



PROJECT PROFILE

HPD Police Academy

Houston, Texas

Client:

City of Houston
Building Services Department
Houston, Texas

Approximate Construction Cost:

\$273,000.00 & \$326,360.00

Year Completed:

2004 & 2008

Services Provided:

Design, CA, & QAI Services

Contractor:

PRC Roofing Co., Inc.
Walton Roofing Co.



The City of Houston Police Department trains their new recruits at the Police Academy located in the northern part of Houston near IAH Airport. The facility is comprised of four two-story buildings that house offices, classrooms, and training facilities. The City of Houston Building Services Department retained the services of PCI to prepare specifications and drawings for replacement of the roofs on two of the buildings in 2004 and the other two in 2008. PCI also assisted with bidding; and provided construction support and quality assurance inspections during both phases of the work.

The existing roof consisted of a stone-ballast over extruded polystyrene insulation on a coal-tar pitch built-up roof membrane on concrete decks. The scope of work consisted of removal of the existing roofing materials down to the concrete deck; installation of tapered polyisocyanurate insulation board and perlite roof insulation cover board set in hot asphalt; installation of 4-ply of fiberglass felts and a fleece-back 60-mil thermoplastic single ply membrane set in hot asphalt. The scope of work also included the application of elastomeric coating on metal roof panels of roof-top clerestory structures; wet sealing clerestory windows; installing new sheet metal copings on parapet walls; replacing roof drain assemblies; replacing sealants in exterior masonry wall joints; and installing new roof access ladders.

