DILKON HEALTH CENTER AND STAFF QUARTERS



DES Project Managers
TVCPA Project Managers

Location
Area Office
Tribe(s) Served

Design Start
Const. Start
Grand Opening
Size
Procurement Method

TVCPA Contract Type: Dilkon Medical Center
TVCPA Contract Type: Dilkon Staff Quarters
Dilkon Staff Quarters Design-Builder
LEED Certification
Services Programmed for New
Facility:

CAPT Paul Gagliano, PE / Bruce Kemmet, PE VanDerrit Poyer (WIHCC) and Ray Bedoni (WIHCC)

Dilkon AZ

Navajo Area

Navajo Nation: Winslow Indian Health Care Corporation (WIHCC)

June 2017

November 13, 2018

August 4, 2023

154,000 square feet + 109 Staff Quarters Units Public Law 93-638 Title V Construction Project Agreement (TVCPA)

Design-Bid-Build (TVCPA \$130,654,412)
Design-Build (TVCPA \$59,073,138)
JSRA Architects-Greenberg Construction

LEED v4 Gold

Community Health, Diabetes, Mental Health, NN, Audiology, Dental, Emergency, Eye Care, Primary Care, Specialty Care, Diagnostic Imaging, Laboratory, Pharmacy, Rehabilitation Services, Behavioral Health, Environmental Health, Health Education, Public Health, and Wellness Centers.

IHS Dilkon Medical Center: Sustainability Profile

Building owner: Indian Health Service

Location: Dilkon, Arizona

Climate zone: 5B-Dry (Desert/Xeric Shrubland)

Project size: 144,456 square feet
Elevation: 5,885 feet above sea level
Completion date: December 31, 2021



Energy Savings: Estimated to save \$122,710 per year for a percent savings of 35.7% when compared to the ASHRAE 90.1-2013 baseline standard.



Water Savings: Primarily through the use of low flow fixtures with automatic controls, potable water consumption is reduced by more than 39.3% over the 30% LEED baseline threshold.



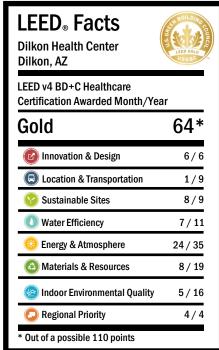
Innovation: The designed solar photovoltaic (PV) arrays consists of 628W PV panels (949) on the roofs generating 13.2% of the buildings annual electrical load. In terms of reducing greenhouse gases (CO2 emissions) this is equivalent to 53.6 homes' electricity use for one whole year (EPA)!



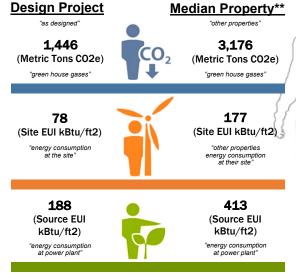


Sustainable Sites: The designed plant palette is indigenous to the immediate area of the Navajo Nation to promote a healthy and diverse bio-habitat that also provides refuge and foraging for native birds and pollinators. This supports the success and vigor of flowering plants, making ecosystems stronger, more resilient, and enhancing the environment for human populations.









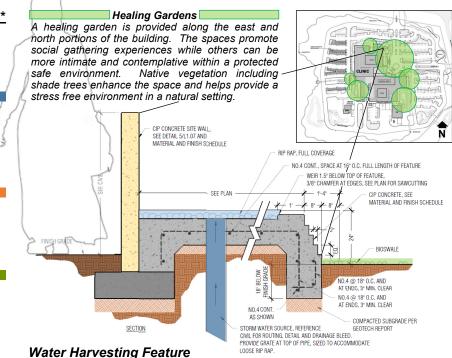


50 Score

"typical design out of 100"

Statement of Energy Design Intent

** Measure of how well property is performing relative to similar properties in the U.S.



Certified:40-49 pts., Silver:50-59 pts., Gold:60-79 pts., Platinum:80-110 pts April 2023 * Pending LEED Certification Review