



HDR: One Company / Many Solutions

HDR is a member of exclusive company in the United States – as a truly full-service architectural /engineering firm. One of the greatest benefits derived from HDR’s full-service status is the vast experience of our personnel. From HDR’s start in 1917, the company has grown to a firm offering expertise in over 50 design and science disciplines.

Business Indicators

- **Ranked No. 17 among Engineering News-Record’s 2006 “Top 500 Design Firms”**
- **Work obtained from repeat clients: 80 percent**
- **Projects in all 50 states and in 60 countries**



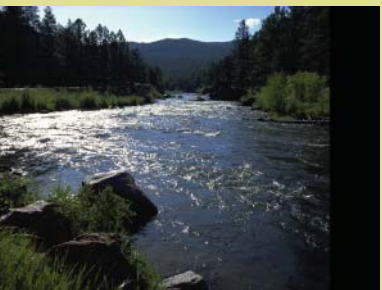
HDR engineers, architects, and scientists have extensive experience serving Federal clients both as consultants and as former employees of Federal agencies. Our project approach combines technical knowledge with an understanding of Federal agencies’ goals and objectives. We work as an extension of their staffs, operating as one team through open communication, trust, and respect.

Military Construction

HDR’s extensive experience in providing support for the Department of Defense and military bases consists of a diverse project capability. HDR has designed and provided facility architectural/engineering design services for a wide range of military, commercial, and industrial renovations, repairs and alterations, as well as new construction.

Environmental Planning

HDR is on the forefront of Federal project delivery, continuing a tradition of excellence in its Civil Works Programs. Our project approach combines technical knowledge with an understanding of the military principles and guidelines. Exceptional service is assured through the leadership of HDR professionals with over 200 years of combined experience working on military installations.



Environmental Compliance and Restoration

With over 20 years experience in the compliance, investigation, and remediation field, HDR is actively involved in developing guidance documents, technical manuals, and guide specifications for the Department of Defense, EPA, Department of Energy, state and local agencies, and the private sector.



Below is a short sampling of our MILCON Work around the nation.

**Global Hawk Two Bay Maintenance Hangar
USACE Sacramento District | Beale AFB, CA**

HDR is currently completing full design services for this two-bay hangar to support the operational and maintenance mission of the Global Hawk (Unmanned Aerial Vehicle) located at Beale AFB, California. The facility design includes 23,000 SF for the aircraft hangar and 12,000 SF for the administrative/ maintenance/ building environmental systems. The support functions conducted within the facility include three major activities; heavy maintenance, phase inspections, and pre-flight operations. The design can also accommodate, with minor modifications, potential re-use of this hangar for future aircraft programs. Critical design components included a long span structure with column-free floor area, clear span hangar door opening, Mass Notification, High Ex foam fire suppression systems, SCIF vault, seismic design, airlock door designs, ADA compliance, adherence to stringent California air quality standards, GPS/satellite microwave interface, force protection, and Class 1, Division 1 fire protection criteria which impacts architecture, mechanical systems, electrical systems, and fire protection systems. Design deliverables were in MII. HDR prepared both the CID

**Pararescue Training Complex, Kulis Air National Guard
USPFO for Alaska | Anchorage, Alaska**

HDR designed a 42,000 SF, three-story facility to be used for training and support of the ANG's land and sea rescue contingent at Kulis. Site improvements include four parking areas totaling 80 stalls, utilities, lighting, sidewalks, surface drainage and roadways. The building includes training rooms, mock helicopter rescue/retrieval training, 65-foot high parachute drying towers and a 35-foot rock climbing wall. There are weapons cleaning and storage rooms, boat storage and repair, ATV storage and repair, administrative spaces and conference rooms. Parachute packing and repair, a gymnasium and associated general administrative storage are also on site. Current force protection criteria have been incorporated into the total facility design.



**Wing Headquarters/Administrative Facility
USACE Omaha District | Buckley Air Force Base, Aurora, Colorado**

HDR was responsible for programming (including a design charrette) and the complete design of a new Wing Headquarters/Administrative Facility for the 460th Air Base Wing located at Buckley AFB. The facility includes administrative office space and law offices and courtrooms for the Judge Advocate General. Specific spaces within the building are hardened to meet specific security measures and include Sensitive Compartmented Information Facilities (SCIF) design. The building also contains significant communication, computer, and emergency power systems for specific areas and functions. The exterior of the building is composed of both masonry and pre-cast concrete. The architecture and color schemes were carefully selected to match the existing installation's architecture and to fully conform to the installation's Facility Excellence Plan.

