Residential Excellence

Shekari Residence

Houston, Texas

Producer Member: AHI Supply, LP

Alvin, Texas

Architect: W. Travis Mattingly, AIA LEED AP

/ Architectural Solutions, Inc.

2018 Excellence Award Winners
What is the scope of the project?

This new home on the outer edge of a prestigious River Oaks neighborhood, uses cast stone extensively throughout. Cast stone was chosen for a wide range of applications including: Columns, Balusters, Entry Pediment, Window Surrounds, and Dormer Window Accents. The inspiration for this home was an older existing home in the heart of River Oaks. Although smaller than the existing home, the design for this home allowed an aesthetic link to the existing, area rather than the newer stucco homes within the same city block.
Residential Excellence

Shekari Residence

What is the role of Cast Stone?
Cast stone elements enhance the overall design of the home and add tremendous character to the home's appearance. The aesthetic link to the homes in the heart of River Oaks was the primary goal. The opportunity to build in this older housing section is rare, therefore it was necessary to coordinate with the existing homes.
How was Cast Stone critical to the success of this project?

The cast stone had the critical role in establishing the character of the home. Homes built with stucco are relatively new to the area, and few blend with the traditional architecture. The owners desire was to emulate the stately homes of this historic area without using traditional brick masonry. The architect used the traditional Corinthian column accents and architectural accoutrements to do this.
Judges Comments

- Cast stone in the appropriate style and consistent throughout the project

- Front Entry is grand and suitable to the overall residence

- The color of the cast stone in relation to the other materials is good and allows the cast stone to appropriately highlight the home.

- Balustrade well done in every way
Commercial Excellence
St Francis Xavier Catholic Church
Stillwater, Oklahoma

Producer Member: Advanced Architectural Stone
Fort Worth, Texas

 Architect: Franck & Lohsen Architects
What is the scope of the project?
This is a new American Gothic Style church. It required wet pour cast stone because of the size of the pieces and dry tamped cast stone for the majority of the detail pieces.
How was Cast Stone critical to the success of the project?
The cast stone highlights the multi blended brick colors throughout the façade of the structure, bringing attention to all the focal elements of the church.
What is the role of Cast Stone?
The massive spires, gable blocks, and cross element makes the towers visible from many miles away.
Judges Comments

• The cast stone makes this building and the hardscape around the building stand out as an excellent design

• The contract of the cast stone with the brick is appropriate and fits the style of the building

• The cast stone breaks down the scale of this huge building

• The window surrounds and the underside of the archways are excellent
Commercial Excellence

Lebanon Trail High School

Frisco, Texas

Producer Member: Advanced Architectural Stone
Fort Worth, Texas

Architect: SHW Group
What is the scope of the project?
This is a new high school in the fastest growing city in the U.S. The school will accommodate 5,500 children grade 10-12.
Cast stone was used throughout the project to accent the yellow/orange brick blend. The entry areas are accented as the focal point of the building.

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How was Cast Stone critical to the success of the project?

The use of cast stone to accent this massive facility makes this building a showcase higher education facility. The large pediments at the entries magnifies each entry.
Judges Comments

• The scale of this building is huge yet the proportions are good.

• The cast stone is used effectively to create depth in the skin of the building.

• The huge portico and alcove are properly sized and the rotunda area is simple yet beautiful.

• This is an effective use of cast stone in the design of the building and the project is well done.
Commercial Excellence

Parker Square

*Flower Mound, Texas*

**Producer Member:** Advanced Architectural Stone

*Fort Worth, Texas*

**Architect:** Dulaso & Associates, LLC

2018 Excellence Award Winners
What is the scope of the project?

Parker Square is a community area with a unique collection of independent businesses, vibrant restaurants, and convenient personal services. The building design is filled detailed brick features and extensive cast stone elements throughout the exterior façade.
How was Cast Stone critical to the success of the project?
The cast stone base, window and door trim with projecting lintels stimulates the storefront features.
What is the role of Cast Stone?
The massive brackets that appear to be supporting the projected cornice band highlights each protruding storefront element. Also each detailed brick feature has a cast stone element used.
Judges Comments

- Restrained yet compelling use of cast stone
- Nicely detailed and crisp design of the cast stone and brick to coordinate well.
- Without the cast stone this building would be nothing special
- The same mortar color was used in the brick and cast stone areas and this works for the building
- The cast stone gives the building a base.

2018 Excellence Award Winners

Parker Square
Commercial Excellence
Hardscape Excellence

Union College Campus Entrance

Lincoln, Nebraska

Producer Member: Architectural Cast Stone, Inc.
Wichita, Kansas

Architect: RDG Planning & Design

2018 Excellence Award Winners
What is the scope of the project?

This is a new campus entry for Union College. Cast stone was utilized for a variety of applications, including wall coping, arch surrounds and jambs, wainscot, bands, keystones, cornices, and caps.
What is the role of Cast Stone?

The new entry is located at the main drive into the campus, and serves as the first impression for people visiting the college. The light color chosen for the cast stone contrasts nicely with the darker brick, and highlights some of the more notable aspects of the design.
How was Cast Stone critical to the success of the project?

One of the most notable features of the new campus entry is the radius walls that flank the main drive. The customizability of cast stone was critical in creating coping to fit the walls’ curves. Using computer modeling and CNC machining, we were able to provide a product with smooth, seamless, transitions that would have been difficult to achieve with a different material.
Judges Comments

• Feels like an appropriate entrance point to a campus

• The curved in plane and elevation make this interesting

• The layers of cast stone and brick create a welcoming area

• The cast stone is nicely done.
Unique Architectural Feature

Ornate Medallion

Fort Worth, Texas

Producer Member: Advanced Architectural Stone

Fort Worth, Texas

Architect: David Schwartz

2018 Excellence Award Winners
What is the scope of the project?
A very large and detailed ornate medallion.
What is the role of Cast Stone?
The medallion is a key element and is a very visible structure that is symbolic to the city.
How was Cast Stone critical to the success of the project?
The desired detail that was created by the architect and the owner allowed for no modification whatsoever. The 6’4” x 6’4” medallion is visible from miles away.
Judges Comments

• Impressive with a high degree of difficulty

• You can see the scale of the element when seeing a workman next to it – huge!

• Consistency with a high level of craftsmanship
Unique Architectural Feature

2020 Salzedo
Coral Gables, Florida

Producer Member: Premier Stoneworks, Inc.
Delray Beach, Florida

Architect: BC Architects

2018 Excellence Award Winners
What is the scope of the project?
2020 Salzedo is a very unique project because the scope of work included manufacturing and installation of 250 sculpted concrete panels designed by a local artist Naomi Fisher. We were also responsible for manufacturing and installing 5,997 liner feet of trim which adorns the building in various places. The visually striking cupola on top of the building wrapped with beautiful cast stone pieces, 260 decorative brackets adorning all of the balconies, 523 liner feet of balusters, decorative pier caps, and stone veneer embellishing the buildings envelope.
The tower is adorned with custom artistic panels designed by Naomi Fisher, an artist born and raised in Miami. The cast stone adorns the entire facade of the building.

**What is the role of Cast Stone?**

The tower is adorned with custom artistic panels designed by Naomi Fisher, an artist born and raised in Miami. The cast stone adorns the entire facade of the building.
How was Cast Stone critical to the success of the project?
The ability to pick up all the details of art work which was a difficult project due to a demanding artist, skilled techniques and craftsmanship to execute.
Judges Comments

- Lovely use of cast stone design and production
- Intricacy is amazing
- The cast stone highlights the whimsical nature that cast stone can capture
Architect’s Choice

University of Notre Dame Jenkins Nanovic Halls

Notre Dame, Indiana

Producer Member: Edwards Cast Stone
Dubuque, Iowa

Architect: HBRA Architects, Inc.

2018 Excellence Award Winners
What is the scope of the project?

Jenkins and Nanovic Halls are a new pair of conjoined buildings on a key gateway site at the entrance of the University of Notre Dame’s campus. Regarding the building’s exterior, emphasis is placed on the quality of the materials used due to its prominent location on campus. Designed in the Collegiate Gothic style to accompany the predominant expression of buildings found on the Notre Dame campus, the building utilizes cast stone for window surrounds, entryways, copings, and the building’s decorative arts and ornament.
How was Cast Stone critical to the success of the project?

Cast Stone provides the richness and authenticity of traditional masonry found in the most highly regarded historic buildings on campus. It is used at all window surrounds to economically provide the randomness of quoining representative of traditional stone detailing. Production methods were further refined at entryway archivolts and crockets to replicate what traditionally would have been sculpted ornamental elements as repetitive cast pieces.
What is the role of Cast Stone?

Cast Stone afforded an economy of production with regard to representative architectural elements, enabling the project team to deliver a final product with a richness of architectural detail within the constraints of the project’s schedule and budget.
Judges Comments

- The entire scope of the project and the degree of excellence set this apart and a higher level of project than all other entries.
- There is a consistency of design, fabrication and installation throughout.
- The cast stone is used in a traditional way and well done, consistent and proportionate for the building.
- The consistency of color, complexity of the arches and the excellent installation, especially of the joint work make this project.
- The cast stone clearly is integral to the success of this building.
~ 2018 ~

Cast Stone Institute

Manufacturing Excellence

WINNERS
Manufacturing Excellence

Harbor Chase of the Park Cities

Dallas, Texas

Producer Member: Advanced Architectural Stone

Fort Worth, Texas
HarborChase of the Park Cities

What is the scope of the project?
This is a high rise assisted living facility in a very upscale neighborhood. They use the cast stone to enhance the brick veneer and bring attention to the complex.

Manufacturing Excellence
2018 Manufacturing Excellence Award Winners
What special molding or casting techniques were necessary to illustrate the Architect’s concept on the project?

The veneer with full radius arches highlights the first floor of the complex. This project required over 2,100 balusters. It also had a structural tubing designed for the balustrade assembly.
Degree of Difficulty
This project had over 11,000 pieces that was produced in about 6 months. We had over 20 baluster molds for production.
Were there unique project requirements that presented particular challenges and how were they met?

The high number of balusters with the structural design of the balustrade assembly was very challenging.
Judges Comments

• For as much cast stone as there is on the project, it is very consistent in color with lots of detailing.

• The balustrades are unique and beautiful.

• The veneer, radius coping and finish look good.

• The columns are impressive.
Manufacturing Excellence

St Francis Xavier Catholic Church
Stillwater, Oklahoma

Producer Member: Advanced Architectural Stone
Fort Worth, Texas
What is the scope of the project?
This is a new American Gothic Style church. A custom blend of 5 different brick colors are used in combination with both wet and dry tamped cast stone to respond to the local vernacular and to give the building a level of ornamentation appropriate for an American Gothic church. The church is crowned with a pair of towers and spires with the cross on the tallest spire reaching the height of 157’, making it visible for several miles.
What special molding or casting techniques were necessary to illustrate the Architect’s concept on the project?

This project had both wet and dry tamp cast stone with large spires that weighed over 7,000 pounds. The American Gothic style design required very detailed arches and window ornamentation.
Degree of Difficulty
Mold detailing and the size of the pieces was the difficulty factor on the project.
Were there unique project requirements that presented particular challenges and how were they met?

This project had both wet and dry tamp cast stone with large spires that weighed over 7,000 pounds. The architect allowed no modifications of any of the profiles.
Judges Comments

• Spires are unbelievable – consistent in color and finish.

• The cladding and window surrounds are well done.

• Produced with wet cast and dry tamp methods and you can’t tell the difference.

• The photos are excellent and show the project well. The last photo looks like it was taken by a drone.
Manufacturing Excellence

University of Notre Dame
Jenkins Nanovic Halls

Notre Dame, Indiana

Producer Member: Edwards Cast Stone
Dubuque, Iowa

2018 Manufacturing Excellence Award Winners
What is the scope of the project?

Located on the historic Notre Dame Campus, The Jenkins and Nanovic Halls is a four story, 181,000 square foot facility. The building host classrooms, offices, a meditation room and a 700-square foot skylight. Over 10,000 cubic feet of cast stone was employed to fashion this complex structure.
The Wet Cast method was engaged to produce the massive iconic arches, weighing over 9700 lbs. The distinctive crockets were produced creating a positive profile out of foam and then a negative mold out of rubber. Three separate molds were created to produce the full crockets. The Window Jambs were crafted to look like random blocks. Extra molds with interchangeable block outs had to be developed.

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Were there unique project requirements that presented particular challenges and how were they met?

This was a large project that had to be produced in phases working around the building to keep up with the complex construction schedule. The buildings elevations commanded the production and palletizing of the product. We created a unique numbering system to keep each area separated.
Judges Comments

• When you first look at it is beautiful but upon further review, it is very detailed and well done.

• The pilasters, door and window surrounds and overall detail are awesome.

• Project required intricate mold making, which increased the level of difficulty to high.

• Smooth transition of the cast stone to the jamb

• The mason did a great job.

• Took their time to take photos during the process which really helped the judges.