



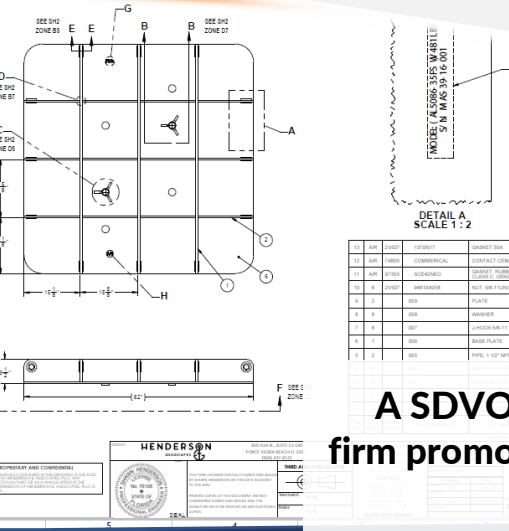
Henderson & Associates, PLLC

OCEAN ENGINEERING AND NAVAL ARCHITECTURE

CAGE: 89YT3

DUNS: 10-6620068

UEI: DFEMNM6N4FQ6



A SDVOSB ocean engineering and naval architecture firm promoting safety, efficiency, and accountability in the underwater services sector.

ABOUT US

Henderson & Associates, PLLC (H&A) is an ocean engineering and naval architecture firm headquartered in Ponte Vedra Beach, FL.

Founded in 2017 by a former U.S. Navy Diver and licensed professional engineer, H&A combines over 30 years of practical underwater experience with precision engineering to spearhead interdisciplinary projects for public and private clients in all marine sectors, including defense, underwater infrastructure, offshore energy, commercial shipping, and salvage

NAICS CODES

H&A provides a variety of exemplary services under the following North American Industry Classification System Codes (NAICS)

541330	336611	561990
541990	488390	237990

CORE COMPETENCIES

- Licensed Professional Engineer (P.E.)
- Structural Analysis and Design
- Welding and structural inspection
- Quality assurance and Quality control
- ANSYS Mechanical Pro FEA Software
- HECSALV Software
- Piping Design (P&ID), 3-D Isometric Drawings
- Cofferdam/Rigging/Lifting Analysis
- Damage assessment and repair planning
- Welding procedure development & qualification
- Solidworks Drafting and Design
- Marine construction project management

***Peer-reviewed manuscript 2023 SNAME Maritime Convention, "Ship/Wreck Hull Welding for Engineers (Above & Below the Waterline)"**



QUALITY COMMITMENT

At H&A, we provide quality professional engineering solutions for your projects. Our team promotes safety, efficiency, and accountability in all aspects of the underwater services sector.

DIFFERENTIATORS

- Licensed and Registered Professional Engineer with ADCI Certified Commercial Divers
 - AWS D3.6 Certified Underwater Welders
 - Fully mobile (72 hours worldwide) marine damage assessment personnel
- Full-service professional engineering firm with CAD designer and professional engineer stamped drawing capability
 - 3rd party Quality Assurance and Quality Control for ocean engineering services.
 - 3D scanning (P.E. tactile, clear water box photography, laser, SONAR)
- NDT Level III WPS/NDT (welding procedure and nondestructive testing procedure development – job specific)
 - NDT LI, LII & LIII Training and Certification for Magnetic Particle Testing, above and below the waterline

PAST PERFORMANCE



Underwater Welding

Joint Base Pearl Harbor Hickam
Honolulu, HI 2025

H&A logged 500+ hours at the DHO JV Drydock #5 inspecting weldments using proprietary magnetic particle inspection techniques develop specifically for this project that's exceed the requirements for ASNT-CP-189.



Underwater Quality Control

Naval Submarine base
Kings Bay, GA 2021-2023

H&A provided underwater quality control for engineering plans and diving operations during the drydock recapitalization. This included stamped engineering drawings and welding procedure development and qualification.



Underwater Professional Engineering Design and Project Management

Norfolk, VA
USNS BOBO 2024, USNS Lopez 2025

H&A provided professional engineering design, PE-stamped production drawings, and on-site project management for the decommissioning of USNS BOBO and USNS LOPEZ. Both vessels required welded and mechanical patches and plugs below the waterline.

CLIENTS AND ORGANIZATIONS



US Army Corps of Engineers®



FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS



TBPE
Texas Board of Professional Engineers
Engineering For A Better Texas



MEMBER



COMPANY PROFILE

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