



## Marine Corps Operational Training Center

**Location:** Twentynine Palms, Calif.

**Client:** U.S. Navy  
Southwest Division

**Completion Date:** October 2006

### PROJECT SUMMARY

Design and construction for Project P-614 Operational Training Facility, Marine Corps Air Ground Combat Center in Twentynine Palms, Calif.

The work includes constructing a single-story reinforced concrete building for use as a consolidated battlefield modeling/simulation training center, instrumented equipment maintenance facility and storage facility. The building meets seismic code requirements and consists of concrete foundation, floor and tilt-up concrete walls and standing seam metal roofing.

The building has concrete floor slab reinforcement run continuously through both faces of the slab and into beams and columns. Open web steel joist roof support. It will have a 3,230-square-foot core area that will be Sensitive Compartmented Information Facilities (SCIF) rated and contain a walk-in information storage vault. Community and service core areas consist of administrative offices, kitchenette, housekeeping areas and public restrooms.

### SERVICES PROVIDED

- Design-build
- Quality control

### PROJECT BACKGROUND AND DESCRIPTION

Electrical systems include raised flooring, fire alarms, energy saving electronic monitoring and control systems (EMCS) and information systems. Mechanical systems include plumbing, fire protection system, heating ventilation and air conditioning.

Supporting facilities work includes site and building utility connections (water, chilled water, high temperature hot water, sanitary sewers, electrical, telephones, local area network and CCTV system). Paving and site improvements include loading docks, sidewalks, roadway access, parking spaces, earthwork, grading and landscaping.

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