



PROJECT PROFILE

Acres Homes MSC

Houston, Texas

Client:
City of Houston
Houston, Texas

Approximate Construction Cost:
\$411,000.00

Year Completed:
August 2012

Services Provided:
Design, CA, & QAI Services

Contractor:
PRC Roofing Co., Inc.
Houston, Texas



The Acres Homes Multi Service Center is a two-story steel-framed multi-use service/office building that was built in 1989. The building is composed of masonry and plaster exterior walls, sloped metal roof areas, and low sloped single ply roofs. PGAL Architects employed the services of PCI to provide roof consulting/engineering services during the design and construction phases of the project. The project involved a variety of interior renovations together with replacement of the existing roofing systems.

PCI initially performed a condition assessment and provided recommended scope of work together with associated budgets. The scope of work consisted of the following: Steep-Slope Area: Removal of existing metal roof; installation of insulation composite nailboard; application of a synthetic self-adhering underlayment; and installation of a standing seam metal panel roof with tapered panels on a circular roof area. Low-slope Areas: Removal of existing PVC single ply membrane; installation of a base sheet mechanically attached to the lightweight insulating concrete fill; installation of polyisocyanurate insulation and gypsum cover board set in low-rise foam adhesive; and application of a 2-ply modified bitumen membrane set in cold-applied bituminous-based adhesive with heat-fused lap seams. The modified bitumen membrane consisted of a white colored cap sheet.

