

ADVANCED
ARCHITECTURAL
S . T . O . N . E

Project

Location

Architects

General Contractor

Masonry Contractor

Materials

Reagan Place

Dallas, Texas

**Good Fulton & Ferrell
Architects**

Andres Construction

Metro Masonry

**Architectural Precast,
Cast Stone, GFRC**

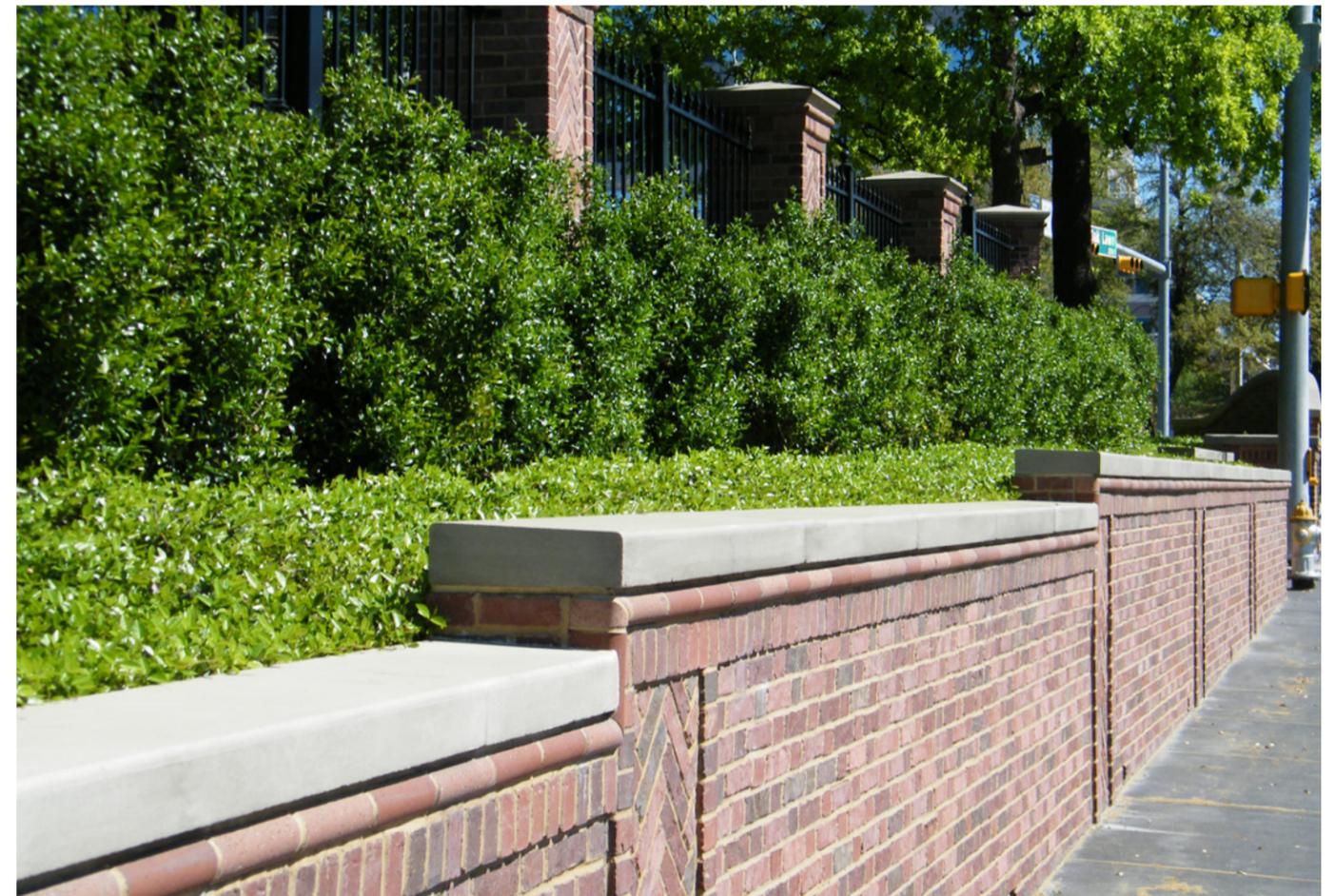


VISION

The Reagan Place has culture and history from the early 1900's.

The building is located on approximately 20 acres within an office campus of buildings that are joined together through extensive hardscape materials and botanical plantings.

The architect's vision was to preserve the ambiance of the location while renovating the building. The building blends seamlessly with other buildings on campus.





PROCESS

The ability of the AAS technology and manufacturing process to match colors precisely was critical to the overall success of the project.

At the ground level, a complex series of arches are of compound radius design, with jamb pieces tapering to a smaller arch on the reverse side. All pieces are also beveled.

This project required additional attention to both color and texture, plus coordination between the AAS team and another supplier. At certain areas of the structure, the architectural precast joined GFRC. Through initial coordination with the other supplier, and exchanging control pieces at the job site throughout construction, color and texture consistency was achieved.

Any project with a number of compound radius precast pieces is difficult. This project was even more difficult due to the complexity of each arch having two different faces, one from the outside and one from the inside.

This project is a 15,164 square foot building with 3,688 pieces of precast. Advanced Architectural Stone (AAS)

used a special mix design to match the Texas Cream that was selected for three different materials used on the building: cast stone, precast, and GFRC, which coordinated beautifully with the original brick color. The color was achieved by using DCS liquid color pigment #20 Earth Tone Red, #3814 Black, and #2 Yellow.

This was a project that required coordination between all trades that were involved in the final outcome. The complex nature of the overall design required a special level of project involvement between the CAD design, the erection crew, and supervisors at the job site, carefully reviewing slight differences in field conditions from the architectural plans - then, communicating those changes to all persons involved with the design, manufacture, and installation of the project. The precision of dimensional accuracy of a very large number of complex molds was a challenge of the project.

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RESULT

The project was completed in 10 months.

The quality of the AAS products enabled a very high degree of precision that was required for the cast stone to fit accurately into complex shapes.

