

PUEBLO PINTADO HEALTH CENTER



DES Project Manager

Robert McClain

Location

Pueblo Pintado, NM (Navajo Nation)

Area Office

Navajo Area Office

Tribe(s) Served

Navajo Counsellors, Cuba, Haspah, Ojo Encino, Pueblo Alto, Pueblo Pintado, Rincon Marcus, Star Lake, Tinian, Torreon, and Whitehorse Lake communities

Design Start

April 19, 2021

Const. Start

TBD

Size

125,383 SF

Procurement Method

Direct Federal

Delivery Method

Design-Bid-Build

Architect of Record

HFG Architecture

Prime Contractor

TBD

Energy Efficiency

34% over base line

LEED Certification

LEED v4 Master Site (*Campus*)

LEED v4 BD+C NC (*Bldg.s A and B*),

LEED Gold

Services Programmed for New Facility: Primary Care, Specialty Care, Pediatrics, OB/GYN, Internal Medicine, Eye Care, Audiology, Dental, Podiatry, Helipad, Diabetes Program/Special Diabetes Program Initiative (SPDI), Health Education, Public Health Nursing, Environmental Health, Public Health Nutrition, Laboratory, Diagnostic Imaging, Pharmacy Services, Physical Therapy, Behavioral Health, Social Services Traditional Healing, Alcohol/Substance Abuse Administrative Support, Information Management Business Office, Health Information Management, Contract Health Services, Security, Property and Supply, Housekeeping, Wellness Center, Community Health Programs Shared Space (Shared by I.H.S./Tribe), Clinical Engineering Facilities Support/Management, Navajo Nation (NN) Health Education, NN HIV Prevention, NN Communicable Disease Program, NN Community Health Representative (CHR) Program, NN SDPI Program, NN Women, Infant, and Children Nutritional Program, NN Behavioral Health Program, NN Emergency Medical Services, Cafeteria

Design Concept

The Pueblo Pintado Health Center will be a modern, technologically advanced facility with enough space and staff to provide an expanded level of healthcare services specifically designed to meet the health needs of the American Indian & Alaskan Natives in the Crownpoint Service Unit. In addition to the Indian Health Service programs, several tribally operated health programs are incorporated into the new facility. This will improve access to medical care as well as improve the collaboration and partnership between the Navajo Nation and the Indian Health Service. The new facility will provide an expanded outpatient department, community health department, and a full array of ancillary and support services.

IHS Pueblo Pintado Health Center: Sustainability Profile

Building owner: IHS/Phoenix Area Office

Location: Pueblo Pintado, New Mexico

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

Project size: 124,621 square feet

Elevation: 6,512 feet above sea level

Completion date: Design Only: November 2022



Landscaping: The project will implement water-efficient landscaping by incorporating native, non-invasive, drought-tolerant, and low-maintenance plant species for the arid climate. Outdoor amenities are to include vegetated courtyards, spaces for gathering, and a hallowed space for the spiritual practice of healing within in a traditional hogan. **No irrigation** system will be installed, resulting in 100% reduction in outdoor water use.



Culture & Influence: The architectural expression is a passionate response to the issues and concerns raised by the Navajo Nation Steering committee, the IHS Project Leadership Team and the IHS Design Group with the Crownpoint Service Unit. Both groups envisioned a place of community connection and holistic healing. Rising with striking distinction from the silty soils of Pueblo Pintado, the building design comprises imagery inspired by the Visual Preference Survey and follows a directive issued from the members by their selection of Option 3 to experience a destination "unlike any other seen in the Navajo Nation."



HFG architecture-Architectural Rendering

East Elevation—Main Entrance

LEED® Facts	
Pueblo Pintado HC Pueblo Pintado, NM	
LEED v4.1 BD+C Healthcare (HC) Certification Awarded: Pending	
Gold	66*
Innovation & Design	4 / 6
Location & Transportation	3 / 9
Sustainable Sites	8 / 9
Water Efficiency	5 / 11
Energy & Atmosphere	17 / 35
Materials & Resources	12 / 19
Indoor Environmental Quality	12 / 16
Regional Priority	4 / 4
Integrative Process (HC Adaptation)	1 / 1



HFG architecture-Architectural Rendering

Navajo Nation EMS

Design Case

"ASHRAE 90.1-2016"

1,656,964
(lbm/yr. CO₂e)

equivalent to 167 gas-powered passenger vehicles driven for one year



Baseline Case

"ASHRAE 90.1-2016"

2,830,151
(lbm/yr. CO₂e)

equivalent to 286 gas-powered passenger vehicles driven for one year

36,952
Site EUI Btu/(ft²-yr.)

energy consumption at the site



55,604
Site EUI Btu/(ft²-yr.)

energy consumption at the site

88,541
Source EUI Btu/(ft²-yr.)

energy consumption at power plant



143,324
Source EUI Btu/(ft²-yr.)

energy consumption at power plant

34%

% Improvement Over Baseline
IHS A/E Design Guide
Req. 30% Improvement

Monthly Energy Consumption



0%

No Improvement Over Baseline

Monthly Energy Consumption

The Guiding Principles for Federal Sustainable Buildings: The program intent is to advance sustainable building principles and practices throughout the IHS' portfolio.



HFG architecture-Architectural Rendering

Main Lobby