



GREEN BUILDING TOURS

March 25, 2011



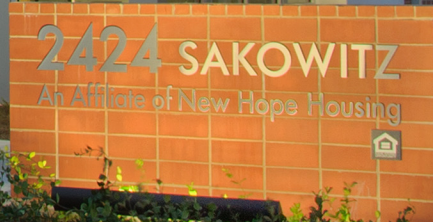
New Hope Housing 2424 Sakowitz



LEED® Facts	
PLATINUM	84.5*
Innovation & Design	7.5 / 11
Sustainable Sites	12.5 / 22
Locations & Linkages	9 / 10
Water Efficiency	9 / 15
Energy & Atmosphere	21 / 38
Materials & Resources	14.5 / 16
Indoor Environmental Quality	9 / 21
Education & Awareness	2 / 3

*Out of 136 possible points

Photography by Bruce Glass











FIRE LANE NO PARKING

New Hope Housing's core purpose is to create life-stabilizing affordable housing with a sense of dignity for adults who live singly on limited incomes.

This new 166-unit, single room occupancy development is the first LEED Platinum multi-family project in Texas. The building was designed with resource conservation measures to fulfill the client's goal of remaining affordable by keeping operation costs to a minimum. The LEED for Homes green rating system helped the project team identify construction attributes that increased durability, improved indoor comfort, and minimized maintenance and energy costs.

LEED for Homes Green features include:

-  **Innovation & Design - 7.5 / 11**
 - Integrated project team with LEED credentialed professionals
 - "Home Run" points for Density, Transit, Irrigation + Materials
 - Building Orientation designed for day lighting and shading, and roofs are oriented for future solar
 - The Platinum points threshold reduced to 80 pts due to Average Home Size Adjustment
-  **Sustainable Sites - 12.5 / 22**
 - Very High Density Development - 58 units/acre
 - Drought-tolerant native landscaping
-  **Locations and Linkages - 9 / 10**
 - "Outstanding" Community Resources: > 250 rides/day at nearby transit center
 - Site is in-fill development on previously developed land
-  **Water Efficiency - 9 / 15**
 - "Very High Efficiency" Plumbing Fixtures
Sinks ≤ 1.5 gpm, Showers ≤ 1.75 gpm, Toilets ≤ 1.10 gpf
 - Water-conserving irrigation system + 2 rain water tanks
-  **Energy & Atmosphere - 21 / 38**
 - "Exceptional" Energy Performance - 56 HERS Index / 20 pts
R20.9 Exterior Wall Insulation, R38 Attic Insulation
 - 100% Energy Star appliances and lighting
 - SEER 14 HVAC and efficient heat pumps in units
 - Manifold installation of tankless water heating system with insulated distribution loop
-  **Materials & Resources - 14.5 / 16**
 - Use of Environmentally Preferable Products
 - Construction Waste Reduction / 86% of waste recycled!
 - Use of precut framing packings, open web trusses, and 24" joist and rafter spacing
-  **Indoor Environmental Quality - 9 / 21**
 - Non-ducted HVAC system with room-by-room controls for effective heating/cooling distribution
 - HVAC ducts protected from contaminants during construction
 - No fireplaces or stoves in units
-  **Education & Awareness - 2 / 3**
 - Equipment Operations Training for Building Manager and Tenants
 - Project Website, Publications + LEED site signage help raise green building awareness

We are so excited about this newly-completed project for New Hope! It is our first green project, and we are thrilled to be certified as Houston's first Platinum Multi-family project. We anticipate that our green features will result in lower energy and maintenance costs, which will allow New Hope to continue offering life-stabilizing, quality housing at a rental rate well below market. The enduring site design, which is so beautiful, will encourage a healthy daily connection with nature for our residents.

Joy Horak-Brown

Executive Director

New Hope Housing, Inc.



NEW HOPE
HOUSING, INC.



Developer / Owner: New Hope Housing, Inc.
Architect: Val Glitsch FAIA, LEED AP
General Contractor: Camden Builders, Inc.
Project Manager: Project Control Houston
LEED Consultant: Contexts Consultants and Architects
Civil Engineer: Landtech Consultants, Inc.
Landscape Architect: Asakura Robinson Company LLC
Structural Engineer: Matrix Structural Engineers
MEP Engineer: Reihl Engineering, LLC
Interior Designer: Mary McDaniel Interiors
Photographer: Bruce Glass Photography

Completion: October 2010

Project Size: approx. 64,800 sf

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 and the Texas Gulf Coast Chapter of USGBC at www.usgbc-houston.org to learn more about how you can make LEED work for you.