

LEED for Homes Project Snapshot

Sand Companies Incorporated
College of St. Benedict Senior
Housing
St. Joseph, Minnesota
LEED PLATINUM

48 % Expected Energy Savings
 Based on HERS Score

37 % Construction Waste
 Diverted from Landfill



Photo Courtesy of: DLR Group, College of St. Benedict and St. John's University

STRATEGIES AND RESULTS

The Centennial Commons townhouses were designed to be a sustainable part of the college's landscape. The 32 townhouses were intended to be at least LEED Silver certified in order to provide affordable housing for senior students living on campus. These townhouses were also built to represent the college's commitment to sustainability. Each townhouse has been outfitted with as many locally sourced materials, furniture, carpeting, and wood, as possible. The exterior is decorated with native plants and landscaping. Each townhouse is also individually metered for teaching students about their energy consumption and sustainability.

EXEMPLARY PERFORMANCE

The 2-story townhouses were designed for 100-year life and to be as efficient as possible. The townhouses are clustered for a compact development within half a mile of community resources; churches, libraries, convenience stores, fitness centers and shops. The building site was selected as it was not a habitat for endangered or threatened species, a wetland or public parkland. The townhouses also utilize outdoor LED lighting, non-toxic pest control and low flow plumbing inside.

LEED™ Facts

CSB Senior Housing



LEED for Homes
 Certification Awarded 09/17/2012

Platinum 86*

Innovation in Design 8 / 11

Location & Linkages 7 / 10

Sustainable Sites 14.5 / 22

Water Efficiency 9 / 15

Energy & Atmosphere 21.5 / 38

Materials & Resources 9 / 16

Indoor Environmental Quality 15 / 21

Awareness & Education 2 / 3

*Out of 136 possible points

PROJECT BASICS

Project Type	Custom
Conditioned Space	1,492 sq ft
Bedrooms	3
Bathrooms	2
Lot Type	Edge
Construction Type	New Construction

KEYS TO SUCCESS

Lighting	Natural Lighting
HVAC Efficiency	MERV 8

Community Space and Access
 Housing for Higher Education Students

THE LEED FOR HOMES DIFFERENCE

Construction Waste Management Plan	<input checked="" type="checkbox"/> YES!
On-Site Performance Tests	<input checked="" type="checkbox"/> YES!
Custom Durability Planning Checklist	<input checked="" type="checkbox"/> YES!
Third-Party Verified Documentation	<input checked="" type="checkbox"/> YES!

About the Project Team

DLR and Associates
 -Architect

Sand Companies Incorporated
 -General Contractor

Judy Purman
 -CSB's Director of Sustainability/Project Team Leader

NEC: Neighborhood Energy Connection
 -Green Rater

LEED for Homes Provider

AES

About LEED for Homes

LEED for Homes is a voluntary, third-party certification program developed by residential experts and experienced builders. LEED promotes the design and construction of high-performance green homes, and encourages the adoption of sustainable practices throughout the building industry.

www.usgbc.org/homes

The information provided is based on that stated in the LEED® project certification submittals. USGBC does 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.