



PROJECT PROFILE

SHSU/Jackson Shaver Hall

Huntsville, Texas

Client:

Sam Houston State University
Huntsville, Texas

Approximate Construction Cost:

\$110,000.00

Year Completed:

February 2004

Services Provided:

Design, CA, & QAI Services

Contractor:

Frost Construction (GC)
New Dawn Enterprises (Roofing)



Jackson Shaver Hall is one of the residential dorms for students attending Sam Houston State University located in Huntsville, Texas. Jackson-Shaver Hall is a four-story dormitory facility constructed with a concrete structural frame and roof deck, and brick masonry exterior walls. The original portion of the building was constructed around 1938 and an addition was constructed in 1989. Courtney Harper & Associates was the Project Architect for the renovation of the subject building and employed the services of Price Consulting, Inc. to be the roof consultant on the project to prepare the technical specifications and drawings for replacement of the roof. PCI also provided construction support and performed quality assurance inspections during construction.



The existing roof consisted of a spray-applied polyurethane foam roof covering over a built-up roof on lightweight insulating concrete fill and structural concrete deck encompassing approximately 9,800 square feet. The scope of work consisted of removal of the existing roofing materials down to the concrete deck; installation of a modified bitumen secondary membrane on the deck; installation of tapered lightweight insulating concrete with EPS board; 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 counter flashings; sealing joints in coping stone; and new walkpads.