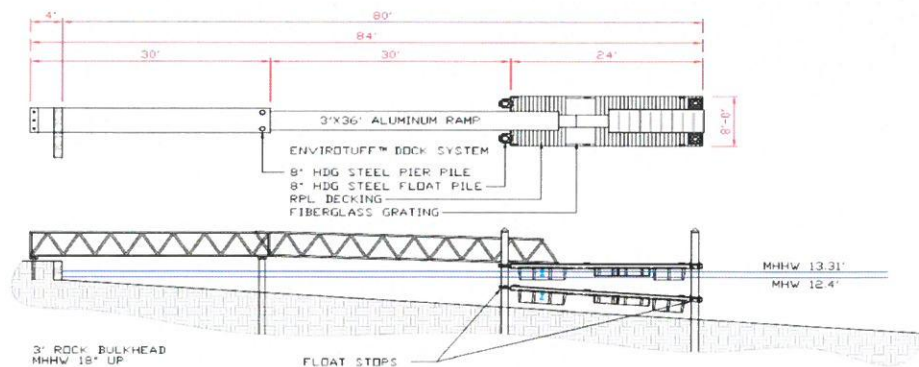




"Quality In Innovation"

273 North Shore Dr
Fox Island, WA 98333

November 2019



3' ROCK BULKHEAD
MHHW 18' UP

DEPTHS ARE AN ESTIMATE
AND WILL BE VERIFIED
AT A LATER DATE
BECAUSE SANDY DOESNT HAVE ANY
RUBBER BOOTS AND WONT WALK
THROUGH THE MUD

PROPRIETARY PROPERTY
MARINE FLOATS CORPORATION
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THE WRITTEN PERMISSION OF MARINE FLOATS
CORPORATION.

Marine Floats 1200 East D St • Tacoma • WA 98421 • 253-363-2749		
SCALE: 1"=10'	APPROVED BY:	DRAWN BY:
DATE: 11/16/19		REVISED BY:
PROPOSED PIER RAMP AND FLOAT		
MONICA & TERRANCE WALLACE FOX ISLAND		DRAWING NUMBER:



1208 East "D" Street
Tacoma, WA 98421
(253) 383-2740
Fax (253) 383-1102

Wood and Concrete
Floating Docks
Boathouses
Design & Permitting

November 20, 2019

273 North Shore Dr
Fox Island, WA 98333

Thank you for the opportunity to discuss your upcoming dock project. Our company has a 30 year history and an outstanding reputation for building superior projects throughout the Puget Sound area.

The following is our proposal and the estimated construction cost for your project. Please keep in mind that your input is welcomed.

Aluminum Pier

- (1) 4' x 30' aluminum pier with all welded truss
- 6 x 12 chemonite treated pile caps
- Pier decking is 100% fiberglass grating with 1½" squares and 69% open area
- Full side rails at 4" approximate spacing to meet code requirements

Ramp

- (1) fabricated aluminum ramp with 3' x 36' inside dimension
- Full length handrail with inside rails spaced to meet code requirements
- Decking is 100% fiberglass grating with 1½" squares and 69% open area
- Deck run-off plate with non skid surface at float end
- UHMW wheels and ramp guides
- Ramp connection hardware
- Transition plate

Float

- EnviroTuff® Float System
- (1) 8' x 24' float with polyethylene foam filled tub flotation
- Float surfaces are 50% composite decking and 50% fiberglass grating
 - Decking is 1 x 6 composite decking
 - Grating is fiberglass with 1½" squares and 69% open area
- White vinyl rub strip on sides of float and pneumatic white corners
- All timber Chemonite pressure treated Douglas/fir
- All metal fasteners are hot dip galvanized
- Cleats as needed

Piling

- Furnish and drive (2) pier piling (8 ¾" diameter galvanized steel with .322 wall thickness)
- Furnish and drive (4) float piling (8 ¾" diameter galvanized steel with .365 wall thickness)
- Furnish and drive (3) pin piling to secure pier behind bulkhead (3" diameter galvanized steel)
- (2) Galvanized steel pile hoops with rollers
- (2) Galvanized pile boxes with rollers
- Mobilization
- Towing

Float Stops

- Designed to prevent grounding of float
- (4) pile mounted float stops

Delivered and Installed – Permitting and sales tax are not included

66,400.00

November 20, 2019

Options

- Power – To be determined prior to the start of construction **\$ TBD**
- Water - Potable water piping from shore-side of pier to water side of ramp **\$ 1,050**
- ADA compatible 3/4" x 4" grating upgrade **\$ 1,950**
- Ramp to float project **\$49,800**

Permitting See attached Exhibit A Fee Schedule

Schedule To be determined by permitting process

Proposal This proposal is valid for 60 days and subject to revision based on changing construction costs. Design modifications may be required due to regulatory request which could also affect the final cost.

Terms Permitting fees including tax and 10% of construction cost excluding sales tax with contract, 40% of construction cost plus first 50% of sales tax when construction is scheduled and balance of construction cost and sales tax at time of completion.

Limited

Warranty 10 year warranty per 'Contract Conditions'

I know that you will find Marine Floats a company of high integrity that provides quality work. We would be glad to provide you with additional information and references. We look forward to working with you on this project.

Cordially,



Randy Popp
MARINE FLOATS CORPORATION
rp/as



Marine Floats Corporation - PERMITTING EXHIBIT A

There is no guarantee of approval of these applications as submitted or as modified.

CLIENT _____ DATE **November 19, 2019**

FEES FOR DOCK PERMITS ARE ESTIMATED. ADDITIONAL FEES OR SERVICES MAY BE REQUIRED BY OTHER AGENCIES.
ONLY THE PRICED LINE ITEMS BELOW ARE INCLUDED. MFC WILL SEEK CLIENT APPROVAL IF ADDITIONAL EXPENDATURES ARE REQUIRED.

<p>1. Marine Floats Processing Fee - After 47 hours, permitting to be billed at \$85/hr 4,000.00</p> <hr/> <p>2. Shoreline Substantial Development Application Pierce County 4,330.00</p> <hr/> <p>3. Shoreline Substantial Development Exemption 740.00</p> <hr/> <p>4. State Environmental Policy Act (SEPA) Environmental Checklist Review 1,200.00</p> <hr/> <p>5. Structural Engineer Stamped Drawings and Calculations - Estimated \$ at time of Building Permit 800.00</p> <hr/> <p>6. Building Permit Fee - Estimated - subject to local building departments 1,900.00</p> <hr/> <p>7. Building Inspection 2,250.00</p> <hr/> <p>8. Biological / Habitat Survey Dive Report 2,250.00</p> <hr/> <p>9. Biological / Habitat Dive Survey Required by Endangered Species Act 2,500.00</p> <hr/> <p>10. Archeological Survey - Required In Limited Areas</p>	<p>11. Shoreline Conditional Use Permit - Administrative 2,165.00</p> <hr/> <p>12. Shoreline Variance Permit 2,565.00</p> <hr/> <p>13. Washington State Dept. of Fish & Wildlife HPA</p> <hr/> <p>14. Wetlands Delineation Survey, Report & Application 2,500.00</p> <hr/> <p>15. Critical Fish & Wildlife Review Application</p> <hr/> <p>16. Habitat Management Plan Report & Review</p> <hr/> <p>17. Site Plan/Survey Required for Submittals TO BE PROVIDED BY OWNER</p> <hr/> <p>18. Environmental Impact Mitigation Assessment</p> <hr/> <p>19. DNR</p> <hr/> <p>20. Army Corps of Engineers -Permit Administration 2,500.00</p>
Total Fees:	
24,950.00	

IMPORTANT INFORMATION

Client is responsible to provide: 1) legal description of the property description, 2) a site plan/survey property dimensions and all structures. Application for permits from: the Army Corps of Engineers, WA State Department of Fish and Wildlife, and Local Jurisdictions will be prepared and submitted by Marine Floats.

1. General review criteria and dimensional limits vary per jurisdiction and are subject to the Washington State Department of Ecology, WA State Shoreline Management Act, and Federal Endangered Species Regulations.
2. **All jurisdictions, counties and cities are heavily promoting the issue of Joint-Use Docks in their permit review process. A requirement of the applicant will be to provide documentation that they have investigated, with adjoining shoreline owners (each side), the possibility of joint use. If the possibility is not feasible, then this should be stated in writing by the adjoining property owners. Marine Floats has sample letters for your use. As an incentive Joint-Use may allow for some increase in the size of the project.**
3. The Endangered Species Act requires a Biological Evaluation or Habitat Survey to be done by an approved marine biologist. Field work can only be completed during the months of June - Sept. The timing of the construction of the project will be determined by the Biological Evaluation or Habitat Survey and the state and federal agencies. Compensatory mitigation is required for most projects and considered in the following order; mitigation bank credits, in-lieu fee credits, permittee responsible mitigation onsite and in-kind and offsite and in-kind. National Marine Fisheries will apply the Habitat Equivalency Analysis to assist in determining a dollar value of the project impacts and used on off site shoreline restoration projects.

It is our policy to provide the Biological Evaluation to the Corps of Engineers to expedite the process. We contract with marine biologist consultants to perform this work and they write the report based on their findings from surveying the permit application site. The Corps of Engineers must submit the Biological Evaluation or Habitat Survey with the application to National Marine Fisheries Service - along with US Fish and Wildlife who are the administrators of the Endangered Species Act.

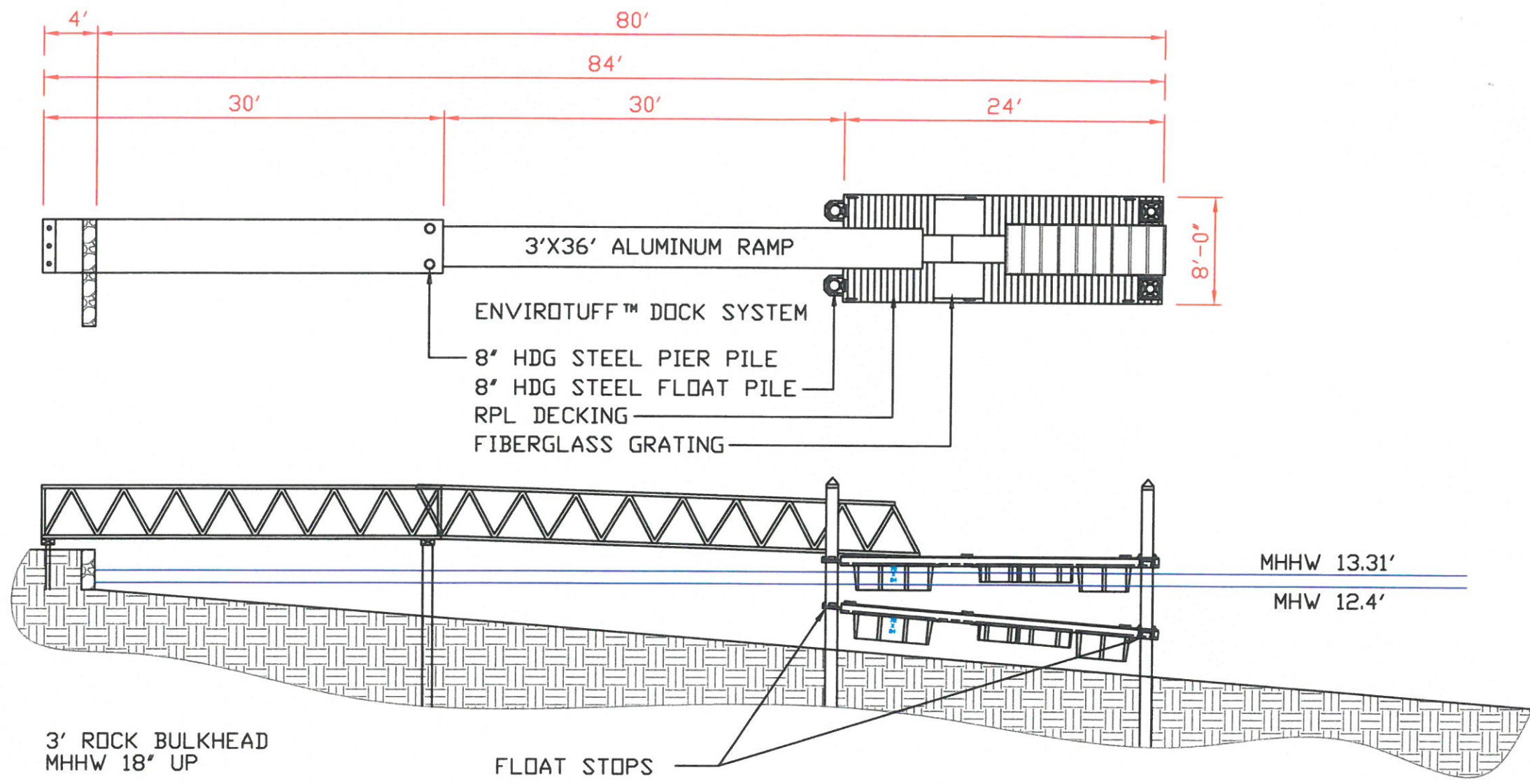
There are ongoing changes being done by local shorelines jurisdictions, the Corps of Engineers, National Marine Fisheries Service, and US Fish and Wildlife Service that we continue to monitor. We hope for continued improvement in the process as we communicate and work with these agencies.

ACCEPTED
(please initial) _____

DATED _____

ACCEPTED
(please initial) _____

DATED _____



3' ROCK BULKHEAD
MHHW 18' UP

FLOAT STOPS

MHHW 13.31'
MHW 12.4'

DEPTHS ARE AN ESTIMATE
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