



# HIGHERS ATHLETICS COMPLEX WACO, TEXAS

**5/5** for innovation and design

All of the fill material under the structure is

**REUSED** from a 1950's tornado

Another LEED certification for

**BAYLOR UNIVERSITY**

## LEED® Facts

HIGHERS ATHLETICS COMPLEX  
WACO, TEXAS

LEED for New Construction  
Certification awarded SEPTEMBER, 9, 2009

**SILVER** 36\*

Sustainable Sites 11/14

Water Efficiency 1/5

Energy & Atmosphere 5/17

Materials & Resources 5/13

Indoor Environmental  
Quality 9/15

Innovation & Design 5/5

\*Out of a possible 69 points

The information provided is based on that stated in the LEED® project certification submittals. USGBC and Chapters do not warrant or represent the accuracy of this information. Each building's actual performance is based on its unique design, construction, operation, and maintenance. Energy efficiency and sustainable results will vary.

PHOTOGRAPHY

## HIGHERS ATHLETICS COMPLEX

# BAYLOR ATHLETICS GOES GREEN

## ATHLETIC COMPLEX ACHIEVES LEED SILVER

### PROJECT BACKGROUND

The building houses the majority of Baylor Athletics including Administration, Football Coaching Staff, Student Academic Services, Donor Relations, Athletic Training Staff and equipment, Strength Conditioning Staff, Team Meeting Rooms and Football Locker Rooms.

### PROJECT QUICK FACTS

The building, constructed on a Brownfield site, utilizes a vast under-building monitoring system to ensure occupant safety and disbursement of trace gases.

The landfill material under the structure is comprised of inert building components after a large tornado decimated the City of Waco during the early 1950's.

### STRATEGIES AND RESULTS

We selected the VAV system with chilled water and hydronic reheat based on the size of the facility, along with it's varied occupant usage. A building of this particular function requires a system with great flexibility for handling varying loads.

The lighting system is selected for visual comfort, efficiency, flexibility, color rendering, ease of maintenance, control and cost.

### ABOUT THE PROJECT

The building will be used during the day by athletes and staff. At nighttime, operations of the building will realize energy reductions as the system is designed only to send hot water to the air handling units, and not the individual room terminal boxes.

"In addition to being a premier athletics facility that has provided widespread benefits to our department, we are grateful that the Highers Complex has been recognized with a silver lever certification as being environmentally friendly."

Ian McCaw, Baylor Athletic Director



Owner: Baylor University, Waco TX  
 Architect: Crafton, Tull, Sparks, Tulsa OK  
 Civil Engineer: G.E. Walker, Waco TX  
 Commissioning Agent: Aramark Corp, Madison CT  
 Contractor: The Beck Group, Dallas TX  
 Landscape Architect: Crafton, Tull, Sparks, Tulsa OK  
 Interior Designer: Crafton, Tull, Sparks, Tulsa OK  
 LEED Consultant: The Beck Group, Dallas TX  
 MEP Engineer: Crafton, Tull, Sparks Tulsa, OK  
 Electrical Engineer: Crafton, Tull, Sparks Tulsa, OK  
 Structural Engineer: Crafton, Tull, Sparks Tulsa, OK

Project Size: 100,000 Square Feet  
 Total Project Cost: \$31,000,000  
 Cost Per Square Foot: \$310

Photographs Courtesy of: Baylor Photography

### ABOUT LEED

The LEED® Green Building Rating System™ is the national benchmark for the design, construction, and operations of high-performance green buildings. Visit the U.S. Green Building Council's website to learn more.



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CENTRAL TEXAS - BALCONES