

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



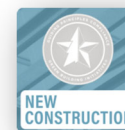
143,324
Source EUI Btu/(ft2-yr.)

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