



PROJECT PROFILE

MH Southwest Hospital

Houston, Texas

Client:
Memorial Hermann Healthcare System
Houston, Texas

Approximate Construction Cost:
\$2,616,600.00

Year Completed:
August 2008

Services Provided:
Design, CA, & QAI Services

Contractor:
Pyramid Waterproofing
Houston, Texas



The Memorial Hermann Southwest Hospital is a multi-faceted hospital and Level III Trauma Center that has been serving the Southwest part of Houston since 1977. The hospital complex is comprised of an original 10-story Tower building that has 19 roof areas encompassing 102,000 square feet and an adjoining 2 to 5-story Pavilion building that was built in 1993 and has 25 roof areas encompassing 63,200 square feet. The existing roof on the Tower consisted of a gravel-surfaced built-up roof and insulation board on concrete deck and the roof on the Pavilion was an EPDM single ply membrane over insulation and concrete deck.

MHHS retained the services of PCI to prepare specifications and drawings for replacement of the roofs; assist with bidding; and provide construction support and quality assurance inspection on both the Tower and the Pavilion. The scope of work consisted of removing the existing roofing materials down to the deck; installing tapered polyisocyanurate insulation board and a gypsum roof board set in low rise foam; and installing a two-ply modified bitumen membrane with a self-adhered base ply and a granule-surfaced cap sheet. The scope of work also included the installation of liquid flashing at penetrations; reinforced liquid roofing on small eyebrow roof areas; application of elastomeric coating on plaster rise walls and concrete parapet walls; new skylights; new walk pads; and recertification of the lightning protection system.

