PRATT & LAMBERT PAINTS, EXCLUSIVE CALIBRATED COLORS IV FEATURED AT FRED G. ANDERSON, WHERE THE EXPERT ADVICE IS AS GOOD AS OUR PAINTS!

FRED G. ANDERSON, INC.
CORPORATE HEADQUARTERS
5825 EXCELSIOR BLVD. • MINNEAPOLIS, MN 55416
MINNESOTA 612-927-1812  NATIONAL 1-800-365-2222  FAX 612-927-1851

REGIONAL OFFICES AND SHOWROOMS
CHICAGO • MILWAUKEE • DALLAS • INDIANAPOLIS • KANSAS CITY • ST. LOUIS
Marketplatz Mall Shopped Around And Chose Wells.

**Single Source.** Wells gives you a total concrete system by designing, fabricating, and installing your building. **Quick Installation.** Concrete components can be precast during foundation preparation and assembled directly from the delivery truck. Your on-site construction time and your costs can be dramatically reduced. **Multiple Finishes.** Your options of patterns, textures, and colors are nearly limitless. Exterior finishes may be designed to achieve a specific color or effect. **Wells’ Advantages.** Over thirty years of experience, along with computer-aided drafting, an in-house engineering staff, and a team of highly trained craftsmen, ensure you a quality structure. Rely on Wells for a building that’s durable, energy efficient, fire-resistant, and flexible for expansion.

P.O. Box 308 • Wells, Minnesota • 1-800-658-7049
Investment Advisors - Hallway

Principle Fixture and Millwork, Inc.
P.O. Box 567
5175 260th Street
Wyoming, Mn 55092
Tel. 612-462-8931
Fax 612-462-8978

First Bank Place
Minneapolis, Minnesota

Columns, Mouldings, Wall Paneling, Casework
Materials: Maple Solids, Fabric Covered Wall Paneling
Reconstituted Birdseye Maple Veneer
Black Lacquer Painted Buffed Columns
Designer: RSP Architects  Photography: Bob Pei
THE MAGAZINE OF AIA MINNESOTA

5 Sketches

13 Previews

15 Practice

19 Up close: Outgoing AIA V.P. Jim Cramer, by Gayle Worland

21 Editorial: Housing crunch

22 Three new houses, reviewed by Robert Gerloff and Eric Kudalis

26 Hawaiian views

30 Norwegian whimsey

36 The affordable housing crisis: A round-table discussion

38 Streets of reality: Suburban development, by Frank Edgerton Martin, photography by Christopher Faust

42 Learning from the vernacular, by Robert Gerloff

44 Bleak house: A history of public housing, by David Anger

47 Tectonic living

75 1994 Directory of AIA Minnesota firms

99 Index of firms

103 Consultants directory

107 Advertising index

107 Credits

108 Lost Minnesota

Cover: A speculative house in Hawaii.

Architect: Mullinger, Susanka & Mahady Architects.

Photographer: Kevin Ircston.


Editor
Eric Kudalis

Contributing Editors
Bill Beyer, Steven Buetow, Jack El-Hai, Robert Gerloff, Camille LeFevre, Bruce N. Wright

Correspondents
John Albers, Tim Alt, Heather Beal, Bette Hammel, Janet Johnson, Harold Skjelbostad, Sara Stafford, Janet Whitmore

Graphic Design
Rubin Cordaro Design

Photographer
Don F. Wong

Advertising Sales
Judith Van Dyne

Circulation Distribution
Sarah J. Leslie

Publisher
Peter Rand, FAIA
Not just another pretty picture

In fact in many ways these durable prairie grasses and wild flowers represent a troubled environment. You see, too many of these gems have been traded for cornfields, bluegrass, asphalt and landfills. We are now left with a weakened, less diverse environment that poses our own global status at risk.

By restoring native plant communities to the built landscape you can help establish a better balance, doctoring the environment and ultimately ourselves. It can also be cost effective and esthetically sublime.

To find out how our ideas and materials can work into your site plans please call.

Prairie Restorations, Inc.
P.O. BOX 327
PRINCETON, MN 55371
612-389-4342

AIA Minnesota
A Society of the American Institute of Architects

Board of Directors
Alexander Ritter, AIA, President
Thomas C. Van Houwen, FAIA, President-Elect
Robert DeBruin, AIA, Secretary
Ronald Stanis, AIA, Treasurer
C. Jay Slettestad, AIA, Immediate Past President
William Beyer, AIA, President, Minneapolis Chapter
Harold Kiewel, AIA, President, St. Paul Chapter
Russ Betts, AIA, President, Northern Minnesota Chapter
Gail Andersen, AIA, Director
William Armstrong, AIA, Director
Steve Edwards, AIA, Director
Richard Engan, AIA, Director
John Klockermann, AIA, Director
Eldon Morris, AIA, Director
Steven Neill, AIA, Director
Christine Zagaria, AIA, Director
Harrison Fraker, FAIA, Director
Lisa Nelson, Associate Representative
Ray Delan, Student Representative
Duane Kell, FAIA, Regional Director
James Miller, AIA, Regional Director
Beverly Hauschild, Hon. AIA, Executive Vice President
Peter Rand, FAIA, Executive Vice President

AIA Minnesota Publications Committee
Janet Whitmore, Chair
John Twers, AIA
Tim Alt, AIA
Heather Beal
George Cady, AIA
Janet Johnson

Andrea Stephenson Konseldies
Carolyn Krall, AIA
Harold Skjoldstad
Sara Stafford
Jeffrey L. Walz

Editorial Advisory Board
Edward J. Kodet, FAIA
Michael Plautz, AIA
Kenneth Potts, AIA

Minnesota Architectural Foundation
James O’Brien, AIA, President
David Runyan, AIA, Vice President
Craig Rafferty, FAIA, Secretary
Robert Rietow, AIA, Treasurer
John Gaunt, FAIA
Frank Nemeth, AIA
Leonard S. Parker, FAIA
Ralph Rapson, FAIA
Julie Snow, AIA

AIA Minnesota Staff
Beverly Hauschild, Hon. AIA, Executive Vice President
Peter Rand, FAIA, Executive Vice President
Deanna Christiansen, Program Director
Ellen Jambois, Convention Sales/Public Relations
Doug F. Kooren, Financial Manager
Eric Kudelski, Editor
Sarah J. Leslie, Information Systems Director
Judith Van Dyne, Advertising Sales

AIA Minnesota
International Market Square
275 Market Street, Suite 54
Minneapolis, MN 55405
(612) 338-6763
Fax: (612) 338-7981

AQUARIUM DESIGNS INC
Custom Aquarium Installations

Residential • Commercial • Exhibits • Maintenance
Showroom Hours By Appointment
4240 West 76th Street • Edina, Minnesota • 55435-5109 • USA
(612) 831-8575 • (800) 213-8375 • FAX (612) 831-8642
Quality Aquarium Systems Since 1978
This convex/concave table, designed by Minneapolis architect Vince James, is a gem sitting delicately on its base. A steel base with black-oxide finish clamps to a cherry top. The concave steel connection helps minimize the impact of steel against wood, creating a light appearance that emphasizes the wood. The top tapers to one-eighth-inch edges. James's other furniture includes a coffee table, secretary and another small table.

Construction will begin this spring on a 15-story Minneapolis Federal Building-U.S. Courthouse across Fourth Street from City Hall downtown. Designed by Minnesota native William Pedersen of Kohn Pedersen Fox in New York, the 494,000-square-foot, granite-and-pre-cast building is being developed by an affiliate of BPT Properties in Washington, D.C., with The Alliance of Minneapolis as associate architects. The $91.5 million structure will house courtroom and office space for the U.S. District Court, the U.S. Bankruptcy Court and related judicial and executive agencies, including the U.S. Attorney. Special features include a 40,000-square-foot public plaza facing City Hall. Completion is slated for summer 1996.
UNEQUALED SYSTEMS

Unique Carlisle Roofing Systems... People... Working For You

By specifying a unique Carlisle commercial/industrial single-ply roofing system, such as our Mechanically-Fastened System, you benefit two ways. First, you are the beneficiary of a first-class system, and secondly, you have Carlisle's unique team of design, research and quality control people working for you. Carlisle's focused design staff produce user-friendly specifications and details and supply in-depth systems' information for you. One mission of Carlisle's talented research personnel is to make sure all products work in harmony within the system, making your job easier.

Intelligent manufacturing people are dedicated to the production of higher quality membranes for all Carlisle systems. Installation quality of these same systems is verified for you and your clients after installation by our renowned technical representatives.

Specify one of Carlisle's Unequaled Systems with its unique back-up team of experts and participate in The Carlisle Difference.

Contact your local sales representatives for additional information or call, toll free – 800-233-0551; in PA 800-932-4626; in Canada 416-564-5557.

Pictured from left:
Alan Thornburgh, Manufacturing Quality
Sue Adams, Design and Review
Bill Reisinger, Installation Quality
Bill Schneider, Research and Development
Hot off the presses

In *The Ecology of Commerce: A Declaration of Sustainability*, Paul Hawken examines the negative impact a profit-driven economy has on the environment. Not necessarily against big business, Hawken believes commerce and ecology can and should work hand in glove. While Hawken tells us that every commercial venture in the industrial world degrades the environment, he calls for a system where the opposite is true, where our search for commercial profit works toward sustaining the planet. The author offers suggestions for reducing environmental degradation and encouraging green progress. Hawken is the author of *The Next Economy and Growing a Business*, and co-author of *Seven Tomorrows: Toward a Voluntary History*. He has founded several businesses, including the Smith and Hawken catalog company. *The Ecology of Commerce* is published by HarperBusiness, a division of HarperCollins Publishers.

Now in a revised edition, *Architects on Architecture: New Directions in America* has become a classic in modernism since its publication in 1966. The book is unique in that the story of modernism is told in the voices of architects who made 20th-century modernism a driving force that has affected all aspects of our daily lives. Author Paul Heyer's interviews reveal the philosophies, values and aesthetic sensibilities of more than 40 architects. Among those featured are Ralph Rapson, Walter Gropius, Paolo Soleri, Le Corbusier, Mies van der Rohe, Eero Saarinen, I.M. Pei, Frank Lloyd Wright and Buckminster Fuller. President of the New York School of Interior Design, Heyer is the former dean of the Pratt Institute's School of Architecture and is the author of *American Architecture: Ideas and Ideologies in the Late Twentieth Century*. *Architects on Architecture* is published by Van Nostrand Reinhold.

*Frank Lloyd Wright and Japan*, by Kevin Nute, examines the influence Japanese art and architecture had on the architect's early work by looking at eight specific art forms, from woodblock prints to publications and individual buildings. Through text and graphics, the book compares Wright's perception of traditional Japanese art and architecture to his own organic design principles. We learn how Wright brought together disparate forms and ideas to create a synthesis that became uniquely his own. Wright himself, however, would beg to differ with the author and other theorists, claiming that Japanese art had no direct impact on his creative process. Well, see for yourself. Nute has practiced architecture in London, Hong Kong and Singapore, and was a Fulbright Scholar at the University of California at Berkeley and a Monbusho Research Scholar at the University of Tokyo. *Frank Lloyd Wright and Japan* is published by Van Nostrand Reinhold.

As highways and suburban office parks continue to swallow the landscape, the need for sound urban planning is ever more relevant. In *Urban Design: The American Experience*, Jon Lang calls attention to the efforts of designers who are creating livable, enjoyable and inspiring built environments. Urban design, he says, must be user oriented to achieve a higher quality of life in our cities. The author reports on the 20th-century's major urban-design efforts, from the City Beautiful movement through post-World War II urban design, examining the key factors that led to the development of our cities in the modern car-dominated era. Lang is a professor of architecture at the University of New South Wales in Sydney, Australia and director of urban design of the Environmental Research Group in Philadelphia. *Urban Design* is published by Van Nostrand Reinhold.

*Designing America: Creating Urban Identity*, by Joel B. Goldstein and Cecil D. Elliott, discusses how urban spaces are designed, financed and developed in America. More than 200 photographs, illustrations and maps accompany numerous case studies of successful projects that have transformed underutilized and sometimes hostile urban areas into vibrant spaces. The authors zero in on the small projects that often get overlooked. Historic perspectives are weighed against current conditions and future needs as the authors suggest ways to improve the urban environment. Goldstein is a professor of city and regional planning at the School of Urban Design and Public Affairs at the University of Texas at Arlington. Elliott is emeritus professor and former chair of the architecture and landscape architecture department at North Dakota State University. *Designing America* is published by Van Nostrand Reinhold.
In recognition of the recent retirement of Frederick Bentz, FAIA, the principals and staff of FREDERICK BENTZ / MILO THOMPSON / ROBERT RIE Tow, INC. proudly celebrate our 23 year collaboration and reaffirm our commitment to the high standards of Professionalism, Quality Design and Exemplary Service upon which the firm was founded.

Clients from 1971, many on a repeat basis, include:

Dayton Hudson Properties
Dain, Kalman & Quail, Inc.
Knutson Company
Dayton Hudson Corporation
Minneapolis Public Housing Authority
St. Olaf Catholic Church
Concordia College
Kindy Optical Company
Whitney Land Company
State of Minnesota
Platt, Tschudy, Norton & Co., Inc.
Gary and Susan Rappaport
Swanson Abbott Development Company
University Retired Professors
St. Croix Lutheran High School
General Growth Companies
Webster Intermediate School
Dain Realty
Prince of Peace Lutheran Church
Marguerite and Don Harvey
Nekoosa Elementary School
U.S. Postal Service
Peek & Peek

White Bear Lake United Methodist Church
Christina Zank
Minneapolis Board of Education
Towle Company
Title Insurance Company of Minnesota
Minnetonka United Methodist Church
University of Minnesota
University of Minnesota - Duluth
Minong Elementary School
St. Stephen's Lutheran Church
Bernis Company, Inc.
Towle/Title Insurance Company
Minnesota Federal
Platt Investment
Immaculate Conception Church
Beautiful Savior Lutheran Church
Tempel Israel
First United Methodist Church
NAPCO
Holy Name Church
Powderhorn Development Corporation
Woodbury Baptist Church
Johnson Institute
Paul and Doris Olsen
Atonement Lutheran Church
L.L. LeJeune Company
St. Luke's Lutheran Church
Fine Associates
Minneapolis Community College

Blandin Foundation
Good Samaritan United Methodist Church of Edina
Minneapolis Public Library System
Bruce and Judith Fennebaum
Lowertown Redevelopment Corporation
Stephen and Ann Pflaum
Forsythe Associates
St. Paul's Lutheran School
Center Companies
Metropolitan Corporation
Minnesota Valley Lutheran High School
Church of the Holy Name
Bennis Company
John and Susan Crossman
Minneapolis Park & Recreation Board
Northwestern National Bank
Larry and Jean LeJeune
Linda and Warren Mack
Grandma Gebhard's
Richard Swanson
Lynn and Lola Donohue
Citizen's Bank

St. Joseph the Worker Catholic Church
Wayzata Country Club
Bismarck United Methodist Church
Westwood Lutheran Church
Embassy Suites
City of Minneapolis
Radisson Hotels
Westminster Presbyterian Church
Corporate Property Investors
Ruhl/Paragon
Kunz Concrete
Babyota/Taylor Construction
Hennepin Co-op
Pomme Development
St. Ansgar School
Unity Church
Winton State University
Gary Oberbender
Itasca of St. Mary
Benedict Home
Waconia Lutheran Church
Steve and Mary Wallace
Hutchinson Schools
Thomasson Lohmann
Junior Companions

Dayton's Marshall Field's Hudson's
Hamline University
Norwest Bank
Wooddale Church

Metropolitan State University
City of Farmington
Michael and Diane Feldman
Myron and Ahtia Kunin
Barberg Associates
Baxter's Books
Hope Presbyterian Church
LaCorte Inn
Russell Dalsin
American Public Radio
City of St. Paul Planning Department
Hogaards, Inc.
Tipton Lakes Co
Investors Savings Bank
St. Anthony Main, Ray Harris
Horst & Friends, International
Aveda Corporation
City Hall, City of Rochester
Gathered Church of St. Mark
Kenne B售
St. John's University
Minneapolis Technical College
Minnesota Historical Society
St. Luke's Church
Central Lutheran Church
Bethel College
Besta Techniques
Susan Pease and Torn Mensing
Auora, St. Anthony Area Block Club, Inc.
Perry Schwartz
McGarrigle Agencies
Granada Royale Estates, Robert Wocley
Conner's Moore
Fernald Properties
Philadelphia
Reigning Center Partners
City of Chaska
Moenyn Inc.
M. Divo
Speech Development
Beyco Developers
Andrew and Kathleen Scott
Out Town Restorations, Inc.
Bradyton Development
Dawn McCurry
L. P. Wegner, Alberta United Methodist Church
Randy Gienow
Loud and Mac Hoog
Hennepin County Library System
Stuebtadt Hennepin Regional Park District
Minnesota School for the Blind and the Physically Handicapped

2600 FOSHAY TOWER, MINNEAPOLIS, MN 55402 612/332-1234
Frederick Bentz  A retiring architect looks back on 46 years in the profession

Things change. Some things, however, stay the same. Frederick Bentz, a founding principal of the Minneapolis architectural firm Frederick Bentz/Milo Thompson/Robert Rietow, Inc., believes young architects still need basic training that can only be gained through a strong mentor.

“The mentoring process is going to remain important to young architects,” says Bentz, noting that formal academic work is only the beginning of the architectural training process. “Young architects must spend time with those architects who have contributed to the profession.”

Now retiring from a profession that has seen enormous changes since he graduated from the University of Minnesota’s architecture program in 1948, Bentz cites Minneapolis architect Robert Cerny as one of the strongest influences in his career.

“Cerny was instrumental because he was one of the first in the community to emphasize the need for strong marketing,” Bentz says.

Back in the late ’40s architecture was just coming out of the doldrums of the Great Depression and Second World War. Marketing was not a paramount business consideration because there was nothing to market. The construction industry had virtually screeched to a halt with the 1929 stock-market crash. Architects found some work through federally sponsored programs, but for the most part they had lots of time on their hands.

Bentz says that after the war, architectural firms were fairly casual. Business was drummed up through word of mouth. Clients, who hadn’t built a school or office building in 20 years, lacked sophisticated knowledge of the building industry. For that matter, many firm principals lacked real experience.

All that was to change. Modernist principles, espoused by the likes of Mies van der Rohe and Walter Gropius, came ashore. A new prosperity was bubbling up and the building industry took off.

“We didn’t have specific training to respond to modernism at the time,” Bentz says.

He notes, however, that U of M was one of the first architecture schools in the 1940s to abandon the Beaux-Arts system and embrace modernism. Minnesota fully endorsed modernism with the arrival of Ralph Rapson as head of the architecture program in 1954.

Bentz began his career with one of the Twin Cities’ oldest and most established firms, Long & Thorshov, which at one time had been known as Long & Kees and eventually became Thorshov & Cerny and then The Cerny Associates. During the late 1940s, Bentz says, Cerny was conducting a “one-man crusade to develop an interest in contemporary architecture in the Twin Cities.”

Bentz worked in Cerny’s office under a number of positions. Finally in 1971, he teamed with Milo Thompson and Robert Rietow to form their own firm.

The design process, Bentz notes, has become more complex over the years. The days of the master architect are long gone. Instead, the design team is comprised of a series of experts, from architects to engineers, energy-efficiency experts, lighting consultants, contractors and others. “Buildings have become much more complex because of advanced technology,” Bentz says. As a result, many firms are forming collaborative teams with other architectural firms and engineers to maintain a competitive edge. Firms with different strengths complement each other on projects.

The down side of a more diverse design team is that the architect can get lost in the shuffle.

“Things will continue to get increasingly competitive over the years,” Bentz says, “and we need to find ways that will ensure architects of their appropriate role in the design/construction process. We need to continue to expand our skills to lead the management team.”

Despite the move toward specialization and collaboration, Bentz says that the architect is still the generalist on the design team, the one who has the overall vision of a particular project.

To remain competitive, the architect must look for ways to get involved in the community, business world and political power structure.

“Community service is important,” Bentz says. “It can only help your practice and help increase the architect’s public visibility.”

Eric Kudalis
It looks less like a bank and more like an English country manor. But the charm of the Investors Savings Bank belies the challenges its design and construction presented. Particularly to Marvin Windows and Doors.

For one thing, fast-track construction scheduling was necessary due to constantly evolving design constraints. For another, it wasn't until thermal efficiency, condensation resistance and aesthetics were factored in that wood was chosen over aluminum. Consequently, Marvin wasn't selected for the job until construction was underway, making manufacturing and delivery deadlines extremely tight.

But Marvin's biggest challenge proved to be the building's three massive window and door assemblies, the largest of which measures 28 feet wide by 30 feet high. Using a combination of sturdy Magnum Double-Hungs and French Doors, Marvin not only built them on schedule, but also engineered them prior to delivery to guarantee they would withstand the strong, prevailing winds off the lake. And, like all 177 of the bank's other made-to-fit windows and doors, they were built with features designed specifically for the project. Features such as authentic divided lites, interior windows and doors glazed to match those on the exterior and a durable, factory applied finish in two complementary colors; Midnight Teal for the sash
and Graphite Grey for the frames. Shortly after its completion, Investors Savings Bank was named the NAIOP Build To Suit Building of the Year. Which just goes to show that paying extra interest can result in some handsome dividends.

If your new construction project needs special attention or you've got a window design problem you just can't solve, call the one company you know will have the right solution. Call Marvin Windows and Doors at 1-800-346-5128 (1-800-263-6161 in Canada). Or mail the coupon for a free catalog featuring our entire line of made-to-order Marvin windows and doors.
Now Cedar You Can Trust from a Source You Can Trust!

Why CedarPro®? Says Builder Jeff Gustafson:

"Stunning! Inviting! Home! That's what my clients think when they see a home as striking as my Parade of Homes entry. We used CedarPro® Brand 5/4x8 Newport Thick Butt Rabbeted Select Knotty Cedar Siding finished with Penofin Brand Transparent Cedar penetrating oil finish.

"While CedarPro® is affordable for even the most modest applications, its versatility permits its use on homes that satisfy upper bracket buyers like mine.

"Thanks to Canton's once again, we enhanced our great product with its great product – CedarPro®."

Project: Gustafson & Associates, Edina, MN
Parade of Homes Entry
Life's small pleasures; life's little surprises: They make it all worthwhile. For Minneapolis architect Sarah Susanka of Mullinger, Susanka & Mahady Architects, those small pleasures and little surprises came with a phone call from Hawaii one April day in 1990, as Minnesota's winter was still clawing on.

Eric Johnsen, a craftsman and woodworker living in Hawaii, had seen a Susanka-designed house in a building magazine. He and his business partner, Darrel Kloninger, were smitten and wanted Susanka to design a similar house for them, which they would then market on speculation. The Minnesota house they liked had plenty of windows, and they wanted the
Everyone needs to live somewhere. Unfortunately, many people live nowhere—unless you consider huddled in doorways or stints in overnight shelters as somewhere. In a nation as prosperous as the United States, millions of Americans are going without shelter. Some surveys estimate that more than 4 million people are homeless across the country. Other surveys put the figure at 7 million. In the Twin Cities, approximately 30,000 people use shelters each year. In addition, ripples from the recession leave people dangling on the precipice of being homeless.

We hear a lot about affordable housing, but defining affordable housing is tricky business. Individual circumstances vary. Broadly, affordable housing costs no more than 30 percent of a renter’s or home owner’s income. Thirty percent can get you a lot if you make $100,000 a year. For those living at or below the poverty level, 30 percent can get you a hole in the wall. As federal support for subsidized housing dwindled through the ’80s, the nation’s poor coughed up a higher percentage of their income on housing—sometimes 50 percent or more.

Recently the Federal National Mortgage Association (Fannie Mae) announced that it will boost its financing of homes for low-income families, minorities, immigrants and people with needs to $1 trillion by the year 2000. Nearly 10 million people stand to benefit under the new plan dubbed “Showing America a New Way Home.” A government-chartered private company, Fannie Mae has provided financing for millions of homes since its inception in 1938.

The housing crisis, however, goes beyond accessible mortgages with low down payments. Many people are not in the position for any kind of housing loan when they lack a decent job that pays a living wage.

Henry G. Cisneros, Secretary of the U.S. Department of Housing and Urban Development (HUD), is readdressing housing issues overlooked during the Reagan-Bush years. Cisneros recently talked to a group of 250 architects at a national conference called “Secure and Livable Communities: Crime Prevention Through Environmental Design.”

“At HUD,” Cisneros said, “we recognize that to revitalize public housing it must be redesigned—architecture and environmental design make a profound difference in people’s lives....they are absolutely crucial for improving the general quality of life and for lifting the human spirit. Efficiency and beauty, functionality and aesthetics—these have always been the twin purposes of good design.”

Cisneros is right about good design. Good design raises the human spirit, just as bleak design pummels the spirit. The failures of such large-scale public-housing projects as Cabrini-Green in Chicago and Pruitt-Igoe in St. Louis are attributed, in part, to bad design, design that relegates the poor into urban ghettos of despair.

Cisneros further says that good design alone cannot solve housing problems. Solutions must be tied with economic and social changes—“community empowerment,” as President Bill Clinton says.

Traditionally, Minnesota architects have been involved in designing low- and moderate-income housing. *Architecture Minnesota* recently held a round-table discussion (see page 36) in which architects considered their roles in designing affordable housing. Many are doing what Cisneros wants—designing housing that raises the spirit. But as one round-table participant stresses, there isn’t much architects can do to lower construction costs without jeopardizing quality.

Decent, safe, affordable housing requires more than good design and the good will of architects. It requires money—money that is in short supply. Architects don’t hold the purse strings. To have impact, architects must work closely with government agencies, nonprofit organizations and neighborhood groups to address housing needs and scout different venues for funding. Architects must be more than designers—they must become advocates for affordable housing and a voice for the poor.
"We wanted...the structure) to tie into other buildings at the University, so we used a color of brick found on the adjacent structure, plus two other colors predominant on campus. The patterning of the brick draws from the Scandinavian tradition of enlivening utilitarian structures with color and pattern, creating visual interest during the long northern winters."
- Loren Alls, AIA, Project Designer
- Hammel, Green and Abrahamson, Inc., Minneapolis
- Photography: Tom Hlasaty

"Brick was chosen as the primary facing material...for all the long established, practical advantages; durability, low maintenance and cost effectiveness. Equally important...were the major aesthetic benefits...Brick was consistent with the surrounding context. The inherent design flexibility of unit masonry coupled with the available ranges of color and texture ensured us that Burnsville Marketplace would indeed age with interest."
- John Gould, AIA, Director of Design
- KKE Architects, Inc., Minneapolis
- Photography: Lea Babcock

"We selected brick for this project both to emphasize the horizontality of the design and to root the building firmly into its site. Brick connotes permanence and stability, while its modular form gives pattern to otherwise unrelieved surfaces."
- Sarah Susanka, AIA–Mulfinger, Susanka & Mahady Architects
- Photography: Peter Kerze
By Gayle Worland

Businessman, author, preservationist, publisher—James Perry Cramer is astonishingly versatile. And that’s what he wants American architects to be.

In the decade since he left Minneapolis for AIA headquarters in Washington, D.C., Cramer has seen the role of the architect become more diversified, more challenging and potentially more rewarding. “The pace of change is so rapid today,” says Cramer, who on Sept. 1 will end his six-year tenure as executive vice president and CEO of the American Institute of Architects. “Flexibility is very important.”

The 46-year-old Cramer moved to the capital in 1982 after four years as executive vice president of AIA Minnesota. After transforming the AIA Journal into Architecture magazine and launching the highly successful AIA Press, he served as the AIA’s senior vice president and deputy CEO from 1985 to 1988, when he moved into the institute’s top spot. Now, as winter sunlight floods through the windows of his spacious Washington office, Cramer speaks eloquently about the future—the future of architecture, the AIA and his own career. Much of this vision is expressed in Leadership in Architecture, the working title of his first full-length book, to be published in September. The book will feature “successful practitioners” of the profession, he says, including several renowned Minnesota architects.

It will also include material from Cramer’s monthly column in the AIA Memo newsletter. One excerpt helps summarize his overall philosophy: “Our times call for miracles as we try to be better stewards of our greatest resource—the planet on which more and more of us dwell," he writes. "And who is in a better position to make the unusual, the extraordinary, the miraculous into standard practice if not the architect working with planners, other design professionals, public officials and, most importantly, the public?""

“Architects are individual thinkers, and they like their independence,” Cramer explains. That entrepreneurial spirit is crucial in today’s economic climate—but so is a dedication to cooperation. Architects have to build “key community relationships…and be a real business partner with the community and the client,” he says, adding that it’s the architect that people are looking toward to take more responsibility. With more responsibility come better fees, better compensation, more security and less uncertainty.

“With a broader interpretation of services that architects can provide, architecture becomes placed at the center rather than the margins of the construction industry,” he explains. “This becomes critically important to the future of the profession.”

Although “enlightened” clients understand the value of good design, architects likewise must respect the client’s needs, and create a building that can adapt to its occupants for decades down the line. “We used to recognize individual buildings as if they were sculpture,” Cramer explains. “The client wants a space to conduct business. From the client’s point of view, architecture is a means to an end.” So the architect must provide a solution—as well as a vision.

Of course, money is a factor. “Profit,” Cramer insists, “is not a dirty word.” Today’s successful architectural firm is more capital intensive (and less employee intensive) than in the past. For example, while only 25 percent of firms had computers a decade ago, he says, today 98 percent are dependent on computer technology.

To excel, today’s architects must heed four principles: stay optimistic, be innovative, maintain solid business practices and foster good relationships within the community.

Continued on page 68
Take control of your design from concept through construction. With colors, aggregates, custom shapes and finishes that reach the limits of your imagination, precast concrete from Spancrete Midwest Co. gives you the tools to finish what you start.

Our comprehensive line of quality products, with custom architectural shapes, insulated panels, hollow-core plank, double tees, beams and columns allows you to create a complete building. Our professional assistance in design, samples, product engineering, plus our modern enclosed production facility and erection capabilities create the full-service value you get only from Spancrete Midwest Co.

Join the movement to the newest and fastest-growing building materials—precast concrete from Spancrete Midwest Co. Call us and we'll tell you all about it.

Architectural & Structural Precast Concrete
Maple Grove, MN • 612-425-5555
"Serving the Architectural, Engineering and Construction Communities Since 1945"

**REPROGRAPHICS**
- LARGE & SMALL FORMAT
- COLOR COPIES
- SCANNING/CAD CONVERSIONS
- PLOTTING SERVICES
- QUALITY PRODUCTS
- EXCELLENT SERVICE
- COMPETITIVE PRICES

[612] 374.1120  [800] 328.7154
1401 Glenwood Avenue
Minneapolis, MN 55405

---

*Limited resources, unlimited possibilities*

At Braun Intertec, we know effective management of these resources begins with good information and planning. Through design, engineering, remediation and research, we develop timely and cost-effective solutions to meet the complex scientific and engineering challenges faced in the built and natural environments.

Give us a call at 612-941-5600.
It's Coming!

EXHIBIT!

November 8, 9, 10, 1994

Call 612-338-6763

AIA Minnesota's
60th Annual Convention & Products Exposition
Minneapolis Convention Center
Minneapolis, Minnesota
How do architects determine fees?

Typically architects look at the level of involvement. For instance, if the architect is just doing programming, the fee is structured differently than if the architecture firm is involved all the way through a project, from programming to schematic, construction and interior finishes. Percentage of total construction cost is considered in determining fees. Architects also determine fees based on how many consultants are involved—engineers, lighting designers, energy-efficiency experts, etc. A firm’s expertise in a particular building type also affects fees. The more complex the project, typically the higher the fee. If it’s a high-design project that’s going to be difficult to resolve, the fee will reflect that.

Are many clients surprised by architects’ fees?

Sometimes. It depends on how often clients work with architects. A school district that hasn’t built a new facility in 20 years may be unaware of fee structures. A corporate client who frequently uses architects for various facilities is more aware of fees. Most clients, however, don’t understand what architects do. Architects have to do a lot of education about the various phases of the project—whether it’s programming, design, construction documents or construction administration.

Are there industry fee standards? If not, should there be?

Various industries have fee ranges. The state of Minnesota has a fee guideline for state-funded architecture projects, which typically are a percentage of construction costs. Often these guidelines are outdated and don’t fit into the complexity of build-
Integrity.

To learn more about how the quality of Andersen teamed with the pmdifference can help you with your design challenges, call 612/631-2211, Wats 800/672-0933 or 800/328-0848. Brad Gregerson, CSI Architectural Representative.

This window also fights the weather with both sash weather-stripped on four sides, creating a tight seal all the way around. The results: a combination of Andersen® beauty, style, energy-efficiency and convenience.

Pacific Mutual Door Company has created a team – Andersen's beauty and quality, and our professional, well-trained, dedicated sales representatives and architectural specialists. We back that team with highly skilled, veteran personnel in our Andersen setup shop to insure that the products we provide meet the most demanding specifications. That's the pmdifference.
Frank Lloyd Wright:
The Museum of Modern Art
New York City
Through May 10

Public interest in America’s most famous architect shows no sign of letting up as books and museum shows continue to chronicle Wright’s work. With more than 500 works, this exhibition reveals the depth and range of expression in Wright’s architecture, offering an opportunity to explore every phase of his 70-year career. The show presents 190 of Wright’s buildings, from the famous to the obscure. Included are 350 original drawings, 30 scaled models, six full-scale wall constructions, 126 photographs, and selections of such architectural fragments as windows and decorative concrete blocks.

For more information, call the Museum of Modern Art at (212) 708-9750.

New Works by James Henkel
Carolyn Ruff Gallery
Minneapolis
Through May 14

Light and dark suggest an interplay of image and reality in Henkel’s photos. The natural, real world of sand, snow, light and water are recorded in an elusive, ephemeral moment evoking subtle meaning. Henkel has taught art at the University of Minnesota since 1976. His work is found in the collections of the Walker Art Center and the George Eastman House Museum in Rochester, N.Y.

For more information, call (612) 338-8052.

Steven Erickson: New Paintings
Carolyn Ruff Gallery
Minneapolis
May 21–July 2

St. Paul artist Erickson challenges the viewer to reexamine such themes as good and evil, innocence and shame in this exhibit of his paintings. Erickson recently received a master’s degree in fine arts from the University of Iowa.

For more information, call (612) 338-8052.

Design and Human Bodies
International Design Conference in Aspen
Aspen, Colo.
June 12–17

The 44th annual Aspen design conference will explore the relationship between design and the human body. Chaired by fashion designer Alexander Julian, the conference breaks into four themes: Design of Human Bodies; Design for Human Bodies; Design with Human Bodies; and Design Instead of Human Bodies. The diverse roster of speakers includes Dr. Deborah Prothrow-Stith, assistant dean of the Harvard School of Public Health; Witold Rybczynski, architectural critic and author of Home; Gwen Verdon, dancer and choreographer; and Peter Schneider, president of Walt Disney Feature Animation. As usual, the morning and evening will contain general presentations, with workshops and small-group discussions held in the afternoon. The popular “Anatomie Cafe” will allow informal conversations between the guest speakers and the conference attendees. The film series, organized by the Film Society of Lincoln Center, will pursue how the body is used in cinema.

For registration information, call (303) 925-2257.

Art as Activist: Revolutionary Posters from Central and Eastern Europe
Frederick R. Weisman Art Museum
University of Minnesota
Minneapolis Campus
Through May 22

On display are 82 posters—many retrieved directly from public sites during eastern and central Europe’s recent revolutions and political upheavals. Most of the posters were made in 1989 and 1990, both by prominent and unknown artists. The posters provide insight into the region’s complex social and political changes. A 160-page illustrated catalog accompanies the show.

For more information, call (612) 625-9494.

1994 Summit Hill House Tour
St. Paul
May 22
Noon–6 p.m.

Seventeen houses in one of St. Paul’s most historic neighborhoods will be open to the public. Among the previewed houses will be the James J. Hill house. Many of the houses have been restored and updated for modern uses, while others have been renovated as they were originally built. Tickets are $8 in advance and $12 on the day of the tour.

For more information, call the Summit Hill Association at (612) 222-1222.

Continued on page 66
same to take advantage of the Hawaii views, in this case five dormant volcanoes and 180-degree ocean views.

Susanka walked the site with her clients, making sketches and discussing how to orient the house and make modifications appropriate to Hawaii. The living room, dining room and porch would retain similar proportions of the Minnesota house, thus making it easy for Susanka to mentally visualize the house. New to the program: a two-stall stable with garage and studio apartment.

For Susanka, the commission offered a prime opportunity to revisit and revise an earlier design, and to improve upon a house she already liked, but about which
she had some qualms. For instance, in the Minnesota house Susanka was dissatisfied with the fireplace, which she says looked like a huge exclamation point over the 2-story living-room wall. Such qualms she could now change.

Over the next several months, Susanka went about reworking her designs. She decided to orient the entry/dining room axis toward Maui, which projected the image of a mountain. The cross axis through the porch aligned with Hualalai, one of the dormant volcanoes. She removed the basement, broadened the eaves to further reflect this expansive island landscape, lowered the roof pitch and moved the guest room to the main level. The second level became a single all-purpose “special-interest” room, which overlooks the living room and kitchen. As for that fireplace, she designed the wall above the mantle to accommodate art—in this case, a 17th-century Chinese scroll. Wood trim defines the scroll’s exhibit area.

Susanka was aware that a great house needs more than great views. Rhythm, scale and detailing play prominent roles. Window groupings, such as the upper transom windows clustered in threes, further enhance the house’s unified logic. When windows wrap around corners, rooms seem bigger because of multiple views. With 108 exterior windows and doors, the 3,600-square-foot house draws the island in from all angles. Views also cut through the house, bringing into focus other rooms and exterior vistas. In the informal eating area, for instance, you can look through the hallway to the living room and out the corner window to Haleakala.

Varying ceiling heights add intimacy and grandeur when necessary. The highest ceiling is in the living room. In the kitchen, which is a small room with a high ceiling, a lattice hangs above the kitchen island to provide shelter and more intimate scale without obstructing views of the upper level, which overlooks the kitchen.

Susanka chose materials that relate the house to its site, and relate inside to outside. The exterior stone base is indigenous lava rock that anchors the red-wood-sided structure to its locale. Rough-textured, 2-by-2-foot slate tiles covering the entrance patio continue inside the foyer and hallways as 1-by-1-foot slate tiles. Polished granite, which complements the slate tones, highlights the fireplace and special display niches. Extensive white-ash banding unifies the different rooms while creating a horizontal order to the untouched landscape beyond. Other wood detailing includes red oak for floors, doors, cabinets and select light fixtures. Art-glass marking the front door continues the horizontal patterning established by the trim.

For Susanka, the opportunity to rereck an original design proved a creative exercise in combining architecture, art and craftsmanship with nature. That’s prime real estate.
David and Patty Schall were always hobby-house browsers. On Sunday afternoons, they would poke around open houses to see just how green the grass was over the fence. Usually what they saw never particularly clicked with them. At least not until they happened upon some vacant land overlooking a pond in Edina. They settled on a corner of an 11½-acre tract, and the design wheels started turning.

David, an executive recruiter, began searching for an architect the way he would place a job candidate. The couple interviewed numerous architects and firms before settling on Meyer, Scherer & Rockcastle of Minneapolis to design a new house for themselves and their two daughters.

"We wanted an architect because we wanted something unique," the Schalls note. "We knew we didn't want a standard-issue house."

Tom Meyer of MS&R promised them something unique—and then some. But what that nonstandard-issue house would look like was unformulated.

"We left the concept really open in the beginning," the Schalls say. "We gave ideas and concepts but no specific design look. We wanted the architects to feel invested in the project and go with their own flow."

This, of course, did not mean that the architects had free reign. David and Patty were part of the design process all the way. "We weren't passive," David says, "we did some research."

To make the work flow smoothly, they divided the chores: David was in charge of financial and mechanical considerations, and Patty had a stronger say in aesthetic issues. To start, they filled out a lengthy questionnaire that touched on everything from lifestyle to general feel and attitude about a house. When Meyer presented them with design concepts, they responded with four-page, type-written reactions. Meyer, in turn, would go through the responses point by point.
This, of course, reinforced their already strong trust in Meyer, Scherer & Rockcastle.

"You can't pick at everything," David says. "You have to trust sometimes, and we had an easy time trusting the architects."

Meyer says that several factors played into the final design. He was inspired by the site and the potential to capture the natural amenities of pond and trees on an L-shaped lot; he worked out his interest in the tectonic, how things are put together; and he layered the house with a rich palette of details, materials and views.

Like industrial architecture—bridges, barns, factories—the house expresses its structural forms and materials honestly and cleanly. Beams are beams, moving from inside to outside. Like Japanese architecture, the house has a serene, stylized expression of its structural functionalism.

Meyer chose an array of materials that gives the house its intricate detailing and layered richness. The exterior is sheathed in a dark-stained cedar with red trim, with other structural elements rendered in stone, lead-coated copper, teak and mahogany. Inside, several different woods, including cedar, fir and oak, combine with stone fireplaces, granite tiles, marble, steel, stainless steel, perforated metal and particle board.

The outdoor connection is omnipresent inside. A stone living-room fireplace wall moves from inside to outside. A kitchen counter top continues outward as an exterior ledge, visible through glass-walled cabinets. Interior beams become exterior arbor. A first-level exercise room adjacent to the master suite extends to an arbor, where a path passes alongside the pool to a gazebo.

Meyer says that all this contributes to a strong spatial quality enhanced by visual links of "seeing the same view in a variety of ways. Axes and spaces pierce the house, views pierce the house. The house is about having a sense of space unfold around you and being presented with a view in front of you."

The house is also about a total approach to design. Too often architecture, landscaping and interior furnishings are designed separately. Here MS&R's in-house interiors department was at work during the design process, while landscape architect Herb Baldwin shaped the property. The result is a house that is complete, inside and out.

As active participants, the Schalls scouted out some of the building products that made the final cut. David, for instance, found the window products and wooden flooring, as well as suggested the perforated-metal living-room ceiling and coral-reef aquarium, which he calls "living art" with its colorful array of tropical fish and coral.

The dust has settled since moving in last May, and the couple has had plenty of opportunities to discover even more about the house. "As you live in the house longer, you go through a process of discovery," Patty says. "We've found lots of little things that give us pleasure. I love being able to experience the architecture."

Eric Kudalis
The Loken residence in Duluth is a whimsical combination of architectural forms. The study tower (above and opposite right) juts out from the main house. An arched breezeway (above and right) connects the garage to the main house.
e stood in the driveway, savoring our first view of the little complex of buildings—house, stable, study tower, garage and sauna—that Duluth architect David Salmela of Salmela/Fosdick designed for Cal and Amy Loken on their hillside site overlooking Lake Superior. It was well below zero and the snow crunched underfoot with a polystyrene squeak. The air was white with suspended ice crystals switched electric by the weak winter sun, which hovered low in the pale, robin’s-egg blue sky. My lungs burned with every breath. But I couldn’t help but smile.

The buildings, smothered beneath three feet of snow, nestled comfortably into this seemingly endless Dr. Zhivago landscape of spruce and popple. While individual elements looked familiar—I recognized the ghostly form of a loft, the traditional Norwegian storage house, mixed in with Robert Venturi-inspired cut-out classicism, blended with the everyday north-woods vernacular—they were held together with a quirky, idiosyncratic and unique hand.

This was architecture with a twist.

It’s difficult for a building to have a sense of humor. Even the best Ole and Lena jokes grow stale after the first telling, and since a building is used day in and day out for decades, overtly funny design appears flippant and frivolous to its users, if not downright disrespectful. Architects who successfully infuse humor into their architecture don’t go for the belly-laugh of the one-liner, but the gentle passing smile of whimsy, a quality that, like any good humor, wriggles free when pinned down for analysis.

At the Loken residence, various twists and quirks, exaggerations and distortions—a slanted window mullion, asymmetrical trim framing a brightly painted door—made me smile. These same mannerisms might have appeared precious and arbitrary in different hands, yet Salmela’s whimsy seemed grounded in something deeper, something not immediately apparent.

Norwegian whimsy

Salmela Fosdick, Ltd., designs a compound of buildings for a North Shore residence
We stepped into the first building in the complex, the stable. It was warm with the horses' body heat and moist from their breath. The air was rich with the mingled odors of straw, hay, manure and fresh-cut pine. A black cat with green eyes blinked lazily at us from a dusty pool of sunlight, which barely penetrated the heavily frosted French doors salvaged from the original house. It was a timeless scene. We could just as easily have been in 15th-century Norway as 20th-century Minnesota.

This stable epitomizes Salmela's approach to design. First he organizes the simple, ordinary pieces of the program, in this case three horse stalls, a tack room and a hayloft, into a simple, no-frills rectilinear plan. Then he massages ordinary building materials—cedar siding, pine planks, salvaged windows and site-built wooden trusses—into a unique and magical form by tweaking the conventions of construction: plate lines conventionally are horizontal, but by tilting the hayloft's plate line at three different angles Salmela causes the trusses to rise and fall, creating a roof form that is vaguely horselike, a Trojan stable that echoes the form of its function. Salmela then carefully locates windows to echo and reinforce the form, bumping out a window seat to create a human place in this otherwise horse-scaled design. While the form is unusual, even weird, it's also instantly recognizable within the culture as a stable.

The plan is simple, the materials are simple and the construction technology is simple, but the whole is complex. A prefab metal Butler building could have fulfilled the same function for less money, but according to Salmela, when Cal Loken first saw the drawings, he asked "how can we not build it?"

Salmela wasn't so convinced. "Initially I thought it was too strong a form," he confesses. "Until it was built I was scared to death. The siding, the color and the windows all bring it down in scale."

"It's welcoming," observes Amy Loken. "It looks like something alive."
Maple-veneer plywood frames the fireplace and stairs (above and right).
"It's just like a Saint Bernard dog, it's so lovable," laughs Salmela. "It protects the house."

We continued touring the complex, awed by the view across the iced-over void of Lake Superior from the study tower, basking like cats in the sun in the dining room, lounging on the sauna bench and watching clouds pass through an ancient stand of white pines.

I stopped in their daughter Michelle’s room, fascinated by the built-in bed Salmela designed. Tucked in under the roof, it lifts the mattress onto a platform and frames it with a whimsical proscenium cut out of three-quarter-inch, maple-veneer plywood. A curtain would make the bed completely private. Surrounding the bed are built-in drawers and shelves for secret treasures, and overhead a small roof window frames a private view of the stars.

This child-sized bed “room” is every child’s dream, a private little world far from the clumsy intrusions of adults. This shared human longing stretches back through Victorian four-poster beds to the ancient boxbeds of the Lokens’ Norwegian ancestors.

For lack of a better word, let’s call this shared human longing an archetype. Salmela’s design satisfies the archetype of an enclosed bed completely, thus its specific form can be quirky and whimsical, with wild curvilinear forms, and still feel utterly reasonable. The passing fancy of Salmela’s whimsy is deeply grounded in ancient archetypes: Michelle’s enveloping boxbed; the stable’s timeless warmth; the sauna’s tentlike roof. These archetypes give the house its depth, and Salmela’s whimsical “free elements” simply counterbalance the otherwise bleak, brooding, silent landscape.

“You have to earn the right to be whimsical,” argues Salmela. “You have to pay respect first. You have to first understand the land, then the context of the environment, the terrain and the vegetation. You have to respect the old house. Only then can you start to introduce whimsy.”

The Loken residence is such a complete composition, a complex, integrated whole woven together out of dozens of smaller, archetypal experiences, that it comes as a surprise to learn that the house isn’t all new construction, but the renovation of a 1910 bungalow with its own rich history. A legend that Caruso, the famous Italian tenor, sang in this house has been passed along from owner to owner through time. Whether new or old, each unique piece in the complex, each building, each room, can stand alone as a complete essay, yet the pieces are so interconnected that the whole is far greater than the sum of its parts.

Whimsy holds it all together.

“The strongest part of this whole complex is its entirety,” says Salmela. “All five structures whimsically become one statement. Maybe the whole humor of it is that five such different structures actually do go together.”

“When we first met, my first priority was that this should be fun,” Amy says. “We had fun doing it, and that made all the difference.”

Robert Gerloff is an associate with Mulfinger, Susanka & Mahady Architects in Minneapolis.
The housing crisis
Minnesota architects address the diverse housing needs of the city and suburbs

Architecture Minnesota recently asked a group of architects with experience in residential work to comment upon the profession’s involvement in designing affordable and middle-class housing, both in the city and suburbs.

The following is an excerpt from that conversation.

Architects and builders:

Madson: The single-family housing market is builder-driven more than architect-driven. Part of it is just the way the land is developed. You’ve got a land developer who starts to form relationships with builders.

McMonigal: That’s a midwestern attitude, too, in that builders control land, especially in Minnesota. There are other parts of the country where they don’t control land and the traditional route in developing housing is much different. But here, every builder I know strives to get enough money to go out and buy a tract further out and have the control to develop it. It’s a shame that architects aren’t more involved in assisting with the development of those layouts.

AM: How do architects get involved with builders?

Carter: We’re working on a house for the Lung Association called Health House ’94, which is in a development out in Chanhassen that is builder-controlled. The builder has an open mind about letting us do things that are different, like facing the garage away from the street. But it’s a speculative house. It’s still going on the market with all the chateau-looking houses in the development—and it’s a hard sell. Architects have to add value to a property for a builder to afford our fees. If a builder is using a Xerox copy of the last plan, it’s a lot less expensive than hiring an architect to design from scratch.

Berger: It’s easier for the builder to produce the house. They’ve done it before. He’ll make some modifications, but from his perspective it’s a lot easier to go through that process and do minor modifications rather than make a totally new design.

McMonigal: People are getting smarter in seeing the value in design. A realtor once said to me that he couldn’t believe how many people will spend 7 percent to sell their house but won’t invest the same amount in good design.

Hargens: Architects need to show the public innovations that reflect different options. Part of the housing problem is that the public has monotonous options, as we see at such housing showcases as Street of Dreams. We ought to highlight the other possibilities. For instance, we recently designed a duplex for cohousing for two brothers in south Minneapolis that offers shared spaces for family get-togethers.

AM: After World War II, there was a big building boom in the suburbs that reshaped the landscape. A lot of the housing was builder designed. Did architects miss out on the residential building boom after World War II? Historically, what has the architect’s role been in designing middle-class housing?

Madson: By nature of state laws, architects have been involved in multifamily housing because the developer needs a registered professional to design it. That’s presented a lot of opportunities, from senior housing to more moderate housing.
Hargens: That’s interesting. State laws got us involved in the lower end—the mass housing end. The idea of the artist—and exclusiveness—got us involved at the top end. The middle section is where we seem to have the least impact.

AM: How will architects reach that middle market?

McMonigal: One way is to encourage people to buy an existing house, because their dollar per square foot can get so much more. Then we can do a small addition or something, rather than trying to build a new house. As soon as we get to a new house, the construction cost is so high that it’s tough to be competitive. So we turn around and try to encourage people before they buy their lot to go out and find compatible housing in an established neighborhood.

Berger: It’s pretty scary for middle-class, middle-income home buyers to build a new house. It requires a sophisticated person to go out and hire an architect and try to visualize a new house.

AM: Buying a new house in a fresh, clean suburb is appealing to people. Builders are savvy about advertising the amenities of new subdivisions. How do architects convince people to stay in the city, reinvest in older houses in established neighborhoods?

Berger: People are becoming more historically aware of the quality that was built into some of the housing in urban areas. There is so much variety and so much character to a lot of these older houses, and people are beginning to appreciate that.

McMonigal: The clients that we work with who live in the city truly enjoy all the services that are nearby. There are so many features of living in the city that we really try to sell people on. But if people are sold on a new house or want bigger yards and things like that, price-wise they go to the suburbs.

Hargens: A friend recently left South Minneapolis and went to Hopkins because he and his family couldn’t find the middle-class house that they wanted in the city.

Berger: It gets back to being secure, too, and knowing what you’re buying. People hope they’re buying a good school system and a stable neighborhood. Those are the things that are still questions in their minds when they’re buying in the inner city. They’re concerned about crime. Those are problems that need to be solved.

Carter: School systems and crime enter into that decision for most people before the actual physical house does.

AM: Middle-class home buyers still have options: They can buy in the city or move to the suburbs. Moderate and lower-income people don’t have as many options. What are architects doing today in terms of affordable housing? How do we define affordable housing?

Hargens: Affordable housing is all in your definition, according to a realtor I asked. It’s everywhere from homeless shelters through transitional housing to subsidized units to market-place rentals to your first house. Affordable housing depends on your individual circumstances.

Berger: I was working with a nonprofit organization in Mexico City recently that provides basic-shelter programs. I toured a family’s house, for which the organization had offered help two years ago. The house was essentially two 10-by-10-foot concrete-block rooms with no doors or windows—but it was 1,000 percent better than what the woman and her five children previously had. It’s all relative, especially when you think of a place like Mexico City where the dust and dirt and pollution are so rampant that they make people’s lives very difficult.

AM: There’s a lot of talk of moving subsidized housing into middle-class suburban neighborhoods. Are people in the suburbs resistant to having subsidized housing in their neighborhoods?

Madson: You get out into some of the suburban areas and there is a lot of resistance. There is some legislation with federal funds tied to suburbs to provide low-income housing. If they don’t, they’re being cut back on federal funds. It’s not the best way to approach it, because they’re less than willing participants, but that’s the way the government is trying to make this work.

McMonigal: I’d like to see more suburban developments with low-income housing because that makes for strong neighborhoods. When you have a mixed neighborhood you can suddenly continue to support services, whether it’s the dry cleaner, the grocery stores, whatever. As soon as you go strictly to a low-income cluster, then you start losing all your services, your small businesses and other things that make a neighborhood healthy.

AM: Is some of the resistance to subsidized housing in the suburbs a failure to recognize that poor people are in the suburbs? Or are they afraid that this will bring undesirables to the suburbs?

McMonigal: Both. We worked on a shelter for battered women and children that took two years to get approved, and it was a small, low-density project. No one wanted to face the fact that there are needs and problems out there.

AM: Which areas of the housing market do architects most critically need to address today?

Madson: We have to include all markets in what we do. There’s a role for doing large homes. There’s a role for doing singular, very basic shelters.

McMonigal: The general public doesn’t realize that architects do more than just a building. Our work goes beyond that. It’s not to say we can solve problems about subsidizing housing and issues like that, but I think we look for a broader solution than just strictly a building.

AM
The whole mechanism of the house industry is geared to sell new ready-built homes, with the result that for the seller, who passes on the risk, the long-run endurance of the home is of negligible concern. From a merchandising point of view, a house is a brightly painted commodity with shining gadgets and gleaming equipment to catch the eye of the prospects.

—*The Book of Houses*, by architects John P. Dean and Simon Breines, 1946

The Parade of Homes, sponsored by the Builders Association of the Twin Cities this spring, features 508 model homes in such high-growth suburbs as Woodbury, Lakeville and Prior Lake. For every architect-designed house, approximately 100 such builder’s houses exist; these streets and neighborhoods of builder’s houses will one day serve as the legacy of American landscape ideals in the 1990s.

This year’s Parade of Homes showcases models ranging from $63,000 to $925,000. The majority of these houses are marketed to middle-class, first- and second-time home buyers, with prices ranging from approximately
$90,000 to $220,000. Simultaneously, the Fourth Annual Reality Home Show displays 40 model houses priced under $200,000 that meet the "real" budget of average buyers.

The midrange houses featured here were designed by builders; the architects who signed the drawings played more of a decorative than a conceptual or programmatic role in the evolution of the product. The façades—"contractor historicism"—are historic tidbits draped over middle-class houses with aspirations of greatness.

Although architectural training encourages one to create original buildings or vital public spaces, such lofty ideals are alien to the builder who considers the houses in his spring line-up as "products." Architects and landscape architects, in fact, have little influence over the development of these new environments.

Many contractors market themselves as custom builders. In truth, there is far more mass production than custom design in midrange housing. Buying one of these houses is similar to purchasing a new Oldsmobile with various combinations of options and trim colors. You pay for an extra window on the side and a deck off the kitchen—but the deck is often necessary because many model homes have sliding glass doors off the breakfast room that open onto a perilous 15-foot drop. Many options, such as Honeywell's Home Security...

In response to the million-dollar houses of Street of Dreams and other shows, builders have begun to showcase "affordable" housing in the annual Reality Home Show. Located close to Mystic Lake Casino, these under-$200,000 houses are geared to newcomers who work in the job-rich suburbs of Eden Prairie, Minnetonka and Chaska. As more jobs move to the office and service parks of the freeway beltline, commuting patterns will extend far outward to rural areas.

Systems, Andersen Windows and 3M's wonder products, are made by regional companies. The process of designing, building and buying most new houses is really one of putting such pieces together from catalog.

Environmental designers who wish to change the popular tastes of middle-class suburbia must convince market-savvy developers that the input of architects and landscape architects can add profit and longevity to projects. The partnership role of designers in the product-development system at Chrysler has certainly contributed to the company's increased profitability. Tom Gale, Chrysler's vice president of design, explained in The New York Times recently that "design can add value faster than it adds cost."

Such business precedents are the language with which architects should market themselves to builders.

Developers are constantly seeking new ideas—and they often borrow floor plans and details from each other. There is a serious need for new prototypes. Architecture schools and design firms should provide new housing models. If these new models are cost-effective and marketable, the builders will be happy to borrow from architects.
ers value stoical regularity over flights of imagination; because the rains fall equally on all, farmers value egalitarian hard work over the elitist presumptions of birth; because they work up to their elbows in soil and manure and machinery, farmers value pragmatic hands-on skills over abstract idealism; because the midwestern soil is fertile and the rains frequent, farmers value optimism over pessimism. These are values rooted deeply in the soil, and, Shortridge argues, sharply distinct from the values held on either coast. It is in the Midwest that we hold "the pastoral ideal—a haven midway between the corruptions of urban civilization and the dangerous, untamed wilderness." After six years of breaking the prairie sod, the Gibbs family built a 16-by-24-foot one-room house of tamarack logs from a nearby swamp, which they called home for 14 winters before post-Civil War prosperity allowed them to build the 2-story, center-hall farmhouse we see today.

This house has five bedrooms, a small formal parlor, a winter kitchen/sitting room, a summer kitchen, and a loft for the hired hands to sleep in, a standard program for a farmhouse of its time.

This program articulates the Gibbs's values. For example, while there is a small formal parlor, indicating connection to a larger community, there is no formal dining room. Everyone gathers in the kitchen around the stove. All who come are treated equally, as part of the family.

The program also domesticates the harsh contrasts of the midwestern climate with special rooms for specific seasons. The winter kitchen conserves the stove's heat within the house, while the summer kitchen disperses the heat. A large porch will gather breezes on those breathlessly hot summer evenings, while a small, intimate parlor will gather people around a stove on those below-zero winter nights.

The values the Gibbeses placed on community, and their place within that community, are articulated in the small formal parlor for Sunday visitors and the carefully balanced and orderly façade that faces Larpenteur.

Facing the long façade toward the street also articulates the specific qualities of the setting's landscape. The façade sits square to the world, at right angles to the national grid, its long face opening to the south. Solar orientation, of course, was far more important before central heating. The Gibbeses consciously created a micro-climate for the house, planting oak trees to shade the house in the summer.

Continued on page 69
Despite the federal government's efforts to house the poor and homeless through the decades, the nation's housing crisis continues to grow

By David Anger

The importance of decent, safe, affordable housing to the stability of individuals and communities is unchallenged. Whether the community is urban or rural, housing means more than physical shelter with heat and plumbing. It is a home, and as such is a fundamental reflection of personal identity and dignity. Housing is also the beginning of self and community. In the hierarchy of human needs, shelter sits at the top.

Despite the primacy of housing in people's lives, many Americans are either on the brink of homelessness or sleeping on the streets. For 100 years policy makers have argued the merits of federal intervention as a way to resolve the housing needs of the disadvantaged. While public housing is a modern phenomenon in this country—not emerging until the mid-1930s—sentiment is widespread against it.

A decade into what must be called a housing crisis, have we given up on public housing as a viable option too early? "Yes," answers Nancy Nagler, Ramsey Action Programs. "The housing crisis is so acute that one solution isn't enough. We need philanthropic support, but the poor and the homeless also need government action."

The statistics: many renters on the brink of homelessness

Nearly two-thirds of all poor live in housing that costs more than they can afford, reports a study by the U.S. Conference of Mayors. Nationwide, one in six poor families live in dilapidated units. If the incomes of these families were supplemented to help pay their housing expenses, the total annual cost would be about $14 billion. Although that figure is daunting, consider that every year the federal government forgives more than $30 billion in tax revenue through home mortgage breaks allowed to middle- and upper-income home owners.

While middle- and upper-income families typically spend one-quarter of their income on housing, lower-income families spend a burdensome percentage of their income for housing. The Metropolitan Council (of the Twin Cities) found in 1990 that 20 percent of renter households had incomes of $8,000 or less. Two-thirds of these paid 30 percent of their income for rent; half spent more than 50 percent. Nationwide the situation is worse: half of the poor spent 70 percent of their income on rent.

Not surprisingly, many renters face homelessness. Estimates of the homeless population vary widely, often depending on the definition of homelessness. Last year a Columbia University study found that 13.5 million Americans have been homeless in their lives. A wider definition of homelessness—those who have doubled-up with family and friends—jumps the number to 26 million Americans. The Reagan-Bush claims that only 600,000 people were homeless during the late 1980s was recently refuted by a Clinton administration-sanctioned report, estimating that as many as seven million people were homeless during that period.

Public housing: a victim of perception

Minnesota's architects have designed many sound, and sometimes even heroic, responses to the housing crisis of the 20th century. Both Sumner Field and
Cedar Square West in Minneapolis are monumental examples of public housing that continue to provide decent and affordable shelter. Today, however, most design solutions are directed toward affordable housing and temporary shelters. Efforts to house the poor have halted, not because of the design community’s indifference, but because of the federal government’s retreat from subsidizing public-housing programs.

This retrenchment has as much to do with perception as reality. To most affluent citizens, public housing symbolizes the failure of the American Dream. Worse yet, public housing is a constant reminder of the presence of a permanent underclass in what is mythologically regarded as a classless society. Instead of addressing the problems of social and economic inequities, the tendency in this postmodern age has been to blame the victim—the poor—who are viewed as resisting improvements.

If government-assisted shelters (a free ride in many people’s view) failed to alleviate the characteristics of poverty, then the poor had only themselves to blame. In this sense, public housing was similar to other social programs, which assumed that poverty could be eliminated by cosmetically altering one aspect of life. Therefore, the widespread disdain for public housing has more to do with society’s contempt for the poor than it does with a burgeoning design consciousness. In fact, in many instances, the only architectural distinction between assisted- and private-housing projects are the occupants’ incomes.

“There are public-housing authorities run so well that you can’t tell it’s public housing,” says Richard West of the National Low Income Housing Coalition. “The perception problem we’re dealing with is that if you see a well-maintained place, you don’t assume it’s public housing.”

---

The First Wave:
Housing Reform Movement of 1892

The industrial revolution brought a massive influx of immigrants into America’s cities at the end of the 19th century. Prompted by such preeminent reformers as Lawrence Veiller and E.R.L. Gould, Congress authorized a commission to investigate the horrible living conditions of the nation’s largest cities in 1892. Slum dwellers were condemned to makeshift, life-threatening hovels. The density of New York’s Lower East Side—1,000 people per acre—exceeded that of any European or even Asian city; its closest rival was one district in Bombay.

The housing-reform movement meant the improvement of slum conditions through the establishment of minimum standards of ventilation, sanitation and density. During this era, philanthropic agencies built housing like the YWCA and YMCA in downtown Minneapolis. Also, companies constructed workers housing, such as Morgan Park in Duluth from 1915 to 1917. Apartment hotels, known today as single-room occupancy (SRO) units, sprang up around Loring Park in Minneapolis and Summit Hill in St. Paul.

Continued on page 71
1. Adaptive Reuse
   Stillwater, Minnesota
2. New House
   Red Wing, Minnesota
3. New House
   Deer Lake, Wisconsin
4. New House
   Orono, Minnesota
5. New House
   North Oaks, Minnesota
Coming Soon and in place announcements are placed by the firms listed. For rate information call AM at 612/338-6763
SKD Architects, Inc.
Paddock Laboratories, Inc.
Corporate Headquarters
New Hope, MN
This 70,000 sf facility contains their corporate offices, manufacturing and warehousing of pharmaceutical products. The stable and progressive building image for this growing company is created through the sophisticated and bold use of limestone and granite architectural precast, concrete, aluminum and glass. Steve Kleineman 612.591.6115

SKD Architects, Inc.
Private Residence
Minnetonka, MN
Nestled into a wooded site overlooking a pond, this home realizes the owners’ dream of bringing in the outdoors by use of prairie style detailing integrating glass, stone, and wood, throughout the home, and by the creation of stepped stone terraces that emerge from the ground to become the structure. Extended roof lines create a strong sculptural play with form. Steve Kleineman, 612.591.6115

SKD Architects, Inc.
Kaplan Residence
Minnetonka, MN
This home sits in a wooded site with panoramic views of an adjacent golf course. Battered stone walls and base visually support the natural wood exterior and accentuate the horizontal feel of the home. The L-shaped plan naturally defines formal/informal living. Utilizing stone, several wood species, and color, the detailing further emphasizes the organic nature of the home. Steve Kleineman, 612.591.6115

SKD Architects, Inc.
Proman Residence
Minnetonka, MN
Responding to a “empty nest” lifestyle all primary living functions are on the main level. The open, airy plan has the active spaces oriented to the pond at the rear of the home. Unique interior spaces are created by changing ceiling heights, cantilevering soffits, and floating wall planes. A flat barrel vault with indirect lighting runs the length of the home, emphasizing the linear arrangement of the space. Steve Kleineman 612.591.6115
Love the questions and perhaps you'll live your way into the answers.

Rainer Maria Rilke
Habitat Architecture

Story Residence
Fogelman Rd.
Independence, MN
Contact Hamid Kashani, AIA
612-893-9672

Habitat Architecture

Gethsemane Cemetery Office
County Rd. 9
New Hope, MN
Contact Hamid Kashani, AIA
612-893-9672

Habitat Architecture

Fall '93 Parade of Homes
Bush Lake Dr., Southbay
Bloomington, MN
Contact Hamid Kashani, AIA
612-893-9672

Habitat Architecture

Karch Residence
South Bay Dr.
Bloomington, MN
Contact Hamid Kashani, AIA
612-893-9672
Coming Soon and in place announcements are placed by the firms listed. For rate information call AM at 612/338-6763
Poulsen Residence
Bayfield, WI
This retirement home in historic Bayfield combines the straightforward materials and simple forms of the local vernacular with the crisp detailing and pristine geometry of the classical tradition. An interior "widow's walk" overlooks Lake Superior and nearby Madeline island. Designed by Robert Gerloff.

Private Residence
On the Mississippi in Wisconsin
With stunning views down to the river from its bluff site, this river retreat is designed for informal living and comfort, with special places for writing, reading, and playing music. A third floor "sentry" functions as both a lookout and a place for introspection. Designed by Sarah Susanka and Tim Fuller and built by C.A. Johnson.

Soucheray Cabin
Crested Butte, CO
The Soucheray Cabin is located on the outskirts of an historic district of an old Colorado mining town and embraces dramatic views to both north and south. Simple, box-like forms, a steeply pitched gable roof and local materials integrate this house into the existing townscape. Designed by Kelly Davis, built by Norm Bardeen.

Wilson Cabin
Leech Lake, MN
The Wilson Cabin, sited in a swale, is lifted on stilts, giving a bridge-like quality to this retreat. Lots of wood, light, space and a porch sleeping loft characterize this design. The bridge theme returns indoors as passage between upper bedrooms. Designed by Dale Mulfinger. (Photos by S. Gilmore courtesy of Better Homes & Gardens.)
Private Residence  
Lake Minnetonka, MN  
Located on a quiet bay, this new home takes full advantage of its many views to the lake. The post and beam interior and stress skin roof allow for an open interior with exposed roof structure, nooks and alcoves for privacy, and a large screen porch for summer living. Designed by Sarah Susanka and built by Abrahamson Construction.

Sullivan Addition  
Mahtomedi, MN  
This lakeside summer house, which has been in the Sullivan family since 1902, had been added to in 1929 and 1963. The historically referenced 1993 remodeling updates the home for the third and fourth generations of the Sullivan family with a new infusion of light. Designed by Dale Mulfinger.

Laing Residence  
Shakopee, MN  
Clean lines, simple forms and a welcoming front porch distinguish this "little house in the woods." Straightforward construction, stock materials and a rectangular footprint keep the house affordable, while careful window placement and spatial variety create richness within simplicity. Designed by Robert Gerloff.

Minnetonka Transformation  
Orono, MN  
The owner sought a 'timeless' house that would be consistent inside and out. A central hall opens to all first level living spaces and a four-season garden room is a focus of attention. The close collaboration between owner, architect and builder is reflected in the attention to detail and quality of craftsmanship. Designed by Paul Buum.
Coming Soon and in place announcements are placed by the firms listed. For rate information call AM at 612/338-6763.
Michael McGuire  
Architect  
Miller Residence

A two-story house located on a lake in western Wisconsin. 612.439.3710

LHB Engineers & Architects  
American Lung Assn.  
Health House '94  
Chanhassen, MN

This single family home utilizes design for a healthy indoor environment while minimizing construction waste and maintaining the integrity of the surrounding area. Construction features include use of low VOC-content materials; a ventilation system that provides frequent fresh air exchanges, design for maximum use of natural light and efficient use of resources. 612.331.8971

George F. Cundy & Associates  
Private Residence  
Minneapolis, MN

Designed for a 40' wide lot in the lakes region of Minneapolis, this split entry home captures the limited views and access to natural light while maintaining the privacy desired for this inner city home. The open flowing upper level with its maple floors and woodwork serves as a live in art gallery. 612.646.3268

George F. Cundy & Associates  
Private Residence  
Stillwater, MN

Set on an open sloping lot, the rooms of this highly energy-efficient home are carefully situated to maximize views, light and natural air circulation. With the flow of spaces from formal to informal areas, a computer center and workshop under the garage, the needs of a modern family are met in this traditional country farm home. 612.646.3268

Coming Soon and in place announcements are placed by the firms listed. For rate information call AM at 612/338-6763.
Stamson Residence  
Grand Rapids, MN  
This cottage for two will take its place amongst an intimate community of lakeside homes. The community shares outdoor spaces and paths and private, contemplative views to the pristine lake beyond. Its materials resonate with the surrounding woods to create a distinctly northern home. Designed by Katherine Cartrette.

North Shore Retreat  
North Shore, MN  
A 1940's Edwin Lundie cabin is stripped clean of earlier additions and repositioned as the center living room of this three bedroom retreat. A Lundie sketch from the archives serves as genesis for this expanded complex of shapes, including two existing Finnish structures. Designed by Dale Mulfinger and Leffert Tigelaar.

Larson Residence  
Hiawasse, North Carolina  
A Minneapolis couple, looking ahead toward retirement, will be able to look back across a pastoral valley to distant mountains. The house will be clad in wood shingles and set on a stone base, and expansive decks and terraces step down the hill, making for a flexible blend of inside and outside living. Designed by Tim Fuller.

Strom Cabin  
Copas, MN  
Designed to fit the footprint of an existing cottage, this rebuilt residence takes full advantage of its St. Croix River setting. The house, with its intimate scale, low roof forms, stone walls and cedar shingle roof, is in harmony with the spirit of National Park Service and Wild and Scenic River guidelines. Designed by Kelly Davis.
Behr Residence
Northfield, MN
The predominantly stone and stucco exterior of this home is inspired by the English Arts & Crafts movement. The interior features such elements as reading-nooks and library passages, while coffered and other ceiling variations define traditional spaces within an otherwise open plan. Designed by Joseph G. Metzler.

Benson Residence
Minneapolis, MN
This new home looks south to views of the lagoon connecting Lake of the Isles with Cedar Lake. The interior is designed as a backdrop for the display of large contemporary paintings and sculptures, while the exterior is scaled and detailed to blend with its neighbors. Designed by Sarah Susanka and built by Nastrom Construction.

Ahrens Residence
Hudson, WI
This home, with hand-scribed log walls, log rafters and a partial timber frame, embodies one man's particular vision rooted in American railroad lore. Its form and materials, reminiscent of a small town on the frontier, ruminate on the past from a distinctly forward-looking point of view. Designed by Katherine Cartrette.

Maple Forest House
Minnetrista, MN
The Maple Forest House, with its steeply pitched gables and wrap around porches, was designed by Michaela Mahady and is being built and offered for sale by Kyle Hunt and Partners. Visit it during the 1994 Fall Parade of Homes, see it on an upcoming series of the PBS show "Hometime", or read about it in Better Homes and Gardens.
Coming soon and in place announcements are placed by the firms listed. For rate information call AM at 612/338-6763
coming soon

Carlsen & Frank Architects
Addition & Remodeling
4340 Fremont Avenue S.
Minneapolis, MN

This 1,500 sf addition to an older residence near Lake Harriet is the third phase of a continuing renovation project. Reflecting the desires of the owners, the design eliminates the obvious "old house meets new house" look by the use of similar proportions, details, and materials which complement the architecture of the original house. The first phases included the porch expansion, adaptation of foyer and kitchen spaces; the new work includes an expanded kitchen and new breakfast area, library, screened porch, additional bedroom plus a master bedroom suite with a cozy upper porch and vaulted ceilings. 612.227.4576

Carlsen & Frank Architects
Infill Houses
Single Family Residence
Minneapolis, MN

Designed for 40 ft. wide lots, this split level, 3-bedroom, 1500 sf house is a prototype for a number of houses the Powderhorn Residence Group hopes to build in Minneapolis. 612/227-4576.

Kodet Architectural Group, Ltd.
Tweed Residence
Minneapolis, MN

The design of the home revolves around three academic and artistic careers, thus the individual study and studio areas. The entire lower level is for exhibit and exhibit production. The floor plan is designed primarily for convenience with all major space uses on the main level. The massing is organized around a central sloped ceiling space. Due to the very restrictive urban lot, the perimeter spaces are transparent to permit large amounts of natural light into the central space. Exterior materials will reflect an informal expression of urban character. 612.377.2737

Coming Soon and in place announcements are placed by the firms listed. For rate information call AM at 612/338-6763
coming soon

A home.

A castle.

A new direction.

James McNeal Architects
612-476-9199

18300 Minnetonka Blvd.
Suite 112
Deephaven MN 55391

Builder: Miller Contracting

Coming Soon and in place announcements are placed by the firms listed. For rate information call AM at 612/338-6763
coming soon

Morrison/Walijarvi
Architects
Morrison Residence
White Bear lake, MN

This contemporary home features all living essentials on one accessible level with a study/loft above and recreation space in the walk-out level below. Rear elevation features a cantilevered deck overlooking a wooded pond area. Clerestory windows with overhangs plus skylights on a northeast roof slope assures quality daylighting of the interior. Designer, Eldon Morrison. 612.426.3287

Morrison/Walijarvi
Architects
North Oaks Residence
St. Paul Area, MN

This spacious North Oaks home departs from the typical two-story with high pitched roof, by blending into the prominent site and utilizing the natural grades, with a design solution of low pitched roof, one-story front, and rear walkout with patio, deck, and porch overlooking a pristine lake. Designer, Maureen Lodge. 612.426-3287

Habitat Architecture

“School House 94”
Fund Raising for
Bloomington School System
Bush Lake Dr., Southbay
Bloomington, MN
Contact Hamid Kashani, AIA
612.893.9672

Habitat Architecture

Chin Residence
Southbay
Bloomington, MN
Contact Hamid Kashani, AIA
612.893.9672

Coming Soon and in place announcements are placed by the firms listed. For rate information call AM at 612/338-6763
coming soon

Rice • Stromgren Architects
Private Residence
Bloomington, MN

Sitting on a steep slope, the living areas of this house reach out into the surrounding trees. Designed with specific owner needs in mind, the house is functional and simple. Large windows and high ceilings capture light and create dramatic views inside and out. 612.827.7802, 507.625.3632

Peter K. Paulson
Architect
Seemann Residence
Lakeville, MN

This late 50's era walk-out rambler with a spectacular hilltop view of Orchard Lake will be completely transformed inside and out. The design features a new kitchen, dining room, master bedroom, children’s bedroom and a garage. A two-story entryway and front porch welcome visitors. 612/341-2586.

Carl Frederickson AIA,
Architect
Private Residence
Cook County, MN

This simple, compact, yet comfortable 1200 sf (main floor) plan is composed of three basic 13’ x 30’ eat, sleep, and living bays with a master suite loft above. Built to serve leisure requirements with an eye toward early retirement. 612.823.8108

Carlsen & Frank Architects
Caretakers House
Sawtooth Mountains
Iligen City, MN

The 1200 sf caretakers house is to set the style and tone of a new wilderness retreat being developed in the Sawtooth mountains overlooking Lake Superior. The split level design recalls its northern European antecedents in what the developers refer to as the "North Shore Vernacular". 612/227-4576.

Coming Soon and in place announcements are placed by the firms listed. For rate information call AM at 612/338-6763.

62 ARCHITECTURE MINNESOTA
Coming Soon and in place announcements are placed by the firms listed. For rate information call AM at 612/338-6763
AIA Documents Make Life Easier.

**A-SERIES DOCUMENTS**

*Prices are effective November 1, 1992.
Please call for Member Discount Prices.*

<table>
<thead>
<tr>
<th>Code</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A101</td>
<td>1.50</td>
<td>Owner-Contractor Agreement Form-Stipulated Sum (4/87) with instruction sheet</td>
</tr>
<tr>
<td>A101/CMa</td>
<td>1.90</td>
<td>Owner-Contractor Agreement Form-Stipulated Sum-Construction Management Edition (1992) with instruction sheet</td>
</tr>
<tr>
<td>A107</td>
<td>1.50</td>
<td>Abbreviated Owner-Contractor Agreement Form for Small Construction Contracts-Stipulated Sum (4/87) with instruction sheet</td>
</tr>
<tr>
<td>A111</td>
<td>1.50</td>
<td>Owner-Contractor Agreement Form-Cost Plus Fee (4/87) with instruction sheet</td>
</tr>
<tr>
<td>A117</td>
<td>1.50</td>
<td>Abbreviated Owner-Contractor Agreement Form-Cost Plus Fee (4/87) with instruction sheet</td>
</tr>
<tr>
<td>A121/CMc</td>
<td>1.60</td>
<td>Owner-Construction Manager Agreement Form where the Construction Manager is also the Contractor (1992) with instruction sheet</td>
</tr>
<tr>
<td>A171</td>
<td>1.80</td>
<td>Owner-Contractor Agreement for Furniture, Furnishings and Equipment (1990) with instruction sheet</td>
</tr>
<tr>
<td>A177</td>
<td>1.95</td>
<td>Abbreviated Owner-Contractor Agreement for Furniture, Furnishings and Equipment (1990) with instruction sheet</td>
</tr>
<tr>
<td>A191</td>
<td>2.50</td>
<td>Standard Form of Agreement Between Owner and Design/Builder (1985) with instruction sheet</td>
</tr>
<tr>
<td>A201</td>
<td>2.90</td>
<td>General Conditions of the Contract for Construction (4/87) with instruction sheet</td>
</tr>
<tr>
<td>A271</td>
<td>2.25</td>
<td>General Conditions of the Contract for Furniture, Furnishings and Equipment (1990) with instruction sheet</td>
</tr>
<tr>
<td>A305</td>
<td>1.50</td>
<td>Contractor's Qualification Statement (12/86)</td>
</tr>
<tr>
<td>A310</td>
<td>.30</td>
<td>Bid Bond (2/70)</td>
</tr>
<tr>
<td>A311</td>
<td>.50</td>
<td>Performance Bond and Labor and Material Payment Bond (2/70)</td>
</tr>
<tr>
<td>A312</td>
<td>.60</td>
<td>Performance Bond and Payment Bond (12/84) with instruction sheet</td>
</tr>
<tr>
<td>A401</td>
<td>1.50</td>
<td>Contractor-Subcontractor Agreement Form (5/87) with instruction sheet</td>
</tr>
<tr>
<td>A491</td>
<td>2.50</td>
<td>Standard Form of Agreement Between Design/Builder and Contractor (1985) with instruction sheet</td>
</tr>
<tr>
<td>A501</td>
<td>2.75</td>
<td>Recommended Guide for Bidding Procedures and Contract Awards (6/82)</td>
</tr>
<tr>
<td>A511</td>
<td>3.35</td>
<td>Guide for Supplementary Conditions-incorporates A512 (6/87)</td>
</tr>
<tr>
<td>A512</td>
<td>.20</td>
<td>Additions to Guide for Supplementary Conditions (12/89)</td>
</tr>
<tr>
<td>A521</td>
<td>2.90</td>
<td>Uniform Location Subject Matter (1981/Reprinted 1983)</td>
</tr>
<tr>
<td>A571</td>
<td>2.75</td>
<td>Guide for Interiors Supplementary Conditions (1991) with instruction sheet</td>
</tr>
<tr>
<td>A701</td>
<td>1.50</td>
<td>Instructions to Bidders (4/87) with instruction sheet</td>
</tr>
<tr>
<td>A771</td>
<td>1.80</td>
<td>Instructions to Interiors Bidders (1990) with instruction sheet</td>
</tr>
</tbody>
</table>

Save time and money by eliminating the need to draft a new contract for every transaction!

AIA documents are court-tested and updated regularly to reflect industry changes: construction practices, technology, insurance and legal precedent.

Choose from more than 120 contracts and forms that help clarify your rights and obligations as well as those of the client, contractor and consultant.

For a complete price list and ordering information, contact Minnesota's only full service distributor:

AIA Minnesota
International Market Square
275 Market Street #54
Minneapolis MN 55405
612/338-6763

documents
FULL SERVICE DISTRIBUTOR
THE AMERICAN INSTITUTE OF ARCHITECTS
AM FOCUSES ON: MEDICAL/HEALTHCARE DESIGN

For advertising information call Judith Van Dyne 612/338-6763.

PRESERVATION PLAN ON IT
Planning on restoring a house, saving a landmark, reviving your neighborhood?
Write:
National Trust for Historic Preservation
Department PA
1785 Massachusetts Ave., N.W.
Washington, D.C. 20036

PIERSON AGENCY
Representing 3-D Artists & Art
To view our portfolio of works by local and national sculptors, please contact Al Pierson at (612) 649-1021.

Telephone: (612) 649-1021
A 10-foot-tall zipper provides an entrance to this exhibit that chronicles the major fashion trends of the century. From raccoon coats and nylon seersucker dresses to hot pants, polyester leisure suits and the current “grunge” look, the highs and lows of fashion are here.

For more information, call (612) 624-7434.

Featured are a series of 17 gouaches and accompanying prose created by University of Minnesota professor of pediatrics Dr. Robert O. Fisch, a native of Hungary and a Holocaust survivor. Several images from the exhibit were used in the book The Holocaust: The World and the Jews, 1933-1945, by Semour Rossel. Concurrent with the exhibit is an international conference, “Xenophobia in Germany: National and Cultural Identities After Unification,” May 11-14.

For more information about the exhibit or conference, call (612) 625-9494.

Pulled from the bank’s extensive collection, the objects in this installation focus on the ’20s and ’30s. Highlights include Walter Dorwin Teague’s “Nocturne” radio from 1937, to Norman Bel Geddes’s stainless-steel “skyscraper” shaker and...
“Manhattan” serving tray of 1934, and John Vassos’s aluminum “RCA Victor Special” portable phonograph of 1935.

For more information, call the Northwest arts program at (612) 667-2112.

Barn Again!
National Building Museum
Washington, D.C.
Through Sept. 11

This exhibit explores the history and symbolism of an American icon, the barn. A 30-by-44-foot barn serves as an entrance into the exhibit. Visitors will be able to explore barn mythology and nostalgia, and discover how social, political and economic developments affected barns. The show also examines the various uses of barns and speculates about the future of barns in our urban culture.

For more information, call (202) 272-2448.

A Common Ground:
Minnesota Communities
Minnesota History Center
St. Paul
Ongoing

The Minnesota Historical Society’s latest exhibit is a grass-roots program by and for the diverse people of Minnesota. Visitors explore six distinct Minnesota communities. Displays are everything from a parish dress made in Sweden to combat gear of the Vietnam War and artwork of Winnebago women. In developing the exhibit, the Historical Society’s staff worked with an advisory panel comprised of community representatives, as well as historians and sociologists. Communities depicted will change occasionally.

For more information, call the Minnesota Historical Society at (612) 296-6126.
Continued from page 19

“The world doesn’t owe the architect success, but there’s nothing that is insurmountable to keep the architect from achieving success,” he says. “Most architects are doing very well—but are almost afraid to admit it.”

He is concerned that many firms pay younger employers too little, at a time when the profession needs to attract the best and the brightest. Salaries for recent graduates are often 15 to 20 percent lower than they should be, he says, “and these young people are starting off discouraged.” Cramer hopes the AIA will continue to create more intern programs for the institute’s 11,000 student members.

In spite of a nationwide recession, AIA membership has grown to 57,000 during Cramer’s six-year stint as CEO. “What’s most encouraging is that our products, programs and services grew by significant percentages every year,” he says, adding more than $1 million each year to the institute’s reserves.

Having the institute on sound financial footing will greatly aid Cramer’s successor, says 1993 AIA board president Susan Maxman, who worked with Cramer during her six years on the board. She praises Cramer for his work on the institute’s image, including the remodeling and expansion of the Washington building, and a restructuring of the AIA’s graphic and corporate identity. “He has always represented the AIA very well and been a good spokesperson for the profession,” she says. “He’s a very easy-going, affable person, and has been a real boon to the AIA in terms of raising spirits. Everyone just loves him. He has a great presence.”

“To me it was always obvious that he would play a significant leadership role,” adds Terry McDermott, Cramer’s successor as CEO. McDermott first met Cramer at AIA Minnesota’s annual convention and products expo in 1977, when McDermott was publishing Building Design and Construction magazine. Cramer, he says, “is terribly creative. He has a great idea at least once an hour. But he’s also extremely competent and has the managerial skills so that he can take his idea and go out and do it.”

“Our whole goal has been to help the architect with the support and information that’s so vital as we reinvent the profession,” Cramer explains. His 240-person staff—whom he calls “the best in Washington”—has studied and lobbied on small-business issues, Inter-modal Surface Transportation Efficiency Act (ISTEA) legislation, copyright law, federal procurement policies and eight provisions of the Americans with Disabilities Act.

Just as he left Minnesota for a new challenge and the chance for personal growth in Washington, Cramer says he looks forward to a “personal renewal” as he moves to his next goal. He “greatly loves and respects” the AIA, he says, and will continue as a member of the Board of Regents and an occasional consultant. But “it’s important to keep things fresh,” he says, adding that “I couldn’t be more enthusiastic about Terry” taking the reins.

If his résumé is any indication, Cramer will have no trouble finding plenty to do. Since his move to Washington, he has overseen preservation of the historic Octagon Museum, founded the American Design Council, served on the Board of Directors of the National Building Museum, chaired a division of the United Way, contributed to National Public Radio’s “All Things Considered,” and granted countless interviews to major print and network media. This spring he will make a presentation on profitability at the AIA annual convention in Los Angeles and lecture on “Contemporary Practice from an International Perspective” at MIT. In June, he delivers commencement speeches at the University of Nebraska and the University of Minnesota, where he was adjunct professor from 1976 to 1982.

Cramer’s next career step, which he plans to announce soon, will further his mission of linking good design and the business community. For “who better than the architect to bring problem-solving to architecture?” he asks. “We talk about historical times that were ‘the good old days’ in architecture. It has never been better for architects than it is in the 1990s.”

Gayle Worland is a writer living in Washington, D.C.
Yet not block solar warmth in winter, and planting a windbreak to the west to shelter the house from winter winds.

And in true midwestern fashion, the house is not a single pristine object set in the landscape, but a small compound of buildings—house, barn, chicken houses, and various sheds and outbuildings—built over time, creating a farmyard, a domesticated outdoor room in the vastness of the plains. The Gibbeses clearly followed the old farm adage “the house doesn’t build the barn,” for they first invested in buildings that could produce income. The white barn, for example, was electrified a full decade before the house. They clearly valued future security more than immediate gratification.

Their values also shaped the Gibbes’s material choice. Not only was the 1854 house incorporated into the 1867 house (it’s the winter kitchen), but many of the original windows were salvaged from a building on the nearby University of Minnesota campus that was being remodeled. All this reflects the natural frugality of the farmer.

Also, materials were largely shaped by machines, reflecting a pragmatic attitude towards craftsmanship. There is not the same romantic worship of handcraft in the Midwest as there is in New England or the West, where a hand-split cedar shake roof or a hand-hewn log cabin are cultural icons. The Midwest could not have been settled without the John Deere plow to break its prairie sod, without the McCormick reaper to harvest its bumber crops, without the steam-driven sawmill to rip its white pine into dimensional lumber, or without the railroad engine to carry its products to market. Machines always have been part of the midwestern cultural landscape.

So far I have avoided discussing aesthetics, both the aesthetics of this particular house and the larger midwestern sense of beauty. “Midwestern aesthetic” may sound like an oxymoron, for all the values I have listed—pragmatism, economy, frugality—seem to force architecture toward the banal anonymity of a prefabricated Butler building, a utilitarian architecture without charm, grace or beauty.

Yet to drive the back roads of Minnesota, Wisconsin or Iowa is to see thousands of beautiful buildings: houses, barns and corncribs on farms; small commercial blocks, schools and libraries in towns. Beauty has transcended utility.

The uniquely midwestern aesthetic that shaped these beautiful buildings is not rooted in romantic excess. It is a quiet, gentle, self-effacing beauty, a beauty of the domestic and pastoral, a beauty of the ordinary and everyday. This aesthetic shapes a vernacular that is neat and tidy, an architecture of order with symmetrical forms, balanced massing and repetitive proportions. Perhaps this aesthetic can be described as a nascent or innate classicism, not an academically correct classicism of textbook details, but a classicism that grows from the principles of symmetry, balance and order, which are reinforced by vernacular construction technology: roofs are the least expensive to frame when they’re symmetrical; foundations are cheapest when they’re poured in simple rectilinear forms; framing is most efficient with consistent plate heights and a uniform roof pitch.

Ultimately this midwestern aesthetic traces to the core pastoral value of stewardship over the land. A farm that is well-maintained, a farm with straightly plowed furrows, freshly-painted buildings and well-manicured grounds is a good farm; a good farm is a beautiful farm, preserving the land for all time.

How do we as architects bring beauty back into our everyday life?

The Gibbeses would be horrified by the fourplexes sprouting like weeds in full view of their porch. These buildings lack any orientation to the sun or relationship to the land; they are built of flimsy materials that won’t age well through time and are divorced from their neighbors by blank and anonymous garage doors.

The “bottom-line” mentality that shaped these fourplexes values privacy over community, expediency over rigor and cheap theatrics over subtle proportions. Worst of all, it values the land only as a commodity, refusing to accept stewardship over its long-term welfare. These bottom-line values are national in scope, sprawling across regional lines,
Serving the legal needs of Minnesota’s design community for more than 40 years

Leonard, Street and Deinard
150 South Fifth Street, Suite 2300
Minneapolis, Minnesota 55402

For information call
Robert J. Huber, Chair
Construction Law Department
(612) 335-1500

Try an Engineering Firm with a Unique Capability.

Listening.

You’ve worked hard to achieve the goal of thrilling your client with a design of integrity. Now you need a team player that gets involved and has the passion for the project that you do, to bring your design to life. You need an engineer that can really listen.

Listen to deadlines and budgets as well as your ideas.

Listen to the latest developments in technology to offer you creative solutions with value-engineering incorporated throughout.

Call Engineering Design Group of Minnesota for your next project. We make architectural dreams come to life.

We listen.

Structural Engineers Specializing in:

• Commercial
• Residential
• Industrial
• Curtain Wall

547 Lovell Avenue
Roseville, MN 55113
(612) 481-9195

National Facilitators, Inc.

The 911 For Architects and Engineers

Providing Building Design Professionals and Services

A networking resource for employers and employees

National Facilitators, Inc.
P. O. Box 44397, Eden Prairie, MN 55344
Contact: Sheri Nelson at (612) 934-8099
Fax (612) 975-0850

overriding local values tuned to land and climate.

Tragically, the pastoral values that have defined the Midwest through time are today written off as anachronistic museum relics, for popular culture has boxed the Midwest into a schmaltzy “heartland” stereotype. Shortridge writes that by the 1960s, “The Middle West had become a museum of sorts. No up-and-coming citizen wanted to live there, but it had importance as a repository for traditional values. The Middle West was a nice place to visit occasionally and to reflect upon one’s heritage. It was America’s collective ‘hometown,’ a place with good air, picturesque farm buildings and unpretentious ‘simple’ people.”

While there’s no question that farming as a way of life is passing, few Midwesterners are more than a generation off the farm. The pastoral values of the farming ethic, the value we dismiss as “nostalgic” and “traditional,” the values that shaped the Gibbs Farmhouse, remain deeply rooted in midwestern culture.

Architects, in mimicking the forms and styles of the picturesque corncribs and romantic farmhouses, have played into this nostalgia. Perhaps by drawing a different lesson from the vernacular, by drawing on the everyday values that shaped the midwestern aesthetic, architects can bring beauty back to our everyday environment, shaping a unique architecture that is both green and sustainable, an architecture that—like the Gibbs Farmhouse—grows easily and naturally from the rich, black midwestern soil.

The Gibbs Farmhouse Museum is operated by the Ramsey County Historical Society. It is open from May through October, Tuesday through Friday from 10 a.m. to 4 p.m., and on weekends from noon to 4 p.m. The historical information in this article is drawn from a 1993 Historic Structure Report prepared by Carol Zellie of Landscape Research and Robert Lunning of Hokanson/Lunning Associates, Inc.

Robert Gerloff is an associate with Mulfinger, Susanka & Mahady Architects in Minneapolis.
While the 1892 Congressional foray had no legislative sequel, the reform movement shaped an important debate that endures today: public vs. private solutions to low-cost housing. Reformers like Veiller and Gould opposed housing subsidies, but Edith Elmer Wood championed public housing. Her book, *The Housing of the Unskilled Wage Earner* (1919), gathered national acclaim, arguing that government action to replace slums would improve citizenship, lower welfare costs, and reduce crime and delinquency. Despite Wood’s efforts, the federal government did not reenter the housing arena for some 40 years.

### The Second Wave: the New Deal responds to the Great Depression

A little known fact is that Herbert Hoover, not Franklin Roosevelt, instigated the first act of federal intervention during the Great Depression. He established the Home Owners Loan Corporation to rescue distressed homeowners and mortgage lenders. But Hoover did not address the needs of the poor. It was FDR’s ambitious New Deal that enacted progressive programs to address the situation that “one-third of the nation [was] ill-housed.”

Under the auspices of the Public Works Administration (PWA) the government sought to eradicate and rehabilitate slum areas in order “to check the exodus to the outer limits of cities.” The PWA employed two strategies: it lent money to private corporations interested in slum clearance, and the agency was empowered to buy, condemn and sell property for the purpose of developing new projects.

Sumner Field on the cusp of Minneapolis’s north side is a product of the New Deal. In fact, it is the Twin Cities’ only PWA housing project. Inspired by the social idealism of Governor Floyd B. Olson (the state’s first Democratic chief executive) Sumner Field replaced one of the region’s worst slums. Designed by the firm of Magney, Tusler and Setter, Sumner Field consists of several 2-story brick boxes completed in 1938. Between 1924 and 1937 the government began constructing 21,000 units in 49 cities, costing $129 million. However, the New Deal’s initiative was slowed by a 1935 judicial action, ruling against the acquisition of land for public housing through eminent domain. This decision limited the government’s authority, forcing it to purchase sites at market prices that increased costs. By the time the PWA erected apartments or houses, the minimum rents had risen to levels that excluded the urban poor.

### The Third Wave: the Urban Redevelopment Act of 1949

With the victorious close of World War II new home-buying programs were established for veterans and those with wartime savings. The result both in the Twin Cities and across the county was an extraordinary residential-housing boom. New housing starts reached an all-time high of nearly 2 million units a year.

As the families spread outward into prosperous suburbs, cities began a downward spiral that continues today. The population of Minneapolis peaked in 1950 (521,718) and St. Paul in 1960 (313,411), slowly losing residents ever since. Housing conditions within the inner city also declined. Despite the tremendous postwar-building boom, only 2 percent of all housing starts were publicly financed.

Congress passed the Urban Redevelopment Act (URA) in 1949, which sought to clear inner-city slums. As a part of URA, the government declared its commitment to build “a decent home in a suitable environment for every American family.” That bold statement was the closest the federal government has come to pronouncing housing as an entitlement.

The clearance of the Gateway district in Minneapolis is URA’s most famous action in Minnesota. A dramatic instance of slum clearance, 17 downtown blocks were cleared beginning in 1960, one of the largest urban-renewal projects in the country. Only one government-assisted apartment block was built in the area at First Street and Third Avenue in 1974, equipped with a mere 269 low-cost units. Perhaps the Gateway project’s greatest legacy was the awakening of the local preservation movement as many Minnesotans witnessed the demolition of the treasured Metropolitan Building.

The effects of URA’s action in other cities influenced the local scene, particularly the rise and fall of Pruitt-Igoe in St. Louis. Completed in 1954, Pruitt-Igoe was built on top of the city’s most troubled ghetto. Situated on a 57-acre site, 2,700 rental units were constructed to house 15,000 people at densities higher than the original slum.

The initial design called for a mixture of low-rise, high-rise and walk-up structures. Yet costs exceeded the federal government’s maximum allowance cost per unit, resulting in the scheme of 33 identical 11-story elevator buildings. Despite some unique design features, budget constraints sabotaged the final design. In addition to the elimination of some amenities as landscaping and playgrounds, the quality of the hardware was so poor that the door knobs and locks were broken on initial use.

### The Fourth Wave: the Great Society

More comprehensive than its federal predecessors, the legislation of Lyndon Johnson’s Great Society set in motion a record volume of subsidized housing units. In 1965 housing concerns were elevated to a cabinet-level position through the creation of the department of Housing and Urban Development (HUD). Although the Great Society failed to assert the notion that housing is an entitlement, President Johnson voiced a commitment to build 26 million dwellings for the benefit of every economic class, with 6 million units assigned to low-income families.

Forty of Minneapolis’s 44 subsidized high-rise apartments were built between 1960 and 1974. Cedar Square West—conceived as a “new-town in town”—was the most far-reaching product of the Great Society, started in 1968 and finished in 1973. Designed by Minneapolis
architect Ralph Rapson, five high-rise buildings are softened by bright primary colors and narrow balconies. Rapson’s Mondrian-like treatment humanizes the concrete mass, allowing residents to identify their unit from the ground. The project also is supported by public spaces that accommodate neighborhood groups, a grocery store, day-care facilities and meeting rooms. While Cedar Square West has been at times riddled with low-occupancy rates and crime, the project has been rejuvenated as Riverside Plaza, preserving low-income housing that remains a superior alternative to housing owned by slumlords.

Like other federally funded housing projects built during the 1960s and 1970s, Cedar Square West was met with severe, and sometimes deserved, criticism. But it was a proposal to build a large housing project on the north side of Minneapolis that prompted the creation of the Community Design Center (CDC) of Minnesota in 1968. After inspecting existing structures in the area, CDC volunteers proposed that most of the old buildings could be renovated and the character of the neighborhood preserved. By 1971 the CDC had an office at 118 East 26th St., and a paid executive director to organize the volunteer design professionals, who provided a range of services to the disadvantaged.

If the CDC was an effective critic of public housing, the debate between housing advocates and private developers actually hindered public initiatives. Housing advocates complained that developers were allowed excessive profits and developers griped of HUD delays and red tape. Inflation was rampant in the early 1970s, causing utility and maintenance costs to soar. Defaults accelerated in subsidized projects, drawing further criticism.

The deflation of the Great Society’s housing programs had begun. Beset with low occupancy rates, poverty, crime and seemingly irreversible construction flaws, three of Pruitt-Igoe’s 33 buildings were detonated in 1972. Public housing appeared to be morally and politically bankrupt, resulting in President Nixon to declare a moratorium on all federal-housing programs. In 1976 the remaining 30 Pruitt-Igoe buildings were demolished.

Support for public housing had eroded. In 1979 President Carter (who, ironically, would become a vocal critic of the Reagan-Bush housing cuts and a Habitat for Humanity supporter) proposed substantial reductions in HUD’s budget. With the triumph of President Reagan’s fiscally conservative legislative agenda, support for subsidized housing declined from $30 billion in 1981 to less than $8 billion in 1989. Coinciding with federal cutbacks was the demolition or conversion of low-cost rental units. The first eight years of the 1980s were to pass before another federal housing law was enacted.

The Fifth Wave: The Government Addresses Homelessness

After a 12-year stand off between housing advocates and government officials, the Clinton administration has identified homelessness as a large-scale problem demanding a federal response. “Homelessness has become a structural problem in America: chronic, continuous, large-scale, complex,” says Henry Cisneros, secretary of HUD.

Yet in the early 1980s Minnesotans recognized a critical housing problem. Faced with the withdrawal of federal support for low-income housing in the 1980s, local governments and philanthropic groups forged new approaches through the creation of housing trust funds, community loan funds and alternative housing models. In 1983 the McNichol Foundation committed a $10 million Program-Related Investment, as well as grant funds, to set up a capital pool to finance mortgages for low-income families.

Furthermore, architects have not been indifferent. In 1984 the American Institute of Architects’ (AIA) Housing Committee hosted a three-day meeting in St. Paul to address the issues of housing the homeless. The meeting was the genesis of the AIA Search for Shelter design-charrette program, a collaboration between architects, design-related professionals, students and nonprofit agencies. Since 1987, formed under the leadership of the late Louis Lundgren, AIA Minnesota has sponsored an annual Twin Cities design-charrette program, which proposes solutions for affordable housing.

The charrettes are part of a growing trend to utilize aging and existing housing. In fact, such Minnesota architects as Kim Bretheim and Paul Madison, among others, have worked with neighborhood groups to revitalize housing stock at the Twin Cities’ core. Success stories abound in city neighborhoods, like Minneapolis’s Whittier and Phillips and St. Paul’s Westside, where older homes have been rehabilitated for moderate-income homeowners.

However, little has been done to address the bewildering problem of housing America’s growing poor population. Most of the attention on affordable housing remains focused in the city, not suburbs. Troubled that the Metropolitan Council has failed to promote low-income housing in the suburbs, the Legal Aid Society of Minneapolis asked federal court in February to add the agency to a 1992 class-action suit on behalf of housing renters and the Minneapolis office of the NAACP.

The Affects of Public-Housing Initiatives

Since the 1930s, government assistance has created a distinction between city and suburb. On one hand, the government encouraged home ownership through long-term, low-interest mortgages—the beneficiaries were white, middle class and suburban. The government further engendered suburban growth through massive federally funded highway-expansion projects at the expense of public-transit systems.

Political and social ambivalence toward public housing produced token housing programs plagued by fiscal and site restrictions. Almost always public-housing projects were confined to the poorest parts of central cities and impeded by low construction costs. Cheaply constructed and problematic from the outset, St. Louis’s Pruitt-Igoe only survived a stormy 20 years.

In the end, the projects that were built invariably reinforced racial segregation. A suburb that did not want to tarnish its image could simply refuse to create a housing agency. No authority or
national official could force it to do otherwise. Despite good intentions, the government created a housing policy of containment—the poor were concentrated in central cities and suburbia thrived as an affluent refuge from the social ills of the economically disadvantaged.

From the late 1950s to the early 1970s, the Twin Cities experienced more miles of freeway construction than any other comparable metropolitan area, resulting in the separation of the affluent from the poor and whites from minorities. For example, the suburban area west of I-494 is the sixth "whitest" locale in the country, reports American Demographic magazine. Ninety-seven percent of this area's population is white, encompassing such privileged communities as Minnetonka and Wayzata.

**National proposals for change**

If a substantial impact is to be made on the low-income housing situation, strong federal action is necessary. The Clinton administration's 76-page draft report on homelessness is a step forward, calling for the end of homelessness. While the paper does not specify the amount needed to solve the problem, it indicates that HUD would need to spend an additional $40 billion annually compared with its current $25 billion annual budget.

But past acts of federal intervention into the housing arena carry several important lessons: first, money alone does not solve poverty; second, public housing requires quality construction; third, suburbs must share the responsibility of providing affordable housing; and finally, architects and policy makers cannot approach design questions in isolation; instead, they must seek input from the client—the poor.

Strange to conclude that Canada has more than 600,000 units of subsidized housing compared with 3.3 million in the United States, which has 10 times the population. But transforming a verbal commitment to affordable housing into concrete policies is an expensive proposition. Yet, it is hard to resist the notion that America can make decent and affordable housing a reality for low-income people.

David Anger is a frequent contributor to Architecture Minnesota.

---

**SUPERIOR WOOD SYSTEMS Products**

Pre-Engineered to Produce the Ultimate in Structural Capacity & Versatility

Environmentally Efficient • Time Saving • Cost Effective

**SWI-Joists**

Available in standard lengths up to 48'

- Lightweight - Can be handled by a single worker, easily cut with standard job-site tools
- Dimensionally Stable
- No twisting, warping or splitting
- Built with No Crown
- Less Waste - Much less than solid wood
- Easy Boring of holes in 7/16" thick web

**Insulated Headers**

2 x 4 and 2 x 6 Wall Construction

- Pre-Insulated
- Cost Savings - Eliminate the need for on-site insulating
- Dimensionally Stable
- No shimming required for tight fits.
- Lightweight - Can be handled by a single worker, easily cut with standard job-site tools
- Less Waste - Much less than solid wood.
- Energy Efficient - Provide an R-value of 20 (after sheathing & sheet-rocking)

SW-II Headers are made with Machine Stress Rated lumber and Oriented Strand Board. They are manufactured to strict quality control standards, with PFS Corp. acting as third party inspectors. SW-II Headers have code acceptance by ICBO, BOCA, State of Wisconsin & HUD.

**SUPERIOR WOOD SYSTEMS**

PO Box 1208 • 1301 Garfield Ave. • Superior, WI 54880 715-392-1822 • FAX 715-392-3484 • Call for the nearest factory representative.
IF YOU'RE PLANNING EVEN A SMALL RENOVATION...

...PLAN ON SAVING MONEY WITH AN ARCHITECT.

Whether you’re adding a bedroom or building a new home, it pays to call an architect. It all starts with your first meeting. By listening carefully to your specific wants and needs, an architect can help you make the most of your space, speed up your renovation, and smooth out the hassles from start to finish.

Architects know how to keep a watchful eye on your budget throughout a project and can help you avoid costly, last-minute changes.

So if you’re considering either renovating or building a new home, give us a call. We can put you in touch with an AIA architect who’ll interpret your needs.

And keep a ceiling on your budget.

IT PAYS TO CALL AN ARCHITECT.

AIA Minnesota
612-338-6763

THE AMERICAN INSTITUTE OF ARCHITECTS
I invite you to study the directory of firms on the following pages and become better acquainted with my esteemed professional colleagues. They are members of AIA Minnesota, the State organization of architects created 102 years ago to provide architects with continuing education, professional practice assistance and opportunities to communicate to the public concerning the design of the built environment.

These firms provide services to clients in Minnesota and throughout the United States. Their skills relate to all types of building projects both large and small, new and old, and they can assist you in planning and designing those facilities which respond to your specific needs.

If you have any questions about architectural services or how to select an architect, Peter Rand, FAIA, and Beverly Hauschild, Hon. AIA, our Executive Vice Presidents, will be pleased to help. Feel free to call them (612/338-6763) or write for additional information.

Alexander F. Ritter, AIA
President
<table>
<thead>
<tr>
<th>Architectural Firms</th>
<th>Projects</th>
<th>Work %</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCIIITECTS, MN; MN; erd, MN; Maddenos Architectural Duane A. Kell</td>
<td>Additon &amp; Renovation of the Little Theatre, College of St. Scholastica, Duluth, MN; Household Hazardous Waste Storage Facility, Western Lake Superior Sanitary District, Duluth, MN; Minnesota Power Service Center, Aurora, MN; Benildi State University, Benildi, MN; Benna Ford, Two Harbors, MN; Office &amp; Training Facility for Local #11, Duluth, MN</td>
<td>5</td>
</tr>
<tr>
<td>ANKENY, KELL, RICHTER, WALSH ARCHITECTS, P.A.</td>
<td>ARCIIITECT</td>
<td>80</td>
</tr>
<tr>
<td>Architect STEVE ERBAN</td>
<td>Architectural</td>
<td>5</td>
</tr>
<tr>
<td>Architectural Resources, INC.</td>
<td>Architectural</td>
<td>30</td>
</tr>
<tr>
<td>Architects IV, INC.</td>
<td>Architectural</td>
<td>10</td>
</tr>
<tr>
<td>Architectural Technology Consultant</td>
<td>Architectural</td>
<td>5</td>
</tr>
<tr>
<td>Architecture Unlimited, INC.</td>
<td>Architectural</td>
<td>5</td>
</tr>
<tr>
<td>ARMSTRONG, TORSETH, SKOLD AND RYDEEN, INC.</td>
<td>Architectural</td>
<td>5</td>
</tr>
</tbody>
</table>

**Personnel by Discipline**

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Architects</th>
<th>Engineers</th>
<th>Landscape Architects</th>
<th>Interior Designers</th>
<th>Other Technical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architectural</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Administrative</td>
<td>5</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Total in Firm</td>
<td>29</td>
<td>8</td>
<td>4</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

**Residences/New & Remodel.**

<table>
<thead>
<tr>
<th>Firm</th>
<th>Projects</th>
<th>Work %</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCIIITECT</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Architectural Resources, INC.</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>Architects IV, INC.</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Architectural Technology Consultant</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Architecture Unlimited, INC.</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>ARMSTRONG, TORSETH, SKOLD AND RYDEEN, INC.</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

**Residences/New & Remodel.**

<table>
<thead>
<tr>
<th>Firm</th>
<th>Projects</th>
<th>Work %</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCIIITECT</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Architectural Resources, INC.</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>Architects IV, INC.</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Architectural Technology Consultant</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Architecture Unlimited, INC.</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>ARMSTRONG, TORSETH, SKOLD AND RYDEEN, INC.</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

**Residences/New & Remodel.**

<table>
<thead>
<tr>
<th>Firm</th>
<th>Projects</th>
<th>Work %</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCIIITECT</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Architectural Resources, INC.</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>Architects IV, INC.</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Architectural Technology Consultant</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Architecture Unlimited, INC.</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>ARMSTRONG, TORSETH, SKOLD AND RYDEEN, INC.</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

**Residences/New & Remodel.**

<table>
<thead>
<tr>
<th>Firm</th>
<th>Projects</th>
<th>Work %</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCIIITECT</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Architectural Resources, INC.</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>Architects IV, INC.</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Architectural Technology Consultant</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Architecture Unlimited, INC.</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>ARMSTRONG, TORSETH, SKOLD AND RYDEEN, INC.</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

**Residences/New & Remodel.**

<table>
<thead>
<tr>
<th>Firm</th>
<th>Projects</th>
<th>Work %</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCIIITECT</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Architectural Resources, INC.</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>Architects IV, INC.</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Architectural Technology Consultant</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Architecture Unlimited, INC.</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>ARMSTRONG, TORSETH, SKOLD AND RYDEEN, INC.</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

**Residences/New & Remodel.**

<table>
<thead>
<tr>
<th>Firm</th>
<th>Projects</th>
<th>Work %</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCIIITECT</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Architectural Resources, INC.</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>Architects IV, INC.</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Architectural Technology Consultant</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Architecture Unlimited, INC.</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>ARMSTRONG, TORSETH, SKOLD AND RYDEEN, INC.</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

**Residences/New & Remodel.**

<table>
<thead>
<tr>
<th>Firm</th>
<th>Projects</th>
<th>Work %</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCIIITECT</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Architectural Resources, INC.</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>Architects IV, INC.</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Architectural Technology Consultant</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Architecture Unlimited, INC.</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>ARMSTRONG, TORSETH, SKOLD AND RYDEEN, INC.</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

**Residences/New & Remodel.**

<table>
<thead>
<tr>
<th>Firm</th>
<th>Projects</th>
<th>Work %</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCIIITECT</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Architectural Resources, INC.</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>Architects IV, INC.</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Architectural Technology Consultant</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Architecture Unlimited, INC.</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>ARMSTRONG, TORSETH, SKOLD AND RYDEEN, INC.</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

**Residences/New & Remodel.**

<table>
<thead>
<tr>
<th>Firm</th>
<th>Projects</th>
<th>Work %</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCIIITECT</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Architectural Resources, INC.</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>Architects IV, INC.</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Architectural Technology Consultant</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Architecture Unlimited, INC.</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>ARMSTRONG, TORSETH, SKOLD AND RYDEEN, INC.</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

**Residences/New & Remodel.**

<table>
<thead>
<tr>
<th>Firm</th>
<th>Projects</th>
<th>Work %</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCIIITECT</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Architectural Resources, INC.</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>Architects IV, INC.</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Architectural Technology Consultant</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Architecture Unlimited, INC.</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>ARMSTRONG, TORSETH, SKOLD AND RYDEEN, INC.</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

**Residences/New & Remodel.**

<table>
<thead>
<tr>
<th>Firm</th>
<th>Projects</th>
<th>Work %</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCIIITECT</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Architectural Resources, INC.</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>Architects IV, INC.</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Architectural Technology Consultant</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Architecture Unlimited, INC.</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>ARMSTRONG, TORSETH, SKOLD AND RYDEEN, INC.</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>
THOMAS A. BARBEAU, AIA
5055 Nicollet Ave.
Minneapolis, MN 55419
Tel: 612/822-6404
Fax: 612/822-6404
Established 1991

— Thomas A. Barbeau AIA

— Work %

Housing/Multiple 20
Residences/New & Remodel. 25
Office Bldg/Banks/Financial 10
Retail/Commercial 25
Medical/Healthcare 20
Restoration/Preservation 5
Interior Architecture 50

— Hargrave Lodge, Kootenai, MT; Rosewood Housing Development, Superior, WI; Vandelist Residence, Lakeville, MN; Barbeau Residence, Lake St. Croix Beach, MN; Institute for Reparative Medicine, St. Louis Park, MN; Embro Corp. Research Laboratory, St. Louis Park, MN

■ BARBOUR/LADOUCEUR ARCHITECTS
5301 Russell Avenue S.
Minneapolis, MN 55410
Tel: 612/925-2393
Fax: 612/925-2393
Established 1993

— F. John Barbour AIA
Janis LaDouceur

— Firm Personnel by Discipline
Architectural 2

— Work %

Housing/Multiple 5
Residences/New & Remodel. 30
Retail/Commercial 20
Municipal 10
Education/Academic 5
Restoration/Preservation 20
Interior Architecture 20
Heritage/Interpretive/Crafts 30

— Edna G. Interpretive Center, Two Harbors, MN (with LHB); Francesca’s Bakery & Cafe, St. Paul, MN; Northwest Co. Fur Post Education/Interpretive Center, Pine City, MN (with Winson/Fariety); Sherman Residence Addition, Mimaetonka, MN; New Fort Belmont History Park, Schematic Design Study, Jackson, MN; Earle Brown Heritage Center, Brooklyn Center, MN (with Winson/Fariety)

■ DENNIS BATTY & ASSOCIATES, INC.
ARCHITECTS
6860 Shingle Creek Pkwy.
Minneapolis, MN 55430
Tel: 612/560-6814
Fax: 612/560-1090
Established 1976

— Dennis Battly AIA

— Firm Personnel by Discipline
Architectural 2
Administrative 1
Total in Firm 3

— Work %

Housing/Multiple 5
Office Bldgs/Banks/Financial 5
Retail/Commercial 5
Churches/Worship 5
Municipal Buildings 5
Education/Academic 5
Restoration/Preservation 35
Interior Architecture 30

— Metro State University, St. Paul, MN; Rochester City Hall, Rochester, MN (with Lindberg Pierce); Minneapolis Technical College Renovation & Remodeling, Minneapolis, MN (with Richard A. Peterson Assoc.); Hennepin County Library, Plymouth, MN; Wooddale Church, Eden Prairie, MN; Lake Harriet Bandshell & Refectory, Minneapolis, MN

■ BERNSTEIN ASSOCIATES
1621 N. Pennsylvania Ave.
Minneapolis, MN 55427
Tel: 612/544-7229
Established 1967

— Sheldon J. Bernstein AIA

— Work %

Retail/Commercial 20
Industrial/Mfg/Warehousing 60
Restoration/Preservation 20

— Shopping Center Rehab., Burnsville, MN; Retail Store & Site Work, Hopkins, MN; Review of 10 Apartments for Code Compliance, Columbia Heights, MN

■ A. J. BERREAU AND ASSOCIATES, INC.
1220 Glenwood Ave.
Minneapolis, MN 55405
Tel: 612/377-8334
Fax: 612/377-9084
Established 1971

— Alfred J. Berreau AIA

— Firm Personnel by Discipline
Architectural 4
Engineering 1
Other Technical 2
Total in Firm 7

— Work %

Office Bldgs/Banks/Financial 10
Retail/Commercial 10
Industrial/Mfg/Warehousing 80

— Marigold Foods, Inc., Rochester, MN; Crowley Frozen Desserts, Inc., Lancaster, PA; Schwan’s Sales Enterprises, Marshall, MN; Crowley Foods, Inc., Arkport, NY; Daily Juice Products, Verona, PA

■ BLUMENTHALS/ARCHITECTURE, INC.
605 Earl Brown Drive, Ste. 120
Brooklyn Center, MN 55434
Tel: 612/561-7579
Fax: 612/561-2314
Established 1976

— Janis Blumenthal AIA
— Susan Blumenthal AIA

— Firm Personnel by Discipline
Architectural 4
Administrative 1
Total in Firm 5

— Work %

Housing/Multiple 15
Residences/New & Remodel. 5
Office Bldg/Banks/Financial 30
Retail/Commercial 40
Industrial/Mfg/Warehousing 10
Restoration/Preservation 15
Interior Architecture 15

— Restoration and Redevelopment of Earle Brown Farm, Brooklyn Center, MN; The Evergreens at Earle Brown Farm, Assisted Living, Brooklyn Center, MN; Park Crossing Apartments, St. Paul, MN; State of Minnesota Department of Jobs & Training, Minneapolis, MN; Edina Realty/Metropolitan Federal Bank, Maple Grove, MN; McDonald’s at Abbott-Northwestern Hospital, Minneapolis, MN

■ BOARMAN KROOS PFISTER RUDIN & ASSOCIATES, INC.
222 N. 2nd St.
Minneapolis, MN 55401
Tel: 612/399-5752
Fax: 612/399-6212
Established 1978

— Jack Boorman AIA
David Kroos AIA
Peter Reiter AIA
Jeffrey Rudin PE

— Firm Personnel by Discipline
Architectural 13
Engineering 8
Interior Designers 5
Construction Admin. 1
Other Technical 3
Administrative 6
Total in Firm 36

— Work %

Housing/Multiple 10
Office Bldg/Banks/Financial 20
Industrial/Mfg/Warehousing 30
Medical/Healthcare 5
Municipal 30
Interior Architecture 10
Federal/State 20

— Lutheran Social Services Headquarters, Minneapolis, MN; MMCDF Office & Laboratory Headquarters, St. Paul, MN; St. Louis Park Police Station, St. Louis Park, MN; Minneapolis Fire Stations #27 & #28, Minneapolis, MN; Marquette Bank, Shakopee, MN; Orono Municipal Center, Orono, MN

■ BONESTROO, ROSENE, ANDERLIK & ASSOCIATES, INC.
2335 West Highway 36
St. Paul, MN 55113
Tel: 612/636-4600
Fax: 612/636-1311
Other Offices: Mequon, WI
Established 1956

— Otto Bonestroo PE
Marvin Sorvalla PE
Robert C. Russek AIA

— Work %

Housing/Multiple 15
Residences/New & Remodel. 5
Office Bldg/Banks/Financial 30
Retail/Commercial 40
Industrial/Mfg/Warehousing 10
Restoration/Preservation 15
Interior Architecture 15

— Restoration and Redevelopment of Earle Brown Farm, Brooklyn Center, MN; The Evergreens at Earle Brown Farm, Assisted Living, Brooklyn Center, MN; Park Crossing Apartments, St. Paul, MN; State of Minnesota Department of Jobs & Training, Minneapolis, MN; Edina Realty/Metropolitan Federal Bank, Maple Grove, MN; McDonald’s at Abbott-Northwestern Hospital, Minneapolis, MN

— Firm Personnel by Discipline
Architectural 13
Engineering 8
Interior Designers 5
Construction Admin. 1
Other Technical 3
Administrative 6
Total in Firm 36

— Work %

Housing/Multiple 10
Office Bldg/Banks/Financial 20
Industrial/Mfg/Warehousing 30
Medical/Healthcare 5
Municipal 30
Interior Architecture 10
Federal/State 20

— Lutheran Social Services Headquarters, Minneapolis, MN; MMCDF Office & Laboratory Headquarters, St. Paul, MN; St. Louis Park Police Station, St. Louis Park, MN; Minneapolis Fire Stations #27 & #28, Minneapolis, MN; Marquette Bank, Shakopee, MN; Orono Municipal Center, Orono, MN

— Otto Bonestroo PE
Marvin Sorvalla PE
Robert C. Russek AIA
BORDON HENNEMUTH ARCHITECTS, LTD.

7300 France Ave., Ste. 202
Minneapolis, MN 55435
Tel: 612/832-5802
Established 1988

William H. Hennemuth AIA
Gregory J. Bordon AIA

- Firm Personnel by Discipline
  Architectural 2
  Administrative 5
  Total in Firm 7.5

- Work %
  Residences/New & Remodel. 5
  Office Bldg/Banks/Financial 15
  Retail/Commercial 15
  Industrial/Mfg/Warehousing 10
  Medical/Health Care 20
  Churches/Worship 15
  Municipal 15
  Education/Academic 10

- BNW ELNESS ARCHITECTS, INC.
  700 Third Street S
  Minneapolis, MN 55415
  Tel: 612/339-5508
  Fax: 612/339-5382

- Thomas W. Dunwell AIA
  Modris M. Feder AIA
  Randy L. Engel AIA

- Firm Personnel by Discipline
  Architectural 33
  Engineering 76
  Landscape Architects 15
  Interior Designers 15
  Planners 33
  Other Technical 111
  Administrative 62
  Total in Firm 331

- Work %
  Housing/Multipurpose 60
  Office Bldg/Banks/Financial 10
  Retail/Commercial 10
  Industrial/Mfg/Warehousing 10
  Education/Academic 10
  Transportation/Preservation 10
  Other Technical 25
  Total in Firm 75

BROWN & LUCACHIck PARTNERS, INC.

218 Minnesota Ave
Bemidji, MN 56601-0219
Tel: 218/759-2305
Fax: 218/759-0407
Established 1988

Charles L. Brown AIA
James T. Lucachi AIA

- Work %
  Housing/Multipurpose 5
  Residences/New & Remodel. 10
  Retail/Commercial 15
  Industrial/Mfg/Warehousing 30
  Medical/Health Care 25
  Energy Maxi-Audits 15

- MRR Infill Addition, North Country Regional Hospital, Bemidji, MN; Upper Mississippi Mental Health Center, Remodeling for Accessibility, Bemidji, MN; U of M Biological Research Lab, Remodeling, Insecta Park, MN; North Country Health Services, New Clinic, Walker, MN; North Country Hospital, Kidney Dialysis Unit, Bemidji, MN

- BUETOW & ASSOCIATES, INC.
  2345 Rice St. #210
  St. Paul, MN 55113
  Tel: 612/483-6701
  Established 1920

- Thomas W. Dunwell AIA
  Modris M. Feder AIA
  Randy L. Engel AIA

- Firm Personnel by Discipline
  Architectural 7
  Other Technical 2
  Total in Firm 11

- Work %
  Housing/Multipurpose 5
  Residences/New & Remodel. 10
  Office Bldg/Banks/Financial 20
  Retail/Commercial 10
  Industrial/Mfg/Warehousing 20
  Medical/Healthcare 5
  Churches/Worship 10
  Municipal 20
  Education/Academic 10
  Transportation/Preservation 10
  Interior Architecture 25
  Construction Coordination Services 25
  Clean Rooms/High Tech 10

Other Technical
  Medical/Healthcare 5
  Municipal 20
  Restoration/Preservation 5
  Interior Architecture 5
  Senior Facilities 40

Anoka County Courthouse & Service Center, Anoka, MN; Ramsey County Libraries: Roseville, Moundsview, Maplewood & Shoreview, MN; League of Minnesota Cities Headquarters Bldg., St. Paul, MN; City/County Federal Credit Union, Brooklyn Center, Minnetonka, Minneapolis, MN; Jenni-O Foods, Willmar & Melrose, MN; Midwest Special Services, Shoreview, MN

K. C. BUSCH & ASSOCIATES

2301 Como Ave., Ste. 100
St. Paul, MN 55108
Tel: 612/645-6675
Fax: 612/645-6621
Established 1983

Kevin C. Busch AIA

- Work %
  Residences/New & Remodel. 10
  Office Bldg/Banks/Financial 20
  Retail/Commercial 10
  Industrial/Mfg/Warehousing 10
  Medical/Healthcare 5
  Churches/Worship 40
  Interior Architecture 30

- BWBR ARCHITECTS
  400 Sibley St., Ste. 500
  St. Paul, MN 55101
  Tel: 612/222-3701
  Fax: 612/222-8961
  Established 1951

C. Jay Sleiter AIA
Lloyd F. Bergquist AIA
Wilford F. Johnson AIA
Terry L. Anderson AIA
Fred J. Shank AIA
Stephen P. Patrick AIA

- Firm Personnel by Discipline
  Architectural 54
  Interior Designers 5
  Other Technical 3
  Administrative 17
  Total in Firm 84

- Work %
  Office Bldg/Banks/Financial 10
  Medical/Healthcare 60
  Education/Academic 20
  Interior Architecture 15
  Detention/Corrections 10

- Basic Sciences and Biomedical Engineering Building, University of Minnesota, Minneapolis, MN; Cub Foods Corporate Headquarters, Stillwater, MN; Health Partners Corporate Offices, Bloomington, MN; Minnesota Psychiatric Center, Moose Lake, MN; West Health Campus, Plymouth, MN; St. Paul Ramsey Medical Center Burn Center, St. Paul, MN

MAY/JUNE 1994 79
CARLSEN & FRANK ARCHITECTS
482 Dayton Avenue
St. Paul, MN 55102
Tel: 612/227-4576
Fax: 612/227-3501
Established 1983
—
—
Peter Carlson  AIA
Sylvia Frank  AIA
—
—
Work %
Residences/New & Remodel  50
Office Bldg/Banks/Financial  15
Retail/Commercial  10
Industrial/Mfg/Warehousing  20
Interior Architecture  5
—
—
A.P.G. Cash Drawer Mfg, Building, Fridley, MN; Women's Advocates Expansion, St. Paul, MN; Timm Residence Remodeling, Minneapolis, MN; Iverson Tanner Residence, St. Paul, MN; Bell Mortgage Leasolehold Improvements, Brooklyn Center, MN; Lilja Residence Addition, Edina, MN

JAMES K. CARLSON, AIA, ARCHITECT-ENGINEER
164 East Fourth St.
Winona, MN 55987
Tel: 507/452-3361
Fax: 507/452-3361
Established 1956
—
—
James K. Carlson  AIA, PE
—
Firm Personnel by Discipline
Architectural/Engineering  1
Administrative  1
Total in Firm  2
—
—
Work %
Retail/Commercial  20
Industrial/Mfg/Warehousing  20
Churches/Worship  20
Municipal  10
Education/Academic  30
—
—
Family YMCA Addition, Winona, MN; MN DOT, Addition, Winona, MN; Cedar Valley Golf Club, Cedar Valley, MN; ISD #861, Middle School Addition, Winona, MN; At The Corner Restaurant Addition, Centerville, WI

RICHARD J. CARLSON ARCHITECTS, LTD.
2116 Second Avenue S.
Minneapolis, MN 55404
Tel: 612/870-4563
Fax: 612/874-9793
Established 1997
—
—
Richard J. Carlson  AIA
—
Firm Personnel by Discipline
Architectural  3.5
Administrative  5
Total in Firm  4
—
—
Housing/Multiple  10
Office Bldg/Banks/Financial  10
Churches/Worship  10
Education/Academic  10
Research Laboratories  60
—
—
University of Minnesota, Cancer Center, Minneapolis Campus, MN; University of Minnesota, Pediatrics Infectious Diseases Facility, Minneapolis Campus, MN; The Church of St. Helena, Capital Improvements, Minneapolis, MN

CHRISTENSEN ARCHITECTURAL CONSULTANTS
1635 Cedar Lake Parkway
Minneapolis, MN 55416
Tel: 612/377-8493
Fax: 612/377-8493
Established 1972
—
—
Daniel Christensen  AIA
—
Firm Personnel by Discipline
Housing/Multiple  5
Residences/New & Remodel  90
Retail/Commercial  5
Restoration/Preservation  10
Interior Architecture  20
Environmental/Energy/ Health Conscious  90
—
—
Horsager Lake Home, Park Rapids, MN; Brooks Residence, Wright County, MN; Trucken Miller Residence, Major Remodeling, Edina, MN; Waukne/Nelson Residence, Major Remodeling, Deephaven, MN; Arnold Residence, Major Remodeling, Tonka Bay, MN; Lanum Lake Home, Perham, MN

CLAYBAUGH GALE ANDERSON PRESERVATION CONSULTANTS INC.
219 Government Street
 Taylors Falls, MN 55084
Tel: 612/463-7900
Fax: 612/463-3305
Other Offices: Kansas City, MO, St. Joseph, KS, Charleston, SC, New York, NY, Minneapolis, MN; Established 1989
—
—
Robert J. Claybaugh  AIA
Frances Gale
Barbara G. Anderson
—
Firm Personnel by Discipline
Architectural  3
Other Technical  1
Administrative  1
Total in Firm  5
—
—
Work %
Housing/Multiple  10
Retail/Commercial  20
Municipal  10
Education/Academic  50
Restoration/Preservation  75
—
—
Winston Churchill Memorial Chapel Restoration, Fulton, MO; Parmenter Hall Restoration, Baker University, Baldwin, KS; Missouri Main Street Design Assistance; John J. Pershing Historic Site, Laclede, MO; National Trust Flood Assistance, Charleston, MO; High Auditorium Reconstruction, University of Kansas, Lawrence, KS

CLOSE ASSOCIATES, INC. ARCHITECTS
3101 E. Franklin Ave.
Minneapolis, MN 55406
Tel: 612/339-0979
Fax: 612/339-0976
Established 1938
—
—
Gar Hargens  AIA
—
Firm Personnel by Discipline
Architectural  1
Interior Designers  1
Other Technical  1
Administrative  2
Total in Firm  9
—
—
Work %
Housing/Multiple  10
Residences/New & Remodel  10
Other Offices: Office Bldg/Banks/Financial  15
Retail/Commercial  15
Medical/Healthcare  30
Churches/Worship  10
Education/Academic  5
Restoration/Preservation  40
Interior Architecture  100
—
—
Riverside University Family Practice Clinic Building, Minneapolis, MN; Hedin Residence, Red Wing, MN; International School, Eden Prairie, MN; Minneapolis Friends Meeting, Minneapolis, MN; Children's Hospital 10 of St. Paul, St. Paul, MN; Harriet Tubman Women's Shelter, Minneapolis, MN

CLUTS, O'BRIEN, STROTHER ARCHITECTS
7520 Market Place Drive
Eden Prairie, MN 55344
Tel: 612/941-4822
Fax: 612/941-5492
Established 1978
—
—
Brian Cluts  AIA
Paul Strother
—
Firm Personnel by Discipline
Architectural  1
Other Technical  1
Other Technical  2
Administrative  2
Total in Firm  9
—
—
Work %
Housing  5
Residences/New & Remodel  10
Office Bldg/Banks/Financial  20
Industrial/Mfg/Warehousing  20
Education/Academic  55
Restoration/Preservation  20
Interior Architecture  40

COLLINS-HANSEN ARCHITECTS
126 North Third St., Ste. 204
Minneapolis, MN 55401
Tel: 612/338-8181
Fax: 612/338-0007
Established 1989
—
—
Michael P. Collins  AIA
Merle W. Hansen  AIA
—
Firm Personnel by Discipline
Architectural  4
—
—
Work %
Housing  5
Residences/New & Remodel  10
Other Offices: Office Bldg/Banks/Financial  20
Industrial/Mfg/Warehousing  20
Education/Academic  55
Restoration/Preservation  20
Interior Architecture  40

C.M. ARCHITECTURE, P.A. (CMA, P.A.)
219 North Second St., Ste. 301
Minneapolis, MN 55401-1454
Tel: 612/338-6677
Fax: 612/338-2995
Other Offices: Fort Worth Established: 1980
—
—
Bruce M. Carlson  AIA
Timothy E. Palmquist  AIA
Patrick G. Blees  AIA
Stephen A. Nordgaard  AIA
—
Firm Personnel by Discipline
Architectural  12
Other Technical  4
Administrative  4
Total in Firm  20
—
—
Work %
Other Offices: Office Bldg/Banks/Financial  5
Retail/Commercial  15
Industrial/Mfg/Warehousing  25
Churches/Worship  15
Education/Academic  10
Government  10
—
—
Musical Distribution Center, Franklin, IN; The Florsheim Shoe Company, Nationwide; Musicaland, Sam Goody & Suncoast Motion Picture Company Stores, Nationwide; University of Minnesota, Health Sciences Nursing Lab, Minneapolis, MN; St. Nicholas Episcopal Church, Richfield, MN; BSI Corporation, Eden Prairie, MN

80 ARCHITECTURE MINNESOTA
CONVENTION CENTER DESIGN GROUP
430 Oak Grove, Ste. 300
Minneapolis, MN 55403
Tel: 612/871-6864
Fax: 612/871-6868
Established 1990

— Leonard S. Parker
FAIA
Richard C. Speers
AIA

Firm Personnel by Discipline
Architectural 51
Engineering 55
Interior Designers 1
Other Technical 4
Administrative 26
Total in Firm 137

— Work %
Convention Centers 100

Minneapolis Convention Center,
Minneapolis, MN; Sioux Falls Convention Center, Sioux Falls, SD;
Monona Terrace Convention Center, Madison, WI

CORDING-NATWICK-HILBERT ARCHITECTS, INC.
7300 West 147th St., Ste. 504
Apple Valley, MN 55124
Tel: 612/431-4433
Other Offices: Alexandria, MN
Established 1958

— John R. Natwick
Wayne G. Hilbert
AIA

Firm Personnel by Discipline
Architectural 4
Other Technical 1
Administrative 1
Total in Firm 6

— Work %
Housing/Multiple 5
Office Bldg/Banks/Financial 20
Retail/Commercial 6
Industrial/Mfg/Warehousing 15
Churches/Worship 20
Municipal 20
Interior Architecture 5

Apple Valley Police Facility, Apple Valley, MN; Dakota Electric Association Addition, Farmington, MN; Zeiger Service Facility, Sioux City, IA; MN DOT Regional Facility, Detroit Lakes, MN; St. Andrew's Lutheran Church, Grand Rapids, MN; Luther Crest Bible Camp, Alexandria, MN

CORWIN, SEPPANEN & ASSOCIATES, INC.
2694 East 19th Ave.
North St. Paul, MN 55109
Tel: 612/777-2766
Established 1952

— Ralph D. Corwin
AIA

Education/Academic 100

Various remodeling projects for schools in Independent School District No. 622, North St. Paul, Maplewood, Oakdale, MN

CUNINGHAM HAMILTON QUITER, P.A.
201 Main Street SE, Ste. 325
Minneapolis, MN 55414
Tel: 612/379-3400
Fax: 612/379-4400
Established 1968

— John W. Cunningham
FAIA
John H. Hamilton
AIA
John E. Quiter
AIA
Thomas Hoskins
AIA

Firm Personnel by Discipline
Architectural 69
Interior Designers 12
Other Technical 15
Administration 15
Total in Firm 101

— Work %
Housing/Multiple 10
Office Bldg/Banks/Financial 5
Retail/Commercial 5
Churches/Worship 10
Education/Academic 35
Restoration/Preservation 5
Interior Architecture 15
Entertainment 30

Grand Casino Biloxi, Biloxi, MS; Buck Lake Resort, Tunica County, MS; Beautiful Savior Lutheran Church, Plymouth, MN; Roseville Area High School, Roseville, MN; Mille Lacs Band Primary & Secondary Schools, Onamia, MN; Mille Lacs Hotel, Onamia, MN

DAMBERG SCOTT PECK & BOOKER
22 E. 2nd Street
Duluth, MN 55802
Tel: 218/727-2626
Fax: 218/722-7467

Other Offices: 417 2nd Street S., Virginia, MN, 218/741-7962, and Eau Claire, WI
Established 1939

— John Scott
John Damberg
AIA
Darryl Booker
AIA
John Gerzina
AIA
Randy Wagner
AIA

Firm Personnel by Discipline
Architectural 16
Commercial 10
Total in Firm 22

— Work %
Housing/Multiple 5
Office Bldg/Banks/Financial 5
Medical/Healthcare 25
Education/Academic 35
Recreation/Entertainment 30

Black Bear Casino, Cloquet, MN; Grand Portage Lodge & Casino, Grand Portage, MN; Cook County Community Clinic-Northshore Hospital, Grand Marais, MN; Fond du Lac Community College, Cloquet, MN; Lowell Music Magnet, Duluth, MN; Eveleth School Expansion, Eveleth, MN

GERALD G. DEZELAR CONSULTANT
616 Stewart Avenue
South St. Paul, MN 55075
Tel: 612/451-7992
Established 1991

— Jerry DeZelar
AIA

Firm Personnel by Discipline
Architectural 69
Interior Designers 12
Other Technical 15
Administration 15
Total in Firm 101

— Work %
Housing/Multiple 5
Office Bldg/Banks/Financial 25
Retail/Commercial 10
Industrial/Mfg/Warehousing 25
Churches/Worship 10
Municipal 5
Education/Academic 10
Forensic 10

— Work and Consulting in: Specifications, Construction Administration, Forensic Architecture, Code and ADA Compliance

DOVOLIS JOHNSON & RUGGIERI, INC.
1121 E. Franklin Avenue
Minneapolis, MN 55404
Tel: 612/871-6009
Established 1984

— Dean J. Dovolis
AIA
Brian R. Johnson
AIA
John V. Ruggieri
ASLA

Firm Personnel by Discipline
Architectural 13
Landscape Architects 4
Administrative 2
Total in Firm 19

— Work %
Housing/Multiple 30
Residences/New & Remodel. 30
Office Bldg/Banks/Financial 10
Retail/Commercial 10
Industrial/Mfg/Warehousing 10
Restoration/Preservation 10

Metropolitan Airports Commission, Twin Cities Area; Lac Courte Oreilles Ojibwe Schools, Hayward, WI; Mount Airy Family Housing, St. Paul, MN; Burnsville Assisted Care Facility, Burnsville, MN; Pepisco Various Projects, Upper Midwest; Dakota Sioux Casino, Tokio, ND

DUFFNEY ARCHITECTURE
1016 Summit Ave.
P.O. Box 661
Detroit Lakes, MN 56502
Tel: 218/847-1851
Fax: 218/847-7203
Established 1983

— Richard E. Duffney
AIA

Firm Personnel by Discipline
Architectural 10
Commercial 20
Retail/Commercial 10
Churches/Worship 10
Municipal 20
Education/Academic 10
Building Code Analysis/Inspection 10

U.S. WEST Central Office Equipment Buildings - Detroit Lakes, Fergus Falls, Bemidji & Wadena, MN; United Methodist Church, Detroit Lakes, MN; Fair Hills Resort, Pelican Lake, MN; Wild Rice Electric Cooperative Office Headquarters, Mahnomen, MN; Garden Valley Telephone Office Headquarters, Erskine, MN

MAY/JUNE 1994 81
E

EKBERG ASSOCIATES, INC.
2140 Spruce Trail
Golden Valley, MN 55422
Tel: 612/586-6388
Fax: 612/586-6398
Established 1974
—

Elliott Ekberg, Jr. AIA

— Work %
Residences/New & Remodel. 5
Office Bldg/Banks/Financial 20
Retail/Commercial 10
Industrial/Mfg/Warehousing 40
Churches/Worship 20
Interior Architecture 5

—
Hypro Inc., New Brighton, MN; Ceramic Industrial Coatings Inc., Osseo, MN; Rose Distribution Center, Osseo, MN; Shaduck Residence, Eagan, MN; Douglas Corporation, Minneapolis, MN; Emtch Inc., Lino Lakes, MN

THE ELLERBE BECKET COMPANY
800 La Salle Avenue
Minneapolis, MN 55402-2014
Tel: 612/376-2000
Fax: 612/276-2271
Other Offices: New York, Washington D.C., Kansas City, MO, Los Angeles
Established 1909

—
Robert A. Degenhardt PE
William D. Chilton AIA
Robert E. DeBruin AIA
Barry W. Graham AIA
Robert E. Huddleston PE
Jack L. Hunter PE
James E. Jenkins AIA
Gregg P. Judge
H. Launso Kostka CPE
Gerald A. Simons AIA
Richard T. Varda AIA, ASLA
John L. Waugh AIA
David B. Whitehouse

— Firm Personnel by Discipline
Architectural 257
Engineering 181
Landscape Architects 9
Interior Designers 36
Other 19
Technical 133
Administrative 139
Total in Firm 774

— Work %
Office Bldg/Banks Financial 28
Medical/Health Care 29
Education/Academic 7
Sports 17
Government 14
Leisure 5

— Moskovy Bank, RUSSIA; Olympic Stadium, Atlanta, GA; Northwestern Memorial Hospital, Chicago, IL; New York Police Academy, NY, NY; LaSalle Plaza, Minneapolis, MN; Carlson School of Management, Minneapolis, MN

ELLIS ARCHITECTS
108 Walnut Street
Hudson, WI 54016
Tel: 715/386-8303
Fax: 715/386-2589
Established 1902
—
Elliot M. Anderson AIA
Robert S. Howard AIA
Stephen L. Pederson

— Firm Personnel by Discipline
Architectural 3.5
Administrative .5
Total in Firm 4

— Work %
Housing/Multi Family 20
Residences/New & Remodel. 20
Office Bldg/Banks/Financial 25
Retail/Commercial 10
Industrial/Mfg/Warehousing 10
Churches/Worship 10

— Pine Ridge Assisted Living Complex, Hudson, WI; First National Bank of Hudson - Crestview Branch, Hudson, WI; First Federal Bank of Eau Claire, Hudson, WI; Albrecht Residence, Red Wing, MN; Herberges Department Store, Benildi, MN; Willow River Elementary School Remodeling, Hudson, WI

TEA
2724 W. 43rd Street
Minneapolis, MN 55410
Tel: 612/629-2800
Fax: 612/629-2820
Established 1971

—
Tom Ellison AIA

— Firm Personnel by Discipline
Architectural 12
Administrative 2
Total in Firm 14

— Work %
Residences/New & Remodel. 30
Office Bldg/Banks/Financial 15
Industrial/Mfg/Warehousing 10
Schools/Community 5
Churches/Worship 5

— Waconia High School, Waconia, MN; Burnside Elementary School, Red Wing, MN; Elk River City Hall & Police Station, Elk River, MN; Savage Fire Station, Savage, MN; MN DOT/Metro Headquarters, Roseville, MN; Hartman Townhomes, Virginia, MN

ENGAN ASSOCIATES
316 West Becker Avenue
P.O. Box 89
Willmar, MN 56201
Tel: 612/235-0860
Fax: 612/235-0861
Established 1979

—
Richard P. Engan AIA

— Firm Personnel by Discipline
Architectural 6
Interior Designers 3
Administrative 2
Total in Firm 9

— Work %
Residences/New & Remodel. 10
Office Bldg/Banks/Financial 6
Industrial/Mfg/Warehousing 15
Churches/Worship 5
Municipal 20
Education/Academic 10
Restoration/Preservation 10
Interior Architecture 10
Recreational/Community 30

Braemar Arena, Edina, MN; Parkers Lake Pavilion, Plymouth, MN; Community Center Addition, Eden Prairie, MN; Groundwater Treatment Building, St. Louis Park, MN; Landscape Structures Inc., Orange/Manufacturing Building, Delano, MN; CTS Center Office Building, Richfield, MN

F

FARMSAN ARCHITECTURAL PRACTICE
2303 Fifth Street
White Bear Lake, MN 55110-3018
Tel: 612/426-9312
Established 1982

—
William T. Farnan AIA

— Work %
Residences/New & Remodel. 65
Retail/Commercial 10
Churches/Worship 15
Education/Academic 10
Restoration/Preservation 20
Interior Architecture 20

— Rothmeier Residence, Eagan, MN; Hamilton Residence, North Oaks, MN; Pow Residence, White Bear Lake, MN; Gethsemane Cemetery, New Hope, MN; Robertson-Smith Residence, Falcon Heights, MN; Bellows Residence, St. Paul, MN

EDWARD FARR ARCHITECTS, INC.
8400 Normandale Lake Blvd., Ste. 130
Bloomington, MN 55437
Tel: 612/831-6460
Fax: 612/831-6470
Established 1991

—
Edward Farr AIA

— Firm Personnel by Discipline
Architectural 2

— Work %
Office Bldg/Banks/Financial 70
Retail/Commercial 20
Industrial/Mfg/Warehousing 10
Interior Architecture 80

— ExecuTrain Corporate Offices & Training Center, Bloomington, MN; Room & Board Furniture Warehouse, Golden Valley, MN; Augsburg Fortress Bookstore, Chicago, IL; Chicago Steak & Fry/Limit-Up Pasta Restaurant, Bloomington, MN; Mona, Meyer, McGrath & Gavin Corporate Offices, Plymouth, MN

82 ARCHITECTURE MINNESOTA
James Forberg Architects, Minneapolis, MN; Evanston Library, Evanston, IL; Mercer County Libraries, Mercer County, NJ; IPP Office Park, Princeton, NJ

Carl Fredericksen AIA, Architect
1516 West Lake St., Ste. 222
Minneapolis, MN 55401
Tel: 612/823-8108
Fax: 612/823-3808-5
Established 1988

Firm Personnel by Discipline
Architectural 11
Engineering 2
Land Surveyor 1
Administrative 1
Total in Firm 16

Work %
Office Bldg/Banks/Financial 5
Medical/Healthcare 40
Churches/Worship 5
Municipal 10
Education/Academic 40

GALLAGHER ARCHITECTS
3609 Gettysburg Ave. N.
Minneapolis, MN 55427
Tel: 612/542-8259
Established 1981

Daniel P. Gallagher AIA

Work %
Office Bldg/Banks/Financial 20
Industrial/Mfg/Warehousing 20
Churches/Worship 20
Education/Academic 10
Restoration/Preservation 10

St. Vincent de Paul Catholic Church, Brooklyn Park, MN; The Lutheran Church of St. Philip the Deacon, Plymouth, MN; Banner Engineering Corp., Plymouth, MN; Malt-O-Meal Company, Ames Mill Restoration, Northfield, MN; St. Joseph's Home for Children, Chapel Remodeling, Minneapolis, MN; Lutheran Church of Peace, Maplewood, MN

GREEN, NELSON & WEAKER, INC., ARCHITECTS
6465 Wayzata Boulevard
Minneapolis, MN 55441
Tel: 612/593-0696
Fax: 612/593-0698
Established 1980

Kenneth Quass AIA

Firm Personnel by Discipline
Architectural 10
Other Technical 1
Administrative 1
Total in Firm 5

Work %
Office Bldg/Banks/Financial 10
Industrial/Mfg/Warehousing 40
Education/Academic 40
Correctional 10

Weyerhaeuser Co. Shipping Container Plant, Aurora, IL; Weyerhaeuser Co. Customer/Technical Center, Aurora, IL; Robbinsdale Schools, Elevator Additions & Renovations, MN; Columbia Heights Schools, Fire/Life Safety Renovations, MN; Albert Lea Schools Swimming Pool Renovation, MN; Stillwater Men's Correctional Facility, OSHA Renovations, MN

GROOTERS LEAPALDT TIDEMAN ARCHITECTS
816 W. St. Germain, Ste. 311
St. Cloud, MN 56301
Tel: 612/252-3740
Fax: 612/255-0683
Established 1976

David Leaphalt AIA

Firm Personnel by Discipline
Architectural 9
Administrative 3
Total in Firm 12

Work %
Office Bldg/Banks/Financial 20
Medical/Healthcare 20
Churches/Worship 20
Municipal 20
Education/Academic 25

MTC Transit Center, St. Cloud, MN; Ardliff Science Center, College of St. Benedict, St. Joseph, MN; Clare Residence Assisted Living Facility, Little Falls, MN; Waite Park Municipal Facility, Waite Park, MN

GROUP II ARCHITECTS P.A.
104 West Redwood
Marshall, MN 56258
Tel: 507/537-1511
Fax: 507/537-1512
Other Offices: Sioux Falls, SD
Established 1979

Thomas J. Osterberg AIA
Ronald D. Halgerson AIA
Paul H. Boerboom AIA

Firm Personnel by Discipline
Architectural 3
Interior Designers 1
Other Technical 2
Administrative 2
Total in Firm 10

Work %
Housing/Multiple 5
Office Bldg/Banks/Financial 20
Industrial/Mfg/Warehousing 20
Medical/Healthcare 10
Churches/Worship 10
Municipal 20
Education/Academic 25
Interior Architecture 5

LYON COUNTY COURTHOUSE, MARSHALL, MN; MARSHALL MUNICIPAL UTILITIES, MARSHALL, MN; CHURCH OF ST. ANN, SLAYTON, MN; SPRINGFIELD PUBLIC LIBRARY, SPRINGFIELD, MN; MINNESOTA VETERANS HOME, LURHOME, MN; CORPORATE OFFICE, MINNESOTA CORN PROCESSORS, MARSHALL, MN

GRUNDANIS & ASSOC.
185 N.E. Hartman Circle
Fridley, MN 55432
Tel: 612/571-8171
Established 1976

John V. Grundanis AIA

Consultant Services 100

HABITAT ARCHITECTURE
9901 Harrison Road, Ste. 318
Bloomington, MN 55437
Tel: 612/893-9672
Fax: 612/897-0623
Established 1991

Hamid M. Kashani AIA

Work %
Housing/Multiple 20
Residences/New & Remodel 10
Office Bldg/Banks/Financial 10

Yanke Glen Village, Eagan, MN; Story Residence, Independence, MN; Gestheme Cemetery Office Building, New Hope, MN; Norex Office Building, Prior Lake, MN; Berglund Residence, Plymouth, MN; Green-Leaf Park Townhomes, Apple Valley, MN
<table>
<thead>
<tr>
<th>Name</th>
<th>Firm/Position</th>
<th>Location</th>
<th>Telephone</th>
<th>Fax</th>
<th>Email</th>
<th>Website</th>
<th>Specialties</th>
<th>Work %</th>
</tr>
</thead>
<tbody>
<tr>
<td>HORTY, ELVING &amp; ASSOCIATES, INC.</td>
<td>Architect, Engineer, Interior Designers</td>
<td>Minneapolis, MN</td>
<td>612/332-4422</td>
<td>612/334-1289</td>
<td></td>
<td></td>
<td>Commercial, Industrial/Mfg/Warehousing</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>AIA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Medical/Healthcare</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>FAIA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Municipal</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Education/Academic</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TRUMAN HOWELL ARCHITECTS &amp; ASSOC. INC.</td>
<td>Architect, Planner</td>
<td>Minneapolis, MN</td>
<td>612/449-9903</td>
<td>612/449-0552</td>
<td></td>
<td></td>
<td>Medical/Healthcare</td>
<td>95</td>
</tr>
<tr>
<td></td>
<td>AIA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Interior Architecture</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BERNARD JACOB ARCHITECTS LTD.</td>
<td>Architect, Planner</td>
<td>Minneapolis, MN</td>
<td>612/332-5517</td>
<td>612/332-6211</td>
<td></td>
<td></td>
<td>Retail/Commercial</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>FAIA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Industrial/Mfg/Warehousing</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Medical/Healthcare</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Churches/Worship</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Mediation Services</td>
<td>10</td>
</tr>
</tbody>
</table>

**JAY H. ISENBERG, ARCHITECTS**

<table>
<thead>
<tr>
<th>Name</th>
<th>Firm/Position</th>
<th>Location</th>
<th>Telephone</th>
<th>Fax</th>
<th>Email</th>
<th>Website</th>
<th>Specialties</th>
<th>Work %</th>
</tr>
</thead>
<tbody>
<tr>
<td>JAY H. ISENBERG</td>
<td>Architect</td>
<td>Minneapolis, MN</td>
<td>612/870-7077</td>
<td>612/872-8680</td>
<td></td>
<td></td>
<td>Residences/New &amp; Remodel</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Retail/Commercial</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Industrial/Mfg/Warehousing</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Medical/Healthcare</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Churches/Worship</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Mediation Services</td>
<td>10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Firm/Position</th>
<th>Location</th>
<th>Telephone</th>
<th>Fax</th>
<th>Email</th>
<th>Website</th>
<th>Specialties</th>
<th>Work %</th>
</tr>
</thead>
<tbody>
<tr>
<td>DONALD H. HUSTAD</td>
<td>Architect, Planner</td>
<td>Hopkins, MN</td>
<td>612/933-3366</td>
<td></td>
<td></td>
<td></td>
<td>Residential</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Medical/Healthcare</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Churches/Worship</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Mediation Services</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JAMES/SNOW ARCHITECTS LTD.</td>
<td>Architect, Planner</td>
<td>Superior, MN</td>
<td>612/873-7027</td>
<td>612/871-8826</td>
<td></td>
<td></td>
<td>Residences/New &amp; Remodel</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Office Bldg/Banks/Financial</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Industrial/Mfg/Warehousing</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Municipal</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Institutional/Cultural</td>
<td>20</td>
</tr>
</tbody>
</table>

**JAFVERT MUELLER ARCHITECTS, INC.**

<table>
<thead>
<tr>
<th>Name</th>
<th>Firm/Position</th>
<th>Location</th>
<th>Telephone</th>
<th>Fax</th>
<th>Email</th>
<th>Website</th>
<th>Specialties</th>
<th>Work %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lloyd Jafrvet</td>
<td>Architect, Planner</td>
<td>Bloomington, MN</td>
<td>612/897-5073</td>
<td></td>
<td></td>
<td></td>
<td>Residential</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Medical/Healthcare</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Churches/Worship</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Mediation Services</td>
<td>10</td>
</tr>
</tbody>
</table>

**HOKANSON/LUNNING ASSOCIATES, INC.**

<table>
<thead>
<tr>
<th>Name</th>
<th>Firm/Position</th>
<th>Location</th>
<th>Telephone</th>
<th>Fax</th>
<th>Email</th>
<th>Website</th>
<th>Specialties</th>
<th>Work %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brad Hokanson</td>
<td>Architect</td>
<td>St. Paul, MN</td>
<td>612/221-0915</td>
<td>612/221-9814</td>
<td></td>
<td></td>
<td>Commercial, Industrial/Mfg/Warehousing</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Medical/Healthcare</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Municipal</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Education/Academic</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Retail/Commercial</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Industrial/Mfg/Warehousing</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Medical/Healthcare</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Churches/Worship</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Mediation Services</td>
<td>10</td>
</tr>
</tbody>
</table>

**MAY/JUNE 1994**
JOHNSON/PETERS

Architectural
Firm
Established 1990
—
Robert J. Johnson
Russell W. Peterson
—
Firm Personnel by Discipline
Architectural 8
Administrative 2
Total in Firm 10
—
Work %
Housing/Multiple 5
Residences/New & Remodel. 20
Office Bldg/Banks/Financial 5
Retail/Commercial 20
Industrial/Mfg/Warehousing 5
Churches/Worship 5
Municipal 5
Education/Academic 5
Total in Firm 40
—
James R. Jordan
Rolf L. Oliver
Peter D. Johnson
Kent S. Voge
—
Firm Personnel by Discipline
Architectural 8
Administrative 2
Total in Firm 10
—
Work %
Housing/Multiple 5
Medical/Healthcare 5
Master Planning/Program. 5
United Hospital Patient Focus Care Restucturing, St. Paul, MN;
Mercy/Unity Hospitals Operational Improvement Project, Coon Rapids &
Fridley, MN; Mayo Foundation, Hilton Building, Mycology Lab,
Rochester, MN; Couyuma Regional Medical Center, Alzheimer Addition,
Crosby, MN; Aspen Clinic, Addition & Remodeling, Minneapolis, MN; Sioux
Valley Hospital, New PT and Rehab Facility, Same Day Surgery, New Ulm,
VA Medical Center, ENT/Dental Remodel, Minneapolis, MN

JORDAN, SHELDON & SORENSEN
ARCHITECTS, INC.
10249 Yellow Circle Dr., Ste. 220
Minnetonka, MN 55343
Tel: 612/935-6337
Fax: 612/935-0678
Other Offices: Willmar, MN
Established 1972
—
Carley “Skip” Sorenson
Al Sheldon
Roger Johnson
—
Firm Personnel by Discipline
Architectural 11
Other Technical 1
Administrative 1
Total in Firm 14
—
Work %
Housing/Multiple 42
Retail/Commercial 8
Medical/Healthcare 2
Churches/Worship 10
Municipal 16
Education/Academic 22
—
Blue Earth Area Junior/Senior High School, Blue Earth, MN; Douglas
County Public Works Office Building,
Alexandria, MN; Mankato State
University Dormitories, Mankato,
MN; Mayfield Elderly Housing, Litt-
tle Canada, MN; Elderly Co-operative
Housing, Faribault, MN

JORDAN ARCHITECTS, P.A.
One West Water St., Ste. 200
St. Paul, MN 55107
Tel: 612/291-2701
Fax: 612/291-2710
Established 1986
—
KAGERMEIER SKAA
PAULSEN ASLESON
ARCHITECTS, INC.
526 S. Second Street
Mankato, MN 56001
Tel: 507/388-6271
Fax: 507/388-5499
Established 1986
—
James H. Kagermeier
Roger J. Skaar
Bryan Paulsen
A. David Asleson
Milan W. Skarpohl
—
Firm Personnel by Discipline
Architectural 7
Interior Designers 1
Other Technical 1
Administrative 2
Total in Firm 11
—
Work %
Office Bldg/Banks/Financial 40
Education/Academic 60
—
Mankato Depot Restoration, Manka-
to, MN; ISD #77 Middle School,
North Mankato & Elementary
School, Eagle Lake, MN; Taylor Cor-
poration, Inubator Building, North
Mankato, MN; North Port Industrial
Center, North Mankato, MN; Piper
Jaffray Offices, Mankato, MN;
Scholls All Sports, Mankato, MN

KILSTOFFE ASSOCIATES, INC.
As of 6/1994: 762 Twelve Oaks Center
15500 Wayzata Boulevard
Wayzata, MN 55391
Tel: 612/473-0277
Fax: 612/473-2830
Established 1958
—
Irwin H. Kilstoffe
Stephen D. Krause
—
Firm Personnel by Discipline
Architectural 2
Administrative 1
Total in Firm 3
—
Work %
Housing/Multiple 15
Residences/New & Remodel. 5
Office Bldg/Banks/Financial 15
Retail/Commercial 10
Industrial/Mfg/Warehousing 15
Medical/Healthcare 10
Churches/Worship 10
Municipal 10
Education/Academic 10
Restoration/Preservation 10
Interior Architecture 10
—
Holiday Inn St. Cloud, Suites Addi-
tion, St. Cloud, MN; Hudson Com-
pamy, Freezer Warehouse, Mendota
Heights, MN; Bank of Barron, Addi-
tion & Renovation, Barron, WI;
City of Albert Lea Community The-
atre, Renovation, Albert Lea, MN;
First National Bank of Montevideo,
Highway Seven Office, Montevideo,
MN; Church of St. Stanislaus, Reno-
vation, Wimona, MN

KLEIN McCARthy &
CO., LTD., ARCHITECTS
18300 Minnetonka Blvd.
Deephaven, MN 55391
Tel: 612/473-1505
Fax: 612/473-1626
Established 1977
—
Richard J. McCarthy
George F. Klein, Jr.
—
Firm Personnel by Discipline
Architectural 4
Administrative 1
Total in Firm 5
—
Work %
Residences/New & Remodel. 5
Office Bldg/Banks/Financial 5
Retail/Commercial 5
Industrial/Mfg/Warehousing 5
Education/Academic 20
Justice Facilities 60
—
Ottertail County Law Enforcement Center & Jail, Fergus Falls, MN;
Chis-
ago County Government Center &
Courthouse, Center City, MN;
Samlal County Law Enforcement Center &
Jail, Sandusky, ME; Inver Hills
Community College, Classroom/Administra-
tion Building, Inver Grove Rts., MN;
Renville County Law Enforcement Center & Housing Facility, Olivia, MN;
Brown County Law Enforcement Center & Jail, New Ulm, MN

BRUCE KNUTSON
ARCHITECTS, INC.
1128 Harmony Place, Ste. 308
Minneapolis, MN 55403
Tel: 612/332-8900
Fax: 612/332-7594
Established 1975
—
Bruce Knutson
—
Firm Personnel by Discipline
Architectural 4
Administrative 1
Total in Firm 5
—
Work %
Housing/Multiple 5
Residences/New & Remodel. 45
Office Bldg/Banks/Financial 15
Retail/Commercial 20
Industrial/Mfg/Warehousing 10
Churches/Worship 5
—
Johnson Residence, Minnetonka, MN;
Koch Residence, Medina, MN;
Mathisen Residence, Scottsdale, AZ;
Cashman Residence, Telluride, CO;
Rainbow Casino, WI; Winnebago Of-
Fice Complex, WI

KODET ARCHITECTURAL
GROUP, LTD.
5 Groveland Terrace
Minneapolis, MN 55403
Tel: 612/377-2737
Fax: 612/377-1331
Established 1983
—
**L. E. KOLLMEYER, ARCHITECT, INC.**

4101 Washburn Avenue S.
Minneapolis, MN 55410
Tel: 612/929-9844
Established 1984

- Larry Kollmeyer

  - Work %

- Housing/Multiple 25
- Residences/New & Remodel. 50
- Office Bldg/Banks/Financial 15
- Retail/Commercial 15
- Industrial/Mfg/Warehousing 10
- Churches/Worship 5

**KORNIEBEL ARCHITECTURE**

45 Washington Ave.
Hutchinson, MN 55350
Tel: 612/367-2483
Fax: 612/209-6336

Other Offices: Mankato, Mn.
Established 1969

- John W. Korniebel
- James Haugen

  - Firm Personnel by Discipline

- Architectural 3
- Administrative 2
- Total in Firm 5

  - Work %

- Housing/Multiple 20
- Office Bldg/Banks/Financial 30
- Industrial/MFG/Warehousing 30
- Churches/Worship 15
- Governmental (County, Etc.) 10

**Hutchinson Technology Manufacturing & Office Building, Hutchinson, MN; Quasi Transfer & Office Building, Winsted, MN; McLeod County Social Services & County Nurse Building, Glencoe, MN; 24-Unit Apartment Building, Faribault, MN**

**KRECH, O'BIEN, MUELLER & WASS INC.**

6115 Cahill Avenue E.
Inver Grove Heights, MN 55123
Tel: 612/451-4605
Fax: 612/451-9017

- James H. Krech
- Daniel J. O'Brien
- Brad R. Mueller
- Brian C. Wiss

  - Firm Personnel by Discipline

- Architectural 9
- Engineering 2
- Administrative 1
- Total in Firm 12

- Housing/Multiple 5
- Residences/New & Remodel.
- Office Bldg/Banks/Financial 15
- Retail/Commercial 10
- Industrial/Mfg/Warehousing 5
- Education/Academic 10
- Structural Consulting 10
- Cenex Imperial Manufacturing, Hampton, IA; Computer Control Building, Rosemount, MN; Agricultural Extension Building, U of M, Lamberton, MN; Old Dutch Potato Chips, Roseville, MN; Land O'Lakes Conference Center, Arden Hills, MN; Emergency Veterinary Clinic, Coon Rapids, MN

**MARTHA M. LEVIN**

1008 Cedar Lake Parkway
Minneapolis, MN 55416
Tel: 612/929-3331
Fax: 612/929-6395

- Marshall M. Levin

  - Forensic Architecture; Expert Witness Testimony; Failure Investigation; Building Evaluations; Research

**L & M ASSOCIATES, LTD.**

7151 Metro Blvd., Ste. 171
Edina, MN 55439
Tel: 612/944-7567
Fax: 612/944-7585

- Donald W. Lauka
- Raymond M. Mazorol

  - Firm Personnel by Discipline

- Architectural 2
- Interior Designers 1
- Other Technical 1
- Administrative 1
- Total in Firm 5

  - Work %

- Housing/Multiple 5
- Retail/Commercial 95

**LHB ENGINEERS & ARCHITECTS**

Lake Superior Place
21 W. Superior Place, Ste. 500
Duluth, MN 55802
Tel: 218/727-8446
Fax: 218/727-8456

- LAUREN L. LARSEN
- HARVEY H. HARVADA
- WILLIAM D. BENNETT
- DAVE SHEEDEY
- RICHARD A. CARTER
- JAMES S. BREW

  - Firm Personnel by Discipline

- Architectural 12
- Engineering 14
- Landscape Architects 1
- Interior Designers 1
- Other Technical 8
- Administrative 12
- Total in Firm 48

  - Work %

- Housing/Multiple 10
- Residences/New & Remodel. 5
- Office Bldg/Banks/Financial 5
- Industrial/Mfg/Warehousing 15
- Medical/Healthcare 20
- Churches/Worship 5
- Municipal 5
- Education/Academic 10
- Restoration/Preservation 5
- Healthy Building/Resource Efficient Design 5

**LIGHTOWER JOHNSON ASSOCIATES, INC.**

1001 Center Avenue, Ste. 1
Moorehead, MN 56560
Tel: 218/233-3512
Fax: 218/233-1353

- Frank Krathy
- Dennis Martin
- Stevan Dewald
- Jos. Lightowler, Jr.
- Winton Johnson

  - Firm Personnel by Discipline

- Architectural 3
- Engineering 8
- Land Surveyor 1
- Planners 1
- Other Technical 4
- Administrative 2
- Total in Firm 19

  - Work %

- Retail/Commercial 5
- Industrial/Mfg/Warehousing 20
- Medical/Healthcare 10
- Churches/Worship 5
- Municipal Bldg. & Engineer. 20
- Education/Academic 10
- Law Enforcement Centers 10
- Community Centers 20

**— Community Center, Milbank, SD; Community Center, Ball Club, MN; Perham Memorial Hospital, Out-Patient Addition, Perham, MN; USDA Soil Conservation Laboratory, Management Addition, Morris, MN; Law Enforcement Center, Cavalier, ND; Concordia College, Power Plant, Moorhead, MN**
GLEN L. LINDBERG/ARCHITECTS
3717 West 50th St.
Minneapolis, MN 55410
Tel: 612/922-2233
Fax: 612/922-5739
Established 1973

—
Glen L. Lindberg
AIA

—
Work %
Residences/New & Remodel 20
Office Bldg/Banks/Financial 10
Industrial/Mfg/Warehousing 25
Churches/Worship 10
Municipal 10
Education/Academic 10
Renovation 10
ADA Compliance 5

Computer Facilities for National
Computer Systems, Iowa City, IA;
Renovation of Wilson Tower Com-
plex, Corpus Christi, TX; Anoka
County Library Support Services
Building, Blaine, MN; Berean Bap-
tist Church Additions, Burnsville,
MN; National Guard Armory, Inver
Grove Heights, MN; Residence, Lake
Harriet, Minneapolis, MN

LINDBERG PIERCE, INC.
15 S. Fifth St., Ste. 1200
Minneapolis, MN 55402
612/332-3339
Fax: 612/344-1711
Established 1973

—
James H. Lindberg
Robert L. Pierce

AIA

—
Firm Personnel by Discipline
Architectural 6
Interior Designers 1
Other Technical 1
Administrative 1
Total in Firm 9

—
Work %
Office Bldg/Banks/Financial 10
Industrial/Mfg/Warehousing 10
Municipal 50
Education/Academic 5
Restoration/Preservation 15
Interior Architecture 10

Veterinary Diagnostic Laboratory,
University of Minnesota, St. Paul
Campus, MN; City of Robbinsdale
Public Safety Building, Robbinsdale,
MN; City of Hastings City Hall/Pe-
lice Department Historic Renova-
tion, Hastings, MN; State Bank of
Young America, Young America,
MN; City of Mendota Heights City
Hall, Mendota Heights, MN; City of
Inver Grove Heights Public Works
Complex, Inver Grove Heights, MN

JACK LINDEMAN -
SPECIFICATIONS
CONSULTANT
5000 First Ave. S.
Minneapolis, MN 55419
Tel: 612/824-8822
Established 1975

—
Jack Lindeman
AIA

—
Work %
 Specifications Consulting 100

DAVID P. LINNER,
ARCHITECT
10100 Morgan Ave S.
Bloomington, MN 55431
Tel: 612/884-6455
Fax: 612/884-6455
Established 1989

—
David P. Linner
AIA

—
Work %
Residences/New & Remodel 40
Office Bldg/Banks/Financial 15
Retail/Commercial 20
Industrial/Mfg/Warehousing 15
Churches/Worship 5
Municipal 5

—
Log Residence, Hayden lake, ID;
New Residence, Spring Park, MN;
Supermarket, Escanaba, MI; Com-
puter Room Expansion, Eden
Prairie, MN; Log, Avon, MN;
Kitchen Remodeling, Richfield, MN

ROLF LOKENSGARD
ARCHITECTURE
3932 Stonebridge Drive N., Ste. 100
St. Paul, MN 55123
Tel: 612/452-3251
Fax: 612/452-3251
Established 1978

—
Rolf Lokensgard
AIA

—
Work %
Housing/Multiple 20
Residences/New & Remodel 20
Office Bldg/Banks/Financial 20
Retail/Commercial 20
Churches/Worship 20
Education/Academic 15
Restoration/Preservation 10
Interior Architecture 10

The Links of Northfork Clubhouse,
Ramsay, MN; Midtown Commons
Office/Showroom Center, St. Paul,
MN; Bardwell-Ferrant Historic Reno-
vation, Minneapolis, MN; Federal
Credit Union, Circle Pines, MN;
Sunnyside Lutheran Church Addi-
tion & Renovation, Linwood, MN;
Downtown Central K-2 Public
School, Minneapolis, MN

M. F. ARCHITECTURE
2412 Fremont Avenue S.
Minneapolis, MN 55405
Tel: 612/374-1102
Established 1993

Merrithew Felt
AIA

—
Work %
Residences/New & Remodel 80
Retail/Commercial 20

Angela-Margaran Residence Remodel,
Garage & Studio, Minneapolis, MN;
Angela-Rose Addition, Omaha,
NE; Johnson Lynch Residence, Re-
model & Addition, Golden Valley,
MN; Kitchen, Restaurant Remodel, Los
Angeles, CA; Border Grill 2, Restaurant
Remodel (with Schweitzer BIM)

McDONALD AND MACK
ARCHITECTS, LTD.
712 Grain Exchange Building
400 S. Fourth Street
Minneapolis, MN 55415
Tel: 612/341-4051
Fax: 612/337-5843
Established 1976

—
Stuart E. MacDonald
Robert C. Mack
FAIA

—
Firm Personnel by Discipline
Architectural 4
Research Associate .5
Administrative 5
Total in Firm 10

Housing/Multiple 15
Residences New & Remodel 20
Office Bldg/Banks/Financial 15
Medical/Health Care 10
Churches/Worship 15
Restoration/Preservation 90
Museums 25

Restoration of President James A.
Garfield Home, Mentor, OH; Exteri-
or Restoration of V.A. Medical Cen-
ter, Sioux Falls, SD; Restoration of
"Southways", Orono, MN (with Be-
er, Blinder, Bell); Restoration of Wes-
ley United Methodist Church, Min-
nepolis, MN; Pond Residence, Palm
Springs, CA; Restoration of Split
Rock Lighthouse, Two Harbors, MN

PAUL MADSON +
ASSOCIATES, LTD.
420 North Fifth St., Ste. 806
Minneapolis, MN 55401
Tel: 612/332-7026
Fax: 612/332-5604
Established 1991

Paul Michael Madson
AIA

Kim Danielson Bretheim
AIA

—
Firm Personnel by Discipline
Architectural 3
Administrative .5
Total in Firm 3.5

Housing/Multiple 15
Residences/New & Remodel 30
Office Bldg/Banks/Financial 15
Retail/Commercial 10
Medical/Healthcare 10
Environm. Learning Cetr. 20

MICHAEL MCGUIRE,
ARCHITECT
423 S. Main Street
Stillwater, MN 55082
Tel: 612/439-3710
Fax: 612/439-3721
Established 1979

—
Michael G. McGuire
AIA

—
Work %
Housing/Multiple 15
Residences/New & Remodel 30
Office Bldg/Banks/Financial 15
Retail/Commercial 10
Medical/Healthcare 10
Environm. Learning Cetr. 20

MCCOY ARCHITECTS
1944 Cedar Lake Parkway
Minneapolis, MN 55416
Tel: 612/927-0546
Established 1982

—
Tim McCoy
AIA

—
Firm Personnel by Discipline
Architectural 3
Administrative 1
Total in Firm 4

Housing/Multiple 10
Office Bldg/Banks/Financial 10
Retail/Commercial 80

Byerly’s, Chanhassen, MN; West
Village Center, Retail, Chanhassen,
MN; Prairie Oaks Office Building,
Eden Prairie, MN; Pamida Stores,
Minnesota, Wisconsin & Montana;
West Lake Plaza, Forest Lake, MN;
Evergreen Square, Pine City, MN

McENARY, KRAFFT,
BIRCH & KILGORE
404 Griffitt Street
Hopkins, MN 55343
Tel: 612/938-6755
Established 1934

—
Robert A. Kilgore
AIA

—
Work %
Residences/New & Remodel 80
Industrial/Mfg/Warehousing 20

ARCHITECTURE MINNESOTA
The Inn at Terrace Point, Grand Marais, MN; St. Croix Watershed Research Station, Science Museum of MN; Marine on St. Croix, MN; Bennett/Wakeman Residence, Vale-leto, NM; Hollingsworth/Dyson Residence, Cannon Falls, MN; Environmental Learning Center at Deep Portage, Hackensack, MN

**JAMES NELSON McKELLIN III, ARCHITECT**
1632 Meadow Lark Drive St. Paul, MN 55102
Tel: 612/351-7667
Fax: 612/351-7668
Established 1977

James Nelson McKellin AIA
—
Firm Personnel by Discipline
Architectural 1
Administrative 1
Total in Firm 2

—
Work %
Housing/Multiple 80
Residences/New & Remodel. 10
Industrial/Mfg/Warehousing 10

24 Units Family Housing Apartments, Sturgis, SD; 10 Duplexes, Family Housing, Red Wing, MN; 10 Units Rehab Single Family Housing, Menomonie, WI; 25 Units Rehab Single Family Housing, Eau Claire, WI; 8 Units Elderly Housing, Dorchester, WI; Remodel 90 Units Public Housing, Beloit, WI

**MCELANDER, MELANDER & SCHILLING ARCHITECTS**
301 W. 1st St., Ste. 202
Duluth, MN 55802
Tel: 218/727-5044
Fax: 218/720-6761
Established 1971

—
Donald Knox Melander AIA
David A. Schilling AIA

—
Firm Personnel by Discipline
Architectural 3
Other Technical 1
Administrative 2
Total in Firm 6

—
Work %
Office Bldg/Banks/Financial 15
Industrial/Mfg/Warehousing 5
Municipal 20
Education/Academic 60

Thief River Falls Government Building, MN; DOT; MN; DOT Duluth Disttry Headquarters, MN; University of Minnesota Duluth Student Health Center, Duluth, MN; Canal Park Drive Entrance Tower, Duluth, MN; Lake Superior Center, Joint Venture with Holt, Hinsaw & James Snow Architects, Duluth, MN; Ordeon & Woodland Transitional School, Remodel & Additions, Duluth, MN

**MEYER/DONNAY INC. ARCHITECTS**
221 N. Sixth Street
Brainerd, MN 56401
Tel: 218/829-0219
Fax: 218/829-3988
Established 1993

—
Robert L. Meyer AIA
Kevin J. Donnay AIA

—
Work %
Housing/Multiple 25
Residences/New & Remodel. 10
Office Bldg/Banks/Financial 5
Education/Academic 30
Renovation/Remodel/Addn’s 30

—
Housing & Redevelopment Project, Brainerd, MN; Garfield School Addi-
tion/Remodeling, Brainerd, MN; Riverside School Addition/Remodel-
ing, Brainerd, MN; Renovations, 11 Schools IDS #181, Brainerd, MN; Housing & Redevelopment Projects, St. Cloud, MN; DNR District Head- quarters Building, Aitkin, MN

**MEYER, SCHERER & ROCKCASTLE, LTD.**
325 Second Avenue North
Minneapolis, MN 55401
Tel: 612/355-5036
Fax: 612/324-2216
Established 1961

—
Thomas Meyer AIA
Jeffrey A. Scherer AIA
Garth Rockcastle AIA

—
Firm Personnel by Discipline
Architectural 20
Interior Designers 2
Other Technical 3
Administrative 2.5
Total in Firm 26.5

—
Work %
Residences/New & Remodel. 5
Churches/Worship 5
Municipal 35
Education/Academic 10
Restoration/Preservation 20
Interior Architecture 10

—
Sahara West Library & Art Museum, Las Vegas, NV; Alliance Capital Management Office, First Bank Place, Minneapolis, MN; Hennepin County Library-Southdale, Edina, MN; Private Residence, Edina, MN; Dance Facility, University of Min-
esota, Minneapolis, MN; Janesville Public Library, Janesville, WI

**MILLER-DUNWIDDIE ASSOCIATES, INC.**
10540 Viking Drive, Ste. 125
Minneapolis, MN 55440
Tel: 612/941-0684
Fax: 612/941-0894
Established 1963

—
Craig R. Lau AIA
Charles D. Liddy AIA
Jim W. Miller AIA
John D. Mecum AIA
Mark J. Miller AIA

Firm Personnel by Discipline
Architectural 12
Other Technical 2
Administrative 2
Total in Firm 16

—
Work %
Housing/Multiple 20
Retail/Commercial 10
Industrial/Mfg/Warehousing 20
Medical/Healthcare 20
Municipal 10
Restoration/Preservation 50
Interior Architecture 50
Airports 20

—
Tilsner Artist Housing, St. Paul, MN; State Capitol Restoration, St. Paul, MN; Baslica of St. Mary Restoration, Minneapolis, MN; Blaisdell Regional Treatment Cen-
ter, Traumatic Brain Injury Unit, Brainerd, MN; Eden Park Apartment-
ments Rehabilitation, Brooklyn Park, MN; Equipment Maintenance Building, Minneapolis/St. Paul Interna-
tional Airport

**MILLER HANSON WESTERBECK BERGER, INC.**
1201 Hawthorne Ave.
Minneapolis, MN 55403
Tel: 612/332-5420
Fax: 612/332-5425
Established 1962

—
Wilton J. Berger AIA
John R. Miller AIA
James E. Hanson AIA, CSI
Larry W. Westerbeck AIA

Firm Personnel by Discipline
Architectural 12
Planners 1
Administrative 2
Total in Firm 15

—
Work %
Housing/Multiple 60
Office Bldg/Banks/Financial 5
Retail/Commercial 5
Medical/Healthcare 10
Education/Academic 20
Restoration/Preservation 5
Interior Architecture 5

—
Worthington Community College Expansion, Worthington, MN; Friend-
ship Manor/Assisted Living, Min-
neapolis, MN; Amberfield Apart-
ments, South Central MN; Garden Terrace Apartments, New Ulm, MN;
Nile Nursing Home, Minneapolis, MN; Forest Park/Lakeshore Place, Grand Rapids, MN

**MJORUD ARCHITECTURE**
12400 12th Avenue N.
Minneapolis, MN 55441-4612
Tel: 612/544-3871
Fax: 612/545-4354
Established 1988

—
Al Mjorud AIA

—
Work %
Residences/New & Remodel. 5
Office Bldg/Banks/Financial 10
Retail/Commercial 5
Industrial/Mfg/Warehousing 10
Churches/Worship 5
Municipal 50
Education/Academic 5
Restoration/Preservation 5
Interior Architecture 5

—
Building C - Public Utilities, Brooklyn Park, MN; American Heartland Roofing Products Inc., Plymouth, MN; Public Works Building, Lexing-
ton, MN; West Fire Station, Brook-
lyn Park, MN; Central Garage Addi-
tion, Brooklyn Center, MN; St. Croix Animal Shelter Inc., Woodbury, MN

MAY/JUNE 1994 89
MOHAGEN ARCHITECTS, LTD.
1421 East Wayzata Blvd, Ste. 70
Wayzata, MN 55391
Tel: 612/473-1985
Fax: 612/473-1340
Established 1989
—
Todd Mohagen
—
Firm Personnel by Discipline
Architectural
3
Interior Designers
1
Other Technical
5
Total in Firm
10
—
Work %
Residences/New & Remodel
20
Office Bldg/Banks/Financial
10
Other Technical
3
Total in Firm
33
—
Sarah Susanka
—
Firm Personnel by Discipline
Architectural
3
Other Technical
7
Administrative
3
Total in Firm
13
—
Dale Mulfinger
Sarah Susanka
Michaela Mahady
—
Firm Personnel by Discipline
Architectural
13
Other Technical
7
Administrative
3
Total in Firm
23
—
Wayne R. Nordgren
—
Residences/New & Remodel
90
Office Bldg/Banks/Financial
10
Retail/Commercial
5
Medical/Healthcare
35
Interior Architecture
10
—
Andersen Corporation, Health
Center/Personnel Office, Bayport,
MN; Lakeview Memorial Hospital,
Interior Remodel, Stillwater, MN;
Carlisle Residence, Edina, MN;
McBride Residence, Edina, MN;
Jones Residence, Maple Plain, MN;
J. P.'s Wines & Spirits Inc.,
Minneapolis, MN

M. NESETT ARCHITECTURE
197 Third Street
Excelsior, MN 55331
Tel: 612/474-1008
Fax: 612/474-8998
Mark L. Nesett
Susette L. Nesett
—
Firm Personnel by Discipline
Architectural
9
Administrative
3
Total in Firm
12
—
Work %
Residences/New & Remodel
80
Office Bldg/Banks/Financial
10
Interior Architecture
10
—
Ruggles Residence, Lake Sylvia, MN;
Swanson Residence, Lake Minnetonka,
MN; Finger/Hess Residence,
Lake Sylvia, MN; Marrino Studio,
Excelsior, MN; Brauer Residence,
Lake Sylvia, MN; Americanica
National Bank, Chanhassen, MN

Sarah Nettleton ARCHITECTS
Architecture & Garden Design
2724 West 43rd Street
Minneapolis, MN 55405
Tel: 612/929-2505
Fax: 612/929-2820
Established 1989
—
Sarah Nettleton
—
Firm Personnel by Discipline
Architectural
1
Administrative
.5
Total in Firm
1.5
—
Work %
Residences/New & Remodel
50
Garden Design
50
—
Plank Residence and Landscape,
Lek Ranch, Banner, WY; Private
Guest House and Stable, Vail, CO;
Cowles Residence Remodel and
Garden, Minneapolis, MN; Various
Private Gardens, Minneapolis, St. Paul
and Medina, MN

NORDGREN ARCHITECTS
5016 Ridge Road
Minneapolis, MN 55436
Tel: 612/933-8025
Fax: 612/933-8025
Established 1980
—
Wayne R. Nordgren
—
Residences/New & Remodel
10
Office Bldg/Banks/Financial
5
Retail/Commercial
5
Medical/Healthcare
35
Interior Architecture
10
—
Andersen Corporation, Health
Center/Personnel Office, Bayport,
MN; Lakeview Memorial Hospital,
Interior Remodel, Stillwater, MN;
Carlisle Residence, Edina, MN;
McBride Residence, Edina, MN;
Jones Residence, Maple Plain, MN;
J. P.'s Wines & Spirits Inc.,
Minneapolis, MN

NORVAN INC.
551 Edgedoor Dr.
Brainerd, MN 56401
Tel: 218/828-1722
Fax: 218/828-0487
Established 1978
Steve Northway
Brooke Silvernail
Robert Sweezy
Marty Carbon
—
Firm Personnel by Discipline
Architectural
5
Other Technical
16
Total in Firm
21
—
Work %
Housing/Multiple
10
Residences/New & Remodel
30
Office Bldg/Banks/Financial
20
Retail/Commercial
20
Industrial/Mfg/Warehouse
5
Medical/Healthcare
10
Education/Academic
5
—
Glen Cook Residence, Brainerd, MN;
Max Pettger Residence, Brainerd,
MN; Frank Lushine Residence,
Amandale, MN; Cuyla Regional
Medical Center, Crosby, MN;
Detroit Lakes Technical College
Expansion, Detroit Lakes, MN; El-Ray
Expansion Projects, Motley, MN

OPUS ARCHITECTS & ENGINEERS, INC.
700 Opus Center
9900 Bren Road East
Minnetonka, MN 55343
Tel: 612/936-4660
Fax: 612/935-1366
Other Offices: Chicago, Tampa,
Phoenix
Established 1990
—
John Albers
Dennis Neu
Donald C. Russell
—
Firm Personnel by Discipline
Architectural
18
Engineering
7
Interior Designers
1
Administrative
4
Total in Firm
30
—
Work %
Housing/Multiple
5
Office Bldg/Banks/Financial
20
Retail/Commercial
20
Industrial/Mfg/Warehouse
35
Municipal
5
Education/Academic
10
Interior Architecture
5
University of St. Thomas, Minneapo-
is, MN; ConAgra Corporate Cam-
pus, Omaha, NE; Fourth Avenue
Parking Ramp, Minneapolis, MN;
Edward J. DeLaForest/Plumber,
Minneapolis, MN; West Publishing
Campus, Eagan, MN; Marucci
Hockey Arena, University of Min-
nnesota, Minneapolis, MN

ORR-SCHELEN-
MAYERON & ASSOCIATES, INC.
300 Park Place Center
5775 Wayzata Blvd.
Minneapolis, MN 55416-1228
Tel: 612/595-5775
Fax: 612/595-5773
Other Offices: Eau Claire, WI
Established 1992
—
B. A. Mittelstaedt
Jerry A. Turner
Marlin D. (Butch) Larsen
James J. Sebesta
Edward J. DeLaForest
Paul J. Bloember
—
Firm Personnel by Discipline
Architectural
9
Engineering
50
Landscape Architects
1
Planners
1
Other Technical
59
Administrative
23
Total in Firm
143
—
Work %
Office Bldg/Banks/Financial
5
Retail/Commercial
5
Industrial/Mfg/Warehouse
30
Medical/Healthcare
35
Municipal
20
Education/Academic
15
Interior Architecture
20
Sioux Valley Hospital, Inpatient Unit
Consolidation, New Ulm, MN;
HealthEast, Master Plan/Feasi-
ability, Inver Grove Heights, MN;
Transportation Corp. of America/ 
Fraunshuh Co., Eagan, MN; St.
Joseph's Hospital, Linear Accelerat-
or & Simulator, St. Paul, MN; 3M
Plant Expansion, Cottage Grove,
MN; Water Treatment Plant, Rich-
field, MN

90 ARCHITECTURE MINNESOTA
THE OSTBERG ARCHITECTS
475 Cleveland Avenue N., Ste. 202
St. Paul, MN 55104
Tel: 612/647-9682
Fax: 612/647-9635
Established 1980
- Linda Ostberg - AIA
- Firm Personnel by Discipline
  Architectural 2
  Administrative 1
  Total in Firm 3
  Work %
  Residences/New & Remodel. 20
  Office Bldg/Banks/Financial 25
  Retail/Commercial 10
  Education/Academic 25
  Interior Architecture 20

American Linen National Office,
Minneapolis, MN; MTC Transit Hub, St. Paul, MN; MNDOT Training Center, Remodeling, Arden Hills, MN; Steiner Residence, Addition, Wayzata, MN; Central High School, Child Care Center, St. Paul, MN; PHA Office, Remodeling & Addition, St. Paul, MN

DON PATES, AIA
Architects/Planners
1291 Charlton St.
St. Paul 55118-2122
Tel: 612/457-3974
Established 1981
- Don Pates - AIA
  Work %
  Housing/Multiple 30
  Residences/New & Remodel. 30
  Office Bldg/Banks/Financial 10
  Retail/Commercial 20
  Restoration/Preservation 20
  Infrared Thermography Consultant 30

Peter K. Paulson Architect
2108 31st Avenue S.
Minneapolis, MN 55406
Tel: 612/341-2386
Established 1990
- Peter K. Paulson - AIA
  Work %
  Residences/New & Remodel. 90
  Retail/Commercial 10
  Abraham Residence, Addition & Remodeling, Coon Rapids, MN; Wilkins Residence, Addition & Remodeling, Golden Valley, MN; Hawkins Residence, Remodeling, Plymouth, MN; Uisdin/Nemer Residence, Remodeling, Mendota, MN; Seemann Residence, Addition & Remodeling, Lakeville, MN; Addition & Remodeling, Bloomington, MN

PETER K. PAULSON
ARCHITECT
2108 31st Avenue S.
Minneapolis, MN 55406
Tel: 612/341-2386
Established 1990
- Peter Paulson - AIA
  Work %
  Residences/New & Remodel. 90
  Retail/Commercial 10

POPE ASSOCIATES INC.
1360 Energy Park Drive
St. Paul, MN 55108
Tel: 612/642-9200
Fax: 612/642-1101
Established 1974
- Robert L. Pope - AIA, PE
  - Jon R. Pope - AIA
  - Daniel M. Kleeke - AIA
  - Paul Holmes - AIA
  - Firm Personnel by Discipline
    Architectural 13
    Interior Designers 2
    Other Technical 5
    Administrative 4
    Total in Firm 24
  - Work %
    Office Bldg/Banks/Financial 20
    Retail/Commercial 30
    Industrial/Mfg/Warehousing 30
    Education/Academic 10
    Interior Architecture 20

POURH ARCHITECTS
81 S. 9th Street, Ste. 220
Minneapolis, MN 55402
Tel: 612/576-9628
Fax: 612/576-9626
Established 1991
- Andrew Porth - AIA
  - Work %
    Residences/New & Remodel. 80
    Retail/Commercial 20
    Restoration/Preservation 15
    Interior Architecture 20

PRAIRIE CREEK ARCHITECTS
6735 E. 145th Street
Northfield, MN 55057
Tel: 507/645-6315
Established 1992
- Gary B. Hanson - AIA
  - Work %
    Residences/New & Remodel. 40
    Education/Academic 60

PROFESSIONAL DESIGN GROUP
105 E. Fourth Street
P.O. Box 641
Northfield, MN 55057
Tel: 507/645-2298
Fax: 507/645-2393
Established 1993
- Jim D. Brancher - PE
  - Alan W. Nations - AIA
  - Work %
    Retail/Commercial 20
    Industrial/Mfg/Warehousing 75
    AIA Compliance 5

THE LEONARD PARKER ASSOCIATES, ARCHITECTS, INC.
430 Oak Grove, Ste. 300
Minneapolis, MN 55403
Tel: 612/271-6868
Fax: 612/271-6868
Established 1957
- Leonard S. Parker - FAIA
- Gary J. Mahaffey - FAIA
- Francis A. Baliboul - AIA
- Stephen S. Hah - AIA
- Raymond D. Greco - AIA
- B. Aaron Parker - AIA
  - Firm Personnel by Discipline
    Architectural 18
    Other Technical 4
    Administrative 5
    Total in Firm 27
  - Work %
    Office Bldg/Banks/Financial 10
    Municipal 10
    Education/Academic 20
    Restoration/Preservation 5
    Interior Architecture 5
    Libraries 20
    Justice 20
    Planning 5
    Convention Centers 15

Pierce Reece Architects, P.A.
219 S.E. Main Street, Ste. 400
Minneapolis, MN 55414
Tel: 612/537-9230
Fax: 612/537-2448
Established 1992
- Harold M. Pierce - AIA
- Frank L. Reese - AIA
  - Firm Personnel by Discipline
    Architectural 2
    Interior Designers 1
    Other Technical 5
    Total in Firm 3
  - Work %
    Housing/Multiple 25
    Residences/New & Remodel. 10
    Office Bldg/Banks/Financial 10
    Retail/Commercial 20
    Industrial/Mfg/Warehousing 25
    Churches/Worship 5
    Municipal 5
    Restoration/Preservation 5
    Interior Architecture 20

Westgate III Business Center, St.
Paul, MN; Cottage Villas of Arden Hills, MN; Gideon Woods, Shorewood, MN; Buffalo Cinema, Buffalo, MN; Onamia Motel, Onamia, MN; Family Bank, Eden Prairie, MN

Geriatrician Employers Services, Multiple Locations Nationwide; Tetra Pak Research Center, Buffalo Grove, IL; Target Retail Stores, Multiple Locations Nationwide; Lakeville Ice Arena, Lakeville, MN; McLean Midwest Office/Manufacturing Facility, Champlain, MN

Prairie Creek Architects
6735 E. 145th Street
Northfield, MN 55057
Tel: 507/645-6315
Established 1992
- Gary B. Hanson - AIA
  - Work %
    Residences/New & Remodel. 40
    Education/Academic 60

Professionals Design Group
105 E. Fourth Street
P.O. Box 641
Northfield, MN 55057
Tel: 507/645-2298
Fax: 507/645-2393
Established 1993
- Jim D. Brancher - PE
  - Alan W. Nations - AIA
  - Work %
    Retail/Commercial 20
    Industrial/Mfg/Warehousing 75
    AIA Compliance 5

Professional O-Meal Company, Northfield, MN; Quebecor Printing Company, St. Cloud, MN; Crown Cork, Owatonna, MN; BFI Recycling, Minneapolis, MN; Emma’s Restaurant, Belle Plaine, MN

MAY/JUNE 1994 91
JAMES V. DAHLBERG
Minneapolis, Mn
Tel: 612/476-6108

RALPH RAPSON & ASSOCIATES, INC.
409 Cedar Avenue S.
Minneapolis, MN 55454
Tel: 612/333-4561
Fax: 612/333-4318
Established 1954

RALPH RAPSON
Thomas Rapson
Firm Personnel by Discipline
Architecture
Planners
Administrative
Total in Firm

Residences/New & Remodel.
Retail/Commercial
Churches/Worship
Education/Academic
Restoration/Preservation
Interior Architecture
Parking Parks
Sport & Recreation Facility, Southwestern State University, Marshall, MN;
Rarig Center - Performing Arts, Radio/TV/Television, University of Minnesota, Minneapolis, MN; Performing Arts and Fine Arts Facility, University of Minnesota Morris, Morris, MN; Little Falls Lutheran Church, Little Falls, WI; Chicago Crossings Retail Complex, Minneapolis, MN; Lentz/Polesky Residence, Minneapolis, MN

RICE STROMGREN ARCHITECTS
500 South Front
Mankato, MN 56001
Tel: 507/625-3632 and 4404 Wentworth Avenue
Minneapolis, MN 55409
Fax: 612/822-7802
Established 1961

Jeff Stromgren
Richard L. Rice
Firm Personnel by Discipline
Architectural

Housing/Multiple
Residences/New & Remodel.
Office Bldg/Banks/Financial
Retail/Commercial
Industrial/Mfg/Warehousing
Churches/Worship
Municipal
Education/Academic
Restoration/Preservation
Interior Architecture

Downtown Renovation, Chisago City, MN; Park Design, Chisago City, MN; St. Paul Lutheran Church, Le Center, MN; Holm Industries Manufacturing, Addition, New Ulm, MN; Engstrand Residence, Bloomington, MN; Happy Chef Restaurant, Adair, IA

RIEKE CARROLL MULLER ASSOCIATES, INC.
10901 Red Circle Drive, Ste. 200
P.O. Box 130
Minnetonka, MN 55343
Tel: 612/935-6901
Fax: 612/935-8814
Other Offices: Gaylord, Grand Rapids, St. Cloud, MN
Established 1955

Robert C. Robertson
Robert F. Roskop
Sam L. Claassen
Harry Koutsoumbos
Douglas Parrott
Glen Hodgson
John Monnens

Firm Personnel by Discipline
Architectural
Engineering
Other Technical
Administrative
Land Surveyors (Reg.)

Stouer Residence, Eden Prairie, MN; Leonardt Residence, Remodeling, North Oaks, MN; Cook Residence, Remodeling, Waconia, MN; Peterson Residence, Bald Eagle Lake, MN; Yahwanke Residence, Le Sueur, MN; Thompson Residence, Remodeling, St. Paul, MN

RSP ARCHITECTS, LTD.
120 First Avenue N.
Minneapolis, MN 55401
Tel: 612/339-0313
Fax: 612/339-6760
Established 1978

Alexander F. Ritter
Michael J. Plautz
Dick B. Daniels
Jim Fitzhugh
Robert M. Lucius
David C. Norback
Terry Wukon

Firm Personnel by Discipline
Architectural
Interior Design
Other Technical
Administrative

Housing/Multiple
Office Bldg/Banks/Financial
Retail/Commercial
Industrial/Mfg/Warehousing
Medical/Healthcare
Education/Academic

IHS Financial Services, Inc., Workplace Enhancement Program, Minneapolis, MN; Roseville Area Schools ISD #623, Edgerton Elementary School, Roseville, MN; McDonnell Douglas Corporation, Space Station Freedom Assembly Facility, Huntington Beach, CA; Montgomery Ward, New Stores & Renovations, Multiple Locations; University of Minnesota, Biological Sciences Addition, St. Paul, MN; Minnesota Air National Guard Flight Simulator, Mpls/St. Paul International Airport

THE RUNYAN/VOGEL GROUP, INC.
1300 Godward Street N.E., Ste. 6200
Minneapolis, MN 55413
Tel: 612/579-4100
Fax: 612/379-4847
Established 1973

David T. Runyan
Gary J. Vogel

Firm Personnel by Discipline
Architectural
Engineering
Other Technical

Housing/Multiple
Office Bldg/Banks/Financial
Retail/Commercial
Industrial/Mfg/Warehousing
Medical/Healthcare

Bassbrook Community Center, Bassbrook, MN; Cambridge Area DNR, Cambridge, MN; International Falls Water Treatment Facility, International Falls, MN; Owatonna Country Club Pro Shop, Owatonna, MN; Unity Radiation Therapy, Fridley, MN; Eden Prairie Center Elevated Tank, Eden Prairie, MN

R

RAFFERTY RAFFERTY TOLLEFSON
ARCHITECTS, INC.
253 E. Fourth Street
St. Paul, MN 55101
Tel: 612/224-8331
Fax: 612/228-4264
Established 1961

George E. Rafferty
Richard J. Rafferty
Craig E. Rafferty
Lee E. Tollefson
Albert ("Chip") Lundeke, III

Firm Personnel by Discipline
Architectural
Other Technical
Administrative
Total in Firm

Office Bldg/Banks/Financial
Retail/Commercial
Churches/Worship
Municipal
Education/Academic

Wayzata Community Church, Master Plan, Wayzata, MN; Saint John’s University, Sexton Commons (Campus Center), Collegeville, MN; Carleton College, Science Complex & Library, Northfield, MN; St. Thomas Becket Catholic Church, Eagan, MN; Bethel Lutheran Church, Northfield, MN; Creitz-Dorham Hall High School, Fine Arts Theater & Master Plan, St. Paul, MN

RDB ARCHITECTS
420 E. County Road D
Little Canada, MN 55117
Tel: 612/483-1090
Fax: 612/483-6441
Established 1989

Timothy Sullivan

Firm Personnel by Discipline
Architectural
Engineering
Other Technical
Administrative
Land Surveyors (Reg.)

Total in Firm

Office Bldg/Banks/Financial
Retail/Commercial
Industrial/Mfg/Warehousing
Medical/Healthcare
Municipal

R

ARCHITECTS MINNESOTA
92
Deluxe Corp. Printing Plant, Mountain Lakes, NJ; St. Anthony Dental Clinic, St. Anthony, MN; Normandale Golf Course Clubhouse, Edina, MN; Laborers Education & Training Center, Lino Lakes, MN; Walgreens’, Edina, MN; Camp Ripley, Winterized Housing Facilities, Little Falls, MN

**RUST ARCHITECTS, P.A.**
2179 24th Street
White Bear Lake, MN 55110
Tel: 612/410-1913
Fax: 612/429-7561
Other Offices: Webb Lake, WI
Established 1980
William E. Rust
Firm Personnel by Discipline
Architectural 3
Administrative 1
Total in Firm 4

---

Work %
Residences/New & Remodel. 40
Office Bldg/Banks/Financial 20
Retail/Commercial 20
Industrial/Mfg/Warehousing 10
Municipal 10

---

Pool & Yacht Club, Lower Level Renovation, Lilydale, MN; Arlington House Emergency Shelter, St. Paul, MN; North Star Bank, White Bear Lake, MN; 1992 St. Paul Winter Carnival Ice Palace, St Paul, MN; Regional Applebees’ Restaurants, Island Residence, White Bear Lake, MN

---

**CHRISTINE SCHULTZE ARCHITECT**
505 Eighth Avenue S.W.
Rochester, MN 55902
Tel: 507/282-0339
Established 1991
E. Christine Schultz
Firm Personnel by Discipline
Architectural 3
Administrative 1
Total in Firm 4

---

Work %
Residences/New & Remodel. 50
Design Guidelines for Small Projects 50
Design Guidelines for Renovations & Additions to Farm Home & Artist’s Studio, Rochester, MN; Garden Room & Pool Addition, Rochester, MN; Ongoing Renovation of Historic Pill Hill Home, Rochester, MN; Design Guidelines for New Home Sited to Site Using Traditional Forms, Rochester, MN

---

**RICHARD SCHWARZ ARCHITECTS, INC.**
3952 Louisiana Avenue S.
Minneapolis, MN 55426
Tel: 612/926-1156
Fax: 612/926-0453
Established 1970
Richard Schwarz
Firm Personnel by Discipline
Architectural 2
Administrative 1
Total in Firm 3

---

Work %
Residences/New & Remodel. 55
Retail/Commercial 20
Industrial/Mfg/Warehousing 20
Churches/Worship 20
Restoration/Preservation 15
Recreation 45

---

Marquee Place, Wayzata, MN;
Grace Church Renovation, Edina, MN;
Church of Jesus Christ of Latter Day Saints, Rochester, MN;
Impressions, Inc., St. Paul, MN;
State Academy for the Deaf Restoration, Faribault, MN;
Island Lake Park Shelters, Shoreview, MN

---

**SEH ARCHITECTURE**
3335 Vadnais Center Drive
St. Paul, MN 55110
Tel: 800/325-2055
Fax: 612/490-2150

---

Other MN Offices:
St. Cloud: Tel: 800/572-0617
Fax: 612/251-8760
Minnetonka: Tel: 612/931-9501
Fax: 612/931-1188
Also: Chippewa Falls, Madison, WI
Established 1927

---

Robert F. Pauly
Richard A. Olsen
Bradley E. Forbrok
Donald E. Land
Gary R. Gray
Firm Personnel by Discipline
Architectural 24
Engineering 84
Landscape Architects 1
Interior Designers 1
Planners 4
Other Technical 64
Administrative 50
Total in Firm 228

---

Work %
Housing/Multi-Unit 15
Office Bldg/Banks/Financial 10
Retail/Commercial 10
Industrial/Mfg/Warehousing 10
Medical/Healthcare 5
Education/Academic 40
Restoration/Preservation 15
Interior Architecture 15

---

Charles A. Lindbergh Elementary, Addition & Remodeling, Little Falls, MN; Milaca Schools, Addition & Remodeling, Milaca, MN; Becker Community Center, Becker, MN; St. Olaf Residence Assisted Living, Minneapolis, MN; Central Minnesota Group Health Addition & Remodeling, St. Cloud, MN; New High School, Foley, MN

---

**SETTER, LEACH & LINDSTROM, PA**
1100 Peavey Building
2nd Avenue at 8th Street
Minneapolis, MN 55402-2454
Tel: 612/338-8741
Fax: 612/338-4840
Established 1917
Richard Vasatka
George Theodore
Basil Filinowski
John Litchy
Howard Golitz
Richard Speers
Firm Personnel by Discipline
Architectural 33
Engineering 55
Interior Designers 1
Administrative 21
Total in Firm 110

---

Work %
Office Bldg/Banks/Financial 10
Retail/Commercial 30
Industrial/Mfg/Warehousing 30
Education/Academic 25
Interior Architecture 5

---

White Bear Lake Schools, Addition & Remodeling of 14 Schools, White Bear Lake, MN; Sioux Falls Convention Center, Sioux Falls, SD; Syss/Balbroah, Food Distribution Center, Baraboo, WI; Johnson & Higgins Office Expansion, Minneapolis, MN; Graco, Inc., Technical Center Addition, Minneapolis, MN; Wisconsin Evangelical Lutheran Church, Addition & Remodeling of Dr. Martin Luther College, New Ulm, MN

---

**STEVEN SETZER, ARCHITECT**
2000 W. Main Street, Ste. 347
Red Wing, MN 55066
Tel: 612/385-2218
Fax: 612/385-2221
Established 1988
Steven Setzer
Firm Personnel by Discipline
Architectural 2

---

Work %
Housing/Multi-Unit 20
Residences/New & Remodel. 20
Office Bldg/Banks/Financial 30
Retail/Commercial 10
Industrial/Mfg/Warehousing 5
Churches/Worship 5
Restoration/Preservation 15

---

Eagle Office Building Remodeling, Red Wing, MN; Cannon Valley Trail Vehicle Building, Welch, MN; First Lutheran Church Renovation, Red Wing, MN; Sorensen Financial Office, Red Wing, MN; Speight Building Storefront Renovation, Red Wing, MN

---

**SACCOMAN ARCHITECTURE, LTD.**
515 E. Howard Street
Hibbing, MN 55746
Tel: 218/262-4059
Fax: 218/262-4059
Established 1985
Roger Saccoman

---

Work %
Office Bldg/Banks/Financial 10
Medical/Healthcare 20
Municipal 20
Education/Academic 50

---

Cafeteria & Kitchen Additions, ISD #2141/St. Louis County Public Schools, MN; Two Fire Halls, Cook & Keewatin, MN; Classroom Remodeling, ISD #4319/Nashua/Keewatin Public Schools; Hospital Addition, Cook, MN

---

**SALMELA FOSDICK LTD.**
394 Lake Avenue S.
Duluth, MN 55802
Tel: 218/722-0059
Fax: 218/722-1643
Established 1991
David P. Salmela
Cheryl Fosdick

---

AIA

---

**MAY/JUNE 1994**
SHEA ARCHITECTS, INC.
100 N. 6th Street, Ste. 300A
Minneapolis, MN 55403
Tel: 612/339-2257
Fax: 612/339-2930
Established 1978

David A. Shea III AIA
Firm Personnel by Discipline
Architectural 28
Interior Designers 8
Other Technical 1
Administrative 7
Total in Firm 44

Work %
Office Bldgs/Banks/Financial 50
Retail/Commercial 45
Medical/Healthcare 5
Restoration/Preservation 5
Interior Architecture 70

One Financial Plaza, Renovation, Minneapolis, MN; Trailmark, Retail, Minneapolis, MN; IDS Center, Renovation, Minneapolis, MN; City Center, Retail, Minneapolis, MN; Tang's, Restaurant, Minneapolis, MN; Goldsmith, Agio (NW 12th Floor) Office, Minneapolis, MN

SIRNY ARCHITECTS, INC.
100 Union Plaza
333 Washington Avenue N.
Minneapolis, MN 55401
Tel: 612/341-1070
Fax: 612/341-2124
Other Offices: Los Angeles, Naples, Houston
Established 1983

John E. Sirny AIA
Laurence A. Page
Gregg Hackett
Lazlo G. Fulop
Firm Personnel by Discipline
Architectural 7
Interior Designers 1
Planners 2
Administrative 1
Total in Firm 11

Work %
Residences/New & Remodel. 10
Retail/Commercial 20
Medical/Healthcare 5
Municipal 10
Education/Academic 25
Interior Architecture 35
Golf Clubhouses 30
Audubon Center of the North
Woods, Sandstone, MN; Minneapolis
Golf Club, St. Louis Park, MN;
Alexander Technical College, Classroom & Lab Building, Alexandria, MN; St. Cloud Technical College, Master Plan, St. Cloud, MN; University of Minnesota, Wilson Library Remodeling, Minneapolis, MN; Minnehaha Club, Renovation & Addition, Minneapolis, MN

SKAADEN-HELMES ARCHITECTS, INC.
401 N. 3rd Street, Ste. 100
Minneapolis, MN 55401-1334
Tel: 612/339-9560
Fax: 612/339-5067
Other Offices: Bayfield, WI
Established 1987

Craig M. Skaaden AIA
L. Scott Helmes AIA
Firm Personnel by Discipline
Architectural 1
Interior Designers 2
Other Technical 3
Total in Firm 7

Work %
Office Bldgs/Banks/Financial 8
Medical/Healthcare 9
Education/Academic 4

Hennepin County Medical Center, Cardiology Remodel, Minneapolis, MN; Gillette Children's Hospital, 1993 Remodeling Projects, St. Paul, MN; Columbia Park Clinics, A.D.A. Compliance Survey, Twin Cities, MN; Cardio-Renal Clinic, Midwest Plaza, Minneapolis, MN; Medical Clinic, Richfield, MN; Isles Medical Group, Minneapolis, MN

SKD ARCHITECTS, INC.
9800 Sheldar Parkway, Ste. 110
Minneapolis, MN 55441
Tel: 612/591-6115
Fax: 612/591-6119
Established 1977

Steve Kleineman AIA
Firm Personnel by Discipline
Architectural 4
Interior Designers 1
Other Technical 2
Administrative 3
Total in Firm 9

Work %
Residences/New & Remodel. 30
Office Bldgs/Banks/Financial 10
Retail/Commercial 10
Industrial/Mfg/Warehousing 10
Municipal 20
Restoration/Preservation 5
Interior Architecture 30

Paddock Laboratories Corporate Headquarters & Manufacturing Facility, New Hope, MN; Merrill Corporation Expansion & Nationwide Offices, St. Paul, MN; Jacobs Trading Company, Minneapolis, MN; Wildwood Branch Library, Mahomedi, MN; Kaplan Residence, Minnetonka, MN; Galway Residence, Sioux City, IA

SMILEY GLOTTER NYBERG ARCHITECTS, INC.
1021 LaSalle Avenue
Minneapolis, MN 55403
Tel: 612/332-1401
Fax: 612/332-1405
Established 1946

Gary Nyberg AIA, ASID
S. C. Smiley FAIA
Joel Glotter AIA
Firm Personnel by Discipline
Architectural 9
Landscape Architecture 1
Interior Designers 3
Administrative 3
Total in Firm 15

Work %
Office Bldgs/Banks/Financial 5
Medical/Healthcare 5
Industrial/Mfg/Warehousing 5
Municipal 5
Education/academic 3
Interior Architecture 5

Pilot City Health Center, Minneapolis, MN; University of Minnesota Hospital, Outpatient Surgery, Minneapolis, MN; Chippewa County Hospital, Montevideo, MN; College of St. Catherine, St. Paul, MN; Grandview Nursing Home, Cambridge, MN; Rush City High School, Rush City, MN

SMITH ARCHITECTS
6215 Cambridge Street
Minneapolis, MN 55415
Tel: 612/925-3788
Fax: 612/925-5843
Established 1982

Firm Personnel by Discipline
Architectural 2
Administrative .5
Total in Firm 2.5

Work %
Residences/New & Remodel. 20
Office Bldgs/Banks/Financial 15
Retail/Commercial 10
Industrial/Mfg/Warehousing 10
Municipal 20
Restoration/Preservation 2
Interior Architecture 10

27 West Business Center, Phase 2, St. Louis Park, MN; 7901 Building at West 5 Business Center, Eden Prairie, MN; 7500 Building at 27 West Business Center, St. Louis Park, MN; LaMettry Auto Center, Eden Prairie, MN; 8001 Building, St. Louis Park, MN; Lincoln Square Shopping Center Remodeling, Mahomedi, MN

SMIR ARCHITECTS/ STEVEN M. RENGEL A.I.A.
1905 Dellwood
Roseville, MN 55113
Tel: 612/647-0229
Fax: 612/647-0229
Established 1991

Steven M. Rengel AIA

Work %
Residences/New & Remodel. 50
Office Bldgs/Banks/Financial 25
Retail/Commercial 25
Restoration/Preservation 10
Interior Architecture 10

First National Bank of Little Falls, MN; Matt Rand Residence, Lake Minnetonka, MN; Dr. John Kanyusik Residence, Mankato, MN; Frank Konstantinides Residence, Roseville, MN; Richard Gauger Residence, Falcon Heights, MN; Robert Hansen Residence, Maple Grove, MN

SMSSQ, INC.
205 S. Water Street
Northfield, MN 55057
Tel: 507/645-4461
Fax: 507/645-7682
Established 1949

Edward A. Sövik FAIA
Clinton L. Sathrum AIA
Terrance J. Schlink AIA
Steven B. Edwins ASLA
Spencer J. Jones ASLA

Firm Personnel by Discipline
Architectural 8
Landscape Architects 1
Other Technical 1
Administrative 3
Total in Firm 13

Work %
Housing/Multiple 10
Residences/New & Remodel. 10
Office Bldgs/Banks/Financial 10
Retail/Commercial 5
Medical/Healthcare 5
Churches/Worship 30
Education/Academic 25
Restoration/Preservation 10
Interior Architecture 10
Landscape Architecture 10

St. Olaf College, Library Addition & Remodeling, Northfield, MN; 1st National Bank, Remodeling & Restoration, Northfield, MN; Morris Performing Arts Center, South Bend, IN; Augsburg College, Student Apartments, Minneapolis, MN; School Sisters of Notre Dame, Entrance Addition & Chapel Remodeling, Mankato, MN; Golf Clubhouse, Northfield, MN
STEGNER-PHELPS ARCHITECTS, P.A.
222 Laurel Street
Brainerd, MN 56401
Tel: 218/829-2255
Fax: 218/829-2267
Established 1955
- Brian D. Phelps AIA
  - Firm Personnel by Discipline
    Architectural 5
    Administrative 1
    Total in Firm 6
    Work %
    Housing/Multiple 5
    Municipal 5
    Education/Academic 90
- High School, New, Sartell, MN; High School, New, Cass Lake, MN; Cass Lake Elementary, Remodeling, Cass Lake, MN; Pierz Elementary School, New, Pierz, MN; Atkin High School, Remodeling, Atkin, MN; Atkin Rippledale School, Remodeling, Atkin, MN

CHARLES R. STINSON ARCHITECTS
18356 Minnetonka Blvd.
Deephaven, MN 55391
Tel: 612/473-9503
- Charles R. Stinson AIA
  - Firm Personnel by Discipline
    Architectural 4
    Work %
    Housing/Multiple 5
    Residences/New & Remodel. 90
    Office Bldg/Banks/Financial 5
    Private Residences, MN and elsewhere

STUDIO FIVE ARCHITECTS
1170 Ford Center
420 N. 5th Street
Minneapolis, MN 55401
Tel: 612/337-5394
Established 1987
- Thomas E. Hunt AIA
  - Leigh M. Rolflus AIA
  - William J. Lawrence AIA
  - Firm Personnel by Discipline
    Architectural 9
    Interior Designers 2
    Administrative 2
    Total in Firm 13
    Work %
    Housing/Multiple 30
    Residences/New & Remodel. 10
    Medical/Healthcare 20
    Education/Academic 40
    Restoration/Preservation 30
    Interior Architecture 40

Stowe Elementary School, Duluth, MN; Eddy Hall, University of Minnesota, Minneapolis, MN; Westview Senior High School, Braham, MN; Southview Elementary School, Braham, MN; Green Lea Manor Nursing Home, Mable, MN; First National Bank of Wayzata, Plymouth, MN

THE SULLIVAN GROUP ARCHITECTS, INC.
5700 Smetana Drive, Ste. 120
Minnetonka, MN 55343
Tel: 612/939-0644
Established 1985
- Charles E. Sullivan AIA
  - Firm Personnel by Discipline
    Architectural 1
    Other Technical .5
    Administrative 1
    Total in Firm 2.5
    Work %
    Housing/Multiple 10
    Residences/New & Remodel. 10
    Office Bldg/Banks/Financial 15
    Retail/Commercial 10
    Industrial/Mfg/Warehousing 15
    Medical/Healthcare 20
    Churches/Worship 5
    Interior Architecture 40
    Facil. Consult. & Inspection 15
    Promon North/Phase II, Medtronic Inc., Minneapolis, MN; Brass Tone Restaurant/American Legion, Henderson, MN; Medtronic Bio-Medics Remodel, Eden Prairie, MN; VA Medical Center Radiation Therapy Center, Minneapolis, MN; VA Day Care Center, Minneapolis, MN; Cottages of Stewartville Senior Housing, Stewartville, MN

THOMAS AND VECCHI, AIA ARCHITECTS
1518 E. Superior Street
Duluth, MN 55812
Tel: 218/724-8892
Fax: 218/726-5113
Established 1971
- John Ivey Thomas AIA
  - Robert W. Fern AIA
  - Ronald A. Marttila AIA
  - Terry C. Hamm AIA
  - Firm Personnel by Discipline
    Architectural 3
    Administrative 10
    Total in Firm 10
    Work %
    Housing/Multiple 10
    Residences/New & Remodel. 10
    Office Bldg/Banks/Financial 10
    Retail/Commercial 5
    Industrial/Mfg/Warehousing 5
    Medical/Healthcare 10
    Churches/Worship 5
    Municipal 20
    Education/Academic 15
    Restoration/Preservation 5
    Interior Architecture 5
    Solar/Earth Shelter 5
    St. Louis County Jail, Duluth, MN; Lincoln Park School, Additions & Renovations, Duluth, MN; Barkers Island Townhouses, Superior, WI; MN/DOT Shop Addition, Virginia, MN; Thompson Hill Rest Stop Addition, Duluth, MN; DNR Consolidated Area Headquarters, Two Harbors, MN

THORBECK ARCHITECTS, LTD.
1409 Willow Street
Minneapolis, MN 55403
Tel: 612/671-7979
Fax: 612/671-8088
Established 1969
- Duane Thorbeck FAIA AIA
  - Mare Partridge AIA
  - Firm Personnel by Discipline
    Architectural 37
    Engineering 22
    Landscape Architects 3
    Interior Designers 6
    Other Technical 8
    Administrative 14
    Total in Firm 90
    Work %
    Office Bldg/Banks/Financial 30
    Retail/Commercial 20
    Industrial/Mfg/Warehousing 30
    Education/Academic 20
    Restoration/Preservation 10
    Interior Architecture 10
    First Bank System Operation Center, St. Paul, MN; ViroMED Laboratories, Eden Prairie, MN; Chelsea High School, Chelsea, MA; IBM MLC/BAT Clean Rooms, East Fishkill, NY; Rosemount, Inc. Manufacturing Facility, Chanhassen, MN; FlexMedics, Inc. Office/Manufacturing Facility, Minnetonka, MN

TOLTZ, KING, DUVAL AND ASSOCIATES, INC.
1500 Piper Jaffray Plaza,
444 Cedar Street
St. Paul, MN 55101-2140
Tel: 612/292-4400
Fax: 612/292-0063
Established 1910
- Duane T. Prev PE AIA
  - James E. Voyer PE AIA
  - Darrel H. Berkowitz PE AIA
  - John E. Hendrickson AIA, AICP
  - William J. Armstrong AIA
  - Dean A. Johnson AIA
  - Firm Personnel by Discipline
    Architectural 10
    Engineering 65
    Landscape Architects 2
    Interior Designers 1
    Planners 1
    Other Technical 59
    Administrative 27
    Total in Firm 165
    Work %
    Industrial/Mfg/Warehousing 30
    Municipal 15
    Education/Academic 20
    Restoration/Preservation 5
    Interior Architecture 5
    Sports/Recreational Facil. 25

TSP ONE INC.
1500 Highway 52 N.
Rochester, MN 55901
Tel: 507/288-8155
Fax: 507/288-7220
- Other Offices:
  Minneapolis: Tel: 612/830-0070
  St. Paul: Tel: 612/830-1507
  Also: Sioux Falls & Rapid City, SD; Sheridan, WY; Denver, CO
  Established 1969

- Municipal Center Complex, City of Eagan, MN; Minneapolis College of Art & Design, Addition & Remodeling, Minneapolis, MN; University Teaching & Outreach Complex, University of Minnesota, Crookston, MN; International Wolf Center, Ely, MN; Sons of Norway International Headquarters Office, Remodeling, Minneapolis, MN; Purina Farms, Ralston Purina Company, St. Louis, MO
Architectural Firm
William T. Karl J. Dirksen
Roger
Interior
Steven
Other Technical
Karl J. Dickson
William T. Meschke

— Firm Personnel by Discipline Architecutural 14
Engineering 15
Interior Designers 2
Other Technical 5
Administrative 8
Total in Firm 44

— Work %
Housing/Multiple 10
Office Bldg/Banks/Financial 5
Retail/Commercial 5
Industrial/Mgr/Warehousing 20
Medical/Healthcare 20
Churches/Worship 10
Municipal 10
Education/Academic 20
Interior Architecture 5

— Austin Community College, Expansion & Remodeling, Austin, MN; Arbor Terrace Assisted Living, Rochester, MN; Cook County Courthouse, Expansion & Remodeling, Grand Marais, MN; Kandiyohi County Human Services Building, Willmar, MN; Community Memorial Hospital, Winona, MN; ISD #810 Elementary School, Expansion, Plainview, MN

 ■ TYSON ARCHITECTS, INC.
2309 Lyndale Avenue S.
Minneapolis, MN 55405
Tel: 612/879-9901
Fax: 612/879-9867
Established 1977

— Jay W. Tyson
AIA

— Work %
Office Bldg/Banks/Financial 15
Industrial/Mgr/Warehousing 20
Interior Architecture 15

— Telephone Equipment Building, Remodeling, Maplewood, MN; Waste Treatment Plant, Eagan, MN; Waste Treatment Plant, Stillwater, MN; Telephone Equipment Building, Forest Lake, MN; Telephone Equipment Building, Rushmore, MN; Telephone Equipment Building, Beardsley, MN

 ■ VANNEY ASSOCIATES
255 E. Kellogg Boulevard
St. Paul, MN 55101
Tel: 612/222-4642
Fax: 612/222-3034
Established 1987

— Robert F. Vanney
AIA

— Firm Personnel by Discipline Architectural 16
Interior Designers 1
Administrative 2
Total in Firm 19

— Work %
Residences/New & Remodel. 5
Office Bldg/Banks/Financial 20
Retail/Commercial 60
Medical/Healthcare 5
Municipal 5
Restoration/Preservation 5
Total Interior Architecture 30

— Nine West - Madison Avenue, New York, NY; Leecher's Homestore, Boynton Beach, FL; Best Buy Super Store, Burns ville, MN; Willerscheid & Peters Mortuary, West Side Chapel, St. Paul, MN; Best Buy Company Corporation Headquarters, Eden Prairie, MN; New York Deli - Mall of America, Bloomington, MN

 ■ VETTER JOHNSON ARCHITECTS, INC.
10700 Old County Road 15, Ste. 280
Plymouth, MN 55441
Tel: 612/545-6500
Fax: 612/545-6277
Established 1989

— Mark A. Vetter
AIA
Steven C. Johnson
AIA

— Firm Personnel by Discipline Architectural 4
Retail/Commercial 4
Other Technical 5
Administrative 5
Total in Firm 15

— Work %
Medical/Healthcare 5
Municipal 5
Education/Academic 65

— Middle School, Montevideo, MN; Elementary School Addition, St. Clair, MN; Park Elementary School Renovation, LeSueur, MN; North Clinic, Osseo, MN; Public Library, Atkins, MN; Nicollet County Services Building, North Mankato, MN

 ■ WAI/CONTINUUM
381 E. Kellogg Boulevard
St. Paul, MN 55101
Tel: 612/227-0644
Fax: 612/223-5092
Other Offices: Eau Claire, WI
Established 1981

— David G. Wolterstorff
AIA
Timothy D. Casey
AIA
Scott R. Koester
AIA
James D. Voigt
AIA

— Medical/Healthcare 55
Churches/Worship 20
Education/Academic 25
Total in Firm 30

— HealthEast/Divine Redeemer Hospital, South St. Paul, MN; Catholic Charities, St. Paul, MN; Oaklawn Health Care Center, Mankato, MN; Saint Paul Public Schools, St. Paul, MN; Minneapolis Public Works, Minneapolis, MN; First Baptist Church, Hastings, MN

 ■ THE WEIDT GROUP INC.
5800 Baker Road, Ste. 100
Minnetonka, MN 55345
Tel: 612/938-1388
Fax: 612/938-1480
Established 1977

— John L. Weidt
AIA
Leo Steidel
Jackson
AIA

— Firm Personnel by Discipline Architectural 5
Engineering 2
Other Technical 9
Administrative 4
Total in Firm 20

— Work %
Residences New & Remodel. 5
Office Bldg/Bank/Financial 10
Education/Academic 20
Software Development 65
Energy/Environmental Design Consultant 30

— Chaska City Hall, Chaska, MN; Center for Energy & Environment, Cedar Falls, IA; CADD for Andersen Windows Corporation, BathCAD for American Standard Corporation, Light CAD for E.P.R.I.; Energy Design Assistance, University of Minnesota and Northern States Power

 ■ WEMLINGER ARCHITECTURE
P.O. Box 519
1521 Northway Drive
St. Cloud, MN 56302
Tel: 612/253-2100
Fax: 612/253-2269
Established 1968

— Fredric Wemlinger
AIA, PE
Craig A. Hess
AIA

— Firm Personnel by Discipline Architectural 4
Engineering 1
Administrative 1
Total in Firm 6

— Work %
Housing/Multiple 10
Residences/Remodel. 10
Office Bldg/Banks/Financial 10
Medical/Healthcare 20
Municipal 10
Education/Academic 25
Restoration/Preservation 15
Retrofits, ADA & Fire Marshal 15

— Heartland Family Practice Clinics, St. Cloud, MN; City Hall, Sartell, MN; Oglivie K-12 School, Oglivie, MN; School Facility Improvements & Retrofits, St. Cloud, MN; Fire Department, Big Lake, MN; Liberty & TCF Banks, St. Cloud, MN

 ■ WICHER & HERREID ARCHITECTS, INC.
3476 Lake Elmo Avenue N.
Lake Elmo, MN 55042
Tel: 612/777-7054
Fax: 612/777-5931
Established 1991

— Christine H. Wicher
AIA
David N. Herreid
AIA

— Firm Personnel by Discipline Architectural 2

— Work %
Residences/New & Remodel. 50
Office Bldg/Banks/Financial 10
Retail/Commercial 20
Restoration/Preservation 10
Community Design 20

— Olson Residence, Madeline Island, WI; Keller Residence, May Township, MN; Hagstrom Residence, May Township, MN; Walmer Residence, Alton, MN; Lake Elmo New Village Community Plan, Lake Elmo, MN; Lake Elmo Heritage Preservation Ordinances and Architectural Guidelines

MAY/JUNE 1994 97
The purpose of this Index of Firms is to enable you to quickly identify, from among the over 200 architectural firms in the foregoing Directory, those with experience and skill in designing whatever specific building type that may be of interest to you. The building types listed directly match with those in the Directory of Architectural Firms.

To be included, each firm was invited to identify building types for which they have specific design expertise and required to pay a modest fee for each listing. Firms listed are identified in alphabetical order by name with location of their office also indicated.

A full description of each firm in this Index is included in the Firm Directory along with all other firms managed by members of the American Institute of Architects. We urge you to thoroughly study the Directory and direct any questions to AIA Minnesota, 612/338-6763.

Peter Rand, FAIA
Publisher

1994 INDEX OF FIRMS BY BUILDING TYPE

The purpose of this Index of Firms is to enable you to quickly identify, from among the over 200 architectural firms in the foregoing Directory, those with experience and skill in designing whatever specific building type that may be of interest to you. The building types listed directly match with those in the Directory of Architectural Firms.

To be included, each firm was invited to identify building types for which they have specific design expertise and required to pay a modest fee for each listing. Firms listed are identified in alphabetical order by name with location of their office also indicated.

A full description of each firm in this Index is included in the Firm Directory along with all other firms managed by members of the American Institute of Architects. We urge you to thoroughly study the Directory and direct any questions to AIA Minnesota, 612/338-6763.

Peter Rand, FAIA
Publisher
### Office Buildings/ Banks/Financial

<table>
<thead>
<tr>
<th>Architecture Firm</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Alliance - Architects</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>Architecture Unlimited, Inc.</td>
<td>St. Paul</td>
</tr>
<tr>
<td>Blumentals/Architecture, Inc.</td>
<td>Brooklyn Center</td>
</tr>
<tr>
<td>Boarman Kroos Pfister &amp; Rudder Associates</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>Cording-Natwick-Hilbert Architects, Inc.</td>
<td>Apple Valley</td>
</tr>
<tr>
<td>Damberg Scott Peck &amp; Booker</td>
<td>Duluth</td>
</tr>
<tr>
<td>Dovolis Johnson &amp; Ruggieri, Inc.</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>EOS Architecture</td>
<td>Excelsior</td>
</tr>
<tr>
<td>Group II Architects, P.A. Marshall</td>
<td>Marshall</td>
</tr>
<tr>
<td>Hammel Green and Abrahamson, Inc. (HGA)</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>Holabird &amp; Root</td>
<td>Rochester</td>
</tr>
<tr>
<td>Kagermeier Skaar Paulsen Adelson</td>
<td>Mankato</td>
</tr>
<tr>
<td>Korngebel Architecture</td>
<td>Hutchinson</td>
</tr>
<tr>
<td>Melander, Melander &amp; Schilling Architects</td>
<td>Duluth</td>
</tr>
<tr>
<td>Meyer, Scherer &amp; Rockcastle, Ltd.</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>Morrison/Walijarvi Architects, Inc.</td>
<td>White Bear Lake</td>
</tr>
<tr>
<td>Opus Architects &amp; Engineers, Inc.</td>
<td>Minnetonka</td>
</tr>
<tr>
<td>Setter, Leach &amp; Lindstrom, PA</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>SKD Architects, Inc.</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>Symmes, Maini and McKee Associates</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>Vanney Associates</td>
<td>St. Paul</td>
</tr>
<tr>
<td>Wold Architects and Engineers</td>
<td>St. Paul</td>
</tr>
<tr>
<td>Yaggi Colby Associates</td>
<td>Rochester</td>
</tr>
</tbody>
</table>

### Retail/Commercial: Restaurants, Stores, Shops, Theaters, etc.

<table>
<thead>
<tr>
<th>Architecture Firm</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Alliance - Architects</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>Barbour/La Douceur Architects</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>Frederick Bentz/Milo</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>Thompson/Robert Rietow, Inc.</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>Blumentals/Architecture, Inc.</td>
<td>Brooklyn Center</td>
</tr>
<tr>
<td>FKE Architects</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>Korsunsky Frank Erickson Architects, Inc.</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>L &amp; M Associates, Ltd.</td>
<td>Edina</td>
</tr>
<tr>
<td>Morrison/Walijarvi Architects, Inc.</td>
<td>White Bear Lake</td>
</tr>
<tr>
<td>Opus Architects &amp; Engineers, Inc.</td>
<td>Minnetonka</td>
</tr>
<tr>
<td>RDB Architects, Inc.</td>
<td>Mendota Heights</td>
</tr>
<tr>
<td>RSP Architects, Ltd.</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>Setter, Leach &amp; Lindstrom PA</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>Symmes, Maini and McKee Associates</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>Tolz, King, Duvall, Anderson &amp; Associates</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>St. Paul</td>
<td>Minneapolis</td>
</tr>
</tbody>
</table>

### Industrial/Manufacturing/ Warehousing

<table>
<thead>
<tr>
<th>Architecture Firm</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blumentals/Architecture, Inc.</td>
<td>Brooklyn Center</td>
</tr>
<tr>
<td>Boarman Kroos Pfister &amp; Rudder Associates</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>Cording-Natwick-Hilbert Architects, Inc.</td>
<td>Apple Valley</td>
</tr>
<tr>
<td>Dovolis Johnson &amp; Ruggieri, Inc.</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>Hammel Green and Abrahamson, Inc. (HGA)</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>Kreech, O'Brien, Mueller &amp; Wass, Inc.</td>
<td>Inver Grove Hills</td>
</tr>
<tr>
<td>Lightowler Johnson Associates, Inc.</td>
<td>Moorhead</td>
</tr>
<tr>
<td>Miller-Dunwiddie-Associates, Inc.</td>
<td>Eden Prairie</td>
</tr>
<tr>
<td>Opus Architects &amp; Engineers, Inc.</td>
<td>Minnetonka</td>
</tr>
<tr>
<td>Orr-Schelen-Mayeron &amp; Associates, Inc.</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>RSP Architects, Ltd.</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>Setter, Leach &amp; Lindstrom PA</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>Symmes, Maini and McKee Associates</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>Toltz, King, Duvall, Anderson &amp; Associates</td>
<td>Minneapolis</td>
</tr>
<tr>
<td>St. Paul</td>
<td>Minneapolis</td>
</tr>
</tbody>
</table>
Medical Facilities/Health Care: In-Patient and Out-Patient Care, Dental Facilities

The Alliance - Architects
Minneapolis

Architecture One, Professional Association
Brainerd

Boorman Kroos Pfister Rudin & Associates
Minneapolis

RW Buelow Associated Architects
St. Paul

K. C. Busch and Associates
St. Paul

Cluts, O'Brien, Strother Architects
Eden Prairie

Damberg Scott Peck & Booker
Duluth

Engan Associates: Architects, P.A.
Willmar

Foss Associates, Architecture, Engineering & Interiors
Moorhead

Groeters Leupaldi Tideman Architects
St. Cloud

Hammel Green and Abrahamson, Inc. (HGA)
Minneapolis

Bernard Herman Architects, Inc.
Minneapolis

Hills Gilbertson Architects, Inc.
Minneapolis

Horty, Elving & Associates, Inc.
Minneapolis

Jordan Architects, P.A.
St. Paul

KKE Architects

Korsusky Krank Erickson Architects, Inc.
Minneapolis

Miller-Dunwiddie-Associates, Inc.
Eden Prairie

Mohagen Architects Ltd.
Wayzata

Minneapolis

SEH Architecture
St. Paul

Skaaden-Helms Architects, Inc.
Edina

Spencer + Paepcke Architects Inc.
Minneapolis

The Stageberg Partners, Inc.
Minneapolis

Churches/Worship Facilities

The Adkins Association, Inc.
St. Paul

Architect Steve Erban
Stillwater

Architecture One, Professional Association
Brainerd

Dennis Batty & Associates, Inc.
Architects
Minneapolis

Frederick Bentz/Milo Thompson/Robert Rietow, Inc.
Minneapolis

K.C. Busch and Associates
St. Paul

Cunningham Hamilton Quiter, P.A.
Minneapolis

Engan Associates: Architects, P.A.
Willmar

Hagemeister & Mack Architects, Inc.
St. Cloud

Hammel Green and Abrahamson, Inc. (HGA)
Minneapolis

Jafvert Mueller Architects, Inc.
Bloomington

Kodet Architectural Group, Ltd.
Minneapolis

Morrison/Walijarvi Architects, Inc.
White Bear Lake

Rafferty Rafferty Tollefson Architects, Inc.
St. Paul

RDB Architects, Inc.
(Robert David Burow Architects, Inc.)
Mendota Heights

Rice-Stromgren Architects
Minneapolis

Sessing Architects, Inc.
Arden Hills

Station 19 Architects, Inc.
Minneapolis

WAI/Continuum
St. Paul

Municipal Buildings: City Halls, Fire and Police Stations, Park and Recreation Facilities, Etc.

The Adkins Association, Inc.
St. Paul

The Alliance - Architects
Minneapolis

Jack Edward Anderson Architects, Inc. (d/b/a JEA Architects)
Minnetonka

Ankeny Kell Richter Walsh Architects, P. A.
St. Paul

Boorman Kroos Pfister Rudin & Associates
Minneapolis

Bonestroo, Rosene, Anderlik & Assoc., Inc.
St. Paul

BRW Elness Architects, Inc.
Minneapolis

RW Buelow Associated Architects
St. Paul

Cluts, O'Brien, Strother Architects
Eden Prairie

Cording-Natwick-Hilbert Architects, Inc.
Apple Valley

Engan Associates: Architect, P. A.
Willmar

EOS Architecture
ExceLSior

Hammel Green and Abrahamson, Inc. (HGA)
Minneapolis

KKE Architects

Korsusky Krank Erickson Architects, Inc.
Minneapolis

Kodet Architectural Group, Ltd.
Minneapolis

Lightowler Johnson Associates, Inc.
Moorhead

McMonigal Architects
Minneapolis

Meyer, Scherer & Rockcastle, Ltd.
Minneapolis

Morrison/Walijarvi Architects, Inc.
White Bear Lake

Minneapolis

The Leonard Parker Associates, Architects Inc.
Minneapolis

SEH Architecture
St. Paul

Toltz, King, Duvall, Anderson & Associates, Inc.
St. Paul

Wayzata

Wold Architects and Engineers
St. Paul

Yaggy Colby Associates
Rochester

Education/Academic Buildings: K-12 Schools, College Classrooms, Labs, Research, Recreation, and Athletic Facilities, Etc.

Abendroth, Rego & Youngquist Architects, Inc.
St. Louis Park

The Adkins Association, Inc.
St. Paul

The Alliance - Architects
Minneapolis

Ankeny, Kell, Richter, Walsh Architects P.A.
St. Paul

Armstrong, Torseth, Skold and Rydeen, Inc.
Minneapolis

Frederick Bentz/Milo Thompson/Robert Rietow, Inc.
Minneapolis

RW Buelow Associated Architects
St. Paul

Collins Hansen Architects
Minneapolis

Cunningham Hamilton Quiter, P.A.
Minneapolis

Damberg Scott Peck & Booker
Duluth

Engan Associates: Architects, P.A.
Willmar

EOS Architecture
ExceLSior

Paid Advertising

MAY/JUNE 1994 101
Foss Associates, Architecture, Engineering & Interiors
Moorhead
Green, Nelson & Weaver
Minneapolis
Group II Architects, P. A.
Marshall
Hammel Green and Abrahamson, Inc. (HGA)
Minneapolis
Holahird & Root
Rochester
Johnson, Sheldon & Sorensen
Architects Inc.
Minnetonka
Kagermeier Skaar Paulsen Asleson
Architects, Inc.
Minneapolis
KKE Architects
Korsunsky Krank Erickson
Architects, Inc.
Minneapolis
Kodet Architectural Group, Ltd.
Minneapolis
McMonigal Architects
Minneapolis
Melander, Melander & Schilling
Architects
Duluth
Morrison/Waljarvi Architects, Inc.
White Bear Lake
Opus Architects & Engineers, Inc.
Minnetonka
Minneapolis
The Ostberg Architects
St. Paul
The Leonard Parker Associates, Architects Inc.
Minneapolis
Rafferty Rafferty Tolleson
Architects, Inc.
St. Paul
RSP Architects, Ltd.
Minneapolis
SEH Architecture
St. Paul
Setter, Leach & Lindstrom PA
Minneapolis
The Stansie Johnson Architects, Inc.
Duluth
Stegner-Phelps Architects, P.A.
Brainerd
Studio Five Architects
Minneapolis
Symmes Maini and McKee Associates
Minneapolis
Toltz, King, Duvall, Anderson & Associates, Inc.
St. Paul
WAI/Continuum
St. Paul
Wemlinger Architecture
St. Paul
Williams/O'Brien Associates, Inc.
Minneapolis
Wold Architects and Engineers
St. Paul

**Restoration/Preservation: Renovations, Restoration of Historic Architecture to Period, Stabilization and Preservation of Historic Structures**

The Alliance - Architects
Minneapolis
Ankeny, Kell, Richter, Walsh
Architects, P. A.
St. Paul
Barbour/La Douceur Architects
Minneapolis
Blumentah/Architecture, Inc.
Brooklyn Center
Claybaugh Gale Anderson
Preservation Consultants Inc.
Taylors Falls
Dovolis Johnson & Ruggieri, Inc.
Minneapolis
Hammel Green and Abrahamson, Inc. (HGA)
Minneapolis
Kodet Architectural Group, Ltd.
Minneapolis
John S. Larson & Associates
Architects
Bayport
MacDonald & Mack Architects, Ltd.
Minneapolis
Miller-Dunwiddie Associates, Inc.
Eden Prairie
SEH Architecture
St. Paul
Winsor/Faricy Architects, Inc.
St. Paul
Wold Architects and Engineers
St. Paul

**Interior Architecture: Interior Design, Space Planning, System Furnishings, Etc.**

The Alliance - Architects
Minneapolis
Ankeny, Kell, Richter, Walsh
Architects, P. A.
St. Paul
Hammel Green and Abrahamson, Inc. (HGA)
Minneapolis
Horty, Elving & Associates, Inc.
Minneapolis
Jafvert Mueller Architects, Inc.
Bloomington
John S. Larson & Associates
Architects
Bayport
Meyer, Scherer & Rockcastle, Ltd.
Minneapolis
Mohagen Architects, Ltd.
Wayzata
The Leonard Parker Associates, Architects Inc.
Minneapolis
RSP Architects, Ltd.
Minneapolis
Setter, Leach & Lindstrom, PA
Minneapolis
SKD Architects, Inc.
Minneapolis
Wold Architects and Engineers
St. Paul

**Other Specialties**

**Accessibility/ADA Studies**
Accessible Building Consultants
St. Paul
**Eos Architecture**
Excelsior
**Spencer + Paepke Architects Inc.**
Minneapolis
**Architectural Research**
Bernard Jacob Architects Ltd.
Minneapolis
**Construction Management**
Construction Coordinators, Inc.
(See Horty Elving & Assoc.)
Minneapolis
**Convention Centers**
Convention Center Design Group
Minneapolis
**Correctional/Detention Facilities**
Green, Nelson & Weaver
Minneapolis
Wold Architects and Engineers
St. Paul
**Design/Build**
D+B Collaborative, Inc.
(see Horty Elving & Assoc.)
Minneapolis
**Energy/Environmental Design Consultant**
The Weidt Group
Minnetonka
**Entertainment**
Cunningham Hamilton Quiter, P. A.
Minneapolis
**Dunberg Scott Peck & Booker**
Duluth
**Justice Facilities**
The Leonard Parker Associates, Architects Inc.
Minneapolis
**Libraries**
The Leonard Parker Associates, Architects Inc.
Minneapolis
**Parking Structures**
The Stageberg Partners, Inc.
**Recreational/Sports Facilities**
Cluts, O'Brien, Strother Architects
Eden Prairie
The Stageberg Partners, Inc.
Minneapolis
Toltz, King, Duvall, Anderson & Associates, Inc.
St. Paul
**Senior Facilities**
BRW Ehnh Architects, Inc.
Minneapolis

102 ARCHITECTURE MINNESOTA
The Directory of Consultants which follows is our third listing of those organizations which have very unique and specialized skills that may be necessary for certain project teams. All firms have offices in Minnesota and some have diversified, engineering skills which are broader than the narrow specialties of this directory.

We invite you to use this directory and let us know of any additional firms that should be invited to be part of our next Directory of Consultants.

Peter Rand, FAIA
Publisher

---

### ACCESSIBILITY/ADA/Code

<table>
<thead>
<tr>
<th>Consultant</th>
<th>Address</th>
<th>Phone 1</th>
<th>Phone 2</th>
<th>Established Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accessible Building</td>
<td>2066 E. Minnehaha Avenue St. Paul, MN 55119-3930</td>
<td>612/735-1533</td>
<td>612/735-1533</td>
<td>1993</td>
</tr>
<tr>
<td>Consultants</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Harold Dean Kiewel</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Julee Quarve-Peterson</td>
<td>11290 50th Place N. Plymouth, MN 55442</td>
<td>612/553-1246</td>
<td>612/557-1856</td>
<td>1984</td>
</tr>
<tr>
<td>Acoustical Design</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>David Bruslau Associates,</td>
<td>1313 5th Street SE, Ste. 322 Minneapolis, MN 55414</td>
<td>612/331-4571</td>
<td>612/331-4572</td>
<td>1971</td>
</tr>
<tr>
<td>David Bruslau</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PhD, PE, NCAC</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acoustical design of indoor and outdoor space for speech, music and performance; sound and vibration isolation; sound system specification; design against environmental noise; acoustical measurements.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

### MIDWEST ACOUSTICS AND ELECTRONICS, INC.

7300 France Avenue South Suite 201
Edina, MN 55435
Tel: 612/897-1814
800/544-5311
Fax: 612/897-1865
Established 1974

- Richard E. Van Doeren, PhD, PE
- Acoustical design and measurement: reverberation, echo, room design, sound reinforcement, sound transmission, noise control, vibration control, community noise, occupational noise, precision acoustical measurements.

---

### KVERNSTOEN, KEHL & ASSOCIATES, INC.

420 North 5th Street, Ste. 1055
Minneapolis, MN 55401
Tel: 612/333-5136
Fax: 612/333-1020
Other Offices: Star Prairie, WI
Established 1989

- Steven Kvernstoen
- Robert Kehl
- Room acoustics, sound isolation, mechanical noise control; acoustical design/audio visual systems design; new design and testing/retrofit of existing facilities.

---

### LEGEND

- AIA: American Institute of Architects
- ASAP: American Society of Architectural Perspectives
- CPA: Certified Public Accountant
- CPG: Certified Professional Geologist
- CSI: Construction Specifications Institute
- FCSI: Foodservice Consultants Society
- IALD: International Association of Lighting Designers
- IES: Illuminating Engineering Society
- MSFPE: Member-Society of Fire Protection Engineers
- NCAC: National Council of Acoustical Consultants
- PE: Professional Engineer
- RD: Registered Dietitian
- RLS: Registered Land Surveyor
- USITT: United States Institute of Theater Technology
Architectural Technology

Architectural Technologies Consultant
2345 Doswell Avenue
St. Paul, MN 55102-1630
Tel: 612/646-0542
Fax: 612/646-2516
Established 1991

James R. Larson AIA, CSI

Consulting services to architectural firms for specialty detailing, documents phase quality control, construction phase assistance, and post occupancy failure analysis. Over 25 years experience.

Consulting involvement on: LaSalle Plaza, Minneapolis, MN; Herman Miller Design Yard, Holland, MI; Waikiki Ranch, Hawaii, HI; Lek Ranch, Banner, WY; Weisman Art Museum, Minneapolis, MN

Audio/Visual

Electronic Interiors Inc.
40 MacKubin Street
St. Paul, MN 55102
Tel: 612/292-1035
Fax: 612/292-1063
Established 1986

Kate O’Rielly Dickson Stewart

Professional consultants and designers, product independent, specializing in incorporating technology into the architectural environment. Complete programming, budget, design, bid specifications, and master planning services.

The Minnesota Judicial Center, St. Paul, MN; Martin/Williams Advertising, MN; Musicland, Inc., MN; Medtronic, St. Paul, MN; Ramsey County Courthouse/City Hall, St. Paul, MN

Jameson and Associates, Inc.
4133 West 45th Street
Minneapolis, MN 55424-1040
Tel: 612/920-3770
Fax: 612/920-6454
Established 1972

Richard N. Jameson

40 plus years professional experience at collaboratively, creatively and successfully solving AV, acoustic and lighting facilities and systems design and specification needs while teaming with architects, interior designers and owners.

Norwest Corporation, Minneapolis, MN; U.S. WEST, Minneapolis, Phoenix, Denver, Seattle, County of Anoka, Anoka, MN; City of Peoria, Peoria, AZ; St. Louis County University, St. Cloud, MN

Kvernstoen, Kehl & Associates, Inc.
420 North 5th Street, Ste. 1055
Minneapolis, MN 55401
Tel: 612/333-5136
Fax: 612/333-1020
Other Offices: Star Prairie, WI
Established 1989

Steven Kvernstoen

Preliminary studies and consultation, AV systems design/ acoustical design, bidding documents preparation, construction management, on-site testing and assessment, computer modeling.

Dow Chemical Employee Development Center, Midland, MI; Basilica of the Sacred Heart, Notre Dame University, South Bend, IN; St. Cloud National Hockey Center, St. Cloud, MN; Minneapolis Community College Performing Arts Center, Minneapolis, MN; DeBartolo Classroom Facility, Notre Dame University, South Bend, IN

Michaard Cooley Erickson
1200 Metropolitan Centre
333 South Seventh Street
Minneapolis, MN 55402
Tel: 612/339-4941
Fax: 612/339-8354
Established 1946

Dean A. Rafferty PE
Douglas C. Cooley PE
Monty L. Talbert, Jr.

MCE provides specialized design of audiovisual presentation, cable or master antenna television signal distribution, hospital nurse-call, paging, intercom, and sound reinforcement systems.

Anoka Technical College Lecture Hall Addition, Anoka, MN; Dakota County Boardroom, Hastings, MN; HealthPartners, Inc. Corporate Boardroom, Bloomington, MN; Lakeview Memorial Hospital, Stillwater, MN; USBB National Broadcast Center, Oakdale, MN

Environmental/ Studies

Braun Intertec Corporation
6875 Washington Avenue South
Minneapolis, MN 55439-0108
Tel: 612/941-5600
Fax: 612/946-6190
Other Offices: Apple Valley, Blaine, Hibbing, Mendota Heights, Rochester, St. Cloud, St. Paul, MN
Established 1957

J. S. Braun PE
George D. Knumpke PE
Cameron G. Kruse PE
Glenn E. Purde PE
Larry A. Clem PE

Environmental consulting testing services: air quality, regulatory compliance/permitting, site assessments, environmental engineering, solid and hazardous waste management, asbestos and lead-based paint testing, industrial hygiene and laboratory analyses.

Minneapolis Community Development Agency (MCDA), Minneapolis, MN; Great Lakes Gas Transmission, MN, WI and MI; Ashland Oil Company, St. Paul Park, MN; 3M Company, MN; 934th Tactical Airlift Group, Minneapolis, MN

Larson Engineering of Minnesota
3524 Labore Road
White Bear lake, MN 55110
Tel: 612/481-9120
Fax: 612/481-9201
Other Offices: Chicago, IL
Established 1979

Wayne C. Larson PE
Lee A. Granquist PE

Structural design of curtainwall systems, investigation of air and water infiltration of window systems, structural design of exterior cladding systems of all types: granite, precast concrete, metal panel, etc.

First Bank Place, Minneapolis, MN; World Trade Center, St. Paul, MN; Russian Embassy, Washington, D.C.; J. Paul Getty Museum, Los Angeles, CA; Illinois Center, Chicago, IL

Curtainwall Systems

Larson Engineering of Minnesota
3524 Labore Road
White Bear lake, MN 55110
Tel: 612/481-9120
Fax: 612/481-9201
Other Offices: Chicago, IL
Established 1979

Wayne C. Larson PE
Lee A. Granquist PE

Structural design of curtainwall systems, investigation of air and water infiltration of window systems, structural design of exterior cladding systems of all types: granite, precast concrete, metal panel, etc.

First Bank Place, Minneapolis, MN; World Trade Center, St. Paul, MN; Russian Embassy, Washington, D.C.; J. Paul Getty Museum, Los Angeles, CA; Illinois Center, Chicago, IL

Huntingdon/Twin City Testing
662 Cromwell Avenue
St. Paul, MN 55114-1776
Tel: 612/645-3601
Fax: 612/659-7515
Other Offices: Rochester, Mankato, Duluth, St. Cloud, MN
Established 1938

Dave Recker Marc D. Shannon PE
Garry Roden PE

Huntingdon/Twin City Testing provides (1) environmental site assessments, (2) underground storage tank investigations, (3) remedial investigations, (4) hazardous waste management, (5) solid waste management, and (6) asbestos and air quality services.

CAP Landfill Project, Inver Grove Heights, MN; Olmsted County Courthouse, Rochester, MN; Old Furniture Farm, Owatonna, MN; Hutchinson Downtown Development, Hutchinson, MN
WETLANDS DATA

Established 1991
John C. Anderson


Parkwood - Knolls, Edina, MN; Daniel Development, Plymouth, MN; Buffalo High School, Buffalo, MN; Eagan Pavilion, Eagan, MN; Heritage Development, Woodbury, MN.

St. Cloud, Minnesota; University of Minnesota, Fingerhut Distribution Center, St. Cloud, MN; Grand Casino Mille Lacs, Hinckley, MN

Fire Protection System Design

Michaud Cooley Erickson
1200 Metropolitan Centre 333 South Seventh Street Minneapolis, MN 55402
Tel: 612/339-4941
Fax: 612/339-8354
Established 1946

Dean A. Rafferty PE
Douglas C. Cooley PE
Monty L. Talbert, Jr.

Evaluation of fire protection needs, including code review and hazard classification. Alarm, detection, and suppression systems design. Recommendations regarding clean agent fire suppression alternatives to Halon.

(New) Federal Reserve Bank, Minneapolis, MN; Hennepin County Medical Center, Deficiency Study of Existing Standpipe and Sprinkler System, Minneapolis, MN; Minnesota Department of Transportation Building, St. Paul, MN; North Hennepin Community College M/E Systems Master Plan and Improvements, Brooklyn Park, MN; St. Paul Companies Underwriters Training Lab, St. Paul, MN.

Foodservice Design Consultants

Robert Rippe & Associates Inc. 6442 City West Parkway, Ste. 250 Eden Prairie, MN 55344-7720
Tel: 612/944-2424
Fax: 612/944-2860
Established 1981

Robert D. Rippe RD, FCSI
Richard J. Kukla FCSI
Terry L. Pellegrino RD
Steven P. Carlson

Foodservice systems and facilities design for healthcare, schools, colleges, businesses and other institutional and commercial food services. Programming, concepts, space, design, mechanical/electrical coordination, bid documents and construction review and observation.

Northwestern Memorial Hospital, Chicago, IL; Federal Reserve Bank, Minneapolis, MN; New High School, St. Paul, MN; State Farm Insurance Co., Bloomington, IL; University of Minnesota West Bank Master Plan, Minneapolis, MN

MountainStar Enterprises, Ltd. 7800 Metro Parkway, Suite 300 Bloomington, MN 55425
Tel: 612/851-3085
Fax: 612/851-3086
Established 1988

Michael A. O'Hara MSFPE, CSI

Code consulting, fire risk assessments, sprinklers, fire alarm, computer modeling, code equivalencies, plan review, exit studies and negotiations with city code officials.

Star Tribune, Minneapolis, MN; Hennepin County Government Center, Minneapolis, MN; Mariucci Arena, University of Minnesota, Fingerhut Distribution Center, St. Cloud, MN; Grand Casino Mille Lacs, Hinckley, MN

Management

A & E Management 4571 Niagara Lane Minneapolis, MN 55446
Tel: 612/557-0142
Fax: 612/557-9248
Established 1986

Harold W. Biel CPA
Ronald R. Hinrichs
Gene M. Bachman


Have provided 50 area firms with professional services relating to practice management and special projects.

Photographers/Architectural

Ralph Berlovitz, The Architectural Photographer 8832 7th Avenue North Golden Valley, MN 55427
Tel: 612/544-4900
Fax: 612/546-9464

Ralph Berlovitz

Complete studio for interior furnishings and architectural models.

James Erickson Photography 700 Washington Avenue North, Suite 401 Minneapolis, MN 55401
Tel: 612/332-5112
Fax: 612/332-7416

James Erickson

A full service photographic studio specializing in both commercial and residential architecture. Photographing interiors, exteriors, aerials, landscape designs, models, and flat art in any format from 35mm to 8x10. In-house digital imaging, re-touching, compositing, and manipulation available. Serving architects, designers, engineers, and construction firms since 1980.

Stuart Lorenz Photography Studio 212 N. 3rd Avenue, Ste. 274 Minneapolis, MN 55401
Tel: 612/341-1120
Fax: 612/341-1121
Toll Free: 800/728-5113

Stuart Lorenz

Services and specialties: A full-service photographic studio providing architectural project support. Photography in all formats for interior, exterior, furniture, product and documentation. Comprehensive estimates for projects on the drawing board, architectural models or completed projects at any location worldwide.
Security System Design

Michaud Cooley Erickson
1200 Metropolitan Centre
333 South Seventh Street
Minneapolis, MN 55402
Tel: 612/339-4941
Fax: 612/339-8354
Established 1946
—
Dean A. Rafferty PE
Douglas C. Cooley PE
Monty L. Talbert Jr., PE

MCE in-house experts design state-of-the-art building security, access control, closed-circuit television surveillance, custom control, alarm, and voice monitoring systems.

(New) Children's Museum, St. Paul, MN; First Bank System Customer Service, Vault, and Office Areas (First Bank Place), Minneapolis, MN; Minnesota Security Hospital, Facilities for the Criminally Insane, Moose Lake, MN; Northwestern Airlines Information Services Facility, Eagan, MN; Rochester Public Schools, Access Control and Monitoring Systems for 30 Schools, Rochester, MN

Specialty Lighting Design

Michaud Cooley Erickson
1200 Metropolitan Centre
333 South Seventh Street
Minneapolis, MN 55402
Tel: 612/339-4941
Fax: 612/339-8354
Established 1946
—
Dean A. Rafferty PE
Douglas C. Cooley PE
Monty L. Talbert Jr., PE

MCE’s services include: creative lighting design and layout, computerized illumination level analysis and modeling, custom fixture design and specification, and energy conservation recommendations.

Abbott Northwestern Hospital, Institute for Minimally Invasive Surgery, Minneapolis, MN; Mankato Civic Center and Arena, Mankato, MN; Medtronic Corporation (Multiple Projects), Fridley, MN; St. Joseph’s Hospital Maternity Care Center, St. Paul, MN; St. Paul City Hall/Ramsey County Courthouse Addition and Renovation, St. Paul, MN

Surveying

Egan, Field & Nowak, Inc.
7415 Wayzata Boulevard
Minneapolis, MN 55426
Tel: 612/546-6837
Fax: 612/546-6839
Established 1972
—
Richard L. Smith
Jack Bolke

Providing insured professional services for boundary, topography, as-built and site surveys, subdivision and condominium plats, and construction staking. Predesign survey experts, specializing in CAD.

Stillwater Marketplace, Stillwater, MN; Chanhassen Business Center, Chanhassen, MN; LaSalle Plaza, Minneapolis, MN; Target, Chanhassen, MN; Edina Five-O, Edina, MN

Testing

American Engineering Testing, Inc.
2101 University Avenue West
St. Paul, MN 55114
Tel: 612/659-9001
Fax: 612/659-1379
Other Offices: Duluth, MN; Established 1971
—
Terrance E. Swor CPG, CSI
Richard D. Stelhy PE, ACI
Donovan K. Stormoe PE

Geotechnical: borings, engineering reports; Materials: engineering evaluation, testing, forensic hardened concrete analysis; Environmental: site assessments, air emissions, remedial investigations, remedial design, waste management, import studies, monitor well installation.

St. Paul Ramsey Medical Center, St. Paul, MN; City Center Renovation, Minneapolis, MN; Grand Casino Projects, Nationwide; Bethlehem Lutheran Church, Minneapolis, MN; Numerous Retail Stores at the Mall of America Including Northwest Airlines and Wilson’s Suede and Leather

Don F. Wong
Photography
4207 Pleasant Avenue S.
Minneapolis, MN 55409-1919
Tel: 612/824-9198
Pager: 612/759-6799
Fax: 612/824-9198

Don F. Wong

Specializing in photography of architecture and interiors. Training in architecture plus 25 years of photographic experience yields exceptional photography of places and spaces. Has photographed AIA Minnesota and ASID award winners; been published internationally, recipient of two national AIA awards for photography. Clients include architects, interior designers, engineers, contractors, manufacturers, and other industry allies. Call to see portfolio, or to discuss your needs and budget.

Huntingdon/Twin City Testing
662 Cromwell Avenue
St. Paul, MN 55114-1776
Tel: 612/645-3601
Fax: 612/659-7348
Other Offices: Rochester, Duluth, Mankato, St. Cloud, MN
Established 1938
—
Marc D. Shannon PE
Dave Recker
Garry Hoden

Full service acoustical testing lab specializing in architectural noise control and compliance to UBC requirements. Multi-family housing projects are our specialty including STC IIC field testing.

Minnesota Projects: Minneapolis Convention Center, Bloomington Marriot Inn, Hennepin Energy Recycling Center (HERC), MAC - Residential Sound Insulation Program, Hazelton

Schuler & Shook, Inc.
123 Third Street North, Suite 216
Minneapolis, MN 55401
Tel: 612/339-5958
Fax: 612/337-5097
Other Offices: Chicago, IL
Established 1986
—
Duane Schuler IALD, IES
Robert Shook IALD, IES
Michael DiBlasi USITT

Theatrical consultation services including: programming, sightline and support space layout, theatrical lighting layout and specifications, stage rigging layout and specifications, specialty stage systems.

Orpheum Theatre, Minneapolis, MN; Lyric Opera of Chicago, Chicago, IL; Theatre de la Jeune Lune, Minneapolis, MN; Lakeville High School Auditorium, Lakeville, MN; Biloxi Theatre, Biloxi, MS
Advertising Index

AIA Documents, p. 64
Albinson, p. 17
Fred G. Anderson, Inc., Cov. II
Aquarium Designs Inc., p. 4
Architectural Consultants, p. 6
Bentz, Thompson, Rietow, p. 8
Braun Intertec, p. 17
Canton Lumber Company, p. 12
Cobb, Strecer, Dunphy & Zimmerman, Inc., Cov. IV
Cold Spring Granite Company, p. 67
Coming Soon & In Place, pp. 46-63
Consultants' Directory, pp. 103-106
Dunphy & Associates, p. 69
Engineering Design Group, p. 70
Exhibit! AIA Minnesota Convention & Products Expo, p. 16
Gausman & Moore, p. 68
GS Direct Inc., p. 68
Gran-A-Stone Company, p. 17
Granite Company,
Index of Firms by Building Type, pp. 99-102
Leonard Street and Deinard, p. 70
Marvin Windows & Doors, pp. 10, 11
Minnesota Architects, p. 74
Minnesota Concrete Tile Industry, Cov. III
Minnesota Drywall Council, p. 67
Minnesota Masonry Institute, p. 20
National Facilitators, Inc., p. 65
Pacific Mutual Door Company, p. 14
Pierson Agency, p. 66
Photos, Inc., p.
Popham Haik, p. 66
Prairie Restorations, p. 4
Principle Fixture and Millwork, Inc., p. 2
Spancrete Midwest Co., p. 18
Superior Wood Systems, p. 73
Wells Concrete Products Company, p. 1

Credits

(We encourage you to support the following architects, consultants and suppliers.)

Project: Loken Residence
Location: Duluth, Minn.
Client: Cal and Amy Loken
Architects: Salmela Fosdick, Ltd.
Principal-in-charge: David Salmela, AIA
Structural engineer: Hurst & Henrichs Ltd.
Contractor: Rod & Sons Carpentry, Ericson Construction
Photographer: Peter Kerze
Windows: Marvin Window Co.
Craftsman/artist: Rod & Sons Carpentry

Project: Puu Pueo, A Spec House
Location: Waikiki Ranch, Hawaii
Clients: Darrel Kluninger and Eric Johnsen
Architects: Mullfinger, Susanka & Mahady Architects
Principal-in-charge: Sarah Susanka
Project team: Rick Peterson
Structural engineer: Lucky Bennett, Hawaii
Mechanical engineer: Conway Mechanical Services, Minneapolis
Contractor: Eric Johnsen
Photographer: Kevin Ireton, Fine Home Building magazine
Windows: Pella
Lighting: Lightolier, CSL
Dining table, informal eating table and custom lighting fixtures:
Eric Johnsen
Stained glass: Pegasus

Project: Schall Residence
Location: Edina, Minn.
Clients: David and Patty Schall
Architects: Meyer, Scherer & Rockcastle, Ltd.
Principal-in-charge: Tom Meyer
Project architect: Rick Lundin
Structural engineer: Meyer Borgman Johnson
Contractor: Roh Clark Construction
Interior design: Meyer, Scherer & Rockcastle—Lynn Barnhouse
Landscape architect: Herb Baldwin
Photographer: Lea Babcock
Windows: H-Windows
Fixtures: Lappin Lighting
Lead-coated copper: Suburban Exteriors
Stone/brick: Vetter Kasota Stone
Installation: Twin City Tile and Marble
Concrete: Four Star Masonry
Oak flooring: Shaw Lumber
Granite pavers: Cold Spring Granite
Custom light fixtures: 3 A.D. with Geoffrey Warner
Custom Steel benches and shelves: J.L. White
Custom gutter bracket: J.L. White
First were hickory trees and scenic bluffs. Then around 1870 came a Danish family. Finally there was a flood of Czechs, Slovaks, Germans, Poles and Irish that wanted to settle in Bohemian Flats, a crowded neighborhood of small houses, shacks and shanties huddled in the shadow of the Washington Avenue Bridge in Minneapolis.

Every spring, the Mississippi River greeted this flood of humanity with an overflow of its own. Residents of the lowest (and cheapest) tier of the Flats faced an annual ritual of evacuating children, furniture and livestock to higher ground. When residents returned, sometimes the whole house had floated away. As if in compensation, however, the river left behind a layer of rich soil that made the cultivation of vegetable gardens a community obsession. Growing food—along with raising chickens, ducks and rabbits—was a necessity, as well, because many people in Bohemian Flats were impoverished. They chose to live far outside the city’s main area of settlement because the rents were low—or nonexistent.

The Bohemian Flats did have a system of social stratification, however, based on distance from the river. Mill Street, the neighborhood thoroughfare furthest from the river, boasted the highest rents, while Cooper Street, somewhat closer to the water, was more modestly priced. Wood Street, closest to the river’s edge, commanded the lowest rents.

Eventually, during a peak reached around the turn of the century, about 500 people lived in Bohemian Flats—a heady mix of nationalities, faiths, languages and occupations. Many worked at nearby pickle factories or in the lumber and flour mills, and some made money (and acquired construction material) from lumber scavenged from the river.

Eventually, city officials formulating plans to clear out the Flats joined forces with absentee landlords seeking to evict squatters. A riot broke out in 1923 when police entered the neighborhood to boot out nonpaying residents. Residents wielding yard implements, sticks and brooms fought back.

Over the next 10 years, however, residents lost their battle to remain. In 1932 the city began construction of a barge landing on the site and only a few people remained. By the 1940s all the houses were gone.

Jack El-Hai