



PROJECT PROFILE

Leon High School

Jewett, Texas

Client:
Leon ISD
Jewett, Texas

Approximate Construction Cost:
\$920,000.00 (roofing)

Year Completed:
December 2010

Services Provided:
Design, CA, & QAI Services

Contractor:
Admiral Roofing & Sheet Metal
Houston, Texas



PCI was engaged by Pfluger & Associates Architects as the roof consultant for the design and construction of a new high school for Leon Independent School District located in Jewett, Texas.

The roof of the new school building consisted of a combination of low-sloped modified bitumen roofs and steep-sloped standing seam metal roofs. The standing seam metal roofs are situated over the classroom wings, auditorium, cafeteria, and the commons/hallways and encompass approximately 93,640 square feet. The roof system consisted of installation of composite insulation board comprised of OSB laminated to polyisocyanurate insulation that was mechanically attached with screws and plates to a fluted steel deck; a self-adhered elastomeric underlayment was fully-adhered to the composite board; and the standing seam striated metal panels were installed over the substrate.

The roof system on the low-sloped areas consisted of polyisocyanurate insulation mechanically attached to a fluted steel deck; a cover board set in low-rise foam adhesive; and torch-applied 2-ply SBS modified bitumen membrane encompassing 7,800 square feet. The scope work also included the installation of metal panels along roof-top rise walls. 20-year roof system warranties were provided by the roof material manufacturers for this project.

