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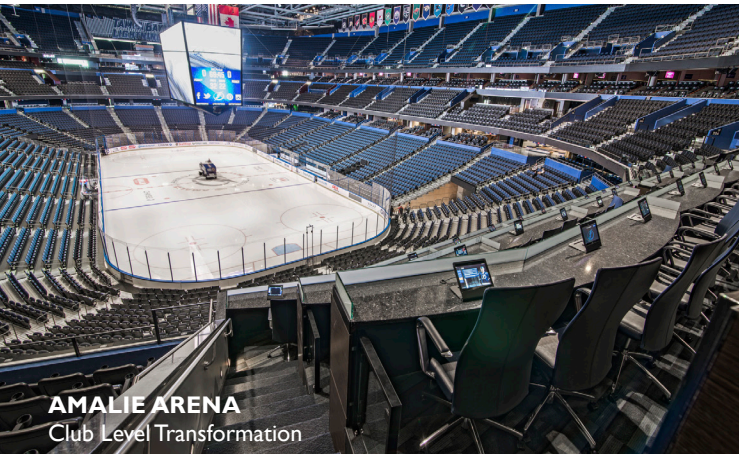
JESUIT HIGH SCHOOL
Continuing Services



ACADEMY OF THE HOLY NAMES
Bayshore Building Renovation



THE FLORIDA AQUARIUM
Continuing Services



AMALIE ARENA
Club Level Transformation



CHRIST THE KING
Church Renovation

Providing Quality Design and Engineering Services in a Family Oriented Environment
Proud Supporters of Jesuit High School

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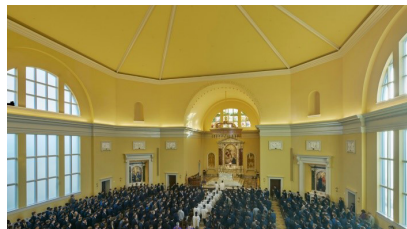
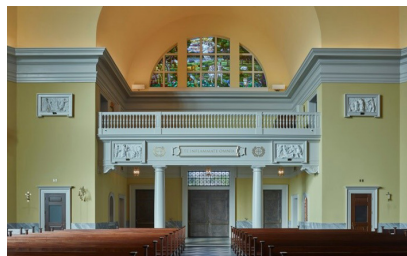
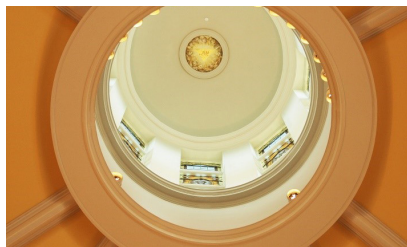


EXPERIENCE

WORSHIP



Chapel of the Holy Cross



Jesuit High School, founded in Tampa, Florida in 1899, moved to its current campus in 1956. The new Chapel of the Holy Cross was dedicated August 7, 2018, by the Most Reverend Michael C. Barber, S.J. It is a brick and limestone chapel seating 900, inspired by the Jesuit tradition and the centralized church type. The facade is composed of a limestone Doric portico with marble statues of Saint Ignatius and Saint Francis Xavier located to either side of it. The chapel is topped with an octagonal cupola and a 14-foot gold cross that can be seen from afar. The four corner shrines are dedicated to Jesuit martyrs: Saint Isaac Jogues, Saint Edmund Campion, Blessed Miguel Pro, and Saint Paul Miki. The stained glass windows in the sanctuary and choir loft depict the Wedding Feast of the Lamb and the Expulsion of Adam and Eve from the Garden. In the apse is an altarpiece of the scene at La Storta, where Saint Ignatius received a vision of God the Father and Christ holding the cross.

** Portions of description and photos from Architect: Duncan G. Stroik Architect, LLC*

BUILDING TYPE:

Worship

OWNER:

Jesuit High School

LOCATION:

Tampa, FL

SIZE:

13,500 SF

COST:

\$12,000,000

YEAR CONSTRUCTED:

2018

MEFP DESIGN FEATURES:

- Chilled water air handlers fed by campus chilled water in mechanical mezzanines with slot diffusers and return air grilles concealed in the four corner shrines.
- 480 volt / 3 phase/ 800 amp electrical service with step down transformers. Low voltage systems with all devices including fire alarm strobes integrated into the detailed finishes
- Lighting control in the entire facility with occupancy sensors and day lighting sensors in all rooms; Lighting design maximized use of daylighting and individual space controls to optimize energy performance; and Concealed dimmable LED lighting around the perimeter of the nave providing indirect light for the chapel.
- Lightning protection system including connection to the metal cross structure on the roof that serves as an air terminal; and Exterior LED light fixtures located on rooftops of adjacent buildings, aimed to illuminate the cross.





JHS Gonzmart Hall



BUILDING TYPE:

Administrative

OWNER:

Jesuit High School

LOCATION:

Tampa, FL

SIZE:

33,000 SF

COST:

\$9,500,000

YEAR CONSTRUCTED:

2018

Gonzmart Hall, an administrative and student services building, is Jesuit High School's new public face to the Tampa Bay Community and the first building block of the new Campus Master Plan. Completed in October of 2018, the \$9.5 million building and its supporting elements (entry pavilion, colonnade, kiosks and grand courtyard), required two years to construct in conjunction with the new chapel. It houses the School Administration Dept., College and Personal Counseling Dept., Information Technology, Foreign Language Dept., Student Activities spaces (Such as the J.T.N.N. Television Studio), Digital Arts and a dedicated conference room for student clubs.

MEFPF DESIGN FEATURES:

- Campus chilled water connected HVAC system with air handlers, VAVs and direct digital building controls.
- Electrical service is 600 amp 480 volt service, emergency generator for egress lighting and campus data room
- LED lighting with occupancy and daylighting controls
- Low voltage systems include data & telecommunications, access control and fire alarm systems.
- Lightning protection system (including the metal building cross utilized as an air terminal)

* Portions of description and photos from Architect: Cooper Johnson Smith Peterson Architects





AHN Bayshore Building

The Academy of the Holy Names Bayshore building, previously renovated in the 1920s, is home to the all-girls Catholic high school. Completed in August of 2020, the \$12 million building required two years to construct while students were in and out of session and was Phase III in the campus master plan. It houses the School Administration Dept., College and Personal Counseling Dept., Information Technology, Student Activities spaces (Such as the senior lounge and library), and STEM labs/classrooms.



BUILDING TYPE:

Administrative + Education

OWNER:

Academy of the Holy Names

LOCATION:

Tampa, FL

SIZE:

80,000 SF

COST:

\$12,000,000

YEAR CONSTRUCTED:

2020

MEFPF DESIGN FEATURES:

- Campus chilled water connected HVAC system with air handlers, VAVs and direct digital building controls.
- Electrical service is 600 amp 480 volt service, emergency generator for egress lighting and campus data room
- LED lighting with occupancy and daylighting controls
- Low voltage systems include data & telecommunications, access control and fire alarm systems.
- Lightning protection system (including the metal building cross utilized as an air terminal)

* Portions of description and photos from Architect: Cooper Johnson Smith Peterson Architects



EXPERIENCE

WORSHIP



Christ the King Catholic Church



Christ the King Catholic Church of Tampa, FL was first built in the early 1950s. With the growth of the parish, renovations were made to the church throughout the decades. In April 2018, work began on the most recent renovation of Christ the King Catholic Church to expand the nave and side aisles to accommodate 300 more seats for parishioners. The narthex of the church was also expanded and allowed for the addition of new confessionals, a sacristy, areas of prayer, restrooms, and a renovated porte-cochere. The renovations also included two illuminated niches at the front of the nave and two at its back to house four new devotional statues. The exterior renovations consisted of a new courtyard and garden adjacent to the narthex, in addition to the new illuminated 15 foot statue on Dale Mabry Hwy. at the edge of the porte-cochere.

BUILDING TYPE:

Worship

OWNER:

Catholic Diocese of St. Petersburg

LOCATION:

Tampa, FL

SIZE:

15,000 SF

COST:

\$4,500,000

YEAR CONSTRUCTED:

2019



MEFP DESIGN FEATURES:

- Chilled water air handlers fed by campus chilled water in mechanical mezzanines with slot diffusers and return air grilles concealed in the four corner shrines.
- 480 volt / 3 phase/ 800 amp electrical service with step down transformers. Low voltage systems with all devices including fire alarm strobes integrated into the detailed finishes
- Lighting control in the entire facility with occupancy sensors and day lighting sensors in all rooms; Lighting design maximized use of daylighting and individual space controls to optimize energy performance; and Concealed dimmable LED lighting around the perimeter of the nave providing indirect light for the chapel.
- Lightning protection system including connection to the metal cross structure on the roof that serves as an air terminal; and Exterior LED light fixtures located on rooftops of adjacent buildings, aimed to illuminate the cross.

