

Canyonlands Community Health Care Clinic

Project Information

Location: Chilchinbeto, AZ

Construction Role: Prime, General Contractor, Design/Build Project

Contract Value: \$438,000

Percentage of Work Self-Performed:

Approximately 80%

Work Dine Self Performed:

Site Design

Scheduling

Estimating

Project Management

Supervision

Contractor Quality Control

Building Erection

Site Work

Foundations

Date Construction Began:

Aug 2010

Date Construction Complete:

Nov 2010



General Scope of Construction Project:

Diné was awarded the contract to design and build a 3,200 square foot modular medical facility for the Canyonlands Community Health Care Clinic located on the Navajo Indian Reservation in Chilchinbeto, AZ. The clinic design includes six examination rooms, a triage area, pharmacy, laboratory, nurse's station, and office/administration areas. The facility includes a temperature controlled communications room and Cat. 5 cable with phone/data jacks in each room. During the eight week design phase, Diné worked with the Owner and the clinic staff to develop floor and site plans to meet their needs for function, accessibility, and security.

The remote desert site presented several construction challenges. In addition to logistical challenges for building material deliveries, the sloping site was subject to heavy storm water flow from nearby mountains and access was needed from the new clinic to an existing facility at the site. Diné used its experience gained in previous projects in the Southwest to navigate through these issues and find satisfactory solutions.

The site design includes a partial "pit set" of the building to overcome the elevation differential of the site. Sidewalks and ramps were constructed to provide handicap access from a new parking area to both new and existing buildings. The entire site was graded to correct drainage issues at the existing building and to divert storm water away from the new structure. Care was taken throughout the project to preserve and protect a historic rock wall at the existing facility.



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