

PROJECT PROFILE



THE SALVATION ARMY RAY & JOAN KROC CORPS COMMUNITY CENTER GREEN BAY, WI

41% Of Materials are Regional

85% Of Construction Waste
Diverted From Landfill

92% Direct Views to the Exterior

LEED® Facts

The Salvation Army
Ray & Joan Kroc Corps
Community Center
Green Bay, WI

LEED 2009 for New Construction and
Major Renovations

Silver **52/110**

Sustainable Sites 11/26

Water Efficiency 4/10

Energy & Atmosphere 11/35

Materials & Resources 6/14

Indoor Environmental Quality 12/15

Innovation & Design 4/6

Regional Priorities 4/4

*Out of a possible 110 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.



PROJECT PROFILE

THE SALVATION ARMY RAY & JOAN KROC CORPS COMMUNITY CENTER

PROJECT BACKGROUND

Ray & Joan Kroc Corps Community Centers represent part of a program initiated by a 1.5 billion dollar gift from the late Joan Kroc, wife of McDonald's founder Ray Kroc, to the Salvation Army. Her philanthropic gift was designated to build and endow community centers throughout the country, where children and families would be provided services and facilities that would otherwise be beyond their means. Each community applying for Kroc Center funding aimed to house a diverse array of functions which aligned with the mission of The Salvation Army, as well as the perceived local need. Functions that met both criteria for the Green Bay community included: competitive athletic and recreational fitness activities, dental health services, community education and outreach programs, meeting space for Christian-based support groups, musical education, banquet facilities, and space for community theatre, musical performances, and worship.

STRATEGIES AND RESULTS

The building design solution is grounded in eco-consciousness, respectful to regional history, and energy-efficient. The center's interlocking, three-part design, which draws inspiration from the team's project mission statement, is programmed and organized to embody the mission's three primary components: strengthen - the gym and aquatic center; enrich - the Chapel/Auditorium; and encourage - the community gathering and educational spaces.

Situated on more than 16 acres of land donated by a local meat-packing plant, the project site borders a diverse array of neighbors. They include the industrial meat-packing plant to the west, a railroad line to the south, wetlands and a small stream to the east, and a low-to-middle income neighborhood to the north, which is one of the Kroc Center's target populations. Landscaping, a the generous grade differential, and siting of the building all helped the 101,927 square foot building mitigating the industrial feel of the area. It nestles amongst gardens, play fields and walking paths, allowing the activities within to have a connection to the surrounding landscape.

The site also plays a key role in the project's sustainable aspects. Located on a major bus route, the owner encourages alternative transportation through bike racks, preferred parking for low-emitting vehicles and car pools, and walking/biking paths connecting to the adjacent neighborhood. The landscape was designed to minimize hardscape, preserve wetlands, and manage stormwater on-site through the use of native plantings and low-mow grasses needing no irrigation.

On the interior, energy efficiency and sustainability were the guiding principles throughout the design process. Low-flow plumbing fixtures were utilized to yield a 33% water savings compared to a baseline building. The pool area incorporated several energy reduction strategies: humidity control, a solar wall system, heat recovery, and an efficient water heating system. Combined with the building's insulated glazing, natural daylighting, high-performance lighting and HVAC systems, and demand-controlled ventilation, the Kroc Center is able to reduce annual energy costs 29% below a code-compliant building.

Earning credits for both high-recycled content material (28%) and regional material (41%), the construction process was able to support the local economy while diverting over 85% of the construction waste (663 tons) from the landfill.

The indoor environment contains all low- or zero-VOC materials: paint, coatings, adhesives, sealants and flooring systems. Ceiling tiles and composite wood products do not contain any added urea-formaldehyde. Further contributing to the healthy environment, over 90% of occupied building spaces have direct views to the exterior landscape.

ABOUT SALVATION ARMY

The Green Bay Ray and Joan Kroc Corps Community Center achieved its goal of providing community-supportive programming at an affordable cost, in a high-quality building for people of all ages and abilities. The Salvation Army has been supporting those in need by putting their faith in action for the needs of all humanity. Truly committed to "bringing the community together", the Kroc Center has graciously opened its doors to other organizations, such as the American Red Cross, Literacy Green Bay, and Northeast Wisconsin Technical College to provide much-needed community programs and services in a wholistic, supportive and healthy environment.

"The Ray and Joan Kroc Corps Community Center in Green Bay is committed to the ideals of sustainable design and "green" construction. Our design and construction teams have dedicated their considerable expertise to ensuring that our facility embraces LEED technologies. The Salvation Army and its guests will reap the rewards of our allegiance to sustainable design and construction for decades to come."

**John Manser, Director of Operations
The Salvation Army**



Owner: The Salvation Army
LEED® Project Admin: Berners-Schober
Energy Modeler: Endermodal
MEP Engineers: Rees Engineering, Inc.
Interior Design: Berners-Schober
Landscape Architect: Ken Saiki Design
Civil Engineer: Arnold and O'Sheridan
Commissioning Agent: CDH Energy
Architect: Berners-Schober
Conceptual Architect: Barker Rinker Seacat
Construction Mngr: Miron Construction Co., Inc.
Project Size: 101,927 square feet
Project Budget: \$25,000,000
Photography: Theresa Lehman, Miron & Berner-Schober

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 usgbc.org to learn more about LEED® and green building.

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