



US Army Corps  
of Engineers  
Seattle District

# Public Notice of Application for Permit

**US Army Corps of Engineers**  
Regulatory Branch  
4735 E Marginal Way S, Bldg  
1202  
Seattle, WA 98134-2388  
Telephone: (206) 316-3094  
ATTN: Mae Ancheta,  
Project Manager

**Public Notice Date: April 7, 2023**  
**Expiration Date: May 7, 2023**

**Reference No.: NWS-2022-337**  
**Name: Marysville, City of (Geddes  
Marina Phase 2 Remediation)**

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Interested parties are hereby notified that an application has been received for a Department of the Army permit in accordance with Section 10 of the Rivers and Harbors Act of 1899, for certain work described below and shown on the enclosed drawings dated February 2023. The Corps will also review the work in accordance with Section 404 of the Clean Water Act (CWA).

**APPLICANT:** City of Marysville  
Attention: Steven Miller  
80 Columbia Avenue  
Marysville, Washington 98270  
Telephone: (360) 651-5099

**AGENT:** Parametrix  
Attention: Benn Burke  
719 2<sup>nd</sup> Avenue, Suite 200  
Seattle, Washington 98104  
Telephone: (206) 394-3693

**LOCATION:** The project site is located within the former Geddes Marina property along Ebey Slough (Puget Sound waters) at Marysville, Snohomish County, Washington; in Section 33, Township 30 North, Range 05 East; Latitude 48.04815° N, Longitude -122.17994° W. The site consists of four tax parcels (Snohomish County tax parcels 30053300202700, 30053300203100, 30053300202500, and 30053300202900) situated within Water Resource Inventory Area (WRIA) 7 – Snohomish River. The project location is depicted on Page 1 of the enclosed drawings.

**WORK:** The project proposes to conduct Phase 2 of remedial actions within the former Geddes Marina site by filling the contaminated former basin. Remediation involves capping impacted sediment within the former boat basin and outlet channel to an elevation above the ordinary high-water mark (OHWM) of the basin with imported clean fill material. A stabilizing layer consisting of a geogrid will be placed on top of the existing contaminated sediment to allow for construction and to reduce uneven settling and consolidation of the proposed cap material. Approximately 5 to 8 feet of clean, imported fill and a 1-foot-thick stabilization layer made of a geotextile liner and rock will be used to cap impacted sediments to bring the final grade above the OHWM. The depth of fill varies based on existing surface elevations. The

cap will be placed to uniform elevation of 10 feet. Additional fill material will be placed to extend the fill to the top of the existing top of bank of the former boat basin to be even with the remaining site.

Impact quantities are as follows:

- Up to 0.090 of an acre of Wetland B (Category II estuarine fringe) would be permanently impacted to remove debris, recontour and restore shoreline, and construct a backwater channel.
- Up to 0.055 of an acre of Wetland B would be permanently impacted to remove debris, fill marina boat basin outlet channel, and recontour and restore the shoreline.
- Up to 1.884 acres acre of Wetland C (Category II estuarine fringe) would be permanently impacted to fill the former marina basin.
- Up to 0.09 of an acre of Ebey Slough would be permanently impacted by discharging 600 cubic yards of fill for the conveyance channel and shoreline restoration. Up to 0.12 acre of Ebey Slough would be temporarily impacted.
- Up to 1.995 acres of Geddes Marina Basin and Ebey Slough would be permanently impacted by excavating 900 cubic yards and discharging 16,000 cubic yards of fill to fill the former marina boat basin and outlet marina.

Filling the marina boat basin and outlet channel and recontouring the shoreline will involve up to 16,000 cubic yards of fill. In addition, up to 1,300 cubic yards of new streambank aggregate (sand and gravel) will be placed as part of the conveyance channel construction and shoreline restoration area. All imported fill material would be clean material from existing City stockpiles or from approved commercial sources.

Excavation will be via a land or barge-based excavator. Up to 300 cubic yards of sediment, existing fill, rubble and debris, derelict concrete foundations, and native streambank would be excavated and removed from below the existing ordinary high water line to remove existing shoreline armoring, recontour and restore the shoreline, and construct the stormwater conveyance channel. No more than 900 cubic yards of sediment will be excavated with the existing boat basin (Wetland C) to construct the new conveyance channel. All excavated material would be disposed of at an upland facility approved to accept the specific materials.

In addition, the project proposes to construct a conveyance pipeline, energy dissipation structure, and conveyance channel to re-route stormwater from the City of Marysville's downtown stormwater treatment facility on the northern portion of the site. The conveyance channel would be constructed along the western portion of the site and would discharge to Ebey Slough. A maintenance access route to the conveyance channel energy dissipation structure and new maintenance holes will be constructed from First Street that will parallel the new conveyance pipeline and channel.

**PURPOSE:** The project or activity is not authorized through a Model Toxics Control Act (MTCA) order or a Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) order. However, a remedial investigation and feasibility study (RI/FS) was conducted and multiple chemical groups exceeding cleanup levels were identified in the sediment of the former marina basin. The purpose of the project is to provide remediation and restore ecological functions.

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.

The wetland boundaries and location of the ordinary high water mark shown on the project drawings have not yet been verified by the U.S. Army Corps of Engineers (Corps). If the Corps determines the boundaries of the wetland/waters are substantially inaccurate a new public notice may be published.

**MITIGATION:** The project proposes to restore temporarily disturbed areas and conduct non-compensatory onsite buffer restoration. To mitigate for direct and permanent impacts to wetland and aquatic habitat, the project proposes to purchase credits from the City of Marysville's Qwuloolt Advanced Wetland Mitigation site. The Corps is currently evaluating their mitigation proposal.

**ENDANGERED SPECIES:** The Endangered Species Act (ESA) requires federal agencies to consult with the National Marine Fisheries Service (NMFS) and/or U.S. Fish and Wildlife Service (USFWS) pursuant to Section 7 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. After receipt of comments from this public notice, the U.S. Army Corps of Engineers will evaluate the potential impacts to proposed and/or listed species and their designated critical habitat.

**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).

If the U.S. Army Corps of Engineers (Corps) determines that the proposed action may adversely affect EFH for federally managed fisheries in Washington waters, the Corps will initiate EFH consultation with the NMFS. The Corps' final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

**CULTURAL RESOURCES:** The Corps has reviewed the latest published version of the National Register of Historic Places, Washington Information System for Architectural and Archaeological Records Data and other sources of information. A historic properties investigation has been conducted within the permit area. No historic properties determined eligible for or listed on the National Register of Historic Places were found to exist within the permit area. The Corps invites responses to this public notice from Native American Nations or tribal governments; Federal, State, and local agencies; historical and archeological societies; and other parties likely to have knowledge of or concerns regarding historic properties and sites of religious and cultural significance at or near the project area. After receipt of comments from this public notice, the Corps will evaluate potential impacts and consult with the State Historic Preservation Officer and Native American Nations in accordance with Section 106 of the National Historic Preservation Act, 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:** 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

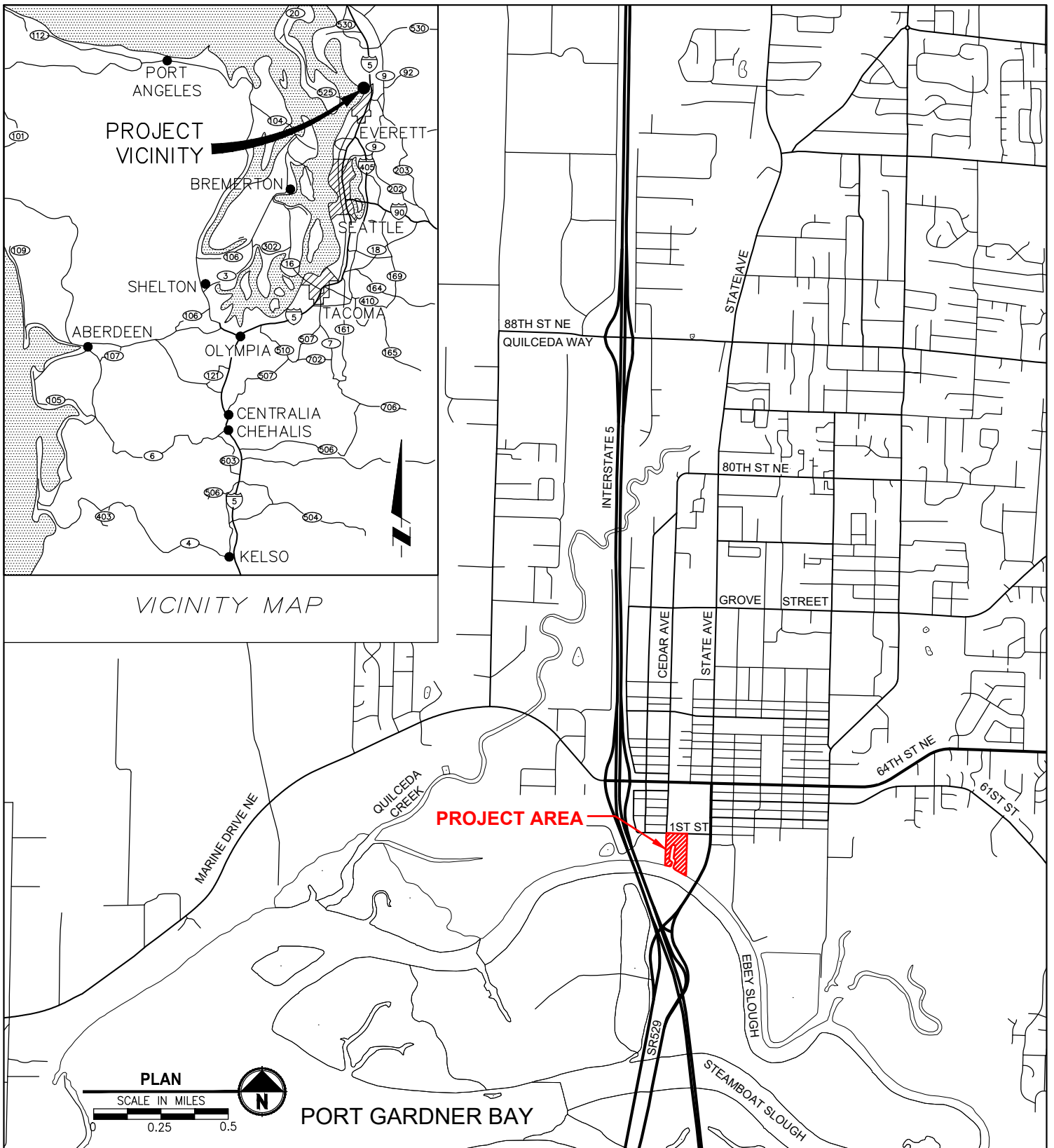
environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. The Washington Department of Ecology has or will evaluate the proposed project in accordance with Section 401 of the Clean Water Act and for consistency with the Coastal Zone Management Act.

The U.S. Army Corps of Engineers is soliciting comments from the public; Native American Nations or tribal governments; Federal, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. 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.

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 authorizing the work would not be contrary to the public interest. 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. All e-mail comments should be sent to [mae.p.ancheta@usace.army.mil](mailto:mae.p.ancheta@usace.army.mil). Conventional mail comments should be sent U.S. Army Corps of Engineers, Regulatory Branch, 4735 E. Marginal Way S, Bldg 1202, Seattle, Washington, 98134-2388. Either conventional mail or e-mail comments must include the permit applicant's name and reference number, as shown below, and the commenter's name, address, and phone number. 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. 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. Please include the following name and reference number:

City of Marysville, NWS-2022-337

Encl: Figures (11)

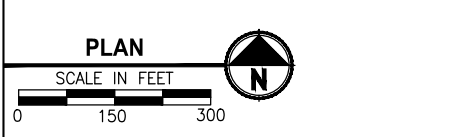


**FIGURE 1. PROJECT VICINITY**

<p>REFERENCE: TBD</p> <p>APPLICANT: CITY OF MARYSVILLE</p> <p><b>DATUM:</b> VERT: NAVD 88 HORIZ: NAD 83/91 WA NORTH</p> <p>ADJACENT PROPERTY OWNERS: SEE FIGURE 2</p>	<p><b>GEDDES MARINA PHASE 2 REMEDATION PROJECT</b></p> <p>LOCATION: 1326 FIRST STREET MARYSVILLE, SNOHOMISH, WA</p> <p>LAT/LONG: 48.04815°N / -122.17994°W</p> <p>PAGE 1 OF 11 DATE: FEBRUARY 2023</p>	<p>PROPOSED PROJECT: CONTAMINATED SEDIMENT REMEDIATION OF FORMER MARINA BASIN.</p> <p>IN: EBEBY SLOUGH (PUGET SOUND) NEAR/AT: MARYSVILLE COUNTY: SNOHOMISH STATE: WA</p>
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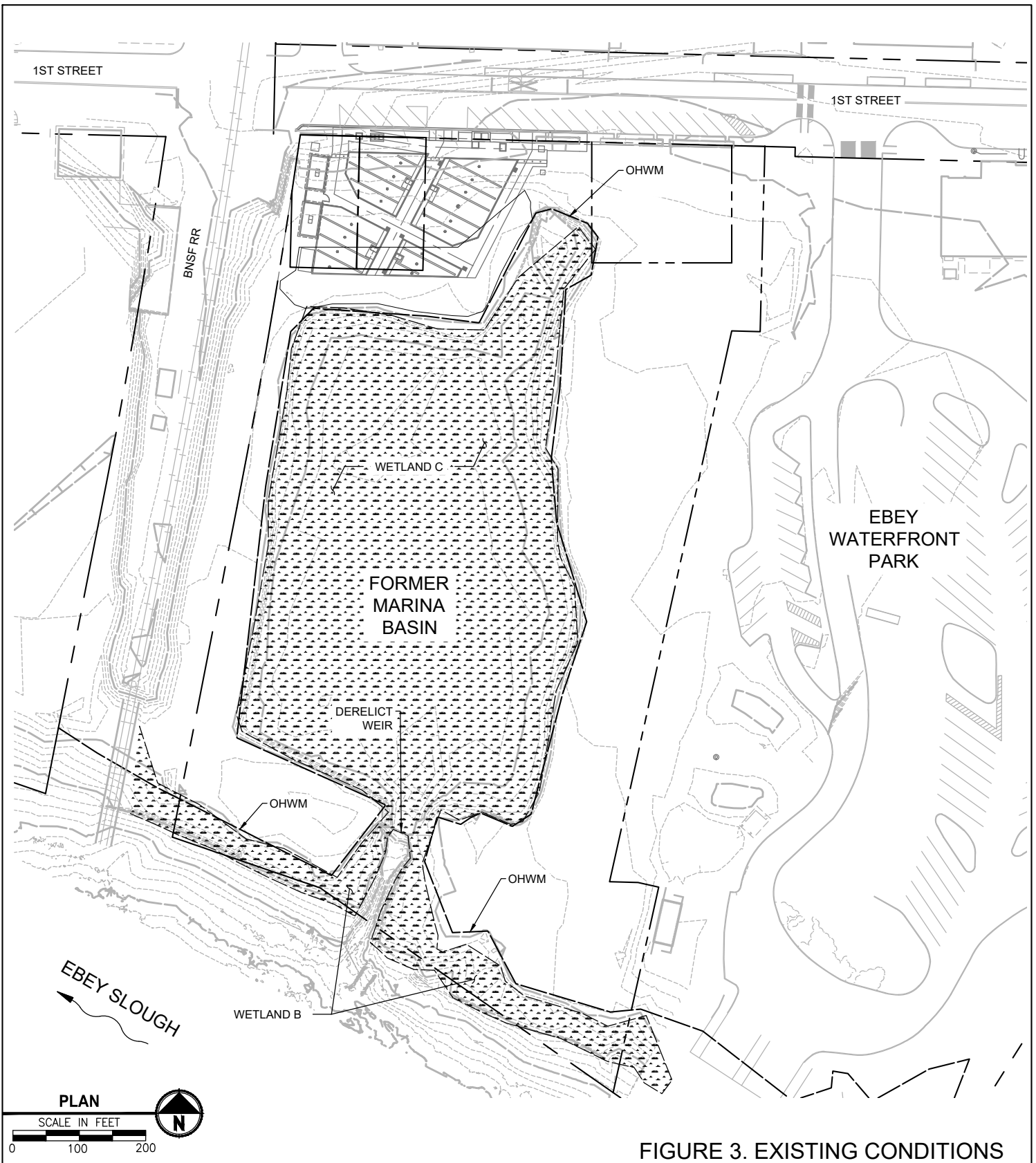
# ADJACENT PROPERTIES

OWNER	PARCEL #
MGP IX PROPERTIES LLC	00528700300400
BNSF RAILWAY	ROW



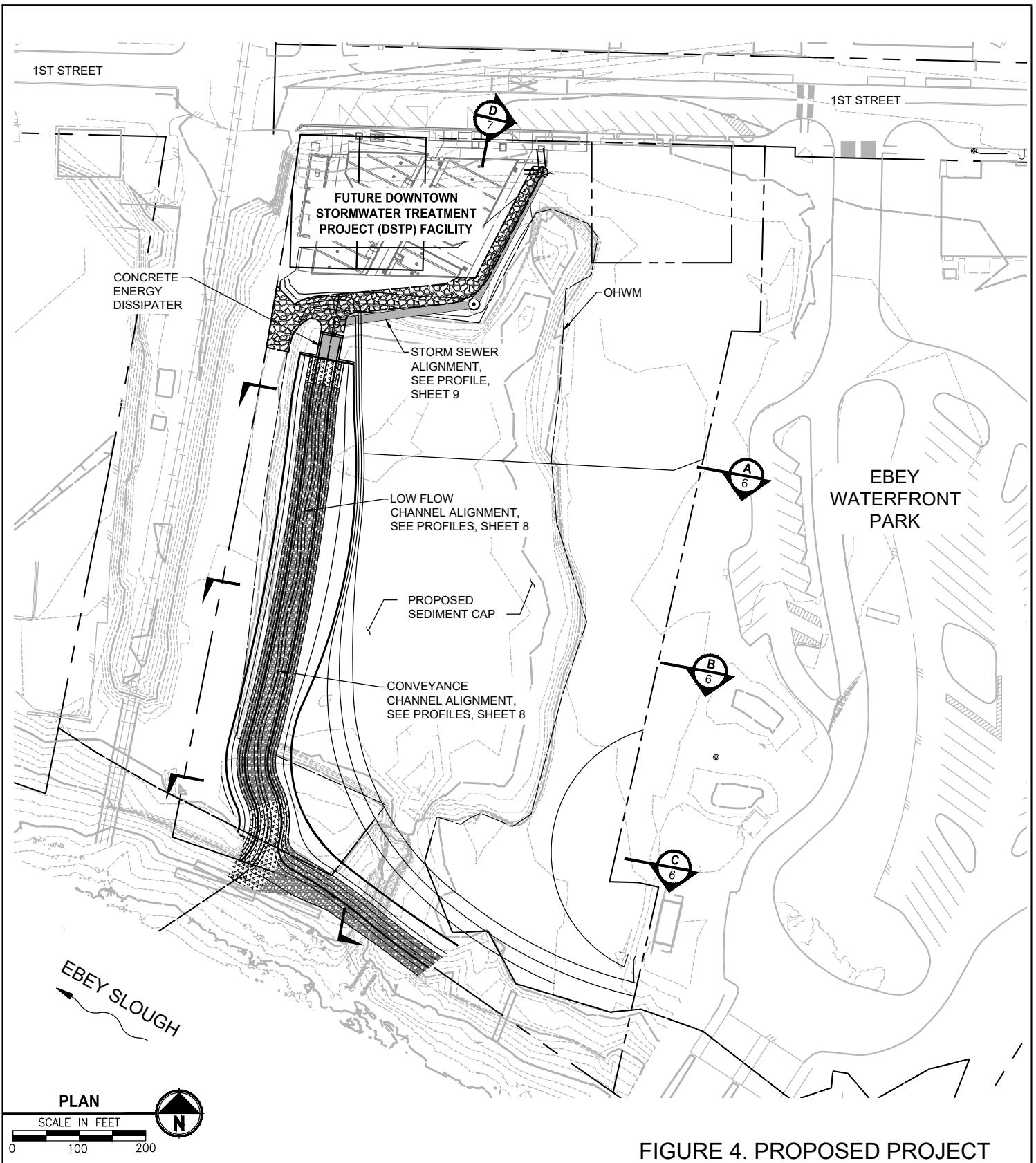
**FIGURE 2. OVERVIEW & ADJACENT PROPERTY OWNERS**

<p>REFERENCE: TBD</p> <p>APPLICANT: CITY OF MARYSVILLE</p> <p><b>DATUM:</b> VERT: NAVD 88 HORIZ: NAD 83/91 WA NORTH</p> <p>ADJACENT PROPERTY OWNERS: SEE FIGURE 2</p>	<p>GEDDES MARINA PHASE 2 REMEDATION PROJECT</p> <p>LOCATION: 1326 FIRST STREET MARYSVILLE, SNOHOMISH, WA</p> <p>LAT/LONG: 48.04815°N / -122.17994°W</p> <p>PAGE 2 OF 11 DATE: FEBRUARY 2023</p>	<p>PROPOSED PROJECT: CONTAMINATED SEDIMENT REMEDIATION OF FORMER MARINA BASIN.</p> <p>IN: EBHEY SLOUGH (PUGET SOUND) NEAR/AT: MARYSVILLE COUNTY: SNOHOMISH STATE: WA</p>
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**FIGURE 3. EXISTING CONDITIONS**

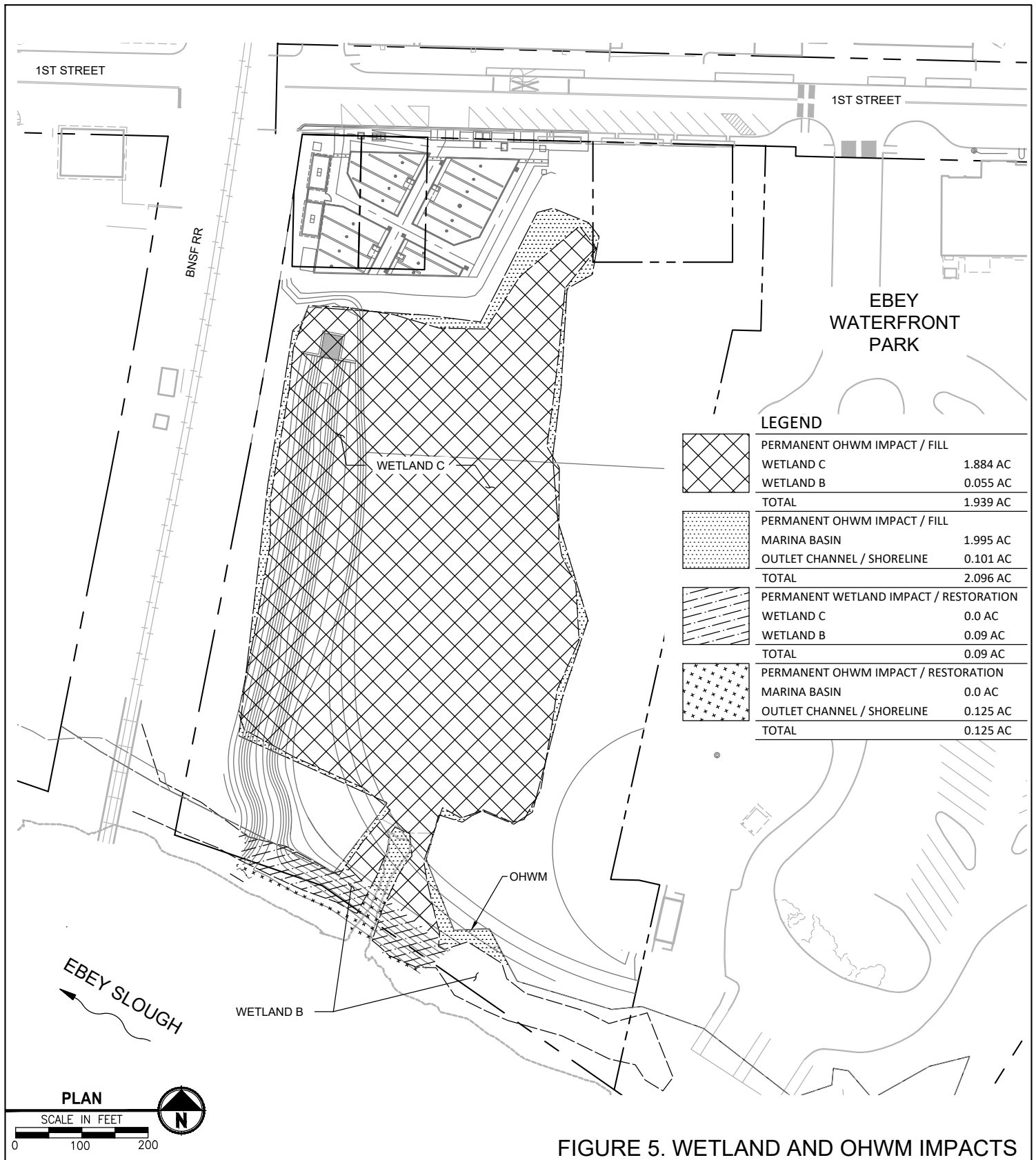
<p>REFERENCE: TBD</p> <p>APPLICANT: CITY OF MARYSVILLE</p> <p><b>DATUM:</b> VERT: NAVD 88 HORIZ: NAD 83/91 WA NORTH</p> <p>ADJACENT PROPERTY OWNERS: SEE FIGURE 2</p>	<p><b>GEDDES MARINA PHASE 2 REMEDIATION PROJECT</b></p> <p>LOCATION: 1326 FIRST STREET MARYSVILLE, SNOHOMISH, WA</p> <p>LAT/LONG: 48.04815°N / -122.17994°W</p> <p>PAGE 3 OF 11 DATE: FEBRUARY 2023</p>	<p>PROPOSED PROJECT: CONTAMINATED SEDIMENT REMEDIATION OF FORMER MARINA BASIN.</p> <p>IN: EBEY SLOUGH (PUGET SOUND) NEAR/AT: MARYSVILLE COUNTY: SNOHOMISH STATE: WA</p>
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**FIGURE 4. PROPOSED PROJECT**

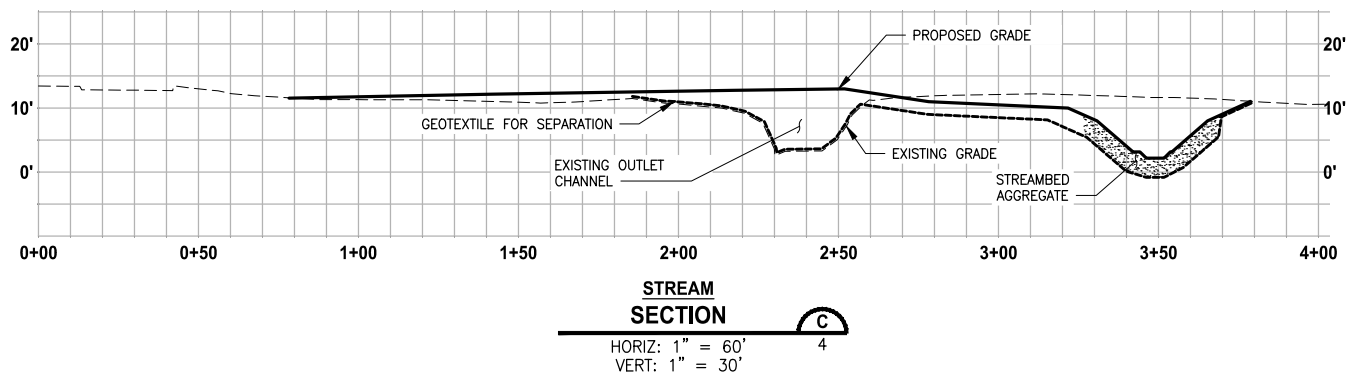
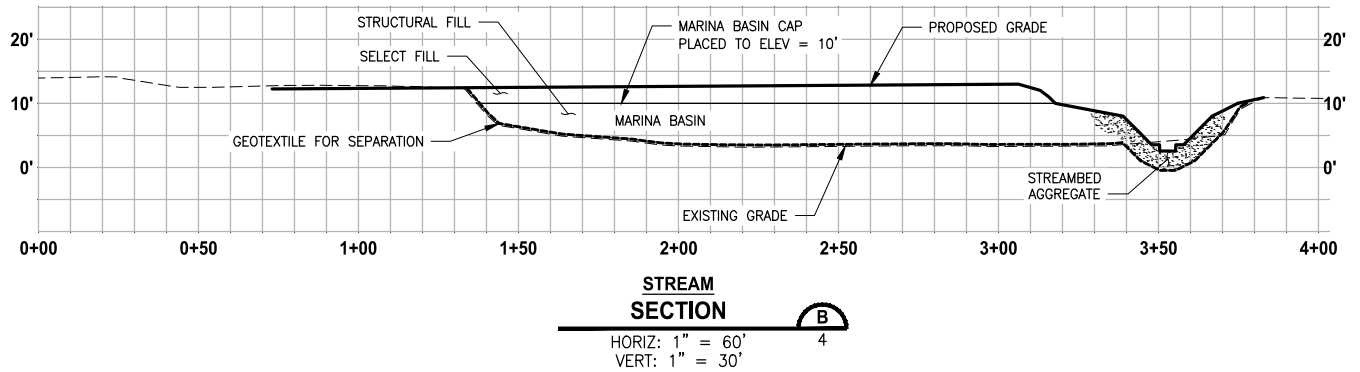
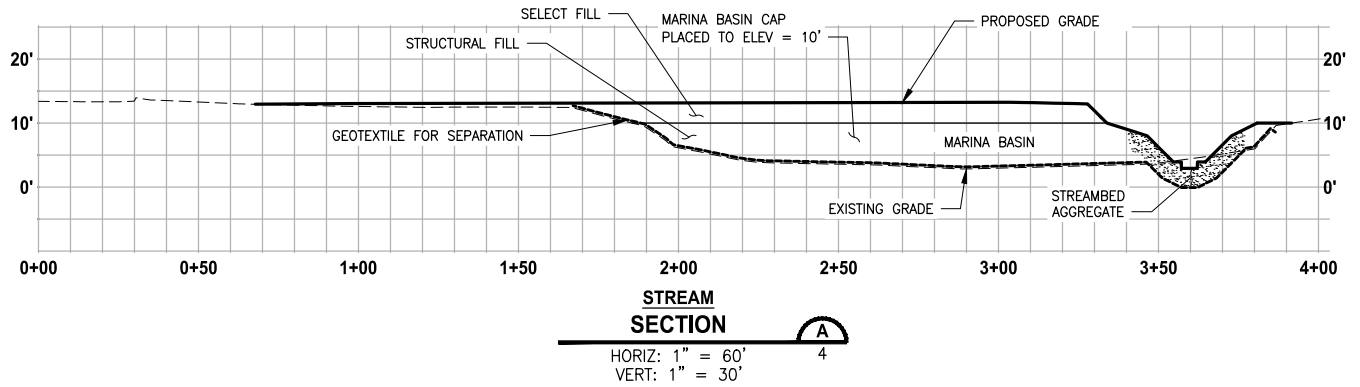
<p>REFERENCE: TBD</p> <p>APPLICANT: CITY OF MARYSVILLE</p> <p><b>DATUM:</b> VERT: NAVD 88 HORIZ: NAD 83/91 WA NORTH</p> <p>ADJACENT PROPERTY OWNERS: SEE FIGURE 2</p>	<p><b>GEDDES MARINA PHASE 2 REMEDATION PROJECT</b></p> <p>LOCATION: 1326 FIRST STREET MARYSVILLE, SNOHOMISH, WA</p> <p>LAT/LONG: 48.04815°N / -122.17994°W</p> <p>PAGE 4 OF 11 DATE: FEBRUARY 2023</p>	<p>PROPOSED PROJECT: CONTAMINATED SEDIMENT REMEDIATION OF FORMER MARINA BASIN.</p> <p>IN: EBHEY SLOUGH (PUGET SOUND) NEAR/AT: MARYSVILLE COUNTY: SNOHOMISH STATE: WA</p>
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**FIGURE 5. WETLAND AND OHWM IMPACTS**

<p>REFERENCE: TBD</p> <p>APPLICANT: CITY OF MARYSVILLE</p> <p><b>DATUM:</b> VERT: NAVD 88 HORIZ: NAD 83/91 WA NORTH</p> <p>ADJACENT PROPERTY OWNERS: SEE FIGURE 2</p>	<p><b>GEDDES MARINA PHASE 2 REMEDICATION PROJECT</b></p> <p>LOCATION: 1326 FIRST STREET MARYSVILLE, SNOHOMISH, WA</p> <p>LAT/LONG: 48.04815°N / -122.17994°W</p> <p>PAGE 5 OF 11 DATE: FEBRUARY 2023</p>	<p>PROPOSED PROJECT: CONTAMINATED SEDIMENT REMEDIATION OF FORMER MARINA BASIN.</p> <p>IN: EBHEY SLOUGH (PUGET SOUND) NEAR/AT: MARYSVILLE COUNTY: SNOHOMISH STATE: WA</p>
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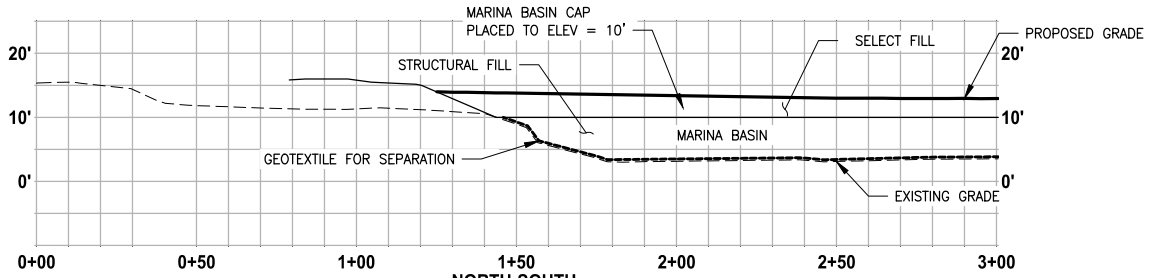


**STREAMBED AGGREGATE NOTES**

1. STREAMBED AGGREGATE SHALL CONSIST OF A UNIFORM MIXTURE OF 60 PERCENT (BY VOLUME) WSDOT STREAM BED SEDIMENT AND 40 PERCENT (BY VOLUME) WSDOT 8" COBBLE GRADATION

**FIGURE 6. SITE SECTIONS**

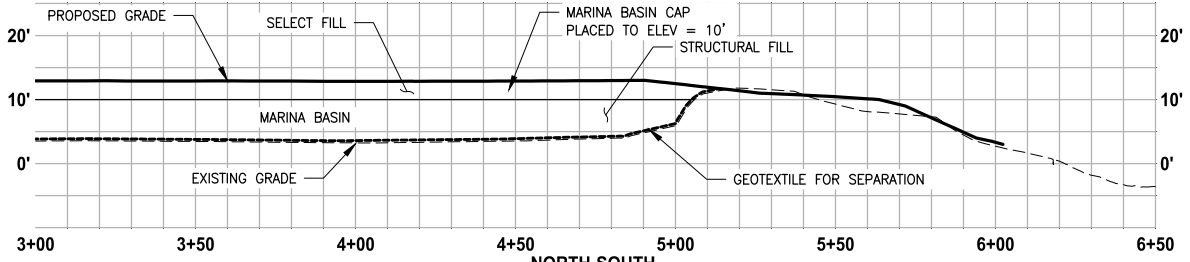
<p>REFERENCE: TBD</p> <p>APPLICANT: CITY OF MARYSVILLE</p> <p><b>DATUM:</b> VERT: NAVD 88        HORIZ: NAD 83/91 WA NORTH</p> <p>ADJACENT PROPERTY OWNERS:        SEE FIGURE 2</p>	<p><b>GEDDES MARINA PHASE 2        REMEDIATION PROJECT</b></p> <p>LOCATION:        1326 FIRST STREET        MARYSVILLE, SNOHOMISH, WA</p> <p>LAT/LONG: 48.04815°N / -122.17994°W</p> <p>PAGE 6 OF 11        DATE: FEBRUARY 2023</p>	<p>PROPOSED PROJECT:        CONTAMINATED SEDIMENT REMEDIATION OF        FORMER MARINA BASIN.</p> <p>IN: EBEBY SLOUGH (PUGET SOUND)        NEAR/AT: MARYSVILLE        COUNTY: SNOHOMISH        STATE: WA</p>
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**NORTH-SOUTH  
FROM STA 0+00 TO 3+00  
SITE SECTION**

HORIZ: 1" = 60'  
VERT: 1" = 30'

**D.1**  
4



**NORTH-SOUTH  
FROM STA 3+00 TO 6+50  
SITE SECTION**

HORIZ: 1" = 60'  
VERT: 1" = 30'

**D.2**  
4

**FIGURE 7. SITE SECTIONS**

REFERENCE: TBD

APPLICANT: CITY OF MARYSVILLE

**DATUM:** VERT: NAVD 88  
HORIZ: NAD 83/91 WA NORTH

ADJACENT PROPERTY OWNERS:  
SEE FIGURE 2

**GEDDES MARINA PHASE 2  
REMEDATION PROJECT**

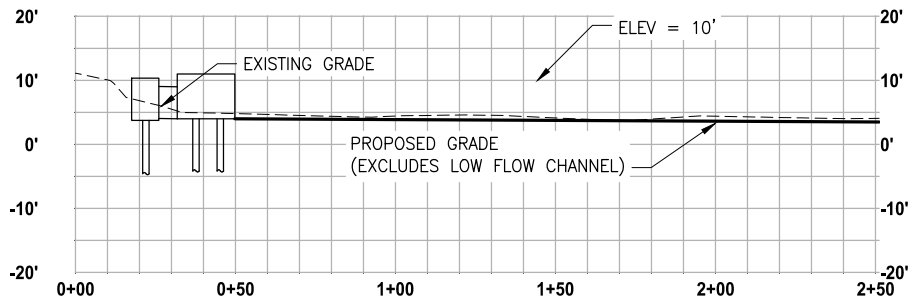
LOCATION:  
1326 FIRST STREET  
MARYSVILLE, SNOHOMISH, WA

LAT/LONG: 48.04815°N / -122.17994°W

PAGE 7 OF 11  
DATE: FEBRUARY 2023

PROPOSED PROJECT:  
CONTAMINATED SEDIMENT REMEDIATION OF  
FORMER MARINA BASIN.

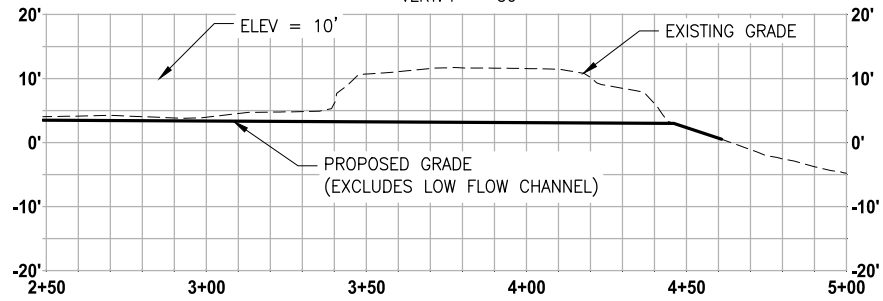
IN: EBEBY SLOUGH (PUGET SOUND)  
NEAR/AT: MARYSVILLE  
COUNTY: SNOHOMISH  
STATE: WA



CONVEYANCE CHANNEL (FROM STA 0+00 TO 2+50)

PROFILE

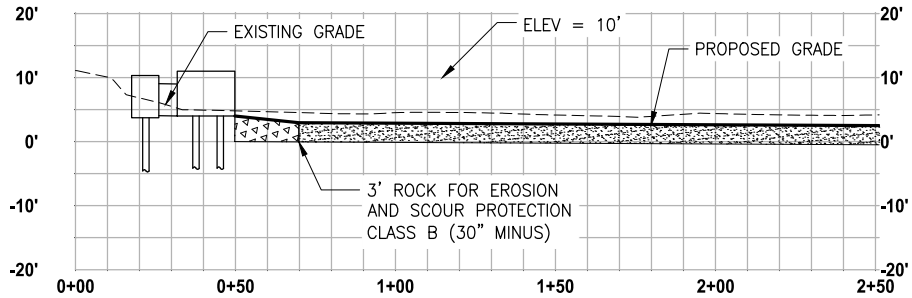
HORIZ: 1" = 60'  
VERT: 1" = 30'



CONVEYANCE CHANNEL (FROM STA 2+50 TO 5+00)

PROFILE

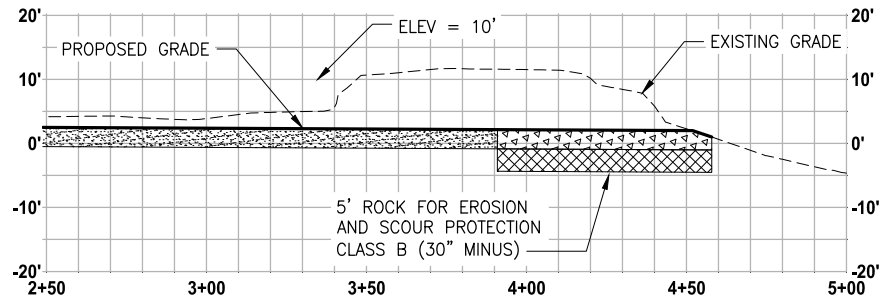
HORIZ: 1" = 60'  
VERT: 1" = 30'



LOW FLOW CHANNEL (FROM STA 0+00 TO 2+50)

PROFILE

HORIZ: 1" = 60'  
VERT: 1" = 30'



LOW FLOW CHANNEL (FROM STA 2+50 TO 5+00)

PROFILE

HORIZ: 1" = 60'  
VERT: 1" = 30'

FIGURE 8. PROFILES

REFERENCE: TBD

APPLICANT: CITY OF MARYSVILLE

**DATUM:** VERT: NAVD 88  
HORIZ: NAD 83/91 WA NORTH

ADJACENT PROPERTY OWNERS:  
SEE FIGURE 2

GEDDES MARINA PHASE 2  
REMEDATION PROJECT

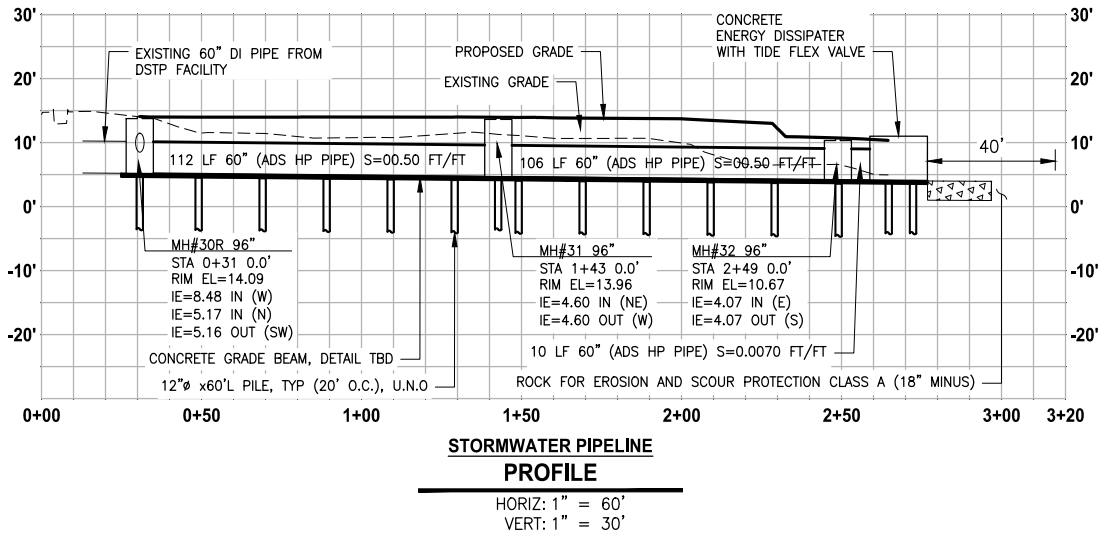
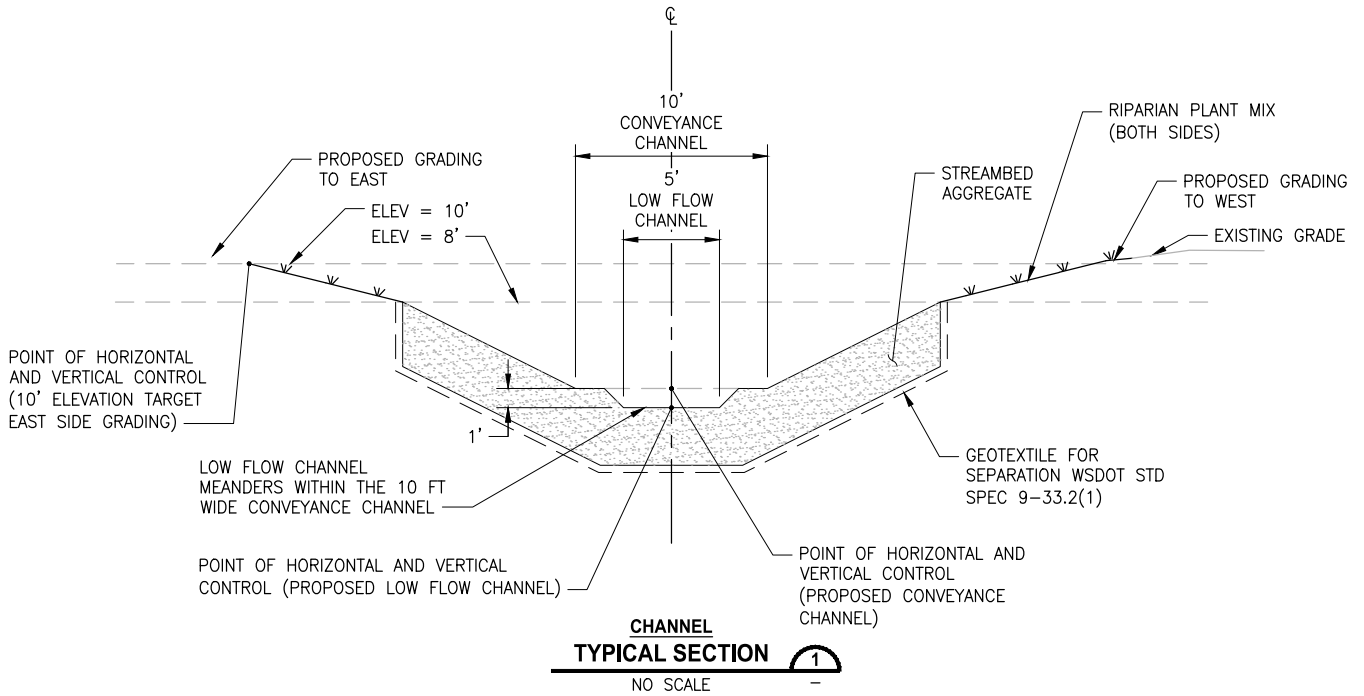
LOCATION:  
1326 FIRST STREET  
MARYSVILLE, SNOHOMISH, WA

LAT/LONG: 48.04815°N / -122.17994°W

PAGE 8 OF 11  
DATE: FEBRUARY 2023

PROPOSED PROJECT:  
CONTAMINATED SEDIMENT REMEDIATION OF  
FORMER MARINA BASIN.

IN: EBEE SLOUGH (PUGET SOUND)  
NEAR/AT: MARYSVILLE  
COUNTY: SNOHOMISH  
STATE: WA



**STREAMBED AGGREGATE NOTES**

1. STREAMBED AGGREGATE SHALL CONSIST OF A UNIFORM MIXTURE OF 60 PERCENT (BY VOLUME) WSDOT STREAM BED SEDIMENT AND 40 PERCENT (BY VOLUME) WSDOT 8" COBBLE GRADATION

**FIGURE 9. STORMWATER CONVEYANCE DETAILS**

REFERENCE: TBD

APPLICANT: CITY OF MARYSVILLE

**DATUM:** VERT: NAVD 88  
HORIZ: NAD 83/91 WA NORTH

ADJACENT PROPERTY OWNERS:  
SEE FIGURE 2

**GEDDES MARINA PHASE 2  
REMEDATION PROJECT**

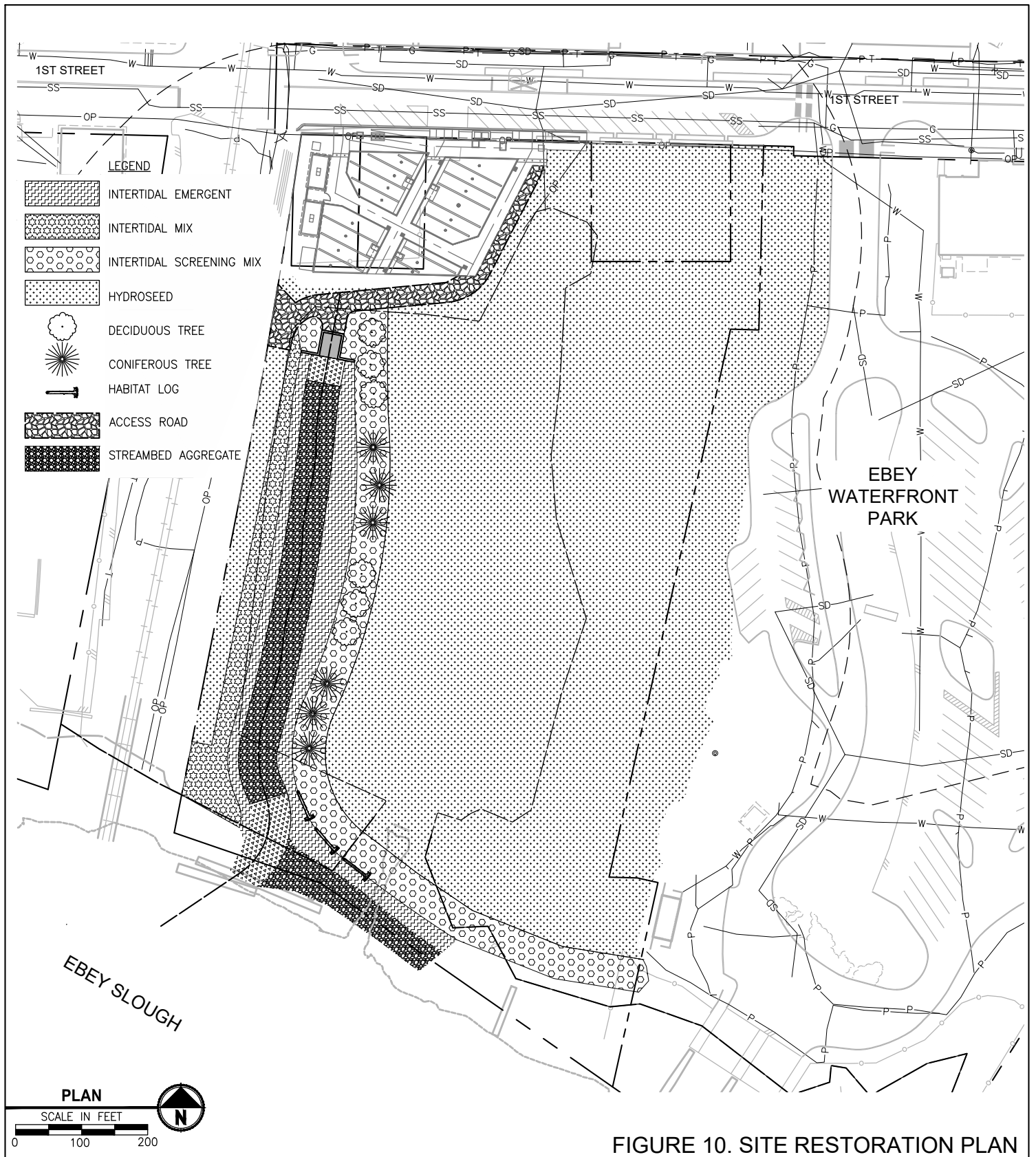
LOCATION:  
1326 FIRST STREET  
MARYSVILLE, SNOHOMISH, WA

LAT/LONG: 48.04815°N / -122.17994°W

PAGE 9 OF 11  
DATE: FEBRUARY 2023

PROPOSED PROJECT:  
CONTAMINATED SEDIMENT REMEDIATION OF  
FORMER MARINA BASIN.



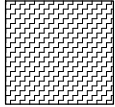

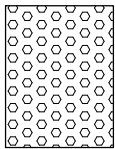

IN: EBEE SLOUGH (PUGET SOUND)  
NEAR/AT: MARYSVILLE  
COUNTY: SNOHOMISH  
STATE: WA



**FIGURE 10. SITE RESTORATION PLAN**

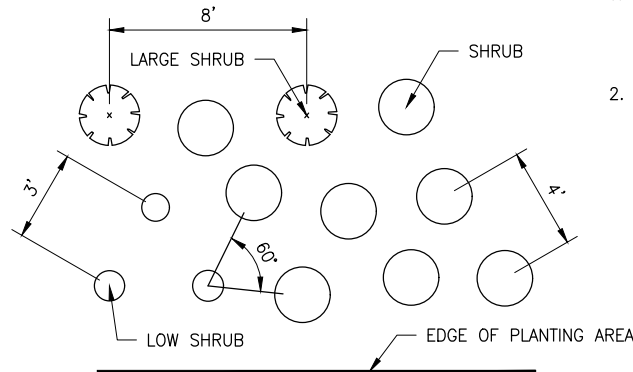
<p>REFERENCE: TBD</p> <p>APPLICANT: CITY OF MARYSVILLE</p> <p><b>DATUM:</b> VERT: NAVD 88 HORIZ: NAD 83/91 WA NORTH</p> <p>ADJACENT PROPERTY OWNERS: SEE FIGURE 2</p>	<p><b>GEDDES MARINA PHASE 2 REMEDIATION PROJECT</b></p> <p>LOCATION: 1326 FIRST STREET MARYSVILLE, SNOHOMISH, WA</p> <p>LAT/LONG: 48.04815°N / -122.17994°W</p> <p>PAGE 10 OF 11 DATE: FEBRUARY 2023</p>	<p>PROPOSED PROJECT: CONTAMINATED SEDIMENT REMEDIATION OF FORMER MARINA BASIN.</p> <p>IN: EBHEY SLOUGH (PUGET SOUND) NEAR/AT: MARYSVILLE COUNTY: SNOHOMISH STATE: WA</p>
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**PLANT MATERIAL LIST**

BOTANICAL NAME	COMMON NAME	NOTES
 <u>DECIDUOUS TREE</u> SALIX LASIANDRA	PACIFIC WILLOW	LOCATE TREES AS SHOWN IN PLANS PLANT SIZE AND CONDITION TBD.
 <u>CONIFEROUS TREE</u> PINUS CONTORTA VAR. CONTORTA	SHORE PINE	
 <u>INTERTIDAL MIX</u> CAREX LYNGBYEI DISTICHLIS SPICATA ELYMUS MOLLIS JUNCUS BALTICUS	LYNGBYE'S SEDGE COASTAL SALTGRASS AMERICAN DUNEGRASS BALTIC RUSH	PLANT SIZE AND CONDITION TBD. MAY BE SEEDED VS. LIVE PLANTS.
 <u>INTERTIDAL SCREENING MIX</u> ALNUS VIRIDIS SALIX HOOKERIANA	SITKA ALDER HOOKER'S WILLOW	LOCATE TREES IN AREAS SHOWN IN PLANS FOR "INTERTIDAL SCREENING MIX" IN SINGLE SPECIES GROUPS OF 3 TO 7 TREES EACH. PLANT SIZE AND CONDITION TBD.
 <u>RIPARIAN MIX</u> AMELANCHIER ALNIFOLIA HOLODISCUS DISCOLOR MAHONIA AQUIFOLIUM RIBES SANGUINEUM ROSA NUTKANA SYMPHORICARPOS ALBUS	WESTERN SERVICEBERRY OCEANSPRAY TALL OREGON GRAPE RED FLOWERING CURRANT NOOTKA ROSE SNOWBERRY	LOCATE SHRUBS IN AREAS SHOWN IN PLANS FOR "RIPARIAN MIX" IN SINGLE SPECIES SPECIES GROUPS OF 3 TO 7 SHRUBS EACH. #1 CONTAINERS SPACED AS SHOWN IN DETAIL 1 ON THIS SHEET.
 <u>HYDROSEED</u> (MIX TBD)		

**NOTES:**

1. PLANT SHRUBS IN SINGLE SPECIES GROUPS OF 5 TO 10 PLANTS EACH. PLANT TREES IN SINGLE SPECIES GROUPS OF 1 TO 5 PLANTS EACH.
2. ADJUST PLANT LOCATIONS SLIGHTLY SO PLANTINGS APPEAR TO BE IN A MORE RANDOM ARRANGEMENT AND NOT IN STRAIGHT ROWS.



**SHRUB SPACING**

DETAIL 1  
SCALE: NO SCALE

**FIGURE 11. PLANT MATERIAL LIST AND PLANTING DETAIL**

REFERENCE: TBD  APPLICANT: CITY OF MARYSVILLE  DATUM: VERT: NAVD 88 HORIZ: NAD 83/91 WA NORTH  ADJACENT PROPERTY OWNERS: SEE FIGURE 2	GEDDES MARINA PHASE 2 REMEDIATION PROJECT  LOCATION: 1326 FIRST STREET MARYSVILLE, SNOHOMISH, WA  LAT/LONG: 48.04815°N / -122.17994°W  PAGE 11 OF 11 DATE: FEBRUARY 2023	PROPOSED PROJECT: CONTAMINATED SEDIMENT REMEDIATION OF FORMER MARINA BASIN.  IN: EBEE SLOUGH (PUGET SOUND) NEAR/AT: MARYSVILLE COUNTY: SNOHOMISH STATE: WA
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