



PROJECT PROFILE

Westgreen Medical Complex

Houston, Texas

Client:
Mann Eye Institute
Houston, Texas

Approximate Construction Cost:
Unknown

Year Completed:
September 2010

Services Provided:
Design, CA, & QAI

Contractor:
Mission Constructors (GC)
Graziano Roofing/Reneau Roofing



Fehr, Grossman, Cox Architects engaged the services of Price Consulting, Inc. to provide roof consulting design services for a new medical office building that was constructed in the Western portion of Houston, Texas.

Three different types of roof systems were specified and installed on the building. The main portion of the roof consisted of S-shaped clay tiles installed over a synthetic self-adhering underlayment that was applied over a OSB/ISO nailable composite insulation board that was screw attached to a fluted steel deck. The roof construction on several low-sloped roof areas consisted of a 60-mil TPO single ply membrane that was fully adhered to a gypsum roof cover board that was adhered with low rise foam to a base layer of polyisocyanurate insulation board that was screw attached to a fluted steel deck. The roof over the front canopy was comprised of a high-density natural wood plank deck that was exposed on the underside. The ISO was set in low-rise foam adhesive on top of the deck and then the cover board and fully adhered single ply membrane. A standing seam metal panel roof system was installed over a self-adhering underlayment on plywood over several small roof coverings at window inset treatments.