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A look back at Ralph Rapson’s Cedar Square West

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Mission Statement

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.
Service Above and Beyond

What first comes to mind when you hear the word pro bono? I must confess that, in early planning for this issue on volunteer design projects, the term conjured for me an overworked but diligent lawyer or architect staying late at work to fulfill an important professional obligation. Was the work rewarding? Of course. But I imagined far more toil than joy.

I couldn’t have been more wrong. It turns out architects view pro bono work as a reprieve from their day-to-day professional responsibilities, as a chance to apply their training to their outside passions and interests. (Not surprisingly, then, pro bono design projects run the gamut, a fact verified by the contents of this issue.) That deserving clients with limited resources benefit from good design is icing on the cake.

A cultural interest and a family connection, for example, drew David Salmela, FAIA, to a Nordic ski center project (page 27) in northern Minnesota. Asked by organizers of an annual cross-country ski event for design ideas for a simple structure, Salmela answered with a cardboard model of a far more sophisticated building, and his enthusiasm set the wheels in motion for a more ambitious building campaign.

Volunteer projects also offer young architects and designers a chance to flex their design muscle. Matt Kreilich, Assoc. AIA, and Melisa Pezuk, Assoc. AIA, leapt at the opportunity to redesign the lobby of an award-winning local theater (page 30), with elegant results, and younger members of the Minnesota chapter of Architecture for Humanity, a handful of whom grace the cover, took the lead in designing a new village center (page 20) for a Sri Lankan community decimated by the 2004 tsunami.

I don’t normally direct readers to the credits page, but I will on this occasion. The DJR Architecture design team photo on page 70 captures the joy that architects derive from volunteer projects that truly inspire them. The story behind this pleasing portrait can be found on page 36.

This issue also marks the end of an era at Architecture Minnesota. Rubin Cordaro, Design, our graphic design firm for the past quarter century, will be moving on to new challenges in 2006, but their immense contributions to this magazine won’t be forgotten. Bruce Rubin took over the reins with a major redesign of the magazine in the spring of 1981 and never looked back, elevating Architecture Minnesota to the visually engaging and award-winning regional architecture magazine it is today. Bruce, business partner Jim Cordaro, and graphic designer Ruth Christian have been trusted colleagues for as long as anyone here at the AIA Minnesota office can remember. More important, they have been, and remain, dear friends.

Christopher Hudson
hudson@aia-mn.org
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Calendar

Opening January 28

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Closed since 1997, the renovated Getty Villa reopens with a new mission as an educational center and museum dedicated to the study of the arts and cultures of ancient Greece, Rome, and Etruria. Located on the site of the original Getty Museum, the villa now boasts an entry pavilion, a 450-seat outdoor classical theater, galleries, a café, a store, and an auditorium. Opening exhibitions will highlight the villa’s renovation, 19th-century photography of ancient Mediterranean sites, and ancient glassmaking.

February 3–5

AIA Minnesota “Search for Shelter” Charrette
Rapson Hall, University of Minnesota–Twin Cities
612-338-6763
www.aia-mn.org

Over the course of one weekend, this charrette pairs volunteer architects, other design professionals, and students with real building projects submitted by Minnesota nonprofit housing organizations. The event begins with project introductions on Friday evening, followed by team meetings; Saturday includes site visits and a fast-paced design session. The public is invited to attend the concluding program at noon on Sunday when final design solutions are presented.

Opening February 12

On Site: New Architecture in Spain

The Museum of Modern Art
New York, New York
212-708-9400
www.moma.org

This exhibition documents the most recent architectural developments in a country that has become known in recent years as an international center for design innovation and excellence. Featuring 36 projects under construction in 2006 and another 14 recently completed, the exhibit reflects the geographic and generational diversity of the current wave of new projects and their architects, and includes a wide range of scales—from a single private house to a new international airport.

Through March 26

Some Assembly Required: Contemporary Prefabricated Houses

Walker Art Center
Minneapolis, Minnesota
www.walkerart.org

This exhibit presents many types and styles of prefabricated homes—from houses that owners can build from a kit of parts to those that arrive fully assembled. Challenging preconceptions of prefab as cheap and of low quality, the exhibition features a variety of modern modular dwellings in a range of materials, processes, and scales.

INSIDER LINGO By Gina Grensing

Pro Bono

Fans of Sonny Bono, the late entertainer and mayor of Palm Springs (1988–1992), are certainly “Pro Bono,” as are followers of the rock band U2 and its leather-attired frontman Bono, whose name is pronounced differently. But the real definition of pro bono is: Free. No charge. On the house. More specifically, the term denotes professional work undertaken in a volunteer capacity. Pro bono, which entered the English language in 1726, is derived from the Latin pro bono publico (“for the public good”). Thus, pro bono work usually aids social, environmental, educational, and otherwise charitable causes. Such philanthropy may not pay the bills, but the results often have grateful recipients dancing with joy—perhaps to a U2 song.

Architecture Minnesota Wins Three Awards

Architecture Minnesota continued its award-winning tradition in November when it received three Publishing Excellence Awards from the Minnesota Magazine & Publications Association (MMPA). In the category of Professional/Association publications with circulation under 30,000, Architecture Minnesota received the following honors:

• Silver Award for Best Overall Design, for “Captivating Public Spaces” (January–February 2005), “Honor Awards” (March–April 2005), and “Modern Living” (May–June 2005)
• Silver Award for Best Feature Article, for “Design in Transit” (January–February 2005)
• Bronze Award for Best Directory, for Directory of AIA Minnesota Firms/Index of Firms by Building Type/Consultants Directory (May–June 2005)

“We’re thrilled with these honors. AIA Minnesota architects are designing innovative, award-winning buildings, so it’s our goal to present their work in an award-winning way,” says Architecture Minnesota editor Christopher Hudson.

The MMPA Publishing Excellence Awards were established in 1997 to recognize and encourage outstanding publishing achievements in the areas of editorial, design, and overall excellence. The judges are volunteers from the industry selected for their expertise.
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The AIA Minnesota Honor Awards program recognizes architectural excellence by honoring the clients and architects who make great buildings possible. During the 2005 AIA Minnesota Annual Convention and Exhibition, held in November, the jury gathered to review 122 submissions to the competition and bestowed 12 Honor Awards and one Divine Detail Award. The jurors were Kirk V. Blunck, FAIA, principal-in-charge, Herbert Lewis Kruse Blunck, Des Moines, Iowa; Lawrence Scarpa, AIA, principal, Pugh + Scarpa, Santa Monica, California; Karen Van Lengen, AIA, dean of the School of Architecture, University of Virginia, Charlottesville, Virginia.

Watch for coverage of the award winners in the March-April and May-June issues.

**Honor Awards**

**Andover YMCA Community Center**
Andover, Michigan
Rozeboom Miller Architects, Inc.
Minneapolis, Minnesota

**Chicago Apartment**
Chicago, Illinois
VJAA
Minneapolis, Minnesota

**Denton Public Library, North Branch**
Denton, Texas
Meyer, Scherer & Rockcastle, Ltd.
Minneapolis, Minnesota

**The Minnetonka Center for the Arts**
Minnetonka, Minnesota
James Dayton Design Ltd.
Minneapolis, Minnesota

**Dittmann Center for Art & Dance, St. Olaf College**
Northfield, Minnesota
Hammel, Green and Abrahamson, Inc.
Minneapolis, Minnesota

**Horizon Middle School**
Moorhead, Minnesota
Rozeboom Miller Architects, Inc.
Minneapolis, Minnesota

**Storage Barns**
Albertsson Hansen Architecture, Ltd.
Minneapolis, Minnesota

**Wild Rice Restaurant**
Bayfield, Wisconsin
Salmela Architect
Duluth, Minnesota

**Windsong Farm Golf Club House**
Independence, Minnesota
YA Architecture
Minneapolis, Minnesota

**Kingdom Centre**
Riyadh, Saudi Arabia
Ellerbe Becket
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2005 Minnesota Preservation Awards

The Preservation Alliance of Minnesota, a non-profit organization dedicated to preserving, protecting, and promoting Minnesota's historic resources, has recognized 13 projects and individuals as recipients of its 21st annual Minnesota Preservation Awards. The program honors small- and large-scale preservation efforts across the state, from building reuse and restoration to community stewardship and advocacy. For more information on the winners, visit www.mnpreservation.org.

The 2005 honorees are:

**RESTORATION AWARDS**
- Cogel/Betcher and Phelps Blocks, Red Wing
- Commercial Printing Office, Montevideo
- LeDuc Historic Estate, Hastings
- MacDonald and Mack Architects, Minneapolis
- Dietrich Omeyer Home Porch Restoration, St. Paul
- The Riley-Jacques Barn Rehabilitation, Eden Prairie
- Miller Dunwiddie Architects, Minneapolis
- Thompson Summer Cottage, Minnetonka Beach
- University of Minnesota, Southeast Steam Plant, Minneapolis
- Miller Dunwiddie Architects, Minneapolis

**ADAPTIVE REUSE AWARDS**
- Hunstiger Building, St. Cloud
- GLTArchitects, St. Cloud
- Red Wing Iron Works, Red Wing

**ADDITION/EXPANSION AWARD**
- Sunner Community Library, Minneapolis
- KKE Architects, Minneapolis

**COMMUNITY EFFORT AWARD**
- Friends of Henderson Heritage Preservation, Henderson

**COMMUNITY SERVICE AWARD**
- Fred Moore Middle School Calendar Club, Anoka

**STEWARDSHIP AWARD**
- Thomas Hagen, North Mankato

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Housing the Homeless

BY BETTE HAMMEL

This winter, the University of Minnesota’s College of Architecture and Landscape Architecture (CALA) is grappling with the problem of homelessness. “In Minnesota, homelessness is mostly hidden. In India, it’s out in the open; homes are made on the streets so it’s more accepted,” says CALA research fellow Virajita Singh, a native of Mumbai (Bombay), who, together with CALA dean Thomas Fisher, Assoc. AIA, is teaching a studio course on “Housing the Homeless” this semester. In Minnesota, according to the Department of Human Services, there are 8,000 homeless people on any given night—35 percent of whom are children, 27 percent of whom are women, and 5 percent of whom are youth.

In this studio, students will look at ways to shelter the homeless in three different projects. First, students will design makeshift one-person shelters for living on the street; Singh suggests these could attach to existing infrastructure. The second project will focus on rehabilitating interior spaces at existing homeless shelters, which are open only from 6 p.m. to 7 a.m. Last, students will be asked to design a building with detailed units that use space efficiently. The course will also examine the work of artists and designers such as Krzysztof Wodiczko’s “Homeless Vehicle in New York City,” a shopping cart used as a shelter. Singh adds that personal research including tours of homeless shelters will help familiarize students with what it feels like to live without a home.

Also this winter Singh and Fisher will teach a graduate- and undergraduate-level “Alternatives to Homelessness” seminar that examines what other cities around the world have done to alleviate or eliminate homelessness. Singh says the course will have a particular focus: “What we are trying to do is address policy issues that make life more difficult for homeless people.” Some cities, for example, allow only religious institutions to operate shelters, notes Singh. Seminar students will each be given a city to research, then report back on how that city addressed problematic policy issues on homelessness, whether through circumvention or by adopting new policies.

CALA has received a university grant to prepare a research document on the subject. Graduate students in the seminar will be responsible for writing the introduction and overview for the report. Singh and Fisher, meanwhile, have carried out their own research, touring and volunteering at homeless shelters in the Twin Cities.

This past fall, CALA students in associate professor Mary Guzowski’s “Shelter” seminar were asked to design a prototype ecological dwelling—an “ecoshelter”—for people impacted by natural disasters such as hurricanes and flooding. Students selected one of several sites along the Mississippi River but had to consider the effects of both hot, humid climates and cold northern climates in their designs. The transitional and sustainable shelter had to be portable, adaptable for climate changes, and respond to human needs. After considerable research, the students came up with a variety of unique schemes. This winter, Guzowski will lead a design studio that explores sustainable-design systems and construction in greater depth.
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The Preservation Plan

Volunteer preservation work aids historic-building owners with limited resources while offering young architects a chance to spread their wings

BY ROBERT ROSCOE

Occasionally, deteriorating historic buildings come into the hands of owners with limited budgets but a deep appreciation for historic architectural character. Usually these owners plan to rehab their properties in piece-meal fashion, as finances allow, rather than taking a systematic approach. Unfortunately, as the buildings continue to age, the necessary repairs only become more complicated and expensive.

Two historically important structures in St. Paul—an aging church in the Frogtown neighborhood, near the State Capitol, and a pleasant Victorian house on a semi-secluded hilltop in Mounds Park—have accumulated long lists of needed repairs that have overwhelmed their owners. The Rock of Ages Missionary Baptist Church needs substantial repairs to its brick walls and a structural evaluation of its walls and roof so its parishioners can know if the building is safe for occupancy. Aging mechanical and electrical systems and other building components also need attention, but the congregation, whose numbers have declined in recent years, isn’t able to do a comprehensive renovation in one phase of construction.

On St. Paul’s East Side, the Peter and Mary Giesen House requires an array of exterior and interior refurbishments. The owner has hired repair of cracked brick and decayed mortar joints in the five chimneys and selected wall areas, and new roofing is being installed. These measures will accomplish much of the needed exterior stabilization, but continuing restoration would be greatly aided by a comprehensive approach that guides and prioritizes all future work on the house.

What the parish and the homeowner need is a preservation plan. To initiate a preservation plan, a team of professionals—typically architects, structural engineers, and construction-management experts—first conducts a thorough assessment of the history of the structure and its current condition. Equipped with this information, the team then charts a coordinated rehabilitation process that can be performed in phases in accordance with the building’s physical needs and the owner’s budget.

Preservation plans vary, as every historic building has unique circumstances relating to building type, age, alterations, degree of deterioration, and occupancy history. The plan’s primary objective may be ensuring immediate stabilization or setting up an ongoing maintenance program. Robert Mack, FAIA, of MacDonald & Mack Architects, Minneapolis, says that at the core of most preservation plans is an historic structures report that documents “what’s there.” The report identifies the building’s architectural style, its different configurations over time, its present physical condition, and, most important, the causes of deterioration. Mack notes that the report provides the basis for prescribing methods of rehabilitation. The goal, of course, is restoration. “The evaluation occasionally involves determining the period of the structure’s significance,” says Mack, “which can lead to determining how added components, such as a porch addition in a later architectural style, fit the main building—or perhaps do not. And, if not, what are acceptable mitigating measures?”

If the property has no historic designation and none will be sought, the historic structures report can be more of a summary than a comprehensive study, according to Robert Claybaugh, AIA, whose firm Claybaugh Preservation Architecture has helped devise numerous preservation plans. Nevertheless, notes Claybaugh, the detective work that uncovers how a building was constructed and

Continued on page 50
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Architecture’s Public Health

The case for a publicly funded profession

BY THOMAS FISHER, ASSOC. AIA

Richard Farson, president of the Western Behavioral Sciences Institute in La Jolla, California, and a former public member of the American Institute of Architects’ board of directors, made this rhetorical observation to AIA leaders when he stepped down from the board in 2003:

I sometimes wonder what an American architect would say if approached by the leader of China seeking his or her help for the 800 million ill-housed, struggling Chinese. “Well, the way we believe residential architecture should be practiced is that each home should be custom designed. The architect should be an integral part of the process for each structure, from beginning to end, carefully surveying the site, designing a structure that is particularly suited for that site, working intensively with the client to understand that individual’s special needs, making sure that the contractors are performing and that the project is completed on budget. Normally it takes us about a year or so to finish such a project, and we can undertake perhaps ten a year. We don’t condone selling stock plans. But we could bring a thousand architects to work with you.” The leader would shake his head, concluding that such a program, even if China could afford it, would take 800 years.

Farson ended his talk by calling on architects to become “meta-designers” who are focused less on the design of individual buildings and more on orchestrating contributions from a wide range of other disciplines to help address the problems of the built environment. Even more controversial, he argued that “architecture should be publicly supported in the same way that education and medicine are. Our professional strategies should include making a case for major public funding, to the tune of trillions of dollars over time.” While a publicly funded profession might sound odd to most architects, the idea certainly isn’t a new one: Other fields have taken this path, to great effect.

Consider that the architect-client relationship parallels the doctor-patient relationship in medicine, in which the professional addresses individual needs one at a time. But medicine has also evolved another model—public health—to address the needs of large groups of people. Architects and landscape architects have long had a relationship to public health, from Frederick Law Olmsted serving as head of the U.S. Sanitary Commission during the Civil War, to researchers such as Ann Forsyth, director of the Metropolitan Design Center, investigating the health effects of walkable communities in partnership with the University of Minnesota’s School of Public Health. And widespread health hazards such as lead paint, asbestos, mold, and radon remain of great concern to the architectural profession.

But rarely have architects looked to public health as a model for practice. Most practitioners in our field work in small businesses, as physicians do, rather than in industry and government, as does the public-health community, even though health, safety, and welfare stand as a central justification for our professional licensure. Farson suggested, in his AIA address, that our small-business mentality stems from the heroic individualism sewn into the fabric of American history and culture, and also from what he saw as the “conservative politics of the majority of architects,” which might lead some to avoid careers in the public sector. The real problem, however, lies not in our political ideology but in simple pragmatics: Our profession has not built the institutions and agencies that can help us bring our knowledge to large numbers of people who need our expertise and yet cannot, individually, pay for it.

It took public health a long time to evolve such organizations. Public-health services in the U.S. date back to 1798, when the federal government established the Marine Hospital Service (MHS) to care for American seamen and traders. Nearly a century

Continued on page 50
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Pro Bono Publico

BY BILL BEYER, FAIA

In 1997, floods ravaged the communities of Minnesota’s Red River Valley; in 1998, a tornado did monstrous damage to St. Peter. In the wake of these natural disasters, good citizens from across the state volunteered to help, including many architects. AIA Minnesota worked alongside other organizations to help organize architect-volunteers to meet with individual home and business owners, to assess damages, and to recommend and prioritize action for repair and rebuilding. Today, teams organized by the American Institute of Architects are joining the massive volunteer efforts addressing the damage done to cities by Hurricane Katrina.

The term pro bono publico (“for the public good”) is most often associated with the legal profession. Because the constitutional right to legal counsel in criminal matters can make the difference between liberty and prison, or life and death, lawyers have long embraced a culture of providing services to poor and disadvantaged persons. All state bar associations encourage lawyers to provide time to persons of limited means. Individual lawyers in Minnesota are asked to donate 50 hours annually; the guidelines for other states vary. Valuable legal service can be dispensed by a single attorney on behalf of another individual, and typically does not rely on extensive collaboration with third parties to be implemented or useful.

Advising clients in the areas of design and construction, on the other hand, often involves a more prolonged and integrated process. Architecture, planning, and urban design inevitably require teams of professionals, which can be big and messy. Without the exalted hero-leader role that sells newspapers, large team efforts tend to receive little attention in our hero-worshipping society.

The Minnesota Design Team (MDT), administered by AIA Minnesota, brings volunteers to the task of small-town planning and urban design in communities across the state. Since 1983, the MDT has provided more than 85 Minnesota towns with ideas, encouragement and guidance, implementation strategies, and follow-up. The MDT was patterned on the American Institute of Architects’ R/UDAT (Regional/Urban Design Assistance Team) program, which assembles teams of architects, planners, economic-development specialists, sociologists, and landscape architects for intense and focused four-day charrettes in urban areas across the country. Programs such as these offer opportunities for architects to volunteer their services for public clients who may be unlikely to seek out normal professional consulting services.

Architects can act individually for the public good as well. The AIA Minnesota Volunteer Clearinghouse works with a local management group matching architects with nonprofit clients who have limited resources. A volunteer architect may provide up to 40 hours of design service for space planning, building-code issues, and accessibility compliance. And, of course, many architectural firms have developed their own cultures of giving, providing services to clients with worthy social programs that might not otherwise be realized.

One note of caution: Volunteering to provide assistance after natural disasters can expose design professionals to liability for the advice they give. Good Samaritan laws exist in most states relating to health-care providers and other first-responders at the scene of an emergency. But where natural disasters create emergency conditions requiring ongoing or prolonged assistance by a wide range of volunteers, the laws vary widely. Currently, 15 states have laws shielding architects and engineers acting in this volunteer capacity, and such protection is lacking in two of the three states hit hardest by Katrina. Minnesota’s Good Samaritan and volunteer statutes do not currently cover design professionals.

In Minnesota, architects are licensed, in part, “to promote the public welfare.” Liability notwithstanding, a culture of giving serves that end and helps to make a professional life. 🙏
Wave of Hope

The Minnesota chapter of Architecture for Humanity comes to the aid of tsunami victims in Sri Lanka

BY DOROTHY RAND

Monrovia Estate, a former coconut and cinnamon plantation in Sri Lanka located two and a half miles inland from a southern shore devastated by the 2004 tsunami, is being transformed into a new village for people left homeless by that far-reaching natural disaster. Fishermen and their families who can no longer live next to the sea—their livelihood—are moving into new homes designed by Sri Lanka’s Urban Development Authority (UDA). However, while homes are a top priority in the wake of such a catastrophic event, a village is comprised of more than houses; in the long term, people also need places to gather, learn, grieve, celebrate, access information, and receive medical care. Such are the needs that 17 individuals, half a world away in Minnesota, worked to address last summer in just 24 hours.

The effort was sparked by the Minnesota-Sri Lanka Friendship Foundation (MNSLFF), an organization “dedicated to promoting social, cultural, educational, and economic ties” between Minnesotans and the people of Sri Lanka. The foundation had raised about $460,000 to help fund construction of new homes and a community center, but while the building of houses was progressing, MNSLFF leaders knew that the overwhelmed UDA would not get around to designing a community center for quite some time. Enter the Minnesota chapter of Architecture for Humanity (AFH MN), a volunteer group of architects and design professionals (see list of participants on page 70) that creates architectural solutions to humanitarian crises around
the world. At a meeting of Pan-Asian Tsunami Healing (PATH, a group of nonprofits that includes MNSLFF) and AFH MN representatives, several potential tsunami relief projects were proposed to the designers. It became clear that the MNSLFF project was the most feasible, with funding, land, and government connections to move the project along.

And so, on a hot Friday evening in July 2005, at the offices of the Minneapolis architecture firm SmithGroup, members of the two organizations gathered to kick off a charrette—a focused, fast-paced design session with a short timeline. MNSLFF president Ananda (Lal) Liyanapathiranage and a few of his foundation colleagues presented a video and topographical map of the site and a list of needs for the 4,000-square-foot structure: a library and technology center, a small medical clinic, a playground, and a space serving double duty as a preschool during the day and a community meeting room in the evening. Access to the coast, where the villagers had previously lived, and to the world beyond was a major consideration, as was site accessibility; MNSLFF wanted to ensure that all villagers could use the facility, including those with impaired mobility as a result of injuries incurred by the tsunami. The designers also learned that, in Sri Lanka, entrances face east to greet the sunrise and bathrooms are housed in a separate building.

Thus informed, the designers set to work on Saturday morning. They divided into four groups: heating, cooling, and ventilation; site; space planning; and connections. Each team brainstormed ideas related to its topic for three hours and then presented to the larger group. As each group outlined its initial concepts, water emerged as a theme tying many aspects of the project together. It figured into heating and cooling systems and helped make the connections MNSLFF had hoped for: to the coast; to
To the east entry pavilion

To the immense life-changing waves; to the site of the new village, which has a natural spring; and to Minnesota, the Land of 10,000 Lakes.

Having identified the water theme and other ideas relating to building orientation, natural light, and wind, the teams went back to work to further develop and refine their plans. That evening, after enjoying a Sri Lankan feast, AFH MN presented its designs to MNSLFF board members.

In plan, the two-story community center is a simple rectangle placed on an east-west axis, with a long balcony on the upper floor and a patio below on the north side. The main entrance is at the east end of the second floor. For villagers who can't climb stairs, a large semicircular ramp gracefully winds its way down, on a natural slope, to a north entry pavilion that opens to the lower-level veranda and playground. The second floor houses the library and technology center, which includes reading areas, circulation and reference desks, and computers that will link the new village to the global community. A central staircase brings visitors down to the first-floor classroom, medical clinic, office, kitchen, and storage spaces. In the evenings, when school is not in session, the classroom and veranda can accommodate social gatherings.

The heating and cooling systems are ecologically sensitive by virtue of their simplicity. Utilizing the natural spring on the site, the design
team created a long pool adjacent to the building, on its south side. When winds from the coast pass over the water, they'll cool before entering the building. On warm days, hot air can escape the building through a covered hole in the clay-tile roof—a heat stack with open sides. Ceiling fans will cool the interior rooms, balcony, and porch.

In addition to cooling the building, water will run from the pool under the building, across the patio, past the north entry, and into community gardens for irrigation. “It was important to keep the water moving,” says LHB designer Tu-Anh Bui, Assoc. AIA. “Standing water means mosquitoes”—as Minnesotans well know.

Elsewhere on the site, the designers proposed replanting coconut trees to create a link to the estate’s history. Another landscape design idea called for moonstones—semicircular stone slabs often found at entrances to Buddhist temples that tell a story in pictures. Moonstones at Monrovia Estate could be carved from Minnesota limestone and placed at key intersections on the site. “The foundation wanted to connect the project to Minnesota and the volunteers,” says Cassie Neu, a landscape designer with LHB. “The moonstones were a more subtle and artistic way to do this than was a simple sign.”

The foundation board members were thrilled with the charrette results. Lal says the designers “paid careful attention to every detail, and were very respectful of Sri Lankan culture. We were surprised at how much they were able to accomplish.” And the AFH MN participants came away energized by the experience. “Charrettes are a fun challenge,” Bui enthuses, “because everyone takes on more responsibility, and younger designers can play a bigger role.”

Currently, the project is being refined and approved by the UDA. A few design elements have been changed: the moonstones have been removed, another tsunami relief organization will build a separate medical clinic, and the pool may be altered due to concerns about the danger it poses to small children. Still, though details change, the AFH MN team made a difference. The group hopes to take on more projects in the near future. Unfortunately, with the recent wave of large-scale natural disasters, there seems to be a never-ending need for volunteer design services. “All over the world, there are very poor people who live with so much less than Americans do,” says Jeffrey Swainhart, Allied AIA, AFH MN leader and owner of Swainhart Construction. “We suffer a poverty of spirit if we do not reach out and help those less fortunate.”

Community Center
Hikkaduwa, Sri Lanka
Minnesota chapter of Architecture for Humanity
At first glimpse, Clare Apartments looks like any number of smart new housing projects popping up all over the once-tired, blue-collar neighborhood of St. Anthony East. Clad in warm yellow and reddish-brown brick and featuring generous windows and a crisply detailed neo-traditional cornice line, the building bears all of the hallmarks of the city’s emerging urban-infill style.

Conceived as a “supportive-housing community,” Clare Apartments was built by the local nonprofit group Clare Housing to meet the needs of people living with HIV/AIDS. A mixed-use building of a slightly different stripe, the project consists of three floors of one-bedroom and studio apartments, new administrative offices for Clare Housing, a board and neighborhood meeting room, and resident-support spaces located on the lower level.

Clare Apartments’ programmatic mix and mission reflect a unique and innovative response to the changing needs of those living with HIV/AIDS. Clare Housing’s executive director, Lee Lewis, explains: “When we began in 1994, our focus was providing housing for people at the end of life with adult foster-care facilities. With the advent of protease inhibitors and their life-extending results, we saw a growing demand for permanent and affordable housing that also had on-site support services.”

The challenge for St. Paul–based Cermak Rhoades Architects was to create a building that enabled residents to manage their health through on-site services and connected residents to the community around them. According to lead project manager Michelle Baltus Pribyl, Assoc. AIA, the design and location of the building grew out of discussions with both the neighborhood and the client. “All were concerned that Clare Apartments not be an isolated building. They wanted it to be a part of the neighborhood.”

Responsible for master planning the half-block urban site, Cermak Rhoades located the building along the highly trafficked Central Avenue, where it anchors a street corner and serves as a gateway to the largely residential St. Anthony East neighborhood. In keeping with the ideals of a diverse, integrated community, a second phase of the project—a bank of owner-occupied townhouses developed by the Central Community Housing Trust (CCHT)—is planned for the western edge of the site. The two new buildings, along with the existing adjacent Spring Manor high-rise owned by the Minneapolis Public Housing Authority, will share a central green space featuring rain gardens, a healing garden for Clare Apartments residents, and low-maintenance native plantings. Extra efforts were made to save two mature cottonwoods that dominate the site and provide welcome shade.

Evoking the historic commercial buildings nearby, the base of Clare Apartments is articulated with large areas of storefront glass interspersed with dark-brick piers. Above that, a regular pattern of punched window openings in a solid yellow-brick wall echoes the commercial
Top: At dusk, the vestibule and lobby become a welcoming lantern. The three-story bay window above is rendered minimally, a subtle continuation of the prowlike treatment of the entry. Below: In the community room, the resourceful designers created a humane and interesting setting with institutional vinyl-tile flooring and paint colors.

and warehouse structures along Central Avenue. But for all its deference to its historic urban context, Clare Apartments is a contemporary building as well, with simple massing and minimal detailing. "While we designed the project to fit the neighborhood, and to suit the needs of the residents, it was important to us that the project be a building of its own time," says Baltus Pribyl.

The capacious and welcoming main lobby compares well with its counterparts in many of the posh condominium projects lining the Mississippi riverfront. The lofty split-level entry combines taut white walls and ceilings with black-glazed concrete block. Inside, a reception/security desk and waiting area greet visitors with an easy and humble grace. At dusk, the lobby becomes a beacon to passing cars, illuminated by simple cylindrical pendant lights.

Throughout the building's interiors—living units, hallways, offices, and public spaces—the architects employed workaday materials to great effect. Standard-issue vinyl-tile flooring is laid out in random bands and blocks of complementary colors. Brightly colored walls pop up at strategic locations to enliven otherwise ordinary spaces. The skillful arrangement of simple, durable, and affordable materials is an example of architectural resourcefulness worth emulating.

The result more than satisfies Lee Lewis, who excels at providing social services but had no experience as a developer. "We were blessed with the team we had—the architects and the contractor," he enthuses. "I have no sense of building design or how to build. They helped me think through the issues and the priorities, and the process went smoothly. In the end, we got what we wanted—a building filled with light and color."

Clare Apartments
Minneapolis, Minnesota
Cermak Rhoades Architects
St. Paul, Minnesota

Clare Apartments was not a pro bono design project, but it is without question pro bono publico—"for the public good."
Let It Snow

A premier cross-country ski event held each year in Mora, Minnesota, finally has a place to call home

BY GLENN GORDON

The central Minnesota town of Mora was settled by Swedish immigrants during the great exodus of Scandinavians to the Upper Midwest in the late 19th and early 20th centuries. Mora was named after its sister city, Mora, Sweden, famous as the site of the convergence every year of more than 15,000 skiers from around the world for the classic Nordic cross-country ski competition known as the Vasaloppet.

For the past 25 years, the old country never far from their hearts, the people of Mora, Minnesota, have staged their own Vasaloppet in emulation of the original. The Mora Vasaloppet, run on the second Sunday of February, is one of the premier Nordic ski events in the U.S., each year drawing more than two thousand skiers to compete in races over courses varying in distance from 13 to 58 kilometers.

Until recently, however, Mora was without many of the amenities needed by racers who take their skiing seriously. There was no good place to wax skis, and no place with lockers, saunas, or any place to lounge. Cross-country skis need to be waxed in response to the changing condition of the snow on the trails, and those trails themselves have to be groomed. For years, people had been waxing their skis in a damp little outbuilding belonging to the town's middle school adjacent to the site of the race. The equipment used to groom the courses was stored in the city garage, some distance from the site, and this
Project
equipment wasn’t permitted to roll along the town’s streets because its cleated wheels tear up the road surface. Every year, the machines had to be hoisted aboard trucks, hauled to the ski course for the few days of the event, then hauled back to storage. All this pointed to the need for a Nordic ski center, and this is where architect David Salmela, FAIA, came in.

David’s brother Terry Salmela lives in Mora, where he was the county agent and is an avid skier. Terry suggested to John Holister, one of the Vasaloppet’s organizers, that he ask his brother for some ideas. Holister did, and the architect obliged with a cardboard model of a building far better than what the organizers had bargained for. “We were thinking more along the lines of a prefab pole barn,” says Holister, “but David can be very persuasive.” Salmela proposed a building that would be more at home in the landscape, a kind of villa evoking the rural Sweden to which so many Mora residents trace their roots.

The resulting building, the Mora Vasaloppet Nordic Ski Center, consists of a two-story central element containing a lobby with a lounge on the floor above, and two single-story wings of unequal length: one a room for waxing skis and the other fitted out with lockers, restrooms, saunas, and showers. The windows and their subdivided lights are all square, a signature Salmela design element. Salmela, who took the project on pro bono, produced all the construction drawings
and made frequent visits to the site as the building went up. The ski center was erected by local contractors and with the help of volunteer labor from skiers in and around Mora. No public money was spent on the project; funds for construction were raised at events such as wine and cheese parties. The school district, which donated the land, owns the building, making the ski center tax-exempt, but the Vasaloppet organization operates and maintains the facility.

Salmela aimed for a building fairly traditional in its overall form, but the industrial materials sheathing the exterior are contemporary—a pre-painted standing-seam metal roof and corrugated steel siding in factory standard colors, all right off the shelf. Inescapably, the corrugated red steel siding gives rise to associations with traditional red board-and-batten barn siding: as Salmela says, “I like to borrow some things. I like to introduce others.” In contrast to the tightly manufactured exterior materials, the interior walls and ceilings are paneled with knotty pine donated by one of the Vasaloppet’s prime movers, Robert Lindig. The lumber was sawn from trees that Lindig once planted as seedlings—an element of the building that is truly indigenous to the landscape. A modernist work mediated with a feeling for its setting, a design overlaid with a skein of cultural memory, the ski center shows a genuine respect for the Swedish vernacular, without a hint of kitsch.

Mora Vasaloppet Nordic Ski Center
Mora, Minnesota
Salmela Architect
Duluth, Minnesota
THE OLD MAN WHO READ LOVE STORIES

by Luis Sepulveda

Jeune Lune creates a world of magical realism infused with the sights and sounds of Latin America.
Showcase on a Shoestring

An award-winning theater company in Minneapolis' warehouse district revamps its foyer, with help from extended family

BY CAMILLE LEFEVRE
This spring, after winning a Tony Award—the theater world's most prestigious accolade—the actors and staff of Theatre de la Jeune Lune looked at their lobby and groaned. Over the past 10 years, the long, narrow space "had become a grab bag of old set pieces," says Steve Richardson, producing director. A run-down bar set from The Magic Flute doubled as the lobby refreshment stand. An ad hoc dressing room for a former production, located near the front entrance, had never been dismantled. "It looked like a collection of stuff you'd find in a basement or attic, rather than a carefully thought-out lobby for a world-renowned theater company," Richardson adds.

The Jeune Luners decided they needed a new lobby tout de suite, in time to launch their 2005 fall season. They wanted a "simpler and cleaner-looking" design, Richardson says, and a new cir-
culation pattern that would draw patrons away from the box office at the front entrance and toward the back of the cavernous space. The main challenge? Achieving these goals at very little cost. "It's part of the philosophy of the company that we put all of our money on the stage," Richardson explains.

Fortunately, Jeune Lune's marketing director, Jen Kreilich, is married to Matthew Kreilich, Assoc. AIA, a designer at Hammel, Green and Abrahamson, Minneapolis. Matthew happily took on the pro bono project with his colleague, designer Melisa Pezuk, Assoc. AIA. They began by ridding the 2,700-square-foot space—a former loading dock in the renovated warehouse—of old set pieces and detritus, fully exposing the room's rugged concrete beams, brick walls, terra-cotta-tiled columns, and asphalt floor.

Next, to emphasize the horizontality of the space, Kreilich and Pezuk established a strong linear theme with a series of custom-designed furniture pieces—a new ticketing station, benches, high tables, and a 30-foot-long bar—whose simple, modern designs the Jeune Lune set builders could easily construct. The two selected affordable birch-veneer plywood and mahogany-stained MDF (medium-density fiberboard) panels as the materials, which added warmth to the cool feel of the lobby's shell. To further reduce costs, they reused the existing chairs and legs of the low tables; new birch-veneer tabletops replace the old ones.

The linear arrangement of new furniture, in combination with a line of glass chandeliers terminating at a Jeune Lune logo projected on a shimmering black curtain, lures patrons toward the back of the lobby, thus alleviating congestion at the front. The lobby also features a new graphics board—a piece of drywall masking a door that leads to the stage—on which museum-style letter transfers promote the season, an adhesive strip of photographs encapsulates the theater's history, and a custom-designed box showcases Jeune Lune's prized 2005 Regional Theatre Tony Award.

"It was fun working with such simple construction on such a tight schedule and a limited budget," Kreilich says. "We couldn't get fussy, except maybe with the chandeliers, which add a note of French heritage to the space." Adds Richardson: "The main thing was that Matt was such an incredibly sympathetic listener. He took the constraints seriously, and came up with a great design that accomplished our goals."

Theatre de la Jeune Lune Lobby Renovation
Minneapolis, Minnesota
Matthew Kreilich, Assoc. AIA
Melisa Pezuk, Assoc. AIA
Minneapolis, Minnesota
The United Nations' Millennium Development Goals call for significantly improving the lives of at least 100 million of the world's two billion slum dwellers by 2020, with an emphasis on providing access to safe drinking water and sanitation. Those goals may seem beyond the ability of architects to achieve, but John Gavin Dwyer, AIA, doesn't think so. He and his Minneapolis firm, Shelter Architecture, have designed a self-contained structure able to supply electricity, clean water, and toilet and bathing facilities to the people who need them the most.

Called the "Clean Hub," the 10- by 20-foot unit has a V-shape metal roof that collects rainwater, an adjustable array of 16 photovoltaic panels able to generate up to 2,640 watts of electricity, a reverse-osmosis water system that cleans water stored in a below-ground reservoir, showers and sinks whose grey water gets recycled back to the reservoir, and waterless, self-composting toilets. The building itself has impact-resistant stress-skin walls and secure entry doors, supported by a steel-tube and concrete-pier foundation that can adjust to sloped terrain and poor soil. While the Clean Hub can serve temporary settlements such as refugee camps, its 30-year life makes it most suitable for the many semi-permanent slums around the world that lack basic infrastructure.

Cleverly and compactly designed, the Clean Hub has an equally compelling story behind it. Wanting to get involved with global human settlements, Dwyer studied the work of a num-
ber of other architects. "Most were doing housing," he says, "when the real need was for infrastructure." So he developed a utility box—Clean Hub—that lends itself to mass production and almost any site or climate. After getting input from the Minnesota chapter of Architecture for Humanity (see profile on page 20), Dwyer "sent 70 e-mails to various U.N. offices," he says, "and the one in Nairobi finally got back to me." The Nairobi office helped him connect with potential manufacturers, including General Electric, who worked with Dwyer to develop a business plan for the project. In the end, G.E. expressed an interest in manufacturing the Clean Hub, but not in financing or marketing it.

Dwyer doesn’t seem deterred. "The World Bank spends $15 billion a year on slum upgrades," he notes, "and for only $1 billion, we could build and deliver enough Clean Hubs to meet the U.N.'s Millennium Goal of improving 100 million lives." Shelter Architecture is pursuing several grants to raise the $20,000 to $30,000 needed to build and test a prototype. In the meantime, Dwyer's efforts continue to show what architects can do to make a difference in the world. "At first, the U.N. wondered why I was interested in the subject as an architect," he recalls. "Architects can be proactive at a global level and articulate the value of doing things better."

Clean Hub
Shelter Architecture
Minneapolis, Minnesota

The Clean Hub, shown here on a possible site, has a roof that generates power and collects water, which is stored in an underground tank for the showers and toilets inside.
As Fred Albert recounts in his book Barkitecture (1999), Marie Antoinette had a niche à chien at Versailles, while across the Channel the Earl Bishop of Derry commissioned a pair of canine residences in then-contemporary and ancient styles from architect Sir John Soane. Custom kennels and designer doghouses have dotted the grounds of the White House during the presidencies of Benjamin Harrison, Dwight D. Eisenhower, and Lyndon Johnson. In 1990, when the Cooper-Hewitt National Design Museum exhibited architect-designed doghouses in its garden, author Ralph Caplan made the following observation in the accompanying catalog: “Doghouses are not so much designed for dogs as for the owners of dogs.”

Yet how could the new inhabitants of the doggie domiciles designed by Minneapolis firms UrbanWorks Architecture and DJR Architecture not enjoy their new houses? While the Urban-Works doghouse is insulated to stay toasty warm in winter, the DJR doghouse includes a heavy fabric curtain to ward off the chill. Both roomy structures have clerestory windows to bring in light. Lending credence to Caplan’s insight, both doghouses display the ingenuity, craft, and whimsy we often long for in our own houses, here artfully constructed in miniature.

“The [DJR] doghouse with the trellis fits in with the current residential trend for outdoor living, while the other is really an International Style doghouse,” explains Susan Hanna-Bibus with a chuckle. As executive arts director of the Hopkins Center for the Arts, Hanna-Bibus helped organize the event at which the architect-designed doghouses were raffled off. Proceeds benefited the arts center and its partner, the Greater West Metro Humane Society. “The raffle tickets were evenly divided between the two doghouses,” she adds. “Both had a following in the crowd.”

Titled “Pets and Picasso,” the October 1 event was in part created to help the fine-arts center reach a new public—the architectural...
community—while helping out a fellow non-profit organization. "This event allowed us to go into an area still within the purview of our organization, and meet new people and encounter new ideas," Hanna-Bibus says. While the call for entries asked for pro bono pet-housing designs, both architecture firms designed doghouses.

Djr Architecture began by holding a design charrette in the office, recalls principal Scott England, AIA. A sample skylight panel became a translucent clerestory window. The team constructed the doghouse out of cedar "because of [cedar's] long-term rot resistance, and because it's a beautiful wood," England explains. The doghouse also includes a sunning platform and built-in food and water bowls. "It was a fun experience," England says, "and we saw it as a team-building exercise."

For UrbanWorks, the project was "a way to do something fun and flex our design muscle in ways that didn’t have to pertain to codes," laughs principal David Stahl, Assoc. AIA. The modern doghouse features exterior siding of oak flooring from The Home Depot. The slanted stainless-steel roof tilts up on hinges for easy cleaning of the interior. A white bisecting wall of cement board "represents an abstract version of the chimney or hearth down the center of the structure," Stahl says. Clerestory windows across the front and a vertical bank of windows at the back of the doghouse allow the resident to maintain a vigilant lookout. "I really like how, even to casual passersby, these doghouses were clearly not made from a kit," Stahl enthuses. 

"Pets and Picasso" Doghouses
Djr Architecture
Minneapolis, Minnesota
UrbanWorks Architecture
Minneapolis, Minnesota

Dogs deserve architect-designed homes too: UrbanWorks Architecture's modernist doghouse (above) with steel roof and white bisecting wall conjures images of a toasty warm fireplace, while Djr Architecture conceived a garden-room shelter with trellis (opposite) for its entry in the charitable auction.
Arrested Development
Can Ralph Rapson's progressive vision for America's first "New Town—In Town" be recovered in the beleaguered Cedar Square West?

BY NANCY A. MILLER

In 1962, Gloria and Martin Segal acquired a parcel of land at the corner of 10th and University avenues SE, in Minneapolis, near the University of Minnesota's east bank campus. They were novice investors who purchased the land as a tax shelter, with plans for redevelopment, on the advice of their business associate, Keith Heller. Within a few years, however, that small investment ballooned into an audacious plan to transform the whole of the west bank neighborhood of Cedar-Riverside, from an aging student and counterculture ghetto with a crumbling housing stock into a modern, socially progressive, high-density residential, commercial, and institutional community. Out of that plan emerged Minneapolis' most notorious, controversial, and often misunderstood housing development, Cedar Square West—now called Riverside Plaza. The primary author of that plan was Minnesota's adopted master of modernism, Ralph Rapson, FAIA.
Above: Cedar Square West was the first phase of an ambitious plan to transform the aging and dilapidated Cedar-Riverside neighborhood into a modern, socially progressive, high-density residential, commercial, and institutional community.

Opposite: The 100-acre Cedar-Riverside New Town-In Town plan proposed five high-density residential developments linked to a mixed-use commercial district along Cedar Avenue, called the “Centrum.” Cedar Square West is in the upper left-hand corner of this model of the development proposal.

Rapson arrived in Minneapolis in 1954 to head the University of Minnesota’s School of Architecture, a program that many considered adrift, and to bring progressive modernism to the Upper Midwest. Not only did Rapson redefine architectural education in Minnesota, he reshaped the local architectural landscape with his designs for landmark buildings including the Guthrie Theater, St. Peter Lutheran Church in Edina, and Rarig Hall on the University of Minnesota campus. Following the demolition of the Rapson-designed Pillsbury House on Lake Minnetonka in 1997, and with the lights of the Guthrie Theater about to dim, Cedar Square West will soon stand as Ralph Rapson’s most visible built legacy in Minnesota.

Opportunity Knocks in Cedar-Riverside
The vision for the development that became Cedar Square West emerged when Gloria Segal and Keith Heller consulted Ralph Rapson with their development plans for the land at 10th and University. They envisioned a three-story walk-up apartment building to replace the existing buildings—which had been condemned by the city—and wanted Rapson’s input and design assistance. In the meantime, Segal and Heller continued to make small-scale real estate purchases, concentrating on the Cedar-Riverside neighborhood, across the river.

Cedar-Riverside was in transition in the early 1960s, especially after the University of Minnesota expanded into the area with the construction of its west bank campus. Other resident institutions
In the eager Segal-Heller team and the crumbling Cedar-Riverside neighborhood Ralph Rapson saw an opportunity to build something much grander than a few low-rise apartment buildings.

such as St. Mary's and Fairview hospitals and Augsburg College were expanding as well. At the same time, the City of Minneapolis was interested in and supported plans for redeveloping housing in the area.

Cedar-Riverside, lying east of I-35W, west and south of the Mississippi River as it winds through the city, and north of I-94, had long been an immigrant and working-class neighborhood. Although it provided affordable living for older residents and students, the neighborhood's housing stock was targeted as dilapidated and in need of significant repair as early as the 1930s. By the 1960s, it was almost universally considered derelict.

In the eager Segal-Heller team and the crumbling Cedar-Riverside neighborhood Ralph Rapson saw an opportunity to build something much grander than a few low-rise apartment buildings. Rapson envisioned a complete new community. He suggested to Segal and Heller that their modest plans would have little impact, urging, “You need to make a bigger splash.” He then took on the role of teacher, leading the team on an educational tour of the United States and Europe. “We learned by going to all these places what possibilities there were for new housing,” he recalls.

Plans for Cedar-Riverside simmered for the remainder of the 1960s, as the Segals, Heller, and others continued to acquire land and government officials considered large-scale redevelopment of the neighborhood. During that time, residents of Cedar-Riverside, awash in the counterculture movement and aghast at the scale of the redevelopment plans being discussed, organized in opposition to the proposed projects. Community opposition would ultimately limit large-scale redevelopment in the Cedar-Riverside neighborhood to the Cedar Square West complex, as it stands today.

However, in the plans that emerged in 1969, Cedar Square West was to be the first of a multi-phase project by the Segal-Heller team, which formed the development group Cedar-Riverside Associates (CRA). CRA’s proposed 100-acre development included five large-scale, high-density housing projects linked to the proposed commercial redevelopment of Cedar Avenue, referred to as the “Centrum.”
The design concept was to create diversity within a unified complex. "We wanted variety, richness, contrast—a lot of continuity but a lot of richness," says Rapson.

The concept had reached full bloom in 1968, when Cedar-Riverside and Segal and Heller attracted the attention of Minnesota state senator Henry McKnight. McKnight was just then undertaking the development of the suburban "New Town" of Jonathan, a self-contained, socially and environmentally progressive community on 5,000 acres of land in what is now the City of Chaska. In the Cedar-Riverside neighborhood and in Segal and Heller's plans, McKnight saw potential for federal support under the Title IV New Community legislation, which Congress had recently passed into law. Armed with McKnight's political savvy and Rapson's architectural vision, CRA applied to the federal department of Housing and Urban Development (HUD) for support of the Cedar-Riverside redevelopment through the New Town legislation.

There were no precedents for the design of the Cedar-Riverside New Town, according to Rapson—at least not in the United States. The only similar projects were in Europe. Rapson, Segal, and Heller toured the Finnish New Town of Tapiola, designed by Heikki von Hertzen, who later joined the Cedar-Riverside redevelopment team as a consultant. But Tapiola was smaller in scale than what Rapson had in mind for Cedar-Riverside.
Pressure for Change in a Growing City

To fully appreciate the scale of the Cedar-Riverside proposal, one must recall that the city's tallest building in 1969 was the 32-story Foshay Tower, which had opened 40 years earlier. The 51-story IDS tower was not yet under construction.

Minneapolis experienced an awkward adolescence in the late 1960s. It was no longer a small city, but neither was it the center of the large metropolitan region it would become. "It's almost impossible now to explain to people what the City of Minneapolis . . . faced in the 1960s," notes University of Minnesota urban studies professor Judith Martin. The loss of population to the expanding suburbs and General Mills' announcement in 1957 that it was moving to Golden Valley had dealt the city's confidence and economic future a significant blow. Martin wrote in an analysis of Cedar Square West in 1977 that, by the 1960s, "[Cedar-Riverside] had become an area in which something simply had to happen because the pressure for change was so great."

Bucking the trend of backing only suburban New Towns, HUD approved the proposal in 1971 and Cedar-Riverside was designated America's first "New Town-In Town." Construction of the first phase of the development, Cedar Square West, began later that year. The 11 buildings in the complex range in height from four stories to the 40-story McKnight Tower and contain 1,300 apartments, including flats and two-story townhouses in a variety of plans. The design concept was to create diversity within a unified complex. "We wanted variety, richness, contrast—a lot of continuity but a lot of richness," says Rapson.

To create that richness, the architect conceived a distinctive clustering of buildings with a comprehensive pedestrian network. A raised plaza over a parking garage at the center of the complex provides open space that was originally enhanced with a pool, a fountain, and a children's play area. Community and commercial spaces on the first floor of several of the buildings ringed the plaza.

This formal diversity, Rapson hoped, would foster an economically and socially diverse community. He designed Cedar Square West to have a range of apartments, from subsidized to market-rate, for students, single people, families, and the elderly. Rapson was

Continued on page 54
The new St. Paul Conservatory for Performing Artists celebrates the virtues of an urban arts education

BY CHRISTOPHER HUDSON

Not the Same Old Song
Location, location, location: The St. Paul Conservatory for Performing Artists enjoys an enviable perch atop Landmark Center (opposite). The school's signature space is a folding, cork-lined performance/study area (above).
For the first time since I graduated from high school, I want to go back. Not to my alma mater, mind you. I'd like to enroll in the St. Paul Conservatory for Performing Artists, a brand new tuition-free charter school in the heart of downtown St. Paul. Championed by outgoing St. Paul mayor Randy Kelly and his wife Kathy and sponsored by the Ordway Center for the Performing Arts, the school is like none other in the Midwest and possibly the country.

For starters, each morning the students walk into a castle—the century-old Landmark Center, a grand historic building elegantly restored in 1978 by Winsor/Faricy Architects (now Collaborative Design Group) to serve as an arts center and special-events facility. The school has taken over the Landmark Center's fifth-floor garret, which formerly housed the Minnesota Museum of American Art. It's here, in a light-filled 15,000-square-foot space renovated by the Minneapolis office of Perkins+Will, that 150 students take traditional academic classes.

After lunch, it gets even better. Math and English behind them, the young artists head out across Rice Park for three and a half hours of technical instruction in theater and dance at the Ordway Center and Roy Wilkins Auditorium, respectively. To get the theater program rolling in the Conservatory's inaugural year, the Ordway has generously made the Drake Room—a backstage rehearsal facility with the same dimensions as the Ordway main stage—available for classes. (When the Drake Room is in use, classes are moved to the McKnight Theater stage.) At Roy Wilkins, students leap, pirouette, and tap in state-of-the-art dance studios.

The whole package—chateau, world-class performing-arts facilities, and invigorating urban campus—makes for an incredibly rich educational experience. Not even the most forward-think-
ing and well-funded traditional schools can recreate what the Conservatory has to offer. “When I was first involved in this project,” recalls Ordway president David Galligan, “I thought the best thing to do would be to build an addition on the Ordway that would be dedicated space for the school, but we didn’t have the time or the money for that. So we ended up with this campus system. Well, in fact, the campus is its own calling card, its own attraction.”

Thanks to visionary planning and the generosity and enthusiasm of the school’s partners—the Ordway, River Centre, and St. Paul Central Library—the Conservatory is off to a great start. Executive director Terry Tofte, a former Northfield school superintendent, is more than pleased. “I thought there would be significant challenges working with separate sites and two different faculties—our academic staff that teaches in the morning and our arts staff that works in the afternoon,” he notes. “Those were my primary concerns going in—how do you manage things under those circumstances? But it’s all worked out extraordinarily well.”

The deciding factor in the school’s early success, however, undoubtedly has been the students, a diverse and unusually mature and focused lot of teenagers. Arriving each morning from across the metropolitan area and beyond—many using Metro Transit bus passes supplied by the school—the students have bonded over their common aspirations and express their appreciation for the unique educational opportunity given them. “It’s a very accepting group of young people,” observes Tofte. “Kids who come in are immediately accepted and supported, and become a part of the group. The Conservatory has more of a community feel to it than any other place I’ve ever been.”

**Light and Transparency**
When the Perkins+Will designers first toured the fifth floor of the Landmark Center, they encountered a lifeless space cluttered with old museum catalogs, art supplies, and even a kiln and potters’ wheels (the previous occupant had used the fifth floor for art classes). By the time their work was done, the space had been transformed into a richly colored environment flooded with natural light.

The defining feature of the Landmark Center’s fifth and sixth floors is a cortile (skylit interi-
or courtyard), around which the classrooms and offices are organized. The main circulation corridor lining the rectangular atrium and all of the classrooms receive ample light from the atrium and exterior punched windows, respectively. The only darkened space was a section of corridor at the north end of the building, where light from the cortile doesn't reach. To reverse this condition, the design team specified glass walls for the classrooms in this area, to bring light from exterior classroom windows into the corridor.

The prevalence of glass serves a second purpose: it creates visual connections in a small, tight-knit school community. Notes project architect Paul Neuhaus, AIA: "One of the early ideas that the director championed and that we embraced was that the Conservatory wasn't going to be a typical high school where everything is compartmentalized to remove as many distractions as possible. This school is different. Students have chosen to be here and want to learn."

The classrooms and offices are also distinguished by leaning perimeter walls created by the Landmark Center's steeply pitched roof.

Perkins+Will highlighted this geometry by painting the walls a strong persimmon color, which also harmonized with the historic colors used in the lower four floors of the building. Sky blue is used as an accent in the hallway lining the cortile. "The ambience up here is quite—I don't know how to describe it," says Tofte. "It's elevating and soothing at the same time, with all the open glass of the atrium. Each classroom space is unique. It feels like something very different from a public high school."

The signature design element, however, is the faceted, cork-lined performance space/study area (see photo on pages 44-45) at the north end of the cortile. "We began to think of the central space as a stage, a place that would serve as home base and reinforce the students' identity as performing artists," says Neuhaus. "Our idea was to make the space distinct from the Landmark Center and yet responsive to it. The stage looks and feels like a new object, but it takes its cue from the fifth floor's canted perimeter walls. Its shape not only defines the communal space, it redirects attention back to the cortile." When Neuhaus visited the school early in the fall term, he discovered, to his delight, that students had posted flyers and artwork on the cork wall.

**Bigger Things to Come**

You might think the Conservatory's administration and board of directors, having recently launched a brand new school for which there was no model, would be satisfied to focus on operational refinements over the next few years.

"In the coming years, we're going to be able to develop joint programming that takes advantage of the number and quality of artists who come to the Ordway," says Ordway president David Galligan.
But school officials are currently working with the neighboring Science Museum, St. Paul Chamber Orchestra (instrumental music), and Rose Ensemble (vocal music) to expand the Conservatory’s educational offerings for fall 2006. Nor has the school’s partnership with the Ordway reached its full potential. “I would describe [the Conservatory-Ordway partnership] as a match made in heaven, even today,” Galligan enthuses. “But in the coming years, we’re going to be able to develop joint programming that takes advantage of the number and quality of artists who come to the Ordway. And the kids, of course, are dying to be connected with those professional artists, to be inspired by them—by their work and by them personally.”

There are, of course, ongoing challenges. The lengthy 8:00 A.M. to 4:30 P.M. school day—necessary to deliver both academic and technical instruction—has been an adjustment for some parents. “The parents are getting used to this high-intensity experience for their kids,” says Galligan. “It’s hard to support a performing-artist-in-the-making. The students are making choices or thinking about making choices that will set their lives on a certain course, and parents struggle with that, which comes alive in conversations with faculty members and the administration. But the energy in the school is just electric. You can feel it in the air.”

That excitement may spread. With continued success and growth, the Conservatory will no doubt attract the attention of cities with a concentration of top-flight performing-arts centers. In the meantime, school administrators will get ample feedback from the young artists in their charge. “The students are very expressive and outspoken,” says Tofte, with a smile. “As a group, they’re extraverted and tend to tell us exactly what they think.”

To learn more about the St. Paul Conservatory for Performing Artists, visit the school’s website at www.spcpa.org
altered with subsequent additions and remodeling is instrumental in planning for most rehab and restoration projects.

Can the work involved in a preservation plan be performed pro bono? “It depends on the nature of the project—its size, the estimated number of hours that professionals will spend on preparing the plan, and whether the work can be spread around to several people,” says Claybaugh. “The important element in this kind of work is developing a plan of action and determining the level of detail appropriate for the preservation plan.”

Architecture firms that are able to absorb pro bono work find that volunteer preservation endeavors add to their experience base. Pro bono preservation work also offers young architects and designers a prime opportunity to get their hands into challenging and rewarding projects. When established professionals are guiding the work, the experience for young designers is further enriched.

“For young professionals, getting into the mix of things is imperative,” says Phillip Waugh, an historic preservationist with Collaborative Design Group, Minneapolis. Waugh found his way into architectural work through internships that put him in positions of responsibility on several preservation-related projects. The experiences taught him that pro bono work requires the same level of quality and productivity as does work done for pay. “I learned a lot,” Waugh remarks. “But more important, I got my foot in the door.”

later, the MHS spawned a hygiene laboratory charged with identifying exotic diseases carried into the country by foreign travelers. This laboratory grew to become the National Institutes of Health. Over time, public health has garnered widespread public support by working with government agencies and nonprofit organizations willing to take on threats too broad in scope for the private sector to handle.
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Architects, of course, do a lot of public and nonprofit work, but these projects usually comprise individual buildings or complexes, which are far smaller in scale than the problems that public-health physicians aim to remedy. As a result, architects often lack a clear way of addressing the large-scale threats to public health that can occur in the built environment. The opportunity to rectify this, however, lies right in front of us.

With the flooding of New Orleans, the devastation of broad swaths of coastline along the Gulf of Mexico and the Indian Ocean, and the leveling of millions of homes in northern Pakistan, we have entered a new era: one of catastrophes almost beyond imagination. Nor will these natural disasters soon end. Environmental scientist Norman Myers of Oxford University predicts that, in the coming decades, “there could be as many as 200 million people overtaken by disruptions of monsoon systems and other rainfall regimes, by droughts of unprecedented severity and duration, and by sea-level rise and coastal flooding.”

This is a public-health crisis with enormous architectural implications. Where will these people live? How should we rebuild? Who will lead in this effort? Architects are well equipped to answer these important questions, but we cannot address the needs one family at a time, as Richard Farson observed. Instead, we need to develop a public-health model of practice, with some percentage of the profession prepared to work in the nonprofit, corporate, and governmental sectors, focused not only on the needs of environmental refugees but also on those of the more than one billion people worldwide living without adequate shelter, in unsafe neighborhoods.

We might begin by joining with the public health and emergency management organizations that already exist, demonstrating our value in designing structures and in assembling and leading complex teams. Over time, we should help create institutions and agencies that address the needs of the world’s homeless. Whatever we call these organizations—the Institute for International Shelter, the Agency for Global Refugees—their time has come.
arrested development
Continued from page 43

adamant that the subsidized and market-
rate units be mixed in the same buildings,
but this idea met with strong resistance
from HUD.

Rapson describes the scene at one con-
tentious meeting between the developers
and HUD officials, including then-HUD sec-
tary George Romney: “I remember Rom-
ney leaning over and saying rather quietly,
‘Mr. Rapson, forget it. You cannot put all
of these buildings into one. They cannot
be mixed.’” There were many such meet-
ings. “On one or two occasions,” Rapson
continues, “I slammed my hand down on
the table and said, ‘This is the way it has to
be,’” with respect to the mixture of apart-
ments. In the end, the power of the fed-
eral government won out and the units were
economically segregated by building.

The federal government’s concerns
about individual expression also shaped
the formal aesthetic of the complex. Rap-
son envisioned undorned panels on the
exteriors of the buildings that could be
painted or otherwise decorated by resi-
dents. However, according to Judith Mar-
tin, in her book on the Cedar-Riverside
project, Recycling the Central City: The De-
velopment of a New Town–In Town (1977),
“FHA officials feared that the building ex-
teriorson could quickly sprout obscenities
and antiwar slogans.” A façade pattern of
panels painted in white and primary colors
was the compromise agreed upon by the
government and the developers.

The Battle for Cedar Square West
While Rapson fought to limit the govern-
ment’s influence on the design of Cedar
Square West, Cedar-Riverside residents or-
ganized to kill the project. Protesters filed
lawsuits, including challenges to the ade-
quacy of the project’s Environmental Im-
 pact Statements. Although the legal ma-
euvers did not succeed in stopping com-
pletion of Cedar Square West, they did suc-
cceed in blocking any further development
of the Cedar-Riverside New Town–In Town.

The protesters enjoyed even greater suc-
cess in the realm of public relations. As
Cedar Square West went up, it was contin-
uously in the news, associated with lawsuits,
financial difficulties, and angry protests. By
the time tenants first occupied apartments
in the spring of 1973, the project was bur-
dened with an albatross of bad news.

Surveys taken during the first year of oc-
cupation showed high levels of resident
satisfaction, according to Judith Martin, but
the bad-news albatross was never com-
pletely cut free from the project. In 1974,
residents of the older CRA-owned housing
in Cedar-Riverside staged a rent strike that
financially crippled the management of
Cedar Square West. That same year, notes
Martin, “a HUD report labeled the Cedar-
Riverside project ‘clearly not viable.’”

Continued on page 56
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Meanwhile, the local architectural establishment honored Ralph Rapson and Cedar Square West with an AIA Minnesota Honor Award. (In 2005, AIA Minnesota bestowed its prestigious 25-Year Award on the complex.)

Architectural accolades aside, Cedar Square West continued to struggle financially and, in 1984, Keith Heller was ousted as manager. One year later, the development went into receivership and in 1986 HUD foreclosed. The City of Minneapolis purchased the complex in 1987 to prevent purchase by an out-of-state, absentee landlord, then worked with local developers and community groups—including representatives of the groups that had fought the project—to assemble a local consortium to purchase Cedar Square West. In late 1988, the project was sold for $15 million and renamed Riverside Plaza.

Today, with a large immigrant population—50 percent of whom live below the poverty level—and a median household income of $10,503 (compared with a median household income of $37,974 for all of Minneapolis), Cedar Square West has strayed from Rapson’s vision for economic and social diversity. However, the project was neither a complete success nor a complete failure. Its faults, one can argue, were shaped by outside forces, and are not inherent to the architecture. As mixed-income, mixed-use projects are developed across the Twin Cities, one wonders if Cedar Square West doesn’t deserve another chance.

The buildings remain, structurally sound but in need of maintenance. The apartments have open, modern plans—many also offer fantastic views of the city—and the community enjoys its own light-rail station. Could Cedar Square West become the vibrant, socially and economically mixed community originally envisioned by Ralph Rapson and CRA? Ambitious housing projects such as the Upper Landing in St. Paul and Heritage Park in Minneapolis suggest that we are now ready to accept, even embrace, developments that combine market-rate and subsidized urban housing to serve an increasingly diverse population. ☻
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CAIN OUSE ASSOCIATES, INC.
1310 East Highway 96
White Bear Lake, MN 55110
Tel: 651/426-9549
Fax: 651/426-5048
Email: jcairn@cainouse.com
www.cainouse.com
Established 1983
Contact: Jay J. Cain, PE, 651/426-9549
—
Jay J. Cain PE
Wallace M. Ouse PE
Scott D. Thomas PE
—
Firm Personnel by Discipline
Mechanical Engineers 3
Electrical Engineers 2
Technical 4
Administrative 2
Total 11
—
Mechanical and electrical engineering for nearly all types of facilities and infrastructure. Common project types include churches, schools, public works, health care, entertainment, retail, and all levels of housing. Technical specialties include interior and exterior lighting, ground source heat pumps and public works specialties.

—
Croixdale Home, Bayport, MN; City Public Works Facility, Blooming- ton, MN; New High School, River Falls, WI; St. Anthony Mills apartments, Minneapolis, MN; Ethan Allen Home Interiors, Woodbury, MN; St. John's Lutheran Church, Lakeville, MN
CLARK ENGINEERING CORP.
621 Lilac Drive North
Minneapolis, MN 55422
Tel: 763/545-9196
Fax: 763/541-0056
Email: pbreher@clark-eng.com
www.clark-eng.com
Established: 1938
Other Offices: Aberdeen and Sioux Falls, SD
Contact: Aberdeen - Don Weigel, 605/225-3494
Contact: Sioux Falls - Kevin Goff, 605/331-2505

- Larry McMurray PE
- Hadji Sadaji PE
- Cory Casperson PE
- Tim La Bissoniere PE
- Abi Assadi PE
- Don Weigel PE

- Firm Personnel by Discipline
  Civil Engineers 7
  Structural Engineers 11
  Land Surveyors 5
  Other Professional 2
  Technical 21
  Administrative 6
  Total 52

Clark Engineering Corporation provides structural engineering, civil engineering and land surveying services for educational, commercial, industrial, and public sector facilities. Specialty design services for blast resistant structures, special foundations, elevated towers and overhead material handling systems. Civil engineering and surveying services for site development, planning, water supply and distribution, wastewater treatment and disposal and storm water management.

- John Marshall High School Addition, Rochester, MN; Rosemount Fire Station, Rosemount, MN; Riverside Casino/Hotel/Golf Resort, Cedar Rapids, IA; Voyager Bank, Minnetonka, MN; Ryder Trucking Facility, Roseville, MN; Waterford Complex, Mixed Use, Eau Claire, WI

LEO A DALY
730 2nd Avenue South, Ste. 1100
Minneapolis, MN 55402
Tel: 612/338-8741
Fax: 612/338-4840
Email: smhovey@leoadaly.com
www.leoadaly.com
Established 1915
Contact: Shannon Hovey, 612/341-9536

- Continued on next column

DARG BOLGREAN MENK, INC.
7575 Golden Valley Road, Ste. 210
Golden Valley, MN 55427
Tel: 763/544-8456
Fax: 763/544-8914
Email: info@dbrm-inc.com
www.dbm-inc.com
Established 1966
Contact: Harry D. Menk, 763/544-8456
- Gene Bolgrem PE
- Harry D. Menk PE

- Continued on next column

Firm Personnel by Discipline
Structural Engineers 4
Technical 2
Administrative 1
Total 7

- Complete structural engineering services for commercial, retail, office/warehouse, academic, industrial, governmental, medical/health, housing, religious and parking facilities. With expertise in steel, concrete, masonry and wood, DBM has engineered new construction, additions and renovations/restorations on over 5,000 projects in 21 states.

- Fergus Falls Psychological Hospital, Fergus Falls, MN; Amigo Service Center, Minneapolis, MN; Prestwick Golf Clubhouse, Woodbury, MN; Greenhouse Village Apartments, Roseville, MN; Little Canada Office Building, Little Canada, MN; St. Charles Public Library, St. Charles, MN

DATA CORE ENGINEERING, INC.
1700 West Highway 36
700 Rosedale Towers
Roseville, MN 55113
651/604-3200
Fax: 651/639-9618
Email: info@dceng.com
www.datacoreeng.com
Established 1991
- James W. Giefer PE
- D. Lane Hersey PE
- Jeff Westlund RCDD

Firm Personnel by Discipline
Electrical Engineers 2
Technical 11
Total 13

- Data Core is a technology consulting firm. We provide technology planning and design services to architects and engineers for the integration of computer, audio/visual, telephone and other communication and security camera systems for both new construction and renovation projects. Data Core also provides technology support services.

- University of Minnesota Duluth - Labovitz School of Business and Economics, Duluth, MN; United States Army Reserve Training Centers and Maintenance Facilities, Nationwide; Technology Upgrade, Saint Paul Public Schools, St. Paul, MN; Technology Up-grade, Owatonna Public Schools, Owatonna, MN; Network and Intrantet Support, Cretin Derham Hall, St. Paul, MN; Technology Design, Douglas County Metro Center, Superior, WI; Prior Lake High School, Prior Lake, MN

DLR GROUP
9521 West 78th Street
Minneapolis, MN 55443-3853
Tel: 952/941-8950
Fax: 952/941-7965
E-mail: minneapolis@dlrgroup.com
www.dlrgroup.com
Established 1966

- Other Offices: Chicago, IL; Colorado Springs, CO; Des Moines, IA; Farmington, MN; Honolulu, HI; Milwaukee, WI; Omaha, NE; Orlando, FL; Overland Park, KS; Philadelphia, PA; Phoenix, AZ; Portland, OR; Sacramento, CA; Seattle, WA

- Griff Davenport AIA
- Matt Johnson AIA
- Kelly Artz PE, RCDD
- Marlene Evenson AIA
- Jon Crump AIA
- Tom Sindelar AIA

- Firm Personnel by Discipline
  Structural Engineers 2
  Mechanical Engineers 7
  Electrical Engineers 4
  Architects 20
  Other Professional 6
  Administrative 9
  Total 48

- DLR Group has been providing exceptional engineering and design services since its inception in 1966. As a full-service architectural and engineering (mechanical, electrical, structural, civil and technology/communications) firm, we are a national leader in the design of corporate, industrial, educational, sports, justice and health care facilities, and associated building systems.

- Farmington School District, High School, Farmington, MN; Belle Plaine School District, Elementary School, Belle Plaine, MN; Scott County, Jail/Law Enforcement Center, Shakopee, MN; Anoka Ramsey Community College, Campus Expansion, Cambridge, MN; The Boeing Corporation, Factory of the Future, Seattle, WA; Madison Marquette Realty Services, Brookdale Mall Smoke Control, Minnetonka, MN

Paid Advertising

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Firm Personnel by Discipline
(11 LEED Accredited Professionals)
Mechanical Engineers 42
Electrical Engineers 28
Registered Communications
Distribution
Designer (RCDD) 2
Commissioning Specialists 8
Other Professionals 2
Administrative 8
Total 90

Dolejs Associates provides
sensible mechanical and electrical
engineering solutions for a variety of
business markets including:
aviation, commercial, education,
health care and retail. We apply
our specialized design expertise to
commissioning building projects,
sustainable projects, telecommu-
nications projects, and CFD model-
ning for HVAC analysis. Our LEED
certified and FAE-staffed team
provides the factor in the
important equation that produces a
design that performs for our clients.

Dolejs Associates provides
Mechanical and Electrical Design
Services for the Building Industry.
Building types include educational,
recational, churches, engine-
neered housing, hotels, restaurants
and public works. An experienced
and stable staff provides expertise
in HVAC, plumbing, fire protec-
tion, temperature control, lighting,
power, communication and life
safety systems.

Dolans Lutheran Church,
Lakeville, MN; Public Works Facili-
ty, Lakeville, MN; Community
Center, St. Peter, MN; Real Life Co-
op Housing, Burnsville, MN;
Bethany College Math and Science
Building, Mankato, MN; Lake
Crystal High School, Lake Crystal,
MN; Decker Trucking Corporate
Offices, Fort Dodge, IA

DOLJE'S ASSOCIATES INC.
1624 North Riverfront Drive
Mankato, MN 56001
Tel: 952-435-6790
Fax: 507-388-9225
Email: dolejs@hickorytech.net
Established 1977
Joseph Dolejs PE
Christopher J. Dolejs PE
Michael Dolejs PE
Firm Personnel by Discipline
Mechanical Engineers 3
Electrical Engineer 1
Technical 10
Administrative 2
Total 15

Dolans Associates provides
Mechanical and Electrical Design
Services for the Building Industry.
Building types include educational,
reational, churches, engine-
neered housing, hotels, restaurants
and public works. An experienced
and stable staff provides expertise
in HVAC, plumbing, fire protec-
tion, temperature control, lighting,
power, communication and life
safety systems.

Dolans Lutheran Church,
Lakeville, MN; Public Works Facili-
ty, Lakeville, MN; Community
Center, St. Peter, MN; Real Life Co-
op Housing, Burnsville, MN;
Bethany College Math and Science
Building, Mankato, MN; Lake
Crystal High School, Lake Crystal,
MN; Decker Trucking Corporate
Offices, Fort Dodge, IA

DUNHAM ASSOCIATES, INC.
8200 Normandale Blvd., Ste. 500
Minneapolis, MN 55437
Tel: 952/820-1400
Fax: 952/820-2760
Email: info@dunhamassociates.com
www.dunhamassociates.com
Established 1960
Contact: Kat Colboke, PE,
952/820-1400
Kathleen Colboke PE, LEED AP
Dale Holland PE, LEED AP
Jay Roehl PE, LEED AP
Steve Gentilini PE
Ron Feldhaus PE
Mike Anderson PE
Continued on next column

EDWARDS AND KELCEY, INC.
7300 Metro Boulevard, Ste. 400
Minneapolis, MN 55439
Tel: 952/835-6411
Fax: 952/835-7376
Email: dwarzala@ekmail.com
www.ekcorp.com
Established 1946
Contact: David B. Warzala,
952/835-6411

Other Offices: National firm
with 22 offices in principal
cities throughout the Midwest,
New England, Mid-Atlantic and
Southeastern Regions
- Thomas Parker PE
Robert Sands PE, AICP
David Warzala
Jeffrey (Jay) Wetmore PE
- Firm Personnel by Discipline
Civil Engineers 101
Structural Engineers 86
Mechanical Engineers 10
Electrical Engineers 39
Transportation, Electronics,
Value Engineers 159
Architects 32
Other Professional 161
Technical 137
Administrative 130
Total 855

Edwards and Kelcey is a nationally
recognized firm that serves
public and private clients, provid-
ing full-service planning, engi-
neering, and construction manage-
ment services from concept to
completion. Our approach focuses
on the user's needs, optimizing
value for clients in these markets:
transportation, environmental,
communications, utilities, institu-
tional, commercial, industrial,
recreation and Federal.

Hiawatha LRT Design Build, Min-
neapolis, MN; University of Min-
nesota Coffman Union Site De-
sign, Minneapolis, MN; Kohl's
Site Design, Maplewood, MN;
Fidelity Financial Services Site De-
sign, Edina, MN; University of
Minnesota Jones Hall Site Design,
Minneapolis, MN; Metro Transit
Park and Ride Parking Structure,
Plymouth, MN

ELLERBE BECKET, INC.
800 LaSalle Avenue
Minneapolis, MN 55402
Tel: 612/376-2000
Fax: 612/376-2271
Email: info@ellerbebecket.com
www.ellerbebecket.com
Established 1909
Contact: Steve Wernersbach, PE,
612/376-2311

- Other Offices: Kansas City,
MO; San Francisco, CA; Washing-
ton, DC; Dubai, United Arab
Emirates
Jon Buggy AIA
Steve Wernersbach PE
Randy Jacobs PE
Jon Iverson PE
Pete Brown PE
Dan Dickenson PE, LEED AP
- Firm Personnel by Discipline
Civil Engineers 1
Structural Engineers 7
Mechanical Engineers 28
Electrical Engineers 21
Architects 103
Other Professional 48
Technical 19
Administrative 56
Total 283

Ellerbe Beckett's engineering team
has a proven history of success in
the execution of technically com-
plex projects, including new con-
struction, renovation and building
systems services. The team of
odes offers expertise in a wide range
of facility types, including hospitals
and clinics, mission critical facili-
ties, laboratories, corporate work-
place, learning environments and
heating/cooling plus.

Regions Hospital/Gillette Chil-
dren's Expansion, St. Paul, MN;
Abbott Northwestern Neuro-
science/Orthopaedic/Spine Pa-
tient Care Center, Minneapolis,
MN; Immanuel-St. Joseph/Mayo
Health System Cardiology/On-
cology Expansion, Mankato,
MN; Michigan Electric Transmis-
sion Company, Transmission
Operations Center, Grand
Rapids, MI; Confidential Major
Insurance Company, Corporate
South Campus, Bloomington,
IL; NRG Energy Inc., Multiple
projects, Minneapolis, MN

ENGINEERING DESIGN
INITIATIVE, LTD (edi)
420 N. 5th Street, Ste. 565
Minneapolis, MN 55401
Tel: 612/343-5965
Fax: 612/343-5982
Email: lnemer@edilimited.com
www.edilimited.com
Established 2002
Contact: Larry Nemer, PE,
612/343-5965
Jay Hruby PE
Larry Nemer PE, LEED AP
Larry Svitak PE
- Firm Personnel by Discipline
Mechanical Engineers 4
Electrical Engineers 2
Technical 5
Administrative 1
Total 12

EDI provides innovative M/E
engineering solutions for a vari-
ety of building types. Our ser-
dices include M/E engineering,
building commissioning, energy
modelling and daylight model-
sing services. EDI is committed to
delivering designs that are ener-
gy efficient, maintainable and
sustainable. We are passionate
in our creative design, attention
to detail and commitment to
teamwork - from defining initial
performance goals through valid-
ation by commissioning.

- St. John's Abbey Guesthouse and
Chapler House, Collegeville, MN;
Roberts County Corrections/Fac-
ility, MN; St. Cloud Public Li-
brary, St. Cloud, MN; SPPS Cen-
tral High School Technology Up-
grade, St. Paul, MN; Grinnell
College Noyce Science Commission-
ing, Grinnell, IA; Grinnell Col-
lege Campus Center Energy Mod-
ing, Grinnell, IA; City of Min-
neapolis Water Works Mainte-
nance Facility, Fridley, MN

Continued on next column
Firm Personnel by Discipline
 Structural Engineers 26
 Technical 20
 Administrative 3
 Total 49

Full service structural engineering for retail, medical, commercial, educational, computer centers, high-rise offices, housing, parking facilities, sports and recreational facilities, as well as conduct investigations of existing structures for remodeling and renovation. We are registered as Professional Engineers in Minnesota and throughout the United States as well as the owner of the ER-POST - Precast Building System (patent pending).

Department of Human Services Building and Parking Ramp, St. Paul, MN; Guthrie Theater and Parking Ramp, Minneapolis, MN; Fairview Southdale Hospital Expansion, Parking Ramp and Skyway, Edina, MN; University of Minnesota Riverbend Commons Dormitory and Parking Ramp, Minneapolis, MN; Target Retail/Office Building - 900 Nicollet, Minneapolis, MN; Bookmen Stacks Housing Tower and Parking Ramp, Minneapolis, MN

FUTRELL FIRE CONSULT & DESIGN, INC.
8860 Jefferson Highway
Osseo, MN 55369-1500
Tel: 763/425-1001
Fax: 763/425-2234
Email: scott@ffcdi.com
www.ffcdi.com
Established 1989

Scott A. Futrell PE (WI)
Rich Pehrson PhD, PE (MN,SD)
Mark Lund PE (MN)

Firm Personnel by Discipline
Professional Engineers 5
Technical 9
Administrative 4
Total 28

Fire Protection Engineering, fire alarm and fire suppression system design, risk analysis, plan and engineering report reviews, special instructions, commissioner, expert witness, third-party review and project management.

3M, Nationwide; University of Minnesota, various projects, Minneapolis Campus, MN; St. Paul Public Housing Authority, various projects, MN; Minnesota Air National Guard, Duluth, MN; CENEX Inver Grove Heights Warehouse, MN; DLR Group, Duluth Federal Building and United States Courthouse, Duluth, MN

GAUSMAN & MOORE ASSOCIATES, INC.
1700 West Highway 36
700 Rosedale Towers
Roseville, MN 55113
Tel: 651/639-9606
Fax: 651/639-9618
Email: gmmail@gausman.com
www.gausman.com
Established 1935

Other Offices: Duluth, MN; Portland, OR

James W. Giefer PE
James A. Keller PE
D. Lane Hersey PE
Robert B. Full PE

Firm Personnel by Discipline
Mechanical Engineers 8
Electrical Engineers 7
Technical 3
Administrative 1
Total 17

GAUSMAN & MOORE ASSOCIATES, INC.
1700 West Highway 36
700 Rosedale Towers
Roseville, MN 55113
Tel: 651/639-9606
Fax: 651/639-9618
Email: gmmail@gausman.com
www.gausman.com
Established 1935

Other Offices: Duluth, MN; Portland, OR

James W. Giefer PE
James A. Keller PE
D. Lane Hersey PE
Robert B. Full PE

Firm Personnel by Discipline
Mechanical Engineers 12
Electrical Engineers 8
Technical 1
Administrative 4
Total 25

A mechanical/ electrical engineering firm designing building systems for higher education, K-12, libraries, churches, judicial/corrections, municipal, recreational, residential, retail, medical, corporate and industrial clients. Systems include: HVAC, plumbing, ground source heat pumps, fire protection, specialty lighting, critical power, voice/data communications, sound reinforcement, security/surveillance, and facility infrastructure planning.

Minneapolis Central Library, Minneapolis, MN; Grinnell College Campus Center, Grinnell, IA; MCF Faribault M & E Infrastructure Renovation, Faribault, MN; Sandstone Prison Renovation, Sandstone, MN; Eli Lilly Corporate Data Center Electric Power System; Eagle Brook Church

Futrell Fire Consult & Design, Inc.
8860 Jefferson Highway
Osseo, MN 55369-1500
Tel: 763/425-1001
Fax: 763/425-2234
Email: scott@ffcdi.com
www.ffcdi.com
Established 1989

Scott A. Futrell PE (WI)
Rich Pehrson PhD, PE (MN,SD)
Mark Lund PE (MN)

Firm Personnel by Discipline
Professional Engineers 5
Technical 9
Administrative 4
Total 28

Fire Protection Engineering, fire alarm and fire suppression system design, risk analysis, plan and engineering report reviews, special instructions, commissioner, expert witness, third-party review and project management.

3M, Nationwide; University of Minnesota, various projects, Minneapolis Campus, MN; St. Paul Public Housing Authority, various projects, MN; Minnesota Air National Guard, Duluth, MN; CENEX Inver Grove Heights Warehouse, MN; DLR Group, Duluth Federal Building and United States Courthouse, Duluth, MN

Gausman & Moore provides mechanical, electrical, fire protection, and technology design engineering services. Areas of Special Expertise include sustainable design (LEED™ AP), mission critical power systems, forensic investigations, lighting design, and health care.

Hennepin County Brookdale Government Service Center, Brooklyn Park, MN; University of Minnesota Duluth Labovitz School of Business and Economics, MN; Cloquet Community Memorial Hospital Remodeling and Addition, MN; U. S. Army Reserve Training Centers and Maintenance Facilities, Nationwide; Target Corporate Data Center, Brooklyn Park, MN; Target Stores, Nationwide
**HALLBERG ENGINEERING, INC.**
1750 Commerce Court
White Bear Lake, MN 55110
Tel: 651/748-1100
Fax: 651/748-9370
Email: hei@hallbergingineering.com
www.hallbergingineering.com
Established 1984
Contact: Chris Brown,
651/748-4367
—

Joseph W. Hallberg PE
James R. Penkivech PE
Larry A. Jensen PE
—

Firm Personnel by Discipline
Mechanical Engineers 10
Electrical Engineers 5
Other Professional 4
Technical 16
Administrative 6
Total 41
—

Mechanical, electrical, technology and facility management engineering services for educational, retail, commercial, institutional, health care and correctional facilities. Our Commissioning group performs mechanical and technology commissioning for new and existing facilities. The Schools for Energy Efficiency (tm) (SEE) Program provides schools with the tools to save energy and avoid energy costs.
—

Stillwater Area Schools, Stillwater, MN; New Prague Area Schools, New Prague, MN; Inver Grove Heights Community Schools, Inver Grove Heights, MN; Edina Public Schools Commissioning, Edina, MN; St. Benedicts College, Henrita Academic Building, St. Joseph, MN; Aeropostale Stores, Nationwide

**HAMMEL, GREEN AND ABRAMHAMSON**
701 Washington Avenue North
Minneapolis, MN 55401
Tel: 612/758-4000
Fax: 612/758-4199
Email: info@hgacom
www.hgacom
Established 1953
Other Offices: Rochester, MN; Milwaukee, WI; Sacramento, Los Angeles and San Francisco, CA
Contact: Julie Luers,
Dir. of Mkgt., 612/758-4613
—

Chuck Cappellin PE
Jeff Harris PE
Leigh Harrison PE
Kenny Horns PE
Doug Maust PE
Yan Shagalov PE
—

Firm Personnel by Discipline
Civil Engineering 5
Structural Engineering 24
Mechanical Engineering 36
Electrical Engineering 27
Industrial Engineers 2
Architects 213
Other Professionals 34
Technical 41
Administrative 87
Total Staff 469
—

HGA has engineering expertise in the design of a broad range of facility types. In addition to traditional HVAC, structural and electrical systems, HGA has specialists in clean environments, industrial processes, central plants, utility infrastructure, existing condition surveys, facility assessments, telecommunications systems design, healthcare technology applications design, structural special inspections, and specialty lighting. HGA engineers serve both prime consultants and sub-contractors.
—

CentraCare Health System,
St. Cloud, MN; General Mills,
Golden Valley, MN; Honeywell,
Minneapolis, MN; Minnesota Departments of Agriculture and Health, Saint Paul, MN; Surmodics, Bloomington, MN;
Walker Art Center Expansion, Minneapolis, MN

**INSPEC, INC.**
5801 Duluth Street
Minneapolis, MN 55422
Tel: 763/546-3434
Fax: 763/546-8669
E-mail: fking@inspec.com
www.inspec.com
Established 1973
Other Office: Milwaukee, WI;
Chicago, IL
—

Dwight Benoy PE
Gary Patrick AIA
Mike Remington PE
David W. Campbell AIA
—

Firm Personnel by Discipline
Civil Engineers 7
Structural Engineers 2
Architects 3
Technical 48
Administrative 23
Total 83
—

Inspec offers our clients smart engineering for roofs, walls, pavements and waterproofing. Our services include survey and evaluation, failure investigation, design and consultation, expert witness testimony, construction administration and observation, on-site and lab testing, and customized facility management programs. We also specialize in historic building renovation and outdoor athletic facilities.
—

GlenSheen, Duluth, MN; Minnesota State Capitol, St. Paul, MN; American Swedish Institute, Minneapolis, MN; Minnesota State Colleges and Universities (54 campuses), Statewide; Anoka County, MN; University of Chicago, Chicago, IL

**KARGES-FAULCONBRIDGE, INC.**
670 West County Road B
St. Paul, MN 55113
Tel: 651/771-0880
Fax: 651/771-0878
E-mail: kfi@kfi-eng.com
Established 1996
—

William J. Karges, Jr. PE
James A. Faulconbridge PE
—

Firm Personnel by Discipline
Mechanical Engineers 17
Electrical Engineers 6
Chemical Engineers 1
Chemical Engineering 1
Other Professional 9
Administrative 7
Designers 34
Total 83
—

Karges-Faulconbridge, Inc. (KFI) is a unique engineering firm of engineers, designers, professional estimators, and commissioning specialists registered in 50 states and the District of Columbia, and KFI's new office building is LEED certified Gold. KFI provides engineering and construction management services for industrial, institutional, healthcare and commercial organizations. KFI clients rely on this unique combination of skills and experience to address issues of constructability, phasing, maintenance and operations early in the design stage, conserving time and resources.
—

Soybean Extraction Plant, Cerex Harvest States, Fairmont, MN
Minnesota Veterans Home, Infrastructure Improvements, Hastings, MN; New Vegetable Oil Refinery, A. National Park, Hastings, NE; Robbinsdale School District 281, Ventilation Systems, Robbinsdale, MN; Estimating for Minneapolis-St. Paul International Airport Expansion, Bloomington, MN; Commissioning Osseo Schools, Osseo, MN

**KRECH, O'BRIEN, MUELLER & ASSOCIATES, INC.**
6115 Cahill Avenue
Inver Grove Heights, MN 55076
Tel: 651/451-4605
Fax: 651/451-0917
Email: jkrech@komaunc.com
www.komaunc.com
Established 1987
—

James H. Krech PE
Michael J. Lisowski PE
Daniel J. O'Brien AIA
Brady R. Mueller AIA
Cindy Douthett Nagel CID
—

Firm Personnel by Discipline
Structural Engineers 3
Architects 4
Architectural Interns 4
Other Professional 2
Technical 1
Administrative 2
Total 16
—

KOMW offers structural engineering, architecture, interior design and construction management services. Registered structurally in 24 states, typical structural projects include industrial, commercial, institutional, ecclesiastical, forensic, agricultural, blast resistance, and hazardous waste containment. Specialties include granular material storage, hazardous liquid containment, corrosive environments, blast resistance, and aluminum greenhouse design.
—

Minnesota Diversified Industries, Grand Rapids, MN; Silver Tree Suites Condominiums, Deep Creek Lake, Maryland; Oak Hills Park Warming House and Shelter, St. Louis Park, MN; Crossroads Church, Lakeville, MN; Bueil's Landscape Center, Hastings, MN; International Union of Operating Engineers Local 49, Training Facility, Pine City, MN
LANDFORM
650 Butler North Building
510 1st Avenue North
Minneapolis, MN 55403
Tel: 612/252-9070
Fax: 612/252-9077
Email: info@landform.net
www.landform.net
Established 1994
Other Office: Phoenix, AZ
- Darren B. Lazan RLA
  - Stephen M. Johnsten PE
  - Carolyn Krall AIA
  - Kendra Lindahl AICP
Firm Personnel by Discipline
Civil Engineers 16
Architects 2
Other Professional 19
Technical 12
Administrative 8
Total 57

Landform provides civil engineering, planning, landscape architecture, and architectural services. Our broad range of local and national clients includes developers, architects, corporate/commercial groups, builders, cities and other government entities. Specialties are retail, hospitality, office, residential, medical campuses and institutional.

- Mound Harbor Renaissance, Mound, MN; The Retreat at Garden Gate, Woodbury, MN; Heritage Squares at Legacy Village, Maplewood, MN; Andover Clocktower Commons, Andover, MN; Stone Bay, Orono, MN; Methodist Hospital, St. Louis Park, MN

LARSON ENGINEERING OF MINNESOTA
3524 Labore Road
White Bear Lake, MN 55110
Tel: 651/481-9120
Fax: 651/481-9201
Email: info@larsonmn.com
www.larsonengr.com
Established 1979
Contact: Kesh Ramduler, PE
  - (Regional Mgr.), 651/481-9120
- Other Offices: Naperville, IL; Appleton and Milwaukee, WI; Norcross, GA; St. Louis, MO; Scottsdale, AZ
- Lee Granquist PE
  - Kesh Ramdular PE
  - Henry Voth PE
- Continued on next column

LHB, INC.
21 West Superior Street, Ste. 500
Duluth, MN 55802
Tel: 218/727-8446
Fax: 218/727-8456
Email: joelgum@lhbcorp.com
www.lhbcorp.com
Established 1966
Other Offices: Minneapolis, MN
Contact: Joelyn Gum, 218/727-8446
- William Bennett PE
- Richard Carter AIA
- David Shedy PE
- Joe Litman PE
- Jay Bergman PE
- Timothy Korby PE
- Firm Personnel by Discipline
  - Civil Engineers 12
  - Structural Engineers 10
  - Mechanical Engineers 8
  - Electrical Engineers 8
  - Professional Land Surveyors 2
  - Architects 23
  - Other Professional 18
  - Technical 44
  - Administrative 25
  - Total 150

LHB provides survey, civil, electrical, mechanical, and structural engineering for buildings, sites and infrastructure. We serve government, public works, pipeline, industrial, education, healthcare, commercial, and housing. Specialties include roads, structures, water/sewer/waste water systems, and building performance which helps manage ownership costs. LHB values sustainability, design excellence and quality documents.

- Mn/DOT's TH 19 and TH 169 Bridge, Mankato, MN; St. Louis Country's CSAH 7 Urban Roadway Reconstruction, Virginia, MN; Becker Biosolids Treatment Facility, Becker, MN; City of Duluth Storm Sewer GIS System, Duluth, MN; Chatfield Waste Water Treatment Facitility Expansion, Chatfield, MN; University of Minnesota Duluth Life Sciences Buildings, remodel and new mechanical system, Duluth, MN

LOUKCS ASSOCIATES
7200 Hemlock Lane, Ste. 300
Minneapolis, MN 55369
Tel: 763/424-5505
Fax: 763/424-5822
E-mail: home@loucksmlcagan.com
www.loucksmlcagan.com
Established 1976
Other Offices: Loucks McLagan, St. Paul, MN
- Thomas G. Loucks PE
  - Jeffrey A. Shopek PE
  - Paul J. McGinley PLS
  - Michael J. St. Martin PE
- Firm Personnel by Discipline
  - Civil Engineers 9
  - Other Professionals 6
  - Technical 13
  - Administrative 8
  - Total 42

Lundquist, Killen, Potvin & Bender, Inc. (LKPB)
1935 W. County Road B2, Ste. 300
Saint Paul, MN 55113
Tel: 651/633-1223
Fax: 651/633-1355
www.lkpb.com
Established 1969
Contact: Nikki Bartholomew, 651/288-6110
- Leonard A. Lundquist PE
- John M. Killeen PE
- Peter A. Potvin PE
- Gayland J. Bender PE
- Jon D. Haack PE
- Firm Personnel by Discipline
  - Mechanical Engineers 16
  - Electrical Engineers 5
  - Technical 13
  - Administrative 8
  - Total 42

Lundquist, Killen, Potvin & Bender, Inc. (LKPB) is a mechanical and electrical consulting engineering firm that was founded in 1969. The firm provides services to clients in diverse settings such as post-secondary education, health care, corporate, commercial, historical, recreational and municipal environments.

- Regions Hospital, master planning, St. Paul, MN; Allina Commons (Midtown Exchange), Minneapolis, MN; Mill City Museum, Minneapolis, MN; Middlebury College, new library, Middlebury, VT; University of Minnesota Landscape Arboretum, new visitors center, Chaska, MN; Dan Abraham Wellness Center (Mayo Clinic), Rochester, MN
MASTER: ENGINEERING, REAL ESTATE AND CONSTRUCTION
125 W. Broadway Avenue
Minneapolis, MN 55411
Tel: 612/872-9200
Fax: 612/872-9201
Email: ryanb@mastermn.com
www.mastermn.com
Established 1998
Contact: Ryan Bluhm, PE
612/236-1601
Lance Elliott PE
Don Gerberding
Wayne Johnson
Charlie Nestor
Firm Personnel by Discipline
Civil Engineers 7
Other Professional 20
Administrative 3
Total 30
Master's civil engineering department provides civil engineering services for property development and reconstruction of existing infrastructure. Our projects range from urban infill to large land developments. Services include site design, grading and utility design, stormwater management plans, and complete site work construction.
MinnLo Credit Union, North Branch, MN; Bassett Creek Crossing, Plymouth, MN; Silver Cliff Beach Homes, Two Harbors, MN; Artists Quarter, 26th and Nicollet, Minneapolis, MN; Minikahda Country Club, Poolhouse, Minneapolis, MN; Winnetka Townhomes, New Hope, MN

MATTSON/MACDONALD, INC.
901 North 3rd Street, Ste. 100
Minneapolis, MN 55401
Tel: 612/827-7825
Fax: 612/827-0805
Email: davem@mattsonmacdonald.com
www.mattsonmacdonald.com
Established 1983
Contact: Stephanie Young,
612/827-7825
David H. Macdonald PE
Stephanie J. Young PE
Firm Personnel by Discipline
Structural Engineers 8
Technical 3
Administrative 1
Total 12
Structural engineering services for commercial, educational, industrial, institutional and residential buildings. Design of new buildings, renovation and restoration of existing buildings. Experienced in the restoration and adaptive re-use of historic buildings.
- Milwaukee Road Depot Restoration, Minneapolis, MN; Stone Arch Lofts, Minneapolis, MN; Wayzata City Hall and Library, Wayzata, MN; Uptown Transit Station, Uptown Minneapolis, MN; Presbyterian Homes of North Oaks, North Oaks, MN; Central Baptist Church, Sioux Falls, SD

McCONKEY JOHNSON SOLTERMANN, INC.
241 Cleveland Avenue S., Ste. B2
St. Paul, MN 55105
Tel: 651/698-5626
Fax: 651/698-5628
Email: mjeng@qwest.net
www.mcconkeyjohnsonsoltermann.com
Established 1978
Richard W. Johnson PE
Christian Soltermann PE
Firm Personnel by Discipline
Structural Engineers 3
Technical 2
Administrative 1
Total 6
Structural engineering consulting services for commercial, industrial, institutional, public and residential projects. Structural assessments of existing structures. Design office that stresses cooperation, communication and a knowledgeable exchange of ideas. Licensed in 14 states.
- Lakeview Lofts, Spring Park, MN; Midwest Volleyball Warehouse, Burnsville, MN; Granite City Food and Brewery, Several Locations; West Oak Condos, St. Louis Park, MN; North American State Bank, Willmar, MN; Mann's Hibbing 8 Plex, Hibbing, MN

MICHAUD COOLEY ERIKSON
333 South Seventh Street, Ste. 1200
Minneapolis, MN 55402
Tel: 612/339-4941
Fax: 612/339-8354
Email: bber@micahaudcooley.com
www.micahaudcooley.com
Established 1946
Contact: Rebecca Berg,
612/673-6892
Dean A. Rafferty PE
Douglas C. Cooley PE
Monty L. Talbert, Jr. PE
Joseph A. Tennyson PE
Firm Personnel by Discipline
Mechanical Engineers 59
Electrical Engineers 48
Fire Protection Engineer 1
Administrative 12
Total 120
MCE designs HVAC, plumbing, fire protection, electrical, illumination, security, life safety, audio visual, building automation, voice data and other special systems. Feasibility and deficiency studies, reports and master planning. Tenant representation and fit-up services, commissioning, facilities management and IAQ analysis.
- Wells Fargo South, Shoreview, MN; Allianz Life II, Golden Valley, MN; University of Minnesota Carlson School of Management, Minneapolis, MN; Ecolab, Eagan, MN; Boston Scientific, Maple Grove, MN; Target, Nationwide Locations

MJP ASSOCIATES, LTD.
4362 Oakmede Lane
White Bear Lake, MN 55110
Tel: 651/426-7037
Fax: 651/426-6643
Email: mike@mjp-associates.com
www.mjp-associates.com
Established 1993
Michael J. Preston PE
Firm Personnel by Discipline
Structural Engineers 1
Administrative .5
Total 1.5
Specialized structural engineering services tailored to high-end residential projects, specialized component evaluation, and miscellaneous structures including investigative studies, feasibility studies, structural analysis and design, preparation of contract documents, and construction observation.
- Contented Cow Deck Renovation, Northfield, MN; Exterior Metal Stud Design, Various Commercial and Office Developments; Siegel Residence, Excelsior, MN; Steel Entry Structure, Big "R" Farm Store, Greely, CO; Field Stone Retaining Wall Designs, Various Locations

Continued on next column
OLSSON ASSOCIATES
6600 France Avenue South, Ste. 230
Edina, MN 55435
Tel: 952/941-0477
Fax: 952/941-0644
Email: communications@oaconsulting.com
www.oaconsulting.com
Established 1956
Contact: Jim Sokolowski, 952/927-3801

—
Other Offices: Nebraska (Lincoln, Omaha, Grand Island, South Sioux City, Scottsbluff, Holdrege); Arizona (Phoenix, Tucson); Colorado (Denver); Missouri (Kansas City); Kansas (Overland Park); Iowa (Sioux City)

Roger Severin PE, RLS
Patty McManus MS
Brad Korell
John Robinson PE
Jack Lynch RLA
James G. Sokolowski PE

—
Firm Personnel by Discipline
Civil Engineers 103
Structural Engineers 5
Mechanical Engineers 6
Electrical Engineers 9
Other Professional 5
Technical 138
Administrative 45
Total 497

Olsson Associates offers land planning, environmental, geotechnical, civil, traffic engineering, surveying, water resources, water, wastewater, manufacturing, mechanical, electrical, power electrical, structural, municipal, construction observation, GIS, mapping, landscape architecture, and transportation services. Our staff members include professional engineers, engineers-in-training, registered geologists, environmental scientists, registered landscape architects, planners, and registered land surveyors.

El Paso County GIS Stormwater Master Plan, El Paso County, CO; Good Samaritan Medical Office Building, Kearney, NE; Lee's Summit West High School, Lee's Summit, MO; Mystic Meadows 1st Addition, Farmington, MN; Tempe Sports Complex, Tempe, AZ; Wal-Mart Super Centers, Various Locations throughout NE, CO, ND and MN

REIGSTAD & ASSOCIATES, INC.
192 West 9th Street, Ste. 200
St. Paul, MN 55102
Tel: 651/292-1123
Fax: 651/292-8015
Email: greigstad@reigstad.com
www.reigstad.com
Established 1979
Other Office: Biloxi, MS

—
Gordon H. Reigstad PhD, PE SE
Charles R. Ashton PE
David A. Senter PE
(CA, CO, ND, SD, WI)

—
Firm Personnel by Discipline
Structural Engineers 12
Technical 18
Administrative 3
Total 33

—
Provides structural design for all types of projects utilizing steel, concrete, masonry, and timber systems, along with pre-stressed and post-tensioned concrete and space frame systems. Specialty structural designs include multi-story floating buildings, along with marine design, barge modifications, and mooring dolphins and, since 2001, providing anti-terrorist designed structures for military.

Calhoun Condominiums, Minneapolis, MN; Kewadin Casino, Sault St. Marie, MI; Light Harbor Preserve, New Buffalo, MI; Mohawk Casino, Resort, Monticello, NY; Paradise Island, Perdido Key, FL; Presbyterian Homes, North Oak, MN

RLK-KUUSISTO, LTD.
6110 Blue circle Drive, Ste. 100
Minnetonka, MN 55343
Tel: 952/933-0972
Fax: 952/933-1153
Email: jdieterich@rlkcinc.com
www.rlkcinc.com
Established 1959
Contact: John Dietrich, 952/933-0972

—
Other Offices: Ham Lake, Duluth and Hibbing

—
Michele Caron PE
John Dietrich ASA
Steve Schwanke AICP
Vern Swing PE
Joseph Samuel PE
John Jannick PE

—
Continued on next column

Firm Personnel by Discipline
Civil Engineers 31
Landscape Architects 4
Planner 1
Other Professionals 18
Technical 30
Administrative 13
Total 97

—
RLK-Kuusisto, Ltd. is a professional consulting firm specializing in municipal and civil engineering, master planning, land development, land surveying, landscape architecture, and transportation engineering. We provide services to developers, property owners, and municipalities who focus on commercial, retail, residential, industrial and infrastructure redevelopment. Our specialized services are site development, approval, value engineering, and are comprehensive to specific engineering design and detail.

Dean Lake Mixed-use Development, Shakopee, MN; Stillwater Mills, Stillwater, MN; Oakdale Marketplace, Oakdale, MN; Caleb’s, Rogers, MN; Willow Creek Commons, Rochester, MN; National Market Center, Blaine, MN; Andover Station, Andover, MN

SCHOLL & MADSON, INC.
15050 23rd Avenue North Plymouth, MN 55447-4710
Tel: 952/546-7601
Fax: 952/546-9065
Email: mail@schollmadson.com
www.schollmadson.com
Established 1956
Contact: Thomas Schottenbauer, 952/546-7601

—
Other Office: Elk River, MN

—
Dana Swindler PE
Kenneth Adolf PE
Daniel Nickels PLS
Scott Harri PE
John Karwacki PE

—
Firm Personnel by Discipline
Civil Engineers 10
Landscape Architects 3
Other Professional 15
Technical 22
Administrative 3
Total 53

—
Civil engineering (commercial, residential, industrial, retail), municipal, site planning, landscape architecture, system studies, design and construction/contact administration. Land surveys, ALTA, CIC, GPS, Topographic, Construction and As-built. Wetland, natural resource service, environmental site assessments, GIS, regulatory compliance and permitting.

—
Continued on next column

SEBESTA BLOMBERG
2381 Rosegate
Roseville, MN 55113
Tel: 651/634-0775
Fax: 651/634-7400
Established 1994

Other Offices: Boston, MA; Chicago, IL; Ames, IA; Rochester, MN; Rosslyn, VA; Dallas, TX; Detroit, MI; Colorado Springs, CO; Shanghai PR, China

Contact: Brad Kafka, 651/634-0775

—
James J. Sebesta PE
Paul J. Blomberg PE
John A. Carlson PE
Dean R. Sharpe PE
Oleksa P. Breslawec PE
Tony R. Litton PE

—
Sebesta Blomberg is a specialty engineering and management consulting firm providing services to institutional, industrial, health care, energy and government markets nationwide. Services include: utility infrastructure modernization and optimization, building systems design and analysis, commissioning, LEED facilitation, sustainable support, architectural lighting, controls and automation, process engineering, power generation, transmission and distribution, facility management support, training and documentation, and construction services.

University of Minnesota Nicholson Hall, Minneapolis, MN; Department of Defense Commissioning - Pentagon, Arlington, VA; Partners Health Care 70 Francis Street Building, Boston, MA; Mayo Foundation, Stable and Eisenberg, Rochester, MN; Yale University School of Medicine Bio Med Lab, New Haven CT; Ohio State University Biomedical Research Tower, Columbus, OH

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JANUARY – FEBRUARY 2006 67
SHORT ELLIOTT HENDRICKSON INC. (SEH INC.)

Butler Square Building, Ste. 710C
100 N. 6th Street
Minneapolis, MN 55403
Tel: 612/758-6700
Fax: 612/758-6701
www.sehin.com
Established 1927
Contact: Danella Marshall-Oquendo, 612/758-6841

Other MN Locations: St. Paul, Minnetonka, St. Cloud, Brainerd,
Cannon Falls, Duluth, Virginia, Grand Rapids, Gaylord, Glencoe,
Rochester and Worthington

Other Locations: Chippewa Falls, Rice Lake, New Richmond,
Wausau, Madison, Appleton, Sheboygan and Milwaukee, WI; Chicago,
IL; Lake County and Gary, IN; Sioux Falls, SD; Cheyenne, WY;
Boulder, Denver, Grand Junction, Fort Collins and Pueblo, CO; Cedar
Rapids, IA; Houghton and Novi, MI; Omaha, NE

David Pilatke PE
Nancy Schultz AIA
Glenn Schreiner PE
Michael Kraemer PE
Steve Schreurs PE
Steve Gausman AIA

Firm Personnel by Discipline
Civil Engineers 230
Structural Engineers 11
Mechanical Engineer 3
Electrical Engineers 12

Other Engineers:
Environmental & Sanitation Engineers 23
Architects 24
Other Professional 130
Technical 258
Administrative 117
Total 808

Full-service professional consulting firm specializing in civil,
structural, electrical, mechanical, traffic, transportation,
environmental and waste resources engineering, architecture and landscape architecture; GIS; community planning and construction administration. Projects include municipal building, water, wastewater, highway, airport, flood control and industrial/educational/institutional sectors.

U.S. Fish and Wildlife Interpretive Center, Oak Harbor, OH; Mound Public Safety Facility, Mound, MN; Airport Control Tower, St. Cloud, MN; Fortune Bay Golf Resort Club

STEEN ENGINEERING, INC.
5430 Douglas Drive North
Crystal, MN 55427
Tel: 651/585-6742
Fax: 651/585-6757
Email: steen@steeneng.com
Established 1993

Mark R. Brengman PE
Steven M. Youngs PE
Eugene A. Striefel PE

Firm Personnel by Discipline
Mechanical Engineers 14
Electrical Engineers 11
Administrative 3
Total 28

Steen Engineering provides Mechanical and Electrical Engineering design from feasibility studies to preparing construction documents. Design experience includes corporate, municipal, medical, hospitality, institutional and retail. Providing HVAC, plumbing, fire protection, lighting, power distribution, life safety, automatic temperature control, energy analysis and design efficiency studies.

Buffalo Wild Wings, Nationwide; Swann's Distribution Center, Nationwide; Hotel/Motel Chains, Hilton Garden Inn, Holiday Inn, Marriott, Nationwide; Warner's Stellan Warehouse, St. Paul, MN; SMB Fire Station, Spring Lake Park, MN; Bonten Inc., St. Cloud, MN

STRUCTURAL DESIGN ASSOCIATES, INC.
10900 Noble Avenue N.
Champlin, MN 55316
Tel: 763/560-5300
Fax: 763/560-5400
Email: sda@sdaeng.com
www.sdaeng.com
Established 1989
Other Office: Brainerd, MN

Gregory J. Duerr PE

Firm Personnel by Discipline
Structural Engineers 5
Technical 3
Administrative 1
Total 9

Structural Engineers providing design, construction documents, reports, and construction administration services for projects in the educational, industrial (manufacturing, warehousing, equipment supports, and repairs), commercial, municipal, medical, and renovation fields. Services provided to Architects, Owners, Contractors, Developers and others.

Waconia Middle School, Waconia, MN; Buffalo High School, Buffalo, MN; Green Bay Packaging Addition, Wausau, WI; Conference Center for Andersen Windows, Bayport, MN; Redwood Falls Hospital Addition, Redwood Falls, MN; Brentwood Hills Apartments, Inver Grove Heights, MN

TKDA
1500 Piper Jaffray Plaza
444 Cedar Street
Saint Paul, MN 55101-2140
Tel: 651/292-4400
Fax: 651/292-0083
Email: info@tkda.com
www.tkda.com
Established 1910
Other Offices: Grand Rapids, MN; Aurora, IL
Contact: Christine Wiepert, VP Mktg./Bus. Dev., 651/292-4400

Richard N. Sobiech PE
William E. Deitner PE
Robert A. Boyer PE
Vincent T. Montgomery PE

Firm Personnel by Discipline
Civil Engineers 80
Structural Engineers 5
Mechanical Engineers 9
Electrical Engineers 6
Architects 10
Other Professional 21
Technical 67
Administrative 17
Total Staff 215

Planning, design, and construction engineering for mechanical, electrical, structural, municipal, water, wastewater, highway, bridge, railroad, aviation, architectural and landscape architectural projects.

Lockheed Martin Renovation, Eagan, MN; Hennepin County Recycling Center Expansion, Brooklyn Park, MN; Cinergy Biomass Cogeneration Facility, Saint Paul, MN; Northfield Southern 55th Street Yard Shop, Chicago, IL; Saint Paul College Trades Area Classroom Renovation, Saint Paul, MN; College of St. Scholastica Wellness Center, Duluth, MN

ULTEIG ENGINEERS
5201 East River Road, Ste. 308
Minneapolis, MN 55421-1027
Tel: 763/571-2800
Fax: 763/571-1168
Email: info@ulteig.com
www.ulteig.com
Established 1944
Other Offices: Detroit Lakes, MN; Fargo and Bismarck, ND; Sioux Falls, SD

Bob McCauley PE
Dan Sargeant PE
Walt Gregory RLS
Mark Sheehy PE
Todd McInerney PE
Loren Winters PE

Firm Personnel by Discipline
Civil Engineers 65
Structural Engineers 25
Mechanical Engineers 6
Electrical Engineers 21
Fire Protection Engineer 1
Registered Designer 1
Surveyors 59
Other Professional/Technical 76
Administrative 40
Total 292

Commercial/Electrical for electric, data, emergency power, and security systems; Mechanical Engineering for HVAC, automation/controls, temperature control and plumbing; FIRE Protection Engineering for protection and suppression; Structural Engineering for a variety of buildings and structures; Site Design for commercial and private development, parks, and sports complexes; Civil Engineering for water, wastewater, stormwater systems; Hydrology and Hydraulic Services; Municipal Engineering; Airports, Bridges and Transportation Engineering; Survey Services, including legal, topographic; ROW acquisition; construction staking; ALTA; GIS; plating; and underground utilities.

Village in the Park Senior Housing Building, St. Louis Park, MN; New Horizon Day Care Centers, Minneapolis Metro Area, MN; King Science Hall Addition, Minnesota State University at Moorhead (MnSCU System), Moorhead, MN; St. Joseph's Hospital, Brainerd, MN; Joint Use Facility, Moorhead/Clay County/MNDOT, MN; Bismarck Municipal Airport Terminal, Bismarck, ND

Continued on next column
VAN SICKLE, ALLEN & ASSOCIATES, INC.
2955 Xenium Lane North, Ste. 10
Plymouth, MN 55441
Tel: 763/559-9100
Fax: 763/559-6023
Email: stangeland@vansickleallen.com
www.vansickleallen.com
Established 1978
Other Offices: Hutchinson, KS
—
Richard Van Sickle
PE
Scott Stangeland
PE
S. (Shawn) Shahriar
PhD, PE
Keith Jacobson
PE
Gene Haldorson
PE
Bennie Jansen
—
Firm Personnel by Discipline
Civil Engineers 5
Structural Engineers 17
Technical 23
Administrative 4
Total 49
—
Structural and Civil Engineering services for commercial, corporate, educational, retail, government, health care, hotel, senior housing and parking facilities. Engineering and planning for industrial and agribusiness including food and dairy processing facilities; shipping and handling facilities; grain storage, handling and processing; ethanol facilities; manufacturing; and power plants.
—
Blaine National Sports Center, Blaine, MN; Tri-State Aggregate, Shakopee, MN; Dakota County Senior Housing, St. Paul, MN; Joint Apprenticeship Training Center, Maple Grove, MN; Ramsey Town Center, Ramsey, MN; New Guthrie Theater, Minneapolis, MN

WENZEL ENGINEERING INC.
10100 Morgan Avenue S.
Bloomington, MN 55431
Tel: 952/888-6516
Fax: 952/888-2587
Email: we@wenzelengineering.com
www.wenzelengineering.com
Established 1990
—
Lowell E. Wenzel
PE
Patricia A. Cole
PE
Jeff A. Segar
PE
Continued on next column
—
Firm Personnel by Discipline
Structural Engineers 4
Technical 1
Administrative 1
Total 6
—
Wenzel Engineering, Inc. is a Structural Engineering Firm dedicated to understanding and meeting our clients' goals. Our experience includes new facilities, renovations, additions, and investigations for commercial, industrial, public, retail, educational, religious and healthcare clients.
—
Fond du Lac Tribal College, Cloquet, MN; Soil Nailed Wall, Route 169, Clay County, MO; Island Station, St. Paul, MN; Continental Manor Nursing Home, WI; 5000 France, Edina, MN; St. Mary's Hospital, Detroit Lakes, MN

WESTWOOD PROFESSIONAL SERVICES, INC.
7699 Anagram Drive
Eden Prairie, MN 55344
Tel: 952/937-5150
Fax: 952/937-5822
E-mail: wps@westwoods.com
Established 1972
Other Offices: St. Cloud and Brainerd, MN
—
Dennis Marhua
PE
Dwight Jelle
PE
Martin Weber
LS
Paul Greenhagen
LS
Richard Wiebe
LA
Bruce Grivna
LS
—
Firm Personnel by Discipline
Civil Engineers 33
Other Professional 54
Technical 31
Administrative 8
Field Staff 51
—
Westwood is a Minnesota-based, full-service engineering consulting firm, specializing in land development, and providing planning, landscape architecture, surveying, civil engineering and traffic services to private and public agencies. Westwood was established in 1972, and now operates three Minnesota offices, with the headquarters in Eden Prairie and branch offices in St. Cloud and Brainerd, MN
—
Riverdale, Coon Rapids, MN; Super Targets, Lakeville and Blaine, MN; Evermoor, Rosemount, MN; Liberty on the Lake, Stillwater, MN; Cobblestone Lake, Apple Valley, MN; Minneapolis Traffic Operations Project, Minneapolis, MN

WIDSETH SMITH NOLTING
7804 Industrial Park Road
Baxter, MN 56425
Tel: 218/829-5117
Fax: 218/829-2517
www.wsn-mn.com
Established 1975
Other Offices: Alexandria, Bemidji, Crookston, MN; Grand Forks, ND
Contact: Timothy Moe, PE, 320/762-8149
—
Timothy Moe
PE
Don Anderson
PE
Tim Bayerl
PE
Dave Kildahl
PE
Paul Richards
AIA
Roger Helland
AIA
Kevin Donnay
AIA
—
Firm Personnel by Discipline
Civil Engineers 23
Structural Engineers 3
Mechanical Engineers 4
Electrical Engineers 1
Environmental Scientists, Geologists, Land Surveyors, Transportation Engineers 15
Architects 14
Construction Manager 1
Technical 61
Administrative 18
Total Staff 140
—
WSN is a fully-integrated engineering, architecture, land surveying and environmental services firm. Our engineering group includes: Civil - primarily municipal and water resources; Structural - project specific, industrial and bridges; Mechanical/Electrical - HVAC, plumbing and lighting. Our complete team solves a variety of design and construction issues from planning to completion.
—
ISD 181 Forestry View Middle School, Baxter, MN; Red Lake River Restoration and Habitat Improvement Project, Crookston, MN; 3rd Avenue Reconstruction, Alexandria, MN; Bagley Stabilization Ponds, Bagley, MN; Gordon's Bridge (No. 05333), Benton County, MN; Crow Wing County CSAH 20, Brainerd, MN

YAGGY COLBY ASSOCIATES
717 Third Avenue SE
Rochester, MN 55904
Tel: 507/288-6464
Fax: 507/288-5058
E-mail: info@yaggy.com
www.yaggy.com
Established 1970
Other Offices: Mendota Heights and Hastings, MN; Mason City, IA; Delafield, WI
—
Donald Borchering
PE, RLS
Chris Colby
AIA, CID
Scott Samuelson
PE
Jose Rivas
AIA
Robert Ellis
—
Firm Personnel by Discipline
Civil Engineers 45
Structural Engineers 2
Transportation Engineers 9
Geo-technical Engineers 2
Architects 5
Other Professional 40
Technical 51
Administrative 26
Total 180
—
Municipal, Transportation, Land Development, and Building and Site Services including grading and utility plans, storm water management, water and wastewater treatment and permitting, parking lots, traffic studies, geological and structural design, boundary and topographical surveys, construction grading, subdivision plats, ALTA's, agency permitting, landscape plans, wetland delineation, and environmental studies.
—
St. Bernard’s Catholic Church, Stewartville, MN; Mayo Clinic, Rochester, MN; Merchants Bank, Lakeville, MN; Gateway Terrace, La Crosse, WI; Menards South, Rochester, MN; Grandview Commons, Burnsville, MN
SRI LANKA COMMUNITY CENTER
CHARRETTE
Design team: Architecture for Humanity, Minnesota Chapter
Location: Monrovia Estate, Hikkaduwa, Sri Lanka
Client: Minnesota-Sri Lanka Friendship Foundation (MNSLFF)—Ananda (La) Liyanapathiranage; Mithula Perera; Nevanka Goonewardena; Becky Guneratne
Charrette participants: Jeffrey Swainhart, Allied AIA (Swainhart Construction); Rich Koechlein (URS Corp.); Cassie Neu (LHB); Tu-Anh Bui, Assoc. AIA (LHB); Maureen Ness, Assoc. AIA (LHB); Jess Roberts (LHB); Vicki Hooper, Assoc. AIA (HGA); Michael Nolan, Assoc. AIA (SmithGroup); Nick Woodard, Assoc. AIA (SmithGroup); Pei-Ling Ko (SmithGroup); Ben Sporer (Landform); Stephen Mastey (Landscape Architecture Inc.); Richard Venberg (Against the Grain Design); Sishir Chang (Pan-Asian Tsunami Healing); Katheryn Martenson (College of Architecture and Landscape Architecture [CALA], University of Minnesota); Patrick Lynch (CALA); Colin Kloecker (CALA)
Charrette sponsors: LHB; SmithGroup; Rich Koechlein; MNSLFF

CLARE APARTMENTS

Design team: Architecture for Humanity, Minnesota Chapter
Location: Monrovia Estate, Hikkaduwa, Sri Lanka
Client: Minnesota-Sri Lanka Friendship Foundation (MNSLFF)—Ananda (La) Liyanapathiranage; Mithula Perera; Nevanka Goonewardena; Becky Guneratne
Charrette participants: Jeffrey Swainhart, Allied AIA (Swainhart Construction); Rich Koechlein (URS Corp.); Cassie Neu (LHB); Tu-Anh Bui, Assoc. AIA (LHB); Maureen Ness, Assoc. AIA (LHB); Jess Roberts (LHB); Vicki Hooper, Assoc. AIA (HGA); Michael Nolan, Assoc. AIA (SmithGroup); Nick Woodard, Assoc. AIA (SmithGroup); Pei-Ling Ko (SmithGroup); Ben Sporer (Landform); Stephen Mastey (Landscape Architecture Inc.); Richard Venberg (Against the Grain Design); Sishir Chang (Pan-Asian Tsunami Healing); Katheryn Martenson (College of Architecture and Landscape Architecture [CALA], University of Minnesota); Patrick Lynch (CALA); Colin Kloecker (CALA)
Charrette sponsors: LHB; SmithGroup; Rich Koechlein; MNSLFF

MORA VASALOPPET NORDIC SKI CENTER

Design team: (left to right) David Salmela, FAIA; Souliyahn Keobounpheng, Assoc. AIA
Location: Mora, Minnesota
Client: Mora Vasaloppet Nordic Ski Center
Architect: Salmela Architect
Design team: David Salmela, FAIA; Souliyahn Keobounpheng, Assoc. AIA
Structural engineer: Bruno Franck
Contractor: Ben's Construction
Photography: Peter Bastianelli-Kerze

THEATRE DE LA JEUNE LUNE LOBBY RENOVATION

Design team: (left to right) Matthew Kreilich, Assoc. AIA; Melissa Pezuk, Assoc. AIA
Location: Minneapolis, Minnesota
Client: Theatre de la Jeune Lune
Architect: UrbanWorks
Photography: Ryan Sturtz

Construction team: Dan Loe; Molly Diers; Christopher Heilman; Mark Garcia; Steve Hath; Glenn Klapareich; Ruth Kostick; Kristen Larsen; Anna Meyer; Julia Reisinger; Roger Sundeen; Ben Trudeau; Amy Wortman
Photographer: Don F. Wong

THE CLEAN HUB
Client: Architecture for Humanity, Minnesota chapter—Jeffrey Swainhart, Allied AIA; Cassie Neu; Maureen Ness, AIA; Richard Koechlein
Architect: Shelter Architecture, LLC
Project architect: John Gavin Dywer, AIA
Consultants: GE Infrastructure; GE Energy; UN-HABITAT
Imagery: Shelter Architecture, LLC

"PETS AND PICASSO" DOGHOUSES
Client: Greater West Metro Humane Society and Hopkins Center for the Arts

UrbanWorks design team: (left to right) Todd Hoffmaster; Mike Kisch; Paul Olson, AIA; David Stahl, Assoc. AIA
Architect: UrbanWorks Architecture LLC
Project lead designer: David Stahl, Assoc. AIA
Project team: David Stahl, Assoc. AIA; Mike Kisch; Paul Olson, AIA; Todd Hoffmaster
Photographer: Joshua Jansen

Architect: DJR Architecture, Inc.
Principal-in-charge: Scott England, AIA
Project manager: Scott England, AIA
Project architects: Beth Pfeifer; Chris Whitehouse; Tom Parent; Rachael Parry; Susan Marks
Project lead designer: Beth Pfeifer
Project team: Chris Whitehouse; Tom Parent; Rachael Parry; Susan Marks
Millwork: Clear Cedar
Photographer: Ryan Sturtz

DJI design team: (left to right) Susan Marks; Scott England, AIA; Oliver; Chris Whitehouse; Tom Parent; Soledad; Rachael Parry; Beth Pfeifer and Bella
ST. PAUL CONSERVATORY FOR PERFORMING ARTISTS

Design team (left to right): Doug Pierce, AIA; Jennifer Somers; Melissa Thate; Paul Neuhaus, AIA; Todd Lenthe

Location: Landmark Center, St. Paul, Minnesota

Client: St. Paul Conservatory for Performing Artists

Architect: Perkins+Will

Principal-in-charge: Charles D. Knight, AIA

Project manager: Jennifer Somers

Project architect: Paul Neuhaus, AIA

Project team: Jennifer Somers; Doug Pierce, AIA; Todd Lenthe; Melissa Thate; Mark Nelson; Taressa Kreuger

Construction manager: Roger Purdy, Kraus Anderson Construction

Mechanical engineering team: Gene Sieve, Dunham Associates

Electrical engineering team: Bill Schweitzer, Dunham Associates

Code consultant: Michael O’Hara, The MountainStar Group

Structural engineering team: Brian Szwed, MBJ Consulting Structural Engineers

Millwork: Paul’s Architectural Woodcraft Company

Flooring systems/materials: Benson Carpets

Window systems: Minneapolis Glass

Doors and hardware: Twin City Hardware

Photographer: Andrea Rugg

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Correction to Directory of General Contractors Nov/Dec 2005 Issue

WATSON-FORSBERG CO.
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Tel: 952/544-7761
Fax: 952/544-1826
Email: cindyh@watson-forsberg.com
www.watson-forsberg.com
Established 1965
Total in MN Office: 40
Contact: Dale Forsberg, 952/544-7761

Watson-Forsberg Co. builds: commercial, multi-family, retail, religious, educational, medical and industrial projects. New Construction projects and renovation, ranging from $10,000 to $25,000,000 (not $25,000 as stated in the Nov/Dec ‘05 issue).
The American Swedish Institute Addition and Renovation

WHO: B. Aaron Parker & Associates | Metropeligo, Minneapolis

WHAT: A major expansion of The American Swedish Institute (ASI) that will accommodate ASI’s expanded mission and preserve the historic 1908 Swan Turnblad mansion. The new 50,000-square-foot Cultural Center, which will more than double ASI’s current space, is slated to include educational facilities, a 199-person performance hall (beneath the sinuous main roof), exhibition galleries, a library, archives, collections storage, and a restaurant and retail shops. A tunnel will connect the Cultural Center’s atrium lobby to the lower level of the mansion. ASI recently purchased the remainder of its block for use as gardens, festival grounds, and an artfully designed parking field.

WHERE: Minneapolis

WHEN: Construction of new addition, gardens, and festival grounds is anticipated for fall 2008
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