



**Request for Clean Water Act  
Section 401 Water Quality Certification  
Washington State Department of Ecology**  
Phone: (360) 407-6076 or E-mail: [ecyrefedpermits@ecy.wa.gov](mailto:ecyrefedpermits@ecy.wa.gov)

AGENCY USE ONLY	
Date Received:	10/3/2022
Aquatics ID #:	135864
Team:	SWRO
Valid Request:	10/31/2022

This Section 401 Water Quality Certification (WQC) Request form identifies information that is typically needed in order to review and process a Section 401 WQC request. Please see Ecology's [webpage](#) for more information about the Section 401 Request process.

Submit this Section 401 WQC Request form along with a [Joint Aquatic Resources Permit Application](#) (JARPA) and supporting information to [ecyrefedpermits@ecy.wa.gov](mailto:ecyrefedpermits@ecy.wa.gov) and copy the federal permitting agency.

**A. Federal Permit or License Reference Number, if known:** NWS-2017-1080

**Department of Ecology (Ecology) Project ID Number, if known:**

**Project Name:** Sperry Ocean Dock Pile Replacement Program

**County:** Pierce

**B. Project Proponent Name:** A. Sasha Ertl

**C. Documentation showing that the pre-filing meeting request was submitted at least 30-days prior to submitting this Section 401 WQC Request:**  Attached

**D. A completed, signed, and dated JARPA should be submitted with this form.**

**Did you attach a JARPA?**  Yes  No

**E. The following is a list of documents typically needed for Ecology's WQC review, along with a brief explanation. Depending on the project, additional information may be requested.**

**Please let us know what information you are submitting with your WQC request and this form:**

Final State Environmental Policy Act (SEPA) determination

Project drawings

- Vicinity map, plan view, and cross-section

Best management practices and construction methodology

- This information is not needed if incorporated into a Water Quality Monitoring and Protection Plan (WQMPP)—see below
- For in-water work (below ordinary high water mark), including wetlands
- Describe best management practices to be implemented to protect water quality
- Describe construction sequencing and methodology

Water Quality Monitoring Plan (WQMP) or WQMPP

- This is needed when conducting work in a waterbody (e.g., in creek, ditch, river, lake, pond, marine, estuarine)
- Include water quality parameters such as turbidity, oil sheen, pH (poured in-place concrete), etc.
- WQMPP is similar to WQMP, but includes best management practices
- See [State Water Quality Standards for Surface Waters](#) (Chapter 173-201A-200 or -210 WAC)
- If needed, templates are available

- Erosion and Sediment Control Plan
  - For upland work (above ordinary high water mark)
  - Addresses stormwater (temporary or long-term)
  - May be included in project drawings or selected pages from a Stormwater Pollution Prevention Plan
  
- Jurisdictional determination
  - Needed for non-federally regulated waters (state waters that are not “waters of the United States”)
  - Determined by [U.S. Army Corps of Engineers](#) or Environmental Protection Agency
  - Ecology regulates state waters (including wetlands) in Washington, regardless of federal jurisdiction. For more information see [state wetland regulations](#)
  
- Wetland Report
  - Needed when there is a discharge (excavation or fill) to wetlands
  - Report needs to include both a wetland delineation and rating
  - Include delineation data sheets and rating forms
  - For more information see [wetland delineation resources](#) and [hiring a qualified wetland professional](#)
  
- Mitigation Plan
  - Needed to offset impacts to wetland, stream, marine, or other aquatic habitat
  - Submit a Wetland Mitigation Bank Use Plan when proposing mitigation bank use, or an In-Lieu Fee (ILF) Use Plan when proposing ILF mitigation
  - For more information, see [wetland compensatory mitigation](#)
  
- Riparian Planting and Monitoring Plan
  - Needed when riparian vegetation is removed or modified
  - May be included in plan set or mitigation plan
  
- Suitability Determination
  - Needed when sediments will be dredged for maintenance, navigation, other purposes
  - Covers in-water disposal and sediment anti-degradation
  - For information see [Dredged Material Management Office](#)
  
- Dredging Plan
  - Needed when sediments will be dredged for maintenance, navigation, other purposes
  - Should include dredge footprint and depth, dredge type, best management practices, disposal plan, off-loading plan for upland disposal, etc.
  
- Dewatering Plan
  - Needed for complex in-water work or management of excavated/dredged material
  - May also be required for some excavation projects

**F. Certification Statements:**

The project proponent hereby certifies that all information contained herein is true, accurate, and complete, to the best of my knowledge and belief.

Initial ASE

The project proponent hereby requests that the certifying authority review and take action on this CWA 401 certification request within the applicable reasonable period of time.

Initial ASE

Signature: **Alexandra Ertl** Digitally signed by Alexandra Ertl  
DN: cn=Alexandra Ertl, o=Grette Associates, ou,  
email=sashae@gretteassociates.com, c=US  
Date: 2022.10.03 16:53:25 -0700 \_\_\_\_\_ Date: 10/3/2022 \_\_\_\_\_

Print Name: A. Sasha Ertl

To request an ADA accommodation, contact Ecology by phone at (360) 407-6076 or email at [ecyrefedpermits@ecy.wa.gov](mailto:ecyrefedpermits@ecy.wa.gov), or visit <https://ecology.wa.gov/accessibility>. For Relay Service or TTY call 711 or 877-833-6341.

Si necesita este formulario en español, por favor, llámenos a (360) 407-6076  
o envíenos un correo electrónico a: [ecyrefedpermits@ecy.wa.gov](mailto:ecyrefedpermits@ecy.wa.gov)



# WASHINGTON STATE

## Joint Aquatic Resources Permit



US Army Corps  
of Engineers®  
Seattle District

AGENCY USE ONLY

10/3/2022 edoc  
Rec'd 401 Req Form

Date received:

Agency reference #: \_\_\_\_\_

Tax Parcel #(s): \_\_\_\_\_

### Application (JARPA) Form<sup>1,2</sup> [\[help\]](#)

USE BLACK OR BLUE INK TO ENTER ANSWERS IN THE WHITE SPACES BELOW.

## Part 1—Project Identification

1. Project Name (A name for your project that you create. Examples: Smith's Dock or Seabrook Lane Development) [\[help\]](#)

Sperry Ocean Dock Pile Installation Project

## Part 2—Applicant

The person and/or organization responsible for the project. [\[help\]](#)

2a. Name (Last, First, Middle)

Coy, Gary, G.

2b. Organization (If applicable)

Sperry Ocean Dock

2c. Mailing Address (Street or PO Box)

P.O. Box 349

2d. City, State, Zip

Seahurst, WA 98062-0349

2e. Phone (1)

(206) 835-5694

2f. Phone (2)

2g. Fax

2h. E-mail

sperryocean@comcast.net

<sup>1</sup>Additional forms may be required for the following permits:

- If your project may qualify for Department of the Army authorization through a Regional General Permit (RGP), contact the U.S. Army Corps of Engineers for application information (206) 764-3495.
- Not all cities and counties accept the JARPA for their local Shoreline permits. If you need a Shoreline permit, contact the appropriate city or county government to make sure they accept the JARPA.

<sup>2</sup>To access an online JARPA form with [\[help\]](#) screens, go to

[http://www.epermitting.wa.gov/site/alias\\_resourcecenter/jarpa\\_jarpa\\_form/9984/jarpa\\_form.aspx](http://www.epermitting.wa.gov/site/alias_resourcecenter/jarpa_jarpa_form/9984/jarpa_form.aspx).

For other help, contact the Governor's Office for Regulatory Innovation and Assistance at (800) 917-0043 or [help@oria.wa.gov](mailto:help@oria.wa.gov).

### Part 3—Authorized Agent or Contact

Person authorized to represent the applicant about the project. (Note: Authorized agent(s) must sign 11b of this application.) [\[help\]](#)

<b>3a. Name</b> (Last, First, Middle)			
Dinkins, Janae			
<b>3b. Organization</b> (If applicable)			
Grette Associates, LLC			
<b>3c. Mailing Address</b> (Street or PO Box)			
2102 North 30 <sup>th</sup> Street			
<b>3d. City, State, Zip</b>			
Tacoma, WA, 98403			
<b>3e. Phone</b> (1)	<b>3f. Phone</b> (2)	<b>3g. Fax</b>	<b>3h. E-mail</b>
(253) 573-9300			janaed@gretteassociates.com

### Part 4—Property Owner(s)

Contact information for people or organizations owning the property(ies) where the project will occur. Consider both **upland and aquatic** ownership because the upland owners may not own the adjacent aquatic land. [\[help\]](#)

- Same as applicant. (Skip to Part 5.)
- Repair or maintenance activities on existing rights-of-way or easements. (Skip to Part 5.)
- There are multiple upland property owners. Complete the section below and fill out [JARPA Attachment A](#) for each additional property owner.
- Your project is on Department of Natural Resources (DNR)-managed aquatic lands. If you don't know, contact the DNR at (360) 902-1100 to determine aquatic land ownership. If yes, complete [JARPA Attachment E](#) to apply for the Aquatic Use Authorization.

<b>4a. Name</b> (Last, First, Middle)			
<b>4b. Organization</b> (If applicable)			
<b>4c. Mailing Address</b> (Street or PO Box)			
<b>4d. City, State, Zip</b>			
<b>4e. Phone</b> (1)	<b>4f. Phone</b> (2)	<b>4g. Fax</b>	<b>4h. E-mail</b>


## Part 5–Project Location(s)

Identifying information about the property or properties where the project will occur. [\[help\]](#)

- There are multiple project locations (e.g. linear projects). Complete the section below and use [JARPA Attachment B](#) for each additional project location.

<b>5a.</b> Indicate the type of ownership of the property. (Check all that apply.) <a href="#">[help]</a>			
<input checked="" type="checkbox"/> Private <input type="checkbox"/> Federal <input type="checkbox"/> Publicly owned (state, county, city, special districts like schools, ports, etc.) <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Department of Natural Resources (DNR) – managed aquatic lands (Complete <a href="#">JARPA Attachment E</a> )			
<b>5b.</b> Street Address (Cannot be a PO Box. If there is no address, provide other location information in 5p.) <a href="#">[help]</a>			
611 North Schuster Parkway			
<b>5c.</b> City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) <a href="#">[help]</a>			
Tacoma, WA 98402			
<b>5d.</b> County <a href="#">[help]</a>			
Pierce			
<b>5e.</b> Provide the section, township, and range for the project location. <a href="#">[help]</a>			
¼ Section	Section	Township	Range
Q3-4	S29	21N	03E
<b>5f.</b> Provide the latitude and longitude of the project location. <a href="#">[help]</a>			
<ul style="list-style-type: none"> <li>Example: 47.03922 N lat. / -122.89142 W long. (Use decimal degrees - NAD 83)</li> </ul>			
47.273889 N lat / -122.456944 W long			
<b>5g.</b> List the tax parcel number(s) for the project location. <a href="#">[help]</a>			
<ul style="list-style-type: none"> <li>The local county assessor's office can provide this information.</li> </ul>			
8950002320			
<b>5h.</b> Contact information for all adjoining property owners. (If you need more space, use <a href="#">JARPA Attachment C.</a> ) <a href="#">[help]</a>			
Name	Mailing Address		Tax Parcel # (if known)
City of Tacoma Public Works	747 Market Street		8950002361
	Tacoma, WA 98402		
Burlington Northern Santa Fe Railroad	P.O. Box 961056		0321321018
	Fort Worth, TX 76161-0056		

<b>5i.</b> List all wetlands on or adjacent to the project location. <a href="#">[help]</a>
There are no wetlands on or adjacent to the project location.
<b>5j.</b> List all waterbodies (other than wetlands) on or adjacent to the project location. <a href="#">[help]</a>
Commencement Bay, Puget Sound
<b>5k.</b> Is any part of the project area within a 100-year floodplain? <a href="#">[help]</a>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know
<b>5l.</b> Briefly describe the vegetation and habitat conditions on the property. <a href="#">[help]</a>
<p>The upland within the property area is marked by a dirt service road and paved parking area. The upland and intertidal shoreline beneath the timber platform consist of gravel, cobble and some larger rocks. Riprap exists landward of the shoreline along the easternmost 100 ft of the timber platform. The subtidal shoreline is composed of glacial drift including till, outwash and interglacial deposits, covered by approximately 40-50 vertical feet of sand and silt.</p> <p>The upland areas of the property do not offer quality wildlife habitat. The intertidal, shallow subtidal, and subtidal environments do not support eelgrass or macroalgal communities due to the unsuitable substrate, a large amount of overwater coverage, and the substantial quantity of tidally-influenced drift moving along the shoreline. The project area does not provide high quality habitat for aquatic organisms, including salmonid prey, salmonids and marine mammals of concern. The nearest documented forage fish spawning habitat to the project area is utilized by sand lance and is located along the Ruston Way shoreline approximately 1,400 ft to the northwest.</p>
<b>5m.</b> Describe how the property is currently used. <a href="#">[help]</a>
The Sperry Ocean Dock, Ltd. property where the project is to occur has been used for water-dependent purposes since 1890. The property is currently used for lay berthing of two "Ready Reserve" vessels of the US Maritime Administration (MARAD). The ships are moored adjacently along the dock and are occasionally used for on-board military training exercise and loading of cargo, but infrequently leave the berthing dock. The Sperry Dock location is ideal for this type of use due to the naturally steep shoreline that provides more than 47 feet of water for deep-draft vessels such as those currently berthed.
<b>5n.</b> Describe how the adjacent properties are currently used. <a href="#">[help]</a>
<p>City of Tacoma Parks: Commercial; Chinese Reconciliation Park</p> <p>Burlington Northern Railroad: Industrial; use property as active railway</p> <p>The proposal will not affect these properties.</p>
<b>5o.</b> Describe the structures (above and below ground) on the property, including their purpose(s) and current condition. <a href="#">[help]</a>
The northern extent of the Project Area consists of a working dock and dolphins that are utilized by two large vessels. At the northwestern edge of the Project Area is a steel ramp leading to the moored vessels, and a small paved parking area (~22,000 ft <sup>2</sup> ) upon which an office trailer and electrical equipment reside. Between the dock and an upland dirt service road to the south is 18,300 ft <sup>2</sup> of dilapidated timber platform, a small timber dock, grated walkway, and mooring dolphin to the east, and approximately 536 timber pile and concrete columns covering a 134-lineal-foot shoreline reach.

**5p.** Provide driving directions from the closest highway to the project location, and attach a map. [\[help\]](#)

From I-705 North, take the Schuster Parkway exit. Proceed 1.3 miles, following the directions to Ruston Way Waterfront. Immediately after crossing the over pass to Ruston Way, turn left at the sign reading “Chinese Reconciliation Park”, then follow the signs directly to Sperry Ocean Dock. The dock location is apparent before crossing the overpass due to the presence of the two large vessels.

## Part 6–Project Description

**6a.** Briefly summarize the overall project. You can provide more detail in 6b. [\[help\]](#)

Sperry Ocean Dock proposes to remove up to 129 existing rotted/dilapidated creosote-treated timber pile (approximately 16 inches in diameter) and install up to 129 steel pile (16-inch diameter) filled with concrete (after installation), along with resurfacing 5,900 square feet wharf platform with concrete to stabilize and maintain the integrity of the existing wharf. Pile installation will be phased over five years so that approximately 49 piles would be installed the first year and up to 20 piles for each of the subsequent four years. No change to the existing wharf footprint is proposed. All in-water work will occur between 0 and -35 feet Mean Lower Low Water (MLLW). This proposal is similar to the work previously authorized (and conducted) under LU17-0255 and NWS-2017-1080 and would continue the pile replacement program after that authorization expired in March of 2022.

**6b.** Describe the purpose of the project and why you want or need to perform it. [\[help\]](#)

The MARAD vessels moored at the Sperry Ocean Dock (Sperry) support Joint Base Lewis McChord as heavy sea lift service, and Pierce County, the State of Washington, and the United States as first responders in the event of natural disasters. They also serve as a shipboard training platform for firefighters, local police, state patrol, federal agencies, and other emergence responders in the area. In order to continue offering these crucial services to local, national, and international communities, the dock facilities require regular maintenance.

Many of the creosote-treated pile supporting the wharf are rotted/dilapidated and in need of replacement. New concrete filled steel pile are needed, along with resurfacing the existing degrading asphalt platform to stabilize the existing structure. The structure must be surfaced with asphalt or concrete per MARAD’s requirements.

**6c.** Indicate the project category. (Check all that apply) [\[help\]](#)

- |   |  |  |   |                                       |
|---|--|--|---|---------------------------------------|
| <input checked="" type="checkbox"/> Commercial  | <input type="checkbox"/> Residential               | <input type="checkbox"/> Institutional | <input type="checkbox"/> Transportation | <input type="checkbox"/> Recreational |
| <input checked="" type="checkbox"/> Maintenance | <input type="checkbox"/> Environmental Enhancement |  |   |                                       |

**6d.** Indicate the major elements of your project. (Check all that apply) [\[help\]](#)

<input type="checkbox"/> Aquaculture	<input type="checkbox"/> Culvert	<input type="checkbox"/> Float	<input type="checkbox"/> Retaining Wall (upland)
<input type="checkbox"/> Bank Stabilization	<input type="checkbox"/> Dam / Weir	<input type="checkbox"/> Floating Home	<input type="checkbox"/> Road
<input type="checkbox"/> Boat House	<input type="checkbox"/> Dike / Levee / Jetty	<input type="checkbox"/> Geotechnical Survey	<input type="checkbox"/> Scientific Measurement Device
<input type="checkbox"/> Boat Launch	<input type="checkbox"/> Ditch	<input type="checkbox"/> Land Clearing	<input type="checkbox"/> Stairs
<input type="checkbox"/> Boat Lift	<input checked="" type="checkbox"/> Dock / Pier	<input type="checkbox"/> Marina / Moorage	<input type="checkbox"/> Stormwater facility
<input type="checkbox"/> Bridge	<input type="checkbox"/> Dredging	<input type="checkbox"/> Mining	<input type="checkbox"/> Swimming Pool
<input type="checkbox"/> Bulkhead	<input type="checkbox"/> Fence	<input type="checkbox"/> Outfall Structure	<input type="checkbox"/> Utility Line
<input type="checkbox"/> Buoy	<input type="checkbox"/> Ferry Terminal	<input checked="" type="checkbox"/> Piling/Dolphin	
<input type="checkbox"/> Channel Modification	<input type="checkbox"/> Fishway	<input type="checkbox"/> Raft	

Other: Breakwater, Shoreline restoration

**6e.** Describe how you plan to construct each project element checked in 6d. Include specific construction methods and equipment to be used. [\[help\]](#)

- Identify where each element will occur in relation to the nearest waterbody.
- Indicate which activities are within the 100-year floodplain.

A crane staged on the existing wharf platform will be required to perform the proposed pile removal and installation work using a vibratory hammer. The first year, 49 existing creosote-treated piles will be removed. Pipe pile will be driven through approximately 3 ft x 3 ft holes that are to be cut through the existing timber deck specifically for this purpose. The dock will be resurfaced with concrete upon completion of work. Timber piles slated for removal will be extracted using a vibratory hammer or chain pull methods. The following four years, up to 20 dilapidated piles will be replaced annually as needed, following the same procedures. All construction activities will be completed by experienced operators familiar with Best Management Practices (BMPs) typically required by permits issued for in and over water work.

**6f.** What are the anticipated start and end dates for project construction? (Month/Year) [\[help\]](#)

- If the project will be constructed in phases or stages, use [JARPA Attachment D](#) to list the start and end dates of each phase or stage.

Start Date: August 2023      End Date: August 2028       See JARPA Attachment D

**6g.** Fair market value of the project, including materials, labor, machine rentals, etc. [\[help\]](#)

\$800,000

**6h.** Will any portion of the project receive federal funding? [\[help\]](#)

- If **yes**, list each agency providing funds.

Yes     No     Don't know

## Part 7–Wetlands: Impacts and Mitigation

- Check here if there are wetlands or wetland buffers on or adjacent to the project area.  
(If there are none, skip to Part 8.) [\[help\]](#)

**7a.** Describe how the project has been designed to avoid and minimize adverse impacts to wetlands. [\[help\]](#)

Not applicable

**7b.** Will the project impact wetlands? [\[help\]](#)

Yes  No  Don't know

**7c.** Will the project impact wetland buffers? [\[help\]](#)

Yes  No  Don't know

**7d.** Has a wetland delineation report been prepared? [\[help\]](#)

- **If Yes**, submit the report, including data sheets, with the JARPA package.

Yes  No

**7e.** Have the wetlands been rated using the Western Washington or Eastern Washington Wetland Rating System? [\[help\]](#)

- **If Yes**, submit the wetland rating forms and figures with the JARPA package.

Yes  No  Don't know

**7f.** Have you prepared a mitigation plan to compensate for any adverse impacts to wetlands? [\[help\]](#)

- **If Yes**, submit the plan with the JARPA package and answer 7g.
- **If No, or Not applicable**, explain below why a mitigation plan should not be required.

Yes  No  Don't know

**7g.** Summarize what the mitigation plan is meant to accomplish, and describe how a watershed approach was used to design the plan. [\[help\]](#)

Not applicable

**7h.** Use the table below to list the type and rating of each wetland impacted, the extent and duration of the impact, and the type and amount of mitigation proposed. Or if you are submitting a mitigation plan with a similar table, you can state (below) where we can find this information in the plan. [\[help\]](#)

Activity (fill, drain, excavate, flood, etc.)	Wetland Name <sup>1</sup>	Wetland type and rating category <sup>2</sup>	Impact area (sq. ft. or Acres)	Duration of impact <sup>3</sup>	Proposed mitigation type <sup>4</sup>	Wetland mitigation area (sq. ft. or acres)

<sup>1</sup> If no official name for the wetland exists, create a unique name (such as "Wetland 1"). The name should be consistent with other project documents, such as a wetland delineation report.

<sup>2</sup> Ecology wetland category based on current Western Washington or Eastern Washington Wetland Rating System. Provide the wetland rating forms with the JARPA package.

<sup>3</sup> Indicate the days, months or years the wetland will be measurably impacted by the activity. Enter "permanent" if applicable.

<sup>4</sup> Creation (C), Re-establishment/Rehabilitation (R), Enhancement (E), Preservation (P), Mitigation Bank/In-lieu fee (B)

Page number(s) for similar information in the mitigation plan, if available: \_\_\_\_\_

**7i.** For all filling activities identified in 7h, describe the source and nature of the fill material, the amount in cubic yards that will be used, and how and where it will be placed into the wetland. [\[help\]](#)

Not applicable

**7j.** For all excavating activities identified in 7h, describe the excavation method, type and amount of material in cubic yards you will remove, and where the material will be disposed. [\[help\]](#)

Not applicable

## Part 8–Waterbodies (other than wetlands): Impacts and Mitigation

In Part 8, “waterbodies” refers to non-wetland waterbodies. (See Part 7 for information related to wetlands.) [\[help\]](#)

Check here if there are waterbodies on or adjacent to the project area. (If there are none, skip to Part 9.)

**8a.** Describe how the project is designed to avoid and minimize adverse impacts to the aquatic environment.

[\[help\]](#)

Not applicable

- The characteristic uses of the water body will not be adversely affected by the proposed project. All work within Commencement Bay will occur during the approved in-water work windows to avoid and minimize impacts on ESA-listed salmonids. For the project area, this is August 16 through February 15. Water column turbidity caused by suspended sediments during pile removal and driving will be localized and temporary. Removal of creosote-treated pile will improve water quality conditions within the Project Area. Construction noise is expected to be similar to that currently produced on a daily basis by train passage and general traffic. Nevertheless, conservation measures will be used to minimize sound impacts on species of concern. Additionally, care will be taken during casting the concrete surface to protect water quality and the aquatic environment by using forms and plastic barriers to address concerns for spillage. Uncured concrete will be isolated from the aquatic environment by conducting the work entirely on the surface of the forms and dock above OHW/HTL.

The following best management practices (BMPs) will be employed throughout project construction to avoid short-term environmental impacts:

- A vibratory hammer will be used to drive pile. No impact hammer usage is proposed.
- Pile will be pulled using a vibratory extractor, chain pull and/or clamshell bucket and in compliance with the permit conditions to minimize temporary water quality impacts, including the use of containment booms.
- In the event of a pile breaking during extraction, piles remnants will be cut below the mudline.
- The contractor will be required to capture any debris associated with Project construction and not allow it to enter Commencement Bay.
- When asphalt decking is removed, the contractor shall prevent asphalt grit or other debris on the pier from entering the water. Suspended tarps, or other means should be deployed under and around the structure to capture grit and debris. During construction, the waters beneath the dock are inspected by skiff to capture any debris.
- Excess or waste materials will not be disposed of waterward of shoreline or allowed to enter waters of the state.
- The contractor will have a spill containment kit, including oil-absorbent materials, on site to be used in the event of a spill or if any oil product is observed in water.

The contractor is responsible for the preparation of a Spill Prevention, Control, and Countermeasures (SPCC) plan to be used for the duration of the Project.

**8b.** Will your project impact a waterbody or the area around a waterbody? [\[help\]](#)

Yes    No

**8c.** Have you prepared a mitigation plan to compensate for the project's adverse impacts to non-wetland waterbodies? [\[help\]](#)

- **If Yes**, submit the plan with the JARPA package and answer 8d.
- **If No, or Not applicable**, explain below why a mitigation plan should not be required.

Yes    No    Don't know

The Project requires installation of up to 129 16-inch diameter steel pile over five years (49 the first year, up to 20 each subsequent year), and removal of an equal number (1:1 replacement) of 16-inch dilapidated creosote-treated timber pile. No change in footprint or facility use is proposed. The removal of creosote-treated timber or dilapidated pile from the water column will provide a net benefit to water quality within the aquatic portion of the Project Area. No compensatory mitigation for this project is proposed.

**8d.** Summarize what the mitigation plan is meant to accomplish. Describe how a watershed approach was used to design the plan.

- If you already completed 7g you do not need to restate your answer here. [\[help\]](#)

Not applicable.

**8e.** Summarize impact(s) to each waterbody in the table below. [\[help\]](#)

Activity (clear, dredge, fill, pile drive, etc.)	Waterbody name <sup>1</sup>	Impact location <sup>2</sup>	Duration of impact <sup>3</sup>	Amount of material (cubic yards) to be placed in or removed from waterbody	Area (sq. ft. or linear ft.) of waterbody directly affected
Pile removal	Commencement Bay	In water	16 days the first year	49 (14 to 16 inch) creosote-treated pile removed	Approximately 70 ft <sup>2</sup>

Pile removal	Commencement Bay	In water	6 days each year for 4 years	Up to 20 (14 to 16 inch) pile removed per year (80 total)	Approximately 28 ft <sup>2</sup> per year (112 ft <sup>2</sup> over 4 years)
Pile installation	Commencement Bay	In water	16 days the first year	49 (16 inch) pile installed	Approximately 70 ft <sup>2</sup>
Pile installation	Commencement Bay	In water	6 days each year for 4 years	Up to 20 (16 inch) pile installed per year (80 total)	Approximately 28 ft <sup>2</sup> per year (112 ft <sup>2</sup> over 4 years)

<sup>1</sup> If no official name for the waterbody exists, create a unique name (such as "Stream 1") The name should be consistent with other documents provided.

<sup>2</sup> Indicate whether the impact will occur in or adjacent to the waterbody. If adjacent, provide the distance between the impact and the waterbody and indicate whether the impact will occur within the 100-year flood plain.

<sup>3</sup> Indicate the days, months or years the waterbody will be measurably impacted by the work. Enter "permanent" if applicable.

**8f.** For all activities identified in 8e, describe the source and nature of the fill material, amount (in cubic yards) you will use, and how and where it will be placed into the waterbody. [\[help\]](#)

There is no fill associated with this project. Pile will be driven underneath the existing wharf platform. Installed pile will be comprised of steel pipe.

**8g.** For all excavating or dredging activities identified in 8e, describe the method for excavating or dredging, type and amount of material you will remove, and where the material will be disposed. [\[help\]](#)

No excavating or dredging is proposed for this project. Derelict pile will be removed using a vibratory hammer chain pull or clam shell depending on water depth and disposed of at an approved upland facility.

## Part 9—Additional Information

Any additional information you can provide helps the reviewer(s) understand your project. Complete as much of this section as you can. It is ok if you cannot answer a question.

<b>9a.</b> If you have already worked with any government agencies on this project, list them below. <a href="#">[help]</a>			
Agency Name	Contact Name	Phone	Most Recent Date of Contact
<b>9b.</b> Are any of the wetlands or waterbodies identified in Part 7 or Part 8 of this JARPA on the Washington Department of Ecology’s 303(d) List? <a href="#">[help]</a>			
<ul style="list-style-type: none"> <li>• <b>If Yes</b>, list the parameter(s) below.</li> <li>• If you don’t know, use Washington Department of Ecology’s Water Quality Assessment tools at: <a href="https://ecology.wa.gov/Water-Shorelines/Water-quality/Water-improvement/Assessment-of-state-waters-303d">https://ecology.wa.gov/Water-Shorelines/Water-quality/Water-improvement/Assessment-of-state-waters-303d</a>.</li> </ul>			
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<b>9c.</b> What U.S. Geological Survey Hydrological Unit Code (HUC) is the project in? <a href="#">[help]</a>			
<ul style="list-style-type: none"> <li>• Go to <a href="http://cfpub.epa.gov/surf/locate/index.cfm">http://cfpub.epa.gov/surf/locate/index.cfm</a> to help identify the HUC.</li> </ul>			
17110019 (Puget Sound)			
<b>9d.</b> What Water Resource Inventory Area Number (WRIA #) is the project in? <a href="#">[help]</a>			
<ul style="list-style-type: none"> <li>• Go to <a href="https://ecology.wa.gov/Water-Shorelines/Water-supply/Water-availability/Watershed-look-up">https://ecology.wa.gov/Water-Shorelines/Water-supply/Water-availability/Watershed-look-up</a> to find the WRIA #.</li> </ul>			
WRIA 12			
<b>9e.</b> Will the in-water construction work comply with the State of Washington water quality standards for turbidity? <a href="#">[help]</a>			
<ul style="list-style-type: none"> <li>• Go to <a href="https://ecology.wa.gov/Water-Shorelines/Water-quality/Freshwater/Surface-water-quality-standards/Criteria">https://ecology.wa.gov/Water-Shorelines/Water-quality/Freshwater/Surface-water-quality-standards/Criteria</a> for the standards.</li> </ul>			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not applicable			
<b>9f.</b> If the project is within the jurisdiction of the Shoreline Management Act, what is the local shoreline environment designation? <a href="#">[help]</a>			
<ul style="list-style-type: none"> <li>• If you don’t know, contact the local planning department.</li> <li>• For more information, go to: <a href="https://ecology.wa.gov/Water-Shorelines/Shoreline-coastal-management/Shoreline-coastal-planning/Shoreline-laws-rules-and-cases">https://ecology.wa.gov/Water-Shorelines/Shoreline-coastal-management/Shoreline-coastal-planning/Shoreline-laws-rules-and-cases</a>.</li> </ul>			
<input type="checkbox"/> Urban <input type="checkbox"/> Natural <input type="checkbox"/> Aquatic <input type="checkbox"/> Conservancy <input checked="" type="checkbox"/> Other: Urban Conservancy			

<p><b>9g.</b> What is the Washington Department of Natural Resources Water Type? <a href="#">[help]</a></p> <ul style="list-style-type: none"> <li>Go to <a href="http://www.dnr.wa.gov/forest-practices-water-typing">http://www.dnr.wa.gov/forest-practices-water-typing</a> for the Forest Practices Water Typing System.</li> </ul> <p><input checked="" type="checkbox"/> Shoreline   <input type="checkbox"/> Fish   <input type="checkbox"/> Non-Fish Perennial   <input type="checkbox"/> Non-Fish Seasonal</p>
<p><b>9h.</b> Will this project be designed to meet the Washington Department of Ecology's most current stormwater manual? <a href="#">[help]</a></p> <ul style="list-style-type: none"> <li><b>If No</b>, provide the name of the manual your project is designed to meet.</li> </ul> <p><input checked="" type="checkbox"/> Yes   <input type="checkbox"/> No</p> <p>Name of manual: <u>2019 Stormwater Management Manual for Western Washington</u></p>
<p><b>9i.</b> Does the project site have known contaminated sediment? <a href="#">[help]</a></p> <ul style="list-style-type: none"> <li><b>If Yes</b>, please describe below.</li> </ul> <p><input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No</p>
<p><b>9j.</b> If you know what the property was used for in the past, describe below. <a href="#">[help]</a></p> <p>The property has been utilized for water-dependent use since 1890.</p>
<p><b>9k.</b> Has a cultural resource (archaeological) survey been performed on the project area? <a href="#">[help]</a></p> <ul style="list-style-type: none"> <li><b>If Yes</b>, attach it to your JARPA package.</li> </ul> <p><input checked="" type="checkbox"/> Yes   <input type="checkbox"/> No</p>
<p><b>9l.</b> Name each species listed under the federal Endangered Species Act that occurs in the vicinity of the project area or might be affected by the proposed work. <a href="#">[help]</a></p> <p>Puget Sound chinook salmon (<i>Oncorhynchus tshawytscha</i> - threatened)  Coastal-Puget Sound bull trout (<i>Salvelinus confluentus</i> - threatened)  Puget Sound steelhead trout (<i>Oncorhynchus mykiss</i> - threatened)  Southern Resident Killer Whale (<i>Orcinus orca</i> - endangered)  Humpback Whale (<i>Megaptera novaeangliae</i> - endangered)  Bocaccio (<i>Sebastes paucispinis</i> - endangered)  Yelloweye Rockfish (<i>S. ruberrimus</i> – threatened)</p> <p>None of these species are anticipated to be affected by the proposed work. Work will be conducted within the authorized window for in-water work within Commencement Bay, and BMPs will be followed.</p>

**9m.** Name each species or habitat on the Washington Department of Fish and Wildlife’s Priority Habitats and Species List that might be affected by the proposed work. [\[help\]](#)

Coho salmon (*Oncorhynchus kisutch*): documented presence in Puyallup River  
 Chum salmon (*Oncorhynchus keta*): documented presence in Puyallup River  
 Pink salmon (*Oncorhynchus gorbuscha*): documented presence in Puyallup River

**Part 10–SEPA Compliance and Permits**

Use the resources and checklist below to identify the permits you are applying for.

- Online Project Questionnaire at <http://apps.oria.wa.gov/opas/>.
- Governor’s Office for Regulatory Innovation and Assistance at (800) 917-0043 or [help@oria.wa.gov](mailto:help@oria.wa.gov).
- For a list of addresses to send your JARPA to, click on [agency addresses for completed JARPA](#).

**10a.** Compliance with the State Environmental Policy Act (SEPA). (Check all that apply.) [\[help\]](#)

- For more information about SEPA, go to **Error! Hyperlink reference not valid.**<https://ecology.wa.gov/regulations-permits/SEPA-environmental-review>.

A copy of the SEPA determination or letter of exemption is included with this application.

A SEPA determination is pending with \_\_\_\_\_ (lead agency). The expected decision date is \_\_\_\_\_.

I am applying for a Fish Habitat Enhancement Exemption. (Check the box below in 10b.) [\[help\]](#)

This project is exempt (choose type of exemption below).

- Categorical Exemption. Under what section of the SEPA administrative code (WAC) is it exempt?  
WAC 197-11-800(3) Repair, remodeling and maintenance activities
- Other: \_\_\_\_\_

SEPA is pre-empted by federal law.

**10b.** Indicate the permits you are applying for. (Check all that apply.) [\[help\]](#)

**LOCAL GOVERNMENT**

**Local Government Shoreline permits:**

Substantial Development     Conditional Use     Variance

Shoreline Exemption Type (explain): Maintenance WAC 173.27.040.2.b

**Other City/County permits:**

- Floodplain Development Permit     Critical Areas Ordinance

**STATE GOVERNMENT**

**Washington Department of Fish and Wildlife:**

- Hydraulic Project Approval (HPA)     Fish Habitat Enhancement Exemption – [Attach Exemption Form](#)

**Washington Department of Natural Resources:**

- Aquatic Use Authorization

Complete [JARPA Attachment E](#) and submit a check for \$25 payable to the Washington Department of Natural Resources.

**Do not send cash.**

**Washington Department of Ecology:**

- Section 401 Water Quality Certification     Non-Federally Regulated Waters

**FEDERAL AND TRIBAL GOVERNMENT**

**United States Department of the Army (U.S. Army Corps of Engineers):**

- Section 404 (discharges into waters of the U.S.)     Section 10 (work in navigable waters)

**United States Coast Guard:**

For projects or bridges over waters of the United States, contact the U.S. Coast Guard at: [d13-pf-d13bridges@uscg.mil](mailto:d13-pf-d13bridges@uscg.mil)

- Bridge Permit     Private Aids to Navigation (or other non-bridge permits)

**United States Environmental Protection Agency:**

- Section 401 Water Quality Certification (discharges into waters of the U.S.) on tribal lands where tribes do not have treatment as a state (TAS)

**Tribal Permits:** (Check with the tribe to see if there are other tribal permits, e.g., Tribal Environmental Protection Act, Shoreline Permits, Hydraulic Project Permits, or other in addition to CWA Section 401 WQC)

- Section 401 Water Quality Certification (discharges into waters of the U.S.) where the tribe has treatment as a state (TAS).

## Part 11—Authorizing Signatures

Signatures are required before submitting the JARPA package. The JARPA package includes the JARPA form, project plans, photos, etc. [\[help\]](#)

### 11a. Applicant Signature (required) [\[help\]](#)

I certify that to the best of my knowledge and belief, the information provided in this application is true, complete, and accurate. I also certify that I have the authority to carry out the proposed activities, and I agree to start work only after I have received all necessary permits.

I hereby authorize the agent named in Part 3 of this application to act on my behalf in matters related to this application. \_\_\_\_\_ (initial)

By initialing here, I state that I have the authority to grant access to the property. I also give my consent to the permitting agencies entering the property where the project is located to inspect the project site or any work related to the project. \_\_\_\_\_ (initial)

Gary G. Coy

Applicant Printed Name



Applicant Signature

6-6-2022

Date

### 11b. Authorized Agent Signature [\[help\]](#)

I certify that to the best of my knowledge and belief, the information provided in this application is true, complete, and accurate. I also certify that I have the authority to carry out the proposed activities and I agree to start work only after all necessary permits have been issued.

Janae Dinkins

Authorized Agent Printed Name



Authorized Agent Signature

6/6/2022

Date

**11c. Property Owner Signature** (if not applicant) [\[help\]](#)

Not required if project is on existing rights-of-way or easements (provide copy of easement with JARPA).

I consent to the permitting agencies entering the property where the project is located to inspect the project site or any work. These inspections shall occur at reasonable times and, if practical, with prior notice to the landowner.

Gary G. Coy

Property Owner Printed Name



Property Owner Signature

6-6-2022  
Date

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.

If you require this document in another format, contact the Governor's Office for Regulatory Innovation and Assistance (ORIA) at (800) 917-0043. People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call (877) 833-6341. ORIA publication number: ORIA-16-011 rev. 09/2018

LATITUDE: 47° 16' 26"  
 LONGITUDE: 122° 27' 25"

IN: COMMENCEMENT BAY  
 AT: TACOMA  
 COUNTY OF: PIERCE  
 STATE OF: WASHINGTON



## VICINITY MAP

NO.	REVISIONS	BY	DATE	NO.	REVISIONS	BY	DATE



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 P.O. BOX 55726  
 METAIRIE, LOUISIANA 70055  
 (504) 816-7772

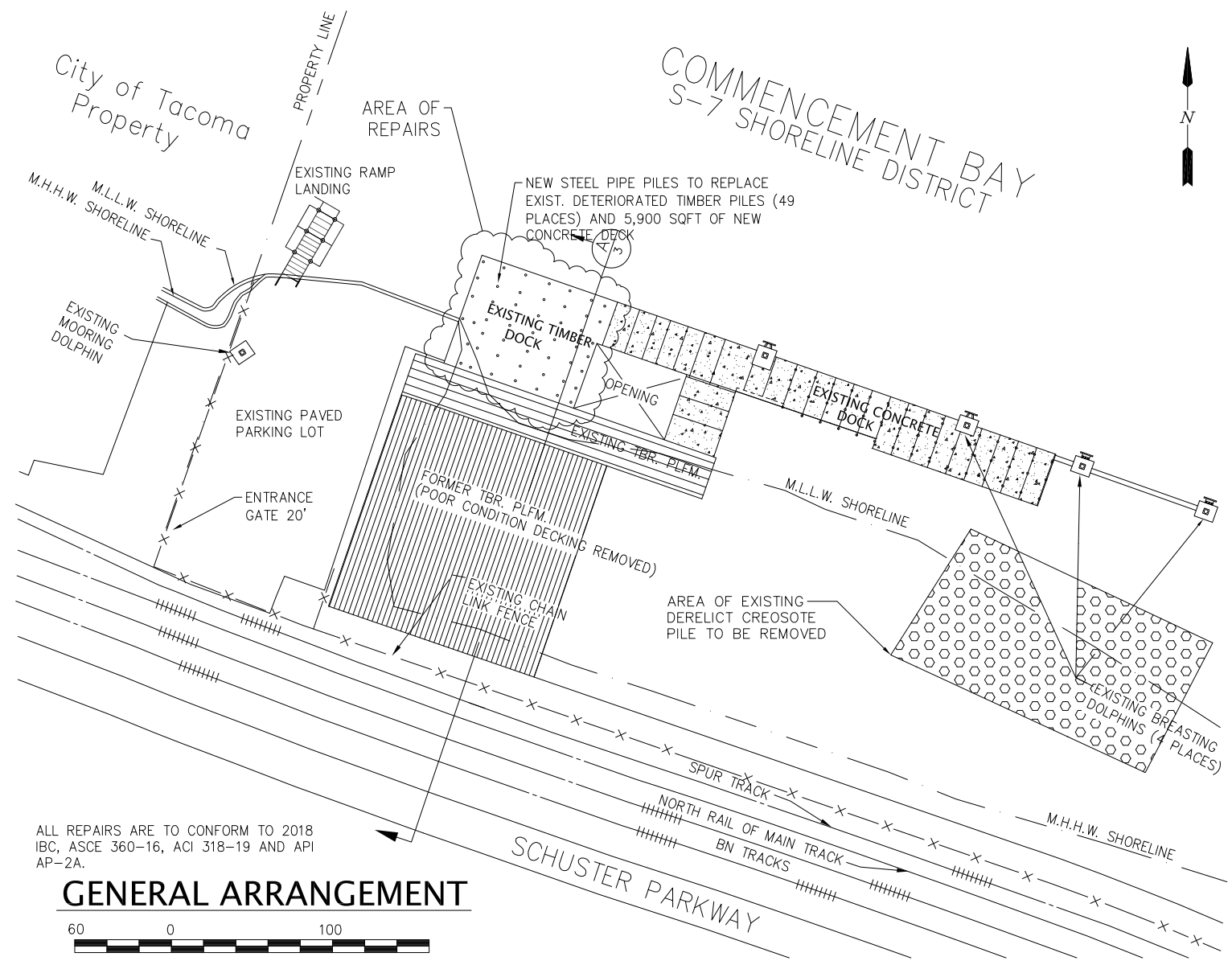
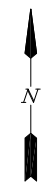
SEAL

DRAWN BY  
D.B.  
 CHECKED BY  
 SCALE  
 BAR

SPERRY OCEAN DOCK  
 MARAD LAYBERTH FACILITY  
 PILE REPLACEMENT - VICINITY MAP  
 TACOMA WASHINGTON

DRAWING NUMBER  
 22-005  
 1-P  
 REV ①

LATITUDE: 47° 16' 26"  
 LONGITUDE: 122° 27' 25"  
 IN: COMMENCEMENT BAY  
 AT: TACOMA  
 COUNTY OF: PIERCE  
 STATE OF: WASHINGTON



ALL REPAIRS ARE TO CONFORM TO 2018  
 IBC, ASCE 360-16, ACI 318-19 AND API  
 AP-2A.

## GENERAL ARRANGEMENT

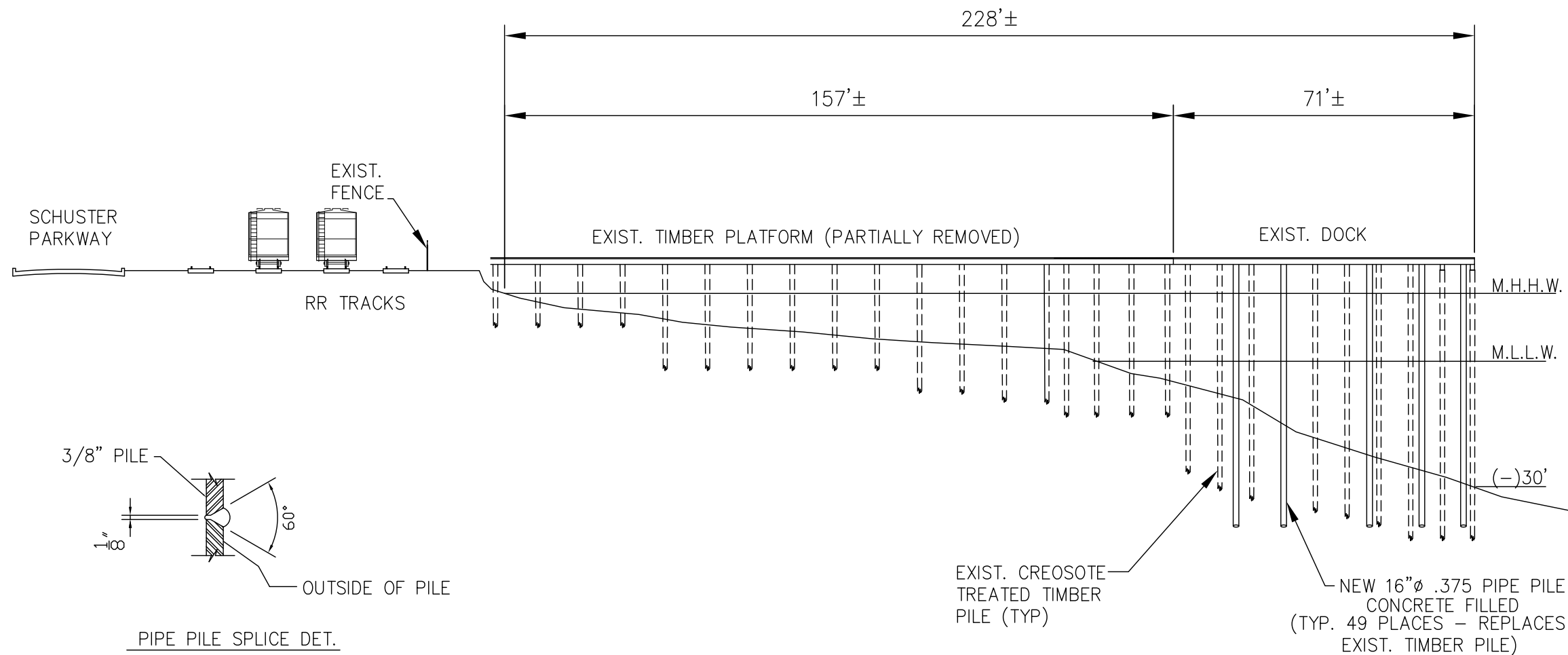


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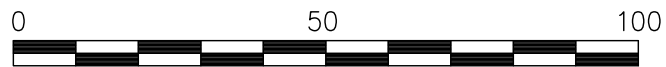
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	MARAD LAYBERTH FACILITY	
	PILE REPLACEMENT - GENERAL ARRANGEMENT	
CHECKED BY	TACOMA	WASHINGTON
SCALE BAR		REV <b>0</b>



NOTE: CONTINUOUS SPECIAL INSPECTIONS ARE TO BE EMPLOYED IN ACCORDANCE WITH IBC 1705.7.

SECTION A  
2  
ELEVATION VIEW



NOTE: ALL NEW PILES WILL BE INSTALLED BETWEEN THE WATERS EDGE AT M.L.L.W. AND ELEV. (-)30' USING A VIBRATORY HAMMER.

NO.	REVISIONS	BY	DATE	NO.	REVISIONS	BY	DATE



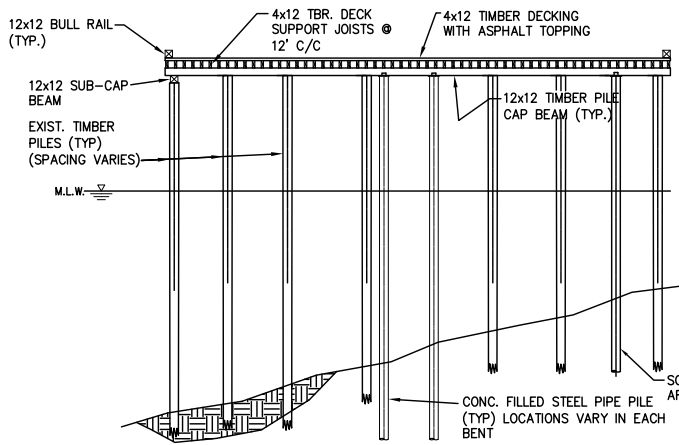
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SEAL

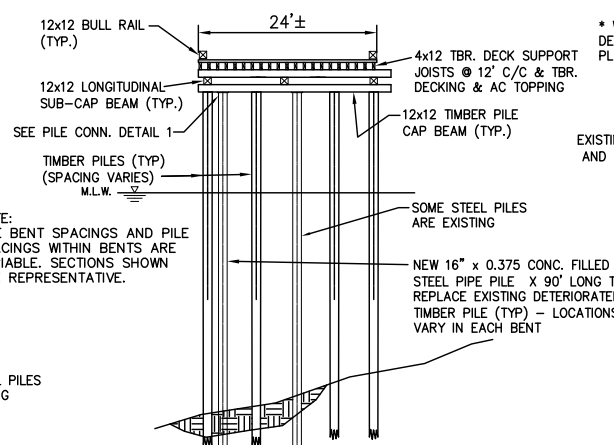
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SPERRY OCEAN DOCK
MARAD LAYBERTH FACILITY
PILE REPLACEMENT - SECTION AND DETAILS
TACOMA WASHINGTON

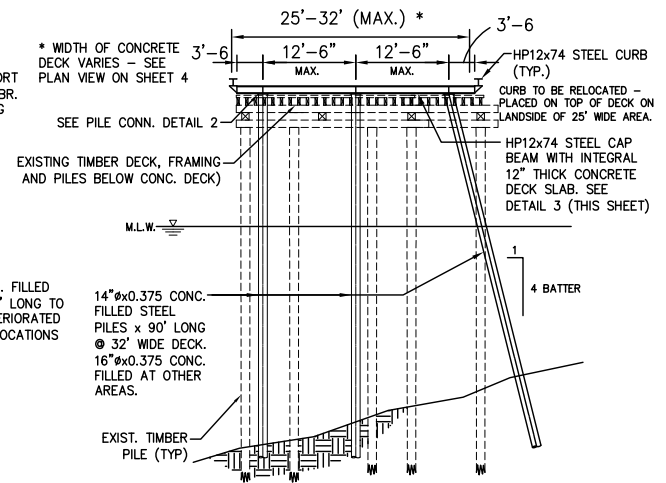
DRAWING NUMBER
22-005 3-P
REV 0



SECTION A-4/5



SECTION B-4/5



SECTION C-4/5  
(ALLOW. LL = 425 psf)

**DESIGN LOADS:**

1. PIER DECK DESIGN LIVE LOAD = 425 PSF
2. BASIC DESIGN WIND SPEED = 85 MPH. IMPORTANCE FACTOR II, EXPOSURE D

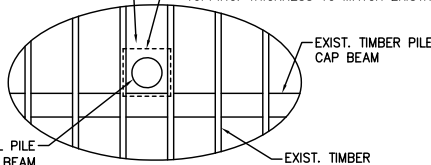
**PILING NOTES:**

1. ALL NEW PIPE PILES SHALL BE ASTM A252 GRADE 2 OR EQUAL.
2. PILES SHALL BE DRIVEN TO THE DESIGN TIP ELEVATION OR REFUSAL AS DETERMINED BY THE ENGINEER. CONTRACTOR IS TO PROVIDE ADEQUATE MATERIAL FOR CUT-OFF.
3. SPLICES SHALL BE FULL PENETRATION BEVEL WELDS AND SHALL BE IN ACCORDANCE WITH API RP2A AND AWS D1.1, LATEST EDITIONS.
4. ALL PILES ABOVE ELEVATION (-)45' ARE TO BE FACTORY COATED WITH FUSION BOND EPOXY (FBE).
5. CONCRETE FILL TO HAVE A 28-DAY COMPRESSIVE STRENGTH OF 3000 PSI.

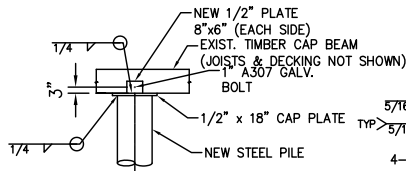
**STEEL NOTES:**

1. ALL STRUCTURAL AND MISCELLANEOUS STEEL SHALL BE ASTM A-36. ALL STEEL BEAMS SHALL BE ASTM A992 AND ALL HPs SHALL BE ASTM A572 GR 50.
2. ALL BOLTS SHALL BE ASTM A-325 WITH NUTS AND WASHERS, UNLESS NOTED OTHERWISE, GALVANIZED.
3. ALL CONNECTIONS NOT DETAILED OR OTHERWISE NOTED SHALL BE STANDARD AISC BOLTED OR AISC WELDED CONNECTIONS.
4. ANY REQUIRED WELDING SHALL BE DONE IN ACCORDANCE WITH AWS CODE. IF FIELD WELDING OF GALVANIZED PARTS IS REQUIRED, WELDED AREA SHALL BE CLEANED AND REPAIRED WITH "DRY GALV" OR "GALVANOX" ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
5. ALL WELDS SHALL BE 1/4" CONTINUOUS FILLET WELD UNLESS NOTED OTHERWISE.
6. BOLTS, NUTS AND OTHER HARDWARE SHALL BE GALVANIZED PER ASTM A-153.

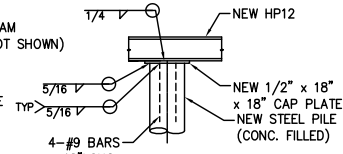
ADD TIMBER BLOCKING BELOW SEAMS WHERE NOT OVER TOP OF EXIST. JOISTS  
CUT EXIST. TIMBER DECKING ABOVE JOISTS. AFTER DRIVING PILE, REPLACE. SEAL SEAMS WITH EXPANSIVE FOAM, AND APPLY ASPHALT TOPPING. THICKNESS TO MATCH EXISTING.



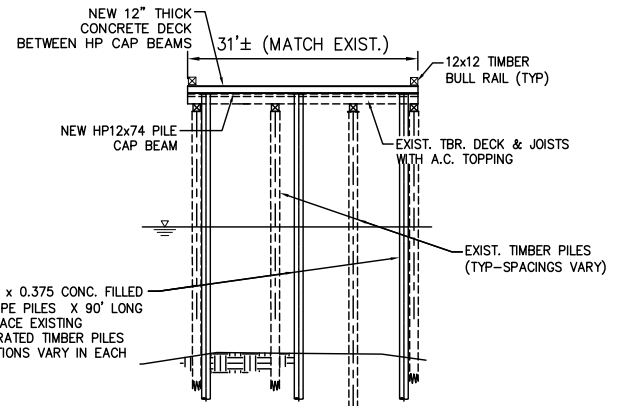
DECK DETAIL @ NEW PILE



PILE CONN. DETAIL 1



PILE CONN. DETAIL 2



SECTION D-4/5

NO.	REVISIONS	BY	DATE	NO.	REVISIONS	BY	DATE



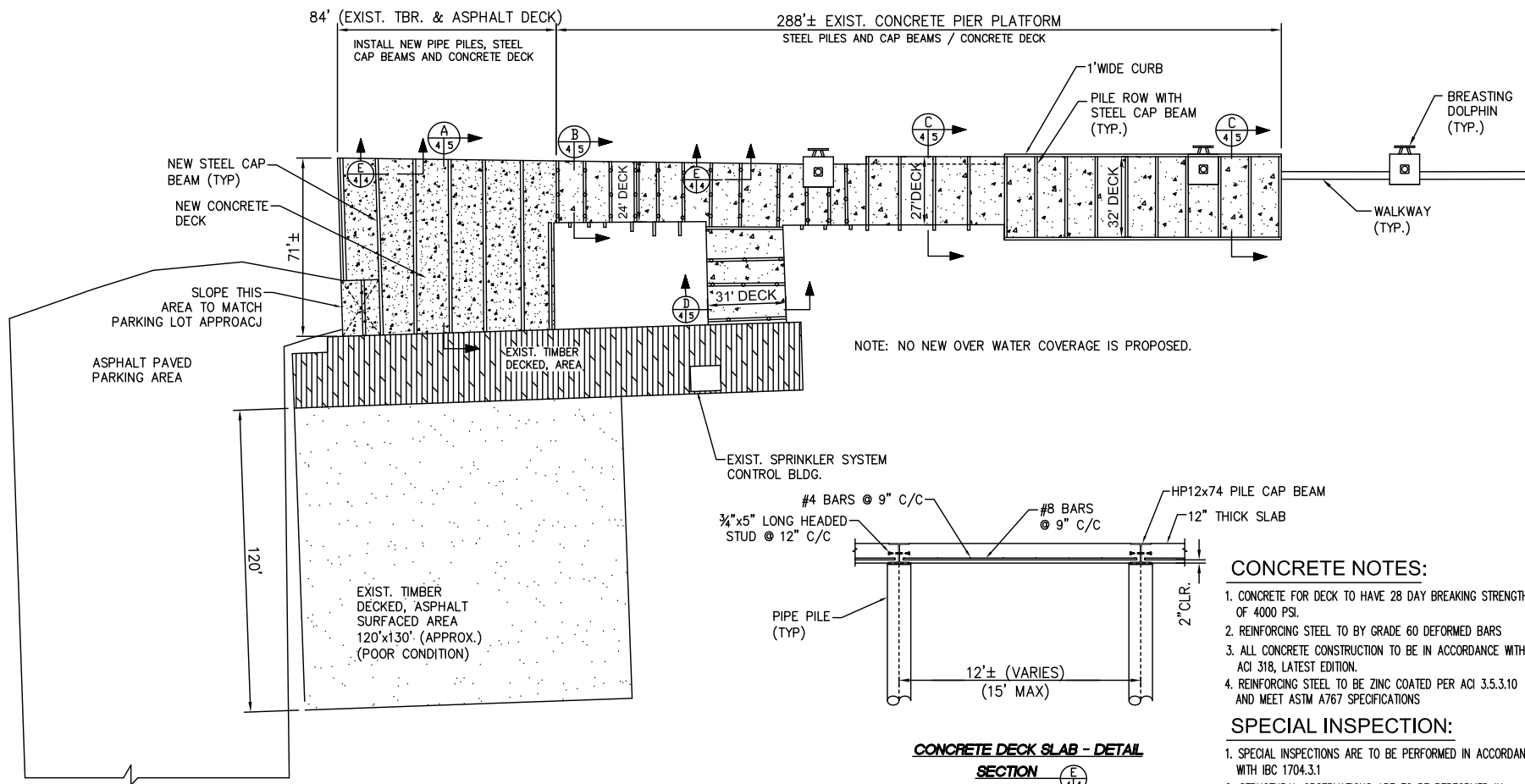
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(504)816-7772

SEAL

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CHECKED BY D.B.
SCALE 20

SPERRY OCEAN DOCK  
MARAD LAYBERTH FACILITY  
PIER REPAIRS - STRUCTURAL SECTIONS & DETAILS  
TACOMA WASHINGTON

DRAWING NUMBER 22-005 5-P
REV 0



NOTE: NO NEW OVER WATER COVERAGE IS PROPOSED.

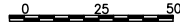
**CONCRETE DECK SLAB - DETAIL SECTION E-1**

- CONCRETE NOTES:**
1. CONCRETE FOR DECK TO HAVE 28 DAY BREAKING STRENGTH OF 4000 PSI.
  2. REINFORCING STEEL TO BY GRADE 60 DEFORMED BARS
  3. ALL CONCRETE CONSTRUCTION TO BE IN ACCORDANCE WITH ACI 318, LATEST EDITION.
  4. REINFORCING STEEL TO BE ZINC COATED PER ACI 3.5.3.10 AND MEET ASTM A767 SPECIFICATIONS

- SPECIAL INSPECTION:**
1. SPECIAL INSPECTIONS ARE TO BE PERFORMED IN ACCORDANCE WITH IBC 1704.3.1
  2. STRUCTURAL OBSERVATIONS ARE TO BE PERFORMED IN ACCORDANCE WITH IBC 1704.5

- PROJECT PURPOSE:**
1. THIS PIER MAINTENANCE PROJECT REPLACES EXISTING 50+ YEAR OLD DETERIORATING TIMBER PILES WITH NEW, STRONGER PIPE PILES.
  2. THERE WILL BE NO CHANGE OF USE OR LOADING FROM THE EXISTING.
  3. THIS PROJECT IS THE CONTINUATION OF AN ONGOING MULTI-YEAR PILE REPLACEMENT AND MAINTENANCE PROJECT, PREVIOUSLY PERMITTED.

**PIER PLATFORM - PROPOSED DECK LAYOUT - PLAN VIEW**



NO.	REVISIONS	BY	DATE	NO.	REVISIONS	BY	DATE
				1			

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DRAWN BY <b>A.B.</b>	SPERRY OCEAN DOCK		DRAWING NUMBER <b>22-005</b> 4-P
	MARAD LAYBERTH FACILITY		
	PIER REPAIRS- DECK LAYOUT - PROPOSED		
CHECKED BY <b>D.B.</b>	TACOMA	WASHINGTON	REV <b>0</b>
SCALE 20	SEAL		