2005 Design Excellence Award Winners
Design Excellence
Residential
Turner Way

Architect: Richard Jaynes/Jeff Kalista, VLK Architects

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

This is a new home in Highland Park, considered by many to be the best development of the greater Dallas area.
What part does Cast Stone Play:

Cast stone is used on this home to create a design statement. This house was developed as an updated Mediterranean styled house. Extensive use of cast stone was used to tie Tuscan style barrel tile roof, arched window and doors, and hand forged iron work into a contemporary version of the classic Villa.
Success of Cast Stone

Cast stone was critical to the success of the project since it was the only custom element on the exterior of the project that allowed the architect to make a strong custom design.

2005 Design Excellence Residential

Turner Way
Ternet Residence

Architect: Jim Stolzfus

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

This is a new home in a new subdivision named “The Cliffs”, Fort Wayne’s newest exclusive home real estate subdivision. This home was the first one built that featured cast stone. The builder was inundated with phone calls complimenting beauty of this product that they had never seen on a home before. We are currently working on home #6 in “The Cliffs”.

2005 Design Excellence Residential

Ternet Residence
What part does Cast Stone Play:

The role on this project is pure beauty. We did have an interesting feature on the cornice just below the 2nd story porch balustrade. The cornice actually has a built in water drainage design.
Success of Cast Stone

This project was one that the stone was semi-designed. It was up to us to make it not only work with what was already built, but look good as well. The result was one of the finest homes we had ever taken part in creating.
Bigelow Chapel

Architect: Hammel, Green and Abrahamson

Cast Stone Manufacturer: American Artstone Company, Inc.
What is the scope of the project?

New chapel for the United Theological Seminary

Bigelow Chapel

2005 Design Excellence Commercial
What part does Cast Stone Play:

The architect stated “The cast stone perfectly replicates the travertine marble. It’s beauty, texture, depth and variation compliments the surrounding brick and precast buildings. The solidity and permanence of the Cast Stone walls counterbalance the lightness and weightlessness of the glass and stainless steel curtainwall. Inside, the Cast Stone walls compliment the curving translucent wood panels.”
Success of Cast Stone

The primary exterior material for the Bigelow Chapel is Cast Stone. Each piece is 18” x 18” x 2-1/2” with open joints. Originally the designed called for a split-face Italian travertine. Ordering 50 pieces of travertine, over 4,000 pieces of Cast Stone were fabricated using rubber molds and three different colors and additives to create a variable look.

Bigelow Chapel

2005 Design Excellence Commercial
Winona County Courthouse

Architect: Kane Johnson Architects
Cast Stone Manufacturer: American Artstone Company, Inc.
What is the scope of the project?

This was a masonry restoration project which included a major face lift of the exterior of this historic courthouse that was built in 1880's.

Stone replacement, involving molding the original carved stones, including some remarkable gargoyles, casting in manufactured stone, customized work by artists and installation in original locations.
In the design process, each stone was inspected, evaluated and inventoried. Nearly 900 “cancerous” stones were in need of radical surgery. Many of the stones that were replaced were truly one-of-a-kind and were replicated exactly with cast stone,” reported the architect.

What part does Cast Stone Play:

2005 Design Excellence Commercial

Winona County Courthouse
Success of Cast Stone

Built in 1888, this building was spared from the wrecking ball three times throughout its history thanks to the citizens of Winona County. “There is criticism in modern architecture that there is not enough artisanship. This mindset was disproved with the restoration of the courthouse,” states David Kane of Kane Johnson Architects.

2005 Design Excellence Commercial

Winona County Courthouse
2005 Manufacturing Excellence Award Winners
Winona County Courthouse

Cast Stone Manufacturer:
American Artstone Company, Inc.
What is the scope of the project?

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Stone replacement, involving molding the original carved stones, including some remarkable gargoyles, casting in manufactured stone, customized work by artists and installation in original locations.
When the architect came to us asking if we made gargoyles it left us a bit speechless. Artstone has gained the reputation of doing the "cruel and unusual, but gargoyles were a first. During our first conversations with the architect there was a fair amount of head scratching as to how best accomplish the task of renovating this magnificent building.
Once the pieces were made it was pride that drove our shipping department to crate each “head”, “face” so that it arrived on site in one piece. The final result is fantastic!

2005 Manufacturing Excellence
St. Martin’s Episcopal Church

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

St. Martin’s is a new sanctuary on existing church campus.
Special Molding or Casting Techniques

The frontispiece and all of the tracery windows were made out of plaster models and moulds.
The most difficult element was the frontispiece (28’ 6” x 19’) nestled between two 19-story spires. The frontispiece is free-standing, supported by a metal frame. The cross (7’ x 5’) is highly ornamental capping out of the frontispiece. Another difficult piece to manufacture was the 16’ round, stained-glass tracery window that is inside the church. It had to be supported by a steel spoke.
Unique Project Requirements

Particular challenges were met in working out the details for the tracery stain-glass windows and in the engineering of and the fabrication of the frontispiece. It took several job site meetings with the owner, architect, general contractor, mason, stain-glass window fabricator, and cast stone producer to overcome the obstacles. The project required 4 years to complete from start to finish.

St. Martin’s Episcopal Church

2005 Manufacturing Excellence