

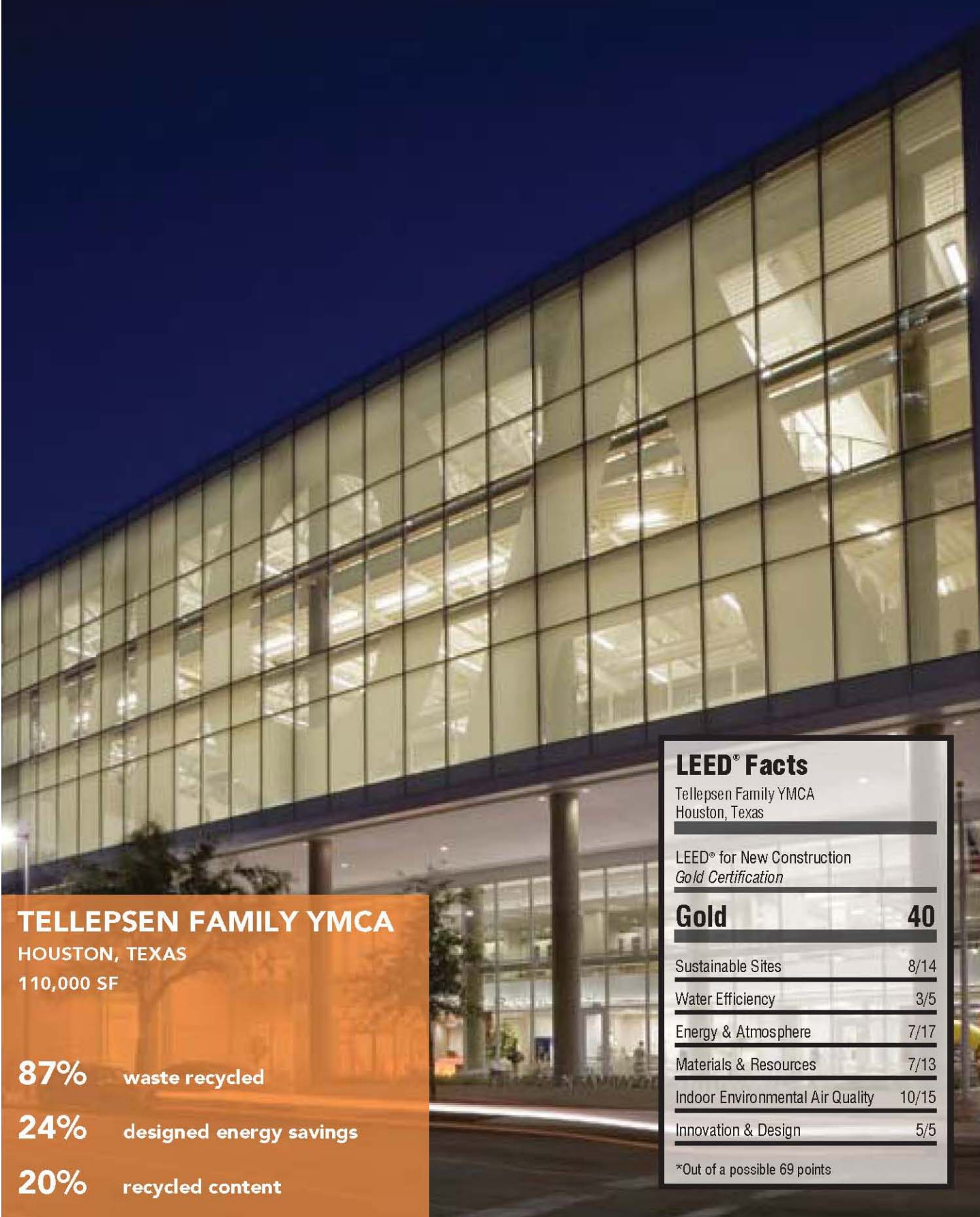


# GREEN BUILDING TOURS

February 15, 2013

GREATER HOUSTON PARTNERSHIP

Urban Land Institute



## TELLEPSEN FAMILY YMCA

HOUSTON, TEXAS

110,000 SF

**87%** waste recycled

**24%** designed energy savings

**20%** recycled content

### LEED® Facts

Tellepsen Family YMCA  
Houston, Texas

LEED® for New Construction  
*Gold Certification*

**Gold 40**

Sustainable Sites 8/14

Water Efficiency 3/5

Energy & Atmosphere 7/17

Materials & Resources 7/13

Indoor Environmental Air Quality 10/15

Innovation & Design 5/5

\*Out of a possible 69 points

TELLEPSEN FAMILY YMCA - HOUSTON, TEXAS

# The YMCA's Icon for Downtown Goes Green

The YMCA builds a LEED Gold Certified fitness center for Downtown, Houston.

## PROJECT BACKGROUND

As the needs of the downtown community changed over the years, so did the needs for the YMCA's downtown location. The new Tellepsen Family YMCA has been designed and built to serve the community well into the new millennium. As a part of the YMCA's mission, the building was designed to be responsible with the gifts that have been given to the organization by designing the building with an environmental consciousness. Earning a LEED Certification with a Gold Rating was the physical manifestation of this pursuit. Below are the areas of sustainability addressed by the facility.

## SUSTAINABLE SITES (8/14)

Preferred parking for low emitting and fuel efficient vehicles ■ 100% of our vegetation is native or adaptive plantings. ■ Light-colored concrete minimizes heat absorbed on the site. ■ Covered parking. ■ A cool roof reflects sun's heat.

## WATER EFFICIENCY (3/5)

Low flow urinals, faucets, showerheads and 'pint urinals' significantly reduce water usage.

## ENERGY & ATMOSPHERE (7/17)

We hired a commissioning agent to reduce energy consumption and ensure that all mechanical systems are working to maximum potential. ■ The project has employed many energy saving devices, such as an energy recovery unit and highly efficient lighting. ■ The building has been designed to be 24% more efficient than the City's energy code requires.

## MATERIALS & RESOURCES (7/13)

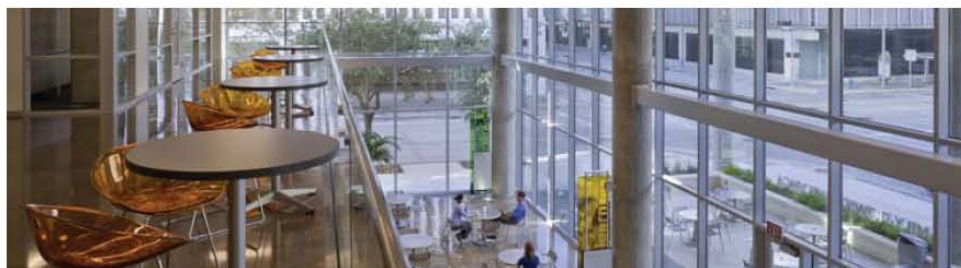
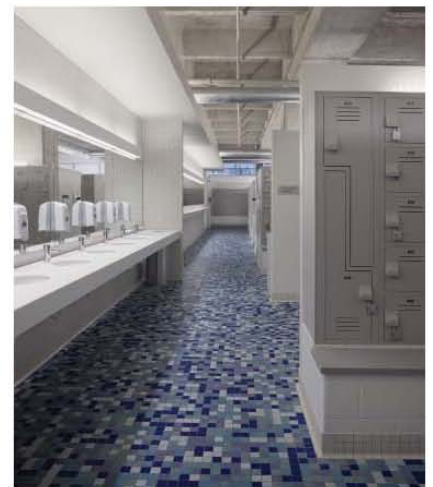
The lodge will recycle paper, cardboard, plastic, and aluminum. The facility is a glass free facility. ■ 89% construction waste recycled. ■ 20% recycled ■ 20% regional.

## INDOOR ENVIRONMENTAL QUALITY (10/15)

We have implemented a green housekeeping program including the use of Green Seal approved cleaning fluids and recycled content disposable paper products and trash liners. ■ Entryway systems at all major entries reduce the amount of particulates and allergens entering the building. ■ We use only low-VOC paint for painting and touchups. ■ 89% of occupied spaces have access to views. ■ CO2 monitors control the amount of ventilation

## INNOVATION & DESIGN (5/5)

A green education program demonstrates the green features of the building. ■ The campus features abundant open space. ■ Very efficient water fixtures. ■ The YMCA implemented a green housekeeping program including the use of Green Seal approved cleaning fluids and recycled content disposable paper products and trash liners.



**Owner:** YMCA of Houston  
**Project Manager:** TMG  
**Architect & Interior Designer:** Kirksey  
**Contractor:** Tellepsen  
**Commissioning Agent:** Rennell & Associates  
Photography by SLH 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 Web site at [www.usgbc.org](http://www.usgbc.org) to learn more about how you can make LEED work for you.

