

Public Self-Storage at 155 W 29th Street Manhattan, NY

Facades



Project Details

Owner

The Davis Companies / Highland Development Ventures:

General Contractor

Cauldwell Wingate Construction

Architect

Mancini Duffy

Consulting

Vidaris / Socotec

Building Type

6,000 storage units = 180,000 sf

Onsite Assembly Date

December 2022

Panel Type

Sto Panel Classic NEXt ci and StoPanel Metal ci

Project Overview

The 17-story Public Self-Storage project was designed by Mancini Duffy Architects with design assist trade partners at Jersey Panel and Sto Panel Technology. The prefab façade was critical in achieving the budget and schedule goals for the owner and construction manager.

Job Requirements

To accelerate installation time on-site, and to minimize on-site workers in downtown Manhattan, the Sto Panel Classic NEXt ci panels were fabricated offsite and shipped to the Manhattan jobsite over the George Washington bridge. All 270 mega panels were erected by a large 130-ton hydraulic street crane from the South main elevation on West 29th Street. A portion of the concrete super structure on the South elevation was left out until after the North elevation panels were set to allow the crane to reach up and over the building without closing down W. 29th street.

Smart Solution

Sto Panel Classic NEXt ci was used on 80% of the façade with 20% of the South elevation receiving a feature element of corrugated metal and louver panels on the front of the building. A combination of Sto finishes gives the project a very modern and stylish appearance to match the architectural setbacks. Taller parapet walls were a major VE solution that helped eliminate a very expensive stainless-steel railing on each of the 5 balconies.

