

## ST. MARY STAR OF THE SEA - HOLY SAVIOR

OCEAN CITY, MARYLAND

St. Mary Star of the Sea - Holy Savior Catholic Church chose to rely on Gillis Gilkerson to provide Design-Build & Construction Management services when it came time to replace the HVAC system at the expansive parish complex located at 1705 Philadelphia Avenue in Ocean City, Maryland.

The massive + / - 30,000 sf building required a total of 75 tons of HVAC systems - one 50 ton unit, and one 25 ton split system - to accommodate the needs of the parish. The sheer size of the church was underscored when the existing duct work was removed and the new replacement duct work required three tractor trailers to deliver! Hundreds of feet of catwalks and fall protection railings were installed in the attic areas to ensure workers could safely access the space and to protect the forty-foot tall ceiling in the main sanctuary area.

Aeroseal technology was used to deploy pressurized aerosol sealant to adhere to cracks and gaps in the ductwork, effectively sealing them from the inside. The process can significantly reduce energy consumption, lower utility bills, and address issues like uneven heating and cooling. In addition to energy savings, the process can also lead to improved indoor air quality and extend the lifespan on HVAC units.

In order to make way for the sizable outdoor unit, a mature Tuscarora Crape Myrtle was successfully relocated to the northern side of building. Construction was overseen by Gillis Gilkerson Project Manager Rich Hertzog, Superintendent Bob Oakes, and Superintendent Jamie Heath.



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