



PROJECT PROFILE

Mary Moody Northern Hall

Galveston, Texas

Client:
Galveston College
Galveston, Texas

Approximate Construction Cost:
\$278,000.00

Year Completed:
May 2007

Services Provided:
Assessment, Design, & CA

Contractor:
Brinkmann Roofing Co.
Houston, Texas



The facility is a three-story building comprised of structural concrete framing that was originally constructed in 1970. The building consists of a main roof area and a mechanical penthouse. The roof construction consisted of a smooth-surfaced built-up roof membrane with an aluminized coating that was installed over an existing gravel-surfaced built-up roof membrane that was installed over tapered lightweight insulating concrete and a structural concrete deck. The roof on this building encompasses a plan area of approximately 12,000 square feet.

Galveston College employed PCI to prepare specifications and drawings for replacement of the roof and provide construction support. The scope of work consisted of removal of the existing built-up roof; removal of the lightweight insulating concrete fill down to the concrete deck; installation of a modified bitumen secondary roof; installation of tapered lightweight insulating concrete fill with EPS board; and installation of a torch-applied two-ply modified bitumen membrane. The scope of work also included the installation of new pre-finished sheet metal flashings along the roof perimeters; application of elastomeric coating on interior of CMU screen wall; and installation of pre-finished metal wall panels over exposed aggregate plaster finish on the exterior face of the screen wall.

