



**H-E-B SAN ANTONIO 31  
SAN ANTONIO, TEXAS**

**18.6%** energy use reduction

**35.0%** green power

**30.2%** water use reduction

**LEED® Facts**

H-E-B San Antonio 31  
San Antonio, TX

LEED for Retail - New Construction Pilot  
Certification awarded December 7, 2009

<b>Certified</b>	<b>30*</b>
Sustainable Sites	3/16
Water Efficiency	2/5
Energy & Atmosphere	6/17
Materials & Resources	7/13
Indoor Environmental Quality	7/14
Innovation & Design	5/5

\*Out of a possible 70 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.

## H-E-B SAN ANTONIO 31

# GREENER GROCERIES

## SUSTAINABILITY IS BUSINESS AS USUAL FOR H-E-B

### PROJECT BACKGROUND

H-E-B San Antonio 31, known to customers as H-E-B Alon Market, is a 126,200 square foot food/drug/general merchandise store within the Alon Town Centre shopping center, across the street from the Barshop Jewish Community Center, in San Antonio, Texas. This H-E-B Plus! format store provides the community not only a broad offering of products ranging from baby items to organic foods, to sushi, to innumerable varieties of cheese, beer and produce, but also a vast selection of kosher foods, including a kosher bakery and meat market

### H-E-B'S SUSTAINABLE STORE STANDARDS ACHIEVE LEED CERTIFICATION

H-E-B has integrated sustainable design and construction strategies into their new store standards for years, considering protection of the environment to be a natural component of their focus on the needs of the communities they serve. H-E-B San Antonio 31 was the first H-E-B store to achieve LEED green building certification, achieving certification through the LEED for Retail – New Construction Pilot in December 2009.

### STRATEGIES AND RESULTS

H-E-B San Antonio 31 is designed to use 18% less energy than a typical supermarket, conserving the amount of energy equivalent to that used by 30 homes each year. Contributing to this energy use reduction are strategies such as electrical peak load shedding, whereby the store's computerized controls turn off electricity to different store systems and equipment for short periods of time without compromising customer or employee comfort or food safety; using refrigeration system waste heat to heat water; using LED lighting on motion sensors in frozen food reach-in door cases; and using energy-efficient fluorescent lighting.

35% of the building's electricity is from renewable sources, such as wind, as part of a broad scope green power contract providing renewable energy for 10%-35% of the electrical load for every H-E-B store in the CPS Energy service area.

Compared to a typical supermarket, SA31 is designed to use 41% less water for restroom fixtures and kitchen sinks and 30% less water for other commercial kitchen equipment such as dishwashers, saving each year an amount of water equivalent to the indoor water use of five homes.

81% of the project's construction waste was salvaged or recycled, to reduce the amount of construction waste disposed of in landfills. And, as is typical for H-E-B stores, SA31 recycles waste streams generated by the operation of the store, such as corrugated cardboard, front end bags, plastic stretch wrap, floral buckets, used cooking oil, meat trimmings and more.

Low-emitting (low-off-gassing) building materials such as paints, coatings, adhesives, sealants, flooring and composite wood materials were used to protect the health of not only the store's customers and employees, but also the people manufacturing and applying the materials.

SA31 achieved exemplary levels of the following LEED credits:

- 30% recycled content building materials, used to reduce the negative environmental impact of producing virgin materials, included steel, concrete and ceiling tiles.
- 49% regional building materials saved transportation fuel, reduced air pollution from truck emissions, decreased required road maintenance, and benefited the regional economy.
- Regional materials included concrete from San Antonio, steel from Midlothian and Segun, and Limestone from Lueders, Texas.
- 99% Forest Stewardship Council (FSC) certified wood to encourage responsible forest management.

### ABOUT H-E-B

H-E-B began in a small, family-owned store in the Texas Hill Country in 1905. Today H-E-B serves families all over Texas and Mexico in 155 communities, with more than 329 stores and 76,000 employees. H-E-B sees their work to care for the environment as not only making them better neighbors - it helps them serve their customers better. By being energy efficient and conserving natural resources, they not only help the planet, they also create savings that are passed on to their customers in the form of everyday low prices.



**Owner:** H-E-B  
**Architect:** H-E-B Design & Construction (Design), Selser Schaefer Architects (Architect of Record)  
**Civil Engineer:** Pape Dawson Engineers  
**Commissioning Agent:** H-E-B Mechanical Delivery  
**Contractor:** Joeris General Contractors, Ltd.  
**Interior Designer:** H-E-B Design & Construction  
**LEED Documentation:** Selser Schaefer Architects  
**MEP Engineer:** MPW Engineering, LLC  
**Structural Engineer:** Hart Gaugler & Associates, Inc.  
**Photography Courtesy of:** David Omer

**Project Size:** 126,200 sq ft



### 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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