



PROJECT PROFILE

UTHealth South Campus

Houston, Texas

Client:
University of Texas Health Science Center
at Houston
Houston, Texas

Approximate Construction Cost:
\$230,000,000

Year Completed:
August 2011

Services Provided:
Design Review, CA, & QAI Services

Contractor:
Hensel-Phelps Construction Co.
Houston, Texas



PCI was engaged by WHR Architects as the building envelope consultant for a new construction project for a new complex for University of Texas Health Science Center in the South Campus of the Medical Center in Houston, Texas. The complex included a six-story 153,000-square-foot Behavioral and Biomedical Sciences Building, a six-story 300,000-square foot School of Dentistry, the 14,000-square-foot Cooley University Life Center, and a Physical Plant. PCI's services included providing technical consultation during the Design Phase; reviewing submittals associated with the building envelope components/systems during the construction; performing on-site inspections during the application of the air barrier and through-wall flashings; performing quality assurance inspections during the installation of the roof; and performing water penetration testing of mock-ups and the installed curtain wall and window systems.

The new roof consisted of installation of flat stock and tapered polyisocyanurate insulation board and gypsum roof board set in low-rise foam on top of the concrete deck and a torch-applied 2-ply SBS modified bitumen membrane. The air barrier system consisted of a fluid-applied air barrier system with self-adhering flashings at penetrations, windows, and slab edges applied over gypsum sheathing and concrete back-up walls. The curtain wall and window were aluminum-framed curtain wall system and punched window openings design for hurricane-like conditions.