

CRAFTED WITH PASSION. BUILT TO PERFORM.

## The Venue – Pittsburgh, PA

### Major Renovation



### *Custom Window Wall System with 1,161 Fixed Windows*

## Project Partners

### **Owner:**

SHIR Capital, Austin, TX

### **General Contractor:**

Ava's Construction, Pittsburgh, PA

### **Fenestration Installer:**

Reich Brothers Windows, Portersville, PA

### **Engineering Consultant:**

BECS, Clarksville, MD

## Project Highlights

Crystal Window & Door Systems provided a custom designed energy efficient window wall replacement system for a rehabilitated iconic Pittsburgh high-rise building. Located at 625 Stanwix Street in downtown Pittsburgh, PA, The Venue is a unique 1967 vintage mixed use 25-story structure, with a large pedestal 10-story public parking garage, two floors of condominiums, and a setback 12-floor apartment tower.

Collaborating extensively with the project's general contractor and engineer, Crystal developed a unique cost-effective façade solution around its heavy-commercial Series 5100 fixed/picture window and a custom floor slab cover. The window wall system, which used 1,161 Series 5100 fixed/picture windows, was fabricated, assembled, glazed, and tested at Crystal's New York facility. The general contractor's engineers visited Crystal's New York facility for the full-scale window wall mock-up review.

Because The Venue is in the busy commercial downtown area of Pittsburgh, Crystal coordinated closely with the general contractor and local authorities to coincide night deliveries with street closures, and Crystal engineers and managers were present to oversee the process. Window wall sections were hoisted to the vacant 11<sup>th</sup> floor office space using an exterior construction elevator, and fenestration installation for the residential tower upper floors was swiftly completed using suspended scaffolding while the building remained occupied.

Originally named Allegheny Towers when built in 1967, The Venue has outstanding views of the city and PNC Park, home of major league baseball team Pittsburgh Pirates. The property features 95 luxury rental apartments, two floors of condominium apartments, and a 700-car public parking garage. Residents enjoy a new fitness center, rooftop pool and recreation area, lounge, and other gathering spaces.

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## Products and Services

### Series 5100 Heavy-Commercial Aluminum Fixed Windows

- 3-1/4" jamb depth
- AAMA AW-PG100
- Floor-to-ceiling height windows: 97-1/4" to 108" depending on location
- Select locations: 2-lite Series 5100 windows stacked vertically in common master frame with vision glass on top and PTAC louver panel below installed on-site
- Male/female interlocking frame option for horizontal self-mulling and swift installation

### Insulated Glass Units

- 1" dual-pane tempered insulated glass units
- Vitro Solarban 60 low-E coating
- Argon gas filling
- Select Solarcool Grey or Graylite II tinted IGUs to mask interior wall partitions

### Finish and Accessories

- Custom designed aluminum floor slab covers
- Aluminum receptors, high-performance subsills with end dam caps, 3-piece 90-degree corner mullions
- AAMA 2604 black powder coat paint on all windows and accessories
- AAMA 2604 simulated silver anodized finish on select floor window wall systems

Contact Crystal at 800-472-9988 or [www.crystalwindows.com](http://www.crystalwindows.com) today and learn how we can transform your next project into a beautiful built reality.