



# PROJECT PROFILE

## TAMUG/Mariner Hall

Galveston, Texas

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

*Approximate Construction Cost:*  
\$260,000.00

*Year Completed:*  
September 2009

*Services Provided:*  
Design, CA, & QAI Services

*Contractor:*  
Walton Roofing Co.  
Houston, Texas



The Mariner Hall is a residential dorm for the students attending Texas A&M University at Galveston located on Galveston, Texas. The roof on the subject building experienced physical damage during Hurricane Ike in 2008 that included displacement of the roof covering and portions of the lightweight insulating concrete fill. 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 lightweight insulating concrete fill over hollow-core plank decking on 24,000 square feet. The scope of work consisted of removal of the existing roofing materials including the LWIC down to the precast concrete deck; installation of a modified bitumen secondary roof membrane on top of the deck; installation of 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 installation of new pre-finished sheet metal gutters and downspouts along the perimeter of the roof.