


Banner Desert Medical Center

Mesa, AZ

Facades 

Project Details

Owner

Banner Health

General Contractor

DPR Construction

Architect

Cunningham Architects

Building Type

Healthcare/ Hospital

Onsite Assembly Date

September 2021

Panel Type

StoPanel® Classic NEXt ci,
StoPanel® Metal ci, and
StoPanel® Backup

Project Overview

Banner Health's Desert Mesa Campus established the need for an 58,550 sqft expansion of the Women's Tower, and provided an opportunity for a multi-level addition, without impacting the campus' existing operations. The need for prefabrication was obvious, and the entire project team proceeded with a panelized approach from day one.

Job Requirements

The project required the construction of a new hospital wing above and adjacent to the existing hospital, with minimum disturbance to the day-to-day operation of the existing facility. Tie-ins to the existing building, lack of access to multiple facades, and the need to minimize the onsite labor were all additional factors that weighed in on the decision to use a prefabricated approach using Sto Panel Technology.

Smart Solution

MKB Construction used a wide variety of prefabricated exterior wall panels to achieve the multi-aesthetic facade, including StoPanel Classic NEXt ci, StoPanel Metal ci and StoPanel Back-up with a masonry veneer. Kawneer's 8225TL Unitized Window System was also integrated into the prefabricated wall panels for a high performing and safe installation. Composed of just over 135 panels, the facade for this project was installed in 4 weeks' time. The advantage of having a local fabrication facility within a few miles allowed the project team to incorporate oversized panels into the design, leading to increased efficiency across the board.



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