



PROJECT PROFILE

SHSU/Estill Hall

Huntsville, Texas

Client:
Sam Houston State University
Huntsville, Texas

Approximate Construction Cost:
\$85,000.00

Year Completed:
October 2004

Services Provided:
Design, CA, & QAI Services

Contractor:
SpawMaxwell Company (GC)
Brazos Urethane (Roofing)



Estill Hall is a residential dorm for the students attending Sam Houston State University located in Huntsville, Texas. 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 and prepare the technical specifications and drawings for roof renovations. PCI also provided construction support and performed quality assurance inspections during construction.

Estill 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 in the 1960's and two stair tower additions were constructed in 1989. The existing roof system was spray-applied polyurethane foam with a protective coating surface that was installed in 1989. The polyurethane foam roof covering was installed over an existing built-up roof and encompassed a plan area of approximately 15,600 square feet. The scope of work consisted of removal of the top layer of foam; priming the prepared surface; applying an additional layer of spray-applied polyurethane foam; and applying a silicone-base elastomeric coating over the foam with granules broadcasted into the coating. The scope of work also included the installation of new copper sheet metal counterflashings and expansion joint cover; replacing sealants in masonry control joints; and replacing sealant around window perimeters.

