



PROJECT PROFILE

Scarborough Elem. School

Houston, Texas

Client:
Houston ISD
Houston, Texas

Approximate Construction Cost:
\$702,000.00

Year Completed:
November 2009

Services Provided:
Design, CA, & QAI Services

Contractor:
Reliable Commercial Roofing Services
Houston, Texas



Houston Independent School District is the fourth largest district in the U.S. with over 250 schools. PCI was retained by HISD to provide design services for the roof replacement at multiple schools including Scarborough Elementary School. The subject roof on the existing school encompassed approximately 28,800 square feet. The existing roof construction consisted of a gravel-surfaced built-up roof over lightweight insulating concrete fill (LWIC) on a metal form deck. PCI also assisted the District with the Competitive Sealed Proposal project cost delivery method and provided technical support and quality assurance inspections during the roof replacement activities.

The scope of work included the removal of the existing material, including LWIC and corroded metal form deck; installation of new metal deck, gypsum roof board, and modified bitumen secondary roof; installation of tapered lightweight insulating concrete fill with encapsulated EPS board; and installation of a mechanically-attached base sheet and a torch-applied APP two-ply modified bitumen membrane with a granule-surfaced cap sheet. The scope of work also included the repair of abandoned skylight openings; the installation of new pre-finished sheet metal expansion joint covers, gutters, and downspouts; replacing damaged plaster soffit; and installing new supports at roof-top piping and equipment.

