



WATERFRONT

Art Anderson, a small veteran owned business, employs over 30 architects and naval architects, planners, construction managers and civil, structural, mechanical and electrical engineers, along with an in-house CAD team to create an interdisciplinary team, able to explore complex projects and provide innovative and effective solutions. Our mix of landside and marine expertise allows us to tackle unique and challenging projects on land and water. Our naval architects and marine engineers have intimate knowledge of floating structures and ship systems, while our facilities architects and engineers understand the challenges of land-based structures and site development.

Over/Under Water Structures

Our team of engineers have marine infrastructure design expertise in:

- Breakwater/wave screen
- Underwater utility systems
- Underwater fuel systems
- Underwater concrete design
- Barge and stability analysis
- Shore anchoring
- Piers

Upland A&E

Whatever the challenge, whether its engineering, scheduling, procurement, constructability or regulatory, our civil, structural, mechanical, and electrical engineers are up for tackling it. Expertise and 65 years of experience have taught us that the innovative engineering alone isn't enough. We have both the engineering expertise and the project delivery experience to ensure the best outcome possible.

Floating Structures

Art Anderson is the industry leader for floating structures. Working as an integrated team through many projects, we offer a highly integrated, collaborative environment that can address the variety of unique challenges that face non-powered floating infrastructure projects:

- Fueling barge
- Fish barge
- Buoy tender
- Floating Powerhouse

Waterfront Infrastructure

Specializing in waterfront infrastructure planning and design is something our team excels at. Successfully combining marine disciplines (naval architecture, marine engineering) with traditional facilities A/E disciplines (civil, structural, mechanical, and electrical), Art Anderson is effective in helping clients solve both small emergent needs and complex waterfront issues.

Civil/Structural

Civil and structural engineers understand the behavior of fixed structures like piles and mooring systems that keep everything in place.

- Site / Building Pad Development
- Grading and Parking Lots
- Signs & Marquees
- Retaining Walls / Structures
- Site Drainage Design
- Foundation Inspection & Repair
- Structural Inspection and Modification
- Seismic Improvements

Mechanical/Electrical

Our mechanical and electrical engineers, all of whom cross-train in landside and marine systems, ensure utilities are robust and reliable to meet the life cycle demands.

- Emergency Power Generation
- HVAC and Environmental Controls
- Interior and Exterior Lighting Design
- Energy Efficiency Improvements
- Commercial Kitchens
- Boiler & HVAC Replacement
- Plumbing and Piping Design



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541310 Architectural
541340 Drafting
541350 Building Inspection

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GSA Schedule: GS-10F-0159U
SEAPORT-NxG Contract: N00178-14-D-7178

IN-HOUSE



Naval Architects



Mechanical Engineers



Electrical Engineers



Civil Engineers



CADD Team



Operations Team

ART ANDERSON STATISTICS



32 People Working as a Team



65 Years of Achievements



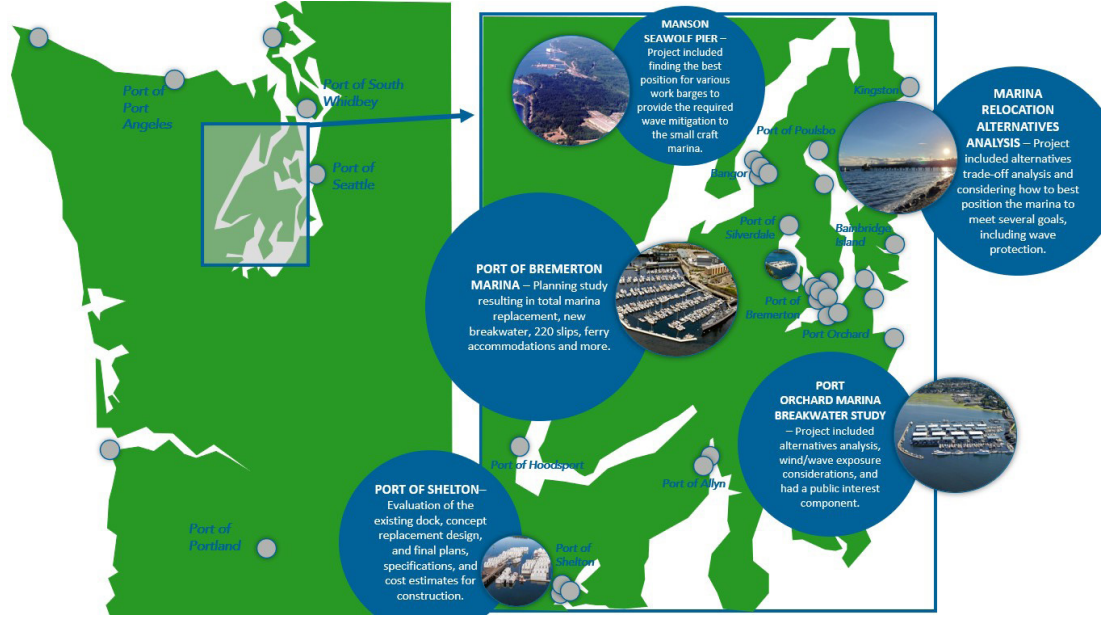
4,000+ Awarded projects in recordable history



SAME Small Business of the Year 2021

WATERFRONT EXPERIENCE

Art Anderson has a long history of supporting Ports and waterfront developments with design, permitting, grants, bid solicitation, and construction management. We are uniquely qualified to tackle both landside and waterfront projects, especially marinas and terminals. Our engineers practice landside, near-shore, and over water engineering including fixed and floating structures, recreational facilities, transportation facilities, harbor protection, and working waterfronts such as boatyards.



ART ANDERSON CAPABILITIES

Naval Architecture & Marine Engineering

- Feasibility studies
- Marine electrical engineering
- Hybrid power system engineering
- Ballast water treatment, and vessel VGP design & engineering
- Regulatory (ABS, USCG, API) compliance
- Vessel overhauls and life extension
- Propulsion type evaluation
- Propulsion sizing and design
- Preliminary design
- Structural finite element analysis (FEA) steel and aluminum
- Contract level and detailed (final) design
- Computational Fluid Dynamic (CFD)
- Cost estimates
- Vessel inspections and condition evaluations
- Shipyard construction inspections
- Shipyard engineering phase support
- Related design studies, analysis and reports
- Vessel inclining tests

Architecture & Engineering

- Facilities and Land-Based A&E
- Military and Public Facilities Engineering
- Emergency Power Generation
- HVAC and Environmental Controls
- Interior and Exterior Lighting Design
- Energy Efficiency Improvements
- Commercial Kitchens
- Boiler & HVAC Replacement
- Plumbing and Piping Design
- Site / Building Pad Development
- Grading and Parking Lots
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- Foundation Inspection & Repair
- Structural Inspection and Modification
- Construction Management



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