



PROJECT PROFILE

Brazosport College

Lake Jackson, Texas

Client:
Brazosport College
Lake Jackson, Texas

Approximate Construction Cost:
\$2,364,000.00

Year Completed:
August 2012

Services Provided:
Design, CA, & QAI Services

Contractor:
Century Roofing
Houston, Texas



The Brazosport College campus occupies 156 acres of landscaped grounds enclosed on two sides by Oyster Creek in South Brazoria County. Brazosport College is an open door, equal access higher education institution that was established in 1968. PCI was selected by Brazosport College from an RFQ process to prepare specifications and drawings for replacement of the roof on the main campus building, known as "BC Central", that encompasses 227,000 square feet.

The existing roof consisted of a PVC single-ply membrane, extruded polystyrene insulation, multiple built-up roofs, and thremosetting fill on hollow-core precast concrete plank deck. The scope of work consisted of removal of the existing roofing materials down to the deck; application of modified bitumen secondary roof on top of the deck; installation of tapered lightweight insulating concrete fill with encapsulated EPS board; and installation of a mechanically-attached base sheet and a two-ply modified bitumen membrane with a white-colored cap sheet. The scope of work also included the installation of new prefinished sheet metal coping on the parapet walls; application of elastomeric coating on penthouse rise walls; re-working through-wall flashings on penthouse rise walls; liquid-applied roof system on cooling tower roof; and miscellaneous equipment and piping supports.

