



Charleston Catholic High School (Fourth Floor Addition)

Jarrett Construction Services



Institutional-Education: Less Than \$5 Million

Charleston Catholic High School, with an expanding student body, sought to build a vertical addition to their downtown campus. After every bid received came in over budget, Jarrett Construction Services offered significant value engineering & was awarded the project.

Jarrett Construction Services mobilized in July 2016 to begin construction on the 11,250 square foot addition. Removal of all existing ceiling finishes of the existing three floors of the math and science wing (10,000 square feet

per floor) was required to fire proof all existing structural steel. Scaffolding was required to facilitate the initial demolition which included having existing roof ballast hydrovaced from the roof itself. Surveying the existing column structures ensured erection of the new steel package went flawlessly.



Safety and Design

Safety of the students, faculty and administration was the highest priority during construction. Heavy lifts over the occupied facility took place after hours & during night shifts.

Design presented significant challenges Arium AE was able to deliver. Exterior wall framing was constructed over the steel structure, creating the fourth-floor enclosure. Dramatic limestone arches accented the additions centerpiece Chapel and tied the new façade in to the original brick & limestone.

Project Duration:

- Fourteen Months. Construction began in June of 2016 and was completed in August of 2017.

Project Safety:

-Jarrett Construction Services, an ABC STEP Diamond recipient, recorded no safety related incidents during the project's duration.

-Jarrett Construction Services held weekly toolbox safety meetings.

Contract Value: \$4,000,000

Project Features:

- 11,250 sq. ft. Vertical Addition
- 31,250 sq. ft. Fireproofing of Existing Space
- Tripe Arched Limestone Windows
- Three Classrooms, Three Bathrooms
- Two Faculty Offices
- A/V Office
- Sacristy, Eucharistic Reserve & Chapel Space

ABC Members Involved:

BB&T Insurance Services
Heritage Fire Protection

