

Casa Celina

Bronx, NY

Facades



Project Details

Owner

Xenolith Partners LLC, The Kretchmer Companies, Jewish Association Serving the Aging (JASA), ELH Management LLC

General Contractor

Mountco Construction and Development Corp.

Architect

Magnusson Architecture & Planning PC (MAP)

Exterior Building Consultant

CANY

Building Type

Multi-family Housing

Onsite Installation Start

September 2022

Panel Type

StoPanel® MVES ci with thin brick

Project Overview

Casa Celina is an affordable senior housing project that was constructed on an underutilized parking lot in the Bronx, NY and named after Supreme Court Justice Sonia Sotomayor's mother, Celina Baez. This 17-story tower offers 205 residential units, in a neighborhood of run-down 50+ year old brick mid-rise apartment buildings and stands as a beacon of hope for the community of Soundview in the Bronx. StoPanel MVES ci prefabricated panels were used for the exterior facade, featuring white masonry brick with silver metallic 4mm ACM window surrounds to picture frame the large recessed punched windows. A noteworthy fact is that this project, and architect (MAP), have been recognized for several significant awards, including an AIA NY Design Award winner, receiving an Honors Citation.

Job Requirements

StoPanel MVES ci with thin brick veneer wall panels were prefabricated offsite by Sto Panel Affiliate, Jersey Panel Corp. and shipped to the Bronx where they were installed with a large hydraulic street crane that needed enough reach with a jib extension to reach all four elevations from the East side elevation on Thieriot Ave. The 270 StoPanels were installed in a couple of months, a major victory and an example of why prefabricated exterior wall panels are the number one choice for projects in need of speed to market.

Smart Solution

MAP designed a beautiful brick facade with a complex accordion floor plan that zigs in and out multiple times across all four elevations. The individual StoPanels are flat, but within each panel, the facade has several non-90-degree brick outside corners, posing a major challenge to the team. The original design called out for a much heavier and less energy efficient brick facade panel, with 7" of mineral wool outbound of the AWRB. Thermal modeling and some very creative design assist work moved the job to the StoPanel MVES ci that provided a similar R-value with reduced insulation thickness. This system was the right choice for aesthetics, schedule delivery, cost savings and improved energy efficiency for the building.

