

Inspira Medical Center

Vineland, NJ

Facades 

Project Details

Owner

Inspira Health

General Contractor

Hunter Roberts

Architect

Array Architects

Building Type

Healthcare

Onsite Assembly Date

March 2017

Panel Type

StoPanel Classic NExT ci

Project Overview

With a project consisting of a vertical expansion to the Inspira Medical Center, Jersey Panel worked with the architects to determine the most feasible way to match the aesthetics of the original building while incorporating new design elements. They then engineered, fabricated, and installed approximately 30,000 sq.ft. of StoPanel Classic NExT ci wall panels to complete the job in record time.

Job Requirements

Because the addition required all construction to occur at the site of a fully operating hospital, the design and construction team's top priorities were speed to market, minimizing disruptions to healthcare professionals, patients, and visitors, limiting the number of workers on-site and reducing the amount of waste and debris that comes with traditional field-built projects. The architect's design for this vertical expansion required matching the aesthetics of the existing one-story building while also considering the main adjacent hospital building, which had also used prefabricated wall panels when originally constructed. In addition to the two new floors being added on top of the existing one-story structure, the design called out for metal panel elements which were new to the overall design.

Smart Solution

Jersey Panel was familiar with the Inspira Medical Center, having installed the panels on the main building during its original construction. They put their knowledge to work for them by recommending the use of StoPanel Classic NExT ci for the vertical expansion, even going so far as to creating a mock-up that helped the architect visualize how the original design could be modified to take full advantage of utilizing a fully engineered and pre-finished, prefabricated StoPanel wall assembly. Since Jersey Panel's facility was in close proximity to the jobsite, they were able to fabricate extra-large 35' W x 16.5' H panels and transported the oversized loads to the jobsite 10-minutes away. Working with larger panels accelerated the completion time considerably, reducing disruptions at the hospital while helping to control costs. The metal panels that were originally designed were replaced using Sto's ultra smooth Stolit® Milano finish, a unique finish that Jersey Panel used to replicate the appearance of metal panels; maintaining the desired aesthetics while saving considerable money and reducing the number of transitions that typically occur between different wall claddings. Using a crane and a small crew of approximately six workers, the entire exterior facade was erected in less than two weeks.

