



MANAFORT PRECISION PORTSMOUTH NAVAL SHIPYARD BUILDING

Concrete



PROJECT

Portsmouth Naval Shipyard Building

MARKETS

Concrete

CONTRACT TYPE

Specialty Contractor

PROJECT OWNER

United States Navy

LOCATION

Kittery, ME

The Portsmouth Naval Shipyard is responsible for the overhaul, repair, and modernization of US Navy submarines. Established in 1800, it is the Navy's oldest continuously operating shipyard. Manafort-Precision was selected to perform the Architectural and Structural Concrete work for the creation of a consolidated, state-of-the-art industrial material handling facility to streamline the flow of critical submarine components during ship overhaul evolutions.

This Energy Conservation and Structural Repair project included the installation of cast-in-place concrete foundations and slabs, as well as concrete slab replacement of the former Naval Shipways Building No. 178.

Critical to the overall success of this challenging project was the required use of a specially formulated, marine concrete mix design. Manafort created trial mixes, using various percentages of admixture dosages and corrosion inhibitor, and evaluated and selected the final marine mix design.

Manafort provided all labor, materials, and equipment to complete the concrete scope of work for this project, including scheduling and coordinating work within an active military environment. Despite the many design and logistic challenges, all work was successfully coordinated and safely completed on time and within budget.

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