



PROJECT PROFILE

UTHSC/Medical School Bldg.

Houston, Texas

Client:

University of Texas Health Science Center
Houston, Texas

Approximate Construction Cost:

\$2,316,400.00

Year Completed:

October 2006

Services Provided:

Design, CA, & QAI Services

Contractor:

Competition Roofing, Inc.
Houston, Texas



The Medical School Building (MSB) was built in 1976 with 875,362 gross square feet on 10 levels and is home to the UT Health Medical School. The building is located at 6431 Fannin and houses approximately 2,300 faculty, staff, and students.



UTHSC retained the services of PCI to prepare specifications and drawings for replacement of the roof; assist with bidding; and provide construction support and quality assurance inspections. The existing roof consisted of either a granule-surfaced built-up roof, insulation, and a concrete deck or a spray-applied polyurethane foam over a built-up roof and insulation on a fluted steel deck encompassing a total plan area of approximately 97,400 square feet. The scope of work consisted of removal of the existing roofing materials down to the deck; installation of modified bitumen secondary roof on top of the concrete deck or on top of a mechanically attached layer of gypsum roof board over the steel deck; installation of tapered lightweight insulating concrete fill with EPS board; and a mechanically-attached base sheet with a torch-applied two-ply modified bitumen membrane. A white-colored elastomeric coating was applied to the surface of the modified bitumen membrane. The scope of work also included the installation of liquid flashings at various penetrations; application of elastomeric coating on plaster rise walls; installation of paver walkways; and recertification of the lightning protection system.