* 2007 *

Design & Manufacturing Excellence Awards

Winners
Design Excellence
Residential

Private Residence
Architect:
Grand Home Designs, Inc.

Cast Stone Manufacturer:
Leito Enterprises
Private Residence – Leito Enterprises

What is the scope of the project?
New construction of a private residence in Fort Worth, Texas.
The design architect worked with the homeowner creating architectural design plans incorporating innovative and intricate Cast Stone elements both on the exterior and interior of this grand estate. Cast Stone invites you into this estate through three custom arches decorated with cartouche detail.

What is the role of Cast Stone?

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How was cast stone critical to the success of this project?

The Architect’s various use of Cast Stone throughout this grand estate, was innovative and instrumental in achieving the homeowner’s vision for their new residence. The attention to detail of the Cast Stone elements ensured that this private residence will always remain a standout from the other stately estates in this gated community in Fort Worth, Texas.
Design Excellence
Residential

Brownstones at Southlake
Architect:
John Lively, John Lively & Associates

Cast Stone Manufacturer:
Advanced Cast Stone, Inc.
What is the scope of the project?

The Brownstones at Southlake is a multi-use complex consisting of shops, office space and residential housing. All portions of this project consist of new construction set in a town center concept. The project is designed to be built in phases over many years. The project encompasses over 500 hundred acres. The portion of the project described in the submittal relates to the residential section.
What is the role of Cast Stone?
The architect’s concept for this development was to create a downtown central plaza area for shops, restaurant and offices and to have the residential structures built as city-style brownstones. Cast Stone was used to create the feel of an authentic brownstone structure exemplifying a well-to-do residential area found in New York and other major cities around the turn of the last century.
Brownstones at Southlake – Advanced Cast Stone

Design Excellence – Residential

The architect and developer desired to create a very upscale project for the residential portion of this project. The residential units were very similar in architectural design, which was necessary for the “City Block” effect, but did not satisfy the developer’s requirement of an upscale area that would command luxury pricing. Cast Stone created the uniqueness for each of the high-end houses without destroying the “City Block” effect. Each unit was detailed with Cast Stone emphasizing a different area of the house. For instance some houses were given a unique feel by using cast stone columns and porch detail at the entrance, other units were highlighted with a balustrade system around a terrace, and Cast Stone provided an interesting cornice to other brownstones. The developer was able to price the product at the luxury end of the market with the effective use of Cast Stone.

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

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Design & Manufacturing Excellence Winners
Design Excellence
Commercial

Cathedral of Saint John
Architect:
Benson Nielsen / NAC Architecture

Cast Stone Manufacturer:
Dallas Cast Stone Co.
What is the scope of the project?
To maintain the architectural beauty of the original building built in 1928 through adding this large stained glass window.
Cathedral of Saint John – Dallas Cast Stone

What is the role of Cast Stone?

The church was originally built with limestone from the Seattle, Washington area. The restoration work would have been too expensive to do with limestone today. Our stone was able to meet the needs of the project in matching the original limestone. The church never completed tracery windows due to a lack of funds. Last year a donor at the church put together funds to have them completed. We worked with Willet Stained Glass Studios during the project which also did the St. Martins Cathedral in Houston, Texas.
How was Cast Stone critical to the success of the project?
The stained glass window was held up and outlined by Cast Stone. The most critical role of the stone was coming up with a mix design to match the existing building and original limestone.

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San Juan Del Rio Catholic Church
Architect: Howard Davis, Architect

Cast Stone Manufacturer: Pedroni’s Cast Stone, Inc.
What is the scope of the project?

A new sanctuary was commissioned by the local catholic diocese and designed by the architect to meet the needs of a growing congregation. The new building replaced the current sanctuary building.
What is the role of Cast Stone?

Cast Stone was used numerous applications throughout the interior and exterior of the building: columns, window & door trim, pavers, treads & risers, entrance surround, arches & angel header, niches, interior/exterior window & door trim, coping and the altar area.
How was Cast Stone critical to the success of the project?
The architect wanted the church to have the appearance of an elaborate Catholic Church. The Cast Stone elements were to have the appearance of natural sandstone that was cut and/or carved. The niche over top of the entrance is to house a 6’ statue. The Church entrance angel header was the highlight of the project.
Manufacturing Excellence

Private Residence
Architect:
Grand Home Designs, Inc.

Cast Stone Manufacturer:
Leito Enterprises
Private Residence – Leito Enterprises

What is the scope of the project?
New construction of a private residence in Fort Worth, Texas.
The three custom front entry arches required that positives were first sculptured by an artisan. Once these positives were approved by the homeowner, the negative rubber molds were crafted from which the final Cast Stone pieces were tamped.

What special molding or casting techniques were necessary to illustrate the Architect’s concept on the project?
The challenge of achieving the architects design began with the detail required in the AutoCAD drawings. The architectural plans only provided elevation view. It was up to us to draw cut views and installation requirements.
After achieving the architect’s and homeowner’s vision in AutoCAD, a challenge arose. How would the three grand front entry arches be installed and structurally secured? The home builder and masonry contractor turned to us to design, engineer, and provide appropriate steel structure to accomplish this task.

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

After achieving the architect’s and homeowner’s vision in AutoCAD, a challenge arose. How would the three grand front entry arches be installed and structurally secured? The home builder and masonry contractor turned to us to design, engineer, and provide appropriate steel structure to accomplish this task.

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Design & Manufacturing Excellence Winners
Manufacturing Excellence

Park Grande – 1604 Cherokee

Architect: Luckett & Associates

Cast Stone Manufacturer: ACCI TannerStone
What is the scope of the project?
Newly Constructed Park Grande Condominium
What special molding or casting techniques were necessary to illustrate the Architect’s concept on the project?

4,876 pieces of stone had to fit in 79 profiles and 678 different configurations.
Park Grande – ACCI TannerStone

Manufacturing Excellence

It took 167 days to manufacture 4,876 pieces of stone in 79 profiles and 678 different configurations.

Design & Manufacturing Excellence Winners
Years of zoning battles were finally put to an end.

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Design & Manufacturing Excellence Winners
* Congratulations *

To Our Winners!