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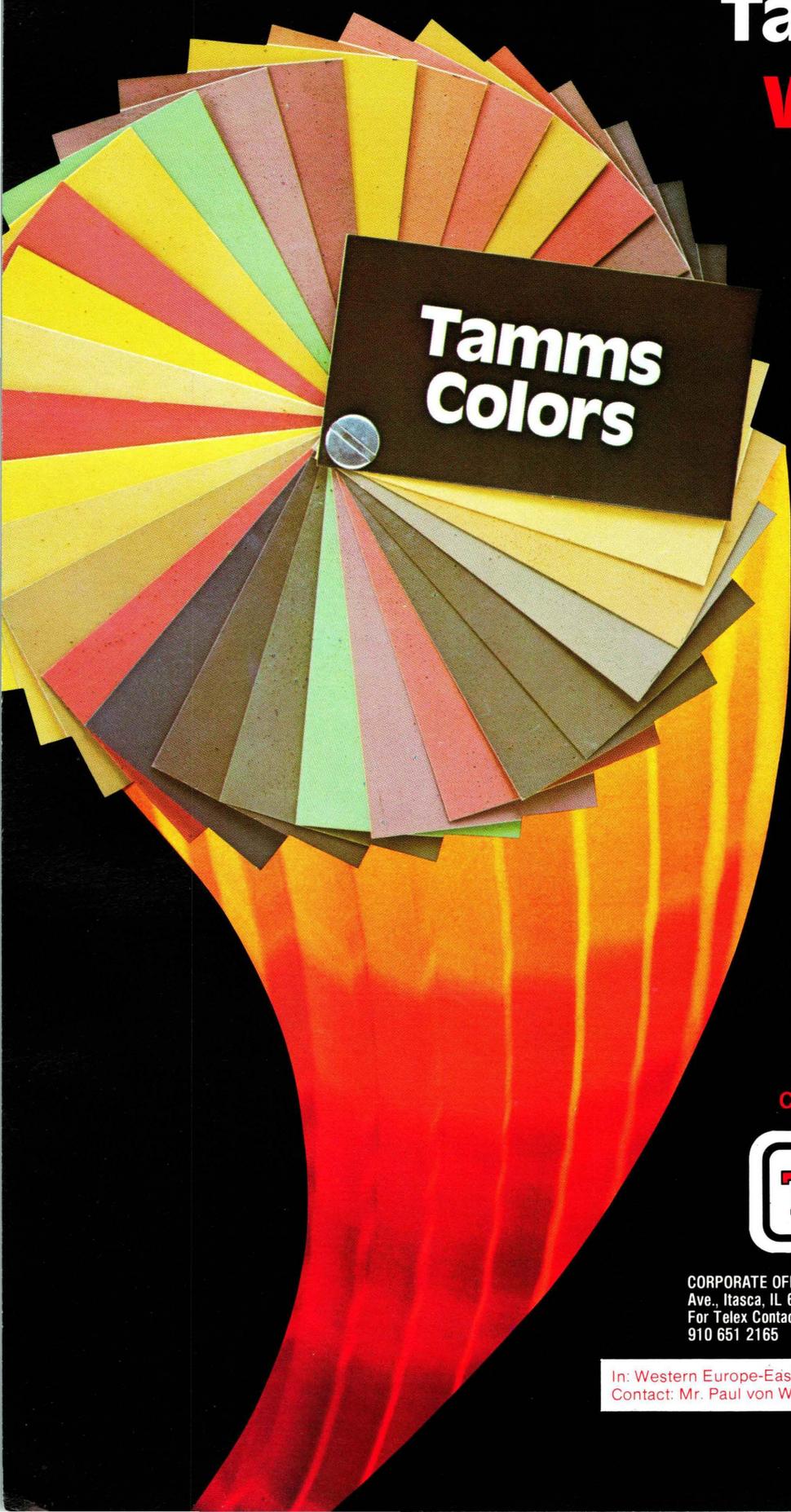


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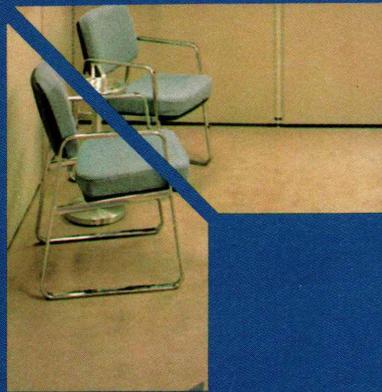


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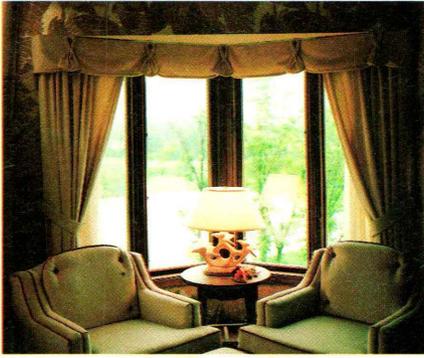
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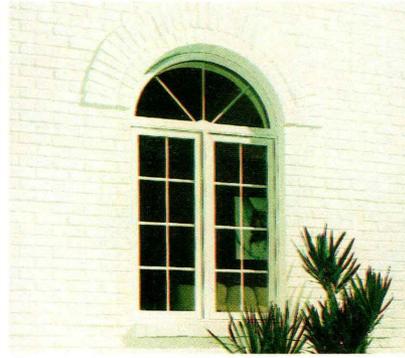
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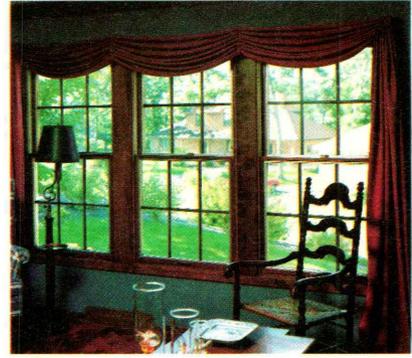
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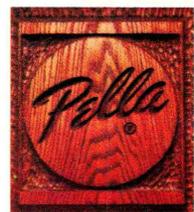


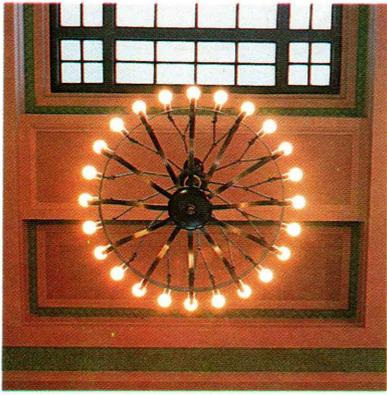
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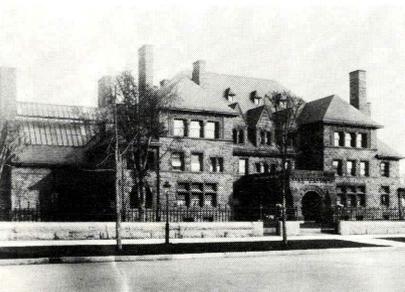
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A JOURNAL OF DESIGN AND CREATIVE LIVING
MARCH/APRIL 1984 VOL. 10 NO. 2

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Cover: Between the Union Depot's marble pillars, a glimpse of the new St. Paul. Photographer: Phillip MacMillan James.

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History center advances capitol plans

Plans for a history center, new judicial building, and landscaping of the Capitol Mall will provide a major building thrust for the State Capitol area in St. Paul.

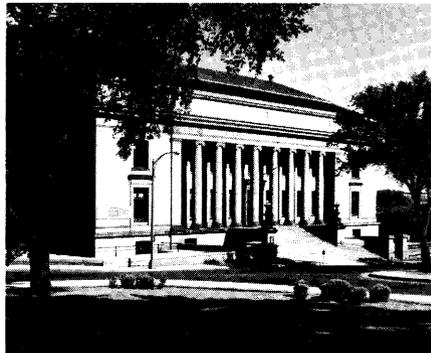
The proposed Minnesota State History Center will be the most significant structure in the Capitol area in the last 25 years, according to Gary Grefenberg, Executive Director of the Capitol Area Architectural and Planning Board. The History Center, long planned by the Minnesota Historical Society, will encompass a major museum, library and archival services, auditoriums, administrative offices, and a cafeteria. The 300,000-square-foot structure is to be located on the Mechanic Arts High School site adjacent to the 1917 Historical Society building. The existing building is to be renovated as well.

The new center will consolidate the Historical Society's extensive collections and public programs, which are now dispersed throughout the Twin Cities. "Our thrust is better service to the public," says Nina Archabal, Deputy Director for Program Management. "For the first time in the institution's history, we will have a major museum program. Now only a third of the society's artifacts can be on view. In the History Center, the public will be able to see collections the Society has been gathering since 1849. We also will be more responsible to researchers. A central information service will make available all the Society's resources in contiguous reading rooms."

Architecturally, the center is to enhance the State Capitol area and serve as a reception area for visitors to the Capitol. The History Center will "continue the process of creating the campus that Cass Gilbert envisioned," said Governor Rudy Perpich.

The architect for the History Center will be chosen through a design competition administered by the Capitol Area Architectural and Planning Board. A Designer Selection Panel chaired by John Rauma, Professional Advisor for the project, will review submissions of credentials and select six firms or teams as finalists to prepare design submissions. From the six, a competition jury will select the winning design.

Members of the jury are architects Robert Geddes of Princeton, New Jersey, Donlyn Lyndon of Berkeley, Cali-



Minnesota Historical Society Building, 1917

fornia, and Elizabeth Close of Minneapolis; landscape architect Hideo Sasaki of Watertown, Massachusetts; architectural historian James Marston Fitch of Columbia University; Minnesota Historical Society Director Russell W. Fridley; and a representative from the Minnesota Senate, Minnesota House, and the Capitol Area Architectural and Planning Board. The six finalists are to be chosen by April 2, 1984. The winning design will be chosen in July. The competition winner will become the project architect and will receive a \$50,000 prize.

The Legislature has appropriated \$400,000 to develop a design framework and sponsor the competition. Funding for the History Center, which is estimated to cost \$30 million, is included in the 1984 State Legislature Capital Budget Request.

All inquiries about the competition should be directed to the Capitol Area Architectural and Planning Board, Room 122, Capitol Building, St. Paul, Minnesota 55155 (612) 296-7138. An official competition announcement appeared in the January, 1984 *Architecture Minnesota*.

Another major architectural development in the Capitol area is a facility planning study and site assessment for a State judicial building, being conducted by the architectural firm of Leonard Parker and Associates in conjunction with Walter H. Sobel and Associates of Chicago, consultants on judicial facilities programming. The study will address the programming of a new building proposed for the new Court of Appeals and prepare recommendations for future judicial facilities.

Meanwhile, the Capitol Mall is undergoing a major landscape redesign. St. Paul's Wabasha Avenue will be closed to create a more park-like setting for Cass Gilbert's 1904 landmark.

The scheduled reconstruction of five freeway bridges near the Capitol creates an opportunity to redesign approaches with greater emphasis on pedestrian access and greenery. A possible greenway link with the planned World Trade Center in downtown St. Paul is also being considered.

Prairie School sees air

"Prairie School Architecture," a half-hour documentary on this first truly American architectural style, will be aired on KTCA-TV, April 4 at 7:30 P.M. The show traces the growth of the Prairie School style from its origins in the small towns and suburbs of the Midwest to its full expression by such architectural giants as Louis Sullivan and Frank Lloyd Wright. Sullivan's O'Connell Bank and Wright's Robie House in Chicago receive special focus.

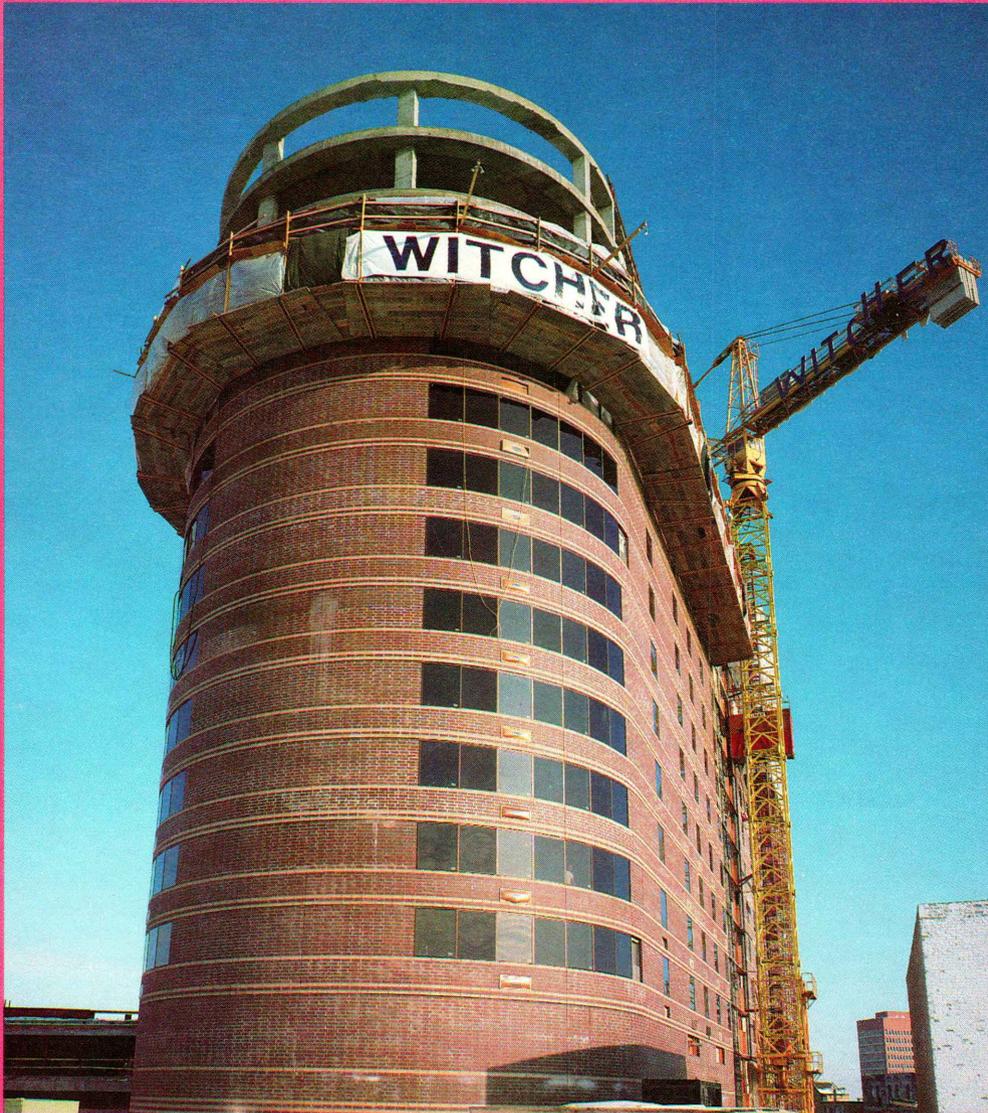
The show was produced by the Built Environment Communication Center at the University of Minnesota School of Architecture, with support and assistance by the Minnesota Museum of Art, the Minnesota Humanities Commission, and the Minnesota Architectural Foundation.

New Minnesota Fellows named

Three Minnesota architects have been named Fellows of the American Institute of Architects, one of the profession's highest honors. They are Milo Thompson of Bentz/Thompson/Rietow, Inc., Duane Thorbeck of Inter-Design, Inc., and William W. Scott of Setter, Leach and Lindstrom, Inc. All have architectural practices based in Minneapolis.

After completing his Masters of Architecture at Harvard University, Milo Thompson received the Prix de Rome and studied at the American Academy in Rome for two years. He returned to Minnesota in 1965, joined the firm of Cerny Associates and began lecturing at the University of Minnesota School of Architecture, where he is now a professor. His work as chief designer for Cerny Associates and since 1971 for Bentz/Thompson/Rietow has earned him 35 state and national awards, including the 1982 AIA Honor Award for the Lejeune house in Orono, Minnesota. He has lectured at the Walker Art

Continued on page 91



Witcher Construction Builds Landmarks

RADISSON HOTEL METRODOME

The Radisson Hotel Metrodome, at Seven Corners, Minneapolis, Minnesota fits beautifully in that theater-arts environment and will inevitably serve as the focal point in the revitalization of the community.

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notable notes

Mystery at St. Anthony Main

Architects Meyer, Scherer and Rockcastle, Ltd. have come up with an ingenious and intriguing approach to the St. Anthony Main expansion scheduled to begin this spring. The concept is based on the mystery and irrationality of a medieval city, as opposed to a classical one, according to Garth Rockcastle, and it will make a public experience that is quite different from one like the IDS or Riverside. "We have avoided atrium spaces, for example, and have small winding streets and alleyways instead," Rockcastle says. "We're experimenting with the traditional used as ghost-like memory."

The Jefferson Company's \$9 million project includes restoration of Minneapolis' three oldest buildings: the Upton and the Martin-Morrison, which face Main Street, and the Union Ironworks Building, a two-story structure behind them. Five new buildings, along with pedestrian walkways, will connect the complex, including a five-screen theater building next to the 3rd Avenue bridge.

The design of the five new buildings is based on a "compound expression," rather than a singular idea. Even though they are all connected, the whole complex is maintained as a series, and conceived as related parts, rather than one. "We have purposely made it hard to distinguish what was built when," Rockcastle says, "but have used a rich texture of forms and materials. We want to preserve existing qualities within the buildings, like the heavy timbers and bricks. But there will also be some elements that are bizarre such as truncated pyramids as stairs."

Between the Pracna and Upton limestone building, an existing ruined wall will seem to "emerge" in inner space—a kind of ghost on the new infill facade. The "imprint" marquee on the theater also plays with the ghost idea and the positive/negative aspects of film. Dark tinted glass and reflections will continually reverse lettering with a strobe-like effect. Plans for the theater also include a garden area on the roof.

Other elements suggestive of medieval structures will be outdoor courtyards for "café life," where some "found" objects—old pieces of industrial equipment discovered on the site—will be used as sculpture.

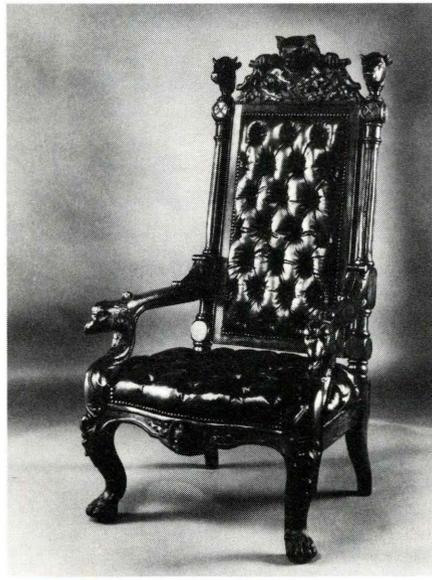
The interconnecting pedestrian

spaces will not be modeled on skyways (which are meant to be invisible and not "read" from the street), but rather as a major part of the design, a cross between bridge and gateway, maintaining access to the river through open portals.

At this date, the design of the complex is subject to approval by the Minneapolis Heritage Preservation Commission.

Chicago Style takes a seat

A Saturday night bath in Chicago at the turn of the century could end up being a hot time in the old town for those who owned a Bruehke & Rick Combined Sofa and Bathtub. Equipped with a gas-fired water heater, it had a tendency to ignite, setting itself, the bather, and the house on fire. The Combined Sofa and Bathtub is one item in a major exhibition highlighting Chicago's role in the history of American furniture manufacturing, *Chicago Furniture: Art, Craft & Industry, 1833-1983*. The exhibit of 150 pieces opened January 22 at the Chicago Historical Society and will run through August 31, 1984.



Fort Dearborn Armchair, Chicago, 1885

Even before the Civil War, Chicago was known for the work of its many chair and cabinet makers. But Chicago's furniture trade became the hub of a national industry in the 1870s with the aid of new production techniques

and the growing railroad system.

Inventiveness seemed to be a prime characteristic in the heyday of patent furniture, and Chicago "designers" were granted over 1200 patents for furniture or furniture-related items. Capitalizing on the romance of the old West, firms such as Wolf, Sayer & Heller, and the Tobey Furniture Company, produced a line of chairs made of buffalo and cattle horns. These chairs became very popular, particularly in the East, where they were used in living rooms and frequently in offices. One custom-made chair in the exhibit, the Fort Dearborn Armchair, is hand carved from logs taken from the second Fort Dearborn. If you tried to imagine a throne for a King of the Cowboys, this would be it. Seat and back are richly upholstered in leather, and the back is framed by two somber cow heads over crossed axes. The crown of the back is a leafy branch with a bear peering over it, and the chair's feet are the bear's feet, complete with carved fur. The arms terminate in eagle carvings which look vaguely like angry medieval griffins. Other rather remarkable patented items include Robert N. Barger's Combined Folding Bed, Billiard Table and Settee, and Frederick Brown's Electromagnet Therapeutic Chair.

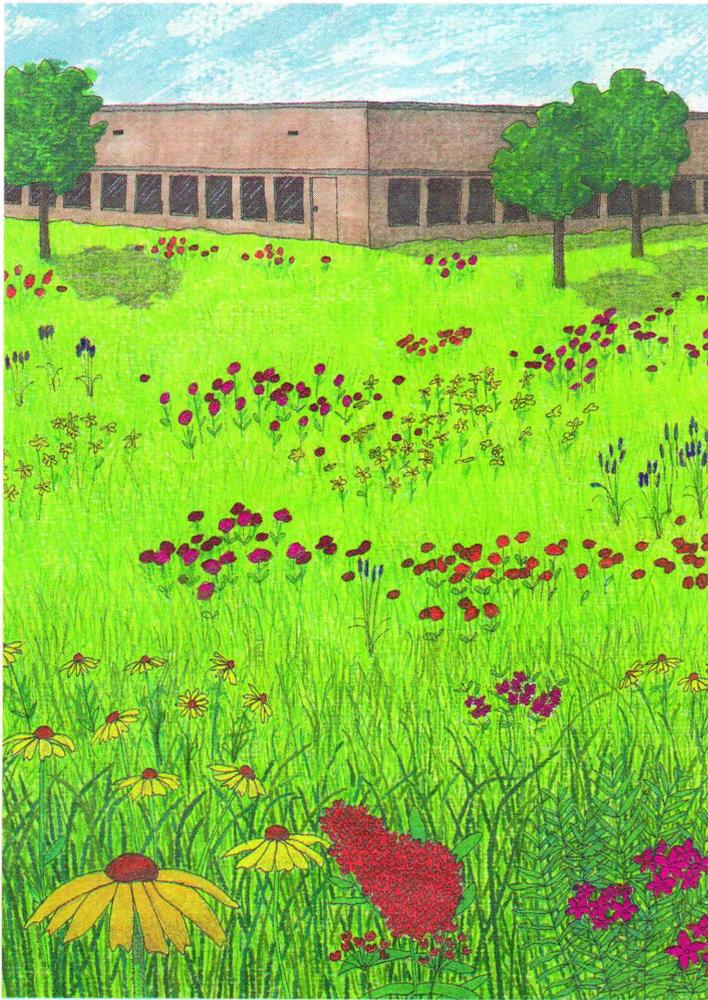
The technical advances that led to mass-produced furniture in the early 1900s brought matched sets (or "suites") within reach of the average person for the first time. Chicago manufacturers such as S. Karpen & Brothers, the Tobey Furniture Company, and the Great Northern Chair Company produced thousands of Eastlake, Queen Anne, Modern Gothic, Classical Revival, and French Provincial tables, desks, chairs, and upholstered parlor furniture to satisfy the aspirations of an upwardly mobile middle class.

The exhibit also reflects the early immigration patterns to the city, as skilled artisans and workers began to form their own industries. Furniture companies such as Doetsch & Bauer (German), Zangerle & Peterson (Austrian), and the Montalbano-Majestic Wood Carving Company (Italian) are represented in the show.

Chicago's architectural tradition has also contributed to innovative furniture design. The exhibit includes one-of-a-kind pieces designed by W. L. B. Jenney, Frank Lloyd Wright, and Mies von der Rohe.

Photo: Courtesy Chicago Historical Society

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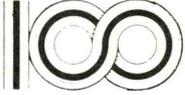
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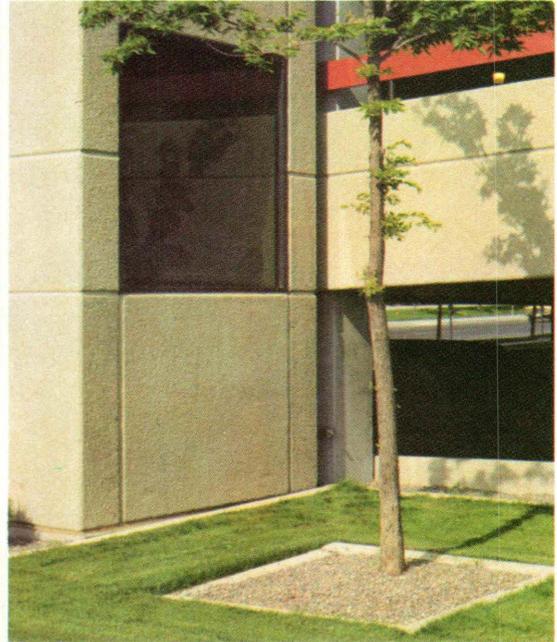
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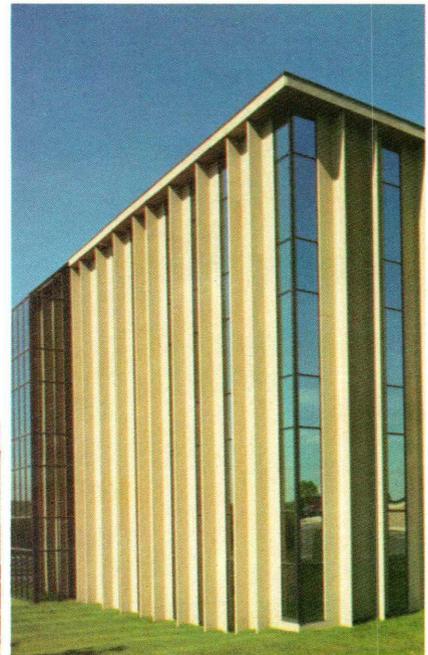
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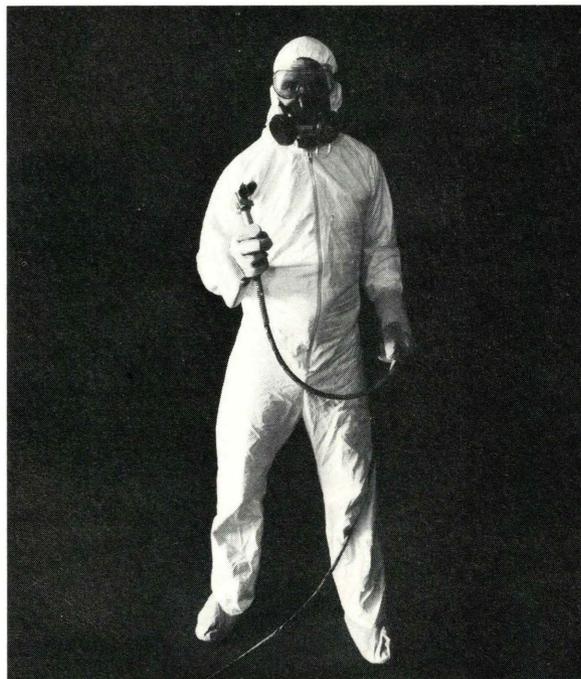


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scanning the media

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The return of the flamingo

THE NEXT TIME YOU LAUGH AT A PLASTIC FLAMINGO, FROG, TOADSTOOL, OR GNOME IN SOMEONE'S BACKYARD—YOU'D BETTER KNOCK ON WOOD.

What is the *genius loci*, the *spirit* of the place, that landscape architects honor by creating "sensitive" site designs? John R. Stilgoe answers this question in "Hobgoblins in Suburbia" *Landscape Architecture* (December '83) by tracking old house and garden spirits through history and the human psyche—and finding some of them alive and well in suburbia today.

Stilgoe describes the universal human longing for connection with the plant and animal world. During pagan times, gnomes and hobgoblins, along with shellygoats, fear deargs and fachsans acted as intermediaries. These were "place spirits," the servants of Pan and Priapus, abiding in woods and gardens. Inside the house lived "familiar spirits" later connected with witches—but first with *family*. These household spirits were exclusive, and influenced design as far back as Roman times, when Roman law forbade houses to touch each other. The space in between was dedicated to "the god of the enclosure." Within the house itself, a family worshipped gods wholly private, wholly unique. (The word "private," Stilgoe points out, originally meant a *place* of aloneness, rather than a state of being alone.)

In the 19th century, religion again became a household matter, and the home a kind of shrine. A whole literature grew up around this idea, depicting the role of wife and mother as a kind of angel who kept the house beautiful and pure. An entire philosophy of the "home, place" and its attendant "spirit" evolved. Free-standing space to create delightful interiors and gardens, space for a dog (a link to the animal world) and a fireplace were the physical expressions of this Victorian philosophy.

After World War II, the flight from the cities to the suburbs coincided with the fact that fewer and fewer Americans worked at jobs in which they

shaped space. The suburban house became not only a refuge from 20th century turbulence, but "the last resort of creativity." Painting a room, or the whole house, transplanting a tree or designing a garden meant exercising the fundamental human need to shape space, and Americans invested their houses and yards with extraordinary emotional significance. The charcoal barbecue grill with its open flame and smell of steak sauce showed a renewed enjoyment of the traditional hearth and family ritual. At the same time (during the '50s and '60s), suburban yards and gardens sprouted with reincarnated hobgoblins, gnomes, elves, frogs and ornaments descended from carved stone or cast iron garden sculpture of the 19th century. Professional designers did not take this seriously or attempt to understand the philosophical or psychological forces behind it, but out of the mixture of barbecues, dogs, frogs, fences, freestanding houses and gardens, Stilgoe says, a new understanding of the place spirit, the contemporary *genius loci*, is evolving. "Landscape architects," he says, "might ponder the maturing American love of small scale outdoor space, a love every bit as strong as the much noticed love of vast forests and mountain ranges. They might think very deeply about the relation of individuals and families to small pieces of handcrafted land." And we all might think more about the spirits of the earth.

Sludging into the future

SLOW MOVING SLUDGE HEATS UP FAST, TO SAVE MONEY, ENERGY AND OIL IN ESLOV, SWEDEN. A new process for converting sewage sludge to heat saved the wastewater treatment plant at Eslov \$320,000 last year as well as providing heat for a nearby housing project which reduced oil consumption by 3,775 barrels. *Urban Innovation Abroad* (December '83) reports that the process has been developed by K-Konsult, a Stockholm consultant owned by Swedish regional and local authorities. The new system anaerobically digests sludge in a two-step process to form bio-gas (a mixture of methane gas and carbon dioxide) that can be used for heating.

To describe the process in grimy detail, raw sludge from the wastewater plant is first pumped to a bio-gas installation. After pre-heating in the first of two heat exchangers of "an entirely new design," the sludge is digested in the first digester, and, after seven to ten days, is transferred via the second heat exchanger to a higher-temperature digester, where it remains for a similar period.

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Do chimneys to cathedral spires grow?

LOOKING TOWARDS THE THAMES ON THE APPROACH TO HEATHROW AIRPORT, YOU CAN SEE LONDON'S BATTERSEA POWER PLANT WITH ITS FOUR WHITE SKYSCRAPER CHIMNEYS DOMINATING THE LANDSCAPE LIKE SOME ANCIENT INDUSTRIAL CATHEDRAL. *Urban Innovation Abroad* (December '83) reports that Battersea was shut down in October 1983 after supplying electricity to London for 50 years, and the Central Electricity Generating Board is launching a 100,000 pound (\$148,250) development competition to find a new use for the landmark site. Developers will have to think on a grand scale to find imaginative alternate uses for the 30 million cubic foot building and its fifteen acre site. Sir Walter Marshall, chairman of the CEBG board, calls it "perhaps the most exciting site in terms of potential benefit to the capital city that we are going to see this century." Although the winning developer must be able to purchase the site from the generating board, the CEBG is not simply looking for the highest bidder. Sir Walter says, "We feel our duty to London much outweighs a commercial solution." Job creation, community benefits, riverfront treatment and design aspects of the conversion are among the selection panel's criteria. Ideas from the community are also being solicited through a competition for suggestions from individuals, schools and groups, which it is hoped will be helpful to the top entrants in the major competition. So far, ideas include a museum, housing complex, sports center and an ecumenical cathedral.

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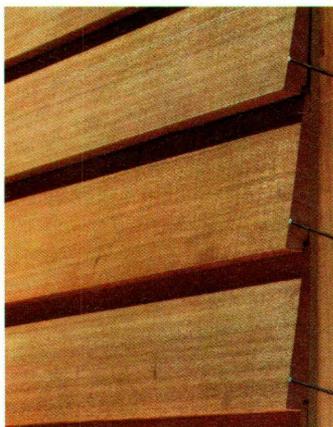
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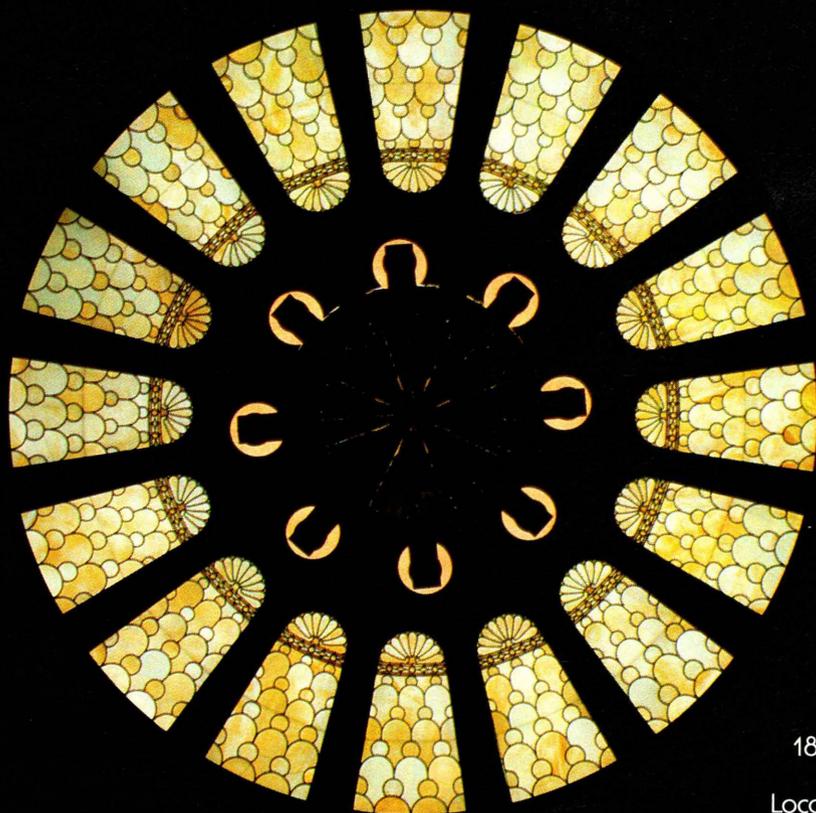
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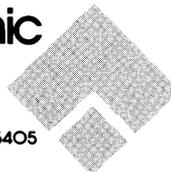
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insight

By Linda Mack

In trade center contest, architecture stood tall

It had the drama of a horse race, the tension of a duel. The selection of a site and developer for the Minnesota World Trade Center generated the hottest inter-city rivalry since the contest for the domed stadium. But, this time, there was woven into the cloth of political decision-making a new thread—architecture.

When Governor Rudy Perpich announced his plan a year ago to establish a world trade center in Minnesota, he piqued the interest of the state's architects. He also pricked their pride. Would this again be one of those large public projects which go to outside "world-class" architects? Perpich's enthusiastic pronouncement from Finland last summer that a Scandinavian architect should design Minnesota's trade center confirmed the cynic's worst suspicions. But a letter from the Minnesota Society of Architects' President Elizabeth Close to Governor Perpich reminding him of the talents of the state's own architects opened a line of communication. The outcome was the creation of a welcome and effective addition to the site selection process—an architectural review panel.

"There was some reluctance among the commissioners to go with an architectural review panel," recalls John Kari, acting director of the World Trade Center Commission. "With a very tight time line, they were concerned about adding another element of complexity. But the panel was responsive to the time problem. And when the commissioners saw the standing of the group they were doubly impressed."

Indeed, the panel had the weight of experience and professional reputation. Elizabeth Close, principal of Close Associates and the 1983 President of the Minnesota Society of Architects, has practiced in this region since 1938. Ralph Rapson, dean of the School of Architecture for thirty years, has been one of the most influential modern architects in the area. Bernard Jacob, of Bernard Jacob Architects, is well known for his architectural writing for *Architecture Minnesota*, the *Minneapolis Star and Tribune*, and *Corporate Report*. Lorenzo (Pete) Williams, principal of

Williams/O'Brien Architects, has led nationwide efforts to promote architectural standards. William Moser is vice-president and director of design for Architectural Resources, a pre-eminent Iron Range architectural firm. "It was most important that the commission did not select the architectural review panel," said Kari. "The Minnesota Society of Architects did. The group had the credibility of a professional association behind it."

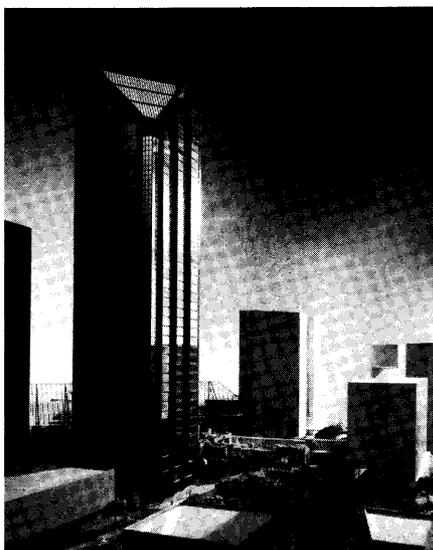


Photo: Lenscape, Incorporated

The winner of the World Trade Center competition: Oxford Development Company's proposal for a vacant site next to Dayton's department store in downtown St. Paul. Architects: Winsor/Faricy Architects, Inc. in association with WZMH (The Webb Zerafa Menkes Housden Partnership) of Toronto, Canada. To the comment of the architectural review panel that the tower may be overly flamboyant for its site, St. Paul Mayor George Latimer replied, "Minnesota could go a long way toward flamboyance and not go over the edge."

The panel's charge seemed simplicity itself: to assess the World Trade Center submittals against the commission's objectives—location, views, convenient parking, adaptable tenant space, quality building and, most important, landmark identity. But the developers' proposals ranged wildly in detail. Most provided typical floor plans; Pei Property Development's concept for the Milwaukee Road Depot site was only that—a concept. The panel used

the commission's objectives as guides and weighed the strengths and weaknesses of each trade center submittal.

The panel became an integral part of the selection process. When the developers made their first presentations to the World Trade Center Commission (a body mandated by the Legislature and appointed by the Governor to select a site), the architectural review panel participated. "You people asked questions we never would have thought of," commissioner William Luther told panelist Rapson later. Commission chairman Richard Nolan identified the panel's impact on the developers: "The mere presence of a group of distinguished architects as part of the process was a signal to the developers that they should come forth with something of high quality."

But equally important, the panel articulated concerns about design, function, and urban context in a way that elevated the commissioners' own understanding of architecture. The panel, in short, subtly but effectively raised the consciousness of design of all involved in the World Trade Center drama.

As well as participating in the trade center hearings, the panel visited all the sites with the commissioners. "That was *very* important," said panelist William Moser. "We all knew the sites in general terms, but really understanding them was critical. I went back two or three times." The site tours also allowed commissioners and panelists some informal interaction. "More informal contact would have been better," said Kari. "I wish we had had the panel on line earlier."

After making individual evaluations of the proposals, the panelists turned them over to Bernard Jacob, who acted as the panel's official pen (truly a panel of equals, the group never designated a chairman). Jacob compiled the individual evaluations into a consensus statement, which each reviewed. Specifically instructed to evaluate, *not rank*, the proposals, the panelists spoke to the strong and weak points of each submittal.

On Wednesday, January 25, two days before the commission was to choose

Continued on page 80

CERAMIC TILE'S A SUPER VALUE

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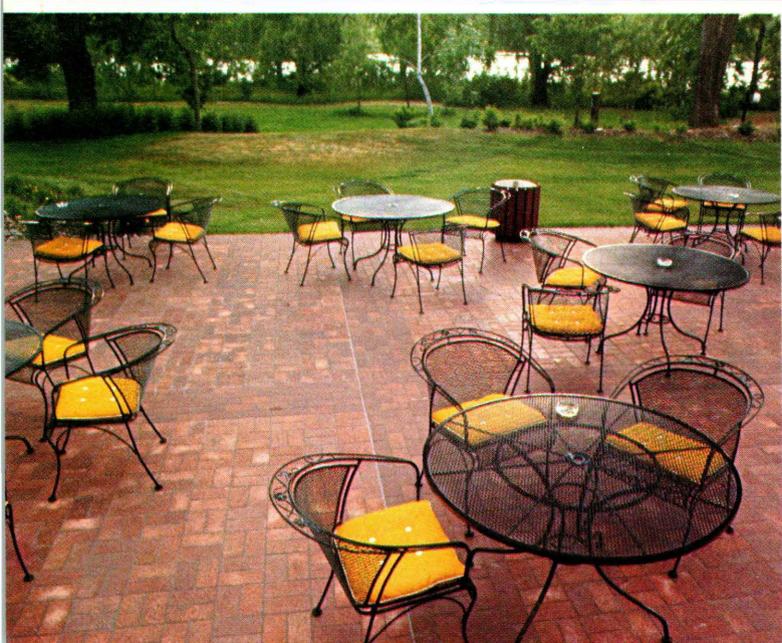
"We are very pleased with the building and especially the efficiencies that permit Super Valu to remain the most effective supplier of goods and services to the independent food retailer." So says Vice-President of Store Planning and Engineering, Lloyd Stenbeck, of the company's new headquarters' building in Eden Prairie.

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Canada

opinion

Can one of America's best-preserved Victorian boulevards remain that way?

By Thomas Zahn

From its humble beginning as the backroad to the Edward Duffield Neill homestead in the 1850s, St. Paul's Summit Avenue grew into one of America's grandest and best preserved Victorian residential boulevards. Although mansions were moved, altered, and demolished by the score at the turn of the century, there has been little change to the Avenue since the late 1950s. Recently, however, glaring exceptions to this rule have disrupted the Avenue's sleepy disregard for change. The razing of the Cutler residence at 360 Summit in 1968, the destruction in 1974 of the Hutchings House at 755 Summit by the House of Hope Presbyterian Church, and the demolition in 1982 of the Macalester College Presbyterian Church/Stella Woods Center at 1652 Summit by Macalester College point to the need for preservation controls along this architectural anthology.

To guarantee the protection of significant architecture in the Ramsey Hill area, St. Paul established its first Heritage Preservation District in 1980. As the backbone of the Hill District, Summit Avenue, from the Cathedral of St. Paul west to Dale Street, is assured permit and design review for any exterior changes including demolition to its housing stock.

Design review by the Heritage Preservation Commission has served the east end of the Avenue well. However, this past summer three controversial projects began, all within a three block area just outside the design controls of the Hill District. The first of these to come to my attention was the disruption of the landscape at 808 Summit. The new owner had subdivided the property, separating the carriage house from the main Beaux Arts-Renaissance structure, in an attempt to create additional condominium units in the accessory building. Having lost access to the carriage house, he began excavating from the side street down to the basement level of the main house in search of garage space. The brick retaining wall was soon broken through and the once abundantly landscaped



Summit Avenue, preserved and lost. The G. Bohn House (left) still stands. The H. E. Hutchings House (right) was razed in 1974.

Photo: Tom Lutz/courtesy Minnesota Historical Society

grounds were gnawed at by heavy equipment. With the onslaught of winter, the side yard stands in shambles like a snowy downtown development site.

The second project that shook the Avenue from its inertia was the proposed townhouse development between St. Albans and Grotto Avenues. The former Hartzell School playground was to be the site of seven new townhouses with seven garage doors facing Summit. This suburban approach to auto access soon faced neighborhood opposition. After meeting with the local resident association and preservation-minded citizens, the developers agreed to tuck the garages in the back of the structures. This compromise did, however, leave the front entrances a story above grade, creating a new architectural curiosity along the Avenue.

Finally, the Summit Avenue Assembly of God Church began expanding its school building on the corner of Summit and Victoria. The expansion, while not that intrusive, has at this writing what appears to be the substructure for a fast food franchise-type mansard roof.

With the coming of spring and the completion of these projects, we will know if there is any permanent damage done to the image of the Avenue. 808's sunken driveways or the resulting parking solution may not be that noticeable from Summit Avenue. The stairs up to the front doors of the townhouses may be well concealed, or eventually seen as just another archi-

tectural oddity on a street of oddities. And the mansard-roofed expansion might be seen as an improvement to one of the least sympathetic buildings on the Avenue.

However, the risks of architectural roulette need not be taken in the future. Design review would assure sensitivity to the architecture and landscaping of this stately residential boulevard.

Dialogue has now begun on the need to incorporate Summit Avenue into the Historic Hill District or to make the Avenue a completely new district. Although local designation would require the property owners to submit proposed exterior changes to the Preservation Commission for review and approval, this procedure would assure conformance to guidelines protecting Summit Avenue's architectural integrity.

Prairie Avenue in Chicago was consumed by industrial expansion. Euclid Avenue in Cleveland fell victim to institutional and commercial growth. Park Avenue in Minneapolis lost its original exuberant character through gradual architectural erosion. It is hoped that St. Paul will learn from the demise of these once grand streets and act to protect its irreplaceable resource before it, too, is slowly and quietly lost forever.

Thomas Zahn is a city planner for the St. Paul Heritage Preservation Commission. He also serves on the board of the National Alliance of Preservation Commissions, and is active in local preservation groups.

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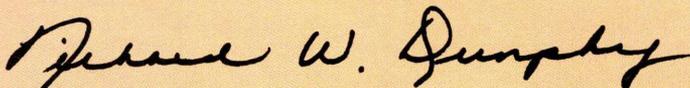
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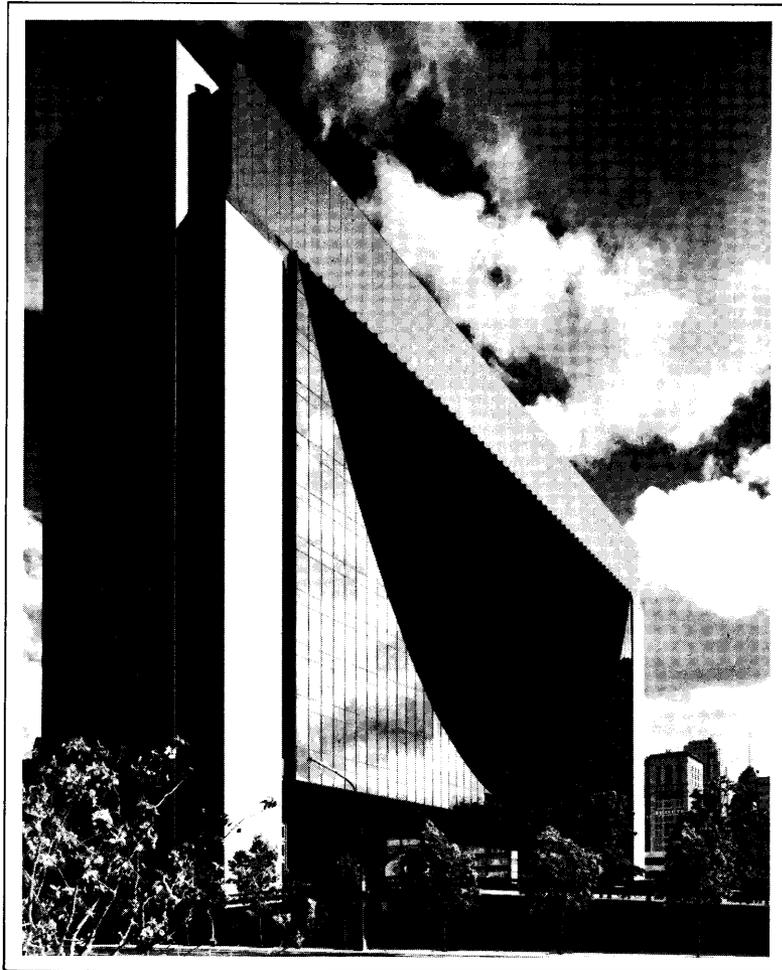


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An editorial admission and an invitation for submission

I know I'm biased toward old buildings. Still, as we attacked St. Paul in our editorial research for this issue of *AM*, we had no preconception that old would win out. We went to find what's new in St. Paul. And there's much that is: BRW's daring Amhoist office and condominium towers, right downtown on Rice Park; MarketHouse, an innovative mix of shops, offices, and housing in a Lowertown warehouse; Energy Park, a sort-of suburb-in-town with housing, a health clinic and shopping complex renewing former industrial land and buildings; Summit Bluff Townhomes, a new-while-traditional complex on historic Summit Avenue; Blair House, the former Angus Hotel caringly reworked for today's way of living.

But somehow, that special spark St. Paul makes between old and new—the transforming of past into future—was irresistible editorial fare. And we pass it on—in irresistible form, we hope—to you.

A new editor, I trust, can be forgiven showing her hand early. It was all right to have biases, they told us in college, as long as you made clear that you have them. What a perfect description of an editor's job! As you know, editors are paid to say what they think. No license for thoughtless rambling this, but a call to incisive, accurate and, yes, agitating commentary.

By the way, we on the editorial staff don't think we have a monopoly on interesting commentary. We invite you to share with us your opinions about architecture and design. We kick off an outside opinion page this issue with a piece by St. Paul preservation planner Thomas Zahn on the past and future of Summit Avenue. We think it sets a tone of reasoned debate on a topic most appropriate to *AM*'s St. Paul theme. You'll also see more humor, (don't miss the Design Collective's submission to the World Trade Center competition on page 102), critiques of current architecture, and timely coverage of newsworthy events in the world of architecture.

We want to make *AM* a lively forum for design in this region, as well as a magazine of beautiful, significant architecture. You can help us make that happen.

A word about money

Gordon's Mezzanine Bar in St. Paul's Union Depot provided an appropriate setting for a recent discussion with Tom Lutz, a program direc-

tor for the National Trust for Historic Preservation, about the future of historic preservation. "Will there be preservation after the Tax Act?" asked Lutz, referring to federal tax credits which encourage renovation of historic buildings. Under the 1976 Tax Act, historic designation gives developers a strong incentive for rehabilitating properties like the Union Depot and the Pioneer-Endicott Building. When developers rehabilitate according to historic guidelines, they receive a 25 percent tax credit. The law's technicalities are complex, but its impact is to make economically feasible renovation projects—like the Depot—which were not ten years ago.

But will these projects be feasible tomorrow? Recent federal regulations have so tightened the interpretation of the law that to get the tax credit, developers must now virtually restore rather than renovate the extension of structures. "The federal authorities are requiring replication of historic sash in warehouse windows, for instance," says state historical architect Charles Nelson, who reviews all tax credit projects for compliance with the guidelines. "Rehabilitation should not demand strict application. The new interpretation will make more projects economically marginal." The tax credits may not be eliminated, but they will become difficult to use.

Without that financial incentive, will old buildings continue to be revived for new uses? "No," argued Tom Lutz. "We're seeing railroad roundhouses, warehouses, hotels re-used all over the country because of the tax credit. Without it, this era of preservation may just be a footnote in history." "But," I, the eternal optimist, argued, "preservation has become part of our consciousness, down to the grassroots. People prefer the old." As we left Gordon's bar, we met restaurateur and Depot Place co-owner, Gordon Schutte, who showed us around. "This project," volunteered Schutte, gesturing at the depot, "would never have happened without the tax credits." And that ended the debate, with points to the economic realists.

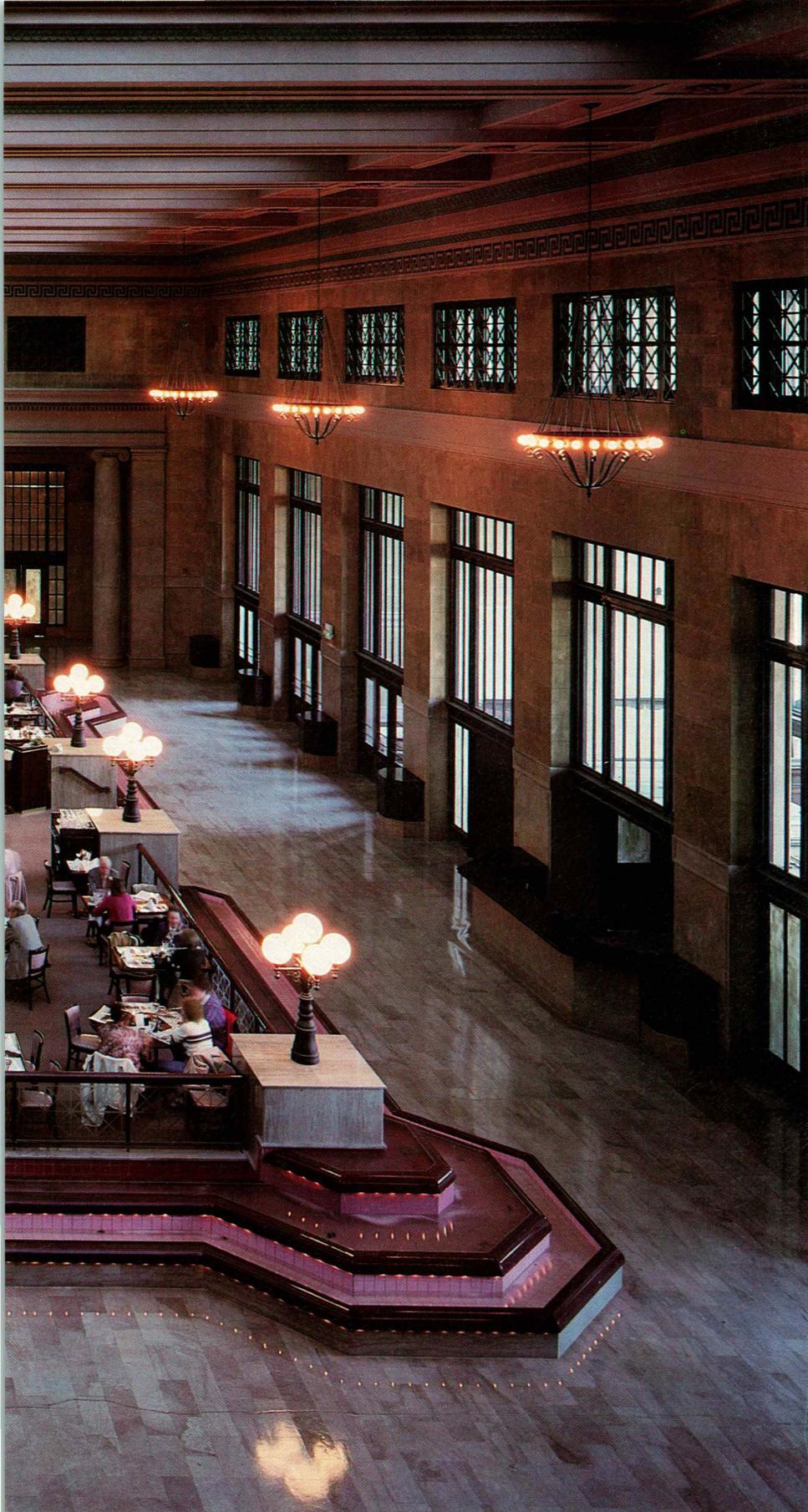
But if it takes economic incentives to ensure that old buildings contribute to the future, let's have them. Let's tell our representatives in Washington that the tax incentives should encourage re-use of old buildings. Without it, the best hope for our cities' revitalization may go the way of steamboat travel on the Mississippi.

Linda Mack

Linda Mack
Editor



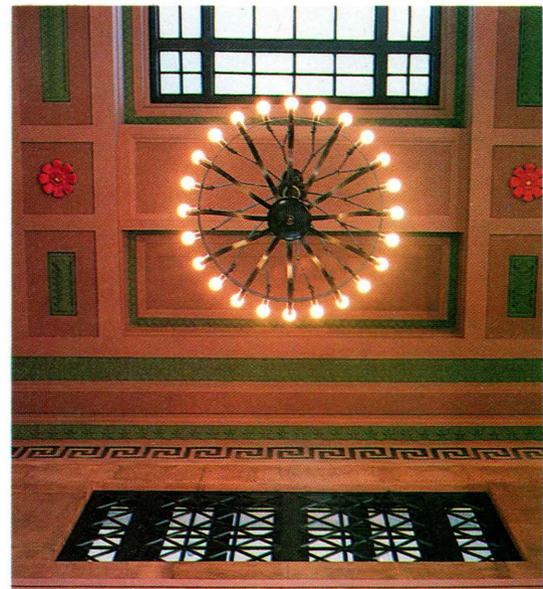
New Traffic for a Grand



By Shannon King

The old Union Depot is open again—renewed, restored, spit and polished—after ten years of near total abandonment. Just two years ago, when Asset Development Services purchased the property, it was a kind of derelict building, unwanted and uncared for, the plaster ceiling half fallen to the floor, frozen and watersogged from broken pipes and the ravages of Minnesota winters. There was even a seven-foot tree growing in the debris caught in a skylight. The only signs of life were pigeons on the roof and a real derelict living on the lower level where immigrants once entered.

“Who’d ever buy that wreck of a building with a ‘For Sale’ sign tacked to it?” Mayor George Latimer reputedly said while driving by the site on the very day that Asset Development Services purchased it.



Photos: Phillip MacMillan, James

Brian Nelson, Asset Development Services President, does not think of himself as a “rescuer” of derelict buildings, although he does like them, but as a pragmatist with good business sense. “Notice this is a grey flannel outfit,” he says, “I come out of the investment side of things. Uniqueness is a saleable product. These buildings are absolutely unique because of the sense of history they convey, and because of their craftsmanship.” Nelson looks a bit “historical” himself (or, perhaps, post-modern). Though a young man in his thirties, he sports a broad, baroque moustache reminiscent of styles in 19th century tintypes.

His company, though, is a relatively new one, just five years old. The last three have been very good years, according to Nelson. “We spotted the trend of restoration in the Midwest where so many sound older buildings

Old Station

are unused or mis-used. We're not a particularly large company and don't like to compete for \$50 million projects, but we are experienced in adaptive reuse.

Before the Depot project, Assets Development Services had recently developed the Grand Garage and Gallery in Stillwater, and were researching other places for historic renovation. St. Paul seemed perfect because "nothing was wrong in the first place." Things went downhill in the center of the city, according to Nelson, but not for any particular reason, like crime, but simply due to lack of interest. We found the Depot, and it was a pivotal building of an area undergoing rebirth," he says. "At the time, we knew the Galtier plaza was a possibility, which was a \$100 million development. It made sense to be there."

The company's biggest concern, at this point, was to find an architectural firm with the sensitivity to deal with older buildings. "Few in Minnesota have done this kind of detailed, yet large scale project," Nelson says.

Fortunately, Nelson's firm did find Rafferty, Rafferty, Mikutowski and Roney and Associates in St. Paul. "With restoration, unlike a new building," Nelson says, "you have the personality of the builders and the personality of the building. It's hard to make all that work together. Rafferty's firm did an exceptional job marrying the new uses to the old building. People come in and ask if the restaurant was always there—and that's a compliment. The mezzanine bar, for instance, was essentially Craig Rafferty's conception, working with interior designer Ron Sorenson. We're basically 'hands on' developers, and much involved all along. With Rafferty, we gave more leeway than usual, because of the direction they took the project, and their experience. We both learned from it."

The basic soundness of the headhouse was a strong factor when Asset Development Services considered the project. Although the debris-strewn interior required a massive clean-up, and was water damaged, no structural repairs had to be made. The building's reinforced concrete construction made the Twin Cities a leader in innovative technology when it was built, and it is still state-of-the-art construction. The Depot was designed by Charles S. Frost of Chicago, and built between 1919 and 1922. Its facade is of Bedford stone and the base is granite.

In the main lobby, despite the water and debris, much could be saved and re-used, and the pink Tennessee marble floors were not damaged. But decorative plaster running down the center of the roof beams had fallen, and wainscoting was water damaged. This required elaborate restoration work.

Here, the plasterers actually set up a factory in the middle of the atrium space, producing new replica moldings of reinforced plaster on the spot and installing them on the 150-foot ceiling.

A brick screen—the product of '50s remodeling—was stripped away from the original ticket counters which now divide Signal's Bar from the kitchen. An extension built out from the counters forms the bar.

The raised platform of Signal's restaurant once displayed the William Crooks steam engine—the first steam engine in Minnesota, which is now at the Transportation Museum in Duluth. Softly lit streetlamps around and within the restaurant suggest the outdoors, and extend Lowertown's streetscape concept (also developed by Rafferty).

A pink tile "moat" and fountains designed by Ron Sorenson complement the Tennessee marble floor.

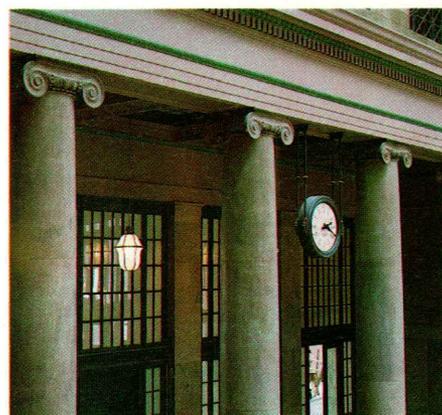
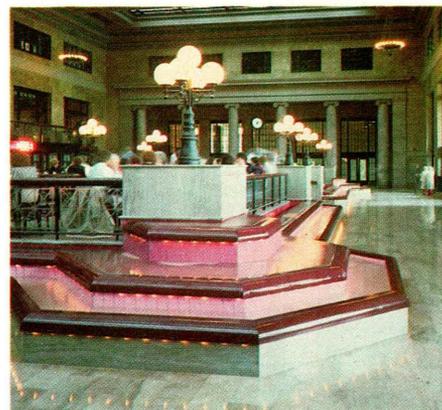
"The biggest obstacle to this project," Nelson says, "was the psychological obstacle of the financial and investment community to an investment in St. Paul. The change over the past 24 months has been phenomenal—in the attitude of loan officers, investment advisors and investors themselves. I think our efforts will make it easier to do more projects here."

Union Depot Place already has captured people's imaginations. About 1,500 people were expected for the grand opening in December, but instead, 4,500 attended. A fundraiser for the St. Paul Chamber Orchestra attracted 1,900 (The building has exceptionally good acoustics, with its oblong rectangular shape similar to many European concert halls). There is already a brisk luncheon business at Signal's which wasn't anticipated—as December isn't ordinarily the best time to open a new restaurant.

Restoration of the Union Depot confirms the fact that elegance does not go out of style. And some buildings do have a personality, a presence. The architects and designers have enhanced that personality by recognizing its *restraint* (a nearly forgotten virtue in these modern times) and resisting the temptation to impose their personal styles or make flamboyant statements. The result—a great atrium spaciousness, clarity of line, subtle play of colors—soft greys, muted pinks and pale greens—that carry the past quite irresistibly into the future. Those who remember the depot with nostalgia will be happily surprised by the fresh new look on old familiar features, and by the fresh new energy that's enlivening this old, old part of town.

Shannon King is a Minneapolis freelance writer who specializes in arts and architecture.

Where traveler's footsteps echoed, a new rumble of activity





Relaxing with a glass of vintage wine, patrons of Gordon's Mezzanine Bar (left) can enjoy a panoramic view including the activity at Signal's restaurant. Attention to detail in decor is evident in the diamond pattern in the glass balustrade, the motif in clerestory windows, and in the rosy color scheme that plays on tones of marble.

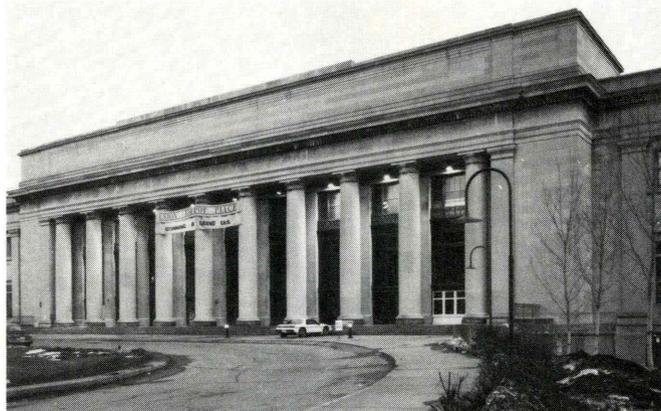
Elegant Ionic columns (bottom left) and original clock frame the inner space. Design of large windows in background is repeated in grillwork of old ticket windows at Signal's (above).

New fountain design (top left) surrounding restaurant provides pleasant sounds and sights of running water, and wrought iron streetlamps suggest an outdoor atmosphere.

The tide of time . . . and the trains were gone

First came canoes, then steamboats, then trains. Now pedestrians gather here on the banks of the Mississippi. The old Union Depot is open again.

The Depot's history is full of such Phoenix-like transformations. The first railroad in Minnesota, the St. Paul and Pacific, started at this spot, which was then the Lower-town levee, and hauled goods brought in by steamboat over swampy bogs, and around the bluffs to St. Anthony. As railroads began to pass by the steamboat, James J. Hill and his associates formed the St. Paul Union Depot Company, and made the decision to utilize a single station for all the passenger traffic coming to the city. The first Union Depot station was built in 1881 (located along Sibley Street, south of Third Street). Its huge trainshed and high peaked roof



made it an imposing structure which even impressed Mark Twain, who called it "an unusually fine rail-way station."

In 1913, the St. Paul Union Depot was destroyed by fire, and agreement on plans for a new building was hindered by conflicting railroad and city interests and the difficulties of building while accommodating traffic at the site. One plan

even proposed moving the Mississippi River channel 400 feet to the south.

Finally, in 1917, plans were accepted, but the advent of World War I caused further delay, and construction began in 1919. The headhouse, concourse and waiting room were designed by architect Charles S. Frost of Chicago (Frost also designed what is now the Bur-

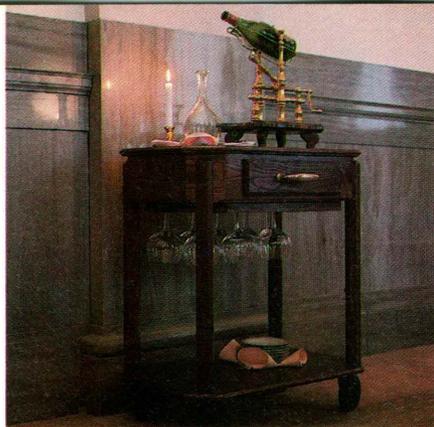
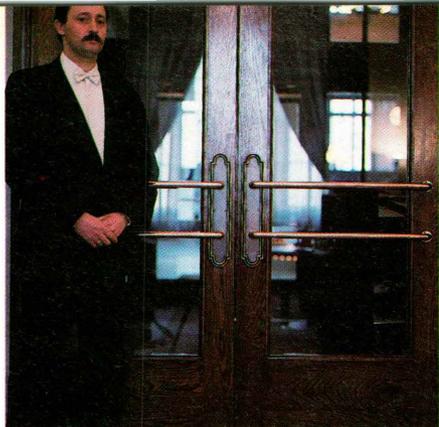
lington Northern Building in St. Paul and the Great Northern and Milwaukee Road depots in Minneapolis).

The depot opened in March, 1920 and, in short order, began handling, among other things, 746 tons of mail per day, 576,000 milkcans per year, while an estimated 20,000 passengers came through on the 282 trains arriving and departing each day.

Time, tides, and technology wait for no man—or train. With the advent of the automobile, followed by the Depression and then the growth of air travel, passenger demand continually diminished, and in 1970 less than 50,000 tickets were sold. The last passenger train pulled out of the depot May 2, 1971 when Amtrak took over the service and moved its operation to a new building in an industrial area.

Today, Union Depot Place has put on a fresh face, and is open to a new kind of traffic. The trains may be gone, but the depot is back.

S.K.



French maitre 'd Alain Bacherie (above) greets guests at Gordon's front door. Attention to detail is evidenced in custom woodwork by Aaron Carlson, Larry Jesinosky and John Lunde including serving carts (above) and textile hangings (below) by Minneapolis artist Ned Souder.



Photos: Phillip MacMillan, Jones

In the former ladies lounge, *haute cuisine* and luscious decor

The lobby of the Union Depot is a place that bustles, today as it did in the past. But through a set of double doors is a new place that invites repose. Gordon's, the newest of owner Gordon Schutte's restaurants in St. Paul, is as he calls it "classic in every detail." Its formal decor—simple and refined—provides a quiet sanctuary for fine food and wine.

Gordon's dining room encompasses more space than its counterpoint Signal's, in the Depot lobby, but it seats fewer people. Thus, even when the house is full, seclusion and privacy are maintained. As Mr. Schutte puts it, "My charter to the architects was 'There shall not be a bad seat in the house.'" Indeed, St. Paul architects Rafferty, Rafferty, Mikutowski and Roney and interior designer Ron Sorenson have fulfilled their client's wish with the careful arrangement of seating and elegant furnishings.

Mindful of the Neo-Classical style of the original structure, the architects and interior designer adapted the space for its new use by highlighting its inherent detailing and adding new complementary elements. The high backed banquettes, pinwheeling around three columns in the main dining room, are reminiscent of the seats on Pullman cars of the trains which stopped at the depot in the '20s. Designed by Ron Sorenson, the banquettes also serve as acoustical buffers, accentuating the intimate atmosphere. Softly lit with restored chandeliers and new wall sconces, the interior's coloring takes cues from the tones of the pink Tennessee marble, painted walls and wrought iron of the original structure. Wrapping around the dining room, a band of granite wainscoting blends into the mahogany wainscoting of the wine room adjacent to the west.

In the wine room, a collection of fine old Bordeaux wines are kept in temperature-controlled cellars. These cellars, sheathed in glass, allow guests to peruse the vintage wines (as mature as the 1961 Chateau Lafite or the 1970

Chateau Montrose) before tasting their selection in the elegant, almost residential sitting room.

Beyond the wine room are two private conference rooms. Audio-visual equipment will be housed in a large mahogany armoire to complement the nearby linen credenza, maitre 'd stands, sculpture pedestals and serving carts. Crafted by John Lunde, the serving carts were designed to accommodate specifications requested by executive chef Sidney Larson.

The chef's primary concern, however, was the kitchen. Here, where depot clerks formerly sold train tickets, pastries and sauces are now prepared in one of the most complex kitchens in the Twin Cities. Chef Larson requested separate work stations for the *saucier*, *rotissier*, *garde manger* and *patissier*: "My general requirements were based on the flow of activity, the menu and the number of people preparing the food." The details, from the *baine-marie* (a soft heat bath) to the marble confectionery's slab reflect the attention Gordon's gives both food and surroundings. J.G.

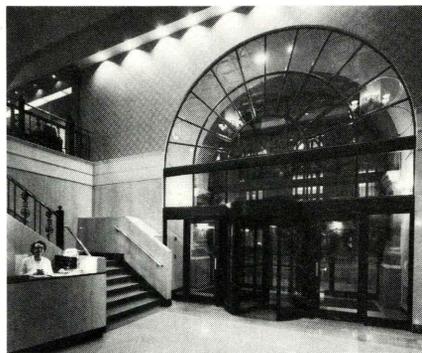


A ST. PAUL ICON RECLAIMED

At the Pioneer-Endicott, personal service never died. Now the sheen is back too



Designed by Solon Beman in 1889, the Romanesque-style Pioneer Building was the tallest building between Chicago and the West Coast. Four more stories were added in 1910 to maintain that distinction. Glass-enclosed cage elevators whizz up the eleven-story atrium on either side of jewel-like stairwell (opposite and above). Receptionist kept her post at information desk throughout renovation of the two-story lobby (right). Fanlight and entry had been covered with sheetrock. Pattern in wallpaper was designed to match lobby's tin ceiling.



To say the Pioneer-Endicott Center is a downtown office building is true but hardly telling. It is more a club. Where else does an elevator operator invite you to ride his glass-enclosed cage elevator or a lobby receptionist answer the phone for the building's small firms, just as was done in 1926? Where else do tenants catch lunch right in their own building, as their fathers, grandfathers, and sometimes great-grandfathers did? Recently renovated by Toltz, King, Duvall, Anderson and Associates (former tenants, as were St.

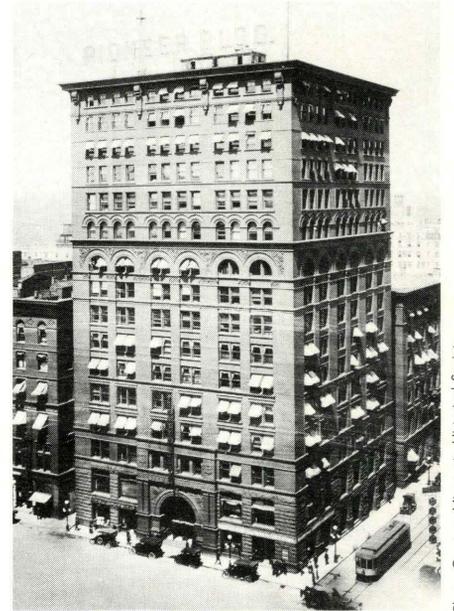


Photo: Courtesy Minnesota Historical Society

Paul architects Masqueray, Holyoke, Lundie and Ellerbe), this most St. Paul of places now glows with tradition.

The Pioneer-Endicott complex is actually three buildings designed by two of Minnesota's most distinguished architects, Solon Spencer Beman and Cass Gilbert. Owned by the Davidson Company for some seventy years, the trio endured the usual "remodelings"—a floor added in the two-story lobby, the striking stained-glass arcade white-washed and hidden behind a plastic ceiling, the carved granite archway "streamlined" with a new facade. But while Minneapolis lost its counterpart Metropolitan Building, the Pioneer-Endicott kept its open cage elevators, glass skylight, eleven-story atrium and terrazzo floors.

Neighboring First National Bank of St. Paul bought the Pioneer-Endicott buildings in 1981 and immediately undertook their renovation. The lobbies—each a gemstone—and connecting street-level arcades were totally restored, shops and restaurants remodeled, and the buildings' workings renewed. Now, the Pioneer-Endicott, has a new polish of wood, shine of brass, and gleam of cast-iron—and is still the most personal place to do business in St. Paul. *L.M.*

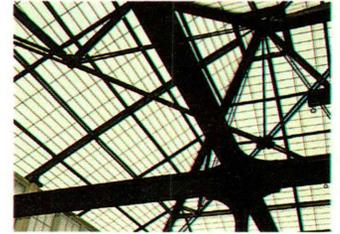
Photo: Associated Designs

Photo: Franz Hall





Refurbished in and out, the Pioneer-Endicott speaks authentically of old St. Paul



The arcades (left) give the Pioneer-Endicott a street-life feel. Toltz, King, Duvall's restoration played up that asset by creating storefront bay windows. They are capped by a wood entablature (a suggestion of First Bank's architect John Rauma), which runs through all three buildings, tying them together. The two 240-foot stained glass skylights had been painted over. Monarch Studios, with architect Foster Dunwiddie's consultation, removed the entire skylight, cleaned each piece and re-installed them in their original place.

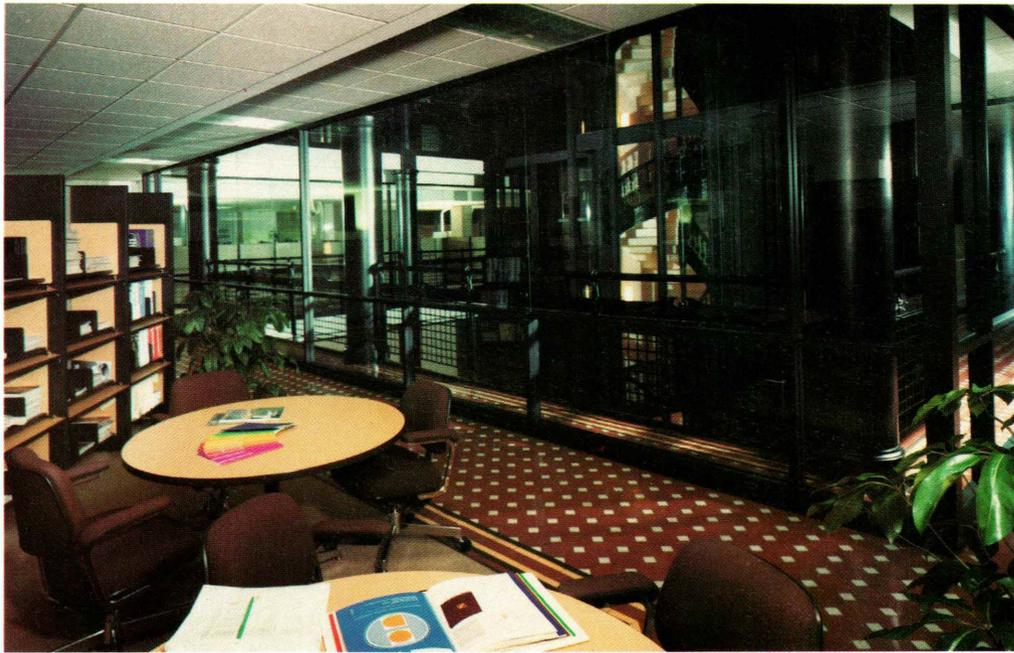
Cass Gilbert designed the lobby of Endicott-on-Fourth (below left) in Italian Neo-Renaissance style.

Unlike the Pioneer lobby, which had been turned into offices, the Endicott lobby was well maintained. TKDA installed new lighting fixtures and elevator doors, the perfect final touches to a palatial entry.

Skylight of the Pioneer atrium (above) was "more tar than glass," according to project architect Dean Johnson. It was cleaned and re-glazed. Exterior cleaning, window replacement and restoration of the three building facades completed the Pioneer-Endicott's renewal.

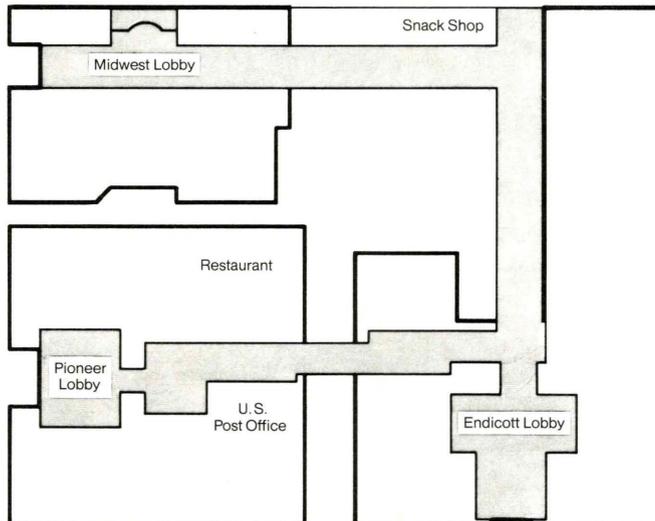


Photos: Franz Hall



Arcades, restaurants (above) and shops make a community of the three Pioneer-Endicott buildings. The Endicott-on-Fourth and the Midwest (also known as Endicott-on-Robert), designed in 1891 by Cass Gilbert, wrap around the Pioneer (see plan right).

The Pioneer's newest tenant, First Computer (top), breaks the mold of small family-owned firms. First Computer's open offices look through glass curtain wall directly onto atrium, the original terrazzo floor used as a pedestrian path. Bars on curtain wall parallel atrium's iron ballustrade, a touch suggested by state historical architect Charles Nelson.



A craftsman to equal the stone



Photo: Franz Hall

Stonemason David Arndt was stopping to see his insurance man in the Pioneer-Endicott Building when he noticed the scaffolding around the granite-arched entry. "Yes, there's lots of stone work here,"

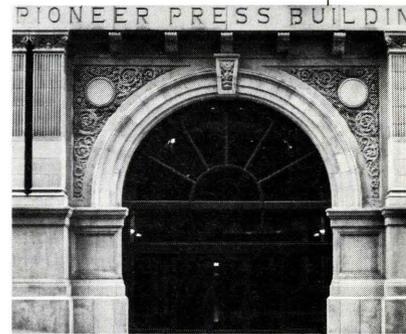


Photo: Jeff Garry

the tuckpointer assured Arndt, who sought out the building's managers and offered his services. Concerned that the ninety-year-old stone could not be matched, they had planned just to fill in the damaged archway. Arndt, a young craftsman of no uncertain opinions, convinced them he could recreate the ornamental facade for the same cost.

To find granite to match, Arndt traveled to Cold Spring, Minnesota, and received permission to remove small (one to two tons, that is) pieces of stone from the closed quarry. About 40 percent of the archway's stone had been damaged when the polished granite front (top) was removed. The design was reconstructed from original photographs and the way the remaining stone had weathered. Arndt and his stonemasons and setters chipped out the weak stone, hammered the surface back, and—toughest of all—measured and cut the stone to fit the gaps in keystone, corbels, medallions, filigree and griffin. "The granite is so crystalline that it easily breaks," says Arndt. "This is jewelry work on a large scale, but the tools are hardly jewelry size."

Within twelve months, the work was done, the granite archway good as old. Today (bottom), the Pioneer's facade proclaims the worth of doing it right.

L.M.



Photos: George Heinrich

Hometel Lowertown Style

Or how a "Spanish" franchise went *simpatico*

A first glance at St. Paul's new Granada Royale Hometel invites, nay demands, a second look. Has a fast-growing franchise hotel chain known for its "Spanish" style built such a frankly old-fashioned hotel in St. Paul's Lowertown? Indeed it has, with the help of the city, Lowertown Redevelopment Corporation and Minneapolis architects Bentz/Thompson/Rietow, Inc.

Although it may seem the Granada Royale sprang up full-blown last summer, its history is as intricate as its ornamentation. Back in 1979, Weiming Lu, Executive Director of Lowertown Redevelopment Corporation, a public-private partnership formed to promote quality development in this historic area, hired Bentz/Thompson/Rietow to study this crucial and most difficult wedge of property near the freeway. The city opted to move the farmers' market to clear the site and, with \$10 million in revenue bonds, enticed Hometel, a fifteen-year-old franchisor, to build one of their atrium hotels on the 2.3 acre site. Hometels have swept

the country with their unique hotels of two-room suites around a greenery-filled atrium.

But the typical Hometel, like that on

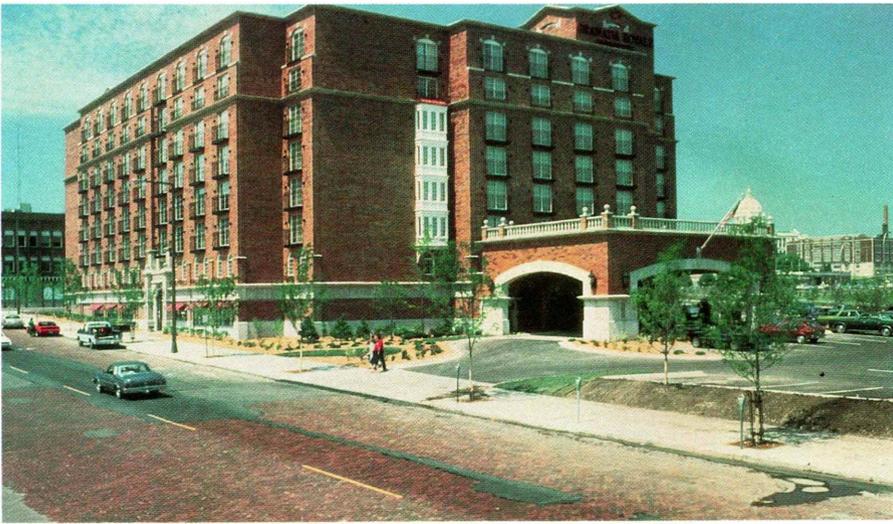


the freeway strip in Bloomington (opposite top), suffers from rampant suburbanism. Usually a Spanish-look stucco square topped by a red mansard roof plunked in the middle of a site surrounded by parking, they have what franchisors seek like the Holy Grail: identity. Such a building among Lowertown's historic warehouses would have been a bit like a Taco Bell in Dublin.

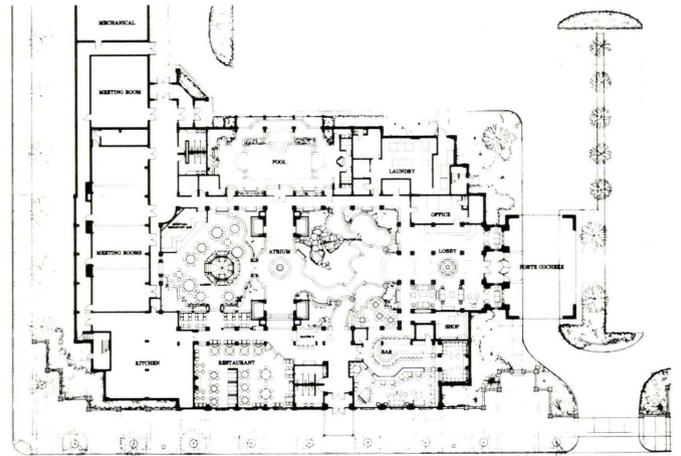
The watchful interest of Weiming Lu

and Douglas Foster of St. Paul's planning department and Hometel's happy selection of Bentz/Thompson/Rietow prevented such a disaster. Architects Milo Thompson and Robert Rietow had a mastery of traditional idioms (evidenced in Greenway Gables in Minneapolis) and an understanding of Lowertown's aims from earlier site studies. With these skills and insights, they were able to meld their goal—to make the hotel fit its urban surroundings—with that of the developer to have an identifiable building.

Hometel owner Robert Woolley quickly rejected the first "post-modern" version: flat facades with circles and arches along the cornice. Unconstrained by architectural purity, Woolley wanted, plain and simply, an "interesting building." Some seventeen design rounds later, all agreed that Bentz/Thompson/Rietow had a design. Now, Lowertown's warehouses have a *simpatico* neighbor. And Hometel has a new, urban model for its franchises around the country. *L.M.*



"Push the bricks around," Homotel president Woolley instructed the architects. And they obliged with coursing, columns, corners and keystones(left and top opposite), a contrast to the more typical Homotel (below) in Bloomington.



Unabashedly eclectic, interior designer Arthur Valdez and Company of Newport Beach, California, filled the eight-story atrium with a gazebo, greenery, red tile roofs, rocks, water, even ducks (left).

Bentz/Thompson/Rietow suggested the restaurant (plan, above) be moved to the street side to draw the public. Parties held in the atrium share their festive air. Indeed, here, even Scandinavians act Spanish. People leave doors open to the balconies and exchange greetings in the halls. With bedroom secured as private space, living-room-kitchen (above) can be more public.

Photo: Phillip MacMillan James

By Mayor George Latimer

St. Paul was born a river town. The Mississippi River is the city's birthplace and its birthright. St. Paul's history, character, geography and economic base have been shaped by this stretch of winding water. Few people realize that at its headwaters in northern Minnesota, this magnificent river is a tiny stream one can cross in a few steps. But by the time the Mississippi reaches the Twin Cities, it has earned the title "mighty." And it is wide enough, strong enough and still beautiful enough to dominate the metropolitan area. It is St. Paul's greatest natural resource—nature's architecture impinged upon by the urban landscape.

Unfortunately, the contemporary riverfront reflects decades of neglect. Its historical prominence has declined, and in downtown St. Paul its attractiveness is more a latent opportunity than an established fact. Over the years, many dreams and plans for improving the riverfront have been presented, but few have actually been implemented. A 1978 newspaper editorial was skeptical of the city's riverfront planning efforts: "If the pages of all the studies done on the Mississippi River in St. Paul were laid end-to-end, they would stretch from Lake Itasca to the Gulf of Mexico. It would take a bold riverboat gambler to lay a bet that anything will be accomplished."

There is a painful ring of truth to the editorial, one that is intensified by the many fine examples of waterfront improvements that are so popular around the country. Cities on both coasts and along the Mississippi River have been very successful in recreating exciting, vibrant waterfront areas that are great assets to their communities' economic development. St. Paul has learned from the most successful of these communities, and has undertaken a new initiative to develop its riverfront.

St. Paul's mayor leads a march to the Mississippi

The key to the St. Paul Riverfront Initiative, as it is titled, is to emphasize public and private activities that achieve *investment*. By utilizing an entire range of potential development tools, government programs, private investment incentives and the energy of riverfront property owners and developers, St. Paul will develop its riverfront in a creative, exciting and productive manner.

The city's Mississippi riverfront is one of the most diverse in the country. The diversity stems directly from the his-



tory of the river and St. Paul's growth around it. Unlike many other river cities, all of the historical activities that once took place on the river still thrive. Ours is a busy, *working* waterfront that meets the needs of a variety of people who use and admire the river.

St. Paul was originally founded as the region's port. Cargoes were transferred from the riverboats and distributed to the region's growing communities. The riverport is still the largest in the Upper Midwest, a key to Minnesota's agricultural exporting role, to be enhanced when St. Paul becomes the site of the state's new World Trade Center in 1986. The major terminals and river transportation facilities are significant attributes of our heritage and our economy.

At the same time as the river was growing in economic importance, it was developing into one of the region's finest recreational resources. City fathers had the foresight to acquire large areas of natural woodland, bluff and floodplain wetlands for purposes of preservation long before the growing city expanded to the river valley and gorge separating St. Paul from Minneapolis and Dakota County communities. Today these areas constitute a fine park system that offers an entire range of passive and active recreational opportunities.

Approximately 85 percent of the land in the river valley is owned or controlled by one of eight public agencies. Of the remaining land, most is owned by a handful of property owners. This consolidation of property ownership makes it relatively easy to facilitate change. So far, there has been very little investment in the properties, either for new development that is people-oriented or for maintenance.

In 1980, the St. Paul City Council ap-

proved the city's *Mississippi River Corridor Plan*, which endorsed the diversity that exists on the riverfront as highly desirable. The plan also suggested that in downtown, the river be promoted and developed "as an active, fun place to be." This implies an emphasis on festivals, retailing and commerce.

Three primary areas near the central business district that are basically underused lend themselves to the active, people-oriented retail, housing and recreational uses that many successful riverfront areas in America have today:

● **Upper Landing.** The Mississippi River at the foot of Chestnut Street is the site of St. Paul's original "upper landing." It lies between the central business district and the historic Irvine Park neighborhood, a low-density residential area filled with restored Victorian housing. The area's close proximity to downtown St. Paul, its pedestrian access to the city's convention facility and one of its primary cultural areas, Rice Park, as well as its intriguing cross-river view of Harriet Island Park make it an ideal site for mixed-use involving retail, housing and open space.

While recognizing the Chestnut Street area's potential, the city needs to address some difficult issues before investment in the area is likely. These issues include a hazardous street interchange, a large amount of land presently used by mainline railroad tracks and the market demand of suggested future uses.

● **Lower Landing.** Currently experiencing a rebirth as an artist's community, Lowertown is a warehouse district on the eastern edge of the central business district. Lowertown, one of the areas of downtown most ripe for development, presents an ideal opportunity to connect the downtown to the

RETURNING TO THE RIVER

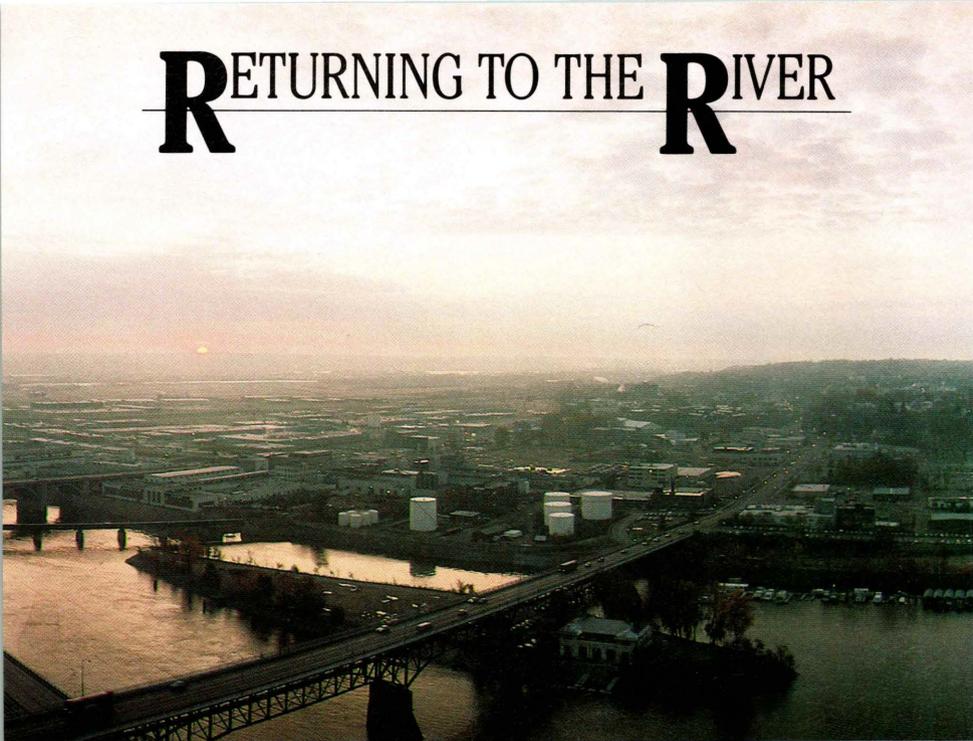


Photo: George Heinrich

river. Old warehouses are now being converted to retail and housing uses and the thriving, 80-year old Farmers Market was recently relocated to the heart of the district. It was at the old "Lower Landing" that most of the paddlewheelers unloaded and loaded their cargoes. The Landing is still the place where the Delta Queen moors when visiting St. Paul.

The old Union Depot, a railroad station that once served 140 trains a day, is currently being restored to accommodate new office space, excellent restaurants and retail facilities. The remaining portions of the Depot are in need of reinvestment and offer similar potential. Other nearby warehouses offer potential for development that is compatible and supportive of the adjacent artist housing and studio space in Lowertown. The city is committed to soliciting development that preserves the historic character of Lowertown and also allows artists and art galleries to remain in the district.

Some of the unresolved issues in Lowertown include the relocation of the railroad piggyback facilities and the subsequent setback and improvement of the major riverfront road in the area. There are plans to rebuild the steamboat landing and to connect the riverfront attractions to the Depot and the rest of Lowertown.

● **Harriet Island** Harriet Island is a large, park-like tract of land directly across the Mississippi River from the downtown. Its excellent view of the downtown skyline and bluffs, its marina facilities and landing for the Jonathan Paddelford and Josiah Snelling recreational paddlewheelers are among the many attributes of the area. Harriet Island has tremendous potential for the development of marinas, specialty shops, cultural entertainment facilities,

hotels, restaurants, bars, housing and other public amenities.

Outstanding issues for the Harriet Island area that will be resolved through St. Paul's Downtown Riverfront Initiative include development limitations for mixed-use due to flood protection soil conditions and restrictive covenants. In addition, park and recreation facilities need to be redesigned. St. Paul's Riverfront Initiative combine's city and citizen efforts to ensure that plans become reality.

● The Mayor's Office will soon recommend to the City Council that a Downtown Riverfront Commission be formed to oversee riverfront development policy and programs. Among other things, the commission will be directed to propose detailed redevelopment projects for underused riverfront areas, including realistic programs to facilitate public and private investment.

The Commission will be composed of representatives of those local entities that are in a position to actually *do* something with the riverfront, including affected property owners, river users, the investment community and neighborhood councils. The Commission will be pro-active. It will undertake research, hold hearings, adopt redevelopment strategies and review and comment on all projects affecting the downtown riverfront.

● I will be redeploying city staff from most agencies to ensure clear planning, administration and implementation of riverfront projects by all levels of government. The Department of Planning and Economic Development has set up a separate Riverfront Office, through which all projects will be coordinated. In addition to providing staff support to the Downtown Riverfront Commission, the Riverfront Office will

draw upon expertise available in other city agencies and the private sector.

● The Riverfront Enterprise Zone, the first new program geared toward maintaining the diversity of the riverfront, addresses the need for a healthy industrial and commercial base on the riverfront. The designation and implementation of St. Paul's Riverfront Enterprise Zone illustrates the city's recognition and commitment to a variety of uses.

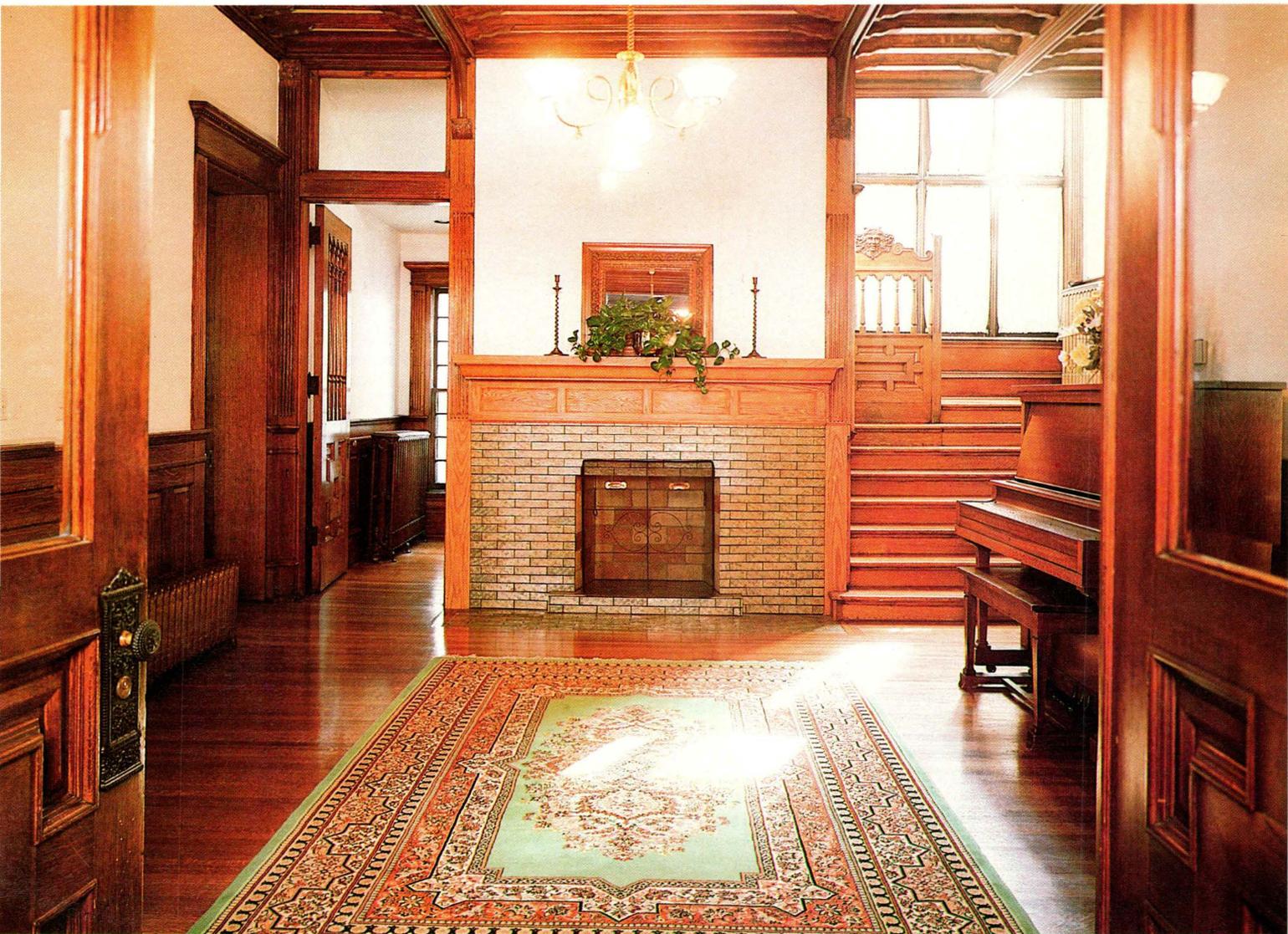
In its enterprise zone legislation, the Minnesota Legislature designed an innovative and creative program to create jobs and stimulate business development. Businesses that locate or expand facilities within the zones are eligible for a variety of tax incentives. St. Paul was allocated \$4.5 million in state tax incentives, which will be awarded to eligible businesses during the seven-year life of the zone. These incentives will be supplemented by a local tax abatement of about half of the increase in taxes resulting from capital expansion.

The city has applied for grants from local foundations to be used as a seed capital resource, providing the flexibility needed to grasp opportunities when they are presented and to move quickly to control property to avoid real estate speculation. Also, a revolving investment fund will be established to cycle and recycle loans throughout riverfront sites, providing gap-financing, local matches to federal programs and other leveraging programs as needed.

● The city is actively upgrading the many public facilities along the river. This is an absolute necessity if we are to improve the image of our riverfront and provide for public safety. Streets, sidewalks and flood walls are in varying degrees of disrepair. Thanks to an extraordinary amount of cooperation between the city, the U.S. Army Corps of Engineers and other state agencies, St. Paul now has a long-term, cooperative program for systematically improving these facilities and upgrading marinas and port facilities. At the same time, the city is coordinating scheduled park and roadway improvements with adjacent development proposals.

By itself, the St. Paul Riverfront Initiative will not guarantee a successful reclamation of the riverfront. That also depends on the enthusiastic support of the community, property owners, and a variety of outside public agencies and private resources. However, I am convinced that the time is ripe. We want to generate a whole new environment on the riverfront. The St. Paul Riverfront Initiative is the first step in the long-anticipated journey back to the Mississippi River.

ST. PAUL *LIVING*



The impressive grand entry way (above) has an oak floor and beamed ceiling (another floor of walnut lies beneath the oak). In the background, a richly carved detail on the stairway echoes the classical motif of the stone archway outdoors, as a mysterious face (possibly Pan?) emerges from a bower of leaves and vines. The fireplaces in both the entry and living room (right) were restored with matched imported tiles. "It wasn't hard to match the tile," Lilyholm says, "but you have to make sure it's done in the same manner. Masons today use wider grout lines, and this can completely change the look."



Photos: Jerry Stebbins

“On the hill” has a new meaning when looking out over St. Paul from the top floor of the Horace Rugg house at 251 Summit Avenue. It’s a little like being in a New York penthouse—or on a cliff by the sea. The spot has a palpable psychological effect.

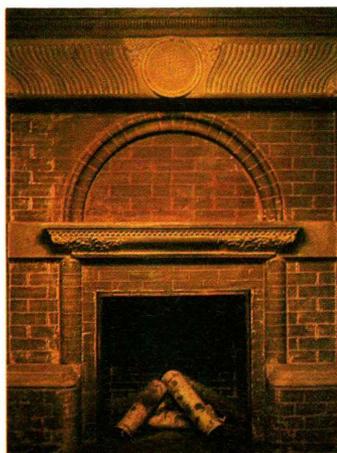
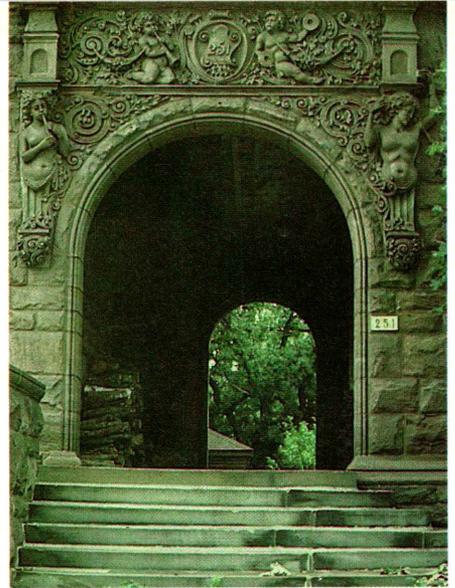
The height of 251 was a major attraction to Carol and Len Lilyholm (of St. Paul architectural firm Lilyholm, Young and Gleeson), who purchased the property four years ago. “And the untouched attic space was a creative challenge,” Carol Lilyholm explains. “Other things that appealed to us were the banded brick, the copper downspouts, and figures over the archway. This house has both wonderful materials and space. We wanted to retain its integrity.”

The Horace Rugg house has a great deal of integrity, intact. Owned by the Archdiocese of St. Paul since 1931, it has not undergone the frequent “improvements” of successively changing ownership. It is a sturdy brick Romanesque style built in 1887 by the architects Hodgson & Stem. The design is similar to Stanford White’s Tiffany house built in New York City in 1884.

One can only speculate on the character of Horace Rugg, a wholesale merchant of railway and plumbing supplies—he may have been cold and austere, or warm and jolly. For his house combines complementary elements. The dramatically strong, stern structural lines of the exterior are balanced by the warmth of orange brick, especially when fired by an evening sunset. Inside, as well, the functional, clean spatial lines are softened by the rich woods—oak, cherry, sycamore, bird’s eye maple—in floors, panels, mantels and beams. With light from the many fireplaces, the atmosphere fills with a burnished coziness.

The Lilyholms reversed history to make this warm house available for living, after its fifty-odd years as office space for the Archdiocese. “What do we do with these huge houses?” asks Lilyholm. “We don’t want Summit to go commercial.” Their sensitive solution was to adapt the 100-year-old single-family residence to a three-family dwelling. To maintain the integrity of the house, “we let the house itself determine the divisions.”

To that end, the first two floors were kept as one unit. “This is very unusual for a condominium,” says Lilyholm. “It has 4,000 square feet of space, as large as a house.” The first floor flows up the stairway to the spacious bedrooms, as naturally as it did a hundred years ago. Kitchen and bathrooms have been updated. Otherwise, the Rugg house speaks of the elegant tradition of living on Summit Avenue.



A copper drain spout where the date of the house is preserved (top left) accents the color of the banded brick exterior. Elegant archway (top right) frames the entrance to the Horace Rugg House. Playful forms of naked nymphs with flutes and tambourines (spirits of house and garden), welcome the visitor’s eye, and contrast warmly with the austere structural lines of the Romanesque Revival style.

In the dining room (left) the Rugg monogram is carved in stone over the fireplace.

Photo: Jean Gorman

Downstairs in a Summit mansion, history in detail

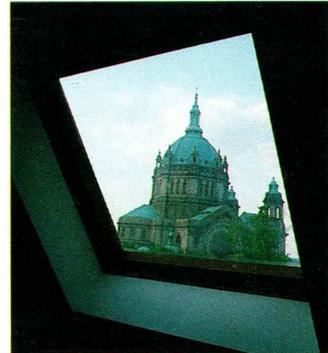
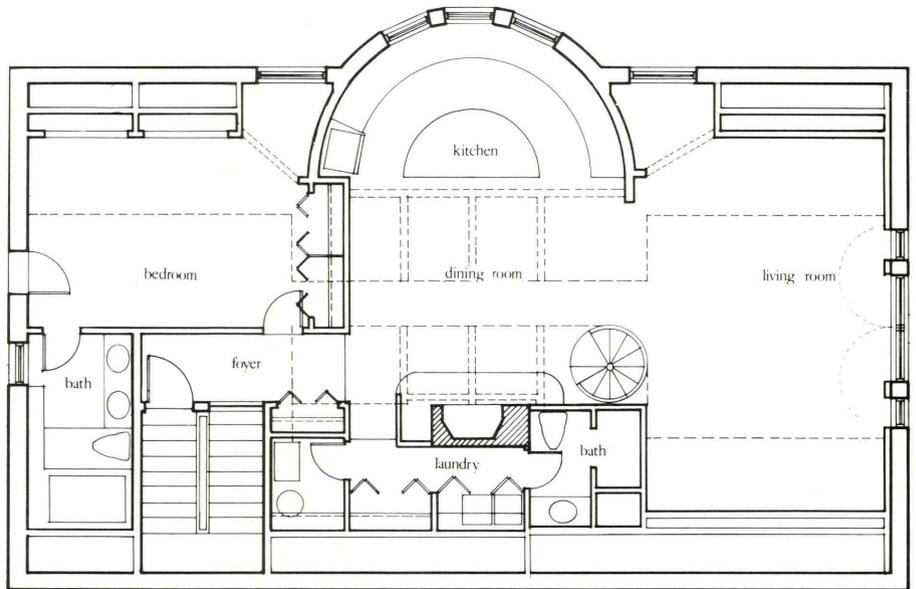


Upstairs, fresh lines fill old space

While living downstairs at 251 Summit maintains the ambiance of the last century, living upstairs is definitely up-to-date.

The raw attic space of the Rugg house has become a totally contemporary unit, complete with vaulted ceilings and loft. This is the *aerie*, with the fantastic view. "You can watch the clouds or a storm roll in from the west," owner Carol Lilyholm says. "You're in the heart of the city, yet there is a remoteness." Other than clouds, the only structure at eye level is the dome of the St. Paul Cathedral rising in grand detail a few hundred yards away.

Inside, the characteristic arch of the windows gives the only hint of being in a century-old house. The space is clean, light, open. A bedroom loft is designed so only its catwalk interrupts the flow of space. Looking down from the loft, the kitchen bay area and work space form an abstract geometrical design creating the kind of effect De Stijl architects often aimed for—combining aesthetic purity with practical principles. Lilyholm's concepts of modern design were influenced by several trips to Austria in the early '70s where the clean lines and white walls so familiar today pre-dated their introduction in the United States. The curving kitchen occupies a 19th century bay. A spiral staircase repeats the circular motifs of windows and kitchen. In all, an ingenious way of making new space in an old place. S.K.

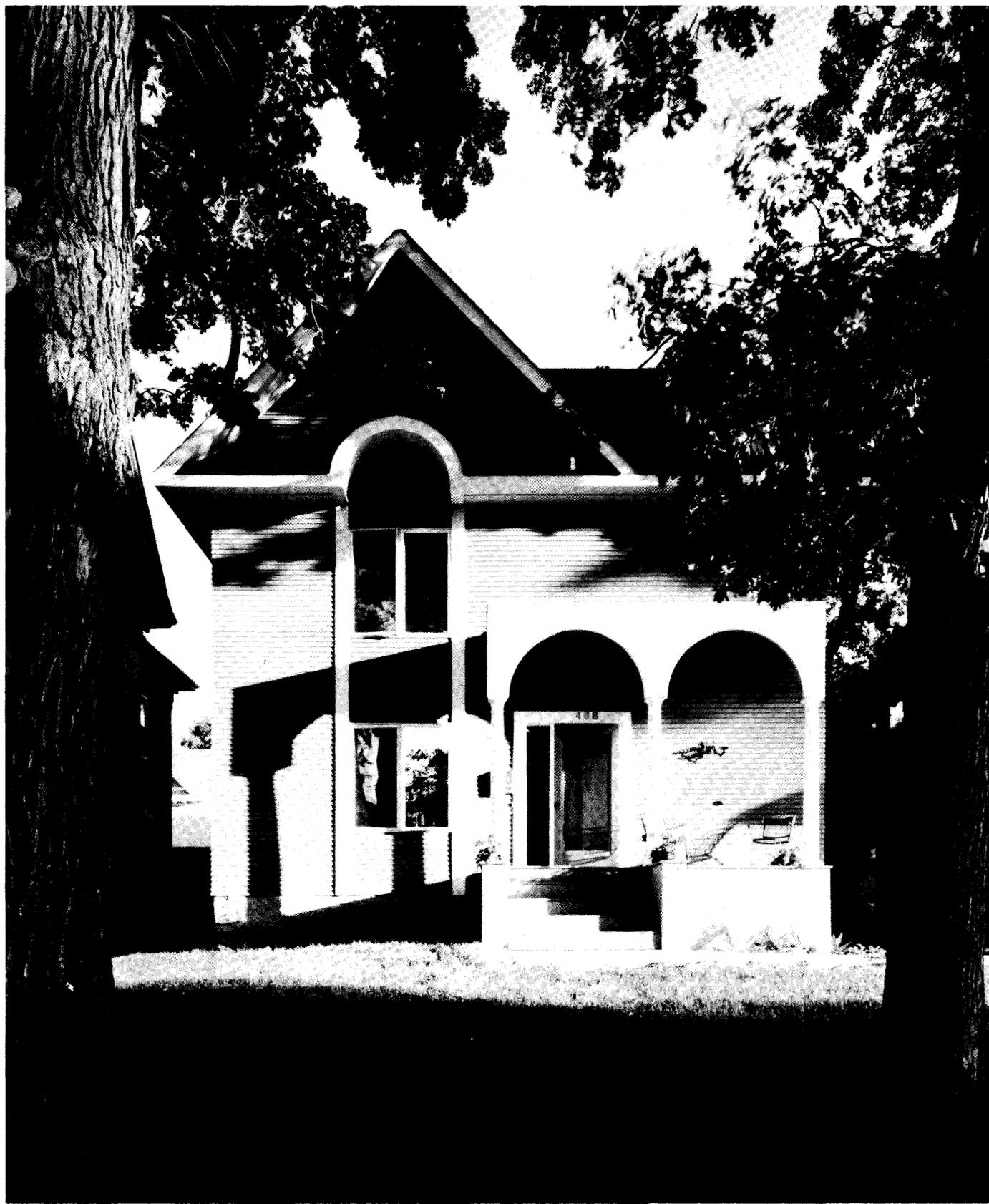


In the former attic space, European design fixtures add to the crisp feel. Both bathroom and kitchen (left) have a brass modular plumbing system by Vola which the Lilyholms first saw in the Design Collection at the Museum of Modern Art in New York. The all tile bathroom, with its deep tub, was designed by the Danish architect Arne Jacobsen. Velux skylights work well for restoration: their flat profile lets in light without disrupting the original roofline. Perhaps from the attic Horace Rugg had the unique pleasure of watching the dome (above) being constructed.



When modern means well

A most proper neighbor comes to a very Victorian street



By building a brand new house in a very old neighborhood, Harry Gregg and Julie Belle White solved a domestic dilemma. He wanted a contemporary house, she was leaning toward Victorian. Their house on Holly Avenue in St. Paul, design by Bernard Jacob, is, in a way, both.

The north-facing front of the house borrows details and motifs from its neighbors without mimicking them. Because the house is in the Ramsey Hill district, its exterior design had to be approved by the Historic Preservation Commission for compatibility with the neighborhood. And compatible it is. Covered with slender-strip clapboards and resting on foundation blocks of rough concrete common to the period, its 32-foot facade runs flush with the houses next door. The front porch arches and small windows echo those on a house across the street. To the south, the back of the house takes on contemporary lines with large windows, a deck and foundation for a greenhouse.

The old/new-north/south orientation is paralleled inside the house as well. In front, a formal dining room is made up of a medley of Victorian elements: skinny-slat oak floor, stained woodwork and wall sconces from the original Hubert White clothing store which belonged to Julie Belle White's grandfather. In back is an airy modern kitchen with white walls, formica countertops and light wood cabinetry. White, a traditionalist who does her own baking and canning, spent a summer researching and "plotting out" the kitchen. A living room of equal size occupies the other half of the back portion of the house. Its slanted ceiling sweeps over the rectangular space 21 feet above a balcony to the second floor.

Up a staircase half a floor, is a small, windowless hideaway—a book-filled library. Up another half floor, a catwalk leads to the master bedroom overlooking the living room. The wide open space and big windows create a lofty atmosphere. "It feels like a treehouse," says Gregg. Two additional guest rooms that double as studies fill out the house on the second and third floors.

At Jacob's suggestion, the couple think of the back yard as another room in the house. Here, landscape architect Jule Thieler of Holm and Olson designed a formal French garden, mixing it with vegetables and perennials. There are future plans for a fountain, wooden louvred fence and a greenhouse where they would like to grow orchids and blooming plants. As landscaping continues, it won't be long before this new house will look as though it has been there one hundred years. *J. G.*



In the kitchen (top left), a wide passageway around a central work island allows room for others to join the cook while preparing dinner. "I don't believe in isolating the cook," says White. "The kitchen is a social space as well as a cooking space."



Large triangular window and glass doors in living room (above) allow backyard greenery to be viewed as an extension of the house. Living room fireplace combines energy economy with aesthetics: it draws in outside air and vents back the heat while set snugly into the wall.

Front exterior (opposite below) shows a conservative facade to its neighbors, keeping its contemporary profile low in back (bottom).





A garret goes gracious

High on a historic corner,
Motherwell meets Aubusson



Photos: Phillip MacMillan James

When Patrick Redmond and Deborah Bart were looking for a living space a year ago, they wondered if they could find a place they could both live with. The likelihood of successfully meshing his taste for Robert Motherwell and Eames chairs with her taste for late 19th century tapestries and Victorian furniture seemed very slim, indeed. But they found a solution in a split-level garret apartment on Holly Avenue in St. Paul.

An early '20s-style duplex, the building was moved to its present site in the late '50s when a fire destroyed a church that had occupied the lot. In 1981, after the duplex had fallen into disrepair, it was bought by Louis Sudheimer, president of Heritage Development, Inc., and was completely rebuilt. Architect Foster Dunwiddie of Miller/Dunwiddie Architects helped to transform the exterior into a Victorian stick-style residence to complement the neighboring turn-of-the-century houses. A matching carriage house was built in back.

Inside, the Mission style of the two lower units gives way to unabashed contemporaneity on the third floor. The high ceilings created by bumping up the roof give light and air to the narrow (12-foot wide) living and dining rooms. The entire space, designed by Tim Geisler of the Design Consortium, is articulated with a variety of angles formed by the sloped ceilings and windows punching through them. "The angles are challenging," says Bart. "It's like living inside a sculpture." Set into the living room wall, a fireplace topped with three giant cylindrical flues breaks the flat plane. The cylinder is repeated in a spiral staircase leading to the design studio above.

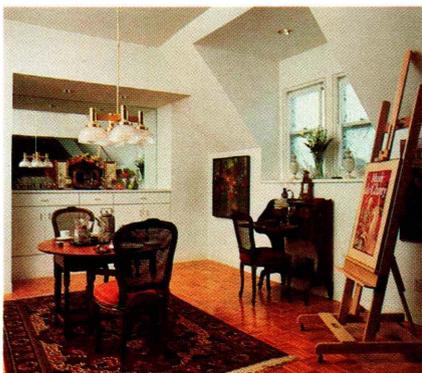
The bathroom and two bedrooms (one of which is used as a workspace for the couple's computer graphics business) flank the short hallway leading to the kitchen. The kitchen is a mini-gallery: a backdrop of all-white walls, floor, appliances and cabinetry is splashed with the color of prints, paintings and knick-knacks. Indeed, in the kitchen as elsewhere in this garret apartment, past and present thrive in colorful profusion. J. G.



Sunshine spills through skylights from studio upstairs to living room (opposite top) where contemporary prints, aquatints and original drawings line the wall. New and antique furniture surround fireplace (below) accented with 19th century French chinoiserie screen. Heightening the color are fresh flowers everywhere. "We always have flowers," says Bart. "They're listed as a necessity in the budget."



Track lighting runs across 21-foot ceiling in kitchen (top), where Redmond experiments with cooking. He records illustrated step-by-step recipes in his sketchbook while friends sit in Parisian cafe chairs at marble table with cast iron base (above). Windows (opposite below) etched with pattern from Louis Sullivan's Owatonna National Bank, mesh with porcelain vases and figurines atop Art Nouveau oak desk in dining room (far left).



A romantic rowhouse finds its past



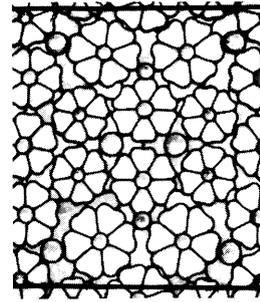
Photos: George Henrich

Just before America launched into the Jazz Age, F. Scott Fitzgerald polished the manuscript of his novel *This Side of Paradise* in the Summit Terrace rowhouse in St. Paul. Built in 1899 and designed by Willcox and Johnston during a period of stylistic pluralism, the rowhouse is an imaginative dwelling of eight attached but individual apartments. Perhaps a bit snappishly, Fitzgerald characterized it as "a house below the average . . . on a street above the average." A typically eclectic Victorian pastiche, its primary stylistic garb is Richardsonian Romanesque—rounded arches, recessed arched entries and heavy rough-hewn stone—but it is mixed with a touch of High Victorian Gothic in the steeply pitched polychromed gables, and Renaissance details in an original two-story loggia.

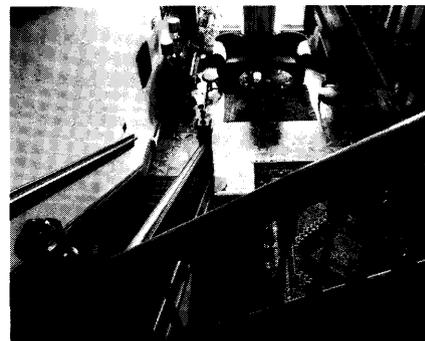
Casually glancing at the facade, one may not readily see its symmetry—contrasting details break up the repetition. But the underlying balance can be seen by following the design inward from the two corner turrets into the pitched gables with projecting bays, to the flat-faced bays with hip roofs and projecting eaves, to the two central bays with oriels above the entrances.

Listed on the National Register of Historic Places since 1972, the building's exterior is protected from alteration. Inside, several residents have worked to restore the original flavor of the Victorian interiors. When Dr. Christopher Brown and his family moved into their unit two years ago, they found it divided into three apartments. Restoration began by removing the sheetrock which had covered the central three-story stairwell. Opening up the stairway brought sunshine into the second and main floors through a roof-top skylight. It also re-established the spatial scheme of the original single family unit. Carpeting in the living and dining rooms was removed and the wood floors were replaced. The kitchen, updated in the '50s, was re-worked to be compatible with turn-of-the-century detailing. Dr. Brown has scoured antique shops and estate sales all over the country to find fixtures, hardware and furnishings to blend with the Victorian period. Upstairs, the second and third floors serve their original purpose as private family space once again.

This Victorian rowhouse expresses the public taste for variety during the Beaux Arts period when architects drew freely from European styles and combined them in new ways. Though modest by Fitzgerald's reckoning, it is nonetheless a fine example of the type of residential architecture designed by prominent St. Paul architects who made turn-of-the-century Summit Avenue a byword for elegant living. *J.G.*



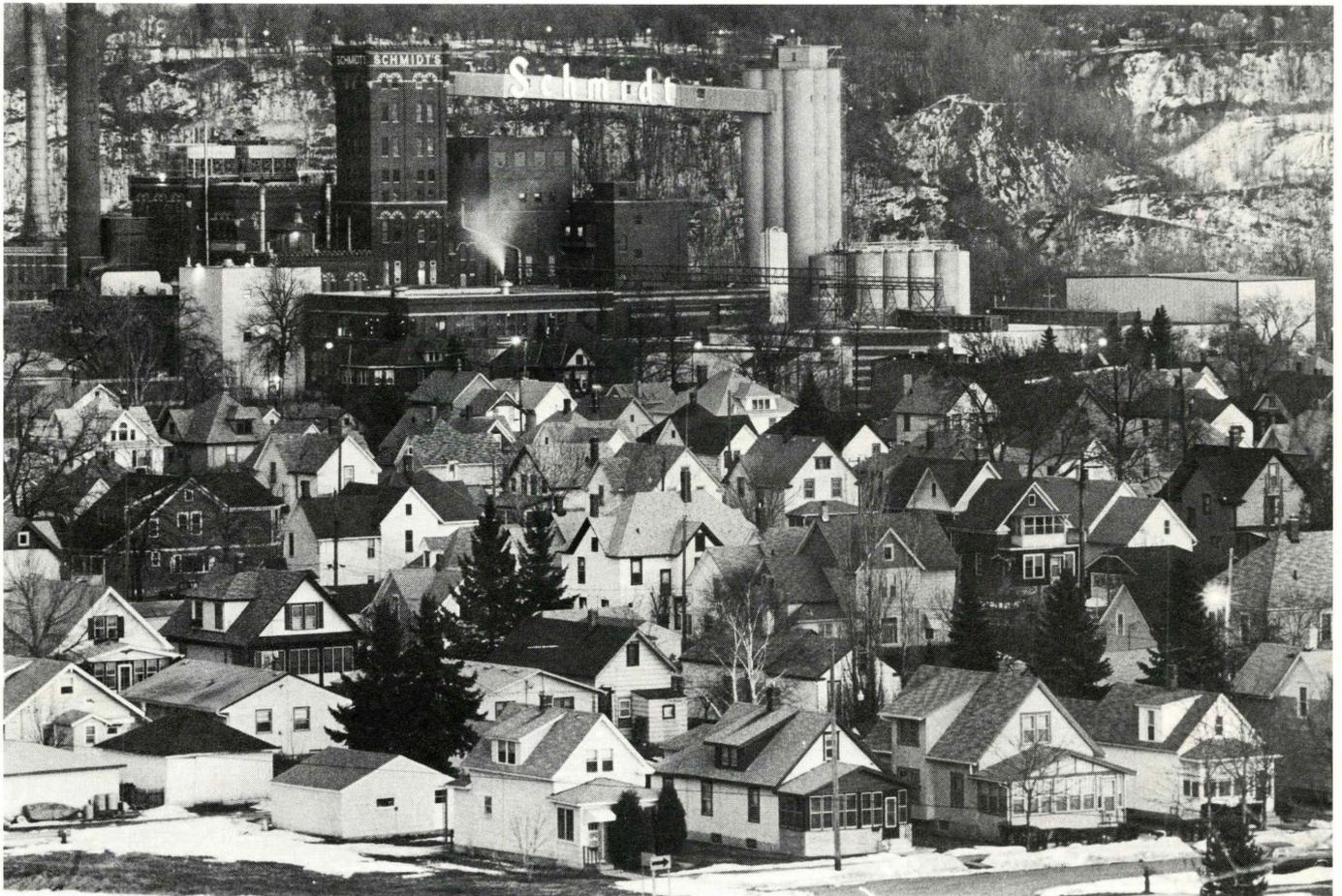
Up three narrow flights in a Fitzgeraldian brownstone



Winding up three floors, the stairway (top left) was entirely rebuilt, with handsome oak balustrade milled to match the original. Restored dining room (opposite) and parlor (bottom) are imbued with Victorian furnishings and artifacts like the stained-glass window (top right) from the Norman Kittson home, torn down in 1915 to make room for the cathedral.

Literary Landmarks

By Patricia Hampl



Photos: George Heinrich

THE PLACE I considered my own, the one I went to for several years to write, to sit, to *be* a poet, was a park bench in St. Clair Park, not far from our house in St. Paul.

... St. Clair Park was (and still is) set on a bluff of the city, the back yards of the Crocus Hill houses and mansions—I called anything with more than three bedrooms a mansion—rising even higher behind it, and the lowland that fell sharply below the park lying beyond, with its broad plain of working-class houses. From the height of the park I looked down on my grandmother's neighborhood. It had also been my own neighborhood—I was born "down there," baptized at St. Stanislaus, the Czech church. My father still worked there; his greenhouse was only two blocks from where I'd been born, in a house owned by an old Czech couple, our landlords, who hunted mushrooms with Moravian cunning and passion...

From the St. Clair hill I looked down on the West Seventh neighborhood, the

name of the area taken from its main street. My park bench was situated so that I saw not only the unremarkable houses of the old neighborhood, but



When author Patricia Hampl grew up, certain places said St. Paul. They still do



the Schmidt Brewery sign, mounted above the nineteenth-century brick factory, that spelled over and over, like an eternal one-word spelling bee, the name S-C-H-M-I-D-T in neon-red chancel-style letters...

I liked everything about the sign—the way it was hoisted above the brew-

ery which itself seemed to have been converted from a medieval monastery and whose dull orange brick made an appropriate mounting for the sign. I approved too of the style of the letters: the faint overtones of a typeface not so different from the one in Gutenberg's Bible suited my literary taste: I was crazy to be literary. The red neon itself was a red both warm with homeliness and slightly hellish. This satanic quality was emphasized by the thick billows of steam that rose from the underworld of the fake-medieval brewery to the fiery crown of the inferno—the sign spelling out in its diadem its bit of intelligence in unbroken meter.

This meter was not tedious; it did not just beat on and on. It had a snap, it lived:

S-C-H-M-I-D-T (letter by letter)
pause
SCHMIDT (one great choral voice)
longer pause
S-C-H-M-I-D-T
and so, on and on.

MY GRANDMOTHER, when she first came to St. Paul, got a job on the hill. To work "on the hill" was St. Paul lingo, meaning you were a maid or some kind of domestic help in one of the mansions along Summit Avenue or in the Crocus Hill area nearby. The hill was not just a geographical area; it was a designation of caste. It was also really a hill because St. Paul, like all romantic cities, draws its quality of personality, of identity, from its geography. Its topography mirrors its economy, its history, its image of itself.

There is a feeling of inevitability about the terraced, hierarchical topography of the place, as if St. Paul was bound to be a Catholic city, an "old city" as Minneapolis is not, as if F. Scott Fitzgerald, born here, was predestined by this working replica of capitalism—the wealthy above, the poor below—to be obsessed by the rich . . .

In St. Paul, the metaphoric significance of the hill was further emphasized by the fact that the grandest of the mansions on Summit Avenue, the one with a view only rivaled by the cathedral across the street, had been built by the city's chief resident, whose name was Hill: James J. Hill, the Empire Builder. Which is exactly how he was invoked in my family: the name, followed by the title. He had connected east and west with his railroad, the Great Northern; he had made St. Paul a railroad town, shifting its first allegiance, as a river town, away from the Mississippi so that even today the city turns its back on the river, as if it weren't the Father of Waters but a wet inconvenience . . .

Hill was probably a man better memorialized in architecture, not literature, in any case. What a piece of granite that face is in the formal photographs one sees now and again in St. Paul, and in the dark bust at the entrance of the James J. Hill Reference Library—his gift—downtown. The eyes are those of a just slightly toned-down Gurdjieff. The Empire Builder: naturally, architecture was his art form.

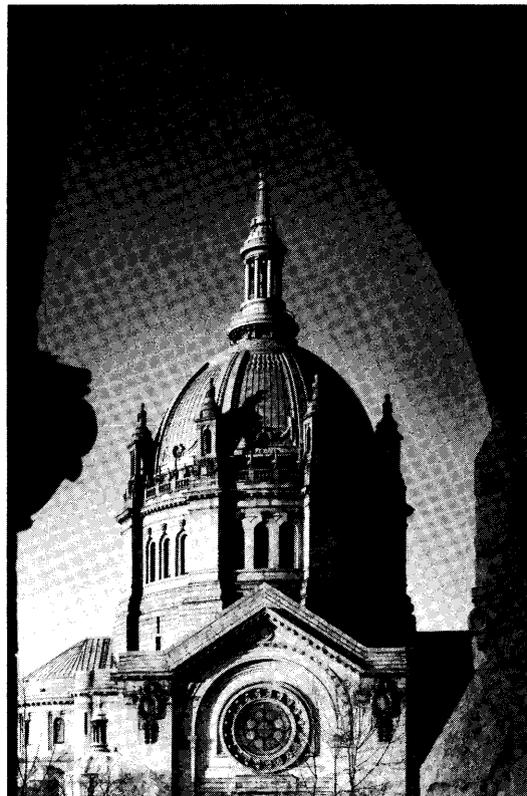
His mansion is kitty-corner from the cathedral, as if Fitzgerald was right: he and God were squaring off. The Hill house is a fortress, very dark, of rude dimension, with a black iron fence and a stone gatekeeper's lodge near the

street. Inside, he had an art gallery, a pipe organ, and, to my surprise when I visited there in college when the building was used by the archdiocese for offices, a tiny cave of a study on the main floor, practically a secret room, it seemed to me.

There was nothing disappointing about the mansion of James J. Hill. It knew what it was: money, the bubble of being on top, being not only on the hill but the Hill itself, wrapped around by mortar and stone, endlessly hidden. That small, hidden room—where decisions were made, I thought solemnly as I stood there with somebody pointing out the wood carving—was the moist kernel, the serious business, from which the rest of the outlandish tree had grown. It was devious and dark, and I loved it.

THE ST. PAUL CATHEDRAL—that is God—has a better piece of real estate than the Empire Builder. It is poised on the crest of Summit Avenue, in a perfect angle to see and be seen. Archbishop John J. Ireland, a man with a country for a name, had seen to God's supremacy. The cathedral, modeled on St. Peter's (and my mother told me early that St. Paul "like Rome" is built on seven hills), was erected as a monument of faith on the part of immigrants, mainly Irish, but all the nationalities were represented. Almost all. In the circlet of chapels running behind the main altar and dome, there are altars commemorating the patron saints of various groups including "the Slavic peoples." The one intended for the Scandinavians was eventually dedicated to St. Thérèse of Lisieux because the Scandinavians turned out to be Lutherans. The first church in St. Paul had been dedicated by the missionary Lucien Galtier in 1841. "I blessed the new basilica," he wrote of the old church which no longer stands and which was not a basilica, "and dedicated it to St. Paul, the apostle of nations." It was given to the immigrants in advance . . .

Our cathedral had its lore and legends, as the medieval cathedrals of Europe had their gargoyles: images in which the whole of life—not just the spiritual, not just the good, but the base as well—could be contained. My favorite story from the building of the cathedral: one day the masons were bricking up a part of a wall. It was summer, hot, parched. It was midafternoon, the worst time of thirst. They decided to send for a pail of beer (to the Schmidt Brewery? I don't know, I don't expect things to be that neat). They sat, high above the city on their scaffolding, drinking cold beer from the pail. At which point Archbishop Ireland happened to come across the street—they could see him coming in



the distance—to check, as he often did in an idle moment, on the progress of the cathedral. The masons, drinking beer on the job, got instantly to work: they grabbed the pail of beer, wedged it into the unfinished wall and slapped brick and mortar as fast as they could. "And so," my father said, "there's a pail of beer bricked into that church to this day." Religion and the spirit of beer, Apollo and Dionysus, saints and gargoyles, empire builders and bishops, our endless story of opposites.

Even today now that the cathedral *is* finished, my parents do not talk of it that way. It remains unfinished and they see its maintenance as part of its eternal emergence, not as a janitorial matter. They grew up with it high above them, visibly incomplete. They knew that the Depression or the War caused the abandonment of this chapel or that statue. And a window envisioned but not executed is still a window, a window, for them, unfinished and therefore eternal.

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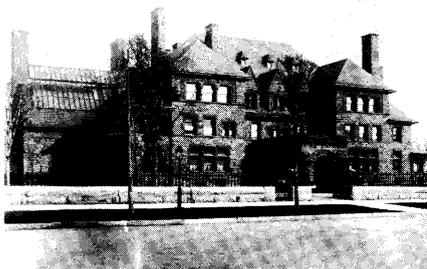


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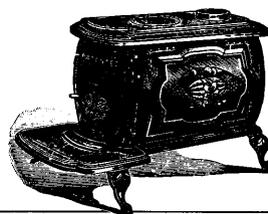


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Mining the lodes of yesteryear's trade catalogs



By Alan Lathrop

Trade literature—the catalogs, pamphlets, and booklets that manufacturers of almost every kind of product publish to advertise and describe their goods—is created for the present, hardly intended to be saved beyond a limited period of usefulness. But it is probably most entertaining—and informative—when the products shown have become obsolete or old-fashioned. Catalogs of automobiles, for example, will have more interest after they are a decade or two old than they do when they are crisp and new. Brochures advertising household appliances, furniture, farm machinery, clothing, or building components are much more interesting after the products have gone out of style.

When such material is saved, usually by archives and libraries, it can be extremely valuable for historians and others. Unfortunately, its value in documenting the advance of American technology has never been fully ap-

preciated. Many researchers totally overlook this magnificent source of information in their quest for data about equipment and furnishings of buildings of the past. The richness of the documentation it contains on the development of American inventiveness and ingenuity is virtually unsurpassed by any other source.

Partly in response to calls for information that can be found only in this unique material and partly to provide a source for future scholars to utilize, the Northwest Architectural Archives has begun building a collection of catalogs and other product literature. In 1977, the archives acquired a collection of almost 1,000 items dating mainly from the 1920s and 1930s. This collection was greatly enlarged in 1983 when some 3,000 more were added, the bulk of them published between 1890 and 1920. Another 1,500 pieces of trade literature from the 1940s and 1950s was also added that same year. Almost all

of them are in remarkably excellent condition.

The literature represents companies located literally from coast to coast. Many are, as might be expected, from industrial plants on the Eastern seaboard and in the Midwest, in cities such as Boston, Hartford, New York, Philadelphia, Cleveland, Pittsburgh, Detroit, and Chicago. A few are from California firms, in San Francisco and Los Angeles, with a scattering from the Rocky Mountain states. There are a number, too, from Wisconsin (Milwaukee being predominant) and Minnesota, including the Twin Cities and Duluth.

What is striking about the material is not only the diversity of the products and industries to be found in them, but the fine quality of the printing, the illustrations, and the careful attention given to their layout and production. Only a few are printed on poor quality paper, or show signs of being inexpensively printed and assembled. This accounts for their magnificent state of preservation.

The older catalogs often contain illustrations of the factories where the products were manufactured. Progress and activity is portrayed by smoke billowing from chimneys and numerous trains or other types of vehicles shunting or bustling about the factories. This type of illustration largely disappears from later catalogs.

Such illustrations might be of great interest to historians and preservationists who may be searching for information about industrial buildings, many of which have probably long since vanished from the landscape. Also included in the older catalogs are pictures of the home office buildings of the companies and, not infrequently, branch offices.

The quality of the illustrations in the trade literature, even the oldest ones, is uniformly superb. They are almost always well executed drawings and engravings in the earliest catalogs, and high quality photographs in the later ones. Many of the turn-of-the-century catalogs feature color printing on their covers, with black and white illustrations inside. Newer literature, of course, is almost exclusively printed in color.

The illustrations depict various models of the products with which the literature is concerned, and, on occasion, diagrams of how the machinery or products worked. Some have parts lists with photographs of the parts, clearly labelled so that dealers and customers could order exactly the right

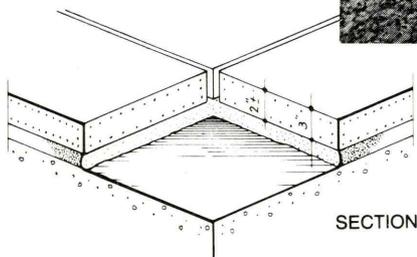
Granite.

A step up to beauty. A step up to wearability.

Forever-lasting beauty that requires no maintenance, adds a stepping stone to prestige, elegance. Choose from twenty colors, endless shapes and patterns, and all the expert help we can give you. Consider the character of mixing more than one color or pattern in an application.

For more information, and a packet of full color literature illustrating Cold Spring Granite products in use, call toll free **800-328-7038**. In Minnesota call (612) 685-3621, or write to the address below.

I.D.S. Center, Minneapolis, MN
Architect: Philip Johnson &
John Burgee, New York, N.Y.



Cold Spring Granite Company, Dept. AM - 9

202 South 3rd Avenue, Cold Spring, MN 56320



part. Thus, the nomenclature for all the parts of certain products can readily be found in these catalogs.

An extremely wide range of products is represented in the material, much of it centered around the building arts. These include linoleum, plumbing and heating fixtures of all kinds, structural steel, millwork, lighting systems (both gas and electric), construction machinery, greenhouses, metal ceilings, office furniture, stoves and ranges, prefabricated buildings of different types, doors, windows, household appliances, and bank vaults.

Many of the company names would be familiar to most consumers today: Alcoa, Armstrong Cork Company, Crane, General Electric, Johns-Manville, Kewanee, Kohler, Lennox, Link-Belt, Pittsburgh Plate Glass, Pratt & Whitney, Shaw-Walker, Westinghouse. But others may not evoke so much as a nostalgic sigh, being long forgotten: Ar-Ke-Tex Tile, Artistic Metal Ceiling Company, Cincinnati Fly Screen Co., Coffin Valve Co., the "Heatencook" Stove Co., Incandescent Light and Stove Co., Kansas City Radiator Co., Never-Split Toilet Seat Co., White Door Bed Co., Wonder Window Co. In some cases, there are catalogs from the same company issued thirty years apart, featuring totally different kinds of products. It is then interesting to note how the marketing thrust of these companies changed through the years with the changes in their products.

Manufacturers are never bashful about including testimonials in their trade literature. These range from anonymous one-line statements from satisfied customers to reproductions of letters written to the manufacturer—sometimes at their request! In the older catalogs one can find testimonials illustrated with photographs of buildings in which the manufacturer's product was installed and operating. Most of these are in heating and boiler catalogs. Often they are dated and, more importantly, perhaps, the architects' names are given. Some of the buildings pictured were located in the Twin Cities, and an effort has been made by the archives to note which catalogs contain these illustrations.

The trade literature collection at the Northwest Architectural Archives presents a remarkable panorama of the progress of American technology from the 1880s to 1960. It is also a resource that anyone with an interest in the history of technology or the building arts or architecture should not overlook. The archives is adding to the collection and invites gifts of older trade catalogs or product literature.

AM

Alan Lathrop is curator of the Northwest Architectural Archives.



TIMELY®

PREFINISHED STEEL DOOR FRAMES

VERSATILITY

Versatility is built into this system by providing doorframes to accommodate the most often used wall sizes. The Timely total opening system is the economical, attractive and practical choice for single and multiple unit housing, hotels, motels, office buildings and institutional buildings.

DURABILITY

Timely prefinished door frames are constructed of either 18 or 20 gauge cold rolled steel to insure superior strength and impact resistance. Unlike traditional wood frames, Timely frames gain strength at the corners. Patented corner pieces hold casings in place for perfect miters every time. Frames feature a 14 gauge reinforcing plate for added hinge support. Galvanized frames are also available upon request.

Timely frames are solidly anchored every 11 inches, and attachment is made directly into wood or metal studs. This method provides a level of structural integrity unmatched by conventional wooden or free-standing hollow metal door frames. The installed Timely frame becomes an integral, maintenance-free part of the wall structure.

Frame strength and precision fit are essential elements in providing a secured entry system. By combining a Timely frame with a solid core door and dead bolt, the toughest entry level security requirements are met. Frames and doors are easily prepared to use with special locks and most other security devices.

ECONOMY

By utilizing Timely prefinished steel frames and premachined doors, the need for costly jobsite labor is virtually eliminated. It is no longer necessary for skilled tradesmen to bevel door edges, bore for locks, dap-out hinges, etc. Painting costs are greatly reduced as Timely frames can be installed after painting, thus eliminating time-consuming trimming and cutting-in.

Timely frames are shipped KD in cartons for easy handling, lower freight costs and better jobsite distribution. Timely prefinished frames are competitively priced with ordinary wood or hollow metal frames. Substantial savings are realized as the use of prefinished doors and frames eliminates the need for expensive door and frame painting.

COLOR!

Frames are painted with a high quality enamel that is baked on for a hard and durable finish. Standard colors are Navajo White, Browntone, Autumn Brown and Black with Gold or Silver Metalium trim available. Please consult our offices for custom colors and finishes.

Distributed by

TRIMPAC INC

Millwork and Hardware Specialists

535 Lincoln Avenue Southeast, St. Cloud, MN
612/252-6968

PAPER ARCHITECTURE

MSAIA in conjunction with the Minnesota Museum of Art proudly present the 3rd Annual Paper Architecture Awards Program to recognize significant ideas concerning the built environment. This competition is intended to provide MSAIA members a forum for architectural thought and discussion. Submissions are broken down into categories of Renderings, Ideas and Works in Progress, and Urban Design and Research.

ELIGIBILITY: All members of MSAIA

THE JURY: The Honor Awards Committee of MSAIA will select three Jurors from the membership and museum. The names of these jurors will be announced at a future date.

AWARDS: The jury will select projects based on merit and suitability for recognition. Winning entries will be announced on Wednesday, April 18 at a joint Minneapolis/St. Paul Chapter meeting. In addition, selected projects will be published in AM with jury comments, and will be on display at the Minnesota Museum of Art at a later date.

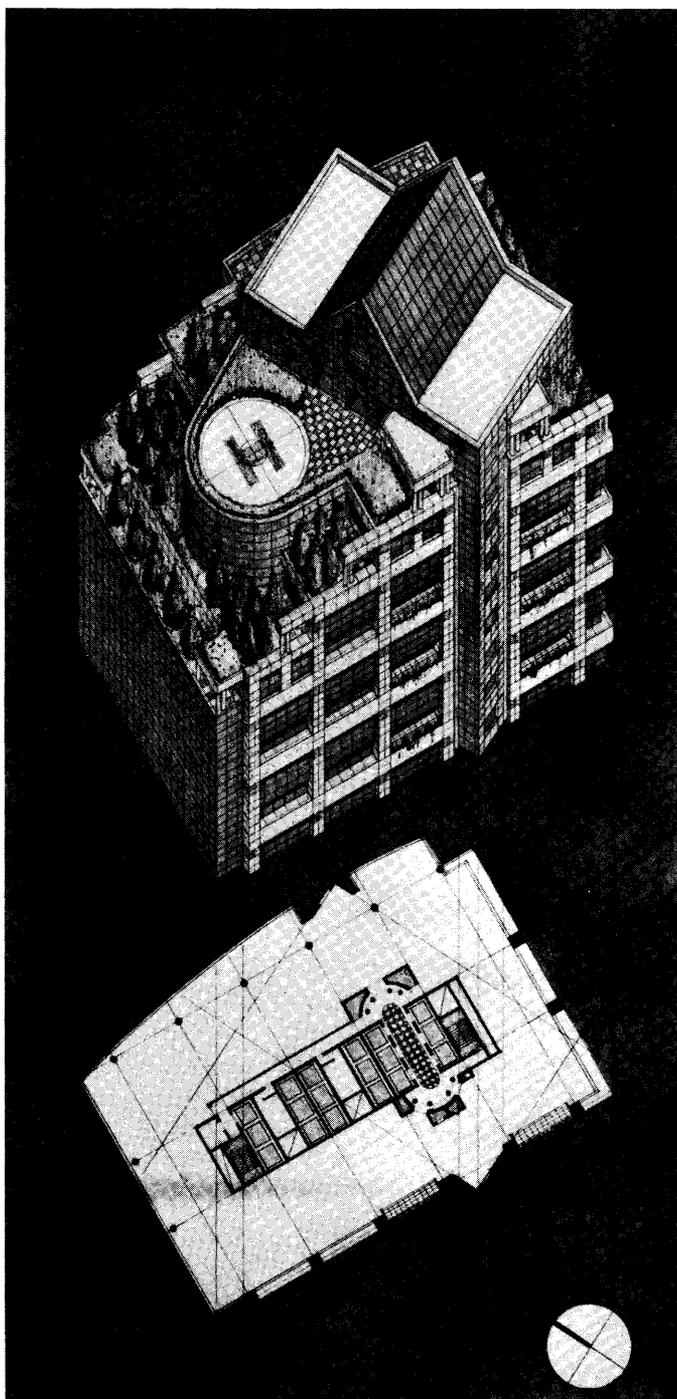
SUBMISSION REQUIREMENTS: All submissions must be mounted on one side of a 20" x 20" foam core board. No models will be accepted. There is no limit to the number of submissions per individual, the number of boards per submission, or the number of illustrations per board. All submissions become property of the MSAIA for a period of one year. Each submission must be accompanied by the entry form found on this page.

Insert the entry form together with the entry fee into an unmarked and unsealed envelope attached to the back of one of the boards of each submission. Multiple board submissions should be numbered consecutively on the back—1 of 2, 2 of 2, etc.

No identification of the entrant may appear on any part of the submission except for the entry form.

ENTRY FEE: \$20 per project submission with no restriction on the number of boards.

DEADLINE FOR SUBMISSION: Friday, April 13, 1984, 4:00 p.m. at the MSAIA Headquarters.



1983 Entry by Richard Vunkler

1984 Competition

ENTRY FORM

PROJECT NAME: _____
DESIGNER: _____
ADDRESS: _____
CITY: _____ STATE: _____ ZIP: _____

Please check the category(ies) your project(s) will be in:

_____ Renderings _____ Ideas and Works in Progress _____ Urban Design and Research

Return to: Minnesota Society American Institute of Architects, 314 Clifton Avenue, Minneapolis, MN 55403

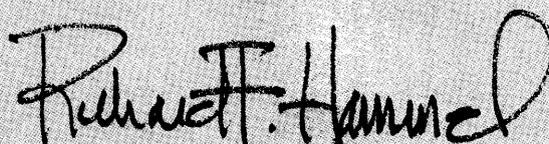
3rd Annual
Paper Architecture Awards Program

We will submit _____ entry(ies) in the Paper Architecture Awards Program. Enclosed is a check for \$_____ covering the \$20 registration fee on each submission.

MINNESOTA SOCIETY
AMERICAN INSTITUTE OF ARCHITECTS

Firm Directory

I invite you to study the directory of firms on the following pages and become acquainted with my esteemed professional colleagues. They are members of the Minnesota Society American Institute of Architects, the organization created to provide architects with continuing education, with 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 services relate to projects both large and small and can assist you in planning and designing those facilities which meet your specific needs. If you have any questions related to architectural service, Beverly Hauschild or Peter Rand, AIA, our Executive Directors, will be pleased to be of help.



*Richard F. Hammel, FAIA, President
Minnesota Society
American Institute of Architects*

Legend

AHA	American Hospital Association
AHP	American Hospital Planners
AIA	American Institute of Architects
AICP	American Institute of Certified Planners
ASID	American Society of Interior Designers
ASLA	American Society of Landscape Architects
CSI	Construction Specifiers Institute
FAIA	Fellow of the AIA
IBD	Institute of Business Directors
IES	Illuminating Engineers Society
PE	Professional Engineer
RAIC	Royal Architectural Institute of Canada

ACKERBERG AND ASSOCIATES, INC.

4201 Excelsior Blvd.
Minneapolis, MN 55416
612/920-9020
Established 1955

S. M. Ackerberg AIA
D. P. Watschke

Firm Personnel by Discipline	
Architectural	4
Other Technical	2
Administrative	3
Total in Firm	9

Work %	
Housing	10
Office Bldg./Banks	40
Retail/Commercial	10
Industrial	10
Medical	15
Restoration/Renovation	5
Municipal Bldgs.	5
Interior Architecture	5

Minikahda Business Center, Minneapolis, MN; Norwest Bank, Red Wing and Granite Falls, MN; Granite Falls Municipal Hospital, Granite Falls, MN; Minnetonka Woods Townhouses, MN; Fingerhut Corporate Hqtrs., Minnetonka, MN.

ALPHA ARCHITECTS, INC.

3585 N. Lexington Avenue
Arden Hills, MN 55112
612/483-3131
Established 1980

Gunnar F. Unger, Jr. AIA

Firm Personnel by Discipline	
Architectural	1
Administration	1
Total in Firm	2

Work %	
Housing	25
Retail/Commercial	5
Medical	60
Churches	10
Solar/Earth Sheltered	20

New Testament Church, Alexandria, MN; Sun Terrace Passive Solar Townhomes, Staples, MN; West Bldg. Alterations, St. Paul Ramsey Medical Center; Lakeside Nursing Home Alterations, Dassel, MN; Northoaks Passive Solar Townhomes, Detroit Lakes, MN; Alexandria Christian Church, Alexandria, MN.

ANDERSON DALE ARCHITECTS, INC.

2675 University Avenue
St. Paul, Minnesota 55114
612/642-4650
Established 1982

Wm. E. Anderson AIA
Kurtis A. Dale AIA
Ted Davis AIA

Firm Personnel by Discipline	
Architectural	6
Interior	1
Administrative	2
Total in Firm	9

Work %	
Housing	5
Office Bldgs.	40
Interior Architecture	30
Industrial	5
Retail/Commercial	10
Restoration/Preservation	5
Solar/Earth Sheltered	5

Pan American Hotel, Miami Beach, FL; H. B. Fuller Company Willow Lake Laboratory, Vadnais Heights, MN; Minnegasco Corporate Headquarters Remodeling, Minneapolis, MN; Bush Foundation, St. Paul, MN; Hubbard Broadcasting Company, St. Paul, MN; United States Satellite Broadcasting Company, St. Paul, MN.

ANKENY, KELL AND ASSOCIATES, ARCHITECTS

821 Raymond Avenue, Suite 400
St. Paul, MN 55114
612/645-6806
Established 1976

Ronald W. Ankeny AIA
Duane A. Kell AIA

Firm Personnel by Discipline	
Architectural	6
Administrative	1
Total in Firm	7

Work %	
Housing	20
Office Bldgs.	40
Retail/Commercial	40

Baker Court, St. Paul, MN; Victoria Crossing East, St. Paul, MN; Army Aviation Support Facility, St. Paul, MN; Zumbro Market, Rochester, MN; Old City Hall Elderly Housing, Waconia, MN; Northern Hydraulics, Burnsville, MN.

ARCHITECTS EN CHARRETTE

2115 Kenwood Parkway
Minneapolis, MN 55405
612/374-4061
Established 1982

Dawn Varda AIA

Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

Work %	
Housing	50
Office Bldgs./Banks	15
Retail/Commercial	10
Interiors	25

Nessa Condominiums, Minneapolis, MN; 2309-2315 Irving Condominiums, Minneapolis, MN; Ojakangas Residence, Duluth, MN; Heuschele Residence, Bloomington, MN; Grobe Residence Interiors, Edina, MN; Apartment Guide Skyway Offices, Minneapolis, MN.

ARCHITECTS IV

25 North 12th Avenue East
Duluth, MN 55805
218/728-5124
Established 1957

Sanford Porter AIA
Leon Simich AIA
Jack Jyring AIA

Firm Personnel by Discipline	
Architectural	5
Administrative	2
Total in Firm	7

Work %	
Office Bldgs./Banks	10
Medical	30
Restoration	20
Municipal	20
Interior	5
Solar/Earth Sheltered	5
Education	20

Proctor High School, MN; Bayview Heights Elementary School, Duluth, MN; Ashland Middle School, WI; Addition to Duluth YMCA, MN; Renovations Aurora Schools, MN; Renovations Bemidji State University, MN.

ARCHITECTURAL ALLIANCE

400 Clifton Avenue South
Minneapolis, MN 55403
612/871-5703
Mpls./St. Paul Int'l Airport
St. Paul, MN 55111
612/726-9012
6225 North 24th St.
Phoenix, AZ 85016
602/951-6331
Established 1970

John W. Lackens FAIA
Herbert A. Ketcham FAIA
Carl J. Remick AIA

Firm Personnel by Discipline	
Architectural	23
Interior	2
Administrative	5
Total in Firm	30

Work %	
Office Bldgs./Banks	40
Retail	10
Industrial	2
Educational	10
Medical	2
Interior	10
Solar/Earth Sheltered	5
Housing	10
Municipal	5
Restoration	4
Churches	2

Prudential North Central Plymouth Operations, Plymouth, MN; Prudential North Central Home office, Minneapolis, MN; Land O'Lakes Corporate Office, Arden Hills, MN; Medtronic Rice Creek Facility, Fridley, MN; Minneapolis/St. Paul International Airport Facility, St. Paul, MN; University of Minnesota Vocational/Technical Facility, St. Paul, MN.

ARCHITECTURAL DESIGN GROUP, INC.

300 Third Avenue S.E., Suite 405
Rochester, MN 55901
507/288-8100
Established 1918

Willis E. Schellberg	AIA
Byron Stadsvold	AIA
Steven Sorensen	AIA

Firm Personnel by Discipline	
Architectural	6
Interior	1
Other Technical	3
Administrative	2
Total in Firm	12

	Work %
Housing	10
Office Bldgs./Banks	10
Retail	2
Industrial	5
Medical	15
Churches	12
Restoration	10
Municipal	15
Interior	5
Solar/Earth Sheltered	7
Educational/Academic	9

Queen of Peace Hospital Addition, New Prague, MN; Addition to Recreation Center, Rochester, MN; Our Savior's Lutheran Church, Rochester, MN; First National Bank, Prior Lake, MN; Holiday Inn Renovation, Rochester, MN; Westwood Housing, Rochester, MN.

ARCHITECTURE ONE, PROFESSIONAL ASSOC.

8 First Federal Center
Brainerd, MN 56401
218/829-0525
Established 1978

Roy L. Abbott	AIA
Jeffrey W. Behr	AIA
Robert A. Ogdahl	AIA

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

	Work %
Housing	10
Office Bldgs./Banks	5
Retail/Commercial	5
Industrial	10
Medical	50
Churches	5
Restoration	5
Municipal	5
Interiors	5

Addition to St. Joseph's Medical Center, Brainerd, MN; Brainerd Medical Center, MN; USPFO Warehouse/Office, Camp Ripley, MN; Brainerd Public Library, MN; Morrison County Courthouse Restoration, Little Falls, MN; South Brainerd Professional Building, Brainerd, MN.

ARCHITECTURAL RESOURCES, INC.

704 East Howard Street
Hibbing, MN 55764
218/263-6868
Established 1972

E. A. Jyring	FAIA
W. H. Moser	AIA
Parnell Satre	PE
Lyle Peters	AIA
Kent Worley	ASLA

Firm Personnel by Discipline	
Architectural	13
Engineering	5
Landscape	3
Planners	1
Administrative	4
Total in Firm	26

	Work %
Housing	30
Office Bldgs./Banks	10
Medical	20
Churches	10
Municipal	10
Education	20

Itasca County Family YMCA, Grand Rapids, MN; Life Enrichment for the Elderly Housing, Hibbing, MN; UMD Business and Economics Building, Duluth, MN; Elks Lodge, Hibbing, MN; Hospital and Health Facility Housing, Red Lake, MN; Iron Range Law Enforcement Training Center, Virginia, MN.

ARMSTRONG, TORSETH, SKOLD & RYDEEN, INC.

4901 Olson Memorial Hwy.
Minneapolis, MN 55422
612/545-3731
Established 1944

Kenneth L. Skold	AIA
John C. Torseth	AIA
James E. Rydeen	AIA
Kenneth E. Grabow	AIA
LeRoy H. Palmquist	AIA
Harold E. Shull	PE
Donald L. Yungner	PE

Firm Personnel by Discipline	
Architectural	28
Engineering	9
Interior Designers	1
Other Technical	2
Administrative	4
Total in Firm	44

	Work %
Medical	15
Federal Projects	20
Office Buildings	10
Industrial	5
Educational	30
Interior Design	5
Municipal Buildings	5
Churches	10

Wirth Office Park, Golden Valley, MN; CPT Headquarters and Manufacturing Plant, Eden Prairie, MN; Calvary Lutheran Church, Golden Valley, MN; Chapel View Congregate Housing, Hopkins, MN; Evaluation of BIA Schools, US Dept of Interior; Shelard Co. Tennant Services, Various Locations.

ASSOCIATED ARCHITECTS AND ENGINEERS

241 S. Cleveland
St. Paul, MN 55105
612/698-0808
Established 1958

Charles D. Liddy, Jr.	AIA
Grant Peterson	

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

	Work %
Office Buildings	20
Retail	5
Industrial	5
Solar/Earth Sheltered	5
Municipal	5
Interiors	5
Housing	40
Restoration/Renovation	5
Medical/Health Care	10

St. Peter's Church Restoration, Mankato, MN; III Imperial Drive Condominium, West St. Paul, MN; Fairview Hospital Surgery Renovations, Mpls., MN; Glen Terrace Condominium, St. Paul, MN; McHugh/Newcomer Residence, Minneapolis, MN; Lawson Residence, Arden Hills, MN.

BAKER ASSOCIATES, INC.

301 Chamber of Commerce Bldg.
15 South 5th Street
Minneapolis, MN 55402
612/339-8601
Established 1959

Edward F. Baker	AIA
Brian R. Morgan	AIA

Firm Personnel by Discipline	
Architectural	8
Administrative	3
Total in firm	11

	Work %
Housing	2
Office Buildings/Banks	90
Retail/Commercial	8

MEPC-Parkdale Plaza, St. Louis Park, MN; Northland Exec. Ofc. Center, Bloomington, MN; Wayzata Bank & Trust, Wayzata, MN; TCF-Tower Addition, Minneapolis, MN; Metro Place, Edina, MN; Paramount Plaza, Bloomington, MN.

FREDERICK BENTZ/MILO THOMPSON/ROBERT RIETOW, INC.

1234 Dain Tower
Minneapolis, MN 55402
612/332-1234
Established 1971

Frederick Bentz	FAIA
Milo H. Thompson	FAIA
Robert G. Rietow	AIA

Firm Personnel by Discipline	
Architectural	14
Interior Designer	1
Administrative	1
Total in Firm	16

	Work %
Housing	10
Office Buildings	20
Retail/Commercial	34
Churches/Worship	5
Restoration/Preservation	10
Planning	5
Hotels	26

Greenway Gables, Mpls., MN; St. Olaf Catholic Church Addition, Mpls.; Minneapolis Community College Physical Education Facility & Skyway; 1221 Nicollet Office Bldg., Minneapolis, MN; Granada Royale Hometel, St. Paul, MN; Northwestern Nat'l Bank Interiors, Rochester, MN.

A. J. BERREAU AND ASSOCIATES, INC.

1220 Glenwood Ave.
Minneapolis, MN 55405
612/377-8314
Established 1970

Alfred J. Berreau AIA

Firm Personnel by Discipline
Total in Firm 4

	Work %
Office Bldgs./Banks	3
Industrial	90
Restoration/Preservation	2
Municipal Buildings	5

Eastern Distribution & Spreads Plant, Kent, OH; Kroger Cheese Plant, Crawfordsville, IN; Land O'Lakes Beef Plant, Oakland, IA.

BLUMENTALS/ARCHITECTURE INC.

6100 Summit Dr. N.
Brooklyn Center, MN 55430
612/571-5550
Established 1976

Janis Blumentals AIA
Susan Blumentals AIA

Firm Personnel by Discipline
Architectural 9
Total in Firm 9

	Work %
Housing	60
Industrial	10
Restoration/Preservation	10
Other—Motels	20

Scotwood & Thrifty Scot Motels; Park Pointe, St. Louis Park, MN; Powell Air Force Housing, Powell, WY; Arden Hills Industrial Bldg., St. Paul, MN; Brookwood Manor Estates & Townhomes, Brooklyn Center, MN.

BOARMAN ARCHITECTS, INC.

710 Chamber of Commerce Bldg.
15 South 5th Street
Minneapolis, MN 55402
612/339-3752
Established 1978

Jack Boarman AIA

Firm Personnel by Discipline
Architectural 5
Other Technical 3
Administrative 1
Total in Firm 9

	Work %
Housing	20
Office Bldgs./Banks	30
Retail/Commercial	10
Restoration/Preservation	10
Municipal Buildings	20
Interiors	10

Dain Corporation/Stanam Building Renovation; National City Bank—Ridgedale and Southdale; Sheraton Ritz—Pyramid Pool/Restaurant Addition; Minnehaha Square Condominiums and Townhouses; Eagan Municipal Center; Iowa State Savings Bank, Clinton, IA.

RANDALL BRADLEY DESIGN

1229 N. Thomas Avenue
Minneapolis, MN 55411
612/529-0146
Established 1981

Randall Bradley AIA

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

	Work %
Housing	10
Office	20
Retail	45
Interior Architecture	15
Education	10

The Kit Connection: Rosedale, Duluth, & Victoria Crossing; Sabathani Community Center Remodeling; Adams Residence Remodeling; KMOJ Radio Studio Facilities, Mpls., MN; Cosmic Clown Ice Cream Parlour, Mpls., MN.

BRW ARCHITECTS

A Studio of Bennett-Ringrose-Wolsfeld-Jarvis-Gardner, Inc.
2829 University Avenue SE
Minneapolis, MN 55414
Branches in Denver, CO, Breckenridge, CO, Cheyenne, WY, and Phoenix, AZ.
Established 1956
(612) 379-7878

David J. Bennett FAIA
Donald W. Ringrose PE
Richard P. Wolsfeld PE, AICP
Peter E. Jarvis AICP
Lawrence J. Gardner PE
Thomas F. Carroll PE

Firm Personnel by Discipline
Architectural 17
Engineering 21
Landscape Architects 4
Planners 7
Interior Designers 3
Other technical 30
Administrative 19
Total in Firm 119

	Work %
Housing	20
Office Buildings	35
Retail	15
Industrial	5
Municipal Buildings	5
Solar/Earth Sheltered	5
Education/Academic Buildings	5

Holiday Circuits Manufacturing, Minnetonka; The Galleria, Edina; Civil/Mineral Engineering, (University of Minnesota); Amhoist Tower/Park Tower Condominiums, St. Paul, MN; Norwest Business Campus, Plymouth, MN; World Trade Center at Heritage Landing, Minneapolis, MN.

BUETOW & ASSOCIATES, INC.

2345 Rice Street, Suite 210
St. Paul, MN 55113
612/483-6701
Established 1920

Thomas W. Dunwell AIA
Farrell F. Johnson

Firm Personnel by Discipline
Architectural 3
Other Technical 1
Administrative 1
Total in Firm 5

	Work %
Housing	10
Office Buildings	10
Retail	20
Industrial	30
Medical/Health Care	10
Churches/Worship	10
Municipal Buildings	10
Interiors	10
Education/Academic Bldgs.	5
Solar/Earth Sheltered	10

3M Research & Development Facility, Menomonie, WI; U of M Centennial Hall Cafeteria Remodeling, Mpls., MN; Jennie-O Turkey Plant, Willmar, MN; Bennigan's Restaurant, Bloomington, WI; Oliver Presbyterian Church, Mpls., MN; Blaine Public Works Bldg., MN.

ROBERT DAVID BUROW ARCHITECTS, INC.

750 South Plaza Drive
Mendota Heights, MN 55120
612/454-8505
Established: 1977

Robert D. Burow AIA

Firm Personnel by Discipline
Architectural 3½
Interior Designers ½
Administrative 1
Total in Firm 5

	Work %
Housing	10
Office Buildings	20
Retail	10
Industrial	10
Medical	10
Churches/Worship	15
Restoration/Preservation	10
Interior Architecture	5
Solar/Earth Sheltered	5
Other (Clean Rooms)	5

St. Jude Medical, Little Canada, MN; Cardiac Pacemakers, Inc., Arden Hills; 1st State Bank of Spring Lake Park; Central Telephone, Lakeville, MN; Redeemer Lutheran Church, Burnsville, MN; Cedarvale Lanes, Eagan, MN; Ellenberg Vacation Home, Lake Owen, WI.

BWBR ARCHITECTS, INC.

400 Sibley Street
St. Paul, MN 55101
612/222-3701
Established 1951

Fritz C. Rohkohl AIA
Lloyd F. Berquist FAIA
Wilford F. Johnson AIA
Charles D. Wahlberg AIA
Jay Sleiter AIA

Firm Personnel by Discipline
Architectural 23
Engineering 2
Interior Designers 5
Other technical 2
Administrative 6
Total in Firm 38

	Work %
Housing	15
Office Buildings/Banks	45
Medical Facilities/Health Care	15
Churches	10
Municipal Buildings	5
Interior Architecture	10

Minnesota Mutual National Headquarters, St. Paul, MN; First Bank Duluth, Duluth, MN; Wooddale Baptist Church, Eden Prairie, MN; Cooperative Power Headquarters, Eden Prairie, MN; Blandin Foundation Headquarters, Grand Rapids, MN; Terra Chemical Headquarters, Sioux City, IA.

CARLSON MJORUD ARCHITECTURE LTD.

4915 West 35th Street
Minneapolis, MN 55416
612/922-6677
Established 1977

Bruce M. Carlson AIA
Al Mjorud AIA

Firm Personnel by Discipline	
Architectural	6
Other technical	4
Administrative	2
Total in Firm	12

	Work %
Housing	5
Office Buildings/Banks	20
Industrial	50
Churches	10
Interior Architecture	5
Education	10

Remodeling and Printing Department for Northwestern National Life Insurance Co., Mpls., MN. Addition & Remodeling for Sperry Corp., Clear Lake, IA; Addition to King of Grace Lutheran Church, Golden Valley, MN; Life Safety Project, Capitol Complex, St. Paul, MN; Roger Roy Offices, Champlin, MN; Computer Center for Sperry, Brooklyn Center, MN.

CARLSON AND WARNEKE, ARCHITECTURE AND ENGINEERING

300 Exchange Building
Winona, MN 55987
507/452-3361
Established 1983

James K. Carlson PE, AIA
Owen W. Warneke

Firm Personnel by Discipline	
Architectural	2
Other Technical	1
Administrative	1
Total in Firm	4

	Work %
Office Buildings	20
Retail	18
Industrial	40
Churches/Worship	10
Restoration/Preservation	2
Education/Academic	10

Watlow Winona, Inc., Winona, MN; Winona Knitting Mills Outlet Store, Winona, MN; Lewiston Community Center, MN; Mediawerks, Winona, MN; Church of Jesus Christ of Latter-Day Saints, Winona, MN; Thurley Homes, Winona, MN.

CAVIN AND ROVA ARCHITECTS

432 Landmark Center
St. Paul, MN 55102
612/224-2311
Established 1946

Brooks Cavin FAIA
John P. Rova

Firm Personnel by Discipline	
Architectural	2
Total in Firm	2

	Work %
Housing	10
Industrial	20
Medical/Health Care	5
Churches/Worship	5
Restoration/Preservation	60

Minneapolis Club Swimming Pool; Brown County Historical Museum; Trinity Lutheran Church Remodeling, Mpls., MN; Loading Dock, MN State Capitol, St. Paul, MN; W. L. Hall Co. Office & Warehouse, Eden Prairie, MN; Cathedral of Our Merciful Saviour, Faribault, MN.

CHEEVER & ASLESON, ARCHITECTS

300 Martin Building
Mankato, MN 56001
507/345-3577
Established 1984

Walter B. Cheever AIA, CSI
A. David Asleson

Firm Personnel by Discipline	
Architectural	2
Administrative	1/2
Total in Firm	2 1/2

	Work %
Housing	20
Office Buildings/Banks	40
Retail/Commercial	10
Education	30

CLOSE ASSOCIATES, INC.

3101 East Franklin Avenue
Minneapolis, MN 55406
612/339-0979
Established 1939

Elizabeth S. Close FAIA
Winston A. Close FAIA
W. Garman Hargens AIA

Firm Personnel by Discipline	
Architectural	6
Administrative	1
Total in Firm	7

	Work %
Housing	40
Retail	5
Medical	10
Municipal	5
Solar/Earth Sheltered	5
Education/Academic Buildings	25

Leonard, Street & Deinaud Offices, Mpls., MN; U. of MN School of Music and Music Library, Minneapolis, MN; Girl Scout Camp Lodge, Rockford, MN; Gray Freshwater Biological Institute, Graduate Student Housing, Orono, MN; Townhouse Development, Minneapolis, MN.

CHRISTOPHER COLBY ARCHITECTS

334 Apache Mall
Rochester, MN 55902
507/281-3355
Established 1983

Christopher W. Colby AIA

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

	Work %
Housing	15
Office Buildings/Banks	25
Retail/Commercial	25
Restoration/Preservation	25
Interior Architecture	10

State Bank of Byron, Byron, MN; Brackenridge Square Renovation, Rochester, MN; Aviary's Restaurant, Rochester, MN; Evergreen Gardens Nursery/Showroom, Rochester, MN; D. B. Dahlstran Retail Stores in Rose-dale, Southdale and Ridgedale; Woodhaven Townhomes, Rochester, MN.

JAMES M. COOPERMAN & ASSOCIATES ARCHITECTS, INC.

1005 Shelard Tower
Minneapolis, MN 55426
612/545-0409
Established 1962

James M. Cooperman AIA
Surenda Ahuja

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

	Work %
Housing	20
Office Buildings	40
Retail	20
Industrial	20

Shelard West Office Bldg. & Ramp. St. Louis Park; Ridge Square Center, Minnetonka, MN; Dupont Center Office Bldg., Bloomington, MN; Voronyak Office/Warehouse, Plymouth, MN. Edenvale Apartments, Eden Prairie, MN; The Point Motel, Houston, TX.

CORWIN SEPPENEN & ASSOC. INC.

2694 East 19th Avenue
North St. Paul, MN 55109
612/777-2766
Established 1952

Ralph D. Corwin AIA

Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Office Buildings	5
Education/Academic Buildings	95

East Bethel Community School, MN; St. Francis High School, MN.

COTLE ARCHITECTS, INC.

1885 University Avenue
St. Paul, MN 55104
612/645-4545
Established 1983

Richard E. Cottle AIA

Firm Personnel by Discipline	
Architectural	2
Total in Firm	2

	Work %
Housing	25
Restoration/Preservation	10
Retail Commercial	10
Industrial	5
Medical/Health Care	5
Education/Academic Buildings	50

Field House and Student Housing, Bethel College, Arden Hills, MN; University Club Renovation, St. Paul, MN.

D

CUNINGHAM ARCHITECTS

2116 Second Avenue South
Minneapolis, MN 55404
612/874-6580
Established 1969

John W. Cuninghame	AIA
John E. Hamilton	AIA
John E. Quiter	AIA

Firm Personnel by Discipline	
Architectural	6
Administrative	1
Total in Firm	7

	Work %
Office Buildings/Banks	20
Retail/Commercial	10
Interiors	10
Churches/Worship Facilities	20
Restoration/Preservation	40

Breck Chapel of the Holy Spirit, Golden Valley, MN; Itasca Building, Minneapolis; DNR, Region 7 Hdqrs., Grand Rapids, MN; Munsingwear Headquarters, Minneapolis, MN.

CURISKIS ARCHITECTS

4010 West 65th St., Suite 118
Minneapolis, MN 55435
(612) 927-9441
Established 1980

Juris Curiskis	AIA
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Firm Personnel by Discipline	
Architectural	1
Other Technical	1
Administrative	1
Total in Firm	3

Tangible Research & Development Co. Hdqtrs., Mpls. MN; Midland Management Corp., Edina, MN; Summit Investment, Edina, MN; Horn Residence, MI; Mayan Merchants, Minneapolis, MN; Balva Apartments, Minneapolis, MN.

DAMBERG, SCOTT, PECK & BOOKER, INC.

17 East First Street
Duluth, MN 55802
218/727-2626
3200 Lincoln Bldg.
Virginia, MN 55792
218/741-7962
Established 1968

John P. Damberg	AIA
John D. Peck	AIA
Darryl Booker	AIA
John Scott	

Firm Personnel by Discipline	
Architectural	10
Interior Designer	1
Planner	1
Administrative	2
Total in Firm	14

	Work %
Retail/Commercial	10
Interiors	10
Housing	10
Office Buildings/Banks	10
Industrial/Mfg.	5
Medical/Health Care	5
Churches/Worship	10
Restoration/Preservation	10
Municipal Buildings	10
Education/Academic	5
Planning	5
Solar/Earth Sheltered	10

Virginia Library Addition, Virginia, MN; Golf Course Clubhouse, Virginia, MN; Government Services Center, Duluth, MN; Iron Range Interpretative Center Amphitheater, Chisholm, MN; Superior Shores Condominiums, Two Harbors, MN; West End Business District Revitalization, Duluth, MN.

DEAN/DAVY ARCHITECTS

P.O. Box 30222
St. Paul, MN 55175
612/227-9957
Established 1980

James R. Dean	AIA
Joel Davy	AIA

Firm Personnel by Discipline	
Architectural	2
Total In Firm	2

	Work %
Housing	80
Office Bldg/Banks	10
Retail	10
Restoration/Preservation	35
Interior Architecture	10

Law Offices, Lamb, Schaefer, McNair, Larson, & Olson, Fargo, ND; The Lomsdahl House, Plymouth, MN; First Award Winner, Lafayette Square Design Competition, Condominiums, St. Louis, MO; Hunter's Ridge Townhouses, Minot, ND; Hayes Houses, Minnetonka, MN; Jetzer/Klett House, Shorewood, MN.

THE DESIGN PARTNERSHIP, LTD

124 North First St.
Minneapolis, MN 55401
612/338-8889
Established 1972

William C. Anderson	AIA
Darrell D. Anderson	

Firm Personnel by Discipline	
Architectural	7
Other Technical	1
Administrative	2
Total in Firm	10

	Work %
Housing	15
Office Buildings/Banks	30
Industrial/Mfg.	35
Churches	5
Restoration/Preservation	5
Municipal Bldgs.	10

Loring Green Condominiums, Minneapolis, MN; Century Corporate Plaza, Edina, MN; IBM Office Center, Rochester, MN; Blair Television, Minneapolis, MN; American Lutheran Church Addition, Baker, MT; IBM Remodeling, Minneapolis, MN.

DESIGNERY, ARCHITECTURE

P.O. Box 57
Stillwater, Minnesota 55082
612/433-3973
Established 1978

Raymond R. Raffel	AIA
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Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Housing	5
Office Buildings/Banks	35
Industrial/Mfg.	35
Churches	25

Passive Solar Residence, Stillwater, MN; Trinity Covenant Church Addition, Crystal, MN; Office/Manufacturing Plant, No. St. Paul, MN; Addition to Redeemer Covenant Church, Brooklyn Park, MN; Industrial Bldg., Evergreen Industrial Park, Coon Rapids, MN; Remodeling and Alterations to Washington County Historical Museum, MN.

ARTHUR DICKEY ARCHITECTS INC.

4930 France Avenue South
Minneapolis, Minnesota 55410
612/920-3993
Established 1962

Arthur H. Dickey	AIA
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Firm Personnel by Discipline	
Architectural	1
Other Technical	3
Administrative	1
Total in Firm	5

	Work %
Housing	15
Office Buildings/Banks	15
Retail/Commercial	20
Industrial/Mfg.	5
Medical Facilities/Health	5
Restoration/Preservation	15
Municipal Buildings	10
Interior Architecture	5
Solar/Earth Sheltered	10

Southdale YMCA, Minneapolis, MN; Minneapolis Fire Station #6, Minneapolis, MN; MN National Guard Armory, Bloomington, MN; NCO Club and Dining Hall, Mpls.-St. Paul Int'l. Airport; Carillon Building, Edina, MN; Kalsybro Building, Minneapolis, MN.

MARK E. DOHRMANN, ARCHITECT

1212 Wayzata Blvd.
Wayzata, MN 55391
612/475-3122
Established 1982

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

Corporate Offices, Norwest Mortgage, Minneapolis; Exterior Wall Retrofit, Bor-Son Towers, Minneapolis; Addition to Family of God Lutheran Church, Brooklyn Park, MN; Wright One Office Plaza, Buffalo, MN; Remodeling of Offices, Photo Controls, New Hope, MN; Dohrmann Residence, Long Lake, MN.

DUFFNEY ARCHITECTURE

P.O. Box 661
1016 Summit Avenue
Detroit Lakes, MN 56501
218/847-1851
Established 1983

Richard Duffney	AIA
Firm Personnel by Discipline	
Architectural	1
Total in Firm	1
Work %	
Housing	10
Office Buildings/Banks	10
Retail/Commercial	10
Industrial	25
Churches	25
Restoration/Preservation	10
Interior Architecture	10

DYKINS ASSOCIATES, INC.

2950 Metro Drive, Suite 307
Minneapolis, Minnesota 55420
612/854-3363
Established 1975

Charles A. Dykins	AIA
Firm Personnel by Discipline	
Architectural	3
Total in Firm	3
Work %	
Office Buildings/Banks	95
Retail/Commercial	5

Richfield Bank & Trust Co., Burnsville and Bloomington, MN; State Bank of Long Lake, Long Lake, MN; Empire State Bank, Cottonwood, MN; Glenwood State Bank, MN; AMOCO Station and Convenience Store, Bloomington, MN.

EKBERG ASSOCIATES, INC.

2140 Spruce Trail
Minneapolis, MN 55422
612/588-6388
Established 1974

Erland Ekberg, Jr.	AIA
Firm Personnel by Discipline	
Architectural	1
Total in Firm	1
Work %	
Housing	10
Office Buildings/Banks	10
Retail/Commercial	10
Industrial	25
Churches	25
Restoration/Preservation	10
Interior Architecture	10

McLean Midwest Office, Brooklyn Park, MN; Morey's Fish House Retail Store, St. Louis Park & Edina, MN; Park Place Condominiums, Fridley, MN; Douglas Corporation, Minneapolis, MN; Ronald Johnson Residence, Fridley, MN; LaMaur Addition, Fridley, MN.

ELLERBE ASSOCIATES, INC.

One Appletree Square
Bloomington, MN 55420
612/853-2000
Established 1909

Dennis Walsh	AIA
H. William Nara	AIA
Fred Richter	AIA
Donald C. G. Nelson	AIA
Robert F. Jacobsen	PE
Donald Chapman	PE
A. G. Erickson	PE
Firm Personnel by Discipline	
Architectural	147
Engineering	154
Landscape Architects	2
Interior Designers	18
Planners	19
Other Technical	41
Administrative	68
Total in Firm	465
Work %	
Office Buildings/Banks	14
Retail	2
Industrial/Mfg.	5
Medical Facilities/Health	40
Restoration/Preservation	10
Municipal Bldgs/Education	4
Interiors	4
Education	6
Research Labs	15

St. Paul Companies, St. Paul, MN; Notre Dame Engineering Building; Mayo Clinic Oncology Center, Rochester, MN; Sperry-Univac Semi-Conductor Facility, Eagan, MN; James Ford Bell Laboratory, Minneapolis, MN; 3M Data Processing Building, St. Paul, MN.

TOM ELLISON ARCHITECTS, INC.

2001 University Avenue SE
Minneapolis, MN 55414
612/623-1800
Established 1979

Tom Ellison	AIA
Firm Personnel by Discipline	
Architectural	1
Total in Firm	1
Work %	
Restoration/Preservation	10
Energy Efficient Housing	90

Bayless Condominiums, St. Paul, MN; Hadley House, Burnsville, MN; Priest Addition, Minneapolis, MN; Beckman Residence, Rosemount, MN; Baldwin Residence, No. St. Paul, MN; Mosch Residence, HUD National Passive Solar Award.

ARVID ELNES ARCHITECTS

200 Butler North
510 First Avenue North
Minneapolis, MN 55403
612/339-5508
Established 1975

Arvid Elnes	AIA
Paul Madson	AIA
LaVerne Hanson	AIA
Victor Zeuthen	
Firm Personnel by Discipline	
Architectural	12
Other Technical	3
Administrative	2
Total in Firm	17
Work %	
Housing	50
Office Buildings/Banks	20
Retail/Commercial	10
Churches/Worship	5
Restoration/Preservation	50
Interior Architecture	5
Education	5

Trinity Church & School, Wausau, WI; Cedar Riverside Infill Housing, Minneapolis, MN; Creekridge Office Building, Bloomington, MN; Thresher Square, Minneapolis, MN; Butler Square West, Minneapolis, MN; Jamestown Senior Housing, Jamestown, ND.

RICHARD ENGAN ASSOCIATES, ARCHITECTS

323 W. 4th Street
P.O. Box 89
Willmar, MN 56201
612/235-0860
Established 1979

Richard P. Engan	AIA
Firm Personnel by Discipline	
Architectural	3
Administrative	2
Total in Firm	5
Work %	
Housing	15
Office Buildings/Banks	15
Retail/Commercial	5
Industrial/Mfg.	10
Medical Facilities	15
Churches/Worship	10
Municipal	5
Solar/Earth Sheltered	10
Education/Academic	15

Christian Living Center, Willmar, MN; Camp Sanderson Peacepipe Girl Scout Council, Spicer, MN; Grandstand Athletic Field, Montevideo, MN; Jade Center, Willmar, MN; Grove City Community Center, Grove City, MN; West Central Industries, Willmar, MN.

EOS CORPORATION

684 Excelsior Blvd.
Excelsior, MN 55331
612/474-3291
Established 1971

J. Nicholas Ruehl	AIA
Bertil E. Haglund	AIA
Firm Personnel by Discipline	
Architectural	3
Administrative	1
Total in Firm	4
Work %	
Housing	25
Office Buildings/Banks	20
Retail/Commercial	15
Churches	5
Solar/Earth Sheltered	10
Education/Academic	20
Other	5

Mai Tai Restaurant; Minnetonka Senior High School Auditorium Remodeling & Athletic Fields; Andrew Alexander Retail Store, Edina, MN; Lynne Residence, Eden Prairie, MN; Pegasus High Rise Condominiums, Fort Pierce, FL; Office Condominium Complex, Minnetonka, MN.

F

DELANO ERICKSON ARCHITECTS

7415 Wayzata Blvd.
Minneapolis, MN 55426
612/544-8370
Established 1982

Delano Erickson		AIA
Firm Personnel by Discipline		
Architectural	1½	
Administrative	½	
Total in Firm	2	
		Work %
Housing	10	
Office Buildings/Banks	30	
Industrial	10	
Churches/Worship	5	
Restoration/Preservation	10	
Municipal Buildings	10	
Interior Architecture	5	
Solar/Earth Sheltered	20	

CTS Center, Richfield, MN;
Woodbury Community Center,
MN; Girl Scout National Center,
Briar Cliff Manor, NY;
J. H. Allen Building Rehab, St.
Paul, MN; Lakeville Ice Arena,
Lakeville, MN.

FARNAN ARCHITECTS

79 Western Ave. No.
St. Paul, MN 55102
612/292-1534
Established 1982

William T. Farnan		AIA
Firm Personnel by Discipline		
Architectural	1	
Total in Firm	1	
		Work %
Housing	50	
Office Buildings	25	
Retail/Commercial	25	
Restoration/Preservation	35	
Interior Architecture	20	
Solar/Earth Sheltered	35	

Blair House Retail Center Restoration, St. Paul; Minnesota Building Renovation, St. Paul; Macuban Street Condominiums, St. Paul; 310 Cedar Street Restaurant/Office Development, St. Paul; Popular Science Magazine Prototype Energy Residence.

STANLEY FISHMAN ASSOCIATES, INC.

348 North Prior Avenue
St. Paul, MN 55104
612/646-1381
Established 1965

Stanley Fishman		AIA
Firm Personnel by Discipline		
Architectural	4	
Administrative	1	
Total in Firm	5	
		Work %
Housing	10	
Office Buildings/Banks	60	
Restoration/Preservation	25	
Other (Street Revitalization)	30	

Woodmount Townhouses, Cottage Grove, MN; Cedar Riverside Peoples Center, Minneapolis, MN; Riverview Manor Group Home for the Developmentally Disabled, Wanamingo, MN; Fort Road Revitalization, St. Paul, MN.

ORLEN FJELSTED AND ASSOCIATES, INC.

Box 147, 313 Washington
Northfield, MN 55057
507/645-4407
Established 1972

Orlen Fjelsted		AIA
Firm Personnel by Discipline		
Architectural	2	
Administrative	1	
Total in Firm	3	
		Work %
Multi Housing	75	
Single Family Housing	10	
Restoration	15	

Retirement Condominiums, Northfield, MN; Retirement Condominiums, Albert Lea, MN; Apartment Building, Cannon Falls, MN; Single Family Residence, Northfield, MN; Office Restoration, Northfield, MN.

FOSS ASSOCIATES

725 Center Ave., Box 306
Moorhead, MN 56560
218/236-1202
Other offices in Fargo, ND, and Billings, MT
Established 1898

Mark B. Foss		PE
Eight other principals		
Firm Personnel by Discipline		
Architectural	23	
Engineering	15	
Interior Designers	2	
Other Technical	12	
Administrative	8	
Total in Firm	60	
		Work %
Housing	2	
Office Buildings/Banks	7	
Retail/Commercial	8	
Industrial/Mfg.	2	
Medical Facilities	28	
Churches/Worship	2	
Restoration/Preservation	2	
Municipal Buildings	16	
Interior Architecture	3	
Education/Academic	15	

Music Education Center, North Dakota State University, Fargo, ND; Center for Aerospace Sciences, U. of ND, Grand Forks, ND; Nicollet County Law Enforcement Center, St. Peter, MN; Pipestone County Nursing Home Addition, Pipestone, MN; Isanti County Law Enforcement Center, Cambridge, MN; Billings County Courthouse, Medora, ND.

FOWLER HANLEY INC.

1207 Harmon Place
Minneapolis, MN 55403
612/332-8728
Established 1973

Michael A. Fowler		PE
Thomas J. Zumwalde		
Bruce K. Betker		
Firm Personnel by Discipline		
Architectural	5	
Engineering	7	
Other Technical	1	
Administrative	1	
Total in Firm	14	

		Work %
Housing	30	
Office Bldgs/Banks	20	
Retail/Commercial	20	
Industrial/Mfg.	10	
Medical	5	
Restoration/Preservation	10	
Solar/Earth Sheltered	5	

Second Avenue Skyway, Minneapolis, MN; Brighton Shores Townhomes, New Brighton, MN; Nautilus Fitness Center, Bloomington, MN; Robert Street Office Plaza, West St. Paul, MN; Cedar Woods Court Townhomes, Minneapolis, MN; Forest Place Apartments, St. Paul, MN.

H. W. FRIDLUND, ARCHITECTS

4501 Minnetonka Boulevard
Minneapolis, MN 55416
612/920-3080
Established 1950

H. W. Fridlund		AIA
Milt Brufflodt		
Alan Kimpell		
Gerald Runk		
Eileen Greenwood		
Firm Personnel by Discipline		
Architectural	5	
Administrative	1	
Total in Firm	6	

		Work %
Housing	35	
Office Buildings/Banks	9	
Retail/Commercial	10	
Churches	1	
Interiors	3	
Education	5	
Recreational	32	
Nursing Homes	5	

Burnsville Racquet and Swim Club, Burnsville, MN; 98th Street Racquet & Swim Club, Bloomington, MN; Rosemount Plaza Commercial Development, Rosemount, MN; Indio Recreational Complex, Palm Springs, CA; Meadows Edge Elderly Housing Project, Isanti, MN.

G

GALLAGHER ARCHITECTS

3609 Gettysburg Avenue North
Minneapolis, MN 55427
612/542-8259
Established: 1981

Daniel P. Gallagher	AIA
Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Housing	10
Industrial	50
Churches/Worship	30
Education/Academic Buildings	10

Banner Engineering, Inc.,
Plymouth, MN; Rectory Re-
modeling for Parish Community
of St. Joseph, Plymouth, MN;
Conley Residence, Minneapolis,
MN; Minnegasco, Minneapolis,
MN; Huttner Residence, Alex-
andria, MN.

GRANS AND ASSOCIATES

1000 University Ave., S.E.,
Suite 18
Minneapolis, MN 55414
612/331-7622
Established 1983

Sally Grans	AIA
Firm Personnel by Discipline	
Architectural	2
Other Technical	1
Administrative	1
Total in Firm	4

	Work %
Housing	80
Commercial	20

8 Unit Rehab, Minneapolis,
MN; Renovation of Historic
Duplex, Minneapolis, MN;
Luxury Cabin, Cumberland,
WI; Affordable Earth-Sheltered
Duplex, Shoreview, MN; 14
Scattered Site Homes, St. Paul,
MN; Two Warehouse Additions,
St. Paul, MN.

GREBNER ASSOCIATES

85 Langford Park
St. Paul, MN 55108
612/645-8455
Established 1978

D. W. Grebner	AIA
Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Architectural design; urban design consulting; design education	

Williams Residence, Medicine
Lake, MN; Storefront Remodel-
ing, Central Avenue, Minneapo-
lis, MN; Central Avenue Rehab
Plan, Minneapolis, MN.

GREEN, NELSON, WEAVER & WINSOR INC.

3033 Excelsior Blvd.
Minneapolis, MN 55416
612/926-7635
P.O. Box 37079
Ft. Worth, TX 76117
817/281-8152
Established 1878

Gene L. Green	AIA
Arthur E. Nelson	
John K. Weaver	AIA

Firm Personnel by Discipline	
Architectural	4
Engineering	2
Administrative	2
Total in Firm	8

	Work %
Housing	3
Office Buildings/Banks	10
Retail/Commercial	8
Industrial/Mfg.	30
Churches/Worship	2
Restoration/Preservation	14
Municipal Buildings	2
Interior Architecture	2
Solar/Earth Sheltered	2
Education/Academic Buildings	27

Minneapolis Technical Institute
and Parking Garage, Minneapo-
lis, MN; Weyerhaeuser Distri-
bution Center (Retrofit), St.
Paul, MN; Boise Cascade Man-
ufacturing Plant, Torrance, CA;
Minneapolis Star & Tribune
Newspaper Office Building,
Minneapolis, MN; Shamrock
Industries, Baldwin, MS; LDI
Industries, Ft. Worth, TX.

GRISWOLD, RAUMA, EGGE AND OLSON, ARCHITECTS

830 Shelard Tower
Wayzata Blvd. at Cty. Rd. 18
Minneapolis, MN 55426
612/544-2777
Established 1963

David J. Griswold	AIA
John G. Rauma	FAIA
Jackson W. Griswold	
Robert G. Egge	
Calvin M. Olson	AIA
Annie Vaughn	SAA

Firm Personnel by Discipline	
Architectural	5
Administrative	1
Total in Firm	6

	Work %
Housing	15
Office Buildings/Banks	20
Industrial/Mfg.	5
Churches/Worship	15
Restoration/Preservation	5
Municipal	15
Interior Architecture	5
Education/Academic Buildings	20

Residence Hall, St. John Vien-
nay Seminary, St. Paul, MN;
Poultry Teaching and Research

Facility, U of MN, St. Paul,
MN; Hennepin County Ridge-
dale Library, MN; Schott Cor-
poration Office Bldg., Wayzata,
MN; Kenwood Neighborhood
Recreation Center, Minneapolis,
MN; Baker Vacation Home.

GARY GROOTERS ARCHITECTS P.A.

400 East St. Germaine
St. Cloud, MN 56301
612/252-3740
Established 1977

Gary Grooters	AIA
Firm Personnel by Discipline	
Architectural	3
Interior Designers	1
Total in Firm	3

	Work %
Housing	60
Office Buildings/Banks	10
Retail/Commercial	5
Industrial	2
Medical/Health Care	20
Churches/Worship	1
Interior Architecture	1
Education	1
Municipal	1
Solar/Earth Sheltered	1

Woodland Acres Health Care &
Retirement Center, Brainerd,
MN; Good Shepherd Lutheran
Nursing Home, Sauk Rapids,
MN; Waite Park Nursing
Home, Waite Park, MN;
Mother of Mercy Nursing
Home, Albany, MN.

GROUP II ARCHITECTS

104 West Redwood
Marshall, MN 56258
507/532-4946
Established 1979

Thomas J. Osterberg	AIA
Ronald D. Halgerson	AIA

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

	Work %
Housing	6
Office Buildings/Banks	30
Retail	2
Industrial/Mfg.	12
Medical	2
Churches/Worship	9
Restoration/Preservation	1
Municipal Buildings	27
Education/Academic Buildings	11

Law Enforcement/County Exten-
sion Addition, Watonwan
County, St. James, MN; Mu-
nicipal Building, Redwood Falls,
MN; Twin City Federal, Mar-
shall, MN; Detached First Bank
Facility, Marshall, MN; Muni-
cipal Facilities, Sleepy Eye, MN;
Law Offices, Marshall, MN.

H

HALL ASSOCIATES

2345 No. Rice St., Suite 210
St. Paul, MN 55113
612/481-1268
Established 1983

David B. Hall	AIA
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Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Criminal Justice	100

Washakie County Law Enforce-
ment Center, WY; Jasper
County Law Enforcement Cen-
ter, IA; Montgomery County
Court Facilities Study, OH; Re-
gional Jail, Nome, AK

HAMMEL GREEN & ABRAHAMSON INC.

1201 Harmon Place
Minneapolis, MN 55403
612/332-3944
Established 1953

Richard Hammel	FAIA
Curtis Green	FAIA
Bruce Abrahamson	FAIA
George T. Riches	AIA
Harry Wilcox	PE
Eldon Burow	AIA

Firm Personnel by Discipline	
Architectural	47
Engineering	44
Landscape Architects	2
Interior Designers	7
Planners	1
Other Technical	7
Administrative	29
Total in Firm	137

	Work %
Housing	8
Office Buildings/Banks	15
Retail/Commercial	6
Industrial/Manufacturing	1
Medical Facilities/Health Care	28
Churches/Worship	3
Restoration/Preservation	10
Municipal Buildings	6
Interior Architecture	2
Solar/Earth Sheltered	1
Education/Academic Buildings	8
Prime Engineering	12

H. B. Fuller, Vadnais Heights,
MN; VA Replacement Medical
Center, Minneapolis, MN;
Piper Tower, Minneapolis,
MN; Downtown Radisson Ho-
tel, Minneapolis, MN; Honey-
well Residential Division,
Golden Valley, MN; Luther
College Music Building, De-
corah, IA.

RICHARD HANDFORD & ASSOCIATES, LTD.

325 Liberty Bank Building
St. Paul, MN 55104
612/645-4263
Established 1973

Richard Handford	AIA
Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Housing	10
Office Buildings/Banks	80
Retail	10

First State Bank, New Brighton, MN; Maplewoods North Housing, Maplewood, MN; Oakdale Development, Oakdale, MN.

RODNEY L. HENSLIN, AIA MEDICAL FACILITY CONSULTANTS

169 East Moreland
West St. Paul, MN 55118
612/457-0199
Established 1976

Rodney L. Henslin	AIA
Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Office Buildings/Banks	20
Medical/Health Care	60
Consulting Services	20

St. Ann's Hospital, Watertown, SD; Cherne Office Building, Eden Prairie, MN; Sheet Metal Workers #10 Credit Union Facility, Maplewood, MN.

BERNARD HERMAN ARCHITECTS, INC.

4825 Olson Memorial Hwy.
Minneapolis, MN 55422
612/545-1253
Established 1967

Bernard Herman	AIA
Firm Personnel by Discipline	
Architectural	40
Retail/Commercial	30
Industrial	25
Municipal	5

Nankin Cafe, Minneapolis, MN; 55 Professional Building, Minneapolis, MN; American Steel Warehouse, Minneapolis, MN; The Golden Gazebo, Minnetonka, MN; Calhoun Vista Apartments, Minneapolis, MN.

HILLS GILBERTSON ARCHITECTS INC.

104 West Franklin
Minneapolis, MN 55404
612/870-1000
Established 1940

Leslie E. Formell	AIA
James I. Lammers	AIA
Firm Personnel by Discipline	
Architectural	9
Interior Designers	1
Engineering	2
Landscape Architects	1
Planners	1
Other Technical	1
Administrative	3
Total in Firm	18

	Work %
Housing	4
Office Buildings	1
Retail/Commercial	6
Industrial/Manufacturing	2
Medical Facilities/Health Care	82
Churches/Worship	6
Restoration/Preservation	2
Interiors	1

St. Cloud Hospital, St. Cloud, MN; St. Mary's Hospital Critical Care, Minneapolis, MN; Paynesville Community Hospital, Paynesville, MN; Hazelden Renewal Center, Center City, MN; St. Mary's Hospital Cardiac Surgery, Duluth, MN; Eighth & LaSalle Retail Center, Minneapolis, MN.

THOMAS HODNE ARCHITECTS, INC.

2404 Stevens Avenue South
Minneapolis, MN 55404
612/871-4440
30 Westgate
Winnipeg, Man. R3L 0H3
Canada
204/477-1407
Established 1982

Thomas H. Hodne, Jr.	FAIA
Roger W. Kipp	AIA
Firm Personnel by Discipline	
Architectural	3
Planners	2
Administrative	2
Total in Firm	7

	Work %
Housing	40
Restoration/Preservation	10
Education/Academic Buildings	20
Planning	30

Doyle/Ryder Community School, Flint, MI; San Carlos Apache Housing, Phoenix, AZ; Little Wound School, Kyle, SD; Hodne/Murphy Residence, Minneapolis, MN; U. of Iowa Long Range & Incremental Planning, Iowa City, IA; Nicollet/Lake Parking Mall & Plaza, Minneapolis, MN.

HOKANSON/LUNNING ASSOCIATES, INC.

18 North Fourth St.
Minneapolis, MN 55401
612/332-4846
Established 1981

Brad Hokanson	AIA
Robert B. Lunning	
Firm Personnel by Discipline	
Architectural	2
Other Technical	1/2
Total in Firm	2 1/2

	Work %
Housing	75
Urban Design	10
Retail Commercial	5
Restoration/Preservation	35
Interior Architecture	10
Solar/Earth Sheltered	40

Blaisdell Town Homes, Mpls, MN; Residence, 651 Ashland, St. Paul, MN; Seward Court, Minneapolis, MN; Scattered Site Housing, St. Paul, MN.

HORTY, ELVING & ASSOCIATES INC.

505 E. Grant Street
Minneapolis, MN 55404
612/332-4422
Established 1955

Thomas Horty	AIA
Carl D. Elving	PE

Firm Personnel by Discipline	
Architectural	9
Engineering	8
Interior Designers	2
Administrative	3
Total in Firm	22

	Work %
Housing	10
Medical Facilities/Health Care	80
Offices	5
Municipal Buildings	5

CRISTA Senior Housing, Seattle, WA; St. John's Hospital, Red Wing, MN; St. Joseph's Hospital, Dickson, ND; Glenhaven Nursing Home, Glencoe, MN; Personal Care Facility for Colonial Acres Home, Golden Valley, MN; Worthington Regional Hospital, Worthington, MN.

TRUMAN HOWELL ARCHITECTS & ASSOCIATES, INC.

620 Mendelssohn Avenue
Suite 130
Minneapolis, MN 55427
612/541-9777
Established 1979

Truman Howell	AIA
Firm Personnel by Discipline	
Architectural	3
Administrative	1
Total in Firm	4

	Work %
Housing	30
Office Buildings	10
Medical/Health Care	30
Restoration/Preservation	10
Interiors	10
Solar/Earth Sheltered	10

Airport Business Center I, Bloomington, MN; Airport Business Center II, Bloomington, MN; Tescom Corporation, Elk River, MN; Share Clinic, St. Paul, MN; Schonbak Residence, Minnetonka, MN; Share Administration Offices, Bloomington, MN; Pemble Residence, Bloomington, MN.

HUSTAD-PONTINEN ARCHITECTS, INC.

11575 K-Tel Drive
Minnetonka, MN 55343
612/933-3366
Established 1973

Donald E. Hustad	AIA
Ronald W. Pontinen	AIA

Firm Personnel by Discipline	
Architectural	2 1/2
Total in Firm	2 1/2

	Work %
Housing	35
Office Buildings	15
Retail/Commercial	5
Industrial	35
Medical	5
Churches	5

Elderly Housing, Prior Lake, MN; Pharmaceutical Lab, Plymouth, MN; Industrial Park, Minnetonka, MN; Computer Parts Mfg. Plant, Victoria, MN; Office Park, Minnetonka, MN; Elderly Housing, Madelia, MN.

IDSTROM OSTREIM ARCHITECTS, P.A.

633 E. Lake Street
Wayzata, MN 55391
612/473-1011
Established 1980

John B. A. Idstrom, II AIA
David M. Ostreim AIA

Firm Personnel by Discipline	
Architectural	3
Other Technical	1
Administrative	1
Total in Firm	5

Work %	
Office Buildings	20
Interiors	80

BERNARD JACOB ARCHITECTS, LTD.

55 South 8th Street
Minneapolis, MN 55402
612/332-5515/5517
Established 1970

Bernard Jacob FAIA
Sandra Becker IBID

Firm Personnel by Discipline	
Architectural	3
Interior Designers	1
Planners	1
Administrative	1
Total in Firm	6

Work %	
Office Buildings/Banks	25
Retail/Commercial	20
Interior Architecture	30
Solar/Earth Sheltered	25

Bierman Field Athletic Building Addition, U. of MN, Minneapolis, MN; Renovation of District Heating Plant, St. Paul, MN; Health One Corporate Offices, Minneapolis, MN; Shaw Lumber Company Facilities Masterplan, St. Paul, MN; W. A. Lang Company Office Expansion, St. Paul, MN.

JAFVERT, MUELLER AND ASSOCIATES, INC.

6700 France Avenue
Edina, MN 55435
612/926-7677
Established 1972

Lloyd R. Jafvert AIA
Steven P. Mueller

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

Work %	
Housing	20
Office Buildings/Banks	10
Retail/Commercial	10
Industrial	10
Medical/Health Care	5
Churches	10
Interior Architecture	20
Solar/Earth Sheltered	15

Golden Hills Shopping Center, Golden Valley, MN; American Indian Evangelical Church, Minneapolis, MN; Garcia's Restaurant, St. Louis Park, MN; Southdale Square Shopping Center Remodeling, Richfield, MN; Anderson Residence, Orono, MN; Bluefin Bay on Lake Superior, Tofte, MN.

PHILLIP D. JOHNSON ARCHITECT

5637 Brooklyn Boulevard
Minneapolis, MN 55429
612/533-4235
Established 1978

Phillip D. Johnson AIA

Firm Personnel by Discipline	
Architectural	1
Administrative	1/2
Total in Firm	1 1/2

Work %	
Housing	20
Office Buildings	10
Retail	10
Industrial	10
Churches/Worship	30
Interior Architecture	15
Solar/Earth Sheltered	5

Brooklyn Law Center; Zimmerman Evangelical Free Church Addition; Kwik Copy, Minnetonka, MN; New Life Bible Church, Orono, MN.

JOHNSON, SHELDON & SORENSON ARCHITECTS, INC.

10249 Yellow Circle Drive
Minnetonka, MN 55343
612/935-6337
Montevideo, MN 56258
Established 1972

Roger F. Johnson AIA
Alvin D. Sheldon AIA
Carlyle A. Sorenson AIA

Firm Personnel by Discipline	
Architectural	10
Administrative	1
Total in Firm	11

Work %	
Housing	40
Office Buildings/Banks	15
Industrial	10
Churches/Worship	15
Municipal Buildings	10
Interior Architecture	5
Education/Academic Buildings	5

Calvary Lutheran Church Addition, Alexandria, MN; Burnsville Car Wash, Burnsville, MN; Clara City Telephone Co., Clara City, MN; Lonsdale Telephone Co., Lonsdale, MN; Mower County HUD Housing, Austin, MN; Northland Glass Co., Albertville, MN.

KAGERMEIER-SKAAR ARCHITECTS, INC.

526 South Second Street
Mankato, MN 56001
507/388-6271
Established 1932

James H. Kagermeier AIA
Roger J. Skaar AIA

Firm Personnel by Discipline	
Architectural	2
Interior Designers	1
Other Technical	1
Total in Firm	4

Work %	
Office Buildings	20
Retail/Commercial	10
Industrial	20
Medical/Health Care	10
Churches/Worship	10
Education/Academic	30

Jackson High School, Jackson, MN; First Bank Detached Unit, Mankato, MN; Spearhead Industries Warehouse; Mankato, MN; First Lutheran Church, LeSeuer, MN; Minnesota Valley Regional Library, Mankato, MN; Multi-Church Center, Mankato, MN

KEILLOR ARCHITECTS

1642 Edgewood Avenue South
St. Louis Park, MN 55426
612/545-1324
Established 1980

Richard Keillor AIA

Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

Work %	
Housing	10
Office Buildings/Banks	20
Retail/Commercial	10
Churches	50
Restoration/Preservation	10

Addition and Remodeling, First National Bank, Anoka, MN; Bunker Riverview Estate, Anoka, MN; Lake Havasu Baptist Church, Lake Havasu City, AZ; First Baptist Church, Hebron, ND; Park Grove Alliance Church, Cottage Grove, MN.

KILSTOFTE ASSOCIATES INC.

305 Minnetonka Ave. So.
Wayzata, MN 55391
612/473-0277
Established 1970

Irwin H. Kilstofte AIA

Firm Personnel by Discipline	
Architectural	5
Administrative	1
Total in Firm	6

Work %	
Housing	10
Office Buildings/Banks	15
Retail/Commercial	15
Industrial/Manufacturing	15
Medical	5
Churches	5
Restoration/Preservation	10
Municipal Buildings	10
Interior Architecture	5
Solar/Earth Sheltered	5
Education/Academic	5

Royale Inn Hotel, Montevideo, MN; Van Grastek Residence, Minnetonka, MN; Retail and Office Building, Wayzata, MN; Lake Center Industries Technical Center, Winona, MN; Drive-In Banking Facility, Plymouth, MN; MN Dept. of Trans. Central Shop and Electrical Services Unit, Fort Snelling, MN.

KLAPSTE ARCHITECTS INC.

7101 York Ave. So.
Minneapolis, MN 55435
612/921-3311
Established 1976

James L. Klapste AIA

Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

Work %	
Housing	30
Office Buildings/Banks	30
Retail/Commercial	30
Medical	5
Interior Architecture	5

Ridgeview Office Center, Minnetonka, MN; Lakeridge Condominiums, Woodbury, MN; Nortronics Manufacturing Plant, Dassel, MN; Bancroft Homes, Minneapolis, MN; Rockford Clinic, Rockford, MN; Grove Square, Maple Grove, MN.

**CLETUS G. KLEIN
ARCHITECT**

32 Tenth Ave. S.
Hopkins, MN 55343
612/935-1975
Established 1969

Cletus G. Klein	AIA
Firm Personnel by Discipline	
Architectural	1
Total in Firm	1
Work %	
Medical Facilities/Health Care	60
Churches/Worship	10
Office Buildings	10
Retail/Commercial	10
Industrial	10

**GEORGE KLEIN AND
COMPANY, INC.,
ARCHITECTS**

18340 Minnetonka Blvd.
Deephaven, MN 55391
612/473-1505
Established 1977

George F. Klein, Jr.	AIA
Firm Personnel by Discipline	
Architectural	2
Administrative	1/2
Total in Firm	2 1/2
Work %	
Housing	20
Office Buildings/Banks	10
Retail/Commercial	10
Industrial/Manufacturing	10
Restoration/Preservation	5
Interior Architecture	15
Municipal	10
Studies & Forensic Work	20

Pillsbury Company World Headquarters (with MGA and DCI), Minneapolis, MN; Hennepin County Work/Study Release Facility, Plymouth, MN; MnDOT Garage & Vehicle Storage Bldg., Mpls., MN; Wayzata Yacht Club, Wayzata, MN; Addition and Remodeling to Winter House, Chaska, MN; Metroquip Sales and Storage Facility, Plymouth, MN.

**BRUCE KNUTSON
ARCHITECTS INC.**

17 Washington Ave. No.
Minneapolis, MN 55401
612/371-5853
Established 1978

Bruce Knutson	AIA, CSI
Firm Personnel by Discipline	
Architectural	3
Landscape Architect	1
Interior Designer	1
Administrative	1
Total in Firm	6
Work %	
Housing	50
Office Buildings/Banks	25
Retail/Commercial	15
Industrial/Manufacturing	10
Other	5

Lake Shore Drive Condominiums, Richfield, MN; Calhoun Isles Townhomes, Minneapolis, MN; Corporate Headquarters, Minnesota Rubber, St. Louis Park, MN; Pontillo's Pizzeria, Roseville, MN; David Nitz Residence, Minnetonka, MN; U. of Minn, Arboretum Learning Center Chaska, MN.

**KODET
ARCHITECTURAL
GROUP**

1630 Harman Place
Minneapolis, MN 55403
612/333-2818
Established 1983

Edward J. Kodet, Jr.	AIA
Firm Personnel by Discipline	
Architectural	4
Administrative	1
Total	5
Work %	
Housing	30
Office Buildings	15
Retail/Commercial	15
Industrial	5
Medical	10
Restoration/Preservation	10
Churches	5
Municipal	10

Garden Terrace Apartments, Little Canada, MN; Offices/Stores, Minneapolis, MN; Little Earth Housing Renovation, Minneapolis, MN; Benjamin Residence, WI; Book & Company Offices, Minneapolis, MN.

**KORNGIEBEL
ARCHITECTS**

45 Washington Ave. E.
Hutchinson, MN 55350
612/587-2483
Established 1969

John Korngiebel	AIA
Firm Personnel by Discipline	
Architectural	3
Administrative	1
Total in Firm	4
Work %	
Housing	75
Office Buildings/Banks	5
Church/Worship	5
Municipal Buildings	5
Education	5
Restoration/Preservation	5

Cedardale Elderly Apts., Owatonna, MN; Cardinal Apartments, Willmar, MN; Hutchinson Fire Station, MN; Peace Lutheran Church Fellowship Hall Addition, Hutchinson, MN.

**KORSUNSKY KRANK
ERICKSON
ARCHITECTS, INC**

570 Galaxy Bldg.
330 2nd Avenue So.
Minneapolis, MN 55401
(612) 339-4200
Established 1968

Y. A. Korsunsky	AIA
Ronald Krank	AIA
Ronald C. Erickson	AIA
Firm Personnel by Discipline	
Architectural	56
Interior Designers	8
Administrative	15
Total in Firm	79
Work %	
Housing	25
Office Bldgs./Banks	15
Retail/Commercial	20
Industrial	10
Medical/Health Care	10
Restoration/Preservation	10
Interior Architecture	5
Parking Ramps	5

Microcomponent Technology Corp. World Hqtrs., Shoreview, MN; First Bank LaCrosse, WI; Northwest Financial Center, St. Cloud, MN; Riverplace, Minneapolis, MN; Metropolitan Medical Office Building, Minneapolis, MN; West Oaks Condominiums, Minnetonka, MN.

**LEONARD LAMPERT
ARCHITECTS, P.A.**

430 First Ave. No.
Minneapolis, MN 55401
612/340-0504
Established 1980

Leonard Lampert	AIA
Firm Personnel by Discipline	
Architectural	1
Total in Firm	1
Work %	
Housing	30
Office Buildings/Banks	30
Industrial	20
Restoration/Preservation	10
Retail	10

Edenvale Office/Warehouse, Eden Prairie, MN; Dain Tower Renovation, Minneapolis, MN; Cabin, Brainerd, MN; Office Building, Eden Prairie, MN; Residence, Hilton Head Island, SC; Residence, Minnetonka, MN.

**RICHARD LARSEN
ARCHITECTS**

Lincoln Prof. Bldg.
P.O. Box 4
Detroit Lakes, MN 56501
218/847-9876
Established 1979

Richard A. Larsen	AIA
Firm Personnel by Discipline	
Architectural	2
Total in Firm	2
Work %	
Housing	40
Office Buildings/Banks	10
Medical Facilities	10
Restoration/Preservation	20
Municipal Buildings	10
Solar/Earth Sheltered	10

LILYHOLM YOUNG & GLEESON

237 E. Sixth Street
St. Paul, Minnesota 55101
612/227-7667
Established 1980

Leonard P. Lilyholm
Howard J. Young
Daniel J. Gleeson AIA

Firm Personnel by Discipline	
Architectural	5
Administrative	1
Total in Firm	6

	Work %
Housing	20
Office Buildings/Banks	10
Retail/Commercial	10
Industrial/Mfg.	10
Restoration/Preservation	20
Interior Architecture	10
Solar/Earth Sheltered	10
Planning	10

St. Paul Energy Park, St. Paul, MN; Chicago Great Western Freight Station Office Condo, St. Paul, MN; Market House, St. Paul, MN; The Studio, Minneapolis, MN; Scanlan International, St. Paul, MN; Baker Technology Plaza, Minnetonka, MN

LINDBERG PIERCE, INC.

600 1st Avenue North
Suite 710
Minneapolis, MN 55403
612/332-3339
Established 1973

James H. Lindberg AIA
Robert L. Pierce AIA

Firm Personnel by Discipline	
Architectural	5
Administrative	1
Total in Firm	6

	Work %
Office Buildings/Banks	5
Retail/Commercial	10
Industrial/Mfg.	20
Churches/Worship	15
Restoration/Preservation	5
Municipal Buildings	40
Interior Architecture	5

Northwestern Bell Switching Stations, Bloomington & Burnsville, MN; Inver Grove Heights Public Works Facility, MN; City Hall Council Chambers Remodeling, St. Louis Park, MN; Addition and Remodeling, Knollwood Church of Christ, St. Louis Park, MN; System-wide Signage Program, Minneapolis Public Library, MN; 3M Decorative Products Office/Warehouse, Southfield, MI.

JACK LINDEMAN—SPECIFICATIONS CONSULTANT

5000 First Avenue South
Minneapolis, MN 55419
612/824-8822
Established 1975

Jack Lindeman CSI, AIA

	Work %
Housing	12
Office Buildings/Banks	59
Retail/Commercial	5
Industrial	11
Medical	1
Municipal Buildings	3
Education/Academic Buildings	4
Maintenance/Repair	5

ROLF LOKENSGARD, AIA

1645 Hennepin Ave., Suite 316
Minneapolis, MN 55403
612/375-9086
Established 1978

Rolf Lokensgard AIA

	Work %
Housing	60
Retail/Commercial	5
Industrial	10
Churches/Worship	5
Restoration/Preservation	15
Solar/Earth Sheltered	5

Seven on the Corner Townhouses, Minneapolis; Gale Condominiums, Minneapolis; Office/Warehouse Addition, St. Paul, MN; Ligon Residence, Minneapolis; Handicapped House Design, Minneapolis; Building Maintenance Office/Storage, South St. Paul, MN

THE LUNDGREN ASSOCIATES, INC.

1140 Minnesota Building
St. Paul, MN 55101
612/224-4765
Established 1950

Louis R. Lundgren FAIA
June S. Lundgren AIA
Cherry Gen Lundgren

Firm Personnel by Discipline	
Architectural	5
Engineering	1
Total in Firm	6

LUTTERS ARCHITECTURE/PLANNING/DESIGN

13517 Garfield Avenue South
Burnsville, MN 55337
612/890-6380
Established 1980

Harry J. Lutters AIA

	Work %
Medical Facilities/Health Care	100

MACDONALD AND MACK PARTNERSHIP

305 Grain Exchange Building
Minneapolis, MN 55415
612/341-4051
Established 1977

Stuart E. MacDonald AIA
Robert C. Mack AIA

Firm Personnel by Discipline	
Architectural	2
Other	1
Total in Firm	3

	Work %
Restoration/Preservation/Adaptive Use	100

Historical/architectural survey of Janesville, WI; Restoration of the Grain Exchange Building terra cotta, Minneapolis, MN; Restoration, Red Wing City Hall, MN; 69 Sites, Historic Survey, US National Park Service; Restoration Study for Nicholas Jarrot Mansion, Cahokia, IL; Restoration, Security Life Building, Minneapolis, MN

ROBERT G. MAGNEY AIA

11408 Oak Ridge Lane
Minnetonka, MN 55343
612/544-9219

Robert G. Magney AIA

Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

MATRIX ASSOCIATES, ARCHITECTS

7515 Wayzata Blvd., Suite 226
Minneapolis, MN 55426
612/544-4122
Established 1973

Robert D. Hanson AIA

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

	Work %
Housing	33
Medical Facilities	34
Education	33

Bethesda Nursing Home, Willmar, MN; Renovation & Remodeling, Cambridge State Hospital; Remodeling Oddfellows' Home, Northfield, MN; Paul Ives Residence, St. Louis Park, MN; Remodeling, Fridley Public Schools, MN.

MATSON, WEGLEITNER AND ABENDROTH ARCHITECTS, INC.

North Plaza Building
5217 Wayzata Blvd.
Minneapolis, MN 55416
(612) 544-8941
Established 1958

Urban L. Abendroth AIA

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

	Work %
Retail	8
Education/Academic Buildings	92

Barnum Senior High School, Barnum, MN; Forest Lake Jr. High School, MN; Hennepin Technical Centers Offices, Plymouth, MN; Rice Lake & Elm Creek Elementary Schools, Osseo, MN; Huddleston Elementary School, Lakeville, MN; Staples Vo-Tech, MN.

MCENARY KRAFT BIRCH & KILGORE, INC.

10501 Wayzata Boulevard
Minnetonka, MN 55343
(512) 546-8917
Established 1934

Merrill A. Birch AIA
Robert A. Kilgore AIA
Robert C. Van Hoe CSI

Firm Personnel by Discipline	
Architectural	3
Total in Firm	3

	Work %
Housing	20
Office Buildings/Banks	65
Industrial	5
Medical	5
Churches	5

First Bank Robbinsdale, MN; S. J. Groves Building, Plymouth, MN; Public Library, Monticello, MN

MC GUIRE ARCHITECTS PLANNERS INCORPORATED

954 Plymouth Building
12 South Sixth Street
Minneapolis, MN 55402
(612) 332-2116
Established 1966

George E. McGuire AIA

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

Tobie's Restaurant and Supper Club, Hinckley, MN; State of Minnesota CAAPC Competition No. 1 Award, Parking Structure & Public Park at Central Park, Capitol Campus, Saint Paul, MN; Site Development/Headquarters, Arneson Heating Service Inc., So. St. Paul, MN; Church of St. Thomas, School Window Replacement & Restoration, Minneapolis, MN; Lent Township Hall, Chisago County, Stacy, MN; State of Minnesota, Retrofit Insulation & Weatherstripping, Minnesota Correctional Facility, Stillwater, MN.

MCGUIRE COURTEAU LUCKE ARCHITECTS INC.

867 Grand Avenue
St. Paul, MN 55105
(612) 222-8451
Established 1973

Patrick F. McGuire AIA
Arnold S. Lucke AIA
Richard J. Dufresne

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

	Work %
Housing	10
Office Buildings/Bank	5
Retail/Commercial	5
Industrial	5
Medical	10
Churches/Worship	15
Restoration/Preservation	10
Municipal Buildings	15
Interior Architecture	5
Solar/Earth Sheltered	10
Education	20

Our Lady of Good Counsel Home, St. Paul, MN; Dakota County AVTI, Rosemount, MN; John Paul Residence Hall, College of St. Thomas, St. Paul, Eastview Recreation Center, St. Paul; District Services Facility, St. Paul Public Schools; Hayden Heights Recreation Center, St. Paul, MN

MARK MCKECHNIE, ARCHITECT

The Pottery Building
2025 West Main St.
Red Wing, MN 55066
612/388-1555
Established 1979

Mark McKechnie AIA

Firm Personnel by Discipline	
Architectural	2
Administrative	1/2
Total in Firm	2 1/2

	Work %
Housing	10
Office Buildings/Banks	15
Retail/Commercial	10
Industrial	10
Churches/Worship	5
Restoration/Preservation	30
Municipal Buildings	10
Education	10

The Old Pottery Building, Red Wing, MN; Office Addition to Manufacturing Plant, St. Louis Park, MN; Becotte Building, Zumbrota, MN; Cardinal IG Offices, St. Louis Park, MN; Yorkshire Greens Townhouses, North Branch, MN; Bob's Business Warehouse, Red Wing, MN; Citizen Building Rehab., Red Wing, MN.

JAMES NELSON MCKELLIN III ARCHITECT

604 W. Minnehaha Parkway
Minneapolis, MN 55419
612/823-5223
Established 1977

James Nelson McKellin III AIA

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

	Work %
Housing	100

Housing for the Elderly in various Minnesota and Wisconsin communities.

JAMES MCNUTT AND ASSOCIATES

409 West Washington
Brainerd, MN 56401
218/829-0424
Established 1981

James McNutt AIA
Robert Meyer

Firm Personnel by Discipline	
Architectural	2
Total in Firm	2

	Work %
Housing	5
Office Buildings/Banks	20
Churches/Worship	5
Municipal Buildings	10
Education	60

MELANDER AND MELANDER ARCHITECTS, INC.

800 Lonsdale Building
Duluth, MN 55802
218/727-5044
Established 1971

Donald K. Melander AIA

Firm Personnel by Discipline	
Architectural	2
Other Technical	1
Administrative	2
Total in Firm	5

	Work %
Office Buildings/Banks	5
Retail/Commercial	10
Industrial	5
Medical	3
Churches/Worship	6
Restoration/Preservation	10
Municipal	20
Interior Architecture	17
Solar/Earth Sheltered	2
Education	22

Duluth Water & Gas Dep't, City of Duluth; Service Center at Long Prairie, for Minnesota Power, Duluth; U.S. Army Reserve Center Modernization/Add'n, Duluth; West End Firehall, City of Duluth; Morgan Park Jr. High School Remodeling/Add'n, Duluth; Natural Resources Research Institute, U. of MN-Duluth, MN.

GORDON R. METCALF, ARCHITECT, AIA, LTD.

3030 Harbor Lane N., Suite 232
Plymouth, MN 55441
612/559-1734
Established 1969

Gordon R. Metcalf AIA

Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Housing	80
Industrial	10
Medical	10

Remodeling Moose Lake State Hospital, MN; HUD Housing for White Earth, Leech Lake, and Grand Portage Reservations, MN.

MEYER, SCHERER AND ROCKCASTLE, LTD.

325 Second Avenue North
Minneapolis, MN 55401
612/375-0336
Established 1981

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

Firm Personnel by Discipline	
Architectural	10
Administrative	1
Total in Firm	11

	Work %
Housing	15
Office Buildings/Banks	15
Retail/Commercial	20
Industrial/Manufacturing	15
Restoration/Preservation	10
Municipal Buildings	15
Churches	2
Medical	2
Education	6

St. Anthony Main, Phase IV, Minneapolis, MN; Valspar Corp. Research Center, Minneapolis, MN; Park-Grove Public Library, Cottage Grove, MN; Herman Miller Showroom, Edina, MN; Yale Place Condominiums, Minneapolis, MN; New Prague Dental Clinic, MN.

VAL MICHELSON AND ASSOCIATES, INC.

1821 University Avenue, Suite N-345
St. Paul, MN 55104
612/646-6377
Established 1960

Valerius Michelson FAIA
David P. Bowers AIA
Daniel H. Feidt AIA
Cheryl Lachelt AIA

Firm Personnel by Discipline	
Architectural	7
Total in Firm	7

	Work %
Housing	40
Office Buildings/Banks	20
Restoration/Preservation	10
Municipal Buildings	20
Interior Architecture	10

West 7th Multi-Service Center, St. Paul; Northwestern Bank, interior restoration, Owatonna, MN; Arbor Commons Housing, Minneapolis, MN; Lakeside Village Townhomes, Long Lake, MN; Luther Place Retirees' Condominiums, St. Paul, MN; St. Paul Park Commercial Revitalization, MN.

WILLIAM MILBRATH, ARCHITECT

233A North Main Street
P.O. Box 481
Austin, MN 55912
507/433-7421
Established 1949

William Milbrath	AIA
Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Housing	5
Office Buildings/Banks	10
Churches/Worship	15
Municipal Buildings	65
Solar/Earth Sheltered	5

Fire Station, Austin, MN; The Register, Oelwein, IA; Energy Retrofit, Mower County Courthouse & Law Enforcement Center, Austin, MN; Elevator for Church and School, Lake City, MN

MILLER-DUNWIDDIE-ARCHITECTS, INC.

3600 W. 78th St., Suite 850
Minneapolis, MN 55435
612/831-1211
Established 1963

Foster W. Dunwiddie	AIA
William J. Miller	AIA

Firm Personnel by Discipline	
Architectural	9
Other Technical	2
Administrative	1
Total in Firm	12

	Work %
Office Buildings	35
Retail	10
Industrial	10
Restoration/Preservation	25
Municipal Buildings	25

Stearns County Historical Museum, St. Cloud, MN; James J. Hill House Restoration, St. Paul, MN; Minneapolis City Hall Restoration, MN; In-Flight Kitchen for Northwest Airlines, Wold-Chamberlain Field, MN; Central School Rehab, Grand Rapids, MN; Central Engineering Office Building, St. Anthony Park, MN.

MILLER HANSON WESTERBECK BELL ARCHITECTS INC.

Butler Square, Suite 300
100 North Sixth Street
Minneapolis, MN 55403
612/338-7700
Established 1962

John R. Miller	AIA
James E. Hanson	AIA
Larry W. Westerbeck	AIA
Edwin M. Bell	AIA
Jay Johnson	AIA
Wilton J. Berger	

Firm Personnel by Discipline	
Architectural	31
Planners	2
Other technical	5
Administrative	2
Total in Firm	40

	Work %
Housing	69
Office Buildings/Banks	6
Retail/Commercial	7
Industrial	1
Medical Facilities	3
Restoration/Preservation	10
Municipal Buildings	2
Solar/Earth Sheltered	2

Galtier Plaza, St. Paul, MN; Excelsior Bay Gables, Excelsior, MN; Riverplace, Minneapolis, MN; Walker Methodist Residence, Minneapolis, MN; Butler Square, Minneapolis, MN; Renaissance Square, Minneapolis, MN.

MONSON/UELAND ARCHITECTS, INC.

112 North Third Street
Minneapolis, MN 55401
612/333-4260
Established 1981

D. Jon Monson	AIA
Christopher Ueland	AIA

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

	Work %
Office Building	45
Industrial	40
Churches	5
Restoration/Preservation	10

The Hiddenshores of Crystal Lake, Robbinsdale; Ewald Place, Golden Valley, MN; Brooklyn Park Lutheran Church Addition, MN; Minikahda Warehouse Building, St. Louis Park, MN; Office Building Rehab, So. St. Paul, MN.

ELDON MORRISON ARCHITECTS/INC.

2189 4th St.
White Bear Lake, MN 55110
612/426-3287
Established 1967

Eldon Morrison	AIA
Firm Personnel by Discipline	
Architectural	4½
Administrative	½
Total in Firm	5

	Work %
Housing	25
Office Buildings/Banks	5
Retail/Commercial	10
Industrial/Manufacturing	10
Education	5
Churches/Worship	25
Restoration/Preservation	5
Municipal Buildings	5
Interior Architecture	5
Solar/Earth Sheltered	5

Nationality Cultural Center, St. Paul; Reell Precision Manufacturing, Corporate Headquarters & Manufacturing, Vadnais Heights; Gov. Elmer Andersen Residence, Arden Hills, MN; Spirit of Christ Lutheran Church, Ham Lake, MN; Earth Sheltered/Solar Home, White Bear Lake, MN; School House Restoration to Apartments, Shafer, MN.

GERALD MUNDT ARCHITECTS

4969 Olson Memorial Hwy.
Golden Valley, MN 55422
612/542-8219
Established 1965

Gerald E. Mundt	AIA
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Firm Personnel by Discipline	
Architectural	3
Administrative	1
Total in Firm	4

	Work %
Housing	20
Office Buildings	5
Medical/Health Care	60
Churches/Worship	5
Restoration/Preservation	5
Planning	5

Pondwood Office Park, Golden Valley; Heritage Residence, Hallock, MN; Edendale Elderly Housing, Eden Prairie, MN; Broen Memorial Home, Fergus Falls, MN; McIntosh Manor, MN; Minnesota Valley Community Church, Prior Lake, MN.

ROBERT M. NELSON, ARCHITECT

2589 Fisk Street
Roseville, MN 55113
612/484-9027
Established 1980

Robert M. Nelson	AIA
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Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Housing	10
Office Buildings	5
Retail	20
Industrial/Manufacturing	10
Churches/Worship	25
Education	5
Interiors	10
Solar/Earth Sheltered	5
Project Review	10

Kohler-Mix Specialties Additions, White Bear Lake, MN; Concordia Academy Expansion, Roseville, MN; Minnimal, Peshigo, WI; St. Paul's Lutheran Church Balcony, Fairmont, MN; Contamination Control Corp., Maple Plain, MN; Oriental Restaurant, Fairmont, MN.

THE OSTBERG ARCHITECTS

1191 Niles Avenue
St. Paul, MN 55116
(612) 699-9678
Established 1980

Linda Ostberg	AIA
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Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Housing	30
Office Buildings/Banks	10
Interior Architecture	20
Solar/Earth Sheltered	30
Consulting	10

Solar Addition to Stein Residence, Golden Valley, MN; Schindler Residence, Lino Lakes, MN; Keller Residence, Afton, MN.

THE LEONARD PARKER ASSOCIATES, ARCHITECTS INC.

430 Oak Grove
Minneapolis, MN 55403
612/871-6864
Established 1957

Leonard S. Parker	FAIA
Gary J. Mahaffey	AIA
Francis Bulbulian	AIA
Steve Huh	AIA

Firm Personnel by Discipline	
Architectural	16
Administrative	2
Total in Firm	18

Work %

Housing	5
Office Buildings/Banks	20
Churches/Worship	5
Restoration/Preservation	20
Municipal	5
Solar/Earth Sheltered	5
Education/Academic Buildings	35
Planning	5

University of Minnesota Law School; Gelco International Headquarters, Eden Prairie, MN; Minnesota Public Radio, St. Paul, MN; Humphrey Institute of Public Affairs, U of MN, Minneapolis, MN; Macalaster College Pool Addition and Gym Renovation, St. Paul, MN; Southdale Service Center and Courts Remodeling, Edina, MN.

DON PATES, AIA ARCHITECT

Architect—Planner, Building & Energy Code Consultant
1291 Charlton
West St. Paul, MN 55118
612/457-3974
Established 1982

Don Pates	AIA
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PAULY & OLSEN ASSOCIATES, LTD./ TRAYNOR, HERMANSON & HAHN, LTD.

113 Fifth Avenue South
St. Cloud, MN 56301
612/252-4740
Established 1974

Robert F. Pauly	AIA
Richard A. Olsen	AIA
Gilbert F. Hahn	AIA
Joseph R. Bettendorf	PE
Gale J. Eastwood	PE

Firm Personnel by Discipline	
Architectural	10
Engineering	6
Other Technical	1
Administrative	5
Total in Firm	22

	Work %
Housing	23
Office Buildings/Banks	36
Retail/Commercial	15
Industrial/Manufacturing	5
Medical Facilities	1
Churches/Worship	1
Municipal Buildings	4
Education/Academic Buildings	15

DeZurick Office Addition, Sartell, MN; Viking Coca-Cola Bottling Co., St. Cloud, MN; Northwest Bank, St. Cloud, MN; LaPaz Community Housing, St. Cloud, MN; Drover's Inn, St. Cloud, MN; Renovation of Central School, St. Cloud, MN.

MEARLE EUGENE PETERSON, ARCHITECT AIA

2344 Nicollet Avenue, Suite 120,
Minneapolis, MN 55404
612/870-9595
Established 1971

Mearl Eugene Peterson	AIA
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Work %

Housing	70
Office Buildings/Banks	12
Retail/Commercial	5
Industrial/Manufacturing	2
Restoration/Preservation	5
Interior Architecture	8
Solar/Earth/Sheltered	2

Dr. and Mrs. Paul Polski Residence, Sioux Narrows, Ontario, Canada; Mr. & Mrs. Erwin E. Kelm Condominium Minneapolis, MN; Uracey Office Building, Maplewood, MN; House for Mr. & Mrs. David L. Owen, Lake Minnetonka, MN; Site Development, Uracey Office Building, Maplewood, MN.

PETERSON, CLARK AND ASSOCIATES, INC.

1212 Plymouth Building
Minneapolis, MN 55402
612/333-3215
Established 1960

Wilber B. Clark, Jr.	AIA
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Firm Personnel by Discipline	
Architectural	4
Interior Designer	1
Other Technical	1
Administrative	2
Total in Firm	8

Work %

Housing	10
Office Buildings/Banks	25
Retail/Commercial	5
Municipal Buildings	10
Interior Architecture	10
Education/Academic Buildings	15
Rehab/Maintenance	25
Recreational	10

Minnesota Zoological Garden, Apple Valley, MN; Hyatt Regency Hotel, Minneapolis, MN; NWNL Parking Ramp, Minneapolis, MN; Northwestern Bank Operations Center, Minneapolis, MN; Bolander Office Building, St. Paul, MN; Medicine Lake Regional Park, Plymouth, MN

PIEPER-RICHMOND ARCHITECTS, INC.

200 Northeast Professional Bldg.
120 First St. N.E.
Rochester, MN 55904
507/288-1839
Established 1966

Kenneth C. Pieper	AIA
Robert E. Richmond	AIA

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

Work %

Housing	10
Office Buildings/Banks	5
Retail/Commercial	10
Industrial/Manufacturing	10
Churches/Worship	10
Municipal Buildings	10
Interior Architecture	15
Education/Academic Buildings	10
State and Federal Armories	20

Law Enforcement Center, Rochester, MN; US Army Reserve Center, Wabasha, MN; National Guard Armory, Owatonna, MN; Vehicle Maintenance and Storage Facility, Rochester, MN, Rochester Public Library, MN.

PAUL PINK AND ASSOCIATES

430 Oak Grove, Suite 306
Minneapolis, MN 55403
612/871-5615
Established 1974

Paul Pink	AIA
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Firm Personnel by Discipline	
Architectural	21
Administrative	5
Total in Firm	26

Work %

Commercial	100
Scottie's Restaurant, Minneapolis, MN; Calhoun Square, Minneapolis, MN; Brooklyn Park Sport & Health Club, MN; St. Louis Park Sports & Health Club, MN; Menorah Plaza, St. Louis Park, MN; Winona Mall, Winona, MN.	

PLANNING AND DESIGN INC.

354 Grain Exchange Building
Minneapolis, MN 55415
612/339-4530
Established 1978

Loren D. Hoseck	AIA
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Firm Personnel by Discipline	
Architectural	1
Interior Designers	5
Other Technical	1
Administrative	1
Total in Firm	8

Work %

Interior Architecture	100
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Honeywell, Inc., Corp. Computer Facility, Minneapolis, MN; Honeywell, Residential Division, Minneapolis, MN; Cardiacare Corp., New York, NY; Oppenheimer, Wolff, Foster, Shepard and Donnelly Attorneys, Minneapolis, MN; FBS Mortgage Corp., St. Paul, MN; Data Card, Inc., Minnetonka, MN.

POPE ASSOCIATES INC.

533 St. Clair Avenue
St. Paul, MN 55102
612/291-8894
Established 1975

Robert L. Pope	PE, AIA
Jon R. Pope	AIA
Daniel M. Klecker	

Firm Personnel by Discipline	
Architectural	16
Administrative	4
Total in Firm	20

Work %

Housing	20
Office Buildings/Banks	15
Retail	10
Industrial/Manufacturing	40
Medical Facilities/Health Care	3
Restoration/Preservation	2
Municipal	3
Interior Architecture	2
Education	5

Hoffman Electric/Nu Comp Office Bldg., Roseville, MN; North Ridge Care Center, New Hope, MN; Control Data EMC Lab, Taylors Falls, MN; Chaska Elderly Housing, Chaska, MN; Roseville Office Bldg., MN; Osmonics, Inc. Office and Manufacturing, Minnetonka, MN

PETER RACCHINI AND ASSOCIATES, ARCHITECTS

2150 3rd Street
White Bear Lake, MN 55110
612/429-5376
Established 1963

Peter Racchini	AIA
Firm Personnel by Discipline	
Architectural	2
Total in Firm	2
Work %	
Housing	13
Office Buildings	10
Retail/Commercial	12
Industrial	8
Churches/Worship	5
Municipal Buildings	20
Interiors	7
Education	25

Mille Lacs County Area DAC, Milaca, MN; Christ Evangelical Lutheran Church Addition, North St. Paul, MN; Joyce Office Condominium, Stillwater, MN; Sunnyside Condominium Town Houses, Oak Park Heights, MN; Maplewood Fire Station, MN; Yorkshire Apartment Condominiums, St. Paul, MN.

RAFFERTY, RAFFERTY, MIKUTOWSKI, RONEY & ASSOCIATES, INC.

352 Wacouta
St. Paul, MN 55102
(612) 224-4831
Established 1962

George E. Rafferty	FAIA
Richard J. Rafferty	AIA
Frank Mikutowski	
Craig E. Rafferty	AIA
Craig D. Roney	AIA
Firm Personnel by Discipline	
Architectural	16
Planner	1
Administrative	2
Total in Firm	19
Work %	
Housing	5
Office Buildings/Banks	5
Retail/Commercial	5
Medical/Health Care	15
Churches/Worship	25
Restoration/Preservation	25
Interior Architecture	10

Como Zoo, Large Cat Exhibit and Marine Mammal Building, St. Paul, MN; Union Depot Restoration, St. Paul, MN; St. Elizabeth Seton Church, Carmel, IN; State Office Building, St. Paul, MN; Office Building, Hastings, MN; Church, Boca Raton, FL.

RAMBO LOGAN SLOAT

5100 Thimsen Avenue
Minnetonka, MN 55343
612/474-4109
Established 1976

Logan N. Johnson	
Lynn D. Sloat	AIA
Firm Personnel by Discipline	
Architectural	3
Administrative	1
Total in Firm	4
Work %	
Housing	20
Office Buildings/Banks	20
Retail/Commercial	20
Industrial	5
Medical	25
Interiors	10

Apple Valley Health Care Center, MN; Twin Birch Health Care Center, Spring Park, MN; Mr. L's Restaurant and Club, Sherman, TX; Cambridge Nursing Care, Cambridge, MN; Pool Addition, Super 8 Motel, Wisconsin Dells, WI; Restaurant Interiors, Orlando, FL.

RALPH RAPSON & ASSOCIATES, INC.

1503 Washington Avenue South
Minneapolis, MN 55454
(612) 333-4561
Established 1954

Ralph Rapson	FAIA
Firm Personnel by Discipline	
Architectural	2
Administrative	1½
Total in Firm	3½
Work %	
Housing	35
Office Buildings/Banks	15
Churches/Worship	10
Restoration/Preservation	10
Municipal Buildings	5
Interior Architecture	5
Solar/Earth Sheltered	5
Planning	5
Education/Academic Buildings	10

Cedar Square West, Minneapolis, MN; U. of MN Performing Arts Center, Minneapolis, MN; U. of MN at Morris Performing Arts Center, Morris, MN; Tew Residence, Minneapolis, MN; Recreation Facilities Building, U. of Southern Illinois, Carbondale, IL

REESE DESIGN

Suite 140 E
9100 W. Bloomington Freeway
Bloomington, MN 55431
612/884-1172
Established 1981

Frank L. Reese	AIA
Firm Personnel by Discipline	
Architectural	2
Total in Firm	2
Work %	
Housing	40
Office Buildings/Banks	20
Retail	10
Industrial	10
Medical	10
Churches	10

Pennock Place Cond. Apts, Apple Valley, MN; Willow Grove Shopping Center, Plymouth, MN; West Creek II Office Building, Medina, MN; Woodlane Medical Office Plaza, Woodbury, MN; Fountain Place, St. Paul, MN; Colonial Shopping Center, Plymouth, MN; Meadows Apartments, Chanhassen, MN.

RIEKE CARROLL MULLER ASSOCIATES, INC.

1011 First Street South
P.O. Box 130
Hopkins, MN 55343
612/935-6901
Established 1962

R.C. Robertson	PE
W. Hennemuth	AIA
C. Barger	PE
P. Kaeding	PE
H. Koutsoumbos	PE
R. Roskopf	PE

Firm Personnel by Discipline	
Architectural	7
Engineering	22
Other Technical	15
Administrative	6
Total in Firm	50
Work %	
Housing	30
Office Buildings/Banks	10
Industrial	5
Medical	3
Restoration/Preservation	2
Municipal Buildings	10
Prime Engineering	40

Assumption Nursing Home, Cold Spring, MN, Renaissance Apartments Rehabilitation, Hopkins, MN; Ridgedale Office Center, Minnetonka, MN; City Hall Remodeling, Winthrop, MN; Kwik Sew Manufacturing, Minneapolis, MN; Municipal Building, Cold Spring, MN.

DAVID TODD RUNYAN AND ASSOCIATES, INC.

2412 Valentine Avenue
St. Paul, MN 55108
612/645-2700
Established 1973

David T. Runyan	AIA
Gary J. Vogel	AIA
Firm Personnel by Discipline	
Architectural	5
Interior Designers	1
Administrative	1
Total in Firm	7
Work %	
Housing	25
Office Buildings/Banks	40
Retail/Commercial	15
Industrial	20
Restoration/Preservation	5

Printing Plant and Office for Delux Check Printers, Miami, FL, and Dallas, TX; Burnhaven Mall Remodeling, Burnsville, MN; Medical Data Control Offices, Bloomington, MN; North Park Corporate Center, Arden Hills, MN; Scoville Press Printing Plant, Plymouth, MN.

RUST ARCHITECTS

2179 4th Street
Suite 3-A Avalon Mall
White Bear Lake, MN 55110
612/429-1913
Established 1980

William E. Rust	AIA
Firm Personnel by Discipline	
Architectural	1½
Administrative	½
Total in Firm	2
Work %	
Housing	15
Office Buildings/Banks	10
Retail/Commercial	15
Industrial	10
Medical	10
Churches/Worship	5
Restoration/Preservation	5
Municipal Buildings	1
Interior Architecture	1
Solar/Earth Sheltered	20
Education	8

Avalon Mall, White Bear Lake, MN; St. John's Lutheran Church Addition, Withee, WI; Energy Analysis, Montgomery School District, MN; Wong Residence, Dellwood, MN; Courteau Residence, Centerville, MN; Holter Residence, Vadnais Heights, MN.

**RICHARD SCHWARZ/
NEIL WEBER, INC.**

3601 Park Center Blvd.
Minneapolis, MN 55416
612/925-3542
Established 1970

Richard J. Schwarz	AIA
Neil Weber	

Firm Personnel by Discipline	
Architectural	5
Total in Firm	5

	Work %
Housing	25
Office Buildings/Banks	20
Retail/Commercial	15
Restoration/Preservation	10
Municipal Buildings	15
Solar/Earth Sheltered	15

The Rivers Condominium, St. Paul, MN; Adams Hill Park Building, Richfield, MN; Mankato Municipal Garage Bldg., Mankato, MN; Brooklyn Executive Plaza Office Buildings, Brooklyn Park, MN; Linden Hills Townhouses and Cooperative, Minneapolis, MN; Minnetonka Yacht Club Rehabilitation, Deephaven, MN

**LAWRENCE
SEIBERLICH,
ARCHITECT,
PLANNER, FUTURIST
AFFILIATE OF
CENTRUM**

104 West Franklin Avenue
Minneapolis, MN 55404
612/870-0267
Established 1972

Lawrence Seiberlich	AIA
Total Staff	1

	Work %
Housing	30
Office/Commercial	25
Planning	30
Future Studies	15

Foley Woods Housing Community, Coon Rapids, MN; South Oaks, 1,650 Dwelling Units, Savage, MN; Roseville State Bank, Arden Hills Office, MN; Grand Rapids Central School, Future Studies and Building Analysis, Grand Rapids, MN; Historic Restoration, 461 Fort Road Office Building, St. Paul, MN.

**SESSING ARCHITECTS,
INC.**

424 Hamm Bldg.
St. Paul, MN 55102
612/228-9128
Established 1967

Norman R. Sessing	AIA
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Firm Personnel by Discipline	
Architectural	3
Administrative	1
Total in Firm	4

	Work %
Office Buildings/Banks	30
Industrial/Manufacturing	20
Churches/Worship	40
Municipal Buildings	10

Student Housing, Concordia College, St. Paul, MN, Community of the Cross Lutheran Church, Bloomington, MN; Cambridge Clinic, Cambridge, MN.

**SETTER, LEACH &
LINDSTROM, INC.**

1011 Nicollet Mall
Minneapolis, MN 55403
612/338-8741
Established 1917

A. J. Wilwerding	AIA
Richard Vasatka	PE
Basil Filonowich	AIA
George Theodore	PE
Kaare O. Faber	PE
William Scott	FAIA

Firm Personnel by Discipline	
Architectural	36
Engineering	42
Planners	2
Other Technical	4
Administrative	22
Total in Firm	106

	Work %
Office Buildings/Banks	19
Retail/Commercial	18
Industrial/Manufacturing	30
Medical/Health Care	15
Restoration/Preservation	2
Municipal Buildings	2
Interior Architecture	5
Solar/Earth Sheltered	5
Education/Academic	5
Planning	1

Blake Schools, Mpls., MN; Medical Office Building & Galleria, St. Paul, MN; Target Stores, Inc., various locations nationwide; Coca-Cola Bottling Facility, Eagan, MN; Park Nicollet Medical Center, International Diabetes Center, St. Louis Park, MN; Metropolitan Transit Commission, Corporate Office & Operating Facility, Minneapolis, MN.

**SHANK KLEINEMAN
DEZELAR ARCHITECTS**

1885 University Avenue
St. Paul, MN 55104
612/644-6699
Established 1977

Fred J. Shank	AIA
Steven A. Kleineman	AIA
Gerald G. DeZelar	AIA

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

	Work %
Housing	10
Office Bldgs/Banks	15
Retail/Commercial	10
Industrial/Manufacturing	20
Restoration/Preservation	20
Municipal	20
Interior Architecture	5
Solar/Earth Sheltered	10

Chemical Engineering Center, Economics Laboratory, Inc., Eagan, MN; Margaret Recreation Center and Wilder Recreation Center, St. Paul, MN; Washington County Human Services, Inc., Oakdale, MN; Commercial State Bank Skyway Facility, St. Paul, MN; Iris Park Place Office Building Renovation, St. Paul, MN

**SHEA ARCHITECTS,
INC.**

600 1st Ave. No., Suite 290
Minneapolis, MN 55403
612/339-2257
Established 1978

David A. Shea III	AIA
Steven Haas	

Firm Personnel by Discipline	
Architectural	8
Interior Designers	1
Administrative	2
Total in Firm	11

	Work %
Housing	5
Office Buildings/Banks	25
Retail/Commercial	10
Industrial/Manufacturing	5
Restoration/Preservation	20
Municipal Buildings	5
Interior Architecture	30

F&M Marquette National Bank, Bank remodeling, Minneapolis, MN; Leeann Chin Chinese Cuisine-Restaurant and addition, Plymouth, MN; Investors Diversified Services, Inc.—608 Building, Minneapolis, MN; Fitger Complex Restoration, Duluth, MN; Campbell-Mithun Facilities Planning, Minneapolis, MN; Norwest Bank Facilities Planning, Minneapolis, MN.

**SHELTER RESOURCES,
INC.**

1219 Marquette Avenue South
Minneapolis, MN 55403
612/333-6837
Established 1978

Michael D. Sharratt	AIA
Dale Wenkus	AIA

Firm Personnel by Discipline	
Architectural	5
Administrative	1
Total in Firm	6

	Work %
Housing	40
Office Buildings/Banks	40
Retail/Commercial	10
Industrial/Manufacturing	5
Restoration/Preservation	90
Interior Architecture	5
Solar/Earth Sheltered	100

1201 Marquette Avenue Renovation, Minneapolis, MN; J. S. Elliot Condominiums, Minneapolis, MN; Madison School Renovation and Townhouses; 808 Nicollet Mall Renovation, Minneapolis, MN; Norstan Inc. Office/Warehouse Expansion, Plymouth, MN.

**SIEGER-SVEDBERG/
ARCHITECTS**

1409 Willow Street
Minneapolis, MN 55403
612/874-9490
Established 1974

Vern Svedberg	AIA
Peter Sieger	AIA

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

	Work %
Housing	40
Office Buildings/Banks	10
Retail Commercial	20
Restoration/Preservation	15
Education	5
Municipal Buildings	10

Riverplace, Minneapolis, MN; Hammond Residence, Little Canada, MN; Masonic Temple Renovation, Minneapolis, MN; Chemistry Laboratory Renovation, Smith Hall, U. of MN, Minneapolis, MN.

JOHN E. SIRNY, AIA

681 Lincoln Ave.
St. Paul, MN 55105
612/544-3550
Established 1983

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

	Work %
Offices	20
Retail/Commercial	80

SMILEY GLOTTER ASSOCIATES

1021 LaSalle Avenue
Minneapolis, MN 55403
612/332-1401
Established 1925

Saul C. Smiley	FAIA, RAIC, AHA
Joel H. Glotter	AIA, AHA, AHP
Ralph Y. Laiderman	AIA
Garold R. Nyberg	AIA
Ray Geiger	AIA

Firm Personnel by Discipline	
Architectural	14
Engineering	1
Landscape Architect	1
Interior Designers	4
Planners	1
Administrative	4
Total in Firm	25

	Work %
Housing	3
Office Buildings/Banks	10
Retail/Commercial	5
Medical/Health Care	50
Churches/Worship	2
Restoration/Preservation	5
Municipal Buildings	5
Interior Architecture	10
Education/Academic Bldg.	10

Smith Hall, University of Minnesota, Minneapolis, MN; Eden Prairie Community Center, Eden Prairie, MN; Veterans Administration Hospital, Minneapolis, MN; First National Bank, Oelwein, IA; St. Francis Regional Medical Center, St. Louis Park, MN; Redwing City Hall Renovation, MN; Interior Renovation, First Bank St. Paul, MN.

JOHN SMITH ASSOCIATES

6215 Cambridge Street
St. Louis Park, MN 55416
612/925-3788
Established 1982

John Thomas Smith	AIA
Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Housing	30
Industrial	25
Restoration/Preservation	15
Solar/Earth Sheltered	30

Erickson Lake Home, Longville, MN; Smith/Kuehn Residence, Wayzata, MN; Mini-Max Self Storage, St. Louis Park, MN; Residence at High Tower, Minnetonka, MN; J. T. Smith Residence, Minnetonka, MN.

W. SMITH ARCHITECTS & ENGINEERS

525 Junction Street, P.O. Box 203
Winona, MN 55987
507/452-4196
Established 1954

W. Wayne Smith	AIA
Willard W. Ward	
Firm Personnel by Discipline	
Architectural	3
Other Technical	2
Administrative	1
Total in Firm	6

	Work %
Office Buildings/Banks	10
Industrial	80
Churches	10

Winona Area Technical Institute, Winona, MN; Preston Group Homes, Preston, MN; Iverson Court Homes, Winona, MN; St. Francis de Sales Church, Winthrop, MN; St. Anne's Hospice Remodeling, Winona, MN; Wabasha County Jail Addition, Wabasha, MN.

SMSQ, INC.

(Sovik, Mathre, Sathrum, Quanbeck, Architects & Planners)
205 South Water Street
P.O. Box 390
Northfield, MN 55057
507/645-4461
612/332-8679
Established 1949

Edward A. Sovik	FAIA
Sewell J. Mathre	AIA
Clinton L. Sathrum	AIA
Robert M. Quanbeck	AIA
Terrance J. Schlink	AIA

Firm Personnel by Discipline	
Architectural	9
Landscape Architects	1
Other Technical	3
Administrative	3
Total in Firm	16

	Work %
Housing	15
Office Buildings/Banks	5
Medical/Health Care	5
Churches/Worship	20
Restoration/Renovation	5
Interior Architecture	10
Education/Academic Bldgs	40

Jones-Harrison Home, Minneapolis, MN; St. Olaf College Old Main Restoration, Northfield, MN; Christiansen Hall of Music, St. Olaf College, Northfield, MN; Halenbeck Hall Addition, St. Cloud State University, St. Cloud, MN; Carleton College Library Addition, Northfield, MN; St. Michael's Catholic Church, Sioux Falls, SD.

SMUCKLER CORPORATION

2440 Lorien
Minnetonka, MN 55343
612/545-2000
Established 1978

Jack Smuckler	AIA
Firm Personnel by Discipline	
Architectural	2
Administrative	1
Total in Firm	3

	Work %
Housing	85
Office Buildings	5
Retail	15
Restoration	10

Fingerhut Residence, Minneapolis, MN; Shaver Residence, Eden Prairie, MN; Goodman Residence, Minnetonka, MN; E. W. Blanch Residence, Medina, MN; Minnesota Malting Corporate Office, Cannon Falls, MN; Miller Residence, Minnetonka, MN.

SOUCY ARCHITECTS

230 Manitoba Ave.
Wayzata, MN 55391
612/476-0833
Established 1981

David Soucy	AIA
Firm Personnel by Discipline	
Architectural	1
Total in Firm	1

	Work %
Housing	40
Restoration/Preservation	10
Education/Academic	50

Highlands School Remodeling, Edina, MN; deHoog Residence, Minneapolis, MN; Middleton Residence, Victoria, MN.

THE STAGEBERG PARTNERS, INC.

115 North Fourth Street
Minneapolis, MN 55401
(612) 375-1399
Established 1982

James Stageberg	FAIA
Firm Personnel by Discipline	
Architectural	14
Other technical	1
Administrative	3
Total in Firm	18

	Work %
Housing	30
Office Buildings/Banks	10
Retail/Commercial	5
Medical Facilities	5
Restoration/Preservation	5
Libraries	10
Parking Ramps	20
Education/Academic Buildings	15

Centre Village Parking Ramp, Offices and Condominiums, Minneapolis, MN; Brookdale Hennepin Area Library and Service Center; IBM Rochester, Administration and Research Buildings, Rochester, MN; Loring Way Condominiums, Minneapolis, MN; U. of MN College of Home Economics, St. Paul, MN; Doyle/Ryder Community Education Center, Flint, MI.

D. E. STANIUS & ASSOCIATES, INC.

1831 East 8th Street
Duluth, MN 55812
218/724-8578
Established 1976

Donald E. Stanius	AIA
Firm Personnel by Discipline	
Architectural	6
Total in Firm	6

	Work %
Education/Academic	50
Housing	25
Retail/Commercial	10
Medical	15

Bayfield County Law Enforcement Center, Washburn, WI; Scattered Duplexes, H.R.A., Duluth, MN; Midtowne Manor II High-Rise, H.R.A., Duluth, MN; Western National Bank, Duluth, MN; Marina Townhouses, Washburn, WI; Winterquist/Lincoln School, Esko, MN.

STEGNER-HENDRICKSON

222 Laurel
Brainerd, MN 56401
218/829-2255
Established 1955

L. E. Stegner	AIA
W. C. Hendrickson	AIA, PE

Firm Personnel by Discipline	
Architectural	4
Total in Firm	4

	Work %
Retail/Commercial	10
Restoration/Preservation	10
Education/Academic	80

Rehabilitation of S&L Building, Hutchinson, MN; Addition to Cass Lake High School, MN; Elks Club, Brainerd, MN; 222 Office Building, Brainerd, MN; Wedelstaedt Residence, Gull Lake, MN; Combined Support Maintenance Shops, Camp Ripley, MN; Elementary School, Sartell, MN.

T

DAVID STOVALL ARCHITECT

P.O. Box 178
Excelsior, MN 55331
612/474-8015
Established 1980

David Stovall	AIA
	Work %
Housing	50
Retail/Commercial	50

Interpretive Center and Contact Station, Afton State Park, Afton, MN; Handicap Accessibility Alterations, Westbrook Hall, University of Minnesota, Minneapolis, MN; James Lake House, Lighthouse Point, FL; James Hannah House, Tonka Bay, MN; Braced Timber Frame House, Tonka Bay, MN

SUN 4 HEAT, INC.

11462 Old Bron Road
Minnetonka, MN 55343
612/935-8938
Established 1982

Lonnie M. Anderson	AIA
	Work %
Housing	40
Retail/Commercial	10
Industrial	5
Solar/Earth Sheltered	20
Super Insulated	20
Energy Analysis	5

Afterworks Clothing, Calhoun Square, Mpls., MN; Park Point Condominiums, Mpls., MN; Meier Solar Home, White Bear Lake, MN; Nugent Solar Home, Corcoran, MN; Pipkorn House Addition, Minnetonka, MN; Energy Analysis for Richfield Lutheran Church, MN.

SURI ARCHITECTS, INC.

1150 Benton Way
St. Paul, MN 55112
612/483-6583
Established 1981

Shashi M. Suri	AIA
	Work %
Housing	10
Office Buildings/Banks	20
Retail/Commercial	20
Industrial/Manufacturing	20
Churches/Worship	10
Restoration/Preservation	10
Interiors	10

Northwestern Bell Community Dialing Office, North Branch, MN; Miracle Ear, Yorktown Fashion Mall, Edina, MN; Christ Lutheran Church, St. Paul, MN.

THOMAS AND VECCHI INC.

1518 East Superior Street
Duluth, MN 55812
(218) 724-8802
Established 1971

John Ivey Thomas	AIA
Thomas A. Vecchi	AIA
	Work %
Housing	5
Retail/Commercial	60
Industrial	15
Education	20

Pioneer Hall Convention Center Skywalk System, Duluth; University of Minnesota Health Science Library, Duluth; Koochiching County Courts, Law Enforcement and County Jail; Scolastica Nursing Home; Lake Superior Plaza Office Building, Shops and Underground Parking Garage; DTA Offices, Shops and Bus Garage.

THORBECK & LAMBERT, INC.

1409 Willow Street
Minneapolis, MN 55403
612/871-7979
Established 1969

Duane Thorbeck	FAIA
Robert Lambert	AIA
	Work %
Architectural	4
Other Technical	1
Administrative	2
Total in Firm	7

	Work %
Housing	20
Office Bldgs.	10
Retail/Commercial	10
Municipal Buildings	20
Education/Academic Buildings	30
Other	10

St. Cloud Public Library, St. Cloud, MN; Vinland National Center, Independence, MN; City Services Building, Eden Prairie, MN; Groves Learning Center, Minneapolis, MN; Working Farm at St. Louis Zoo, MO; Atlanta Zoo Renovation, GA.

THORSEN & THORSHOV ASSOCIATES, INC.

1000 Title Insurance Building
Minneapolis, MN 55401
612/339-7671
Established 1957

Willard L. Thorsen	AIA
Roy N. Thorshov	FAIA
William L. Fay	AIA
	Work %
Architectural	5
Administrative	2
Total in Firm	7

	Work %
Housing	5
Office Buildings/Banks	15
Retail/Commercial	40
Restoration/Preservation	5
Municipal Buildings	10
Interior Architecture	2
Solar/Earth Sheltered	3
Education	20

Roseville Public Schools, Roseville, MN; Plymouth City Hall, Plymouth, MN; Basic Medical Sciences Building, University of Minnesota, Duluth, MN; Oliver Hudson Kelley Interpretive Center, Elk River, MN; Burbank Livingston Griggs House Restoration, St. Paul, MN; Norwest Midland Bank Remodeling, Minneapolis, MN; Prince Kuhio Plaza, Hilo, HI

LEE TOLLEFSON ARCHITECTS, INC.

2001 University Avenue S.E.
Minneapolis, MN 55414
612/623-1800
Established 1976

Lee Tollefson	AIA
	Work %
Architectural	1
Administrative	1
Total in Firm	2

	Work %
Housing	40
Office Buildings	35
Retail/Commercial	10
Industrial	5
Restoration/Preservation	5
Solar/Earth Sheltered	5

The Lakes Townhouses, Mpls., MN; 2109 Blaisdell Housing, Mpls., MN; Lamden Executive Park, Maplewood, MN; Douglas and North Professional Office Park, Orlando, FL

TOLTZ, KING, DUVALL, ANDERSON & ASSOCIATES INC.

2500 American National Bank Building
St. Paul, MN 55101
612/292-4400
Established 1910

Duane T. Prew	PE
Wayne A. Olson	AIA
James E. Voyen	PE
DuWayne R. Kasma	PE

	Work %
Architectural	11
Engineering	47
Landscape Architects	1
Interior Designer	1
Planner	1
Other Technical	43
Administrative	16
Total in Firm	120

	Work %
Housing	5
Office Buildings	10
Retail/Commercial	5
Industrial	25
Restoration/Preservation	25
Medical	3
Churches	2
Interiors	2
Solar/Earth Sheltered	3
Municipal Buildings	15
Education	15

Comprehensive Modernization Program, Housing and Community Facilities, Community Development Agency, Minneapolis; Physical Education and Athletic Complex, Gustavus Adolphus College, St. Peter, MN; Pioneer Building Restoration, St. Paul, MN; Aerial Port Training Facility, Minnesota; Air National Guard, Minneapolis, MN; Manufacturing/Process Buildings, IBM Corp., Rochester, MN; New Midway Stadium, St. Paul, MN.

GARY TURPENING & ASSOCIATES, ARCHITECTS & PLANNERS

14500 Burnhaven Dr.
Burnsville, MN 55337
612/435-5354
Established 1982

Gary P. Turpening	AIA
	Work %
Architectural	1
Total in Firm	1

	Work %
Housing	45
Retail/Commercial	10
Industrial/Manufacturing	10
Churches/Worship	10
Restoration/Preservation	15
Education/Academic	10

Pier I, Rochester, MN; Indahl Residence, Lakeville, MN; Addition to Maki Residence, Plymouth, MN; Maintenance Projects, Lakeville Schools, MN; Wendy's Restaurants, Rochester and Columbia Heights, MN.

W

TYSON ASSOCIATES, INC.

711 West Lake Street
Minneapolis, MN 55408
612/827-5484
Established 1977

Jay W. Tyson	AIA
Firm Personnel by Discipline	
Architectural	4
Administrative	1
Total in Firm	5
Work %	
Housing	50
Office Buildings/Banks	30
Interior Architecture	15
Education	15

Addition to Red Cross Building, Minneapolis, MN; Telephone Building, Redwood Falls, MN; Phone Center Stores, Twin Cities, MN; Interior Remodeling Midway Telephone Building; ESS Building for Northwestern Bell, Mpls; 450 Units of Housing Rehab, Sumner Field, Minneapolis, MN; MCDA Administrative Maintenance Building, Minneapolis, MN.

V

WILLIAM A. VIEVERING, ARCHITECT, INC.

1939 Munster Ave.
St. Paul, MN 55116
612/699-1294
Established 1971

Wm. A. Vievering	AIA
Firm Personnel by Discipline	
Architectural	1
Total in Firm	1
Work %	
Housing	40
Office Buildings/Banks	5
Retail/Commercial	10
Medical/Health Care	5
Churches/Worship	15
Restoration/Preservation	5
Municipal Buildings	5
Interior Architecture	5
Solar/Earth Sheltered	5
Education/Academic	5

Five O'Clock Restaurant, Cumberland, WI; Thomas More Retreat Center, Webster, WI; Townhouse Complex, Cumberland, WI; Cumberland Federal Savings & Loan, Cumberland, WI; Jacobson Optometrist Building, Cumberland, WI; First United Methodist Church, Cumberland, WI

THE VOGT CORPORATION

8900 Queen Avenue South
Minneapolis, MN 55431
612/888-4459
Established 1972

Edward J. Vogt	AIA
Firm Personnel by Discipline	
Architectural	3
Administrative	1
Total in Firm	4
Work %	
Housing	15
Office Buildings	15
Retail/Commercial	10
Industrial	10
Restoration/Preservation	15
Municipal Buildings	15
Interior Architecture	5
Solar/Earth Sheltered	5
Education/Academic	10

Miller-Davis Headquarters, Mpls., MN; Hennepin Federal Professional Building, Mpls., MN; Senior Center and City Hall Expansion, Lino Lakes, MN; NSP Hqtrs. Plaza, Mpls. MN; Marigold Foods Hqtrs. Remodeling, St. Paul, MN; U. of MN North Hall Remodeling, St. Paul, MN.

VOIGT & FOURRE, INC. ARCHITECTS

2109 Grand Ave.
St. Paul, MN 55105
612/690-2451
Established 1954

James D. Voigt	AIA
Daniel W. Fourré	AIA
Firm Personnel by Discipline	
Architectural	4
Administrative	1
Total in Firm	5
Work %	
Housing	5
Office Buildings	10
Industrial	5
Medical/Health Care	25
Churches/Worship	55
MN Federal Savings, St. Cloud, MN; St. Stephen's Church, Anoka, MN; St. Paul Business Center, Maplewood, MN	

B. C. WASS ARCHITECT

3632 35th Avenue South
Minneapolis, MN 55406
612/729-5375
Route 1, Box 59
Bigelow, MN 56117
507/376-5750
Established 1982

Brian C. Wass	AIA
Firm Personnel by Discipline	
Architectural	1
Landscape Architect	1/2
Administrative	1/2
Total in Firm	2
Work %	
Housing	25
Retail/Commercial	5
Industrial	30
Churches	10
Solar/Earth Sheltered	10
Consulting	20

Cedar 70 Business Park, Lakeville, MN; Retirement Residence, Bigelow, MN; Okabena Townhouses, Worthington, MN.

WATERS, CLUTS & O'BRIEN, INC.

7470 Market Place Drive
Eden Prairie, MN 55344
612/941-4822
Established 1978

Keith Waters	
Brian Cluts	
Daniel O'Brien	AIA
Firm Personnel by Discipline	
Architectural	7
Administrative	3
Total in Firm	10
Work %	
Housing	20
Office Buildings	20
Retail/Commercial	5
Industrial	5
Medical	20
Construction Management	30

Lutsen Mountain Village—Resort Condominiums and Townhouses; Lake Ridge Office Park—Office Condominiums, Eden Prairie; BurnHaven Atrium Office Building, Burnsville; St. Paul Surgical Center, St. Paul, MN; Eden Prairie Community Church, Eden Prairie, MN; Minneapolis Single Day Surgical Center, MN.

JOHN WEIDT ASSOCIATES, INC.

110 West 2nd Street
Chaska, MN 55318
612/448-6464
Established 1977

John L. Weidt	AIA
Firm Personnel by Discipline	
Architectural	2
Other Technical	1
Administrative	1
Total in Firm	4
Work %	
Energy Consulting	75
Office Buildings	10
Solar/Earth Sheltered	15

Mulligan Residence, Chanhasen, MN; Scheel's Hardware, Billings, MT; Wendy's of Montana, Billings, MT; Commercial Building Renovation, Chaska, MN; Andersen Concept IV, Bayport, MN.

FREDRIC WEMLINGER AND ASSOCIATES, INC.

Box 519
1521 Northway Drive
St. Cloud, MN 56302
612/253-2100
Established 1979

Fredric Wemlinger	AIA
Firm Personnel by Discipline	
Architectural	3
Engineering	1
Other Technical	2
Administrative	1
Total in Firm	7
Work %	
Housing	5
Office Buildings	20
Retail	15
Industrial	15
Medical	5
Churches	5
Restoration/Preservation	10
Municipal Buildings	10
Solar/Earth Sheltered	10
Education/Academic	5

Sherburne County Law Enforcement and Judicial Facility, Elk River, MN; Corporate Office, Bankers Systems Inc., St. Cloud, MN; 1521 Northway Professionals, Condominium Offices, St. Cloud, MN; Vision-Ease Office & Manufacturing Addition, St. Cloud, MN; Computer Concepts and Services, Inc., Office Building, St. Cloud, MN; Palmer Printing, Inc., St. Cloud, MN.

**RICHARD A. WHEELER
AIA, ARCHITECT**

305 Cimarron Road,
Apple Valley, MN 55124
(612) 454-6359
Established 1981

Richard A. Wheeler	AIA
	Work %
Housing	30
Retail/Commercial	45
Industrial	20
Solar/Earth Sheltered	5

Iowa City Holiday Inn, Iowa City, IA; North Star Containers, Brooklyn Park, MN; Weaver Apartments, Coon Rapids, MN; Talonen Residence, Big Lake, MN; NSP Engineering and Construction Department, Monticello, MN.

**WILLIAMS/O'BRIEN
ASSOCIATES, INC.**

45 South Ninth Street
Minneapolis, MN 55402
612/338-8981
Established 1962

Lorenzo D. Williams	FAIA
James W. O'Brien	AIA
Firm Personnel by Discipline	
Architectural	6
Administrative	1
Total in Firm	7

	Work %
Housing	25
Office Buildings	15
Retail/Commercial	15
Industrial	5
Restoration/Preservation	10
Municipal	10
Interior Architecture	5
Solar/Earth Sheltered	5
Education/Academic	10

Consulate Housing, U.S. Dept. of State, Kaduna, Nigeria; Findley Place Housing, Minneapolis, MN; Bridgeplace Office & Condominium Project, Minneapolis, MN; Classroom Lab & Special Purpose Lab Buildings, U of M, Waseca, MN; Child Care Center, Children's Hospital, St. Paul, MN; Learning Resource Centers, University of Minnesota, Waseca and Crookston, MN

**WINSOR/FARICY
ARCHITECTS, INC.**

28 West 5th Street, Suite 375
St. Paul, MN 55102
612/227-0655
Established 1971

Richard Faricy	FAIA
Wayne Winsor	AIA
Thomas Lynch	AIA
Eugene Nelson	AIA
Richard Dykman	AIA
Terry Wobken	AIA

Firm Personnel by Discipline

Architectural	45
Interior Designers	2
Other Technical	4
Administrative	10
Total in Firm	61

	Work %
Housing	20
Office Buildings	25
Commercial/Retail	15
Industrial	20
Restoration/Renovation	5
Municipal Buildings	10
Interior Architecture	5

Landmark Center, St. Paul, MN; Cenex Corporate Headquarters, St. Paul, MN; Bandana Square at Energy Park, St. Paul, MN; Honeywell Solid State Electronic Division, Office/Lab, Minneapolis, MN; McLaren Hill Housing at Energy Park, St. Paul, MN; Dakota County Satellite Court Facility, Eagan, MN.

**WIRTANEN & CLARK
ARCHITECTS INC.**

5217 Wayzata Boulevard
Minneapolis, MN 55416
612/541-9969

113 West Hoover, Suite 106
Mesa, AZ 85202
Established 1981

Michael D. Wirtanen	AIA
W. David Clark	AIA RAIC
Richard J. Larsen	AIA

Firm Personnel by Discipline	
Architectural	6
Planner	1
Administrative	1/2
Total in Firm	7 1/2

	Work %
Housing	20
Office Buildings	20
Retail/Commercial	20
Industrial	10
Medical/Health Care	5
Restoration	5
Churches/Worship	2
Municipal Buildings	3
Interior Architecture	5
Solar/Earth Sheltered	5
Planning	5

Target Stores, Arizona, Colorado, Texas; Plymouth Oaks Office Park, Plymouth, MN; Ridge-dale Office Center, Minnetonka, MN; Common's Shopping Center, Brooklyn Park, MN; Century Hills Townhomes, White Bear Lake, MN; USPFO Office Building, Camp Ripley, Little Falls, MN.

**THE WOLD
ASSOCIATION**

530 Northern Federal Building
St. Paul, MN 55102
612/227-7773
Established 1968

Clark D. Wold	FAIA
Norman L. Glewwe	AIA
Michael S. Cox	AIA
Mikio Kirihara	
Kevin P. Sullivan	AIA

Firm Personnel by Discipline	
Architectural	14
Interior Designers	2
Other Technical	1
Administrative	2
Total in Firm	19

	Work %
Office Buildings	10
Retail/Commercial	5
Industrial	30
Restoration/Preservation	40
Municipal Buildings	10
Interior Architecture	5
Solar/Earth Sheltered	30
Education/Academic	40

Ramsey County Adult Detention Center, St. Paul, MN; Wayzata Schools—District wide renovation project, Plymouth, MN; Hill City School, Hill City, MN; Citizens State Bank, Milaca, MN; Sperry Material Management Center, St. Paul, MN; Pine City Schools, Pine City, MN.

**WOLTERSTORFF
ARCHITECTS, INC.**

9398 Erin Court
St. Paul, MN 55125
612/459-2790
Established 1984

David G. Wolterstorff	AIA
-----------------------	-----

	Work %
Housing	20
Office Buildings	20
Medical	40
Churches	10
Education	10

Christian Community Home, Hudson, WI; Ebenezer Society, Minneapolis, MN; Memorial Hospital, Neillsville, WI; Prairie Manor Nursing Home, Blooming Prairie, MN; College of St. Theresa, Winona, MN; Woodbury United Methodist Church, Woodbury, MN.

**RICHARD F. ZENISEK
ARCHITECT**

1428 West 31st Street
Minneapolis, MN 55408
612/823-0917
Established 1971

Richard F. Zenisek	AIA
	Work %
Housing	40
Office Buildings	40
Retail/Commercial	20

3150 W. Calhoun Condominium, Minneapolis, MN; Clear Springs Townhomes, Minnetonka, MN; X-80 Office Building, Bloomington; Park Place Plaza, St. Louis Park, MN; Yorktown Mall, Edina, MN; Lowry Hill Manor Homes, Minneapolis, MN

**ZUBER ARCHITECTS,
INC.**

800 West 79th Street
Minneapolis, MN 55420
612/884-6204
Established 1976

Jeri E. Zuber	AIA
Wylie Baker	

Firm Personnel by Discipline	
Architectural	2
Total in Firm	2

	Work %
Housing	15
Retail/Commercial	40
Industrial	30
Interiors	15

Afton Court Townhomes, St. Paul, MN; The Dance Center of London, Edina, MN; The Bookstore, Edina, MN; Glencoe Processing Plant, Glencoe, MN; Peters Residence Remodeling, Glencoe, MN; Made in America, Minneapolis, MN.

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 minneapolis, mn 55415

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 400 south fourth street
 minneapolis, mn 55415

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Architect Praises Drywall Craftsmanship

Interior design architects are increasingly depending upon the economy and originality of drywall to complete complicated and difficult interior finishing work, according to a design architect who knows.

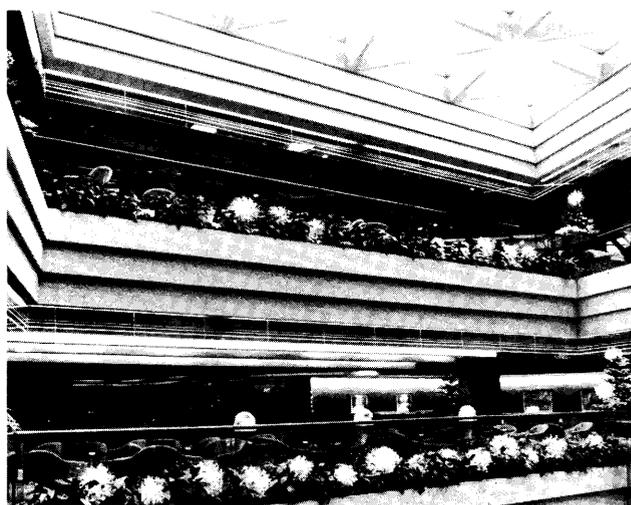


Paul Darrall

"More and more we are seeing drywall used in new, creative ways," said Paul Darrall of Cardenes/Darrall Associates, Inc., Santa Monica, California, who specified extensive, precise drywall finishing work in the luxurious new Amfac Hotel in downtown Minneapolis. "With the right contractor, you can do almost anything you want with drywall."

"It's almost as if we are seeing a return to the skilled craftsmanship of another era, when lath and plaster was a popular building product and could be used in many attractive shapes and forms. But now, skilled craftsmen are able to achieve unusual results through innovative applications of drywall."

"This project is the best work I've seen done by a drywall contractor. It was a real challenge, and everyone walked away with an education."



PROJECT: Amfac Hotel, Minneapolis
ARCHITECT: Skidmore Owings and Merrill
DEVELOPER: Oxford Properties, Inc.

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a proposal, Ralph Rapson, the panel's voice, presented the architectural review to the Trade Center Commission.

The tension in the State Office Building auditorium that day was palpable. With two days to go, the original eight proposals had shrunk to five. One of the five, that of Pei Property Development for the Milwaukee Road Depot site in Minneapolis, was questionable, since property negotiations with owner Harry Wirth had not proved fruitful. Pei's proposal, designed by his father's architectural firm, I. M. Pei and Partners, was the wild card in the deck that seemed stacked toward St. Paul. While the city of St. Paul and Oxford Development presented a joint proposal, Minneapolis support was split among three competing developments—the city-endorsed Heritage Landing, Robert Boisclair's East Bank site, and Pei's Milwaukee Depot.

Rapson presented the panel's conclusions in a low, unvarying voice that belied the impact of his words. The Boisclair Company's proposal for the Minneapolis riverfront, the panel concluded, "has many good points: The 'urban village' concept is appropriate; the location is good; the south view of the river and city is splendid. But the tower is a 'Gothic mockery', the color and material not necessarily appropriate."

Oxford Development Company's proposal for downtown St. Paul "received good to high marks. There is concern that the tower may be a little too flamboyant for its setting. The concept of relating to the State Capitol is admirable, although the visual connection may be hindered by buildings to the north. In all, a strong urban design and architectural concept."

Glacier Park Company's submittal for Heritage Landing, on the Hennepin Avenue bridgehead (endorsed by the city of Minneapolis) "has a site close to the business district, but its connection to it is unresolved. Although the twin towers are a strong visual symbol, the rigid adherence to historic symbolism deprives the concept of flexibility in space planning and architectural design."

Of the Airport World Trade Center proposal by Robert Muir Company of Bloomington, the panel said, "The design does not address the potential of the site, which has great convenience and 'superior views. But the design concept has an introverted configuration typical of suburban office and shopping center developments."

The Pei proposal for the Milwaukee Road Depot site "has the highest potential of all the sites. While the design



Bob Hede, left, new technical representative for the Minnesota Lathing and Plastering Bureau, chats with Clint Fladland, executive director.

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leaves much to the imagination, the variety of spaces and forms holds strong potential. The office cluster is, rather unfortunately, physically and visually cut off from the river by the old mill buildings."

The sense of the statements was clear but so understated that it took some time for the commission—and the audience—to absorb them. "How could Heritage Landing improve its accessibility? How could Pei make the link to the river? How could Muir take advantage of the views?" commissioners asked the panel. "It's not our charge to tell the architects how to 'fix' their designs, but to evaluate what was presented," was Rapson's reply. "Which of the proposals would really be landmark structures?" commission chairman Richard Nolan asked. "Now you're almost asking us the question you asked us not to answer," Rapson responded. "But in my personal view, Pei has a unique landmark quality."

A day later, just hours before the decision was to be made, Pei Property withdrew from the competition, unable to secure ownership of the site. On Friday, January 27, the commission selected St. Paul's ready-to-go proposal for the Minnesota World Trade Center.

Clearly, as the commissioners' questions revealed, the architectural review was taken seriously. In a competition structured to create a landmark building, architecture had strong weight in the decision from the beginning. The work of the architectural panel ensured that that decision was an informed one.

Should the panel have ranked proposals? "I felt strongly, at first, that we should rank," said Rapson later. "But now I feel our comments were more powerful without ranking." With architecture guaranteed a hefty weight in the decision, a one-two-three ranking on design alone would only have added tension between the questions: which is best designed and which can be achieved?

How large did the architecture of the proposals loom in the political decision-making? "The architectural evaluation could not make a project," concludes commission chairman Nolan, "but it could easily have doomed a project. I can't imagine the commission choosing a project unless it got good to high marks on the architectural review." "I had misgivings all along about how seriously the commission would take our comments," said panelist Elizabeth Close. "But clearly they paid attention."

John Kari, acting director of the commission, evaluated the panel's impact. "You need a group with great credibility to have an impact on a decision-making body. The panel had great

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credibility. Here, five architects, each with a different perspective, all came to consensus." With no apparent divisions or hierarchy, the panel projected an aura of authority.

Is the World Trade Center architectural review panel a precedent for other public projects? "It's a beautiful example," concludes panelist Bernard Jacob. "The state should use it for other selection processes—the race track, the convention center." Chairman Nolan agrees, "Other bodies would be well advised to use this process."

And what about future involvement in the design of the Minnesota trade center in St. Paul. "Insofar as I am involved in the future, I would like to see a continued involvement of the panel," said Nolan. (The future role of both the commission and the panel remains unresolved.)

"Just to know that someone is concerned with design should be a comfort to the commissioners," Rapson speculated.

To ensure that the landmark World Trade Center in St. Paul is the best it can be, architectural review should continue. And similar panels should be involved in other public selection processes. As panelist Pete Williams noted, "The political community is more responsible for design than the profession in many cases. Any project of this magnitude deserves a professional assessment."

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news briefs

Continued from page 5

Center, served on numerous national awards juries, as well as on committees and boards of the Minnesota Society of Architects and civic groups. Thompson was one of the founding members of the Community Design Center of Minnesota.

Duane Thorbeck, of InterDesign, Inc., has also combined architectural practice and teaching. His firm, which includes landscape architects, graphic designers and financial planners as well as architects, has been responsible for some of the most innovative design projects in the area, among them the Minnesota Zoological Garden and Vinland National Center. A professor in the School of Architecture, Thorbeck organized the first multi-disciplinary design studio to bring together architecture, landscape architecture and interior design teachers and students.

A member of the Committee on Urban Environment and vice-chair of the Minneapolis City Hall-Courthouse Committee, Thorbeck has combined service to the community with service to the profession. Past president of the Minneapolis Chapter, he is now president-elect of the Minnesota Society of Architects.

William W. Scott's architectural career has been marked by a long-standing involvement in historic preservation in Minnesota. After restoring a dilapidated 1857 Greek Revival house in Taylors Falls, Minnesota, Scott led efforts to have the surrounding 19th century Angels Hill neighborhood declared a state and national historic district. He was instrumental in the passage of state legislation enabling communities to establish Heritage Preservation Commissions. He has been a member of the Committee on Urban Environment, the Minneapolis Heritage Preservation Commission, which he chaired from 1976 to 1979, and the Historic Resources Committee of the Minnesota Society of Architects. He chaired the review committee for St. Paul's Irvine Park Historic District for ten years. Other preservation activities include involvement in the Preservation Alliance of Minnesota, the Minnesota Chapter of the Society of Architectural Historians, Friends of the Northwest Architectural Archives, and the 1006 Society for the restoration of the Governor's Residence. Scott's active and enthusiastic contributions to the awareness and preservation of the state's historic resources earned him recognition by the Minnesota Society of Architects in 1977 as "Mr. Preservation."

Housing's future explored

The Minneapolis College of Art and Design is offering a series of six lectures on "The Future of Housing" Thursday evenings beginning March 29th through June 6th.

Noted guest speakers will discuss today's dramatic changes in the relationship between home, neighborhood and work. Delores Hayden, Associate professor of Urban Planning at UCLA will speak on issues informing her new book *Redesigning the American Dream: The Future of Housing, Work, and Family Life*. Judith Martin of the University of Minnesota will talk about the "liveability" of neighborhoods, and their links to historical artifacts, citing examples from Twin Cities neighborhoods. Michael Pittas, Director of the Design Arts Program of the National Endowment for the Arts will address the topic "The Design Imperative: A New Visionary Architecture."

On the practical side of the vision, Jim Solem, Executive Director of the Minnesota Housing Finance Agency will discuss housing finance and the need to reduce cost through design and construction innovation. Architects Brad Hokanson and Robert Lunning of Hokanson/Lunning Associates, Inc. and teachers at MCAD will show examples

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Scene of church demolition at 1205 University Ave. S.E., Mpls. on February 25, 1984.

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Commencing March 20, 1984, these beautiful church artifacts and appointments will be available for inspection. Please call for time of appointment to inspect.



Photo: Minneapolis Star & Tribune

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of their recent work and talk about their approach to small-scale housing developments.

Minneapolis architect and teacher Milo H. Thompson will lead a panel discussion on state-of-the-art housing design in the Twin Cities.

The series will close with a symposium by the jury for *A New American House* architectural design competition following its selection of the competition winners.

For additional information about the series call MCAD at (612) 870-3065.

Gordon Parks' photography presented

A retrospective exhibit of over 170 photographs by Gordon Parks, long-time award winning staff photographer for *Life* magazine, will open in March at the Minnesota Museum of Art in Landmark Center in St. Paul. The retrospective spans four decades of his work on subjects ranging from the civil rights movement and the Black Muslims, to Paris fashions and portraits of artists and celebrities. A number of large, color photographs, his latest venture in the art, will also be shown.

The multi-talented Parks, who is also a poet, novelist, film director, and composer, was born in 1912 to a poor farm family in Fort Scott, Kansas. He became

interested in photography while working on the railroad after eking out a living playing the piano and working as a busboy in the Twin Cities. In 1941, he won a Julius Rosenwald Fellowship and later went to study photography under Roy Stryker at the Farm Security Administration. He worked with pho-



Photo: Gordon Parks/Courtesy Minnesota Museum of Art

tographers Dorothea Lange, Walker Evans, Russell Lee and Ben Shahn as he traveled throughout the country, photographing "the face of America" as the Great Depression drew to a close. In 1949, *Life* magazine offered him a full-time position and he became one of the magazine's most versatile and talented photographers.

The exhibition, organized by the Ulrich Museum of Art at Wichita State University is the first touring exhibi-

tion of the work of the outstanding black photographer. It will run through April 22. For more information call (612) 292-4343.

Nation's planners to view Twin Cities

A special focus on Canada and on computers will mark the American Planning Association's National Conference, to be held May 5-9 in the Twin Cities. More than 2,000 delegates are expected.

The "D'Entre Amis/Between Friends" theme demonstrates the American Planning Association's goal of strengthening ties with Canadian planners. Conference sessions on investment in American cities, metropolitan and regional government, citizen participation design review and competitions, and acid rain will expand the perspective of conference participants from both countries. Next year the APA conference will be held in Montreal.

The session on computers and telecommunications will explore how computers and telecommunications can be used in planning. A computer fair will offer real-life demonstrations and exhibits.

In addition to the theme sessions, a five-day series of mobile workshops will enable conference participants to ex-

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perience the fruits of planning efforts in the Twin Cities. The workshop topics span the range of planning interests: small city redevelopment, urban wildlife management, agricultural enterprise, the livable winter city, neighborhood improvement, downtown and riverfront development, and skyways, to name a few. One of the workshops is truly mobile—a bike tour of the Minneapolis parkways.

Other conference events include the annual Alfred Bettman Symposium on managing water resources, American Institute of Certified Planners short courses, the APA Job Market, special events tours, and an evening dinner in a Twin Cities home.

For more information about the conference, contact Alan Lovejoy, St. Paul Department of Planning and Economic Development, St. Paul, Minnesota 55104 (612) 292-1577, or write the American Planning Association, National Planning Conference, Box 94343, Chicago, Illinois 60690.

Art for the state

Under a new Minnesota law, public buildings will receive state-commissioned art work. The first projects to implement the 1983 Minnesota Percent for Art law have been chosen, and a nation-wide search for artists is un-

derway. The projects are: renovation of the State Office Building in the State Capitol complex, the new women's prison in Shakopee, the Department of Transportation Office Building in Golden Valley, and Split Rock and Rum River highway rest areas. Up to one percent of the building cost will be earmarked for art.

This spring, a blue ribbon selection committee is expected to recommend artists for the State Office Building and women's prison. The committee includes Mildred Friedman, Curator of Design, Walker Art Center; Patricia Fuller, Executive Director, Art in Public Places, Miami, Florida; Representative Phyllis Kahn, Minneapolis, author of the Minnesota Percent for Arts law; Dale Mulfinger, University of Minnesota School of Architecture; and George Trakas, artist, New York City. A representative of the building architects, Rafferty, Rafferty, Mikutowski and Roney, will be a non-voting member of the panel. In addition to choosing the artists, the selection committee will determine the number of art works and the amount of each commission.

Artists are requested to submit resumés and up to twenty slides of their work for consideration by the committee. Submissions for the State Office Building and women's prison are

due by March 15; submissions for future projects must be received by April 15. For further information contact John Maliga, Percent for Arts Coordinator, Minnesota State Arts Board, 432 Summit Avenue, St. Paul, Minnesota 55102 (612) 297-3371.

Moving toward a convention center

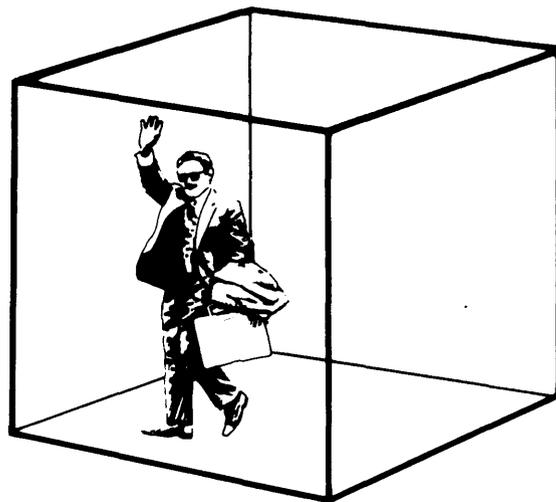
The city of Minneapolis is developing plans for a major convention center. Minneapolis architectural firm Setter, Leach, and Lindstrom, Inc. has been hired to analyze the feasibility of improving and expanding the present auditorium at 1403 Stevens Avenue or building a new convention hall at 10th Street and Hennepin Avenue. The present auditorium has a 100,000-square-foot exhibit hall, while other cities competing for the same conventions can offer up to 300,000 square feet. The study will be completed March 20.

Minnesota Governor Rudy Perpich has also announced the appointment of a state commission to consider a convention center for the state.

Architectural writing awarded

The Minnesota Architectural Foundation's first annual Communicator's

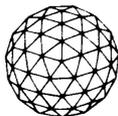
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Award was presented to architect Bernard Jacob of Bernard Jacob, Inc. for his architectural column "Looking at Architecture," formerly carried in the *Minneapolis Star and Tribune*. The *Star and Tribune* was acknowledged for its publication of the column. The Architectural Foundation, an arm of the Minnesota Society of Architects, was established to further the public's understanding and appreciation of the built environment.

A potpourri of architectural history

The Society of Architectural Historians will be discussing everything from stained glass in American architecture to architecture and its relationship to literature when they meet for their 37th annual meeting at the Amfac Hotel in Minneapolis, April 25-29, 1984. Among the many notable speakers are Michael Conforti, Minneapolis Institute of Arts, Marc Treib, University of California-Berkeley and Martin Filler, New York City. The program also includes bus tours to important historic buildings including the work of Louis Sullivan, Frank Lloyd Wright, Purcell and Elmslie, and Cass Gilbert. For more information write SAH, 1700 Walnut Street, Suite 716, Philadelphia, Pennsylvania 19103-6085 (215) 735-0224.

Designers to meet

Interior designers and suppliers will converge in the Minneapolis auditorium and convention hall on April 13 and 14 when the American Society of Interior Designers sponsors its 27th annual Designer Saturday Trade Show. Professionals in the field will view a wide variety of products ranging from furniture to lighting fixture to textiles at over 200 booths. Among the keynote speakers elaborating on this year's theme "Communicate/Participate" are Pat Miles of WCCO-TV and Jerry Allen, President of Criteria Architects, Inc. and Chairman of Visual Studies at the Minneapolis College of Art and Design. Other special events include a guided bus tour of Scottie's Restaurant and the new Renaissance Center on Minneapolis Nicollet Mall, a booth design competition, and a soft sculpture helium balloon contest. For more information on registration, exhibitor booths or special events contact Vaike Radamus at 925-7557.

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Entry deadline is March 31. Registration information may be obtained through WIDI, P.O. 1803, Ross, California 94957 (415) 457-8596.

International design debated

The exchange of experiences and information about design has become an international process. Professional practitioners and observers will explore the ramifications of the internationalization of design at the fourth annual PDC 2 International Contract Furniture Design Symposium during West Week '84. Presented by the PDC2 Contract Manufacturers Association, the event, entitled "Gateway to the World", will be held at the Pacific Design Center in Los Angeles March 22-24.

Among the featured speakers are Ralph Caplan, journalist and author of *By Design*; Suzanne Slesin, assistant editor of the Home Section of *The New York Times*; Bruce Graham, FAIA, part-

ner in charge of design, SOM, Chicago; J. Stewart Johnson, curator of design, the Museum of Modern Art, New York; and Wolf Von Eckardt, design critic for *Time* magazine. The thirty member companies of PDC 2 will also feature their new products in the 1984 West Week contract market.

For more information write Judi Skalsky, Symposium Director, 635 Westbourne Drive, Los Angeles, California 90069 or call (213) 854-6307.

Culture and design, North American style

Canada, Mexico and the U.S. share a continent yet each has its own unique identity shaped in large part by the images and symbols developed by its designers. Examining the cultural, social and political differences of these three countries and their effects on design is the object of the 34th International Design Conference in Aspen, Colorado, June 17-22, 1984.

The program will include seminars, panel discussions and exhibits on such topics as mass media and communication, transculturalism, borders, migration and population, and the economics of interdependence. In addition, outstanding films and video presentations from each country will be featured including the work of Luis Bun-

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The International Design Conference in Aspen is the world's major forum for design. It is annually attended by over 1,000 conferees from all fields of design—architecture, industrial design, graphic arts, urban design and planning, and film as well as social science, business and communications.

For further information on the 1984 conference contact IDCA, Box 664, Aspen, Colorado 81612 (303) 925-2257.

What's up in real estate for 1984

"For real estate, 1983 was like having poison ivy, measles and the chicken pox at once. It was something to get over," said Kenneth Sandstad, Vice-President of Coldwell Banker, Inc. as he opened the company's annual real estate forecast breakfast in February. 1984 will bring a stronger market, the breakfast speakers predicted, but one characterized by volatile change.

The downtown office market, for instance, will be more sophisticated—and more speculative. While past downtown developments were carefully timed to avoid glutting the market and were generally pre-leased, four major new projects will bring two mil-

lion square feet of office space on line in the next twelve months. Only 750,000 square feet will be pre-leased. And Coldwell Banker predicts the announcement of two major additional downtown projects this year. The high vacancy rate (projected at 14 to 16 percent at the beginning of 1985) will lead to many office relocations as tenants negotiate favorable leases with eager owners.

St. Paul will also see increased competition, with the new Amhoist tower completed. Rents will stay depressed, at nine to twelve dollars per square foot, five dollars below a break-even rate. The World Trade Center will have to lure tenants away from present locations with substantial rent subsidies.

Competition for overbuilt office space in the suburbs will give the edge to well located projects with good rent and many amenities: park-like settings, conference and banking facilities, fitness and health clubs.

In industrial real estate, space requirements are changing as the economy shifts from heavy manufacturing to service and research and development. Plant closings and consolidations have created vacant industrial space in the Twin Cities equalling 329 acres. Some of these properties, particularly larger ones, are functionally obsolete and need creative conversion

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to new uses. The major opportunity for new industrial development will be the incubator or "high-tech" office buildings which can lure tenants from traditional space. Also in commercial and retail development, the major growth will come from the most innovative sector of the economy—off-price retail stores, which are expected to capture 25 percent of the retail market by 1985.

Brewery revived

The historic Fitger Brewery will become a major tourist attraction for Duluth, Minnesota, when its \$11.5 million renovation is completed. Construction began in February to turn the 1885

brewery into a multiple-use commercial development. It will include a 47-room inn, 250-seat restaurant and conference banquet facility with a lakeside pub, and restaurants and retail shops. A multi-media audio-visual center will feature a special film on Lake Superior called "Spirit of the North." A brewery museum and operating micro-brewery will open in the building's lakeside cellar and again offer the Fitger label. The Fitger Brewery company, which at one time brewed over 100,000 barrels a year, closed in 1972.

Developers for the project are the Brewery Limited Partnership. The architects are Shea Architects, Inc. of Minneapolis.



Fitger Brewery Renovation, Shea Architects, Inc.

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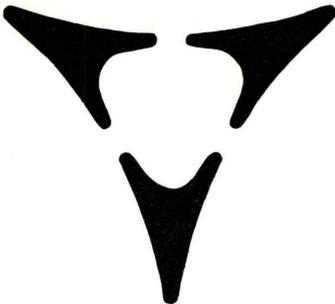
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Designers compete

The American Society of Interior Designers is sponsoring and co-sponsoring a number of competitions. First on the list is the Project Awards Program open to professional and associate members for outstanding interior design projects in three categories—business, residential and historic preservation/adaptive reuse. Another competition, the Society's International Product Awards, includes, but is not limited to, entries in a number of categories: furniture, textiles, lighting, floor covering, wall or ceiling coverings, and accessories.

ASID is conducting seven additional competitions in cooperation with member firms of the ASID Industry Foundation, providing a unique opportunity for interior designers and manufacturers to showcase the best in design and products. These awards programs include the Edward Fields wool rug design competition, the Halo/SPI lighting competition, the Wilsonart decorative laminate competition, the Victrex wallcovering competition, the Diller Corporation national laminate competition, and the Curtis Mathes home entertainment interior design competition.

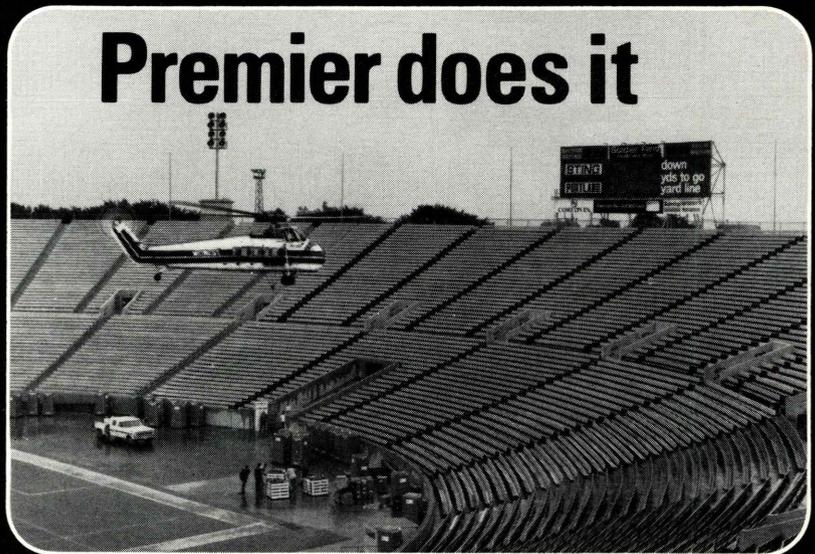
For registration information and entry deadlines contact ASID National Headquarters, 1430 Broadway, New York, New York 10018 (212) 944-9220.

Planners take on Mother Nature

"Urban terrain, with its sharp bluffs and canyons created by buildings, is by far the most complicated on earth," according to Charles Thurow in a recently published American Planning Association report, *Improving Street Climate through Urban Design*. Urban wind, heat, and precipitation are the subjects of the report, and findings indicate that weather problems such as muggy days, gusty winds, and periodic flooding can be eased by current planning techniques. For example, planners are now studying the weak wind patterns around cities, usually out of the east, when making industrial site decisions. Research has found these patterns more responsible for pollution episodes than the prevailing winds from the west. The report also shows that limiting development along rivers or parks creates corridors for clean air to get into a city, and highrise buildings grouped in a pyramidal shape in a city center will cause better air circulation

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than a line of highrises at the city's edge. Problems associated with heat—fog, pollution, haze—can be offset by widening streets, using radial street patterns, and increasing underground parking. The study includes an account of the Climate Project begun in Dayton, Ohio, in 1976, which is modeled on a project in Stuttgart, Germany, designed to test a broad range of low technology means for improving weather quality. Copies of the report are available from APA's Planners Bookstore, American Planning Association, 1313 E. 60th St., Chicago, Illinois 60637. \$18.00 includes postage and handling.

Architecture stars

Architecture is the star of the show in several new documentary films covering a broad range of ideas related to the art and profession. "Beyond Utopia: Changing Attitudes in American Architecture," a Michael Blackwood production, focuses on the work and ideas of five architects—Robert Venturi, Denise Scott Brown, Michael Graves, Frank Gehry and Peter Eisenman. Now in the mature phases of their careers, these architects and their work represent several of the major currents in American architecture today. Philip

Johnson, who helped establish Modernism in America more than fifty years ago and who is now considered the father of Post-Modernism, appears as commentator. The film illustrates alternatives to the idiom of glass and steel that locked cities into a grid of anonymous boxes.

"Understanding Cities," a series of five films from the Urban Land Institute, was produced by Urban Productions in conjunction with Edmund Bacon, widely recognized architect, planner, and author. The series emphasizes the importance of historic and contemporary ideas that enable cities to use fewer resources while becoming more humane and habitable. The films in the series, "Rome: Impact of an Idea," "Paris: Living Space," "John Nash and London," "The American Urban Experience," and "The City of the Future," show how limitations of money, energy, time, and space were manipulated to create innovative design and fine urban environments.

The films can be purchased or rented from Michael Blackwood Productions, Inc., 251 West 57th Street, New York, New York 10019 (212) 247-4710, and Films, Inc., 733 Green Bay Road, Wilmette, Illinois 60091 (800) 323-4222.

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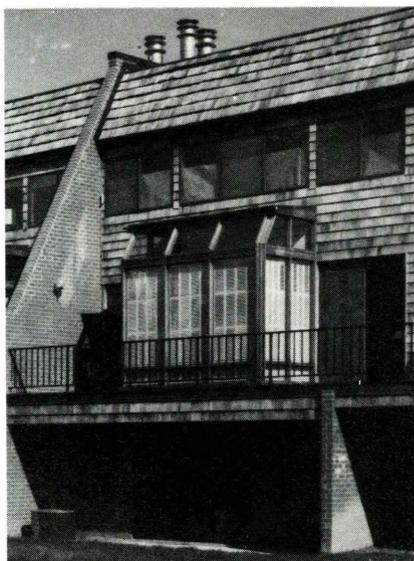
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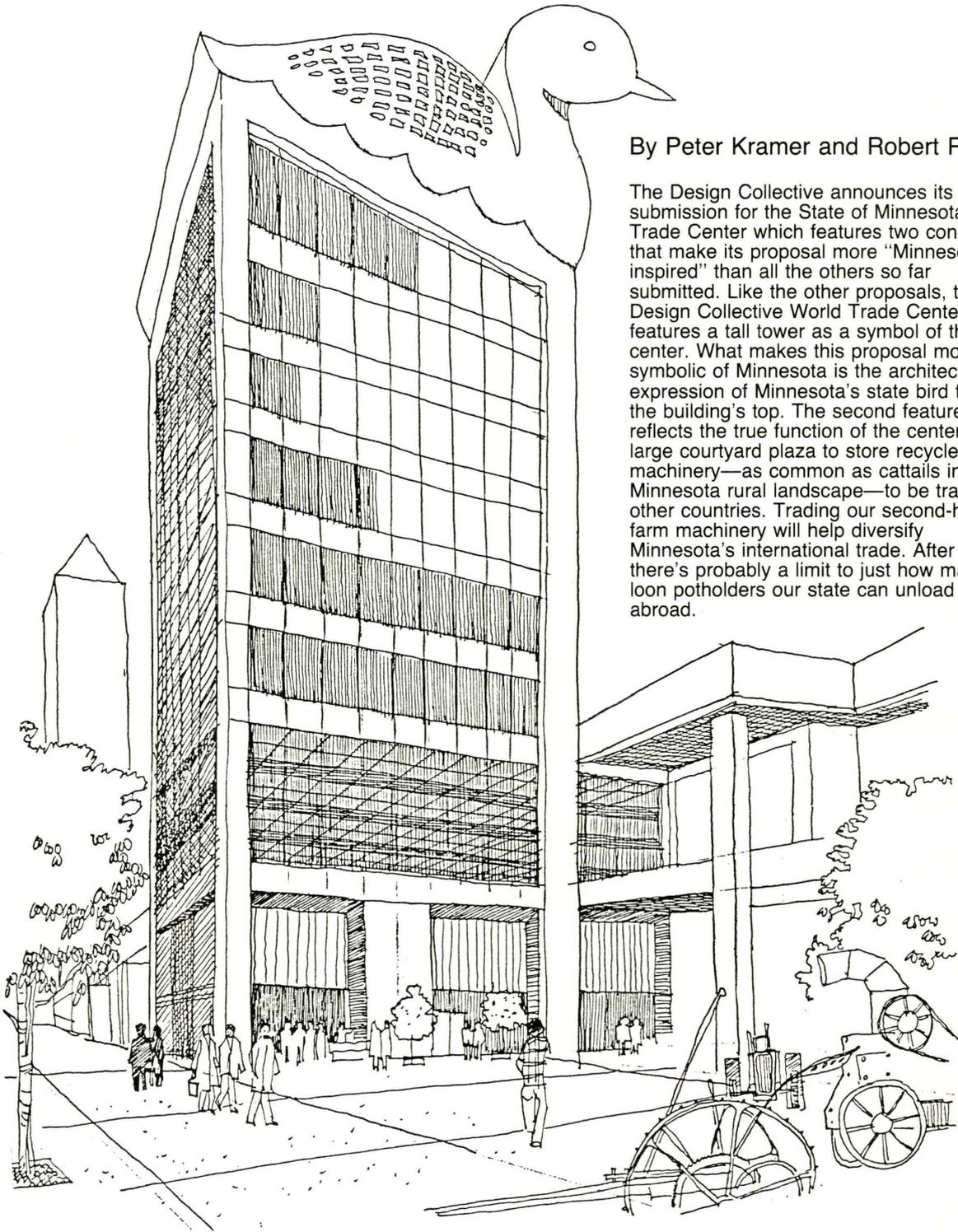
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What could be loonier than the Design Collective's plans for the World Trade Center?



By Peter Kramer and Robert Roscoe

The Design Collective announces its submission for the State of Minnesota World Trade Center which features two concepts that make its proposal more "Minnesota-inspired" than all the others so far submitted. Like the other proposals, the Design Collective World Trade Center features a tall tower as a symbol of the center. What makes this proposal more symbolic of Minnesota is the architectural expression of Minnesota's state bird to form the building's top. The second feature reflects the true function of the center, a large courtyard plaza to store recycled farm machinery—as common as cattails in our Minnesota rural landscape—to be traded to other countries. Trading our second-hand farm machinery will help diversify Minnesota's international trade. After all, there's probably a limit to just how many loon potholders our state can unload abroad.