



# PROJECT PROFILE

## UTHSC/School of Public Health Houston, Texas

*Client:*  
UTHealth  
Houston, Texas

*Approximate Construction Cost:*  
\$1,083,546

*Year Completed:*  
September 2003

*Services Provided:*  
Design, CA, & QAI Services

*Contractor:*  
Competition Roofing, Inc.  
Houston, Texas



The School of Public Health is a 12-story health training/education facility for UTHealth located in the Medical Center in Houston, Texas. The facility reportedly was constructed in the mid-1960's with a steel frame and brick masonry exterior walls. The exterior walls contain vertical columns of windows set in aluminum window frames. The vertical windows consist of vision and spandrel lites. Brick masonry column covers and precast concrete columns separate the vertical windows in most locations. The facility had experienced problems with water infiltration for several years at the base of some of the brick column covers, on the window sills and frames adjacent to the brick column covers, in a ground floor lecture room, and in the basement. PCI recommended the following remedial repairs: remove and replace the existing sealants in the window perimeter joints; remove and replace the existing wet seals in the window frames; perform mortar joint repairs to all areas of the brick veneer walls; route and seal existing mortar joints in the precast concrete trim at the base of the exterior wall; install sealant between the roof-level metal counterflashings and the parapet cap stones; install new through-wall flashings in the brick veneer wall; repairs to the basement walls including sealing joints and cracks, and sealing penetrations; and applying a clear VOC compliant water-repellent sealer to the brick masonry surfaces.

