities, as needed. Dunegrass will be planted along the OHW line following construction as backshore vegetation.

c. List threatened or endangered species known to be on or near the site.

The following species may occur in the vicinity of the project site:

- Puget Sound Chinook salmon (*Oncorhynchus tshawytscha*);
- Puget Sound steelhead trout (*O. mykiss*);
- Coastal-Puget Sound bull trout (*Salvelinus confluentus*);
- Boccacio (*Sebastes paucispinis*);
- Canary rockfish (*S. pinniger*);
- Yelloweye rockfish (*S. ruberrinmus*);
- Pacific eulachon (*Thaleichthys pacificus*).
- Southern resident orca (*Orcinus orca*);

- Marbled murrelet (*Brachyramphus marmoratus*);
- Stellar sea lion (*Eumetopias jubatus*);
- Humpback whale (*Megaptera novaeangliae*);
- Leatherback turtle (*Dermochelys coriacea*);
- Loggerhead sea turtle (*Caretta caretta*);
- Green sea turtle (*Chelonia mydas*); and
- Olive Ridley sea turtle (*Lepidochelys olivacea*).

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any.

The consolidated wetland mitigation area contains a variety of native vegetation including Douglas fir, shore pine, black cottonwood, big-leaf maple, oceanspray, vine maple, red elderberry, Nootka rose, red-flowering currant, snowberry, thimbleberry, salal, Douglas hawthorne, dunegrass, coastal strawberry, and kinnikinnick.

Proposed wetland vegetation will include pickleweed, saltgrass, and seacoast bulrush. Proposed backshore vegetation will include dunegrass.

5. Animals

a. Circle any birds or animals which have been observed on or near the site or are known to be on or near the site:

birds: **hawk, heron, eagle, songbirds, gulls, common loon, cormorant, osprey, great blue heron**

mammals: deer, bear, elk, beaver, other: **mink**

fish: **salmon**, **bull trout**, **crab, forage fish**

b. List any threatened or endangered species known to be on or near the site.

Federally listed or threatened species likely to occur in the vicinity of the site include Chinook salmon, steelhead, bull trout, Pacific eulachon, marbled murrelet, Southern Resident orca, Stellar sea lion, humpback whale, and leatherback sea turtle.

c. Is the site part of a migration corridor? If so, explain.

Salmonids use Fidalgo Bay as an anadromous fish migratory route for the Samish, Skagit and other river systems. The Puget Sound area is part of the Pacific flyway. Birds that inhabit the area vary seasonally due to migration. Fidalgo Bay provides over-wintering areas for grebes and other migratory waterfowl.

d. Proposed measures to preserve or enhance wildlife, if any.

The wetland restoration area, vegetated buffer, and backshore plantings will enhance upland and nearshore habitat beyond what is presently available.

6. Energy and Natural Resources

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

Both electrical and fossil fuels will be required to complete remediation of the site.

b. Would your project affect the potential use of solar energy by adjacent property? If so, generally describe.

No.

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any.

None are proposed.

7. Environmental Health

a. Are there any environmental health hazards, including exposures to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

Potential discharges to surface waters during cleanup include accidental spills or leakage of petroleum products from construction equipment used during the project. The Contractor will be required to prepare a health and safety plan for work in areas where contaminated soils/dredged materials may be encountered.

i. Describe special emergency services that might be required.

None are anticipated.

ii. Proposed measures to reduce or control environmental health hazards, if any.

- Air monitoring of sulfide and dust;
- Water quality monitoring for turbidity;
- Health and Safety Plans (HASPs);
- Spill Control Plan;
- BMPs; and
- HAZMAT handling training and equipment.

b. Noise

i. What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

Existing noise will not affect the project.

ii. What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

Short-term construction noise will occur associated with a variety of construction equipment and activities including truck engines, excavators, backhoes, barges, and other heavy equipment. Construction noise will be limited to daytime work hours as allowable by the city of Anacortes (Monday through Saturday, 8 a.m. to 8 p.m.).

iii. Proposed measures to reduce or control noise impacts, if any.

Construction activities will be implemented in a manner consistent with the City of Anacortes municipal code and state environmental noise standards.

8. Land and Shoreline Use

a. What is the current use of the site and adjacent properties?

The property is currently used as a boat storage yard. Adjacent properties include industrial and commercial uses. Residential land use exists to the west of the site. The Tommy Thompson Trail, a non-motorized recreation trail, is located adjacent to the site.

b. Has the site been used for agriculture? If so, describe.

No.

c. Describe any structures on the site.

The remnants of former structures (piles, bulkhead, L-shaped pier) and construction debris (brick, wood, metal, wood waste) are located along the shoreline of the property.

d. Will any structures be demolished? If so, what.

All structures will be removed including piles, north bulkhead, other monolithic concrete structures, and the L-shaped pier (central).

e. What is the current zoning classification of the site?

Industrial.

f. What is the current comprehensive plan designation of the site?

Industrial.

g. If applicable, what is the current shoreline master program designation of the site?

Urban Maritime.

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

Yes, on-site wetlands. Wetland E and shoreline wetlands currently exist. The consolidated wetland mitigation area, which will be connected to Fidalgo Bay and planted with native saltmarsh vegetation during Phase II, will provide mitigation for the remaining on-site wetlands.

i. Approximately how many people would reside or work in the completed project?

Current use of the site is expected to remain unchanged following project completion.

j. Approximately how many people would the completed project displace?

Not applicable.

k. Proposed measures to avoid or reduce displacement impacts, if any.

Not applicable.

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any.

The proposed cleanup is consistent with the goals of the City of Anacortes Comprehensive Plan. Completion of the in-water remediation, proposed public access, and completion of wetland restoration activities will provide significant improvements along the shoreline of Fidalgo Bay.

9. Housing

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

Not applicable.

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

Not applicable.

c. Proposed measures to reduce or control housing impacts, if any.

Not applicable.

10. Aesthetics

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

No structures are proposed.

b. What views in the immediate vicinity would be altered or obstructed?

Views in the immediate vicinity will be temporarily altered during the remedial action by construction equipment, staging areas and stockpiled materials. Existing and degraded structures will be removed and improve views following project completion.

c. Proposed measures to reduce or control aesthetic impacts, if any.

Not applicable.

11. Light and Glare

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

Existing street lighting in the vicinity of the site will remain unchanged.

b. Could light or glare from the finished project be a safety hazard or interfere with views?

Not applicable.

c. What existing off-site sources of light or glare may affect your proposal?

None.

d. Proposed measures to reduce or control light and glare impacts, if any.

Not applicable.

12. Recreation

a. What designated and informal recreational opportunities are in the immediate vicinity?

The Tommy Thompson Trail, a non-motorized recreational trail, and a small picnic and viewing area (Rotary Park) are located along the southwestern property boundary.

b. Would the proposed project displace any existing recreational uses? If so, describe.

No. The proposed project will enhance public access. Details are being developed for the public access element of this project, to be implemented in a future phase of the project.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any.

The proposed project will enhance public access.

13. Historic and cultural preservation

a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

No.

b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

There are no known historic places or objects located on the site.

To avoid affecting potential prehistoric and historic resources, Historical Research Associates, Inc. (HRA) has prepared an Archaeological Monitoring and Inadvertent Discovery Plan for the Custom Plywood Interim Remedial Action, Phase II Intertidal and Subtidal Zones.

c. Proposed measures to reduce or control impacts, if any.

HRA has prepared an Archaeological Monitoring and Inadvertent Discovery Plan for the Custom Plywood Interim Remedial Action, Phase II Intertidal and Subtidal Zones.

14. Transportation

a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.

V Place is located on the western property boundary. This street will serve as the main access route during construction activities for Phase II.

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

The site is served by Skagit Transit along R Avenue by Route 410.

c. How many parking spaces would the completed project have? How many would the project eliminate?

Existing parking will remain unchanged following project completion.

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

Existing parking and site access will remain unchanged following project completion.

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

Yes. The project area is located on Fidalgo Bay. Barges and land-based equipment will be used for work that cannot be completed from the shoreline during low tide cycles.

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

Excavated materials and backfill will be transported to and from the site in single or double dump trucks. It is expected that during project construction, 15 to 20 truck trips per day will be generated over the work period. In addition, construction workers would likely generate up to 30 trips per day and up to 15 peak hour trips.

Materials for the Jetty Extension will be transported via barge. Based on a typical capacity, approximately 5 to 10 barge trips will be needed over the course of Phase II.

g. Proposed measures to reduce or control transportation impacts, if any:

None.

15. Public services

a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

No.

b. Proposed measures to reduce or control direct impacts on public services, if any.

Not applicable.

16. Utilities

a. Circle utilities currently available at the site: **electricity,** natural gas, **water, refuse service, telephone, sanitary sewer**, septic system, other.

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

Utility services to the site are not expected to change following project completion.

Remediation and construction activities will be coordinated with the appropriate utility providers including Puget Sound Energy (electricity), GTE (telephone), and the City of Anacortes (water, sewer, refuse).

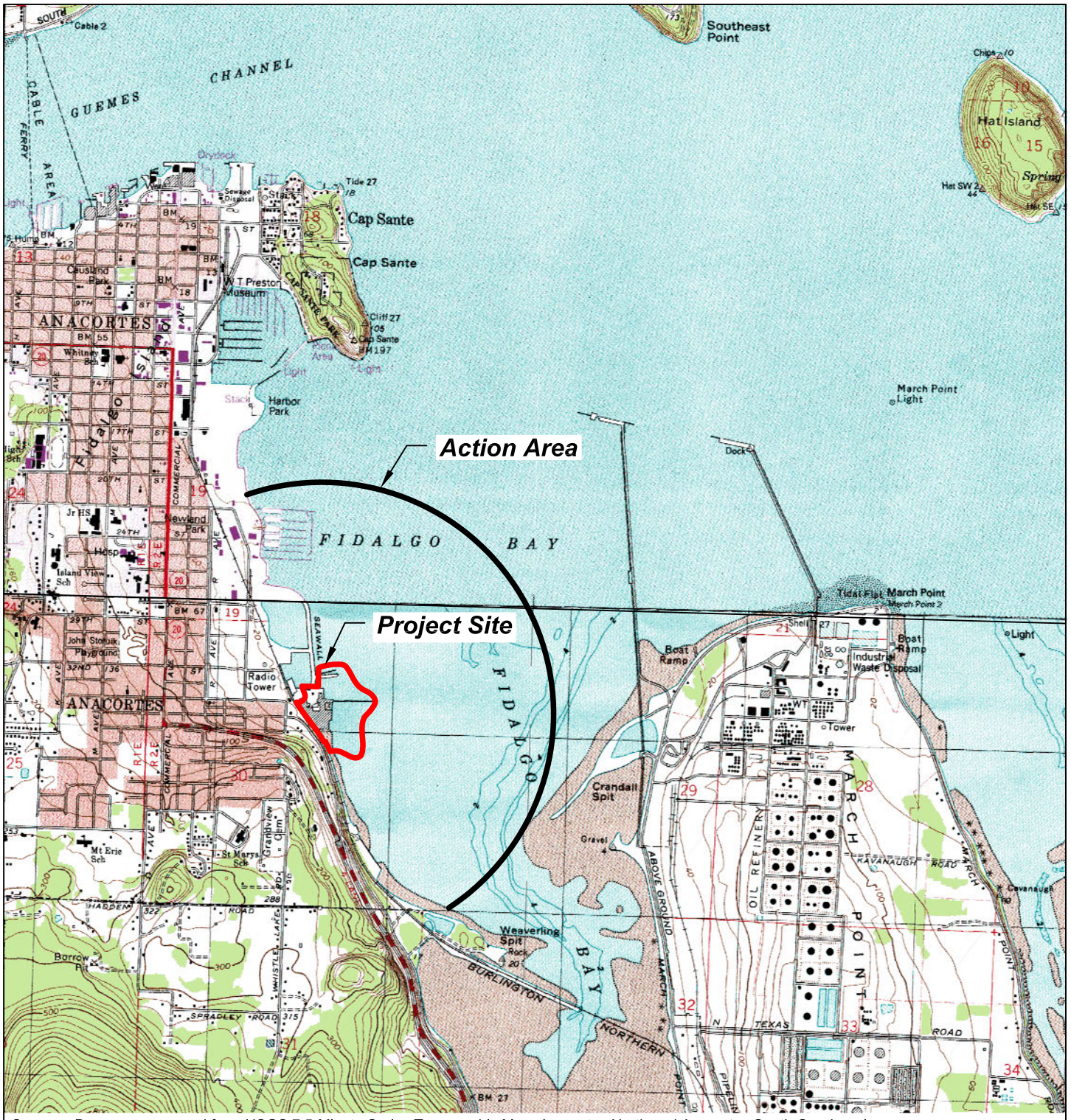
C. Signature

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

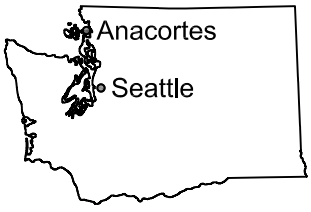
Signature: Hun Seak Park

Hun Seak Park, Site Manger

Date Submitted: August 15, 2012



Source: Base map prepared from USGS 7.5-Minute Series Topographic Map, Anacortes North and Anacortes South Quadrangles.



0 0.5 1
Scale in Miles

0 0.5 1
Scale in Kilometers

N

Custom Plywood Site
Anacortes, Washington

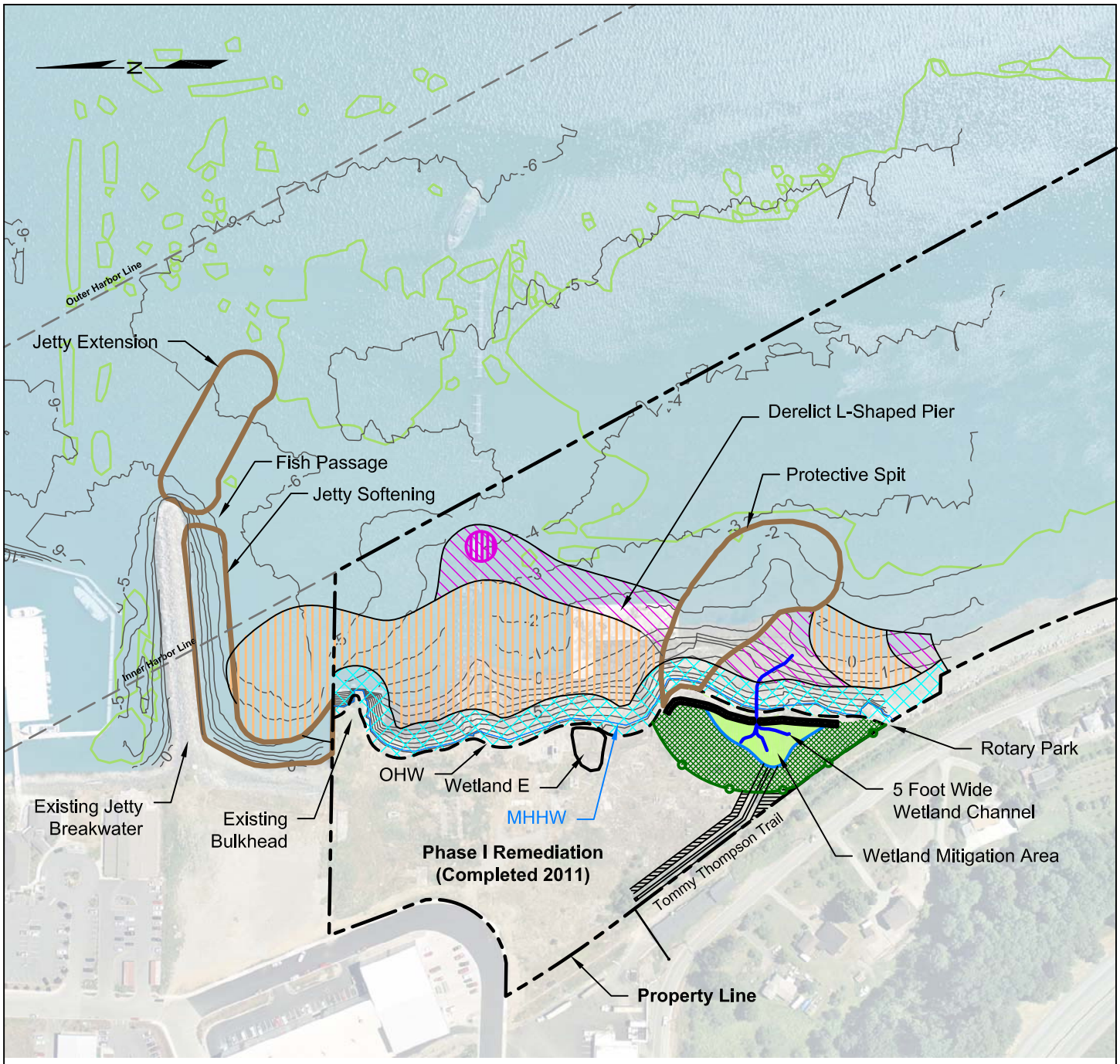
Vicinity Map

17800-27 5/12

HARTCROWSER

Figure
1

EAL 05/2/12 1780027-002.dwg



Excavate/dredge to contact with native sediment where dioxin TEC > 25 ppt

Excavate up to 6 feet below surface grade where dioxin and wood waste are present

Dredge wood waste up to 2 feet below surface grade where wood waste > 1-foot thick

Eelgrass Advanced Mitigation Area

Remediation Protection and Habitat Improvement Features

Approximate Extent of Eelgrass Beds

Note: Seaward of MHHW elevations in feet (MLLW).

Source: Aerial photo courtesy of City of Anacortes, 2003.

0 250 500

Scale in Feet

Custom Plywood Site
Anacortes, Washington

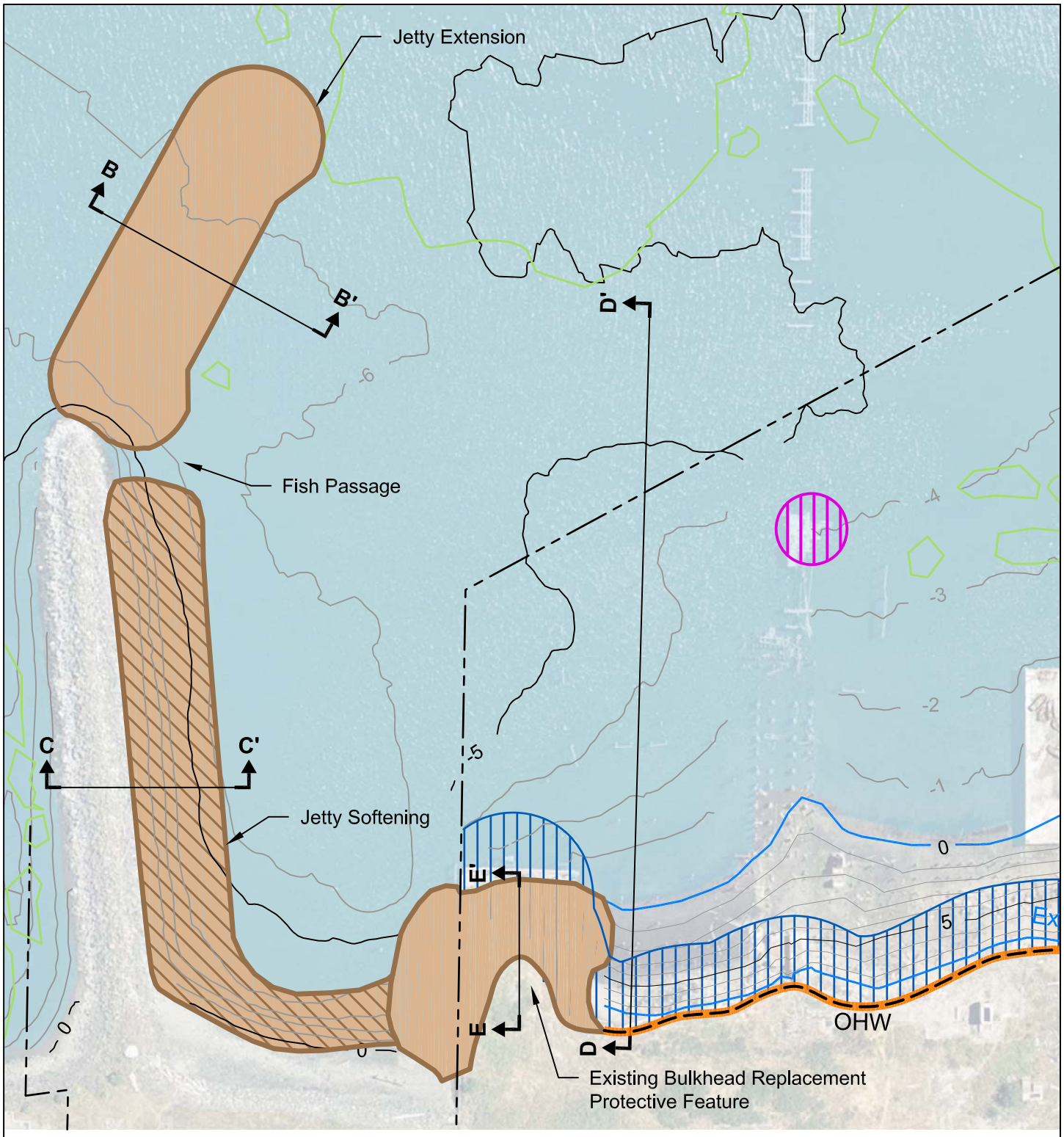
In-Water Pre-Construction Condition and Planned Remedial Actions

17800-27 8/12

HARTCROWSER

Figure **2**

EAL 08/8/12 1780027-016.dwg



Eelgrass Advanced Mitigation Area

Approximate Extent of Eelgrass Beds

Dunegrass Planting Area

Bank Stabilization/Softshore Armoring

N

0 100 200

Scale in Feet

Custom Plywood Site
Anacortes, Washington

Post-Construction Remediation Condition (North)

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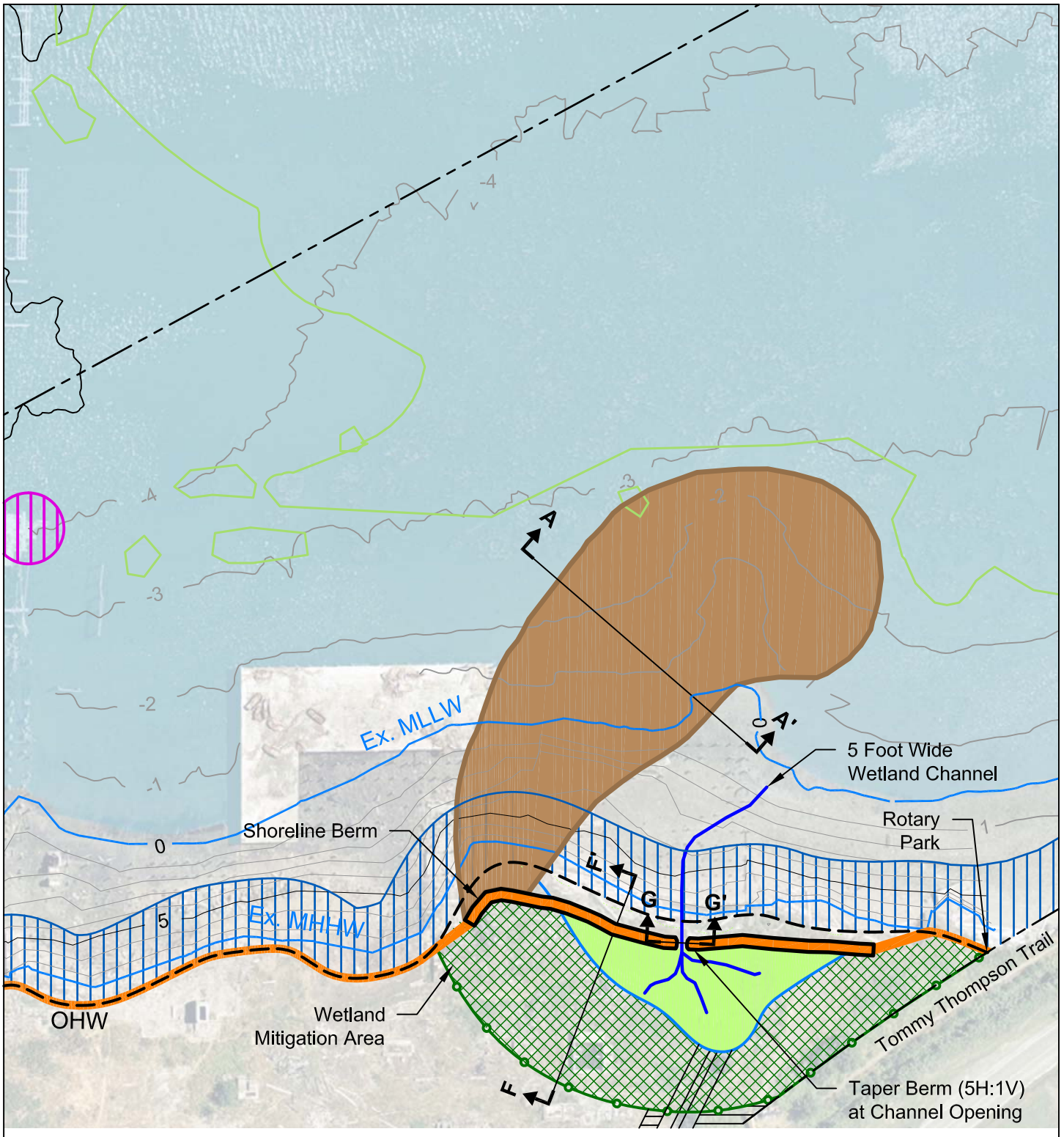
HARTCROWSER

Figure 3

EAL 07/31/12 1780027-006.dwg



Eelgrass Advanced Mitigation Area

Approximate Extent of Eelgrass Beds

Dunegrass Planting Area

Bank Stabilization/Softshore Armoring

Z

0 100 200

Scale in Feet

Custom Plywood Site
Anacortes, Washington

Post-Construction Remediation Condition (South)

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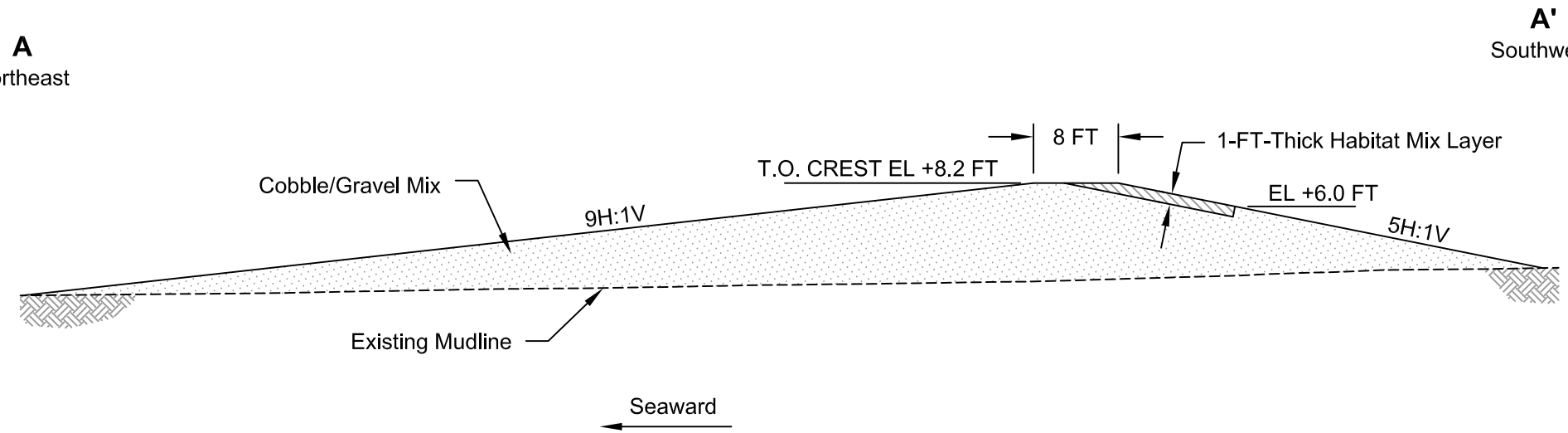
HARTCROWSER

Figure 4

EAL 08/7/12 1780027-006.dwg

EAL 05/1/12 1780027-004.dwg



Note: Elevation datum is mean lower low water (MLLW)

0 15 30
Scale in Feet

Custom Plywood Site
Anacortes, Washington

Protective Spit Cross Section A-A'

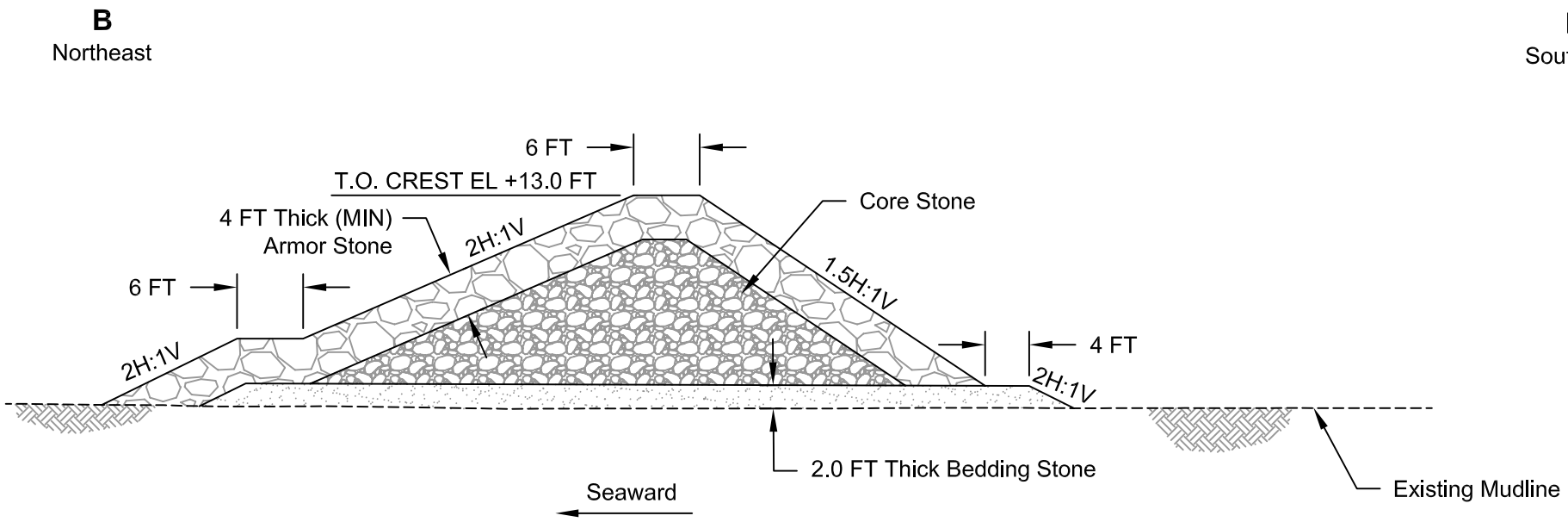
17800-27

5/12

Figure
5

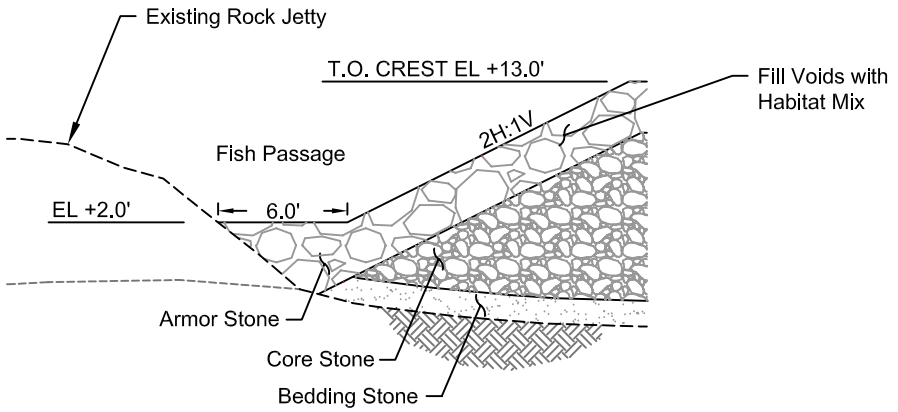
HART CROWSER

EAL 08/3/12 1780027-005.dwg



Note: Elevation datum is mean lower low water (MLLW)

Jetty Extension Section



Fish Passage Section

0 15 30
Scale in Feet

Custom Plywood Site
Anacortes, Washington

Jetty Extension Cross Section B-B'

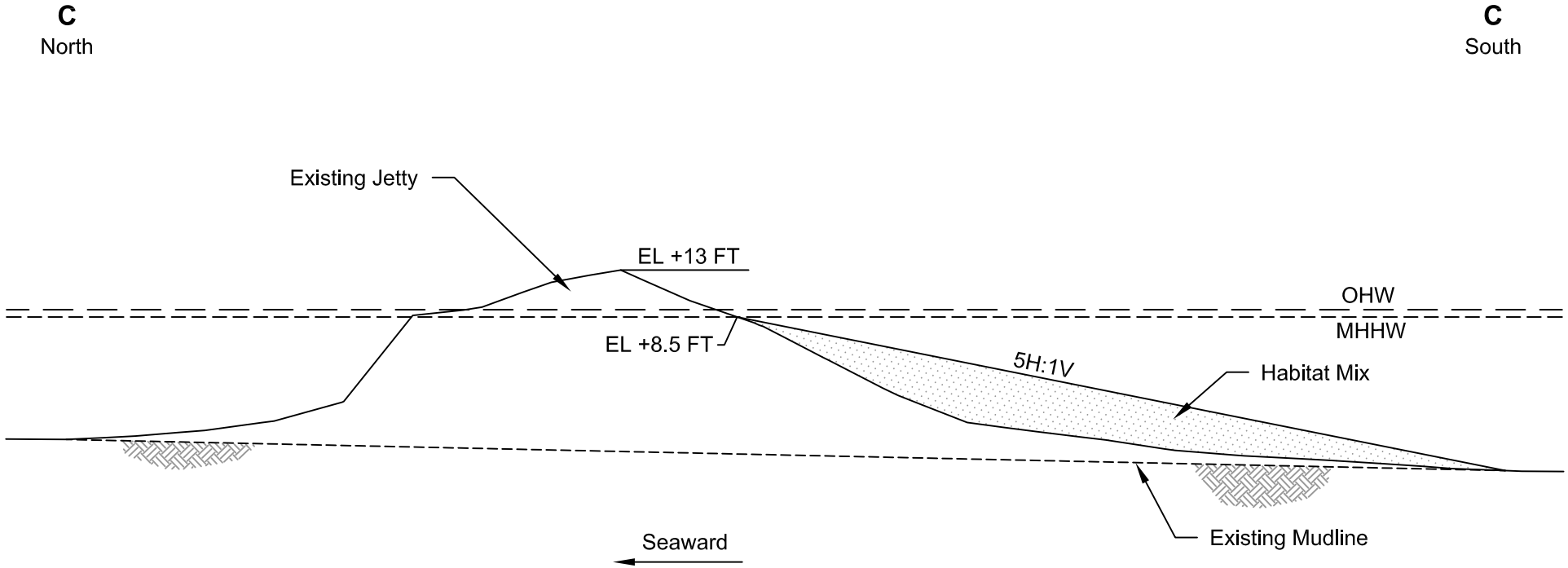
17800-27

8/12

Figure
6

HARTCROWSER

EAL 05/18/12 1780027-011.dwg



Note: Elevation datum is mean lower low water (MLLW)

0 15 30

Scale in Feet

Custom Plywood Site
Anacortes, Washington

Jetty Softening Cross Section C-C'

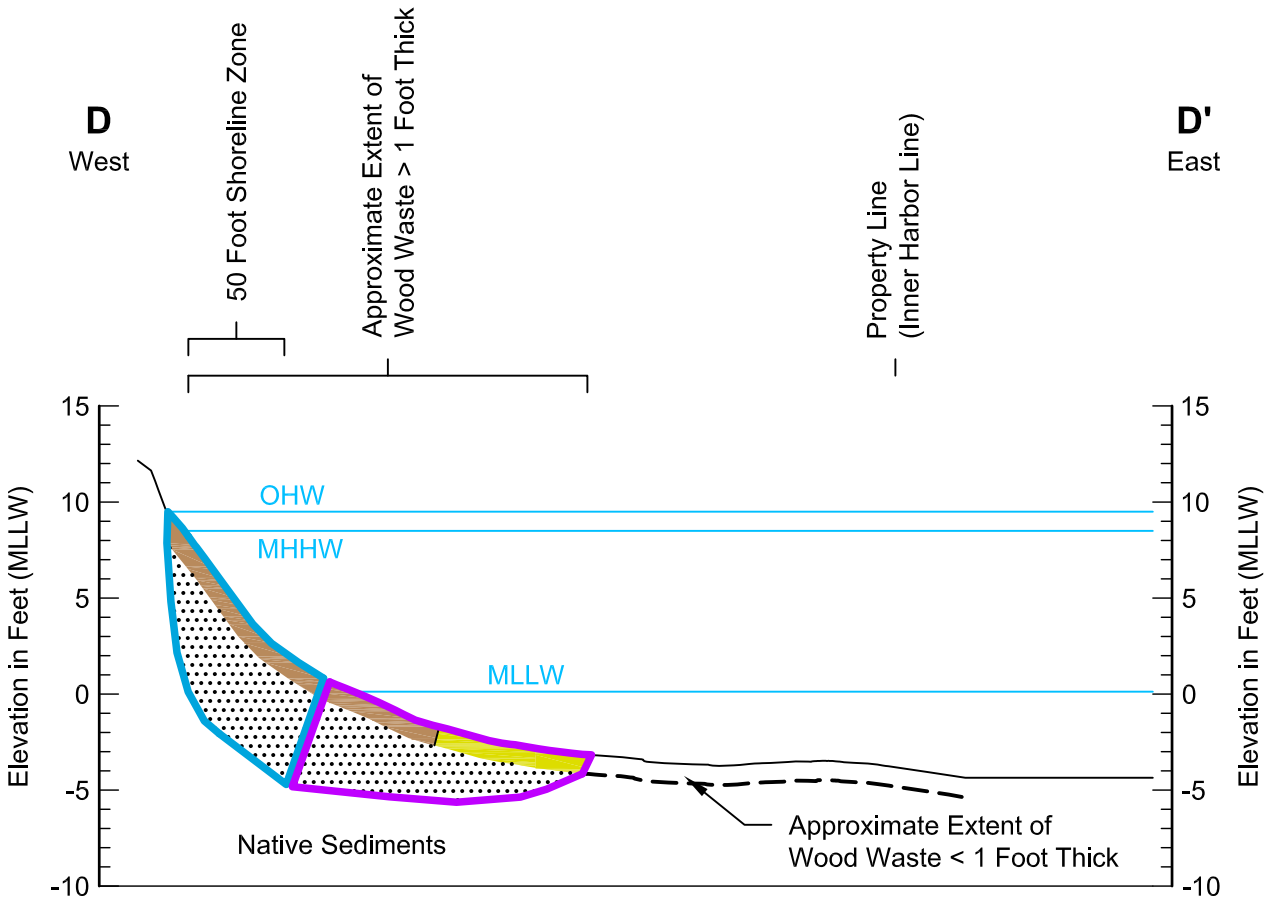
17800-27

5/12

Figure

7

HART CROWSER



Excavate wood waste up to 6 feet below surface grade where dioxin and wood waste are present

Dredge wood waste up to 2 feet below surface grade where wood waste > 1-foot thick

Excavation Backfill/Capping Materials

Gravelly Sand Over Quarry Spalls*

3-Inch Minus Gravel Surface Soft Armor

1-Inch Minus Sandy Gravel Soft Armor

* Reused ballast from temporary roads and crane pads.

MHHW Mean Higher High Water

MLLW Mean Lower Low Water

OHW Ordinary High Water

Horizontal Scale in Feet
0 100 200
0 10 20
Vertical Scale in Feet
Vertical Exaggeration x 10

Custom Plywood Site
Anacortes, Washington

Shoreline Profile Cross Section D-D'

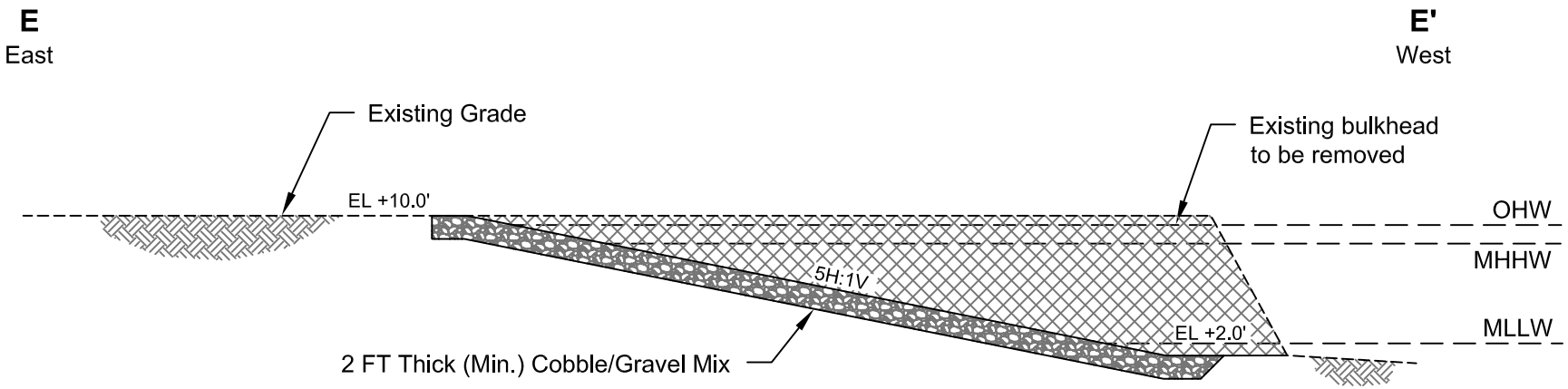
17800-27 8/12

HARTCROWSER

Figure
8

EAL 08/7/12 1780027-009.dwg

EAL 05/17/12 1780027-012.dwg



Note: Elevation datum is mean lower low water (MLLW)

0 15 30

Scale in Feet

Custom Plywood Site
Anacortes, Washington

Existing Bulkhead Replacement
Protective Feature Cross Section E-E'

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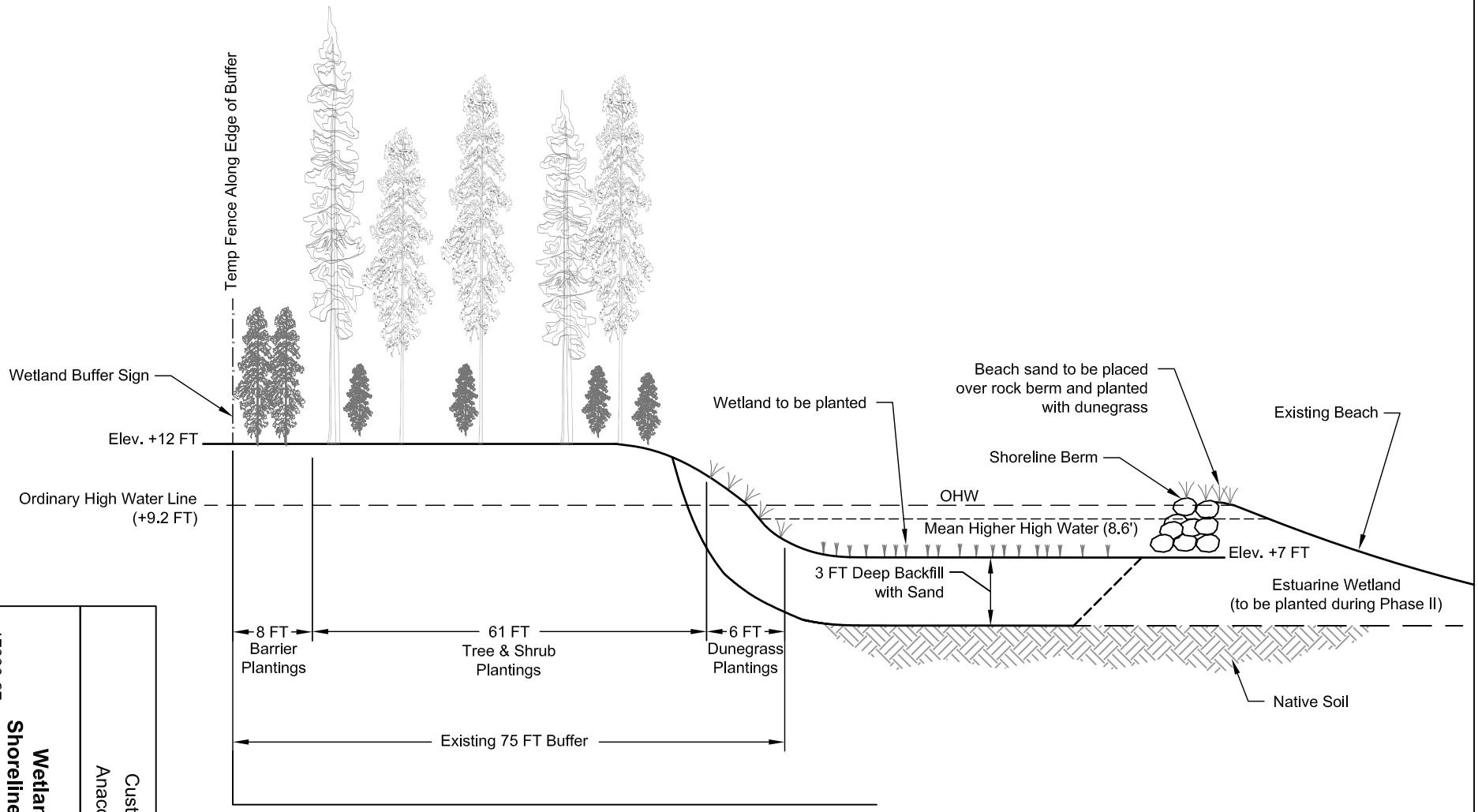
HARTCROWSER

Figure
9

EAL 05/31/12 1780027-010.dwg



Note: Elevation datum is mean lower low water (MLLW)

0 20 40

Scale in Feet

Custom Plywood Site
Anacortes, Washington

Wetland Mitigation and Shoreline Cross Section F-F'

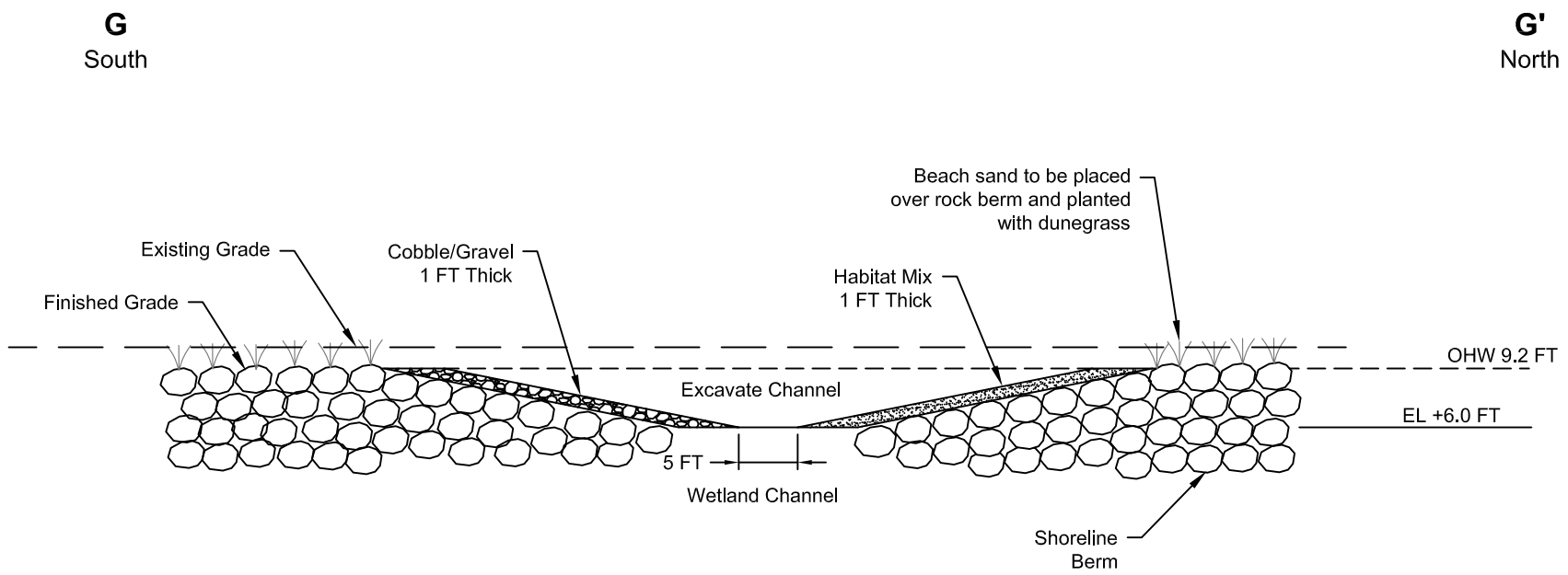
17330-27

5/12

Figure **10**

HARTCROWSER

EAL 05/30/12 1780027-013.dwg



Note: Elevation datum is mean lower low water (MLLW)

0 15 30

Scale in Feet

Wetland Channel Cross Section G-G'

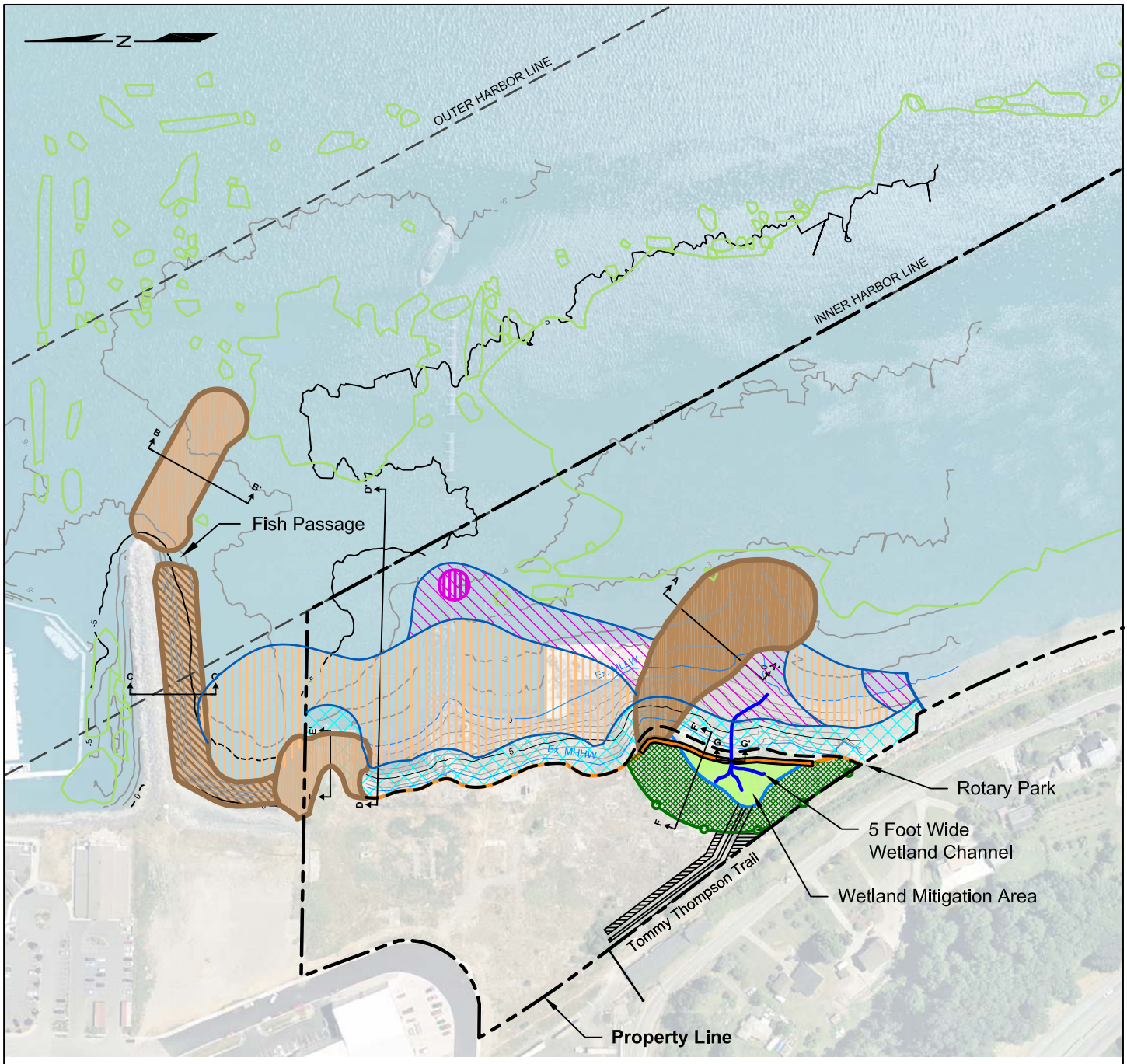
17800-27

5/12

Custom Plywood Site
Anacortes, Washington

HART CROWSER

Figure 11



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Eelgrass Advanced Mitigation Area

Remediation Protection and Habitat Improvement Features

Approximate Extent of Eelgrass Beds

Note: Seaward of MHHW elevations in feet (MLLW).

Source: Aerial photo courtesy of City of Anacortes, 2003.

0 250 500

Scale in Feet

Custom Plywood Site
Anacortes, Washington

Phase II Post-Remediation Condition

17800-27 8/12

HARTCROWSER

Figure
12

EAL 08/7/12 1780027-017.dwg