



TESORO CORPORATION

A Tetra Tech Company

MULTI MISSION COAST GUARD STATION

Oak Island, North Carolina

PROJECT CATEGORY:
Operational Facilities

CLIENT:
Coast Guard Facilities
Design and Construction
Center, Atlantic

ARCHITECT:
Cline Design Associates
Charlotte, NC

PROJECT DELIVERY:
Design-Build

CONTRACT AMOUNT:
\$3.1 Million

COMPLETION DATE:
July 2004



This Design/Build project involved the construction of a new 10,740 sq. ft. multi-purpose station building. The 2-story building houses a communications center, galley, messdeck, offices, mechanical spaces, and 12 berthing rooms. The new structure was designed and built to comply with the latest coastal hurricane survivability codes.

Work included timber foundation pile installation, building construction, sitework, utility connections, paving, removal and disposal of two office trailers, capping of the utilities to the trailers, demolition of the wood deck adjacent to the trailers, pilings, concrete footings, masonry foundation walls and a precast plank floor system.

The structure consisted of a structural steel envelope, light gauge metal wall framing, and plywood shear walls throughout. Mechanical systems included a complete HVAC system, complete electrical including a new emergency generator, a fire protection system with new fire pump and tank, security, communications and a lightning protection system.



Integrity

Responsiveness

Experience

Professionalism

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