



THE BARBARA HOCHBERG CENTER FOR JEWISH STUDENT LIFE

Sustaining the Future...



For the Jewish Faith

With more than 5,000 Jewish students, The University of Wisconsin is home to one of the largest most active Hillel programs in the country. The new Barbara Hochberg Center for Jewish Student Life offers college students the opportunity to experience Jewish life, from expanded Shabbat and kosher dining programs, to new and improved worship space.

For the Environment

In step with UW-Hillel's long time commitment to social justice and environmental stewardship, this new facility is designed to meet Leadership in Energy and Environmental Design (LEED) "Silver" certification standards for a "green" building. This will be achieved through the use of durable, long life-cycle materials, high efficiency building envelope and mechanical systems, daylighting and much more.

For the Community

The new Barbara Hochberg Center for Jewish Student Life will grow to become part of the larger campus community, playing host to a variety of cultural and social events open to anyone interested in participating. Free lectures, movies, concerts and programs will be offered throughout the year, and other opportunities for experiencing this beautiful new facility will be open for all students and members of the community to enjoy.



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Fact Sheet

OWNER:

UW Hillel Foundation

PROJECT TEAM:

J.H. Findorff & Son Inc. – General Contractor

Engberg Anderson, Inc. - Architect & Sustainability Consultant

Huffman Facility Development, Inc. – Owner Development Manager

ADDITIONAL TEAM MEMBERS:

Pierce Engineering – Structural

Affiliated Engineers – M.E.P./F.P./I.T.

Burse Surveying and Engineering, Inc. – Civil

Ken Saiki Design – Landscape

Stewart Design Associates – Food Service

Electric Construction – Electrical

H & H Industries – HVAC

Monona Plumbing & Fire Protection, Inc. –

Plumbing & Fire Protection

Automation Arts – Security & A.V.

Madison Environmental Group, Inc. –

General Contractor's LEED Consultant

Sustainable Engineering Group – Commissioning

River Valley Testing - Material Testing

BUILDING FACTS:

Gross square feet: 41,000

Total project cost: \$11 million

Construction cost: \$9.5 million

Construction cost per square foot: \$231

Construction duration: 17 months (1/2008 – 5/2009)

UNIQUE BUILDING MATERIALS:

- Innovative concrete finishes
- Cement board panels
- Jerusalem stone
- IPE (durable, low maintenance wood)
- Stainless steel
- Cork flooring

UNIQUE SPACES:

- Library
- Café with outdoor terrace
- Fitness Center
- Kosher kitchen and dining for 190
- Roof top recreation terrace
- Lounge with fireplace
- Sky Lounge
- Multi-use rooms
(sanctuary functions, auditorium, meetings, events)
- Capacity for High Holiday celebrations: 600

SUSTAINABLE FEATURES:

- Anticipated LEED Silver Certification
- First LEED certified Hillel in the nation
- 96% recycling of demolition and construction waste materials
- Use of durable, long life-cycle materials
- High efficiency building envelope and mechanical systems
- Solar hot H2O
- Daylighting
- Low flow fixtures and waterless urinals (46% water use reduction)
- High recycled content materials
- Use of regional materials



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Media Contacts

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THE BARBARA HOCHBERG CENTER FOR JEWISH STUDENT LIFE

Sustaining the Future...

Strengthening the Jewish Culture and the Community At Large

- Hillel has helped generations of Jewish students feel welcome at the University of Wisconsin. With more than 5,000 Jewish students, home to one of the largest and most active Hillel programs in the world.
- UW Hillel engages 1,200 students every week, offering them a myriad of events and activities to choose from. Hillel sponsors more than 30 independent student organizations and hosts 75 programs each semester. These include a Major Events Series, theater productions, intermural sports, Holocaust Remembrance events, speakers on Israel and the Middle East, a kosher dining program, Jewish learning opportunities and a wide range of social activities.
- For students exploring the role of spirituality in their daily lives, Hillel provides guidance and a forum for this discovery. Inspiring new worship spaces located in The Barbara Hochberg Center for Jewish Student Life allow for multiple services to be conducted simultaneously. Each space has specially designed arks, eternal lights and reader stands. These updated, open spaces within the facility are intended to enhance deeper meaning associated with worship.
- The new Barbara Hochberg Center for Jewish Student Life is made possible in part by Larry Hochberg (class of 1958), a Chicago-based entrepreneur and real estate investor. As the center's major donor, Hochberg named the facility after his late wife Barbara, longtime leader and activist for Jewish causes.
- The new Barbara Hochberg Center for Jewish Student Life will serve as a destination spot for all UW students, faculty and members of the community. Be it a morning coffee from the kosher cafe, or a quiet place to study, the new Hillel center offers a wide range of amenities for all to enjoy. Free lectures, movies, concerts and programs will also be offered throughout the year, and other opportunities for experiencing this beautiful new facility will be available.

FOR MORE INFORMATION REGARDING UW HILLEL, PLEASE CONTACT :

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Suzanne Rubinstein Capital Campaign Director

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Hillel THE BARBARA HOCHBERG CENTER FOR JEWISH STUDENT LIFE

Sustaining the Future...

Implementing Sustainable Design

The architecture and design team from Engberg Anderson was selected to assist UW Hillel achieve its initial goal of creating a new, long lasting facility that would reduce impact on the environment, while minimizing operating costs. The incorporation of sustainable principles into the new Hillel facility was achieved by implementing the following key methods:

- **INTEGRATED PROJECT DELIVERY**

Integrated Project Delivery (IPD) is a process in which the owner, architect, engineer and contractor equally collaborate on a project from its earliest beginnings. This team approach, which for Hillel also included student and municipal feedback, promoted efficiency by utilizing time and resources while allowing for all parties to have early input on the outcome of the project.

- **RE-USE OF THE EXISTING URBAN SITE**

The old Hillel building, constructed in 1956 on the same site as the new Barbara Hochberg Center for Jewish Student Life stands, was antiquated and offered limited space. Redevelopment and re-use of the existing site promoted sustainability by maximizing upon the existing infrastructure .

- **HIGH QUALITY DESIGN AND MATERIALS**

Timeless building design and long-lasting materials, provide longevity and contribute to sustainability. Design of the Hillel project also involved creating durable and flexible spaces that can adapt to changes in program and technology as the organization evolves over the next fifty years and beyond.

Specific Sustainable Features of The Barbara Hochberg Center for Jewish Student Life include:

High recycled content of materials

- High fly ash content in concrete structure
- High recycled content in structural steel, metal studs, drywall and acoustical ceiling tiles
- Glass products made from recycled glass bottles
- Medium density fiberboard for countertops reuses wood waste

Rapidly renewable materials

- Linoleum
- Cork flooring
- Cork tackable wall coverings

Potable water use reduction of 46% better than a baseline building

- Low flow fixtures – faucets and shower heads
- Waterless (non-flush) urinals
- Dual flush toilets

Regional materials (extracted and processed within 500 miles)

(continued on back)

Extensive use of daylighting and lighting control flexibility

- Occupancy sensors
- Lighting controls and programming system

Highly ventilated building

- Exceeds ASHRAE 62.1-2004 ventilation criteria by 30%
- Carbon Dioxide Monitoring in large assembly spaces

High level of thermal comfort

- Highly zoned system
- Humidified building
- Radiant heating at larger glass areas

Indoor pollutant source control

- Low-emitting materials including adhesives, sealants, paints and carpet
- Administrative work room, janitor's rooms and parking garage are all contained rooms exhausted separately
- Entrance flooring collects contaminants from users as they enter the building

Building envelope design

- High R value wall system with increased insulation
- Overall glazing is limited to 20% of the entire exterior wall envelope
- Use of high performance insulated glazing units with low-e coating
- Air infiltration is minimized through air/moisture barrier and taping/sealing of gypsum sheathing

Solar hot water system on roof

- Onsite renewable energy system that supplements building hot water system
- Will provide up to 80% of the energy for domestic hot water uses in the building

Non-vehicular transportation is encouraged

- The site is close to numerous bus lines and adjacent to the University of Wisconsin campus
- The facility has 24 bike storage spaces, changing facilities, and four showers that can be used by building staff, students and visitors

Vehicle impact on project is minimized

- All 10 automobile parking spaces are in a garage space under the building
- Designated parking place for low emitting and fuel efficient vehicles
- Exterior impervious surfaces for vehicles is minimized due to no exterior on site automobile parking spaces

FOR MORE INFORMATION REGARDING SUSTAINABLE DESIGN, PLEASE CONTACT :**Paul Cuta, AIA**

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Sustaining the Future...

Implementing Sustainable Construction

Throughout the duration of the UW Hillel project, Findorff and Madison Environmental Group, Inc. managed and monitored construction activities required to comply with Leadership in Energy and Environmental Design (LEED) certification. These activities included:

- Construction Activity Pollution Prevention and Erosion Control – (SS) Prerequisite 1
- Deconstruction/Construction Waste Management Plan and Management – (MR) Credits 2.1-2.2 • 2.2
- Tracking Recycled Content and Regionally Sourced Materials– (MR) Credits 4.1-4.2 and 5.1-5.2 • 5.2
- Indoor Air Quality Plan and Management during construction and before occupancy – (EQ) 3.1-3.2 • 3.2
- Tracking Low Emitting Material Use: adhesives, sealants, paints, coatings, finishes, carpet systems, composite wood and agrifiber products (EQ) 4.1-4.4 • 4.4
- Madison Environmental Group, Inc. was hired to manage both the deconstruction and construction waste recycling for this project. **The first phase, prior to demolition, included the sale and donation of nearly 6,000 pounds of used office supplies and furniture.** This sale generated \$500 for the Hillel Foundation and remaining items were donated to help other area non-profits, including Wexford Ridge and Madison Jewish Community Centers and the Rainbow Co-op.
- Findorff and Madison Environmental Group, Inc. then worked with Champion Environmental to deconstruct the old Hillel building to make way for the new Barbara Hochberg Center for Jewish Student Life. **Their deconstruction recycling efforts saved 785 tons of waste from landfills, including 362 tons of brick, 478 tons of concrete and 70 tons of metal.**
- Recycling rates continued to be tracked all throughout the project's construction. In total, these efforts successfully diverted over 1,040 tons of construction waste from area landfills. **As a result, the Barbara Hochberg Center for Jewish Student Life achieved a 97% recycling rate, above and beyond LEED® requirements, resulting in an extra LEED® point for innovation.**
- Another critical component in LEED® building is closely monitoring the Indoor Air Quality (IAQ) of the building, both during and after construction. A comprehensive IAQ plan was written and implemented to include: tracking the use of low and no volatile organic compounds (VOCs) sealants, paints, carpet systems and more. HVAC activity was also closely monitored to ensure the system was always sealed properly so that the building site was safe, both for site workers and for the future building occupants.

FOR MORE INFORMATION REGARDING SUSTAINABLE CONSTRUCTION, PLEASE CONTACT :

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Hillel

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Organization Profiles



UW HILLEL FOUNDATION

Hillel at the University of Wisconsin-Madison is home to over 5,000 Jewish students on campus and provides programs and activities for the campus community at large. Located in the new Barbara Hochberg Center for Jewish Student Life, Hillel provides a home and support to over 30 independent student organizations. Every expression of Jewish life is represented: religious, cultural, political, traditional and alternative. Hillel enables University of Wisconsin Jewish students to have a voice in their community - one that helps them maintain their ties to Judaism.



Huffman Facility Development provides Owner Project Management services, guiding early planning and budgeting, building the project team, representing the Owner's interest in the design and construction phases and managing project close-out and warranty. We work to promote a fair, honest, team-oriented development process and actively seek projects that offer socially redeeming value to the larger community.



With offices in Milwaukee and Madison, Wisconsin and Tucson, Arizona, Engberg Anderson collaborates with clients as they endeavor to strengthen their communities. Library or hospital, urban riverwalk or university residence hall — their work supports the activities and institutions at the heart of a vibrant culture and economy.



Founded in 1890, Findorff is one of Wisconsin's leading builders. The firm employs an average of 600 construction professionals and tradespeople, and completes an average of \$250 million in construction annually. With offices in Madison and Milwaukee, Findorff specializes in new construction, additions and remodels, tenant buildouts, historic renovations, and sustainable building projects.



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Photos courtesy of MIKE REBHOLZ PHOTOGRAPHY

