



PROJECT PROFILE

TAMUG/Sea Aggie Center

Galveston, Texas

Client:
Texas A&M University @ Galveston
Galveston, Texas

Approximate Construction Cost:
\$240,000.00

Year Completed:
October 2009

Services Provided:
Design, CA, & QAI Services

Contractor:
F.W. Walton Inc.
Houston, Texas



The Sea Aggie Center functions as the Visitors Center and Book Store for the Texas A&M University at Galveston located on Pelican Island in Galveston, Texas. The roof on the subject building experienced physical damage during Hurricane Ike in 2008 that included displacement of the roof covering. The University retained the services of PCI to prepare specifications and drawings for replacement of the roof on the building. PCI also assisted with bidding; provided construction support; performed quality assurance inspections during construction; performed field wind uplift tests in accordance with FM DS 1-52; and provided TDI Wind Storm compliance engineering.

The existing roof consisted of a built-up roof with a granule-surfaced modified bitumen cap sheet over fiberglass rigid board insulation and fluted steel deck on three areas encompassing 28,100 square feet. The scope of work consisted of removal of the existing roofing materials down to the steel deck; installation tapered polyisocyanurate insulation board and gypsum roof cover board set in low-rise foam adhesive; and a torch-applied two-ply SBS modified bitumen roof membrane with a granule-surfaced cap sheet. The scope of work also included the supplemental attachment of the steel deck; installation of new pre-finished sheet metal gutters and downspouts along the perimeters of the roofs; new counter flashings at rise walls; new roof access ladder; and performing repairs to lower roof areas.

