A modern synagogue lights the way

COVER: B’NAI ISRAEL SYNAGOGUE
PAGE 24
For over 115 years, Poggenpohl has pioneered modern and classic kitchen design. Today we’re the world’s leading luxury kitchen brand with over 60 cabinet styles. Our emphasis on using sustainable products gives our kitchens a distinctly superior edge. The incomparable luxury of owning a Poggenpohl kitchen is a truly worthwhile investment.

Email: info@poggenpohlusa.com • www.poggenpohlusa.com

Visit our Poggenpohl Studio at:
Partners 4, Design
International Market Square, Suite 109
275 Market Street
Minneapolis, MN 55405
952-927-4444
If you could design your dream window, what would it be?

myMarvin by
P. Allen Smith
Garden Home Designer

Create windows and doors uniquely your own. Whether you’re remodeling, replacing or building new. Come in today and be inspired by what is possible with all the latest Marvin has to offer. Find out how we can help build your dream windows and doors.

©2009 Marvin Windows and Doors. All rights reserved. Registered trademark of Marvin Windows and Doors.
Architecture Minnesota is a publication of The American Institute of Architects Minnesota
www.aia-mn.org

Architecture Minnesota, the primary public outreach tool of the American Institute of Architects Minnesota, is published to inform the public about architecture designed by AIA Minnesota members and to communicate the spirit and value of quality architecture to both the public and the membership.

Features

22 2008 AIA Minnesota Honor Awards
Introduction by Thomas Fisher, Assoc. AIA
Variety is the spice of ... architecture awards programs. The 2008 Honor Award winners range from an outdoor room in a Minnesota forest to a terraced university complex on the Mediterranean Sea, with a number of building types and contexts in between.

B’nai Israel Synagogue
page 24
By Linda Mack

Hawks Boots Manufacturing Facility
page 28
By Thomas Fisher, Assoc. AIA

Charles Hostler Student Center
page 32
By Nancy A. Miller

Gladstone Community Center & Natatorium
page 34
By Camille LeFevre

Blessed Sacrament Chapel, St. John’s Abbey
page 38
By Nancy A. Miller

St. Cloud Technical College & Workforce Center
page 40
By Camille LeFevre

St. John’s Abbey Guesthouse
page 44
By Christopher Hudson

PINE/Cone
page 45
By Phillip Glenn Koski, AIA

47 On the Waterfront
By Adam Regn Arvidson
Toronto’s ongoing revitalization of its Lake Ontario waterfront is made possible by land availability and financial resources that other North American cities can only dream of. But what really sets the endeavor apart is the fact that Waterfront Toronto, the private agency charged with administering the effort, has adhered to the vision of a world-class roster of landscape architects, architects, and urban designers. Might Toronto be a source of inspiration for additional waterfront projects in Duluth, Minneapolis, and St. Paul?

ON THE COVER
B’nai Israel Synagogue, Rochester, Minnesota
“The late, great Ezra Stoller once said, ‘Architectural photography is 5 percent inspiration and 95 percent moving furniture,’” notes photographer Michael Moran. “With this synagogue, we spent time, as we typically do, moving furniture. But this particular shot involved much less labor and a higher percentage of inspiration.”
Departments & Directories

5  EDITOR'S NOTE

9  CULTURE CRAWL
   BY CAMILLE LÉFEVRE
   Your neighborhood mini-golf course will never be the same after you've played the Skyway Open in Minneapolis.

11  SPEED READING
    BY CAROL AHLCREN
    The name Harry Wild Jones may not ring a bell, but the Minnesota buildings he designed sure will. A new book chronicles the architect's life and work.

13  MATERIAL MATTERS
    BY NANCY A. MILLER
    X Games architecture, you might call it. David Salmela, FAIA, uses a skateboard-park material in his two latest Honor Award-winning projects.

15  STUDIO
    BY ADAM REGN ARVIDSON
    If the office of Close Landscape Architecture+ were a character in The Odd Couple, it would most certainly be Oscar Madison.

17  SYNTHESIS
    BY DOUG PIERCE, AIA
    A new column by one of Minnesota's leading sustainable-design advocates explores a comprehensive approach to sustainability.

19  WAYFARER
    BY PAUL CROSBY
    On a break from shooting the Hostler Center at the American University of Beirut, a photographer ventures out to the City of the Sun.

72  PLACE
    Photographer Chuck Avery discovers an otherworldly landscape at the construction site of a large-scale development in Maple Grove.

63  DIRECTORY OF LANDSCAPE ARCHITECTURE FIRMS

70  CREDITS

71  ADVERTISING INDEX
Natural beauty comes from within

Look closer at the benefits of sustainable design using concrete masonry products

There is so much more than meets the eye with concrete masonry products. Crafted with elements provided by Mother Nature, concrete masonry units combine inherent beauty with exceptional value and lasting strength to meet the challenges of high-performance green applications.

See for yourself how County Materials' products can help earn LEED® points for your next building project.

- Locally available
- Mold and moisture resistant
- Energy efficient
- High fire resistance
- Cost effective
- Reduced maintenance
- Lasting durability

What could be more natural than concrete masonry products?

COUNTY MATERIALS CORPORATION
Proud to be American based & American made

Roberts:
1203 70th Avenue • Roberts, Wis.
(800) 207-9962
www.countymaterials.com

Landscape Architects
www.damonfarber.com
Designing the Way Forward

In the $1.2 trillion U.S. construction industry, architects play a key role. They connect a team of allied professionals and contractors, designing projects to serve client needs. As the project evolves and ground is broken, additional players enter, including subcontractors, fabricators, and suppliers; crane operators, excavators, truck drivers, electricians, plumbers, and laborers join the effort to get the project built. Depending on the scale of the project, city planners, economic policy makers, zoning officials, and cultural leaders are brought in to help shape the impact of the project on the community. For technically demanding projects, architects may coordinate the work of specialists to integrate advanced lighting or energy systems.

Architects stand at the nexus of intense activity; they are responsible for balancing multiple agendas and maximizing the impact of each project. In the economic enterprise of building, architects have substantial fiduciary responsibility, yet they aspire to an even greater role. Each project—large or small; residential, commercial, or cultural; new or adaptive reuse—has the potential to advance building performance, improve quality of life, and generally add beauty to the world. The 2008 AIA Minnesota Honor Award winners (page 22), for example, do all of these things and more.

Design at its best does not focus on perceived desires; instead, it precisely defines needs and addresses them in innovative and resourceful ways. Designers do this by holding in their minds multiple solutions while envisioning a wide spectrum of potential outcomes. Among designers, architects and landscape architects are distinguished by their versatility and range: They’re able to detail materials touched by the user’s hand or plan the communities and cities we inhabit.

In the past several years, we have all come to realize how powerful design thinking can be in addressing climate change. Architects have also come to understand how rapid improvements in data-based technology can transform the way buildings are conceived, tested, and built.

There is urgent need for improvement, because buildings are estimated to be responsible for 38 to 48 percent of all carbon emissions, and the building industry contributes some 60 percent of the material in U.S. landfills. At the same time, the construction industry estimates losses of more than $300 billion each year caused by errors and poor communication.

As architects and their clients take advantage of increasingly sophisticated tools for measuring the costs and benefits of green design decisions, it becomes clear that investments in green design do far more than assuage our consciences: They make good business sense. Well-planned green buildings may have higher initial costs, but they pay them off relatively quickly by reducing energy costs, improving worker productivity, anticipating future growth, and providing brand recognition.

Green design can be enhanced by technology. Integrated project delivery is the fully coordinated process by which architects work in collaboration with owners, contractors, and other project partners. Data-based technologies allow a high level of communication and a virtual "rehearsal of construction." By building first in the digital environment, problems are identified and solved before costly delays and errors can occur. Complex interactions of energy systems can be simulated to calculate return on investment for high-end equipment.

Less easy to quantify in dollars is the value of design thinking. Architects are fluent in lateral, simultaneous thinking, equally adept at problem solving and problem seeking. This skill set has immense value in a world where messy, complex issues have no simple solutions. Architects who augment their design skills with knowledge of sustainable-design principles and integrated technologies deliver beautiful and economically viable forms, bringing grace to everyday life.
Brick is back in Minnesota.

Acme Brick Company has resumed production at Minnesota's only brick factory. The Acme-Ochs Plant can produce up to 60 million brick per year for commercial and residential applications. Its Springfield location places all of Minnesota and most of the surrounding states within 500 miles, satisfying LEED's local-production criteria. For details on color selection, availability, and special shapes, please contact Acme-Ochs Brick & Stone, at (952) 903-0300.

Acme-Ochs Plant: P.O. Box 106, Springfield, MN 56087
Acme-Ochs Brick & Stone: 7175 Cahill Rd., Edina, MN 55439
Acme Brick Headquarters: P.O. Box 425, Fort Worth, TX 76101
ochsbrick.com • brick.com • a Berkshire Hathaway company
AIA Minnesota is the voice of the architecture profession, dedicated to serving its members, advancing their value, and improving the quality of the built environment.

Architecture Minnesota Staff
Editor: Christopher Hudson
hudson@aia-mn.org
Advertising Sales: Judith Van Dyne
vandyne@aia-mn.org
Circulation Coordinator: Alyssa Ulfers
ulfers@aia-mn.org
Editorial Assistant: Stephanie Pelzer
pelzer@aia-mn.org
Art Direction and Design: Tilka Design
info@tilka.com
Publisher: Beverly Hauschild-Baron, Hon. AIA
hauschild@aia-mn.org

Architecture Minnesota Committee
Paul Neuhaus, AIA, Chair
Amy Douma, Assoc. AIA
Steven Dwyer, AIA
Beth Fellman
Thomas Fisher, Assoc. AIA
Dan Grothe, AIA
Phillip Glenn Koski, AIA
Matthew Kreilich, AIA
Becky Oeljfellbruns, Assoc. AIA
Tony Rauch, Assoc. AIA
Brandon Stengel, Assoc. AIA
Tom Wasmoen, AIA
Andy Zhang, Allied AIA

AIA Minnesota Board of Directors
Renee Cheng, AIA
President
Richard Varda, FAIA
President-Elect
Past President
Thomas DeAngelo, FAIA
Past President
Ann Voda, AIA
Secretary
Stephen Patrick, AIA
Treasurer
Charles Liddy, AIA
AIA Minneapolis President
Eric Lagerquist, AIA
AIA St. Paul President
Greg Cooper, AIA
AIA Northern MN President
Charles Orton, AIA
AIA Minneapolis Director
Mary Shaffer, AIA
AIA Minneapolis Director
Ashley Millyng, AIA
AIA Minneapolis Director
Brian Tempas, AIA
AIA Minneapolis Director
Erlin McKiel, AIA
AIA St. Paul Director
Bradley Krump, AIA
AIA St. Paul Director
Deborah Rathman, AIA
AIA St. Paul Director
Thomas Fisher, Assoc. AIA
College of Design
Lyndel King
Public Member
Heidi Neumuekler, Assoc. AIA
Associate Director
Andrew Tise, AIAS
AIAS Representative
Donald Barsness, AIA
Regional Director
Kevin Connolly, AIA
Regional Director
Beverly Hauschild-Baron, Hon. AIA
Executive VP

Architectural historian CAROL AHGLREN has worked in the field of historic preservation at the federal, state, and local levels. She is a consultant with Commonwealth Cultural Resources Group (CCRG) in Minneapolis.

Landscape architect and writer ADAM REGN ARVIDSON is founder of Treeline, a design/writing consultancy, and creator of WordForum, a communications workshop for design professionals. He blogs about design and travel at www.treeline.biz/blog.php.

CHUCK AVERY’s photography has been shown in galleries from Minneapolis to Ping Yao, China. His work is also included in the permanent collection of the Weisman Art Museum in Minneapolis.

Wayfarer PAUL CROSBY helms Crosby Studio in Minneapolis. His commercial and personal photography has appeared in galleries and publications worldwide.

THOMAS FISHER, ASSOC. AIA, is dean of the University of Minnesota College of Design and author of Salmela Architect, published by the University of Minnesota Press.
Strength and Style at the Core

At the intersection of function and design, ceramic tile energizes any type of building project with style, texture, and eye appeal. Even locker rooms and shower stalls, like those at CorePower Yoga, are bright and dynamic. With ceramic tile, your project is always solid to the core.

A distinctive red glass linear bar radiates color between the textured and glistening planet 12" x 24" wall tile and 1/2" square mosaics.

CERAMICA
MINNESOTA CERAMIC TILE INDUSTRY
www.Ceramicatile.net

Using creativity, professionalism and skill to design and install ceramic tile in commercial architecture and interior design applications.

MBJ
CONSULTING STRUCTURAL ENGINEERS

MINNEAPOLIS | DULUTH | PHOENIX
612.338.0713 | www.mbjeng.com
HOLE LOT OF FUN

A skyway mini-golf event featuring holes conceived by architects and designers benefits a good cause.

Friday and Saturday, February 27 and 28
www.skywayopen.org

Arts and educational institutions in the Twin Cities are certainly enamored with the drawing power of mini-golf. Both the Science Museum and the Walker Art Center have attracted sellout crowds with summer courses designed to teach and delight.

Three years ago the Minneapolis Downtown Network decided to get in on the action during the winter months by sponsoring the annual Skyway Open (www.skywayopen.org). The benefit features holes created and constructed by metro architects and designers. This year's event takes place Friday and Saturday, February 27 and 28, and just as the putt-putt golfers compete for prizes, so too do the hole designers.

Last year, despite being assigned Hole #13, silvercocoon's Souliyahn Keobounpheng, Assoc. AIA, and Feyereisen Studios' Robert Feyereisen, Assoc. AIA, and Susi Strothman, Assoc. AIA, were awarded first place for their hole design; second and third place went to Meyer, Scherer & Rockcastle and 20 Below Studio, respectively. The theme was "Minneapolis 2050," which Feyereisen began researching by Googling 2050.

"Extinct polar bears came up, along with other environmental issues," he recalls, adding that his reading material at the time was William McDonough and Michael Braungart's Cradle to Cradle: Remaking the Way We Make Things. "So our hole became a rather philosophical construction on the notion of reusing, recycling, and rethinking," he explains. The two designers collected their building materials from the refuse of a cabinet shop down the hall from their offices. They designed the ramp-like hole so that golfers finish where they started by playing in a counterclockwise fashion, so it's essentially a left-handed hole.

"The majority of people are right-handed, and to fix global warming the majority of people will have to rethink how they 'play the game,' so that led us to this design," Feyereisen says. Perhaps fittingly, he adds, "the better and more serious the players, the more frustrated they became at our hole. The person who did the best was a five-year-old, who got a hole-in-two."

Keobounpheng and Feyereisen are recycling their hole for this year's Skyway Open, the theme of which is "Made in Minnesota." They've added a water feature in the middle "to symbolize the rising tide of the oceans," Feyereisen says, and they've finished the sides "to make the hole more presentable." As with last year, proceeds from the event go to the Boys & Girls Clubs of the Twin Cities.

-Camille LeFevre
The late 19th century character of Anoka, Minnesota's "Main Street" is preserved in a 21st century design by the innovative use of concrete masonry and architectural precast. Shapes, colors and textures reminiscent of authentic chisel-face stonework were recreated in response to Frank Gould's vision for this homage to the historic Endion Passenger Depot in the Canal Park area of Duluth, Minnesota. Concrete masonry is the perfect modern-day solution for historical renovation and for new structures within an accurate historical perspective.

The newly established Midwest Masonry Promotion Council is composed of masonry contractors, material producers and suppliers collaborating to promote masonry buildings both residential and commercial.

Midwest Masonry Promotion Council
12300 Dupont Ave. S.
Burnsville, MN 55337
612-670-9142 • www.mmpe.info
Craig Hinrichs AIA,
Technical Marketing Director
c.hinrichs@comcast.net

MASONRY SOLUTIONS FOR EFFICIENT, EXPRESSIVE AND SUSTAINABLE DESIGN
A new book profiles the life and work of Harry Wild Jones, a lesser-known turn-of-the-century architect who nonetheless left a lasting imprint on Minnesota.

**Harry Wild Jones**

*AMERICAN ARCHITECT*

By Elizabeth A. Vandam
Nodin Press, 2008

---

Harry Wild Jones: the name is melodious and declarative, similar to Frank Lloyd Wright. Unlike Wright, or contemporaneous architect and sometime competitor Cass Gilbert, Harry Wild Jones isn't known by the average layperson. And yet he designed some of Minneapolis' most iconic buildings, including the Butler Brothers Warehouse (a.k.a. Butler Square), the Lake Harriet restroom buildings and picnic pavilion, Lakewood Cemetery Chapel, Calvary Baptist Church, and the Washburn water tower.

Elizabeth Vandam's celebratory new book, *Harry Wild Jones, American Architect,* retells the architect's story, beginning with his New England and Midwestern childhood, his schooling at Brown University and the Massachusetts Institute of Technology, and his year at the Boston firm of Henry Hobson Richardson, the creator of the Richardsonian Romanesque style. From there, the narrative shifts to Minneapolis, where the young draftsman and his bride, Bertha Tucker, arrived in 1883. Jones soon found work with the local firm of James C. Plant and William Channing Whitney, and the couple began to establish themselves in the city's cultural and social life. In 1886, Jones opened his own practice in the Lumber Exchange building, where he remained until 1921.

Jones designed his own house, Elmwood, in Minneapolis' Tangletown neighborhood, and residential commissions in the area soon followed. (Vandam's love affair with the neighborhood, where she once lived, spawned both *Harry Wild Jones* and her first book, *The Doors of Tangletown.*) Jones also designed a summer cottage on Lake Minnetonka for his family of five. After a near-fatal automobile accident in 1907, he and his wife embarked on a four-month world cruise. It's not known what influence the journey had on Jones' subsequent work, but in 1908 he received the commission for Lakewood Cemetery Chapel, the building often cited as his masterpiece. In the decade that followed, church commissions accounted for the majority of his work; his advertisements even referred to him as "the Church Architect."

By the end of his career at the onset of the Great Depression, Jones had completed more than 300 buildings across the country, the great majority in Minnesota. Vandam has done a thorough job of tracking Jones' work and provides known commissions and building status organized by state in an appendix. The book also makes good use of family photographs and correspondence, and will do much to foster recognition and appreciation of this important architect.

—Carol Ahlgren
Unlocking your vision with every detail set in place.

At Mortenson, our passion is in the details. Our construction professionals tune their expertise to deliver an exceptional building experience at every phase of the project. Put our passion for building what’s next to work for you.
Architect David Salmela, FAIA, ramps up innovation by using a durable skate-park material as exterior cladding.

What does the elegant, tranquil, and award-winning architecture of David Salmela, FAIA, have in common with a raucous skateboard park? They both employ a paper-based composite manufactured by the Richlite Company (www.richlite.com) of Tacoma, Washington. Richlite is composed of layers of recycled paper soaked with phenolic resin and compressed under heat and pressure. The resulting material is a solid surface—durable and waterproof like plastic, but with the warmth and aesthetic character of wood.

Salmela discovered the material when he was hired to renovate an existing manufacturing plant and design an office addition for Duluth-based Hawks Boots, a company that got its start building skate parks, first for rollerblading, then for skateboarding. Hawks Boots itself had discovered Richlite only after a long search and much dissatisfaction with Masonite, a common skate-ramp material that is difficult to bend and turns to pulp when wet. Richlite met all of Hawks Boots’ performance requirements and soon became an industry-standard skating surface marketed under the name Skatelite.

Not long after Hawks Boots hired Salmela, it was out of the skate-park business and was concentrating on two more lucrative markets: cutting boards (Epicurean Cutting Surfaces) made of Richlite, and modern outdoor furniture (Loll Designs) made of Richlite and post-consumer high-density polyethylene, a recycled material that Hawks Boots had used for skate-park structures. “It didn’t take very long to figure out that Richlite is a pretty amazing product,” says Salmela.

The architect was so enamored with its durability—as a skating surface, it withstands sun, moisture, temperature change, and lots of abuse—that he used it both as cladding and interior surface on the Hawks Boots project (page 28) and later on the Yingst House (May/June 2009 issue) and several other residential projects.

Salmela was equally taken with one of the Richlite color options: slate. “The blackness is intriguing,” says Salmela, “and it becomes even more beautiful, with an even deeper matte-like quality, over time.” Adds Loll Designs CEO Greg Benson: “It has a natural appearance. It’s not just flat, painted black. There is variety between sheets. There is a warmth to it.” Salmela says he relished the opportunity to redo the “all-white, monolithic modernist statement in all black” at Hawks Boots.

“The idea that one could use the material as a maintenance-free siding to replace the stereotypical imitations so often used in the mass market . . . it was an obvious solution,” says Salmela. Benson concurs: “He knew what he was looking for; he just hadn’t found it yet.”

—Nancy A. Miller
AIA Contract Documents, the industry standard for 120 years, is the most trusted source for your contract needs.

AIA Contract Documents are the most widely accepted and understood in the industry. The 2007 update of AIA's most frequently used agreements is available in a variety of easy-to-use electronic and paper formats. The intuitive, Microsoft® Word-based software option gives you the most trusted, comprehensive suite of editable documents available. To find out more, visit us online at www.aiacontractdocuments.org/architect.

AIA Minnesota
A Society of The American Institute of Architects

AIA Minnesota
275 Market Street, Ste 54
Minneapolis, Minnesota 55405
612-338-6763
www.aia-mn.org/contract_documents.cfm
Close Landscape Architecture+ (CLA; www.close landarch.com) seems to have a love-hate relationship with walls. On one hand, the firm’s open work environment has no vertical elements taller than the desktop computer monitors. On the other, the long wall at the main entry is home to an ever-changing mosaic of drawings, photographs, and models. Neither space presents a sleek design aesthetic to clients, but firm founder Bob Close doesn’t care. "This is how we work," he explains. "The philosophy is that the openness of the space promotes interaction." That sometimes clutter-producing interaction is apparent both in the studio, where drawings cover every horizontal surface, and on the "amazing wall" (as Close calls it), where rough hand sketches and balsa-wood models share space with professional photographs of built work.

After 16 years in a studio in Lowertown St. Paul, the firm outgrew its space about four years ago and couldn’t find anything it liked in that city. At the time, four years ago, CLA was working regularly with architects Mike Collins and Merle Hanson, who had a space in the Wyman Building in Minneapolis with an open plan, bright light, and large display walls. The landscape architects moved in when Collins Hanson left, made a few alterations to the office, and immediately took advantage of the gallery walls at the entry.

They did so by using them as a pinup space—and they never took anything down. The four slightly canted panels face the main conference room and allow CLA designers to show off a wide range of projects and graphic styles. The firm’s portfolio ranges from residential gardens to large interpretive parks, from condominium roof gardens to university master plans. Its presentations are just as likely to include watercolor plans as photo-montage site views. Once, CLA used the entire entry hallway to create a full-scale mock-up of Como Conservatory’s new bonsai room.

The maelstrom of paper on the amazing wall seems to get turned on its side in the large workroom. One desk blends into the next, the sea of drawings stretching nearly wall to wall. Reminiscent of a mid-century architectural drafting room, the space clearly has no hierarchy. Close’s desk looks just like everybody else’s: no dividers, no additional real estate. “It’s a simple space, but there’s plenty of room,” says Close, looking out over the creative mess. “And it’s definitely lived in.”

—Adam Regn Arvidson

WORKSPACES SAY A LOT ABOUT US. JOIN US ON A TOUR OF ARCHITECTURE OFFICES AND DESIGN STUDIOS AROUND THE STATE, AND YOU'LL SEE ARCHITECTS AND DESIGNERS IN A WHOLE NEW LIGHT.
Whenever your firm needs GREEN Brick, think of us first.

BRICK: Low maintenance, high energy efficiency and low life cycle cost make brick an unrivaled building material.

Why Sioux City Brick is THE GREEN CHOICE:

- Recycled content 7–10%
- Sioux City Brick is the midwest's largest brick manufacturer within 500 miles, approximately 290 miles from the Metro area.
- Ultra Modern Plants use up to 57% less fuel than the average brick manufacturer.
- Flue gas scrubbers purify exhaust, reducing greenhouse gas emission over 48%.
- Raw material is mined less than one mile from the plant.

We Make Great Brick.

Minnesota Brick & Tile

The Brick Professionals

520 W. 86th Street, Bloomington, Minnesota 55420  tel 952.888.9239  fax 952.888.0077

www.mnbrick.com  Click on Related Sites and Products to see all of our products.
In Search of Clarity

By Doug Pierce, AIA

Sustainability. There is a sense of mystery surrounding the concept, and as the dialogue about it moves from the margins of society into the mainstream, the questions keep piling up. It’s a notoriously perplexing subject that expands endlessly across a range of issues, all the while taking deep dives into seemingly endless detail. And depending on who is at the wheel, the definitions being tossed around can be as different as light sweet crude and glacial runoff.

The definition of sustainable design is as difficult to pin down as that of sustainability, prompting many exasperated observers to ask, “Can someone just quickly tell us what it really is so we can get on with it?” Having explored the sustainable-design dialogue for many years, I can say with certainty that this provocative topic escapes simple answers. To better understand sustainable design, it’s helpful to know a little about the larger frame of sustainability. The oft-dispatched sound bite is that sustainability covers economics, social issues, and the environment. Since the 1980s, the United Nations has defined sustainable development as “meeting the needs of the present without compromising the ability of future generations to meet their own needs.”

While this is all true, these short descriptions, even when combined, fail to offer an adequate definition. A complete definition of modern sustainability is elusive because it has no common point of reference, but there is more agreement on the meaning than may be readily apparent. I would summarize sustainability as a full-scale social and technical movement emerging through millions of people and organizations around the world. This new, evolving pattern of civilization is grounded in hope, science, spirituality, environmental urgency, a wide range of issues surrounding social inequity, and the broad use of humanity’s latest power tool, the computer. This new pattern brings into view an abundance of fresh solutions, an elevated understanding of human purpose, and a restructuring of values, all softly focused through the wide-angle lens of ecology.

Since the 1980s, the United Nations has defined sustainable development as “meeting the needs of the present without compromising the ability of future generations to meet their own needs.”

The egalitarian flux of the movement gives it soul. The broad shift of consciousness it inspires, in which more and more humans view the life surrounding them as awe-inspiring, even miraculous, represents an opportunity for our species to mature and bring about change equal to that of the Agricultural and Industrial Revolutions combined.

Ultimately, modern sustainability is all about design—design defined as intentional action guided by reflective thought. It’s about design and problem solving that generate elegant and highly effective solutions of all kinds. It’s about design that

>> continued on page 54
Make a Grand Statement.

Strassen® Bavaria II

Tumbled Aqua-Bric™

BORGERT PRODUCTS, INC. EST. 1923

Manufacturer of Premium Concrete Paving Stones & Walls
800.622.4952 or visit www.borgertproducts.com
We were the first visitors that day, and as I climbed the stairs to what had been the largest religious building in the Roman Empire, I reflected on the site’s millennia of history.

SUN VALLEY

Lebanon is a land of profound history and dramatic contrasts, a truth made clear when Jay Lane of VJAA and I visited the ancient city of Baalbek during a break from photographing the Charles Hostler Student Center at the American University of Beirut (page 32). We left the lush Mediterranean city early on a mid-July morning, headed east over the Western Mountain Range, and descended into the hot and dry Bekaa Valley. At security checkpoints our driver would roll down his window, presumably to explain our intentions, and each time a blast of heat mixed with the cool interior air.

There is one main road heading north through the valley. It passes through a series of small, dusty villages lined with shops offering a variety of goods. Sides of lamb and front-end clips from German luxury cars hang side by side. It seemed strange to be listening to our driver’s choice of hip-hop music while passing the sand-colored tent villages of migrant workers.

When we arrived in Baalbek, we headed straight to the site of the ruins of the Roman temple complex. We were the first visitors that day, and as I climbed the stairs to what had been the largest religious building in the Roman Empire, I reflected on the site’s millennia of history. The day was still young, but the sun was already becoming a powerful presence in this place known by the Romans as Helopolis (City of the Sun).

--Paul Crosby

In Wayfarer, architects and other design enthusiasts share their experiences of architectural environments around the world.
Sustainable design is an environmentally responsible way to help lower the carbon footprint of homes in the environment and the community. With increasing concerns regarding climate change, energy usage, indoor air quality and emissions, engaging an AIA Architect is critical.

AIA Architects have solutions that can help you lower residential energy usage, use more environmentally sustainable materials, improve indoor air quality, and lower emissions. Working within your budget and designing with the environment in mind, AIA Architects walk the walk.

AIA Architects walk the walk on sustainable design.

Walk the Walk
Architects Leading the Sustainable Evolution℠

Join us and together we can walk towards a more sustainable future, visit www.aia-mn.org
Available in shallow, medium and deep assemblies, Carlisle SynTec's Roof Garden Systems are easily installed over our time-tested EPDM and TPO membranes. Roof Garden Systems from Carlisle help improve air quality and aid in storm water management. Through constant innovation, Carlisle offers not only the most dependable roofing products, but also the most environmentally friendly. For more information, contact your local Carlisle representative.

Architectural Consultants
763-226-2600 • 4352 Willow Drive • Medina, MN 55340 • Fax: 763-226-2620
Carlisle and RoofGarden are registered trademarks of Carlisle. © 2008 Carlisle.
We were surprised and delighted to learn that the 11 winners represented the work of 8 different firms. That speaks to a very strong design culture in Minnesota. —jury comment

The 2008 AIA Minnesota Honor Awards celebrate great buildings, but they also remind architects that pursuing quality design is a reward unto itself.

The Paradox of Awards

At the AIA Minnesota convention this past November, psychologist Richard Farson, a former public member of the AIA National board, spoke about his new book, The Power of Design, which includes a chapter critical of awards programs as having the paradoxical effect of de-motivating designers and distracting them from the real work of serving people.

Farson has a point, if architects take awards too seriously and make winning them the point of their practice. But when awards are put in proper perspective, as unanticipated tokens of appreciation, they do serve an important purpose. Despite their focus on individual projects, awards programs primarily indicate what the profession as a whole regards as its best efforts, while offering an invaluable reminder that architects need to find intrinsic rewards in their work and never count on recognition.

In that light, the 2008 AIA Minnesota Honor Awards jury had much to teach. The three jurors—Merrill Elam, FAIA, Bruce Fowle, FAIA, and Sebastian Schmaling, AIA, each profiled on the following page—focused as much on the whole as on individual projects. They continually praised, for example, the quality of construction and detailing they found in many of the 104 submissions, as well as the unassuming and unadorned design—"the clean Minnesota look," in their words—in much of what they saw. And they dispersed their recognition widely, with 8 different firms responsible for the 11 award-winning projects, each representing a different building type.

So look at these awards in two ways. On one hand, they take the measure of what we collectively value. On the other, they remind us to seek our real rewards in what we do every day, even if no one ever notices.

By Thomas Fisher, Assoc. AIA
The Jury Is In

1. MERRILL ELAM, FAIA, is a principal of Mack Scogin Merrill Elam Architects in Atlanta, Georgia. With Mack Scogin, she received the 1995 Academy Award in Architecture from the American Academy of Arts and Letters, and a 2008 Honorary Fellowship in the Royal Institute of British Architects (RIBA). Their work has garnered six National AIA Awards for Design Excellence, and their current projects include the Yale University Health Services Center in New Haven, Connecticut; the Gates Center for Computer Science at Carnegie Mellon University in Pittsburgh, Pennsylvania; and the new U.S. Federal Courthouse in Austin, Texas. In addition to her practice, she has taught or lectured at numerous schools including Yale University, the Harvard University Graduate School of Design, and the Southern California Institute of Architecture (SCI-Arc).

2. BRUCE FOWLE, FAIA, cofounded Fox & Fowle (now FXFOWLE) Architects in New York City in 1978 on the philosophical basis that architecture must be conscious and respectful of context, utility, and sustainability while elevating the human condition. The architecture, interior design, planning, and urban design firm does work around the globe and now has a second office in Dubai. Under Fowle's design leadership, the firm has won international recognition for design excellence and green building innovations. Its numerous major awards include a National AIA Honor Award for the Conde Nast Building in Manhattan, the first green skyscraper in the United States. FXFOWLE collaborated with Renzo Piano on the celebrated New York Times Building.

3. SEBASTIAN SCHMALING, AIA, cofounded Johnsen Schmaling Architects, a Milwaukee-based design and research studio, in 2003 with Brian Johnsen, AIA. Practicing in a region shaped by the tensions between urban rust belt and agrarian hinterland, Schmaling and Johnsen use both city and rural sites as complementary laboratories for their ongoing architectural investigations. The firm's honors include two National AIA Housing Design Awards, four Honor Awards and three Merit Awards from AIA Wisconsin, an Architectural Record Interiors Award, and a 2008 Emerging Voices Award from the Architectural League of New York. Schmaling, a native of Berlin, received a Master of Architecture and Urban Planning from Harvard University, and he regularly teaches at the University of Wisconsin-Milwaukee School of Architecture and Urban Planning.
2008 AIA MINNESOTA HONOR AWARD WINNER

B'nai Israel Synagogue

Inner Light
A beautifully austere new synagogue in Rochester illuminates the spiritual quest of its congregants

By Linda Mack

When the B'nai Israel congregation in Rochester, Minnesota, decided to build a synagogue, they interviewed six architecture firms. Only one team was not Jewish and had never built a synagogue. That team—Hammel, Green, and Abrahamson's Joan Soranno, AIA, John Cook, AIA, and Nick Potts, AIA—won the commission and designed a dignified 15,000-square-foot synagogue that earned a 2008 AIA Minnesota Honor Award. "It's a very restrained, very sophisticated project," says juror Bruce Fowle, FAIA, of FXFowle Architects in New York.

During the interview, "Joan gave an hour-and-a-half graduate-level lecture on Jewish synagogues," recalls Brooks Edwards, who chaired fundraising for the project. "She had clearly done her homework."

Does the scenario sounds familiar? When Soranno and Cook competed to design a chapel in 2002 for United Theological Seminary, an ecumenical Protestant seminary in New Brighton, it was Soranno's personal interest in spiritual architecture that won them the commission. That chapel, whose interior receives abundant light through curving, honey-colored wood screens, was the duo's first religious work. It won both a 2004 AIA Minnesota Honor Award and a 2006 AIA National Honor Award.

Light plays a different but equally central role in the B'nai Israel Synagogue. "In religious architecture, the whole manipulation of light is very important," says Soranno, whose other high-profile projects include the Barbara Barker Center for Dance at the University of Minnesota and the University of Alaska Museum of the North in Fairbanks.
At first glance, it appears to be a typical suburban synagogue, but a closer look reveals subtle reinterpretations, such as the gorgeous Torah wall. — Jury comment

B'nai Israel, a 200-member congregation of both Reform and Conservative Jews, had been holding services in a Mormon church, complete with traditional red brick and a steeple. The congregation had long owned that property on Second Street Southwest, the city's main thoroughfare, and purchased some houses and a commercial property behind it to provide space for parking.

To understand the planning of synagogues, Soranno spent six weeks studying Judaism's architecture. She found that the rules weren't many but some were of utmost importance. Ideally, the sanctuary faces east, toward Jerusalem.

The most sacred element is the ark, where the Torah scrolls are held. Other essential features are the bimah, or raised area for the reading table and lectern, and the hanging eternal light.

With these elements in mind, the team laid out the building on the narrow block-long site. The sanctuary and adjacent social hall occupy a tall, clerestory-lit box that strongly marks the corner on Second Street Southwest. Behind it, the building steps down to hold the library, catering kitchen, and the rabbi's office. The religious school is on the lower level, which, thanks to a six-foot

>> continued on page 57

B'NAI ISRAEL SYNAGOGUE
Location: Rochester, Minnesota
Client: B'nai Israel Synagogue
Architect: HGA Architects and Engineers

Principal-in-charge: Daniel Aven, FAIA
Project team: Joan Soranno, AIA; John Cook, AIA; Nick Potts, Assoc. AIA; Matthew Kreilich, AIA

Energy modeling: HGA
Landscape architect: HGA
General contractor: Alvin E. Benike, Inc.
Size: 15,000 square feet

Cost: $3.1 million
Completion date: October 2008
Photographer: Michael Moran
A large window (left) on the side street opens a view into the synagogue sanctuary. The building’s clean lines create a dignified presence; the stepped-down massing and use of brick and glass (below) makes the building compatible with the surrounding residential neighborhood. An abstract menorah of glass fins identifies the synagogue on its public side.

Inside, the simple, austere finishes and natural light create “a very calming feel,” says congregation member Brooks Edwards.

Every one of the 150 seats is close to the bimah. The social hall behind does double duty as extra seating on High Holidays and special occasions. The high clerestory rims the sanctuary in natural light.
UP ON THE ROOF

The office addition to the Hawks Boots factory sits on the roof overlooking Duluth Harbor. The girder structure allows for large expanses of glass and a cantilevered porch.
DULUTH-BASED LOLL DESIGNS AND EPICUREAN CUTTING SURFACES MADE A SERIES OF LAUDABLE DECISIONS WHEN THEY SET ABOUT ADDING OFFICE SPACE TO THEIR MANUFACTURING FACILITY: THEY HIRED SALMELA ARCHITECT, BUILT THE ADDITION ATOP THE FACTORY TO MINIMIZE ENVIRONMENTAL IMPACT, AND CLAD THE STRUCTURE IN THE SAME SUSTAINABLE MATERIAL THEY USE IN THEIR CUTTING BOARDS AND OUTDOOR FURNITURE.
WHAT CEMENTED THE ARCHITECT-CLIENT RELATIONSHIP WAS SALMELA'S SUGGESTION OF THE FIBER-COMPOSITE BOARD THAT EPICUREAN USES IN ITS CUTTING BOARDS AS A POSSIBLE CLADDING MATERIAL FOR THE BUILDING. "WE REALIZED IN THE FIRST 15 MINUTES THAT THEY HAD AN AMAZING PRODUCT," SALMELA RECALLS.

What will factories in a green economy look like? Hawks Boots, a renovated industrial building in Duluth, with a rooftop office addition designed by David Salmela, FAIA, gives us a good idea. The client—"a young, progressive company," says Salmela—"with innovative, sustainability-minded products"—epitomizes a green-economy manufacturer. The company started as a design-build firm, making skateboard parks out of a paper-based fiber-composite surface material, with structures made out of post-consumer high-density polyethylene derived from recycled plastic containers. Eventually, the business evolved into two companies that make cutting boards (Epicurean Cutting Surfaces) and outdoor furniture (Loll Designs) using the same two sustainable materials. "We're a little different from other companies," admits Loll Designs CEO Greg Benson. "When it came to expand our facilities, we didn't want something traditional."

Rather than build a new building from scratch, they bought an existing 80-year-old factory that had had several additions over the years and that had been used, most recently, to manufacture concrete burial vaults. The factory backs up into a hill, and its easily accessible roof boasts a spectacular view of the St. Louis River and Duluth Harbor off in the distance. At the same time, the four-acre site contained contaminated soil, cement waste, and concrete debris, which the new owners cleaned up with the oversight of the Minnesota Pollution Control Agency.

But the building lacked adequate office space, and so Benson and his two business partners, David Benson and Tony Ciardelli, approached David Salmela. "We knew about David's buildings, such as his Gooseberry Falls visitor center," says Benson, "and we knew that he could give us something that was comfortable to work in." That Salmela had worked on an industrial building earlier in his career was also a plus. What cemented the relationship was Salmela's suggestion of the fiber-composite board that Epicurean uses in

>> continued on page 58
Talk about sustainability: The company didn’t tear down and start over. The simple rooftop insertion creates a whole new image for the building. —jury comment
Cascading down a hill to the Mediterranean Sea, the American University of Beirut's bustling new student recreation complex applies both cutting-edge and traditional green cooling strategies.

Sea Green

The American University of Beirut is located on a steep hill overlooking the Mediterranean Sea, in one of the most densely planted areas of the city. During the day, shade-cooled air from the north-facing campus flows down the hillside toward the waterfront. At night, cool winds blow inland from the sea. The university's new Charles Hostler Student Center, designed by VJAA and winner of both a 2008 AIA Minnesota Honor Award and a 2009 AIA National Honor Award, sits in the middle of this natural air-circulation system between the main upper campus and the Corniche, Beirut's waterfront promenade. In both location and design, the Hostler Center is a natural mediator of climate and urban space.

The complex contains gathering spaces, sports facilities, an auditorium, and underground parking, divided among five sandstone-clad buildings in a field of three plazas that step down toward the sea. A tight circulation network of stairs and paths weaves these elements together. VJAA located the buildings—individually and as a group—in response to Beirut's urban form, circulation patterns, solar orientation, and prevailing winds to create a complex that both echoes and enhances the structure of the existing city.

"We started designing the project by looking at how people have adapted their architectures to the Mediterranean climate," says firm principal Jennifer Yoos, AIA. Adds fellow principal Vincent James, FAIA: "In the end, we combined highly sophisticated green technologies, including radiant surfaces, seawater cooling, and high-efficiency equipment, with traditional, even ancient, environmental concepts in the region, such as courtyard spaces, overhead shading strategies, moving water, and landscaped roof terraces."

The five buildings of the Charles Hostler Student Center are located on three terraces and oriented in response to sun, wind, city, and sea. The design combines traditional materials and innovative technology in a modern expression that reflects local culture.

>> continued on page 54
Charles Hostler Student Center

Location: Beirut, Lebanon

Client: American University of Beirut

Architect: VJAA
www.vjaa.com

Principals: Vincent James, FAIA; Jennifer Yoo, AIA; Nathan Knutson, AIA (managing principal)

Project architect: Paul Taggie, AIA

Project coordinator: Jay Lane

Energy and comfort concept: Transsolar Energietechnik GmbH

Landscape architect: Hargreaves Associates
www.hargreaves.com

General contractor: Karagulla Engineering and Contracting

Size: 204,000-square-foot building,
496,000-square-foot site

Cost: $17 million (translated to $30 million in the U.S. construction market)

Completion date: May 2008

Photographer: Paul Crosby

An interesting reinterpretation of vernacular Lebanese architecture. With its street life and market atmosphere, it becomes a place. — Jury comment
Animating THE COLOSSUS
With a variegated exterior and a few inspired twists, Ankeny Kell Architects elevates a big-box community center and natatorium into something far more engaging

BY CAMILLE LEFEVRE

Designing gigantic sports and recreational buildings with cavernous interior spaces isn't anything new for Ankeny Kell Architects of St. Paul. Nor is the firm unfamiliar with public building projects that facilitate, support, and reflect community, as the firm has won numerous awards for such projects. But when the city of Gladstone, Missouri, and the North Kansas City School District decided to combine resources for a new community center with a natatorium for competition swimming, the challenge became designing a building that could accommodate divergent uses.

"While the community center needs to be accessible and comfortable for the neighborhood 365 days a year," says Ankeny Kell principal Mark Wentzell, AIA, "the school district's need for a competition swimming pool comes up only a few times annually." Also, Wentzell continues, "These building types tend to be very large boxes because of the huge spaces in them, such as a natatorium or gymnasium."
Smart and inexpensive. The interior spaces are filled with light. The community that built this must be feeling pretty good about themselves. – Jury comment

During a four-day design charrette with their clients in a Gladstone City Hall conference room, Wentzell and his design team came up with a “little trick” to animate the rooflines of the box and give the building movement and flow: “On the exterior, we pinched the box on both sides and flared it a little to give the structure more grace and reduce the scale of each façade,” Wentzell explains.

Because the sloping site lies within Gladstone’s historic Central Park, in a neighborhood of single-family homes, Ankeny Kell slightly tucked the structure into the slope on two sides to further reduce its scale. A metal portico and sunshade engages the sidewalk along the street, bringing it up to the zinc-and-glass-clad entrance.

Interior colors were carefully selected to give the large spaces vivacity and warmth, and windows were located to bring in sunlight without glare.

>> continued on page 60
GLADSTONE COMMUNITY CENTER AND NATATORIUM

Location:
Gladstone, Missouri

Clients:
City of Gladstone and North Kansas City School District

Design architect:
Ankeny Kell Architects
www.ankenykell.com

Principal-in-charge:
Mark Wentzell, AIA

Project lead designer:
Mark Wentzell, AIA

Architect of record:
Gould Evans Associates
www.gouldevans.com

Energy modeling:
Henderson Engineers

Landscape architect:
Gould Evans Associates

Construction manager:
McCown Gordon Construction

Size:
84,000 square feet

Cost:
$17 million

Completion date:
February 2008

Photographer:
Mike Sinclair

The entry’s airy, daylit interior communicates an openness to the larger community, which uses the building both for high-school swim competitions and for neighborhood recreation.
AN ELEGANT EXPRESSION OF A SIMPLE MATERIAL—WOOD—TRANSFORMS AN OFFICE AT ST. JOHN'S ABBEY CHURCH INTO AN ETHereal SPACE FOR PRAYER AND REFLECTION
The principal material expression of Marcel Breuer’s Abbey Church at St. John’s University, built in 1961, is the church’s design and materials—any contemporary addition to the building’s materials and design might reasonably be seen as the church’s modern icon. And, in fact, VJAA’s design of the Blessed Sacrament Chapel—the renovation of a small trapezoidal office adjacent to the church—does precisely that. But its references to concrete are subtle, even conceptual. The principal material of the Blessed Sacrament Chapel is wood, mediated by the delicate use of metals and light. “Our intent was to create a chapel that resonated with Breuer’s work without imitating it,” says VJAA principal Vincent James, FAIA. One glimpse through the simple opening in the east wall of the church into the chapel reveals a design that is simultaneously a natural extension of Breuer’s church and a space apart.

In Catholic tradition, “the Blessed Sacrament” refers to the body and blood of Christ, represented in the form of bread and wine, which is given in the Eucharist, or Holy Communion. The Blessed Sacrament is held in a tabernacle, built into the reredos wall—traditionally an ornamental screen located behind the altar. To interpret this holy tradition in the context of St. John’s Abbey Church, VJAA designers found inspiration in Breuer’s limited use of materials such as platinum and gold leaf, copper, glazed tile, and colored glass. They recognized that Breuer found in such materials the power to manipulate light and shadow to dramatic architectural effect.

VJAA’s design combines the light-handed use of such materials with a reinterpretation of the expression of Breuer’s concrete: in wood. “The wood elements in the chapel are variations on material ideas found in the concrete construction of the original church,” James explains. “We were interested in how the angled planes of the concrete openings at the periphery carried light along their surface. The reredos wall uses this concept with angled blocks varying in orientation to carry light across its surfaces. The color of the wood creates an amber light in the space.” Adds fellow principal Jennifer Yoos, AIA: “The acoustic wall slats around the perimeter are based on the patterns of the wood formwork used in the church and the proportions of the slats used in creating the original doors. In the church these patterns are subtle and barely noticed; we felt that by amplifying them in the chapel it would increase people’s awareness of these details when they returned to the church.” Taking its cues from the Breuer masterwork, VJAA’s subtle and sophisticated chapel uses a minimal number of elements and materials to create an architecture of sacred experience.

A simple wood-framed doorway in the east wall of St. John’s Abbey Church provides a compelling glimpse of, and access to, the Blessed Sacrament Chapel. The materials of the chapel both complement and contrast with the materials used by Marcel Breuer in his design of the church.
Technical and community colleges are often uninspired buildings. This addition and renovation brings the students and faculty up a notch. — jury comment
School Pride

An inviting, light-filled addition and renovation at St. Cloud Technical College creates something the school had always lacked: a true campus atmosphere

By Camille LeFevre
St. Cloud Technical College had long suffered from an identity problem, in large part because of its design. Founded in 1965, and now part of the Minnesota State Colleges & Universities (MNSCU) system, the college had expanded multiple times, creating a nearly 300,000-square-foot, one-level facility. "An unfortunate result of the steady growth was an abundance of long interior halls and unrelated entry doors that challenged student wayfinding," says Perkins+Will principal David Dimond, AIA.

In 2007, however, Perkins+Will designed a new glass and copper-clad, 40,000-square-foot front entrance and atrium for the growing college that overlooks a sweeping lawn, functions as a student-faculty gathering space, and houses student services, computer labs, and classrooms. In addition, the firm renovated 48,000 square feet into multipurpose classrooms, a workforce center, and a daylit east-west pedestrian "street" that links to student parking.

"St. Cloud Technical College now has a real college entrance that begins outside and moves students inside as it welcomes them with a light and bright atmosphere," enthuses SCTC president Joyce Helens. The light-filled atrium, she adds, not only provides student services "in the round, in a 'one-stop shop' for information and assistance"; it also serves as an area in which to host arts activities and events (older technical schools typically don't have any gathering space other than the cafeteria). In short, she concludes, the new entrance and addition are "uplifting and raise one's sights to new possibilities."

Perkins+Will came on the scene after a pre-design by another firm had already been completed. That pre-design sited the new front entrance on the building's east side, overlooking a parking lot. One day, then-president Joan Barrett-Volkmuth beckoned Dimond to the northwest side of the campus and asked, "What do you think if we put the new addition here?"

"I knew she was right," says Dimond. "The east side intuitively seemed wrong, and the work we'd already done on the project showed the northwest corner really was the place for the new entry. The key element was the beautiful existing lawn, which dovetailed with Joan's idea of a campus with outdoor spaces, and our idea of an addition with a large front porch as part of the front entrance."

The design team also transformed the college's two-story administrative building into a Minnesota Workforce Center, a state-funded program that offers career and job-placement services. The college and center now have their own entrances.
The front porch is actually a brick-and-concrete plinth elevated above the lawn, "so it becomes a special place," Dimond explains. The two-story glass-walled atrium for gathering and student services is "a monumental living room," he continues. As the new addition stretches west across the lawn, a one-story layer of high-performance, low-E glass opens up the building on the inside where offices are housed; the upper portion, where classrooms are located, was clad in copper.

About the exterior materials, Dimond says, "The MNSCU system has had strict building standards since the 1990s, which challenged our inventiveness. We needed to find a material to fit with the durable, timeless quality of brick—MNSCU’s material of choice—and perform as a light roof wrapper "floating" above the glass, creating the roof plane over the porch. We chose copper for that duty."

Horizontal copper siding "was a purposeful choice," he continues, "as we visually stretched the building, lawn, porch, and parking lot into a single welcoming embrace of students, guiding them inside."

A welcoming walkway with sunshades and curved seating on the east side of the complex adds to the school’s mix of indoor and outdoor spaces.

>>> continued on page 62
be our guest

The long-awaited St. John’s Abbey Guesthouse in Collegeville, Minnesota, offers visitors an experience of monastic life in a lakeside setting

By Christopher Hudson

Hospitality means different things to different people. For the operators of the latest boutique hotels in Minneapolis, hospitality translates to offering an elite level of personalized service and high-design environments for dining and drinks, work and rest. For the monks of St. John’s Abbey in Collegeville, hospitality means receiving guests as they would Christ and providing retreatants with quiet, undisturbed spaces for study and reflection. The latter meaning is given architectural expression in the beautifully austere, AIA Minnesota Honor Award–winning St. John’s Abbey Guesthouse, designed by VJAA.

But don’t let the calming minimalism of the guesthouse, which can accommodate up to 50 visitors in 30 small rooms and suites, fool you into thinking the design was a simple exercise. VJAA was charged with conceiving a building that would reflect the Benedictine principles of integrity, durability, frugality, hospitality, and environmental stewardship; immerse guests in the wooded surroundings of Lake Sagatagan; respond to the 1950s campus master plan by modernist luminary Marcel Breuer; be both a respectful and worthy neighbor to Breuer’s iconic abbey church, science center, and library; and do all this within a tight budget. No easy task, to be sure.

VJAA fulfilled these requirements by arranging the guesthouse into three L-shaped levels that create a midlevel courtyard terrace overlooking the lake, and using economical precast concrete (block and plank) as both structure and finish. The modestly furnished guest rooms—on the upper and lower levels and tucked beneath the terrace on the lower level—all enjoy wide views of the lake and trees, as do the lobby, dining areas, and meditation room on the main level. Translucent channel glass lining the main- and upper-level corridors and a light well reaching down to the lower-level corridor bring additional light into the building. Every space in this spare, intimate guesthouse extends a simple Benedictine welcome.

It was a blustery winter afternoon when SALA architect David O’Brien Wagner, AIA, and a troop of fellow architects and artists toured the grounds of the Minnesota Landscape Arboretum in Chaska to get a first look at potential sites for their yet-to-be-conceived installations. Unfazed by the wind chill, Wagner was struck by the majesty of a nearby stand of mature pines and wandered off the path to investigate. “The site spoke to me,” he recalls. “The simple and strong vertical lines of the trees, the soft carpet of pine needles. I wanted to get people off the main path to experience this.”

Wagner’s installation for the annual arboretum exhibit took the form of a small floating cube, a minimalist modern garden folly waiting to be discovered by the more adventurous conifer enthusiast. But the wood-clad jewel box hovering low among the toothpick pines is not just a sculpture to be appreciated from a distance: two deep, charcoal-gray portals on opposite sides invite visitors into an outdoor room. Inside, the four walls gently tilt outward to frame the evergreen canopy overhead. The vaguely conical shape of the interior inspired Lauren Rath, Assoc. AIA, then a SALA intern, to suggest the name PINE/Cone.

Two gray benches slip out from below the hem of sustainably harvested Minnesota tamarack cribbing, offering visitors a place to rest. The geometry of the space draws eyes upward along the slanted bands of wood—except after a good rain. Then all eyes fall on the shallow black-granite basin at the center of the space. The granite-square-turned-reflecting-pool casts a phenomenological spell as the forest floor is transformed into bottomless sky.

Because PINE/Cone is not burdened by many of the challenges of conventional buildings—plumbing and mechanical systems, keeping the rain out, and the demands of a functional purpose, among others—it stands as a kind of pure architecture. Wagner and his SALA colleagues masterfully seized this rare opportunity to create a structure of rich simplicity that elegantly explores the relationship between humans and nature.  

 holistic
It Takes Two

Two issues, that is, to showcase all 11 Honor Award selections. So we’re saving the three residential winners—Salmela Architect’s Yingst House, Alchemy’s Whitney Loft Renovation, and Mayo Woodlands Plan #1 by ALTUS Architecture+Design, Coen+Partners, and Salmela Architect—for our May/June issue. Be sure to check back in the spring, because these three distinctive homes are as photogenic as they come.
ON THE WATERFRONT

Toronto’s massive, ongoing waterfront revitalization effort has been powered not by developers but by robust funding and the vision of top landscape architects, architects, and urban designers. Is this risk-taking venture a relevant model for further waterfront enhancements in Duluth, Minneapolis, and St. Paul?

By Adam Rezn Arvidson

ALL IMAGES COURTESY OF WATERFRONT TORONTO

The vision for Toronto’s Central Waterfront is drawn from what landscape architect Adrian Geuze calls the Canadian landscape perspective: wooded shorelines and wooden docks. Minnesotans, of course, share that mental picture.
John Campbell isn’t afraid to point out the shortcomings of Toronto’s Lake Ontario waterfront. In his words, it lacks continuity. “It’s hodgepodge and choppy,” he says. “We haven’t got that iconic waterfront.” Campbell is in a position to change that. As CEO of the private agency Waterfront Toronto (www.waterfronttoronto.com), he is at the top of an effort to revitalize the mishmash of industrial sites, entertainment venues, underutilized green spaces, and transportation corridors that constitute the water’s edge in Canada’s largest city. Waterfront Toronto is accomplishing this with exceptional worldwide design talent, innovative ideas, and significant financial resources.

Thanks to endowments by the federal, provincial, and city governments, Campbell’s organization has exclusive control of 2,000 acres of public waterfront and, at its inception in 2001, was handed $1.3 billion Canadian (just over $1 billion American). Ultimately, Waterfront Toronto plans to build 40,000 new housing units, 10 million square feet of employment space, and $4.5 billion in public infrastructure improvements.

To this end, the organization is working on at least seven major design projects with a high-powered roster of landscape architects and architects: West 8, Janet Rosenberg, Field Operations, Urban Design Associates, Michael Van Valkenburgh, Canadian star Claude Cormier, and multiple national award winner Phillips Farevaag Smallenberg. Several of the largest commissions have come through design competitions, most notably the keystone of the whole undertaking, the Central Waterfront.
A number of landmarks and destinations line Toronto's Lake Ontario waterfront.

- a. Historic Fort York
- b. Downtown Airport
- c. Toronto Music Park
- d. Rogers Centre
- e. CN Tower
- f. Central Business District
- g. Toronto Islands
- h. Lower Don Lands
- i. West Don Lands

In an effort to transform its industrialized, underutilized waterfront into an urban north-woods enclave, Toronto has planned and is now building some stunning, innovative landscapes by a high-powered roster of landscape architects.
Here in Minnesota, we have waterfronts, too, and they're not unlike Toronto's. Minneapolis' riverfront gets its character from active barge locks, a hydropower-generation plant, and historic mills. St. Paul's is home to an airport, marinas, flood-protection levees, and power plants. Duluth Harbor has stone breakwaters, a freeway, and docks for ocean-going vessels.

But the commonalities don't stop there. The design of Toronto's Central Waterfront is based on beautiful lake views, trees on the shoreline, and wooden docks—essentially the view from a rustic lake cabin. Says Adriaan Geuze, founder of West 8, who with local firm Du Toit Allsopp Hillier (DTAH) is designing that major project: “This is what Canadians share—this perception of the landscape.” That same mind’s-eye view is no doubt familiar to many Minnesotans.

In an effort to transform its industrialized, underutilized waterfront into an urban northwoods enclave, Toronto has planned and is now building some stunning, innovative landscapes. Here's what the city is up to.

**CENTRAL STAGE** Toronto's waterfront is a stretch of Lake Ontario somewhat cut off from the rest of the city by the elevated Gardiner Expressway. A semicircular atoll arcs out into the lake, forming a sheltered lagoon in front of the downtown area that is well used by pleasure boaters and commercial ships alike. These Toronto Islands, as they are called, are a vast public park, accessible by ferry from downtown. Several city landmarks, such as the Rogers Centre (home of the Blue Jays), Union Station, and the CN Tower, sit just behind the expressway.
The Spadina WaveDeck is the first wooden slip bridge to be implemented. It's designed to create more pedestrian space where the slip pinches inland. The surface is an undulating series of wooden ribbons that rise and fall to create different seating opportunities and views.

The Central Waterfront stretches for three kilometers and includes the entire area between the expressway and the water, including Queens Quay Boulevard, the last street before the lake.

HtO Park
DESIGNER: Janet Rosenberg + Associates
www.jrala.ca
TIMELINE: Completed 2007
SIZE: 5 acres

HtO is an urban beach without actual water access. Its bright yellow umbrellas and biomorphic patches of lawn create a playful atmosphere that landscape architect Janet Rosenberg says is partly inspired by Georges Seurat paintings. The park includes a large expanse of sand complete with concrete basking tables.
We believe that building a great city requires building a great public realm. We want the water’s edge to be recaptured by people.” — WATERFRONT TORONTO CEO JOHN CAMPBELL

SHERBOURNE PARK
DESIGNER: Phillips Farevaag Smallenberg
www.pfs.bc.ca
TIMELINE: Conceptual design completed 2008; construction to begin 2009
This linear finger slipping between the mixed-use buildings of the East Bayfront development will include a formalized birch grove, a linear purification runnel with a pond/event stage/skating rink in the center, and a basking lawn at the lake’s edge.

Waterfront Toronto’s plans involve several key areas. The Central Waterfront stretches for three kilometers and includes the entire area between the expressway and the water, including Queens Quay Boulevard, the last street before the lake. According to Waterfront Toronto, West 8 + DTAH’s winning scheme for the Central Waterfront had three aspects that set it apart. First, the design transforms Queens Quay Boulevard, currently a four-lane roadway with streetcar tracks down the middle, by eliminating the vehicle lanes on the water side of the tracks and reducing car traffic to one lane in each direction on the city side. Such reclamation of public space—a theme of Waterfront Toronto’s initiatives in general—is the cornerstone of the second key design element: undulating boardwalks, called WaveDecks, that extend out over the many harbor slips, creating public space where there was none before. The first, the Spadina WaveDeck, is complete, and several others are under construction.

The final key element of the Central Waterfront is a consistent water’s edge designed to reflect that Canadian idea of the landscape. West 8 + DTAH proposed a stone harbor walk with a wooden extension that reaches out over the water like a dock. A few steps will distinguish the two and allow space for seating. A veritable forest will be planted on the shoreline, effectively changing the view of downtown Toronto from a purely urban façade to a smattering of tall buildings rising up from behind the woods. Docks for pleasure and excursion boats will be placed perpendicular to the shoreline, to maximize views across the lagoon to the islands.

>> continued on page 61
DON RIVER PARK
DESIGNER: Michael Van Valkenburgh Associates
www.mvvalinc.com
TIMELINE: Concept planning began 2005; construction under way 2009
SIZE: 18 acres
This park sits atop the flood-protection levee that makes development of the West Don Lands possible. It's roughly divided into three spaces: a central multipurpose lawn area and two large mounds that rise 30 feet above the existing grade. One of the mounds, dedicated to recreation and play, will be home to a water playground, picnic areas, and pavilions. The other, says MVVA project manager Laura Solano, "is intensified nature," complete with wetlands.

LAKE ONTARIO PARK
DESIGNER: Field Operations
www.fieldoperations.net
TIMELINE: Project awarded spring 2006; final master plan complete 2008; construction schedule to be determined
SIZE: Approximately 1,000 acres
Lake Ontario Park sits on an unusual area of spit islands, secluded bays, ad-hoc parks, boating clubhouses, and beaches. The master plan charts three transects that pass through the various landscapes without transforming them, and roughly 400 "outposts," which Field Operations project manager Richard Kennedy describes as "small points of refuge, protected niches, which highlight the existing conditions."
In Search of Clarity

recognizes the interconnected nature of everything in our world, embracing a systems perspective derived from biology and ecology. Looking at everything is a daunting challenge for designers. But for design to be salient, it must effectively solve the problems of its time, and the very nature of our current problems requires systems thinking.

Of course, we may never fully understand every detail of how everything comes together. But getting a clearer, fuller picture of how it all works, as a whole system, is absolutely essential. While contemporary design has been mostly about objects and their relationships, sustainable design is mostly about relationships and their objects. As ecologist and author David Orr would say, the question is "not whether or not human societies have a design strategy, but whether that strategy works ecologically and can be sustained." AMN

Sea Green

The north and south sides of the buildings are highly porous to take advantage of those breezes up and down the hill, and the sectional layout of the complex with terraces, passageways, and gardens encourages the traditional Mediterranean migration of activity from lower to higher levels as day turns to night. Aluminum and precast-concrete sun louvers on the buildings’ east- and west-facing openings work in concert with gardens, waterfalls, and adjacent structures to create daytime shade on the lower levels. In the evening, the sea breezes make the rooftop terrace the place to be.

VJAA’s Hostler Center affirms that modern and historical are not always mutually exclusive; that passive, even traditional, cooling strategies may be superior to the most advanced environmental technologies; and that buildings that are truly sensitive to climate and site can comprise the most elegant, humane architectural design. AMN

THE WEIDT GROUP®
30+ YEARS

Congratulations to all of the AIA Minnesota Honor Awards Recipients!

Landscape Architects
866.830.3388
www.sehinc.com

ENERGY DESIGN

ENERGY DESIGN ASSISTANCE

TWGI.COM
Anchor Block Company is a Midwest leader with a 100-year history of designing and manufacturing innovative concrete landscape and masonry products. Anchor provides comprehensive solutions for homeowners, contractors, architects, engineers and retailers - to create beautiful and enduring environments.

Richlite would like to congratulate David Salmela for winning AIA Minnesota’s Gold Medal Award for lifetime achievement and significant contributions to architecture.

We are very pleased that Mr. Salmela has enjoyed using Richlite as one of his creative materials. Visit www.richlitesamples.com to order your spec set of this versatile product. From wainscoating to counters, the strength of Richlite is tops!!

"Richlite – Bringing Countertops out of the Stone Age Since 1958"

Eric David Kube, LTD. 866-536-5823
Richlite Central States Factory Rep.
Inner Light
<< continued from page 26

don in the site, receives natural light. Parking is on the back side of the block.

Simple materials—buff-colored brick, glass, and ipe wood—create a stately presence that blends with the residential neighborhood. A large side window looks into the space. A terraced garden softens the arrival sequence. “Joan wanted a little meditative garden,” says Edwards, “It’s a lovely addition. As you enter, you walk by and look up to it. It’s reached from inside.”

Inside, the simple, austere finishes and natural light create “a very calming feel,” says Edwards. The sanctuary faces east, with the 150 seats arranged around the bimah in a “broad house” layout that is wider than it is deep. The social hall behind it can be opened up for High Holidays, weddings, or other special occasions for another 100 seats. In the minimalist sanctuary the focus is the ark wall, a series of translucent acrylic layers lit from above and the sides so that the back layer is lighter than the front one. Soranno says the idea was inspired by the Hebrew scriptures, which say that the deeper you go, the closer to enlightenment you come.

“Everybody sees something different in the ark wall,” Edwards observes. “In Judaism, there are layers and levels of interpretation. Depending on where you sit, things look different. The wall is the physical embodiment of that philosophy.”

The ark itself, designed by Nick Potts, combines two colors of translucent onyx to create a rich, warm religious centerpiece. “Both onyx and wood are symbolic for Judaism,” Soranno explains. The pattern is created from abstracted shapes of Hebrew letters. The team also designed the reading table, lectern, candlesticks, and the eternal light, which was blown by St. Paul glass artist Dick Huss.

Edwards says the congregation couldn’t be happier with the synagogue, from the light-filled and kid-comfortable religious classrooms on the lower level to the sanctuary, “where you immediately feel at peace.” “So much thought went into this building to make it both beautiful and usable,” he concludes.

What’s next for Soranno and Cook? In addition to working with California architect Frank Gehry on the expansion of the University of Minnesota’s Weisman Art Museum, they are designing another building of spiritual import: a new mausoleum for the venerable Lakewood Cemetery in Minneapolis. AMN

Residential & Commercial Solutions Including:
Elevators
Vertical & Inclined Lifts
Stairway Lifts
Dumbwaiters
LU/LA Elevators

Updated catalog and vertical transportation code guide now available. Call 1-888-81-LIFTS.

Arrow-Lift.com

Hedberg Eco
Sustainable, Responsible, Local

Eco-Friendly Products for your Eco-Friendly Projects

With hundreds of natural stone blends quarried and pavers and wall blocks manufactured within 500 miles of the Twin Cities, Hedberg is your source for Eco-Friendly products for LEED® and MN GreenStar projects.

975 Nathan Lane N.
Plymouth • 763-225-0540
www.hedbergrocks.com/AlA
When it's "wonderfully Spartan" spaces, as Salmela aptly describes this addition. AMN
To get the job done, look to the experts at AVI Systems who can recommend the right products and services.

Let AVI introduce you to SMART Technologies, the world leader in interactive whiteboards. Brainstorm, write notes, open multimedia files, refine ideas and save decisions all at your fingertips by leveraging your team's intelligence.

Whatever your needs, AVI designs and integrates them all with our design-build process. Call AVI today at 952.949.3700 for a demonstration.

Make Innovation Work For You

BIM, design-build, sustainable design: Innovations present fantastic opportunities for the forward-thinking architects and engineers who seize them. But being on the leading edge cuts two ways. Greater rewards mean greater risks.

That's where we can help. As your exclusive agent for the Design Professional group of the XL Insurance companies, we can deliver a customized program of innovative insurance and risk management solutions available nowhere else. A prime example is The XL Insurance Contract Guide for Design Professionals: A Risk Management Handbook for Architects and Engineers. This authoritative guide focuses on issues and trends in contracts, claims and practice management including valuable loss prevention advice on BIM, design-build, and sustainable design. It's one more way we can help you confidently take on new challenges while minimizing your risks.


H. ROBERT ANDERSON & ASSOCIATES, INC.
Theresa Anderson
Jeanne Danneier
Ruthann Burford
Tel: 952-893-1933

March/April 2009 ARCHITECTURE MINNESOTA 59
The varied material palette further helps to “break down the scale of the building,” Wentzell says, but it also appeals to the structure’s various constituents. “Communities think of community buildings as being brick buildings,” he observes. “It’s a material people feel comfortable with. So we used brick at the entry points and worked in other materials.”

The corners of the building and the social wing are clad in zinc, which is interspersed with metal-framed glass window walls. Custom concrete panels line the natatorium. “Precast is a great material for these buildings, because it’s so durable on the inside and outside,” Wentzell says. “But it’s typically pedestrian, even homely.”

So Ankeny Kell designed several computer models to study how light and shadow would play across a variety of computer-generated patterns. After choosing a final pattern for the precast panels, the architects assembled the panels into a random design. They placed the panels in a vertical pattern on some portions of the building, and in a horizontal pattern on others. The result, Wentzell says, is a building as animated on the outside as it is on the inside.

An east-west “street” through the middle of the structure will connect with a thoroughfare for a proposed redeveloped downtown. In the meantime, this linear space serves as a community art gallery. The “street-clothes half” of the facility includes a banquet center, community meeting rooms, and gathering space, Wentzell says, while the “gym-clothes half” is dedicated to a gymnasium, fitness center, leisure pool (for children), natatorium, and support spaces.

Ankeny Kell carefully introduced natural light into the gym and swimming areas by “pinching the box to change the angles that light comes in,” Wentzell explains. A combination of clear and translucent glass in windows near the ceilings of the large spaces ensures that natural light enters without causing glare.

Warm, lively colors throughout the Gladstone Community Center and Natatorium create a welcoming atmosphere that encourages health, wellness, and community interaction—whether the day’s events include competition swimming or a neighborly pickup game of hoops. AMN
On the Waterfront

<< continued from page 52

Three major development areas lie east of the Central Waterfront. East Bayfront sits right on the lagoon and will receive a waterfront treatment similar to that of the central area. The West Don Lands is located near the Don River, inland from the expressway, and will benefit from the adjacent 18-acre Don River Park. The Lower Don Lands are a group of industrial sites jutting into the lake. The award-winning master plan for this zone, by Michael Van Valkenburgh Associates, will create an entirely new, naturalized river mouth. Parks, in various stages of planning and construction, will appear throughout these development areas and as stand-alone projects. They range in scale and character from the five-acre, beach-without-water HTO Park to the creative flood mitigation of Don River Park to the 1,000-acre Lake Ontario Park (see capsules on pages 51 and 53).

MINNESOTA PARALLELS “We believe,” says Campbell, “that building a great city requires building a great public realm. We want the water’s edge to be recaptured by people.” That idea is probably akin to what landscape architect H.W.S. Cleveland was thinking when he planned out Minneapolis’ and St. Paul’s Grand Rounds in the late 19th century. It was certainly on the minds of designers and the public when I-35 was extended between Duluth’s downtown and its waterfront. In these three Minnesota cities, people can walk almost continuously at the water’s edge, entertained along the way by unique points of interest such as the symbolic fountains at Chestnut Plaza and the grand stairs at Harriet Island in St. Paul, the catwalks of Father Hennepin Park and the falls-edge views of Water Power Park in Minneapolis, or the famous Duluth Lakewalk.

Parallels may also be drawn between Waterfront Toronto and the St. Paul on the Mississippi Design Center, which is dedicated to reinforcing the urban character of St. Paul through good design and public facilitation. Both organizations operate independently but are closely allied with the cities they serve. Both have made significant changes to their home landscapes (for local examples, look at the Upper Landing and Landmark Plaza). Both have attracted national design talent (Laurie Olin for Landmark Plaza and Wallace Roberts and Todd for Harriet Island), although the Design Center relies mostly on local firms. Both have hosted

> > continued on page 62

Not your garden variety green roof

A “successful” green roof is one that stays watertight and looks great over time - not for just the first or second year, but for decades. American Hydrotech's Garden Roof® Assembly is based on more than 35 years of proven green roof technology and experience. Because it’s designed from the substrate up as a “complete assembly”, it’s much more than just the sum of its parts.

American Hydrotech’s Total System Warranty provides owners with single source responsibility from the deck up. This is a warranty that only American Hydrotech can offer, and peace of mind that only American Hydrotech can provide.

California Academy of Sciences - San Francisco, CA (2008 Green Roof Awards of Excellence winner)

Local Rep: Allen Gehrke 612.385.4636 www.hydrotechusa.com
School Pride

The design team also transformed the college's two-story administrative building into a Minnesota Workforce Center, a state-funded program that offers career and job-placement services. The college and center now have their own entrances, but their students mingle in the atrium, which conjoins the two institutions, and along the east-west pedestrian "street" fronting the newly renovated space.

"The east-west street was accomplished by identifying underutilized existing space not planned for renovation," Dimond says. "We increased the amount of renovation and reduced the amount of new construction to provide more functional space and a welcoming porch—all within the budget."

From a cramped and windowless building with more than 20 doors leading into various areas of the facility, St. Cloud Technical College now has a welcoming front entrance and a signature identity aligned with traditional notions of a college campus. "The new entrance has attracted the community to come inside, many for the first time," Helens says. "And one student has said of the new addition, "Now I feel like I attend a real college—I feel pride in how it looks! Students and staff agree!"

On the Waterfront

design competitions (the Design Center sponsored one for the Head House and Sack House in 2003). But the Design Center controls no land, and it certainly doesn't have $1 billion to play with.

What would Campbell say, then, to other cities with multifaceted waterfronts and cold winters, like those in Minnesota? "Regardless of climate," he says, "it's important to create a community. This is not about peddling real estate on the waterfront; it's about creating an experience there." He also stresses the importance of mixed-income housing, so that waterfronts are not "narrow enclaves of the über-rich."

Minnesota cities are doing most of this: mixing incomes at the Upper Landing, linking commerce and nature along the Duluth Lakewalk, and creating master plans for parts of St. Paul before the developers come in. But there are some pretty fun, groundbreaking ideas under construction in Toronto. Maybe Minnesota should have another design competition to get those creative juices flowing again.

 Portions of the project capsules in this article were previously published in the December 2008 issue of Landscape Architecture magazine.
ATSR PLANNERS/ARCHITECTS/ENGINEERS
8501 Golden Valley Road, Suite 300
Minneapolis, MN 55427
Tel: (763) 545-3731
Fax: (763) 545-3289
Email: gstones@atsr.com
www.atsr.com
Established 1944
Contact: Graham Sones, (763) 545-3731

Firm Principals/Contacts
Paul W. Erickson, AIA
A. Graham Sones, ASLA
Ronald J. Spoden, ASLA
Kirk Roessler, PE

Firm Personnel by Discipline
Landscape Architects  9
Other Professional  16
Technical  60
Administrative  14
Total  93

Work %
Site planning/development studies  20
Parks/open spaces  5
Urban design/streetscapes  5
Master/comprehensive planning  10
Multi-family housing/PUDS  10
Schools/campus planning  50

BKV GROUP
222 North Second Street
Minneapolis, MN 55401
Tel: (612) 339-3752
Fax: (612) 339-6212
Email: jszymykwicz@bkvgroup.com
www.bkvgroup.com
Established 1978
Other Office: Chicago
Contact: Jesse Symynykwich, (612) 373-9500

Firm Principals/Contacts
Jesse Symynykwich, ASLA
Iam Lamers, ASLA
Jack Boorman, AIA
Bill Baxley, AIA
Ted Redmond, AIA
Victor Pechaty, AIA

Firm Personnel by Discipline
Landscape Architects  2
Other Professional  43
Technical  10
Administrative  10
Total  65

Work %
Residential (decks/gardens)  10
Site planning/development studies  30
Parks/open spaces  15
Master/comprehensive planning  15
Multi-family housing/PUDS  30

Inver Grove City Hall, Inver Grove Heights, MN; St. Cloud Police Station, St. Cloud, MN; Jamestown College Master Plan, Jamestown, ND; Elter City Apartments, Minneapolis, MN; Worthington YMCA, Worthington, MN; Blue Apartments, Minneapolis, MN

RON BEING ASSOCIATES LLC
1720 Mount Curve Avenue
Minneapolis, MN 55403
Tel: (612) 418-0772
Fax: (612) 374-8149
Email: ronbeining@aol.com
Established 2002
Contact: Ron Beining, (612) 418-0772

Firm Principal
Ron Beining, ASLA (MN, CA)

Firm Personnel by Discipline
Landscape Architect  1

Work %
Residential (decks/gardens)  80
Interior architecture, landscape structures  20

PERIN Residence, Minneapolis, MN; Fuller/ Roeth Residence, Minneapolis, MN; Phillips Residence, Minneapolis, MN; Brown Residence, Minneapolis, MN; Peterman/Wilson Residence, Minneapolis, MN; Fuzzy Residence, Maple Grove, MN

BONESTROO
2335 West Highway 36
St. Paul, MN 55113
Tel: (651) 636-4600
Fax: (651) 636-1131
Email: info@bonestroo.com
www.bonestroo.com
Established 1956
Other MN Offices: St. Cloud, Rochester
Other Offices: Milwaukee, Libertyville (IL)
Contact: Jeff McDowell, (651) 604-4798

Firm Principals/Contacts
John Shardlow, AICP
John Urban, ASLA
Geoff Martin, ASLA
Jeff McDowell, ASLA
Stuart Krahn, ASLA
John Slack, ASLA

Firm Personnel by Discipline
Landscape Architects  4
Other Professional  217
Technical  70
Administrative  59
Total  350

Work %
Site planning/development studies  10
Environmental studies (EIS)  10
Parks/open spaces  10
Urban design/streetscapes  25
Recreation areas (golf, ski, etc.)  5
Master/comprehensive planning  10
Multi-family housing/PUDS  10
Transit/transportation  20

Grand View Lodge Master Plan, Brainerd, MN; Twin Lakes Parking Structure, Roseville, MN; I-35 Parking Structure, Lakeville, MN; TCF Stadium Urban Stormwater Design, Minneapolis, MN; Pokegama Clubhouse Master Plan, Grand Rapids, MN; Performing Arts Center, Burnsville, MN

Directory of Landscape Architecture Firms

Architecture Minnesota has published an annual directory of landscape architecture firms for the past 17 years as a means of informing the public and other design professionals of this rich resource of design talent and judgment.

Firms listed in this directory are either owned and operated by members of the Minnesota chapter of the American Society of Landscape Architects, or they are AIA Minnesota firms that employ registered landscape architects.

Should you wish further information about the profession of landscape architecture, call the Minnesota chapter of the American Society of Landscape Architects (ASLA) at (612) 339-0797.

LEGEND
AIA Licensed Member, American Institute of Architects
AICP American Institute of Certified Planners
ASLA Licensed Member, American Society of Landscape Architects
FASLA Fellow, American Society of Landscape Architects
LA Licensed Landscape Architect
LEED Leadership in Energy and Environmental Design, Accredited Professional
PE Professional Engineer
RA Registered Architect
RLS Registered Land Surveyor
Bryan Carlson Planning & Landscape Architecture

St. Anthony Main, Suite 319
212 SE 2nd Street
Minneapolis, MN 55414
Tel: (612) 623-2447
Fax: (612) 623-2447
E-mail: bcarlson@bryancarlson.com
Established 2000
Other Office: Peninsula Papagayo, Costa Rica
Contact: Bryan Carlson, (612) 623-2447

Firm Principal

Bryan D. Carlson, FASLA

Firm Personnel by Discipline

Landscape Architects: 1
Technical: 1
Total: 2

Work %
Residential (decks/gardens): 10
Site planning/development studies: 20
Parks/open spaces: 10
Urban design/streetscapes: 10
Recreation areas (golf, ski, etc.): 5
Master/comprehensive planning: 20
Resort planning/design: 25

Peninsula Papagayo Resort and Golf Community, Guanacaste, Costa Rica; Veterans' Memorial, Shattuck St. Mary's School, Faribault, MN; WWII Veterans' Memorial, Minnesota State Capitol, St. Paul, MN; Wells Fargo Home Mortgage Campus, Minneapolis, MN; Minnesota Landscape Arboretum Visitor's Center, Chanhassen, MN; First Street Plaza, Rochester, MN

Close Landscape Architecture

400 First Avenue North, Suite 528
Minneapolis, MN 55401
Tel: (612) 455-2980
Fax: (612) 455-2204
E-mail: bclose@closelandarch.com
www.closelandarch.com
Established 1976
Contact: Bob Close, (612) 455-2990

Firm Principals/Contacts

Bob Close, LA, FASLA
Bruce Jacobson, ASLA
Jean Carbarini, ASLA
James Robin, ASLA
Deb Bartels, ASLA

Firm Personnel by Discipline

Landscape Architects: 6
Interns (landscape): 5
Other Professional: 5
Technical: 1
Total: 12

Work %
Residential (decks/gardens): 15
Site planning/development studies: 15
Parks/open spaces: 15
Urban design/streetscapes: 10
Master/comprehensive planning: 10
Multi-family housing/PUDs: 5
Higher education: 15
Medical: 15

Great River Energy Corporate Headquarters, Maple Grove, MN; Benedicta Arts Center Courtyard, College of St. Benedict, St. Joseph, MN; Chestnut Plaza/Upper Landing, Saint Paul, MN; Japanese Gardens Experience, Como Park, Saint Paul, MN; Medtronic CRM Corporate Campus, Mounds View, MN; Children's Hospitals and Clinics of Minnesota, Minneapolis, MN

Coen & Partners

400 1st Avenue North, Suite 210
Minneapolis, MN 55401
Tel: (612) 341-8070
Fax: (612) 339-5807
E-mail: share@coenpartners.com
www.coenpartners.com
Established 1992
Other Office: New York, NY
NY Contact: Bryan Kramer, (212) 691-6835

Firm Principals/Contacts

Shane Coen, ASLA
Stephanie Grutta, ASLA
Bryan Kramer, ASLA
Travis Van Liere, LA

Firm Personnel by Discipline

Landscape Architects: 8
Interns (landscape): 1
Administrative: 1
Total: 10

Work %
Residential (decks/gardens): 20
Site planning/development studies: 10
Parks & open spaces: 15
Urban design/streetscapes: 20
Recreation areas (golf, ski, etc.): 5
Master/comprehensive planning: 10
Multi-family housing/PUDs: 20

Lavin Bennick Center, Tulane University, New Orleans, LA; Westminster Presbyterian Church Courtyard/Columbarium, Minneapolis, MN; Gwanggyo Lakeside Park Competition, Suwon, South Korea; Jackson Meadow, Marine on St. Croix, MN; Soranno Residence, St. Paul, MN; Historic Fort Snelling Master Plan, Fort Snelling, MN; Jumeirah Garden City, Coastal Island Villas, Dubai, UAE; Minneapolis Central Library, Minneapolis, MN

Emmons and Olivier Resources, Inc. (EOR)

Main Office: 851 Hale Avenue NW
Oakdale, MN 55128
Tel: (651) 770-8448
Fax: (651) 770-2552
E-mail: info@eorinc.com
www.eorinc.com
Established 1997
Other MN Office: Park Rapids
Contact: Kevin Biehn, (651) 203-6022

Firm Principals/Contacts

Kevin Biehn, ASLA, LEED AP
Brad Aldrich, ASLA, LEED AP
Chris Lethart, PhD, ASLA
Eli Rupnow, PE, LEED AP
Brett Emmons, PE
Cecilio Olivier, PE

Firm Personnel by Discipline

Landscape Architects: 2
Interns (architectural + landscape): 2
Engineers: 14
Natural Resource Professionals: 17
Hydrogeologists: 2
Surveyors (licensed): 2
Administrative: 3
Total: 42

Work %
Site planning/development studies: 20
Parks/open spaces: 15
Environmental studies (EIS): 9
Master/comprehensive planning: 10
Multi-family housing/PUDs: 10
Ecosystem restoration/green infrastructure: 5

Amery Regional Medical Center Sustainable Campus, Amery, WI; Bruce Vento Nature Sanctuary, St. Paul, MN; Como Neighborhood Community-wide Rain Gardens/Flood Prevention, St. Paul, MN; Rice Creek Restoration, Rice Creek Watershed, MN; Mill Park Master Plan/Ecological Restoration Plan, Little Falls, MN; Minnesota Pollution Control Agency
**ERNST ASSOCIATES**

3250 Chaska Boulevard  
Chaska, MN 55318  
Tel: (952) 448-4094  
Fax: (952) 448-8997  
Email: ernsta@comcast.net  
Established 1977  
Contact: Gene F. Ernst, (952) 448-4094

**Firm Principals/Contacts**

Gene F. Ernst, ASLA  
Sonia Walters, LA

**Firm Personnel by Discipline**

<table>
<thead>
<tr>
<th>Discipline</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Landscape Architects</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Administrative</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>11</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Work %**

| Residential (decks/gardens) | 10   |
| Site planning/development studies | 30   |
| Parks/open spaces            | 10   |
| Urban design/streetscapes    | 25   |
| Master/comprehensive planning| 10   |
| Multi-family housing/PUDS    | 10   |
| Graphic design/models/signage| 5    |


---

**DAMON FARBER ASSOCIATES**

923 Nicollet Mall  
Minneapolis, MN 55402  
Tel: (612) 332-7522  
Fax: (612) 332-0396  
Email: dfarber@damonfarber.com  
www.damonfarber.com

Established 1981  
Contact: Damon Farber, FASLA, (612) 332-7522

**Firm Principals/Contacts**

Damon Farber, FASLA  
Tom Whitlock, ASLA  
Joan MacLeod, ASLA, LEED AP  
Matt Wilkens, ASLA  
Terry Minarik, ASLA  
Peter Larson, ASLA

**Firm Personnel by Discipline**

| Landscape Architects | 7    |
| Landscape Planning/Development | 10   |
| Administrative         | 1    |
| Total                  | 18   |

**Work %**

| Residential (decks/gardens) | 5    |
| Site planning/development studies | 30   |
| Parks/open spaces            | 5    |
| Urban design/streetscapes    | 35   |
| Master/comprehensive planning| 20   |
| Multi-family housing/PUDS    | 5    |
| Graphic design/models/signage| 5    |

| Coloplast US Corporate Headquarters, Minneapolis, MN: Target National Site Design Standards, Nationwide; Minnesota Zoo Woodland Adventure, Apple Valley, MN; Twin Green/Amphitheater, Maple Grove, MN; Melrose Institute Healing/Therapeutic Garden, St. Louis Park, MN; Anderson Student Center/Quad Master Plan, University of St. Thomas, St. Paul, MN |

---

**HAMMEL, GREEN & ABRAHAMSON, INC.**

701 Washington Avenue North  
Minneapolis, MN 55401  
Tel: (612) 758-4000  
Fax: (612) 758-4199  
Email: info@hga.com  
www.hga.com

Established 1953  
Other MN Office: Rochester  
Other Offices: Milwaukee, Sacramento, San Francisco, Los Angeles  
Contact: Gary Fishbeck, ASLA, (612) 758-4243

**Firm Principals/Contacts**

Gary Fishbeck, ASLA  
Ted Lee, ASLA, LEED AP  
Emanouil Spassov, ASLA  
Ross Altheimer, ASLA

**Firm Personnel by Discipline**

| Landscape Architects | 4    |
| Graduate Landscape Architectural | 2    |
| Architect              | 204  |
| Interior Designers     | 33   |
| Engineers              | 123  |
| Planners               | 4    |
| Other Professional     | 61   |
| Technical              | 60   |
| Administrative         | 81   |
| Total                  | 572  |

**Work %**

| Residential (decks/gardens) | 75   |
| Renewal (neighborhood streetscapes/amenities) | 25   |

| American Swedish Institute, Minneapolis, MN: Hennepin Energy Recovery Center, Minneapolis, MN: Marquette University, College of Engineering, Milwaukee, WI; St. Louis Art Museum, St. Louis, MO; University of Minnesota, Science Teaching/Student Services Building, Minneapolis, MN, Voorhees Health Hospital, Voorhees Township, NY |

---

**HAUCK ASSOCIATES, INC.**

3620 France Avenue South  
St. Louis Park, MN 55416  
Tel: (952) 920-5088  
Fax: (952) 920-2820  
Established 1990  
Contact: Robert P Hauck, (952) 920-5088

**Firm Principal**

Robert P. Hauck, LA

**Firm Personnel by Discipline**

| Landscape Architect | 1         |
| Administrative      | 5         |
| Total               | 6         |

**Work %**

| Residential (decks/gardens) | 75   |
| Renewal (neighborhood streetscapes/amenities) | 25   |

| All "Design/Build" Projects Asian-influenced garden with waterfall/bridge, linked to improved wetland/conservation area, Minnetonka, MN; MN Townhome Community renewal – entrance monuments/new logo, lighting and stronger curb appeal, Arden Hills, MN; Residence "green site work" (wet prairie for run-off absorption/native plant palette/observation area/LED lighting – thermal/sun/wind energy maximized), Sturgeon Lake, MN; Classic Lake of the Isles Landmark Residence (new planting design targeted lighting, masonry features/automatic driveway gates), Minneapolis, MN; Townhome Community (30 individual courtyards for different living styles), Eden, MN; Residence (custome-designed concrete swimming pool with integral whirlpool/waterfall, Multi-level Trex deck/lighting/gazebo), Orono, MN |

---

March/April 2009 ARCHITECTURE MINNESOTA 65
HOISINGTON KOEGLER GROUP INC.
123 North Third Street, Suite 100
Minneapolis, MN 55401
Tel: (612) 338-0800
Fax: (612) 338-6838
Email: mkoegler@hkgi.com
www.hkgi.com
Established 1982
Contact: Mark Koegler. (612) 252-7120

Firm Principals/Contacts
Mark Koegler, ASLA
Bruce Chamberlain, ASLA
Greg Ingram, ASLA, AICP
Paul Paige, LA
Brad Schell, LA, AICP

Firm Personnel by Discipline
Landscape Architects 11
Other Professional 4
Administrative 2
Total 17

Work %
Site planning/development 25
Environmental studies (EIS) 10
Parks/open spaces 10
Urban design/streetscapes 10
Master/comprehensive planning 20
Multi-family housing/PUDs 5
Redevelopment planning 5

Penn Avenue Corridor Master Plan, Richfield, MN; Minnehaha-Hiawatha Strategic Development Framework, Hennepin County, MN; Elk River 171st Avenue Focused Area Study, Elk River, MN; Red Wing Comprehensive Plan, Red Wing, MN; Central Corridor Bike Walk Action Plan, St. Paul, MN; Bassett Creek Valley Redevelopment, Ryan Companies, Minneapolis, MN

KEENAN & SVEIVEN, INC.
1511 Minnetonka Boulevard
Minnetonka, MN 55345
Tel: (952) 475-1229
Fax: (952) 475-1667
Email: kevin@kslandarch.com
www.kslandarch.com
Established 1990
Contact: Kevin Keenan. (952) 475-1229

Firm Principals/Contacts
Kevin Keenan, ASLA
Todd Irvine, LA
John Johnson, LA
Jeff Fuehner, LA

Firm Personnel by Discipline
Landscape Architects 4
Other Professional 2
Technical 5
Administrative 1
Total 12

Work %
Residential (decks/gardens) 90
Urban design/streetscapes 10

Leatherdale Residence, Medina, MN; Grothe Residence, St. Paul, MN; Anderson Residence, Medina, MN; Wells Residence, Orono, MN

THE KESTREL DESIGN GROUP, INC.
7101 Ohms Lane
Minneapolis, MN 55439-2142
Tel: (952) 928-9600
Fax: (952) 224-5860
Email: tkdg@tkdg.net
www.kestreldesigngroup.com
Established 1990
Contact: Elizabeth Ryan. (952) 928-9600

Firm Principal
Peter MacDonagh, ASLA

Firm Personnel by Discipline
Landscape Architects 6
Engineer 1
Administrative 3
Total 10

Work %
Silva Cell technology 20
Stormwater design 20
Green roofs 20
Master/comprehensive planning 20
Sustainable design & LEED 20

Minneapolis Central Library Green Roof, MN; Bell Museum of Natural History Sustainable Site Design, Minneapolis, MN; Minneapolis Chain of Lakes Water Quality Improvements, MN; Minnesota Bears of USSuri; Northern Scott County Natural Resources Inventory, MN; Minnehaha Creek Restoration, Minneapolis, MN

LANDFORM
800C Butler Square
100 North 6th Street
Minneapolis, MN 55403
Tel: (612) 252-9070
Fax: (612) 252-9077
Email: diazan@landform.net
www.landform.net
Established 1994
Contact: Darren Lazan, ASLA, (612) 252-9070

Firm Principals/Contacts
Darren B. Lazan, ASLA
Kendra Lindahl, AICP
Benjamin Sporer, ASLA, LEED AP
Daniel Hughes, PE
Christine Moss, PE, CPESC

Firm Personnel by Discipline
Landscape Architects 3
Intern (landscape) 1
Intern (architectural) 1
Other Professional 4
Technical 5
Administrative 6.5
Total 20.5

Work %
Residential (decks/gardens) 15
Site planning/development 35
Environmental studies (EIS) 5
Parks/open spaces 5
Urban design/streetscapes 5
Master/comprehensive planning 25
Multi-family housing/PUDs 5
Water resources 5

Independence Master Planning, Civil Engineering/Permit Facilitation, Blaine County, ID; Methodist Hospital heart and Vascular Center, St. Louis Park, MN; Park Nicollet Frauenshuh Cancer Center, St. Louis Park, MN; Heritage Square at Legacy Village Master Plan, Maplewood, MN; Chipotle Mexican Grill (seeking LEED certification) at Gunnei Mills, Gunnei, IL; Power Plant Building/Site Improvements, Hutchinson, MN; Dunlop Property Park Master Plan, Oak Grove, MN

LHB, INC.
21 West Superior Street, Suite 500
Duluth, MN 55802
Tel: (218) 727-8446
Fax: (218) 727-8456
Email: info@lhbcorp.com
www.lhbcorp.com
Established 1966
Other MN Office: Minneapolis
Contact: Michael Schroeder. (612) 338-2028

Firm Principals/Contacts
Michael Schroeder, ASLA
Mark S. Anderson, ASLA
Jason Aune, ASLA
Carlos (CJ) Fernandez, ASLA
Rick Carter, AIA, LEED AP
Michael Fischer, AIA, LEED AP

Firm Personnel by Discipline
Landscape Architects 7
Other Professional 92
Technical 54
Administrative 27
Total 180

Work %
Residential (decks/gardens) 5
Site planning/development 20
Parks/open spaces 10
Urban design/streetscapes 25
Master/comprehensive planning 20
Multi-family housing/PUDs 20
All of the above 100% Sustainable Design

Neighborhood Revitalization Planning, Duluth, MN; Wayzata Bay Center Redevelopment, Wayzata, MN; Cascade Meadows Wetlands and Science Center, Rochester, MN; Douglas Drive Corridor Study, Golden Valley, MN; Victory Memorial Drive, Minneapolis, MN; US Fish and Wildlife Service Necedah Refuge Visitor Center, Necedah, WI
### MCCOMBS FRANK ROOS ASSOCIATES, INC.

14800 28TH Avenue North  
Plymouth, MN 55447  
Tel: (763) 476-6010  
Fax: (763) 476-8532  
Email: tgoodrum@mfra.com  
www.mfra.com

### OLSSON ASSOCIATES

6600 France Avenue South, Suite 230  
Edina, MN 55435  
Tel: (952) 941-0477  
Fax: (952) 941-0644  
Email: banderson@oaconsulting.com  
www.oaconsulting.com  
Established 1995  
Contact: Brandon Anderson, (952) 941-0477

### RLK INCORPORATED

6110 Blue Circle Drive, Suite 100  
Minnetonka, MN 55343  
Tel: (952) 933-0972  
Fax: (952) 933-1153  
Email: jdietrich@rlkinc.com  
www.rlkinc.com  
Established 1991  
Other MN Offices: Duluth, Hibbing, Oakdale  
Contact: John Dietrich, (952) 933-0972

### SANDERS WACKER BERGLY, INC.

365 East Kellogg Boulevard  
St. Paul, MN 55101-1411  
Tel: (651) 221-0401  
Fax: (651) 297-6817  
Email: wsanders@swbinc.com  
www.swbinc.com  
Established 1979  
Other Office: Rice Lake, WI  
Contact: William Sanders, FASLA  
(651) 221-0401

### Firm Principals/Contacts

Tom Goodrum  
Mike Cair, ASLA  
Kevin Teppen, ASLA  
Jim Kalles, ASLA

### Firm Personnel/By Discipline

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Landscape Architects</th>
<th>Interns (landscape)</th>
<th>Other Professional</th>
<th>Technical</th>
<th>Administrative</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3</td>
<td>2</td>
<td>31</td>
<td>10</td>
<td>6</td>
<td>52</td>
</tr>
</tbody>
</table>

### Work

- **Site planning/development studies**: 20
- **Environmental studies (EIS)**: 5
- **Parks/open spaces**: 10
- **Urban design/streetscapes**: 5
- **Recreation areas (golf, ski, etc.)**: 5
- **Master/comprehensive planning**: 10
- **Multi-family housing/PUDS**: 15

### Projects

- **Garden Park Trail Improvements, Edina**: 20
- **46th Hiawatha Transit-oriented Design Strategy Study, Minneapolis**: 10
- **Minneapolis, MN: Holiday Inn Renovation, Bloomington**: 10
- **Regions Hospital Expansion, St. Paul**: 10
- **Lifetime Fitness, Centennial, CO**: 10
- **Prasada Gateway Village, Surprise, AZ**: 10
- **West End, St. Louis Park, MN**: 10
- **Applewood Senior Housing, Golden Valley, MN**: 10
- **BMW of Minnetonka, Minnetonka, MN**: 10
- **Walmart, Midwestern Regional, Columbus Park, Columbus, MN**: 10
- **Astra Village, Brooklyn Park, MN**: 10

### Contact:

Brandon Anderson, PE  
Dave Ciaccio, LA  
Thomas Bentley  
Jack Lynch, LA
<table>
<thead>
<tr>
<th>Firm Principal</th>
<th>Contact:</th>
<th>Established</th>
<th>Other Offices</th>
<th>Contact:</th>
<th>Established</th>
<th>Other Offices</th>
<th>Contact:</th>
<th>Established</th>
<th>Other Offices</th>
<th>Contact:</th>
<th>Established</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luke Sydow, LA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Matthew S. Daley, LA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Firm Personnel by Discipline**

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Residential</th>
<th>Other</th>
<th>Total</th>
<th>Work %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Landscape Architects</td>
<td>2</td>
<td></td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Intern (landscape)</td>
<td>1</td>
<td></td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Other Professional</td>
<td>1</td>
<td></td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Administrative</td>
<td>1</td>
<td></td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
</tbody>
</table>

**Work %**

- Residential (decks/gardens): 10%
- Site planning/development: 30%
- Parks/open spaces: 25%
- Urban design/streetscape: 10%
- Recreation areas (golf, ski, etc.): 5%
- Master/comprehensive planning: 10%
- Multi-family housing/PUOS: 10%
- Lowell School Improvements, Duluth, MN; Burning Tree Plaza C-5 Improvements, Duluth, MN; Edgewater (Phase II); Neighborhood, Duluth, MN; Two Harbors Information Center, Two Harbors, MN; Shops at Village Creek, Brooklyn Park, MN; Bad River Elder Center, Odana, WI.

**Firm Personnel by Discipline**

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Landscape Architects</th>
<th>Interns</th>
<th>Other Professional</th>
<th>Administrative</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Landscape Architects</td>
<td>4</td>
<td>7</td>
<td>435</td>
<td>86</td>
<td>674</td>
</tr>
<tr>
<td>Interns</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Professional</td>
<td>435</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Administrative</td>
<td>86</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>674</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Work %**

- Site planning/development: 10%
- Parks/open spaces: 20%
- Urban design/streetscape: 20%
- Master/comprehensive planning: 20%
- Public- and Private-sector planting design: 20%
- Land development codes/zoning: 10%
- Marquette and 2nd Avenue Transit Corridor Streetscape, Minneapolis, MN; River's Edge Community Park Design and Implementation, Waite Park, MN; Smart Growth Zoning Ordinance, Mason City, IA; Heartwood Resort and Conference Center, Danbury, WI; Downtown Park, Valparaiso, IN; 100 Washington Avenue, Reflecting Pool Renovation, Minneapolis, MN.

**Firm Personnel by Discipline**

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Landscape Architects</th>
<th>Interns</th>
<th>Other Professional</th>
<th>Administrative</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Landscape Architects</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>Interns</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Other Professional</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Administrative</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5</td>
</tr>
</tbody>
</table>

**Work %**

- Residential (decks/gardens): 10%
- Site planning/development: 30%
- Parks/open spaces: 25%
- Urban design/streetscape: 10%
- Recreation areas (golf, ski, etc.): 5%
- Master/comprehensive planning: 10%
- Site planning/development: 10%
- Parks/open spaces: 20%
- Urban design/streetscape: 25%
- Recreation (golf, ski, etc.): 5%
- Master/comprehensive planning: 10%
- Transit planning/development: 10%
- University of Minnesota Landscape Arboretum Visitor Center, Chanhassen, MN; Excelsior Boulevard Streetscape, St. Louis Park, MN; St. Cloud Hospital, St. Cloud, MN; Silverwood Regional Park of the Three Rivers Park District, St. Anthony, MN; Minnesota Twins Ballpark Streetscape, Minneapolis, MN; MVTA Apple Valley Transit Station, Apple Valley, MN.
TKDA

444 Cedar Street, Suite 1500
St. Paul, MN 55101
Tel: (651) 292-4400
Fax: (651) 292-0083
Email: richard.gray@tkda.com
www.tkda.com
Established 1910
Other MN Office: Grand Rapids
Other Offices: Chicago, Irvine (CA), Kansas City (KS), Tampa
Contact: Richard L. Gray, (651) 292-4420

Firm Principals/Contacts
Richard L. Gray, ASLA, LEED AP
Sherri A. Buss, LA
Jeffrey J. Zeitler, LA, LEED AP
Dean A. Johnson, AIA

Firm Personnel by Discipline
Landscape Architects 3
Architects 8
Other Professional 19
Technical 66
Planners 4
Engineers 94
Administrative 16
Total 211

Work %
Site planning/dev. studies 20
Parks/open spaces 20
Urban design/streetscapes 20
Master/comprehensive planning 20
Athletic fields/tracks 20

TREELINE

4348 Nokomis Avenue
Minneapolis, MN 55406
Tel: (612) 968-9298
Fax: (651) 859-7593
Email: adam@treeline.biz
www.treeline.biz
Established 2005
Contact: Adam Arvidson, (612) 968-9298

Firm Principal
Adam Rehn Arvidson, ASLA

Firm Personnel by Discipline
Landscape Architect 1

Work %
Residential (decks/gardens) 20
Site planningdevelopment studies 10
Parks/open spaces 10
Recreation areas (golf, ski, etc.) 10
Master/comprehensive planning 10
Multi-family housing/PUDS 10
Freelance writing/writing for hire 30

Voyageurs Retreat, Biwabik, MN; Eco-affordable Infill Housing Development, Morris, MN; Willmar Design Center, Willmar, MN; Greenstone Creek Interpretive Trail, Biwabik, MN; Rum River Valley Residence, Ramsey, MN; Sand Plain Estate, Sauk Rapids, MN

DAVID TUPPER AND ASSOCIATES

15612 Highway 7, Suite 300
Minnetonka, MN 55345
Tel: (952) 474-2793
Fax: (952) 474-2794
Email: dt@dttupper.com
www.dttupper.com
Established 2000

Firm Principals/Contacts
David Tupper, ASLA
Eva Johnson

Firm Personnel by Discipline
Landscape Architects 1
Other Professional 1
Technical 1
Administrative 1
Total 4

Work %
Residential (decks/gardens) 65
Urban design/streetscapes 5
Master/comprehensive planning 10
Multi-family housing/PUDS 10
Retail development 10

Windsor Plaza Office/Retail, Eden Prairie, MN; Cabela's, Kansas City, MO; Park Place Apartments Clubhouse/Pool, Plymouth, MN; Palmer Point Site Amenities/Beachhouse, Minnetrista, MN; Akradi Residence, Minnetrista, MN; Cage Residence, Medina, MN

WESTWOOD PROFESSIONAL SERVICES

7699 Anagram Drive
Eden Prairie, MN 55344
Tel: (952) 937-5150
Fax: (952) 397-5822
Email: wps@westwoodps.com
www.westwoodps.com
Established 1972
Other MN Offices: St. Cloud, Brainerd
Other Offices: Rapid City, Overland Park (KS)
Contact: Cory Meyer, (952) 937-5150

Firm Principals/Contacts
Miles Lindberg, ASLA
Cory Meyer, ASLA
Daren Laberee, ASLA
Paul Schroeder, ASLA
Jon Liodolt, ASLA
Chad Feigum, ASLA

Firm Personnel by Discipline
Landscape Architects 6
Other Professional 127
Technical 29
Administrative 10
Total 152

Work %
Site planning/dev. studies 25
Environmental studies (EIS) 10
Parks/open spaces 10
Urban design/streetscapes 10
Master/comprehensive planning 10
Multi-family housing/PUDS 10
Wind, pipeline/transmission/senior housing 5

Presbyterian Homes Mixed-use, Eden Prairie, MN; SuperValu Corporate Headquarters Conference Center, Eden Prairie, MN; Dinydome/Sydney Hall Student Housing, Minneapolis, MN; Shoppes at Fox River, Waukesha, WI; Cedarcrest Academy, Dayton, MN; Visitation School, Mendota Heights, MN

YAGGY COLBY ASSOCIATES

717 Third Avenue SE
Rochester, MN 55904
Tel: (507) 288-6464
Fax: (507) 288-5058
Email: info@yaggy.com
Web: www.yaggy.com
Established 1970
Other Offices: Delafield, WI; Mason City, IA
Contact: Mark Root, ASLA, (507) 288-6464

Firm Principals/Contacts
Scott Samuelson, PE
Mike Court, PE
Jose Rivas, AIA
Chris Colby, AIA
Bob Ellis
Terry McCarthy

Firm Personnel by Discipline
Landscape Architects 10
Other Professional 58
Technical 59
Administrative 23
Total 150

Work %
Site planning/dev. studies 40
Environmental studies (EIS) 10
Parks/open spaces 10
Urban design/streetscapes 15
Master/comprehensive planning 20
Multi-family housing/PUDS 5

2nd Street Transit/Streetscape Design, City of Rochester, MN; Piece Plaza, City of Rochester, MN; French Island Welcome Center, La Crosse, WI; Spring Creek Commons Neighborhood, Northfield, MN; “Green” Alley, Wabasha, MN; First Presbyterian Church Columbarium, Rochester, MN
It takes a village to design, engineer, and construct a great building. So let's give credit where credit is due.

B'nai Israel Synagogue

page 24

Location: Rochester, Minnesota
Client: B'nai Israel Synagogue
Architect: HGA Architects and Engineers (HGA)
Principal-in-charge: Daniel Avchen, FAIA
Project lead designer: Joan Soranno, AIA
Project manager: John Cook, AIA
Project architect: John Cook, AIA
Project team:
- Nicholas Potts, Assoc. AIA
- Matthew Krellich, AIA
- Graphics: HGA
- Structural engineer: HGA
- Mechanical engineer: HGA
- Electrical engineer: HGA
- Civil engineer: HGA
- Lighting designer: HGA
- Interior design: HGA
- General contractor: Alvin E. Benike
- Landscape architect: HGA
- Face brick: Belden/Rochester Brick
- Cabinetwork: Wilkie Sanderson
- Flooring systems/materials: Durkan/Hillers Flooring
- Window systems: Kawneer/Ford Metro
- Concrete work: Alvin E. Benike
- Millwork: Wilkie Sanderson
- Seating: Sauder Worship Furnishings
- Eternal light: Dick Huss (artist), Winnora Lighting
- Ark doors: Grazzini Brothers
- Ark wall: Star Exhibits, Inc.
- Photographer: Michael Moran

Hawks Boots Manufacturing Facility

page 28

Location: Duluth, Minnesota
Client: Hawks Boots, LLC (Loll Designs and Epicurean Cutting Surfaces)
Architect: Salmela Architect

Principal-in-charge:
- David Salmela, FAIA

Project architect: Carly Coulson, AIA
Structural engineer: Jim Berry
Environmental engineer: Barr Engineering Company
Mechanical engineer:
- Stout Mechanical, Inc.
- Electrical engineer: AFI Electric Company
General contractor:
- Johnson Wilson Constructors
Millwork: Hawks Boots
Siding: Hawks Boots
Window systems: H-Windows
Photographer: Peter Bastianelli-Kerze

Gladstone Community Center and Natatorium

page 34

Location: Gladstone, Missouri
Clients: City of Gladstone and North Kansas City School District
Design architect:
- Ankeny Kell Architects
Principal-in-charge:
- Mark Wentzell, AIA
Project lead designer:
- Mark Wentzell, AIA
Project manager:
- Steve Wohlfeld, AIA
Project architect:
- Shilo Phillips
Architect of record:
- Gould Evans Associates
- Gould Evans Associates principal-in-charge: Dennis Strait
Gould Evans Associates project manager: Dan Zeller
Energy modeling:
- Henderson Engineering
Structural engineer:
- Bob D. Campbell and Associates
Mechanical engineer:
- Henderson Engineers
Electrical engineer:
- Henderson Engineers
Civil engineer:
- SK Design
Interior design:
- Gould Evans Associates
Construction manager:
- McCown Gordon Construction
Landscape architect:
- Gould Evans Associates
Landscape project team: Cole Welch
Aquatic design:
- Water's Edge Aquatic Design
Sitework:
- RL Duncan Construction
Concrete: Intec Construction
Precast: Coreslab
Pool construction:
- Vanum Construction
Masonry: Trio Masonry
Steel: Kansas City Structural Steel
Roofing: Sellers & Marquis Roofing
Metalwork: AZMG
Glass: AGP Glass & Glazing
Gym floors: ACME Flooring
Gymnasium equipment:
- Athco
Mechanical/plumbing:
- Saladino Plumbing & Heating
Electrical:
- Westhues Electric
Photographer: Mike Sinclair

St. Cloud Technical College & Workforce Center Addition and Renovation

page 40

Location: St. Cloud, Minnesota
Client: Minnesota State Colleges & Universities (MNSCU) System
Architect: Perkins+Will
Design principal: David Dimond, AIA
Senior designer: Paul Neuhaus, AIA
Project manager: Larry Page, AIA
Project team:
- Trevor Dickie; Tony Layne, Assoc. AIA; Todd Lenth; Dave Koenen; Doug Pierce, AIA; Cory Rettek; Jeff Ziebarth, AIA; Phil Zittel
Energy modeling:
- The Weidt Group / Xcel Energy's Energy Design Assistance Program
Structural engineer:
- BKBM Engineers
Mechanical engineer:
- Michaud Cooley Erickson
Electrical engineer:
- Michaud Cooley Erickson
Civil engineer:
- BKBM Engineers
Lighting designer:
- LightSpaces @ Michaud Cooley Erickson
Interior design: Perkins+Will

The Blessed Sacrament Chapel

page 38

Location: Collegeville, Minnesota
Client: St. John's Abbey
Architect: VJAA
Project team:
- Vincent James, FAIA (principal);
- Jennifer Yoos, AIA (principal);
- Nathan Knutsen, AIA (managing principal);
- James Moore, AIA (project architect);
- Mary Springer, AIA;
- Carl Gauley; Laura Renke; Dzenita Hadziomerovic; Paul Yaggie; Jay Lane;
- Scott Aspenson; Thomas Clark
Structural engineer:
- Ron LaMere, BKBM Engineers
Mechanical engineer:
- Engineering Design Initiative Ltd.
Electrical engineer:
- Jay Hruby, Engineering Design Initiative Ltd.
Civil engineer:
- BKBM Engineers
General contractor and finish carpentry:
- St. Paul Fabricating and Decorating Company
Interior design:
- VJAA
Concrete cutting:
- Advanced Concrete Cutting
Mosaic tile:
- Twin Cities Tile
Tabernacle fabrication:
- St. Paul Fabricating
Lighting installation:
- Cold Spring Electrical
Photographer: Paul Crosby
General contractor: Donlar Construction Company
Owner’s representative: Beth Closner, Construction Consulting Partners, Inc.
Landscape architect: Close Landscape Architecture+
Landscape project team: Jean Gaborini
Concrete masonry: Arriscraft (concrete veneer block); American Arystone (concrete-block site walls and structural columns, custom perforated block)
Flooring systems/materials: K. Johnson (Integral Color Polished Concrete)
Wood flooring: St. John’s Abbey (installation by Anderson Ladd)
Cabinetwork: Supplied by Wilkie Sanderson, installed by Donlar Construction Company
Cabinet: Superior Tile & Terrazzo, Inc.
Terrazzo: Advance Terrazzo & Tile Company, Inc.
Resilient and carpet: Multiple Concepts Interiors
Window systems: W.L. Hall Company
Architectural metal panels: Sentra-Sota Sheet Metal
Concrete work: Donlar Construction Company
Millwork: Donlar Construction Company
Photographers: Peter Bastianelli-Kerze; Lucie Marusin, Perkins+Will

**St. John’s Abbey Guesthouse**

**page 44**

Location: Collegeville, Minnesota
Client: St. John’s Abbey
Architect: VJAA

Project team: Vincent James, FAIA (principal); Jennifer Yoo, AIA (principal); Nathan Knutson, AIA (managing principal); Paul Yaggie, AIA (senior project architect); Karen Lu (project manager); James Moore, AIA (co-project architect); Dzenita Hadzomerovic; Carl Gauley; Lev Berenzon; Jay Lane; Andrew Dull; Donovan Nelson; Jennifer Pedtke
Structural engineer: BKBM Engineers
Mechanical engineer: Engineering Design Initiative Ltd.
Electrical engineer: Engineering Design Initiative Ltd.
Civil engineer: BKBM Engineers
Construction manager: Knutson Construction Services
Landscape architect: oslund.and.assoc.
Landscape project team: Thomas Oslund (principal); Joe Favour
Interior design: VJAA

**PIE/CONE**

**page 45**

Location: Minnesota Landscape Arboretum, Chaska, Minnesota
Client: Minnesota Landscape Arboretum
Architect: SALA Architects, Inc.
Principal-in-charge: David O’Brien Wagner, AIA
Project lead designer: David O’Brien Wagner, AIA
Structural engineer: Christian Soltermann, McConkey Johnson Soltermann, Inc.
Stone: Mesabi Black Granite
Tamarack wood cribbing; Rajala Timber
FSC-certified lumber; Shaw/Stewart Lumber
MDO: Extra
Photographer: Peter Bastianelli-Kerze

**Corrections**

The photograph of AIA Minnesota Gold Medalist David Salmela, FAIA, on page 32 of our November/December 2008 issue was not credited. Our apologies to the photographer, Peter Bastianelli-Kerze.

The web listing for Karges-Fauchonbridge, Inc., in the January/February 2009 Directory of Consulting Engineering Firms should have been www.kfengineering.com. Our apologies for the error.
"I recently completed a photographic project studying the Mars-like landscapes resulting from a large-scale suburban development in Maple Grove. It's a portfolio full of images of sand, rocks, dirt, and sky.

This print sums up the feelings of violence, desolation, control, ambiguity, and, dare I say, strange beauty that I encountered while hiking endlessly through this silent terrain."

—Photographer Chuck Avery