



# PROJECT PROFILE

## Greenbriar Office Building

Houston, Texas

*Client:*

Kansas City Life Insurance & Casualty Co.  
Kansas City, MO

*Approximate Construction Cost:*

\$308,300.00

*Year Completed:*

May 2011

*Services Provided:*

Design, CA, & QAI Services

*Contractor:*

Empire Roofing  
Houston, Texas



The subject building is a one-story office and warehouse building located in Stafford, Texas just southwest of Houston. Kansas City Life Insurance retained the services of PCI to prepare specifications and drawings for replacement of the roof on the subject building; assist with bidding; and provide construction support and quality assurance inspection.

The existing roof consisted of a built-up roof membrane with a granule-surfaced cap sheet over a base sheet on a lightweight insulating concrete fill and a metal form deck encompassing a plan area of approximately 36,100 square feet. The scope of work consisted of removing the existing roofing materials down to the lightweight concrete deck; installing polyisocyanurate insulation board mechanically attached to the metal form deck with heavy-duty screws and plates; setting a gypsum roof board in low-rise foam; and setting a thermoplastic single ply membrane in cold adhesive. The scope of work also included replacing all of the roof drain bowls; installing new through-wall overflow scuppers in the precast concrete parapet walls; installing new sheathing, membrane flashing, and sheet metal coping on parapet walls; installing new supports for roof-top piping and equipment; and installing walk pads around roof-top equipment.

