



PROJECT PROFILE

TAMUG/Bldg 3003

Galveston, Texas

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

Approximate Construction Cost:
\$82,245.00

Year Completed:
December 2012

Services Provided:
Design, CA, & QAI Services

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



The Oceanography Building (#3003) is an educational building that teaches students to become operators of ocean-going vessels located at Texas A&M University at Galveston in Galveston, Texas. 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; and provided TDI compliance engineering.

The existing roof consisted of a built-up roof with a granule-surfaced modified bitumen cap sheet over a layer of perlite rigid board insulation over precast concrete Tees decking. The roof consisted of a low roof over the office/classroom portion and an upper roof over a warehouse/storage portion of the building that encompasses a plan area of approximately 5,560 square feet. The scope of work consisted of removal of the existing roofing materials down to the precast concrete deck; installation polyisocyanurate insulation board, tapered crickets, and gypsum roof cover board set in low-rise foam adhesive; and installation of a two-ply torch-applied SBS modified bitumen roof membrane with a white-colored granule-surfaced cap sheet. The scope of work also included the installation of new pre-finished sheet metal coping on the parapet walls along the perimeters of the roofs; new thru-wall overflow scuppers; a new roof hatch cover; new supports for roof-top piping; and replacing sealants in exterior wall joints and window frames.

