

## U.S. Marine Corps Base Camp Pendleton



Modular Building  
Concepts, Inc.

# project profile

**Location:** MCB Camp Pendleton, CA

**Building Size:** (2) 72'x60'

**Square Feet:** 8,640

**Building Use:** Computer testing laboratory & offices

**Client Challenges:** Camp Pendleton required two modular buildings, one for a computer lab and one for supporting office personnel. The challenge was the computer lab. They needed a completely operational and functional modular facility that would accommodate a highly sophisticated computer testing system.

**The MBC Solution:** MBC designed, engineered and installed a 4,320 square foot custom lab to house all of their computers. To keep the computers cool and running properly a heavy duty raised floor system was constructed on site. The floor included HVAC ducting and custom grills to properly distribute chilled air from beneath the computers. The entire ducting system was designed with smoke detectors that automatically turned off the HVAC if it sensed any smoke in the line. Special phone, data and IT boxes were also furnished throughout the floor allowing computers to be moved virtually anywhere in the building. A mass notification system and fire alarm system was installed as well. MBC worked with one of Camp Pendleton's recommended "8A" contractors on this project. The project was completed in a matter of weeks and met or exceeded all government expectations.



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