Wisconsin Society of Architects
May/June 1993

AIA LIBRARY & ARCHIVES
1735 New York Ave., N.W.
Washington, D.C. 20006

MAY 24 1993

Young Practitioners Forum
Residential Projects
Interior and Landscape Architecture
Each year, thousands of apprentices and journeymen receive training from IMI. Training in brick and block laying, tile setting, stone and marble masonry, cement masonry, maintenance and restoration, terrazzo and mosaic work, and plastering. Our courses conform to the ever-changing demands of the marketplace while maintaining craft standards. Through their work with union contractors, our apprentices and trainees gain valuable experience. The kind of experience that allows them to offer the ultimate craftsmanship in masonry.

Union craftsmanship.

International Masonry Institute.

Wisconsin Area.

Building the best in Wisconsin.

Union Craftsmen and Contractors.

The best hands in the business.

IMI is a labor/management trust fund of the International Union of Bricklayers and Allied Craftsmen and the contractors who employ the Union’s members in the US and Canada. To learn more, call 1-800-438-4751. © 1993, IMI.
We've got an entire showroom full of beautiful Marvin wood windows and doors. So we can show you first hand what made-to-order Marvin products can do for your project. And our staff is prepared to assist you from beginning to end, with free advice and information. See our showroom today.
DUMBWAITERS AND ELEVATORS

...BUY FACTORY DIRECT AND SAVE $$$$$!

THAT’S RIGHT, WAUPACA IS SELLING DIRECT IN THE STATE OF:

WISCONSIN!

WE INVITE YOU TO CALL, FAX OR MAIL YOUR SPECIFICATIONS DIRECTLY TO OUR PLANT FOR OUR 4-COLOR BROCHURES AND A FAST, COURTEOUS QUOTATION...

THERE ARE SEVERAL GOOD REASONS FOR YOUR BUYING DIRECT...

1) OBVIOUSLY, YOUR PRICE IS BETTER!
2) WECO’S INSTALLATION TEAM IS TOPS!
3) SERVICE IS RIGHT AROUND THE CORNER!

CALL 1-800-261-0007 NOW!

FAX 1-715-258-5004

WAUPACA ELEVATOR COMPANY, INC.
WISCONSIN SALES & SERVICE
PO BOX 246, WAUPACA, WI 54981
Wisconsin Society of Architects
American Institute of Architects
May/June 1993

WISCONSIN

Architect

Features

9 Young Practitioners Forum
18 Award-Winning Landscape Design
21 Maynard W. Meyer, FAIA
23 Planning Bristol: A Gateway to Wisconsin
Patrick Meehan, AIA
27 Unplanned Look in Site Development

Projects

29 River Run Retirement Community
Schuett Erdman Associates
30 Residence on an Island
Reimar F. Frank, AIA Architect
31 Knodel Residence
Robak Associates
32 Lakeshore Towers
Torke/Wirth/Pujara, Ltd.
35 Lakeside Residence
D. Thomas Kincaid, Architect, AIA
36 Private Residence
Sunarc Studio
38 Private Residence
Robak Associates, Inc.
39 Private Residence
Sunarc Studio
40 Private Residence
PACE Architects

Departments

7 Guidelines
49 FYI
51 Forum
53 Society News
56 Marketplace
57 Advertiser Index

Cover: Private Residence, Lake Geneva, Wisconsin
Architect: D. Thomas Kincaid, Architect, AIA
Photographer: Eric Oxendorf

The Excitement is Building!
Who will be declared the "Best Of Show" in this year's W.C.M.A. Fifth Annual "Excellence In Masonry" Design Competition?

See For Yourself!
Join us for the Awards Breakfast on May 26th at 8:00 A.M.*. We'll be displaying the exciting work of 8 finalists and announcing the winner!

You Could Win!
You could be a winner, too! One lucky architect attending the breakfast will win a one week trip for 2 to Cancun, Mexico, including a tour to the Mayan ruins at Tulum to experience construction in one of its earliest forms... courtesy of W.C.M.A.

See Us At Booth 232!
Talk with W.C.M.A. representatives about the new Wisconsin Multi-Family Dwelling Code regarding 2-hour fire separations. Discover why masonry is the superior choice for tenant safety without having to sacrifice aesthetic or design elements.

See you at W.S.A.!

*Please call: 1-800-722-4228 to make your breakfast reservations on or before, May 20th.

When it comes to great fabrication our reputation is stainless.

Our reputation is stainless by design. We're the Sheet Metal Contractors of Milwaukee, whose shining products are seen all over the city, from fancy duct work to monumental architecture. Sheet Metal is better by design!

Sheet Metal Contractors of Milwaukee
2515 North 124th Street Suite 200
Brookfield, Wisconsin 53005
(414) 784-6889

*Black & White Murals 8x10 Glossy Repros
We Reproduce Blueprints or Masters For Making Blueprints

CALL: 1-(414)-272-1255
The measure of an architect’s successful project is when the solution has become the fulfillment of the owner’s dream. In this, the architect’s understanding of team relationships between owner, architect and contractor is most important.

**A successful project is the fulfillment of a client’s dream.**

The architect is the leader of the team.

Satisfying the client is also the best way to increase public awareness of the value of architectural services. This is the challenge every architect faces.

Robert Peter Torkelson, AIA
Easy on the Eye... Easy on the Architect.

Our beautiful sunrooms come with something extra...

Complete technical assistance.

When you specify our products, we'll give you full specifications, detailed drawings, design assistance and a wealth of experience.

And it's all as close as your phone, your fax or your overnight mail pickup.

We make a great sunroom a great deal easier to specify. Call us now. We're easy.

(414) 722-8786
622 Airport Road, Menasha, WI

Let's Talk Technical.

Doing A Trade Show?

Considering A Direct Mail Campaign?

Reprints Are A Great Marketing Tool!

Do you read this magazine? If so, please support the advertisers you see in these pages. They make this publication possible.

For more information contact:
Cheryl Seurinck
Advertising Sales Manager
608/257-8477
Architecture is clearly no longer an "old man’s profession." Women and men, young and old, contribute significantly to the built environment. This, the Wisconsin Society of Architects’ first recognition of the young practitioners of Wisconsin, will demonstrate this point.

The jury, a distinguished panel of architects from outside of Wisconsin, complimented all twenty-three submitters for their efforts. They were so impressed by the works that they recognized the efforts of nine members of the group.

Any time any organization initiates a competitive program the possibility for controversy exists. Fortunately, the jury’s actions appear to be understood by those not recognized. Jury members had asked that we convey, to all who submitted, a sense of congratulations and appreciation, as well as encouragement for the future.

The jury report, in part, noted the following: “Some jurors knew some of the [albeit anonymous] submissions. By agreement, conflicts of interest were revealed and jurors abstained appropriately.” One of the key, early decisions by the jury was that “...this should be an award for a body of work, rather than an individual project.” Submissions that remained in consideration “...tended to be those which included at least two strong projects.”

The jury report also noted: “Only a few candidates identified her/his specific responsibility for each project. For the jury, this was of great concern.” Desiring to see diverse artistic ability, the jurors had hoped for “...submissions in other ‘bodies of work’ such as management, teaching, writing or other aspects of the profession” that would show either broadened or specialized skill development.

Does it surprise you that, in the profession of architecture, adulation is reserved for mid-career practitioners? No. But, you will be surprised that many of our best efforts are significantly impacted by young practitioners.

Taking a cue from the Architectural League of New York, the jury decided to identify two levels of recognition. The greater level of recognition, the “Emerging Voices” category, was awarded to two individuals. The other level, “Blossoming Architects,” saw seven recognized.

The work of these nine talented young Wisconsin practitioners follows.
Over the last eight years I've developed a belief that architecture extends beyond the task of building a structure. The projects illustrated in my portfolio have all become or were intended to become the focus of the community. Projects of this type are the result of years of planning and dreaming before the design process starts. Therefore, the goal is to design a building which gives something back to the community. This requires the architect to go beyond the normal relationship...all projects included public workshops and research tours to similar buildings. This intense process produced work that is truly part of one's body and soul.

— Scott Georgeson, AIA

Bellevue Central Park
Bellevue, Washington
As both an associate professor and a practicing architect, my career has maintained a firm foothold in two sometimes opposed worlds. This has allowed my teaching and research to be informed by experiences, and my design practice to be intellectually stimulated by academia. My design work has focused around two theories: place making and materiality. Place making has meant a search for the unique characteristics of any particular site and an intensification of these characteristics through design. It has also suggested that architecture is the making of rooms, defined and enclosed voids, most frequently in the form of streets, squares, courtyards and atria. The definition of such rooms has ordered most of my work; however, materiality has demanded the pursuit of honest, durable and expressive construction, related to place and configured to define rooms both indoors and out.

— James W. Shields, AIA

Top: 920 S. Waukegan Road
Lake Forest, Illinois

Left: Merit Hall Dormitory
UW-Madison
DAVID BLACK, AIA
MADISON, WISCONSIN

BLOSSOMING ARCHITECT
YOUNG PRACTITIONERS FORUM

Modern Woodmen of America
Home Office Expansion
Rock Island, Illinois

WILLIAM BULA, AIA
MADISON, WISCONSIN

BLOSSOMING ARCHITECT
YOUNG PRACTITIONERS FORUM

Top: American Family Insurance
Madison, Wisconsin

Right: Burlington Northern
National Headquarters
Fort Worth, Texas
Mark R. Ernst, AIA
Milwaukee, Wisconsin

Blossoming Architect
Young Practitioners Forum

National Bank of Georgia
Atlanta, Georgia

Kay Kornovich, AIA
Madison, Wisconsin

Blossoming Architect
Young Practitioners Forum

UW-Stevens Point
College of Natural Resources
PETER B. H. TAN, AIA
MADISON, WISCONSIN

BLOSSOMING ARCHITECT
YOUNG PRACTITIONERS FORUM

Private Residence Addition
Washington, DC

URSULA TWOMBLY, AIA
MILWAUKEE, WISCONSIN

BLOOD CENTER OF SE WISCONSIN
WEST BEND, WISCONSIN
Private Residence
Cedarburg, Wisconsin

Below: Private Residence
Menomonee Falls, Wisconsin

ABOUT THE RECIPIENTS

Scott F. Georgeson, AIA.
is a principal of his own
firm in Milwaukee. A 1979
graduate of the University
of Wisconsin-Milwaukee,
he received his Master of
Architecture in 1984 from
the same institution. Scott's
practice concentrates on the
design of civic buildings
and theaters.

William Bula, AIA.
is a principal at Flad &
Associates and previously
practiced in New Jersey.
He is a graduate of Notre
Dame and is responsible
for the design of a variety
of major projects, includ­
ing corporate offices, research and development
and educational facilities.

James W. Shields, AIA.
is an Associate Professor of
Architecture at UWM-
SARUP where he teaches a
graduate studio on the
design of public buildings.
His research resulted in the
1989 book The Cities of
James Duane Doty; and he
co-authored Architectural
Representation.

Mark R. Ernst, AIA.
received his Master of
Architecture from the
University of Wisconsin-
Milwaukee in 1978. He is
currently at Hammel Green
and Abrahanson, Inc. and
was previously a partner at
Beckley/Myers and a prin­
cipal with Ernst/Friedman
Group in Buffalo.

Peter B. H. Tan, AIA.
now practicing with
Durrani Architects, is a
graduate of Cornell
University. He received
his Bachelor of Architec-
ture in 1986 and his
Master of Architecture and
Urban Design in 1988. He
has practiced in Washin­
ton, DC and Malaysia.

Ursula Twombly, AIA.
received her Bachelor and
Master Degrees from the
University of Wisconsin-
Milwaukee. She was born
and raised in Switzerland
and has traveled
extensively throughout
Europe and the Mideast.
She is currently with
Kahler Slater Architects.

David Black, AIA.
received his Master of
Architecture degree at the
University of Michigan. He
is now in a key design role
for hospital, corporate and
research facilities across the
nation with Flad & Asso­
ciates. He has practiced in
Ann Arbor as well as with
ZGF in Portland, Oregon.

Kay Kornovich, AIA.
is currently employed with
Flad & Associates, focusing
in the research and develop­
ment division. She is a
1989 graduate from the
University of Minnesota.
Recent projects include
collegiate work and
corporate laboratory
facilities.

John C. Vetter, AIA.
graduated from the Univer­
sity of Minnesota in 1982.
He studied architecture at
the University of Tienen in
the Peoples Republic of
China. He is the president
of his own firm, Vetter
Denk Architects, which
focuses on residential and
land planning services.
Tod Desmarias, AIA, is an associate with Holabird & Root, Chicago. One of the firm's designers, Tod has been responsible for significant projects across the U.S. and in Canada. His digital computer lab at the University of Illinois received a Distinguished Building Honor Award from CC/AIA in 1991. Tod is a graduate of IIT in Chicago and has practiced at Holabird & Root since 1984.

John T. Saunders, AIA, is a principal at Larson and Daren, Rockford, Illinois. John has a B/Arch and M/Arch from the University of Illinois. A team leader and project manager in the fifty-person firm, John practiced in Wisconsin for eight years prior to returning to his native Rockford. His project work has taken him from central Illinois to Seattle, working on high-tech buildings.

Ruth M. Gless, AIA, graduated from the University of Nebraska with a major in English, taught high school and worked as a potter before entering the graduate architecture program at the University of Virginia. Ruth is now a senior associate and project designer with Perkins & Will, Chicago. Her award-winning work includes the College of American Pathology in Northfield, Illinois, and the Westfields International Conference Center in Chantilly, Virginia.

Joseph M. Valerio, AIA, is a principal in his own firm in Chicago. Joe has a B/Arch from the University of Michigan and an M/Arch from UCLA. His design work has won numerous awards and has appeared in many journals including *Domus, Progressive Architecture, Architecture* and others. An author and former associate professor of architecture at UW-Milwaukee, Joe is a frequent speaker at architectural schools including Arizona State University, UCLA and others.
Small Change Could Cost You Big Dollars

COPYING BLANK AIA DOCUMENTS IS ILLEGAL...AND DANGEROUS. THE AIA DOCUMENTS ARE REVISED PERIODICALLY TO REFLECT CURRENT CASE LAW AND THE EVER-CHANGING PRACTICES WITHIN THE CONSTRUCTION INDUSTRY. COPYING AN OUTDATED AIA DOCUMENT—THAT'S RAISING EVEN A SMALL CHANGE OR REVISION—CREASES YOUR LIABILITY AND THE POSSIBILITY THAT YOU'LL PAY BIG DOLLARS TO SETTLE A DISPUTE. DON'T TAKE CHANCES. ORDER YOUR CURRENT AIA DOCUMENTS FROM US TODAY.

The Wisconsin Society of Architects
321 S. Hamilton St.
Madison, WI 53703
(608) 257-8477

AIA Documents...the foundation for building agreements.

Tilt-Up Concrete Buildings

Giving you more than beautiful savings

Tilt-Up Concrete offers all the advantages you've come to expect from concrete walls — durability, low maintenance, energy savings, fire resistance, low insurance premiums and lasting value.

As a bonus, Tilt-Up Concrete buildings feature rapid forming, casting and panel erection for exceptionally, economical construction.

Discover the many benefits of Tilt-Up Concrete buildings. Call Wisconsin Ready Mixed Concrete Association at 1-800-242-6298 for details.

Do It In Concrete.

Wisconsin Ready Mixed Concrete Association
9415 W. Forest Home
Hales Corners, WI 53130

1-800-242-6298

Looking for a job? The WSA Job Bank is available to architects looking for a job or firms who are hiring. Call Mary for more information at (608) 257-8477

Wisconsin Architect May/June 1993
Award-Winning Landscape Design

These projects represent the second installment of the Biennial Awards Program of the Wisconsin Chapter of the American Society of Landscape Architects. The awards program exists to further the profession of landscape architecture by recognizing professional excellence. Award categories include landscape architectural design, landscape planning and analysis, research and landscape architectural communication. There are three levels of award for each category: award of excellence, honor award and merit award.

Award of Excellence
The River Hills Residence
Landscape Architect: Judith Z. Stark, ASLA

This project demanded careful attention to the separation of a multitude of uses and activities over a five acre site. The design evolved through a successful partnership between the client and landscape architect, and continued to evolve through ongoing site reviews and planning for future developments.

Theme for the design was revealed when the client mentioned *The Secret Garden* as a favorite children's book. This became a touchstone in the development of the design's romantic character. Swan fountains, curved benches, site architecture and the picturesque forms in the plant material carry the romantic theme throughout.

Honor Award
The Lammm Residence
Landscape Architect: Rosheen M. Styczinski, ASLA
Hawks Nursery Company

The project intent was to develop multi-use outdoor living and entertaining space with a sense of privacy, while providing an illusion of a larger space. The design utilized a strong diagonal emphasis to lengthen site lines and dilute the rectangular confines of the house and site boundaries. Changes in levels and surfaces create spaces, separate activities and strengthen the sense of spaciousness.

The landscape architect provided concept design through design development and construction for this project. Special attention was given to the clients' active schedule and requirement for a maintainable product. Minimizing areas of lawn, selection of drought-tolerant plant material and composting procedures helped to reduce the maintenance requirements.

Photography: Tom Fritz Studios, Inc.
Merit Award
The Morrissette Residence
Landscape Architect: Steven J. Berg, ASLA
David J. Frank Landscape Contracting

The project involved placing an oversized home with extensive site requirements on a site with difficult terrain and subsurface drainage problems, requiring creative and innovative solutions. The landscape architect provided site surveying and site engineering, including the structural design of the extensive retaining wall system.

The landscape architect worked closely with the owner on selection of plant species, incorporated this list into a functional beautiful planting and then provided long-term maintenance specifications. He also worked with the owner to develop concept and preliminary drawings for the bronze fountain statue of three cranes.

Merit Award
The Residence on the Lake
Landscape Architect: Judith Z. Stark, ASLA

The project required attention to a multifaceted site use program balanced with a design that respected and enhanced visual and physical connection to the lake.

The landscape architect developed the concept, detailed design of all of the many individual gardens, and other site amenities over several years through a highly interactive process with the owners. Each garden has its own character with specialized details and uses of garden ornaments. The development of the shoreline edge incorporated boulders and rough grass barrier areas to control runoff, prevent erosion and create a natural sea wall.
For Brick as well as Concrete everyday is TEWSday

The Milwaukee Center

Contractor Supply Center
7200 South 10th Street, Oak Creek, Wisconsin
414/764-8700 Toll-free 1-800/686-8401

Bold and exciting! Two support styles, a variety of seating panels, and an innovative litter receptacle are the basis for the new Petoskey Group from LFI. Only from LFI/Landscape Forms.

ANTIQUE DRAWING BOARD
K & E American Eagle - 42" x 72"
Circa 1925 - Cast Iron Base
Excellent Condition
Located in Elm Grove, Wisconsin
Phone: (414) 786-6997 (Day or Evening)

Bill Quinlan
2140 Halsted
Chicago, IL 60614
312-871-8810
312-871-4617 FAX
Maynard W. Meyer, FAIA

The profession of architecture has lost a leader and dear friend. On March 10, Maynard W. (Mike) Meyer, FAIA, died of natural causes at the age of 79. He served the profession with dignity and dedication. He will be greatly missed.

Meyer attended the University of Wisconsin for two years and then went on to Yale University where he received his Bachelor of Fine Arts Degree in Architecture in 1938. Following a year traveling and working in Paris and Antwerp, he received the AIA Langley Fellowship for Graduate Study and returned to Yale to receive his Master of Fine Arts Degree in Architecture in 1940.

After working part time, he returned to Yale as an instructor in city planning and became the first Director of City Planning for New Haven, Connecticut.

In 1946, after serving in the U.S. Navy, he returned to Milwaukee and was appointed Director of Planning for Milwaukee County War Memorial Corp. He set up the architectural program for a “Cultural Center as a Living Memorial” to house art, drama, music and veterans’ group activities.

At this point, Meyer established his own professional architectural and planning firm where he practiced until his retirement. In 1955, he worked with Buckminster Fuller on a geodesic dome for the Pewaukee Yacht Club. Meyer convinced Mr. Fuller to speak at the memorable 1971 WSA Convention.

In 1960, he was appointed by Governor Gaylord Nelson to serve as chairman of the Southeastern Wisconsin Regional Planning Commission, a position held until 1968. He was active with the AIA’s Commission on Architectural Education and the AIA National Committee on Urban Design and Planning.

Between 1963-66, he taught a city planning workshop course in the Department of Urban and Regional Planning at the University of Wisconsin in Madison. He also worked on an ongoing basis during the 1960s as a planning consultant for several communities, including Menomonee Falls, Delafield and Pewaukee.

As a member of the AIA Urban Planning and Design Committee, Meyer was appointed chairman of the Urban Design Assistance Teams assigned to stimulate solutions to the planning problems in Butte, Montana; Columbus, Georgia; Phoenix City, Alabama; and, eventually, Milwaukee.

Meyer also was responsible for Wisconsin Architect magazine as we know it today. In 1965, he suggested the creation of Wisconsin Architect, Inc., for the sole purpose of publishing the magazine. None of the other 32 AIA Chapters with publications at that time had considered the possibility of architects running their own magazine, but he pressed on and, as its chief executive, successfully managed the magazine for six years.

A sample of Meyer’s many architectural accomplishments includes: Line Material office building in Milwaukee; the Jewish Community Center of Milwaukee; West Division High School; Marine National Exchange Bank facilities in South Milwaukee and Pewaukee; New Student Union building for UW-Milwaukee; Permanent Art Galleries for the Milwaukee Art Center and many more.

Mike Meyer received eight WSA Honor and Merit Awards as well as a national award for his residential design and construction in recognition of his outstanding contribution to the housing program.

Meyer served as president of the Southeast Wisconsin Chapter from 1957-1959, a member of the WSA Executive Committee from 1963-1967, a member of the special task force to establish a School of Architecture in Wisconsin from 1964-1968, a trustee and officer of the Wisconsin Architects Foundation from 1963-1969, and a member of numerous state and local committees.

Ello Brink, a colleague and close friend, in a 1971 article, said, “To work with a man of Mike’s stature, intelligence and energetic temperament, to witness his impatience with mediocrity and pettiness, to see his total dedication to quality in whatever he is involved with, to see his love for his profession and what it stands for, or ought to, has been an invaluable experience and a neverending challenge to me.”

A remarkable individual doesn’t come along every day; and when a profession is blessed with an individual who really gives of himself, it reflects well on the entire profession. Mike Meyer was one of those individuals.

EDITOR: Gifts in memory of Maynard W. Meyer may be contributed to the Wisconsin Architects Foundation, 321 S. Hamilton St., Madison, WI 53703.
Make a beautiful opening statement, with Designer Line/real oak doors from Karona.

Every Karona interior door is meticulously crafted with rich oak veneer surfaces that can be beautifully finished to match any decor. And they are available in several panel styles as well as French, louvered or bi-fold doors.

Distributed through dealers by: Western® Building Products Inc.

Do you find soaring to new heights a dizzying experience?

At Klipstein Insurance, we walk you through the risks and rewards of business expansion one step at a time. For a complete protection plan individually designed for today and into tomorrow, call Klipstein. It’s the insurance agency architects and engineers are talking to.

Klipstein Insurance Services, Inc.

UNION CRAFTSMEN
SHEET METAL WORKERS’ - STATE OF WISCONSIN
TED KUCZYNKI - STATE BUSINESS MANAGER
5425 W. VLIET STREET - MILWAUKEE, WI 53208-2118
1-800-242-5822 FAX (414) 778-0987
Planning Bristol: A Gateway to Wisconsin

The Town of Bristol—Wisconsin’s “gateway” from Illinois—is situated in Kenosha County west of and adjacent to Interstate Highway I-94 at the Wisconsin/Illinois state line. The 36-square-mile town has several unique design-related qualities which clearly sets Bristol apart from the “typical” Wisconsin rural township. These qualities have provided Bristol officials with very unique planning and design challenges. Recently, the town completed its first Comprehensive Land Use Master Plan which addresses these challenges.

Growth and development in Bristol has not occurred, from a planning and design standpoint, in a “traditional” manner. For instance, Bristol is characterized by a significantly large amount of commercial development (about 465 acres) situated along a six-mile stretch of I-94 on its eastern edge. This large amount of commercial development is due, in part, to Bristol’s unique strategic location along the I-94 corridor at the state line. Its location provides the eastern edge of Bristol excellent accessibility to both the Chicago and Milwaukee metropolitan area markets. Average weekday traffic volumes along I-94 are over 40,000 vehicles with increases to over 45,000 vehicles on weekends. The extent of commercial development in Bristol’s I-94 corridor area more than doubled in area over the last 20 years. Development is projected to reach a staggering 681 acres—equalling a land area of over one square-mile—by the year 2010.

The number of jobs forecast to be spawned, in part, from Bristol’s growth along I-94 may reach from 6,250 to 7,400 by the year 2010. The total 1990 population of Bristol was only 3,968 and is forecast to be from 4,100 to 5,200 persons by the year 2010. Thus, the employment levels in Bristol dwarf its total resident population—a very unusual phenomenon.

Strikingly dissimilar to the I-94 commercial area of Bristol are both the small unincorporated “Village” of Bristol (in the northwestern part of the town) and the unincorporated hamlet known as “Woodworth” (located in the town’s northeast quadrant). These two areas were the historic 19th Century centers of commerce and agriculture for the town—both have the charm and scale of 19th Century vernacular architecture and planning. While growth in the Woodworth area has lagged over the decades, the “village” of Bristol area has remained a viable residential area and continues to expand its predominately residential land area into the surrounding countryside (see photo above).

Bristol is traversed in its northern portion by the Des Plaines River, a significant environmental feature which structures the natural character of a significant portion of Bristol. Also unique to Bristol are its several lakefront community areas at Lake Shangrila, Benet Lake and George Lake. These are located primarily in the southwest portion of the town.

A significant amount of rural undeveloped land representing about 20,796 acres, or about 90 percent, of the total town area provides the setting and framework for the I-94 corridor development, the “village” of Bristol and Woodworth hamlet, and the several lakefront community areas. The rural areas include farmlands, water, wetlands and woodlands. Thus, the protection of these rural areas is critical in order to preserve the rural character of the town.

In terms of natural areas to be preserved, Bristol has 2,152 acres of wetlands, 1,437 acres of woodlands...
and about 264 acres of water areas. These features represent over 16 percent of the entire town area. Bristol residents and officials have deep concerns over their continued preservation; not only for the maintenance of public health and welfare but also since these features form a significant basis for Bristol’s rural identity and character.

In 1991, Bristol officials and citizens developed the first Comprehensive Land Use Master Plan for the town. The plan is specially tailored to effectively manage growth, while protecting both the rural character of Bristol as well as its remaining natural resource features. The seemingly contradictory and opposing forces which shape Bristol — its rural and booming commercial areas — have challenged the town to use a variety of planning and design tools.

The plan addresses population and employment growth, existing land use and community character, the preservation of Bristol’s natural resource base, forecast and planned land uses and plan implementation strategies.

Somewhat unique to this planning effort in Wisconsin is the introduction of definitive natural resource base protection standards. Such standards were established for steep slopes (10-19%, 20-30% and greater than 30%), woodlands and forests, lakes and ponds, stream corridors, floodplains, drainageways, wetlands and shoreland wetlands. In many communities, no such standards exist or, if they do exist, they are most often vague and left for interpretation. This is not the case in Bristol. The intent of these standards is to allow for the reasonable development of property while still preserving, in a fair fashion, those natural resource features which are of importance to the preservation of Bristol’s rural character.

The planning for Bristol will, no doubt, evolve over time as conditions change. Through the preparation of its long-range plan, however, Bristol residents and developers will have a clearer picture of the Bristol of tomorrow. WA

---

**The Town at Wisconsin’s Gateway**

*by Audrey Van Slochteren*

**Town Chairperson**

How can a rural, thirty-six square mile town best handle growth? Can it afford to sit back and watch growth come, take over its farms and open space, and destroy its quality of life? The answer is unequivocally, NO!

Located in southeastern Wisconsin and bordered on the east by I-94, part of the interstate highway system which has spawned urban sprawl, the town of Bristol must accept the challenge that comes as a result of its lying directly in the path of development. For years, it appeared local officials took the approach of riding along with the tide, of attempting to solve problems as they came along, of making no effort to anticipate them or plan for them. Bristol was a “reactive” community.

In 1990, with a change in local government officials and the adoption of the subsequent Kenosha County General Zoning and Shoreland/Floodplain Zoning Ordinance, Bristol took the first step towards controlling its destiny. The second step was taken when Bristol hired a planner and with his help devised a Comprehensive Master Land Use Plan for Bristol.

Two major concerns of the citizens of Bristol as they approached the plan were: Can we continue to maintain our rural character and how can we best preserve our quality of life? Several major decisions were made: Look for areas which could be expected to urbanize. Keep development confined to areas which could be served by public sewer and water. Insure that municipal services be provided, especially in those areas where the inevitable threat of annexation casts its shadow over a town. Provide for common open space within developing areas. Build on the premise that quality and balanced development are essential. Insure that Bristol will drive development instead of allowing development to drive Bristol. Bristol made the decision to become a “pro-active” municipality.

Bristol’s Master Plan was adopted in July of 1992. County zoning, which was adopted by Bristol in 1990, will provide the “teeth” to help enforce the Master Plan. Can Bristol, therefore, sit back complacently and say, “We’ve done our job”? Again, the answer is NO!

The next challenge facing Bristol is to establish a comprehensive set of planning and design guidelines. These guidelines are for the areas at the major intersection of I-94 and State Highway 50, which, in earlier years, allowed development to spring up like “mushrooms;” the intersection of U.S. Highway 45 and State Highway 50 where development is going to be spurred by the new Kenosha County Center currently under construction, and, finally, at the intersection of I-94 and County Highway Q (one mile north of the Wisconsin/Illinois state line) — an intersection destined to become the premier “Gateway to Wisconsin.” Bristol must focus its attention on seeing that these locations are well-designed.

Better land control is a municipality’s primary method to maintain quality of life. A well-designed Bristol will enable the town to live up to its motto: “We like it here. You will too.”
Kalwall STANDS TOUGH!

The Positive Truth!!!

Kalwall's Patented Fiberglass Sandwich Panels Stand Up to Load Limits That Competing Plastic Panels Can't Begin to Match! Project Proven since 1955!!!

While other products may appear similar, no other translucent panel can stand up to the structural integrity and overall performance of Kalwall in tests or a demonstration. Insist on the track record that speaks for itself!

Kalwall - A Structural Composite

- ICBO Approved - Factory Mutual
- Class I Panels - U.L. Class A Roof as a Roofing System - Glass Erosion Barrier Technology - Kal Tints - Thermally Enhanced - Thermally Broken Panels

Developed for YOU!!
Specify and Design In Total Cost
Effective Confidence!!!
Kalwall... since 1955

Introducing a better idea in fluorescent lighting...

3M™ Silverlux Reflector

- Reduce fluorescent lighting costs 50 to 75%
- Highest lighting efficiencies in the industry
- Eliminate half the number of tubes
- Easy installation and maintenance
- Rebates available from most Wisconsin electric companies

Available in new POWERPLUS fixtures or retrofits

The ultimate lighting system 3M Silverlux reflectors, T-8 Lamps and electronic ballasts.

Contact your Wisconsin distributor:

Energy Savings Management of Wisconsin, Inc.
4379 S. Howell Ave., Milwaukee, Wisconsin 53207
Phone (414) 747-0717 • WI 1-800-367-0717 • FAX (414) 747-0853

Manufactured in America with pride by:
Dynamic Energy Products, Inc.
Authorized reflector manufacturing-Construction Market-3M
Midwest Regional Office—Elk Grove Village, IL

PBBS EQUIPMENT CORP.
5401 N. Park Dr., Butler, WI 53007

BOILER ROOM
Service - Parts - Sales - Chemical - Engineering

24 Hour Service
Radio Dispatched
CLEAVER-BROOKS
FACTORY AUTHORIZED
PARTS & SERVICE

ALL MAKES
Webster Burners
And-Car Systems

SERVICE
Troubleshooting - Repairs - Cleaning - Refractory Work
Efficiency Tune-Ups - Service Contracts - Inspections
Mobile Boiler Room Rentals - Descaling - Conversions

SALES
Boiler Room Equipment & Accessories - Chemical Systems Burners - Chemical Treatment & Analysis
Propane Systems And-Car Boiler Blowdown Systems
And-Car Monitor Systems

THROUGHOUT WISCONSIN AND UPPER MICHIGAN
Milwaukee (414) 781-9620 • Madison (608) 249-6604
Green Bay (414) 494-3675 • Stevens Point (715) 344-7310
FAX (414) 781-8526

THROUGHOUT MINNESOTA AND NW WISCONSIN
PBBS EQUIPMENT CORP.,
TWIN CITIES DIVISION EAGAN, MN.
(612) 686-7227
Westwind Greens Conservancy is a condominium village with more than ten acres of woodlands and wetlands opening onto Pewaukee Lake. The name is derived from the prevailing breezes blowing off the surrounding hills which have provided Pewaukee Lake an international reputation among sailing circles.

The company of Bruce Lynch, AIA, was given full control over site planning and development as well as architectural design of the buildings. Priority billing was given to the natural look. Much research was done regarding plants, birds and all wildlife that existed in this place before building began.

The result is a Garden of Eden setting with a horseshoe arrangement of houses at one end of the property. Each of the 18 lakeside homes has a private boat slip extending the recreational possibilities of each resident. The Lawn Landing, made possible by the natural terrain, can be used to launch small watercraft such as canoes or rowboats. Other features include a putting green, a summer house for picnics or enjoying nature in privacy, wooded paths, bridges, lagoons and a sandy beach. All new landscaping is sensitive to the rich assortment of natural plants and wildflowers that abound. A lake shelter, with storage space for each resident for boating equipment, has screened and open deck space for observing nature at close range.

Elements from architectural styles of the past are reflected in the buildings. Privacy as well as the feeling of a single-family home is expressed by private entry courtyards, limited common walls and windows on all four elevations. The buildings are clustered among existing tall trees with three units to a building.

Each unit contains an average area of 2,350 square feet. Each has a natural fireplace and a two-story central stairwell with a skylight for illumination.

Photography: Cynthia Lynch
Below: Buildings grouped around the putting green. Far below: This shows one unit...the three attached units have staggered setbacks for privacy and improved fenestration.

Aerial drawing of the condominium village showing the dwelling units, putting green, meadow, boardwalk, lagoons, paths and lake area. Architect Branch E. Lynch, AIA, explains, "A wise use of land and the clear design of spaces can offer optimum relations between man and the natural environment. One gains a sense of satisfaction from understanding the ways of nature and from seeing one's own integral place within the great scheme of things."
Nothing stacks up like StoneWall SELECT

Designed to save time & labor, StoneWall SELECT goes up faster & easier than any other retaining wall system on the market today.

- Superior to wood and poured concrete
- Simple, fast, mortarless installation
- Lightweight and easy to handle
- Complete design flexibility

Waukesha Block
10919 W. Bluemound Road
Milwaukee, Wisconsin 53226
(414) 453-7980

BASEMENT, DECORATIVE & LANDSCAPE BLOCK
PAVERS • FIREPLACE MATERIALS • MASONRY SUPPLIES • PARKING BUMPERS & MORE

Studies show that buildings using natural gas as the primary energy source are resold faster for higher values. For more information, call your local natural gas utility.

Wisconsin Blue Flame Council

Moving?

Let us know 4-6 weeks in advance so that you won’t miss a single issue of Wisconsin Architect. Please include a copy of the old label.

Mail To:
Wisconsin Architect
321 S. Hamilton St.
Madison, WI 53703
This senior housing facility was developed by the Riverview Hospital Association after much deliberation. The community had no provision for retirement living. The success of the project (all units had been pre-leased by completion date) was due to educating the community to the needs of a retirement community versus a regular apartment complex.

Future development on the ten-acre site will complement the initial two-story rambling buildings. Site is directly across from a mall including a grocery store. White pines and added landscaping provide a setting for quiet walking paths and a gazebo built near a reflecting pond.

The 40-unit building is placed on a north-south axis providing morning and afternoon sun into each apartment. Parallel to the building is One Mile Creek, which borders the site on the east.

All units have one or two bedrooms. Doorways, kitchens and bathrooms can accommodate wheelchairs. A multi-use area includes a woodworking shop and exercise room. Entrance lobby is two stories high, accented by a 28-foot brick fireplace. Natural light was designed into interior corridors and sitting areas.

Photography: Gary Haas and Larry Schneider
At the turn of the century, on one of the inland lakes in southeastern Wisconsin, a wealthy lake property owner constructed a small island with a connecting bridge and used the island for summer outings and recreation. Over the years, the island's use declined, but in the 1940s a subsequent owner built a small seasonal cottage there.

Several years ago, the island and the adjacent mainland property were sold to a recently retired couple who wished to build a new home. It was uncertain at that time whether the local municipal zoning regulations and a 75-foot waterfront setback restriction would permit the razing of the cottage and allow the construction of a new residence. After three years of conferences, hearings, planning and construction, the site was determined buildable and the board granted a variance for a 12-foot setback line from the shore.

Fitting the house plan within the confines of the setback was the greatest challenge of the project. The owner's program was simple: provide two bedrooms, a large kitchen, large living space for entertaining and as much exposure as possible to the surrounding view.

A successful plan evolved by manipulating four 22-foot rectangles and then redefining the elements to go in each rectangle.

Tests proved that the soil would not support a conventional foundation. The uniqueness of the site justified the cost of a wood pile foundation, driven 25 feet into the old lake bottom under the island. A perimeter grade beam rests on the poles and supports a precast concrete floor containing an "in-floor" heating system. A heated crawl space is located above the high water level of the lake and contains plumbing and mechanical equipment.

*Photography: Reimar F. Frank, AIA*
A standard gable-roofed rectangular form with full height “box-bays” and diagonal siding was used to give the home a unique character while allowing it to blend into the neighborhood. The shape of the lot demanded that the plan be angled. A sloping site allowed a bedroom on the lower level.

The foyer was opened to all three levels, avoiding a “basement” feeling on the lower level. The master bedroom suite contains separate areas for sleeping, sitting, working and bathing.

To achieve energy efficiency, exterior walls were “double-four” wherever cost effective.
Lakeshore Towers is an urban condominium development on the shores of Lake Michigan. The Racine retail and business districts benefit from the return of housing to this area, fueling a renaissance of construction activity.

The site is adjacent to the Racine Marina. The V-shaped plan takes advantage of this by stepping each unit and allowing unobstructed views of the lakefront. Direct access from spacious living units to private exterior balconies heightens one’s awareness of coastal living.

Building infrastructure is load bearing masonry walls with precast concrete plank flooring. Exterior material is a contrast of brick veneer and a "stucco" finish insulation system. At the parapet, circular window heads frame dramatic lakefront views from the two-story luxury penthouse units. A two-story lobby with glass-backed elevators opens the building toward Racine’s downtown.

Photography: John Korom
Marvin Windows and Doors offer the flexibility demanded by Design Professionals. Each one is made to your specifications, because each one is made to order. Our Architectural Services Department offers a full range of support in design, engineering, and installation of premium Marvin Products. Contact Mark Heard at:

builders world, inc.
p.o. box 881—waukesha, wi 53187
(414) 542-8883
1-800-686-2206

AUTODESK 3D STUDIO Release 2

Bring Your AutoCAD® Drawings to Life

Autodesk 3D Studio® Release 2 transforms DXF files into dramatic, richly detailed 3D renderings and animations. 3D Studio makes it easy to visualize and present your AutoCAD drawings for a fraction of the price of comparable 3D modeling, rendering and animation software. Call Master Blue Print today to schedule a demonstration.

LA FORCE

CUSTOM FRAMES . . . MADE TO YOUR DESIGNS

Expertly engineered hollow metal frames, made to your specifications. Select any door height, profile, face dimension or jamb depth you want. Count on us to provide what you need.

- Hollow Metal Doors & Frames
- Wood Doors
- Builders Hardware
- Toilet Partitions
- Toilet Accessories
- Building Specialties

LA FORCE

Hardware & Manufacturing Co.
1060 W. Mason St. 12040 W. Feerick St.
Green Bay, WI 54303 Milwaukee, WI 53222
(414) 497-7100 (414) 466-5360
A young active family with four sons wanted a house which would be livable and could accommodate groups for entertaining. They wished the design to be a contemporary version of the city’s past architecture.

Three areas were planned for special usage—group activity, formal living and dining, and sleeping. All three areas were to have visual or actual access to decks and the dramatic views of the lake and woods.

The unusual hourglass-shaped lot posed several potential problems. The architect devised a system to under-drain an area containing massive springs, making that part of the land buildable. The final house design was adequate to provide all requests of the client within the constraints of the site.

Photography: Eric Oxendorf
This home site is located on the Milwaukee River with most of its area within the 100-year flood plain. Drainage was a special consideration and the first floor is raised four feet above grade to allow basement floor level (play area for children) to be above flood plain level.

Exterior design had to be approved by a village board because owner did not want a traditional European design as building code recommended. The main requirements were lots of light, windows taking advantage of panoramic views and a sculptural massing of areas for different uses and interior interest.

Photography: Reinhardt Toldt
SOME BUILDING PROJECTS DON'T NEED ENERGY PLANNING.

But, chances are, yours do! Together, let's provide your client with long-term savings from natural gas equipment. For information on new gas technologies which fit your design needs, call your local Wisconsin Natural office today.

BLUEPRINT FOR SAVINGS
WISCONSIN NATURAL GAS COMPANY

SOLUTIONS TODAY. SAVINGS TOMORROW.

TAKING THE WISCONSIN ARCHITECTURAL EXAM AT MECCA IN MILWAUKEE?
Stay at the Hotel Wisconsin! We're offering...
SPECIAL ARCHITECTURAL EXAM DISCOUNTS!!
$36.00 per room per night (1-4 person occupancy)

Includes the following amenities:
- Free Parking
- Cable TV
- Newly remodeled guest rooms
- One $5 breakfast coupon per room per day

Take the skywalk located across the street to MECCA

Hotel Wisconsin
720 N. Old World 3rd St. • Milwaukee, WI 53203
(414) 271-4900

Small Change Could Cost You Big Dollars

COPYING BLANK AIA DOCUMENTS IS ILLEGAL... AND DANGEROUS. The AIA Documents are revised periodically to reflect current case law and the ever-changing practices within the construction industry. Copying an outdated AIA Document—that's missing even a small change or revision—increases your liability and the possibility that you'll pay big dollars to settle a dispute. Don't take chances; order your current AIA Documents from us today.

The Wisconsin Society of Architects
321 S. Hamilton St.
Madison, WI 53703
(608) 257-8477
<table>
<thead>
<tr>
<th>Project</th>
<th>Private Residence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td>Greenfield, Wisconsin</td>
</tr>
<tr>
<td>Architect</td>
<td>Robak Associates, Inc.</td>
</tr>
<tr>
<td>General Contractor</td>
<td>Robak Associates, Inc.</td>
</tr>
</tbody>
</table>

The third of an acre partially wooded suburban lot with a minimum of building depth demanded that the plan be angled. A simple plan of intersecting rectangles allowed the family room to have a direct southern exposure and save rear yard space for gardening and preserve the natural wooded area. Decks were designed on both sides of the family room, with access provided by three sets of patio doors to allow a transparent feeling of indoor and outdoor space.

Two bedrooms for the children are provided on the second floor with a "loft" play area. The bedrooms are separated by a common walk-in closet and bath to achieve the feeling of a private suite without the extra cost. Each daughter’s bedroom has its own vanity sink which allows for private makeup space.

The master bedroom suite is situated on the main floor to allow for privacy and access to the outside private deck. The whirlpool deck space is naturally illuminated with a dynamic curved wall of glass block.

Photography: Steven Meyer
This house was designed for a family of five with a separate apartment for the grandparents who stay there part of each year. Floor plan restrictions required that the first floor be four feet above existing grade, which therefore gave space for large windows in the basement area.

The grandparents’ suite, including kitchen, bath, laundry and private entrance, was built above the four-car garage. Traffic patterns in the main part of the house were given special attention. The owners often entertain gatherings of extended family members.

Local building codes decreed that exterior reflect historic European styles which make up that residential community.

The owners also requested dramatic interior spaces with special ceiling designs to add interest in a contemporary way. The result is a sophisticated interior without being overwhelming.

*Photography: Reinhart Toldt*
The owners, one of whom is a graphic artist, happened upon this little house by accident. They approached the owners and worked out a trade of their Victorian house for this Art Deco gem, which had fallen into disrepair.

A plan of careful restoration was combined with a sensitive addition, nearly doubling the square footage. Design for the new addition respected and sometimes repeated the horizontal lines and curvilinear surfaces of the original house. Exterior received a coat of high tech stucco which will adapt well to Wisconsin’s harsh winters.

Structure of the house, built in 1937 by a Dutch mason, is a combination of concrete block and poured concrete. All interior walls were load bearing, requiring use of steel beams to accommodate the new design.

The additional space on the main level and changes in floor plan resulted in a delightful continuous flow of space which makes the house a more exciting place in which to live.

*Photography: Al Gartzky*

*Top: The owner’s dream. Middle left: The living room before construction. Middle right: The house before construction. Right: Living room after construction, with sunroom addition.*
Changes in Norwest Bank's banking philosophy, along with an emphasis on personal service, led to the redesign of their La Crosse facility. Large, open banking floor space with the teller counter would make way for 18 new office systems, work stations, three new private offices and a new conference room. The teller line was relocated to take advantage of the existing planter/skylight at the south side of the building. New office suites were created for senior executives and the private banking, real estate and insurance and investments departments.

The interior circulation, accentuated by a new vaulted ceiling, was reoriented to focus on the east entrance (used by 90% of the customers) instead of the more traditional "front door" on the street side of the building.

The lighting scheme was carefully designed to meet banking needs while not overlighting public spaces. Sconces were used on the columns to add accent light on the ceiling and form the appearance of a capital. Recessed fixtures provide direct lighting at the teller line and indirect accent light in the vaulted ceiling.

Curves were used to soften the space and provide a unifying theme both in plan and section. The teller line gently curves through the width of the building and that shape is recalled in the ceiling and reception desk designs.

Colors and materials were carefully selected to compliment the existing stone used for the atrium walls and the building exterior.

*Photography: Roger Grant*
Architects, masonry contractors, suppliers and building owners:

Entries are now being accepted for the
4th Annual
"Excellence in Masonry" Competition
The program recognizes design and construction excellence in the use of masonry in Northeastern Wisconsin. This year’s entries will also compete for a separate award recognizing masonry craftsmanship.

To be eligible, projects must:
- Be located within the 17-county region of Northeastern Wisconsin
- Have been completed between January 1, 1988, and June 30, 1993
- Have employed the services of union mason contractors

All entrants and award winners will be recognized at a banquet in October 1993.

For more information and an entry kit, contact Pyramid Marketing & Advertising Services, 414-730-8888. Deadline for entries is July 30, 1993.

EXCELLENCE IN MASONRY
COMPETITION
Sponsored by the Fox River Valley Masons Promotion Fund, Inc.

How To Build
A Cozier Home

*R-Control® Building Panels
keep you warm and give more comfort benefits, too!
Energy savings are really important. R-Control home owners report savings of 50% or more.
- R-Control brings a lot more! Annoying hot and cold spots are eliminated, creating a more pollution-free home. Dust, pollens, noise, and other pollutants are held out by R-Control construction.
- R-Control reduces fuel burning. A truly environmentally friendly home can be built.
- R-Control is warranted for as long as you own your home.
Wisconsin EPS manufactures panels for the entire Midwest. Please call us to learn about: pricing, plans, literature, videos, and builder referrals.

R-Control is a trademark of AFM Corp.
WISCONSIN EPS, INC
P.O. Box 669
90 Trowbridge Dr., Fond du Lac, WI 54936
Phone 414-923-4146 • Toll Free: 1-800-236-5377

AFM PARTNER

Are You Reading This?

If you don’t see your company advertised in the pages of this magazine, then neither do the architects, engineers, interior designers, contractors, facilities managers, specifiers and landscape architects who read Wisconsin Architect all year long!

(608) 257-8477
For centuries, we have created, molded and shaped the structures of our villages and cities. Join with your fellow visionaries to discover the possibilities for tomorrow unfolding at the 62nd Annual Convention of the Wisconsin Society of Architects. Come and experience “Above and Beyond”. Design. Technology. Education. Comaraderie. Recognition.

1993 WSA CONVENTION
WISCONSIN SOCIETY OF ARCHITECTS
May 25th & 26th, 1993 • Holiday Inn Madison West • Middleton, Wisconsin

Call 1-800-ARCHITECT to register today.
# Schedule at a Glance

## Tuesday, May 25

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 a.m.</td>
<td>WSA &amp; WAF Annual Meetings</td>
</tr>
<tr>
<td>10:00 a.m.</td>
<td>Opening Keynote Address: Architects' Leadership Role in the Renewal of America</td>
</tr>
<tr>
<td></td>
<td>Mike Fitzgerald</td>
</tr>
<tr>
<td>12:00 p.m.</td>
<td>WSA Golden Award Luncheon</td>
</tr>
<tr>
<td></td>
<td>Beating Burnout: A Survival Guide for Architects</td>
</tr>
<tr>
<td></td>
<td>Peter McGugan</td>
</tr>
<tr>
<td>2:00 p.m.</td>
<td>Professional Development Seminars:</td>
</tr>
<tr>
<td></td>
<td>• Creating a Client-Focused Culture</td>
</tr>
<tr>
<td></td>
<td>Mike Fitzgerald</td>
</tr>
<tr>
<td></td>
<td>• Integrating Computers in Your Office</td>
</tr>
<tr>
<td></td>
<td>Oliver Witte</td>
</tr>
<tr>
<td></td>
<td>• Environmental Aesthetics &amp; Architecture</td>
</tr>
<tr>
<td></td>
<td>Barbara Sandrisser</td>
</tr>
<tr>
<td></td>
<td>• Intern Development Program</td>
</tr>
<tr>
<td></td>
<td>Irene Dumas Tyson</td>
</tr>
<tr>
<td>3:30 p.m.</td>
<td>Construction Industry Reception &amp; Building Products Exposition</td>
</tr>
<tr>
<td></td>
<td>Displays of innovative products and services for the design &amp; construction industry, door prizes, food &amp; drink ...free admission</td>
</tr>
<tr>
<td>8:00 p.m.</td>
<td>Hospitality Suites &amp; More</td>
</tr>
</tbody>
</table>

## Wednesday, May 26

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 a.m.</td>
<td>Sponsored Breakfasts</td>
</tr>
<tr>
<td>9:00 a.m.</td>
<td>Keynote Address: Design for the Future</td>
</tr>
<tr>
<td></td>
<td>Michael Brill</td>
</tr>
<tr>
<td>11:00 a.m.</td>
<td>Building Products Exposition</td>
</tr>
<tr>
<td></td>
<td>Walking Lunch</td>
</tr>
<tr>
<td>1:30 p.m.</td>
<td>Professional Development Seminars:</td>
</tr>
<tr>
<td></td>
<td>• Office Design of the Future</td>
</tr>
<tr>
<td></td>
<td>Michael Brill</td>
</tr>
<tr>
<td></td>
<td>• Future CAD Technology</td>
</tr>
<tr>
<td></td>
<td>Oliver Witte</td>
</tr>
<tr>
<td></td>
<td>• Total Quality Management for the '90s &amp; Beyond</td>
</tr>
<tr>
<td></td>
<td>Steven Morstad</td>
</tr>
<tr>
<td>3:00 p.m.</td>
<td>Special Events</td>
</tr>
<tr>
<td></td>
<td>• UW-Madison Business School Tour</td>
</tr>
<tr>
<td></td>
<td>• Cleaning New Masonry Workshop</td>
</tr>
<tr>
<td></td>
<td>• WSA Committee Roundtables</td>
</tr>
<tr>
<td>4:45 p.m.</td>
<td>Honor Awards Lecture: Design Excellence</td>
</tr>
<tr>
<td></td>
<td>Gerald Horn, FAIA</td>
</tr>
<tr>
<td>6:30 p.m.</td>
<td>Honor Awards Reception &amp; Banquet</td>
</tr>
<tr>
<td></td>
<td>Banquet Speaker: Susan Maxman, FAIA</td>
</tr>
</tbody>
</table>
Building Products Exposition
The 1993 WSA Building Products Exposition will be held in the attractive Trade Center at the Holiday Inn Madison West. It will feature one of Wisconsin's largest displays of design and construction industry products and services.

The Trade Center will be open to the public from 3:30 - 8:00 p.m. on Tuesday, May 25, for the annual WSA Construction Industry Reception and from 11:00 a.m. - 1:30 p.m. on Wednesday, May 26.

Registration is FREE for the WSA Building Products Exposition. Find the answers to all of your questions on new products and services from the following exhibitors:

### New Products and Services Exhibitors

- **AACOA**
- **Acoustical Floors of Wisconsin**
- **A/E Graphics, Inc.**
- **A+J Specialty Services, Inc.**
- **American Olean**
- **Andersen Windows, Inc.**
- **Fred G. Anderson, Inc.**
- **Associated Builders & Contractors, Inc.**
- **Automatic Entrances of Wisconsin, Inc.**
- **Baraboo Tent & Awnings, Inc.**
- **Bend Industries, Inc.**
- **Best Block Company**
- **Blue Prints, Inc.**
- **Brick Distributors of Wisconsin**
- **Curt Bricker & Associates, Inc.**
- **Brunsell Lumber & Millwork**
- **Builders World, Inc.**
- **CertainTeed Corp.**
- **Champion Brick Co.**
- **Childcrest Tile & Marble**
- **Cold Spring Granite Company**
- **Consolidated, Inc.**
- **J.F. Cook Co., Inc.**
- **Cornell Corporation**
- **Cornell Iron Works, Inc.**
- **Custom Building Products**
- **DeCo Windows**
- **Domtar Decorative Panels**
- **Edwards Sales Co.**
- **Fabcon, Incorporated**
- **Formica Corporation**
- **FYPON Molded Millwork**
- **GAF Building Materials Corp.**
- **Gaco Western, Inc.**
- **Gagnon Clay Products Co.**
- **Georgia-Pacific Corp.**
- **Giles Engineering Associates, Inc.**
- **The H Window Company**
- **Hallmark Building Supplies, Inc.**
- **Halquist Stone Co., Inc.**
- **The Hartland Corporation**
- **Heatlink Floor Heat**
- **Huntington-Twin City Testing**
- **Hunzinger Construction**
- **Hurd Millwork Co., Inc.**
- **Institutional Products Corporation**
- **Interior Systems, Inc.**
- **International Conference of Building Officials**
- **International Masonry Institute - Great Lakes Region**
- **Interpane Coatings, Inc.**
- **JWC Building Specialties, Inc.**
- **Jaeckle Wholesale, Inc.**
- **Kawneer Company, Inc.**
- **Kinetiks, Inc.**
- **Kool View Company, Inc.**
- **Lafarge Corporation**
- **La Force Hardware & Manufacturing Co.**
- **Louisiana-Pacific Corporation**
- **Lumber Dealers Service & Supply**
- **Market & Johnson, Inc.**
- **Marshfield Book & Stationery**
- **Marvin Windows**
- **Master Blue Print, Inc.**
- **Maute Paint Co.**
- **Mid-Continent Cabinetry**
- **Miron Construction Co., Inc.**
- **Molin Concrete Products, Inc.**
- **Monarch Tile**
- **Northwestern Elevator Co., Inc.**
- **Oris Elevator Company**
- **Parkwood Chicago, Inc.**
- **J.W. Peters & Sons, Inc.**
- **PF&S and TECO**
- **ProStar, Inc.**
- **RM Inc.**
- **The Radford Company**
- **RO-AN Corporation**
- **Roddscraft**
- **S & S Sales Corp.**
- **St. Cloud Window**
- **Sanzio Chemicals Corporation**
- **Schindler Elevator Corporation**
- **Schlage/LCN**
- **Spancrete Industries, Inc./Waukesha Block**
- **St. Cloud Window, Inc.**
- **Sticker & Associates, Inc.**
- **Sullivan Brothers Supply, Inc.**
- **Techline Madison**
- **Thermal Design, Inc.**
- **Thoro Systems Products**
- **Trenwyth Industries, Inc.**
- **Trus Joist MacMillan**
- **USG Interiors - Sullivan Brothers Supply, Inc.**
- **Vande Hey-Raleigh Architectural Roof Tile**
- **Ver Holen, Inc.**
- **W. E. Neal Slate Co.**
- **Weather Shield Windows & Doors**
- **Weather-Tek**
- **Weyerhaeuser Architectural Doors**
- **Wilsamart**
- **Windows & Doors, Inc.**
- **Winona Lighting**
- **Wisconsin Automatic Door, Inc.**
- **Wisconsin Bell, Inc.**
- **Wisconsin Blue Flame Council**
- **Wisconsin Brick & Block**
- **Wisconsin Concrete Masonry Association**
- **Wisconsin Electric Power Company**
- **Wisconsin EPS, Inc.**
- **Wisconsin Natural Gas Company**
- **Wisconsin Pipe Trades**
- **Wood-Lam, Inc.**

### Regional Catalog

Regional Catalog
The first 400 WSA members registering for the 1993 WSA Convention will receive a complimentary WSA Regional Products & Services Catalog. Organized by CSI MATERFORMAT Divisions, this new Regional Catalog will put valuable literature on the latest products and services available in Wisconsin at your fingertips. It will become a convenient reference for all of your projects.

### Design Charette

WSA members attending the 1993 Convention also will have the opportunity to participate in an exhibitor-sponsored Design Charette. With $3,500.00 in cash prizes, this special event will certainly add excitement and some healthy competition to the WSA Construction Industry Reception on May 25. The winners will be announced in the Trade Center on May 26. For an entry form and further details on the Design Charette, contact the WSA office.

### Sponsors

The following 1993 WSA Convention exhibitors are sponsoring the WSA Regional Products & Services Catalog and the Design Charette:

- **AACOA**
- **Acoustical Floors of Wisconsin, Inc.**
- **A + J Specialty Service, Inc.**
- **Bend Industries, Inc.**
- **Best Block Company**
- **Builders World, Inc.**
- **Childcrest Tile & Marble**
- **Cornell Corporation**
- **Fabcon, Incorporated**
- **FYPON Molded Millwork**
- **Hallmark Building Supplies, Inc.**
- **Halquist Stone Co., Inc.**
- **The Hartland Corporation**
- **Heatlink Floor Heat**
- **Huntington-Twin City Testing**
- **Hunzinger Construction**
- **Hurd Millwork Co., Inc.**
- **Institutional Products Corporation**
- **Interior Systems, Inc.**
- **International Conference of Building Officials**
- **Interpane Coatings, Inc.**
- **JWC Building Specialties, Inc.**
- **Jaeckle Wholesale, Inc.**
- **Kawneer Company, Inc.**
- **Kinetiks, Inc.**
- **Kool View Company, Inc.**
- **Lafarge Corporation**
- **La Force Hardware & Manufacturing Co.**
- **Louisiana-Pacific Corporation**
- **Lumber Dealers Service & Supply**
- **Market & Johnson, Inc.**
- **Marshfield Book & Stationery**
- **Marvin Windows**
- **Master Blue Print, Inc.**
- **Maute Paint Co.**
- **Mid-Continent Cabinetry**
- **Miron Construction Co., Inc.**
- **Molin Concrete Products, Inc.**
- **Monarch Tile**
- **Northwestern Elevator Co., Inc.**
- **Oris Elevator Company**
- **Parkwood Chicago, Inc.**
- **J.W. Peters & Sons, Inc.**
- **PF&S and TECO**
- **ProStar, Inc.**
- **RM Inc.**
- **The Radford Company**
- **RO-AN Corporation**
- **Roddscraft**
- **S & S Sales Corp.**
- **St. Cloud Window**
- **Sanzio Chemicals Corporation**
- **Schindler Elevator Corporation**
- **Schlage/LCN**
- **Spancrete Industries, Inc./Waukesha Block**
- **St. Cloud Window, Inc.**
- **Sticker & Associates, Inc.**
- **Sullivan Brothers Supply, Inc.**
- **Techline Madison**
- **Thermal Design, Inc.**
- **Thoro Systems Products**
- **Trenwyth Industries, Inc.**
- **Trus Joist MacMillan**
- **USG Interiors - Sullivan Brothers Supply, Inc.**
- **Vande Hey-Raleigh Architectural Roof Tile**
- **Ver Holen, Inc.**
- **W. E. Neal Slate Co.**
- **Weather Shield Windows & Doors**
- **Weather-Tek**
- **Weyerhaeuser Architectural Doors**
- **Wilsamart**
- **Windows & Doors, Inc.**
- **Winona Lighting**
- **Wisconsin Automatic Door, Inc.**
- **Wisconsin Bell, Inc.**
- **Wisconsin Blue Flame Council**
- **Wisconsin Brick & Block**
- **Wisconsin Concrete Masonry Association**
- **Wisconsin Electric Power Company**
- **Wisconsin EPS, Inc.**
- **Wisconsin Natural Gas Company**
- **Wisconsin Pipe Trades**
- **Wood-Lam, Inc.**
It's a Jungle in Here.

Here is Holiday Inn Madison West, a jungle of earthly delights.
Marvel at the 10 story garden atrium and waterfall.
Enjoy fine dining in our Tiffany Grille, or a casual cocktail in the Fountain Court Lounge. Kick up your heels at Nite Lites. Work out in our fully equipped exercise room. Then relax in our indoor pool, sauna and whirlpool.

It's all here, at Holiday Inn Madison West. And it's all yours' when you're done with the jungle out there.

For Reservations, Call 1-800-HOLIDAY.

Holiday Inn
Madison West

West Beltline Freeway at Greenway Blvd, Exit 252 • 1313 John Q. Hammons Drive • Middleton, Wisconsin 53562
(608) 831-2000 • FAX (608) 831-2040

©1991 John Q. Hammons Hotels, Inc
Another exceptional hotel, convention and trade center owned by John Q. Hammons Hotels, Inc. and operated under license from Holiday Inns, Inc.
“Because of this building's non-rectangular design, we required a material that could accommodate a series of angular shapes. Precast Spancrete was chosen for the floor planking and balconies because it could be cut off site to these precise shapes.

“Building high in the air on the lakeshore in winter presented some unusual weather problems, too. Spancrete provided a flexible construction method that was not weather dependent.

“In short, Spancrete was an economical solution that gave us a clean, finished look and was erected rapidly. And it easily conformed to the unusual shapes called for by the building’s design.”

Robert Wirth AIA Architect, Torke Wirth Pujara Ltd. Architects Engineers

Spancrete Industries, Inc.
10919 West Bluemound Road
Milwaukee, WI 53226 • 414 258-4110
Let Your Imagination Be Our Guide

At Elipticon we feel that you should have the freedom to design your architectural millwork without limitations from your supplier. Whatever kind of millwork you can imagine for your next project, Elipticon can make it a reality.

Call us today.

See our display in *Magnum Opus* at Woodlake Mall in Kohler.

ELIPTICON INC.
600 East Oasis Drive
P.O. Box 221
Little Chute, WI 54140
Telephone: 414-788-9322
Fax: 414-788-3086

A WISCONSIN TRADITION OF QUALITY FOR OVER 80 YEARS

Brick Block Pavers Tile Stone

WISCONSIN BRICK & BLOCK CORPORATION
6399 NESBITT RD MADISON, WI 53719
(608) 845-8636 • (800) 362-6633
FAX: (608) 845-8630

Coming up in *Wisconsin Architect*

July/August: WSA Design Awards, Post-Convention, Technical Advertising deadline: June 1

September/October: Public Projects, Health and Recreation projects. Advertising deadline: August 1
The building owner is the key person in any construction project. Building owners are ultimately responsible for the construction and maintenance of their facilities in compliance with the Wisconsin Building Code and other pertinent codes and local ordinances. This responsibility is reflected in the fact that the owner is now required to sign a statement to this effect as part of DILHR's plan approval application.

Building owners and architects need to be aware of their responsibilities. Recently, DILHR proposed a change to its "Completion Statement" requirements. The new form will require the "supervising professional" to complete a "Completion Statement" prior to the building owner obtaining occupancy. This change is scheduled to go into effect in June 1993.

Completion Statement requirements in ILHR 50.10(3) currently state: "Upon completion of the construction, the supervising architect, engineer or designer shall file a written statement with the department certifying that, to the best of his or her knowledge and belief, construction has been performed in substantial compliance with the approved plans and specifications."

The reality is that supervising professionals often wait until they receive a request from DILHR to submit outstanding Completion Statements. Due to budgetary cuts and backlogs, DILHR has only been able to follow up on Completion Statements on an annual basis.

To alleviate this situation, DILHR organized a team representing architects, engineers, contractors, municipal building inspectors, the Department of Regulation and Licensing and DILHR plan review staff to explore alternatives. The team recommended that the supervising professional submit a Compliance Statement to indicate project completion, partial project completion, violations discovered, withdrawal from project, etc. The form identifies specific items which are to be completed prior to occupancy. The form is intended to establish uniform guidelines for the supervising professional and to be utilized as a request for final inspection by municipal and/or DILHR inspectors.

Proposed ILHR 50.10(3) Completion Statement requirements state: "Prior to occupancy of a building or portion thereof, the supervising architect, engineer of designer shall file a written statement with the department certifying that, to the best of his or her knowledge and belief, construction of the portion to be occupied has been performed in substantial compliance with the approved plans and specifications."

For a reaction to the new form, DILHR mailed a letter to supervising professionals detailing the proposed changes. The following are samples of the responses received:

"A professional is, many times, under intense pressure put on by the building owner to go along with changes, and sometimes shortcuts, from the approved plans in an attempt to save money, time or satisfy the whims and personal likes of the owner. It is hard to resist because the owner pays the professional's bill. A completion statement, prior to occupancy, would be a great tool for the professional in doing his/her job."

"I am writing to express my approval of the proposed amendment calling for the completion statements prior to occupancy approval. I see it, along with the recent requirement of the owner's signature on the plan approval form, as helpful in making the process of code compliance clear to owners, and what the role of the professional is in that process."

"An increasing percentage of our work over the past few years has been remodeling of existing buildings. Because of the pressures of time and money, these buildings are often continuously occupied while remodeling work is occurring. While it is important to maintain safe means of egress, access to toilets and other typical areas, often parts of the building must be occupied while construction activities are still occurring. We can envision some projects requiring literally dozens of completion statements, projects where it is difficult to clearly define the areas that are substantially complete, or areas that are occupied prior to completion."

Building owners can avoid plan approval delays and inspection problems by clearly communicating their needs and wants with their architect. The architect retained by the owner as the supervising professional during the construction phase has the responsibility to perform reasonable on-site observations and to file a written statement that the construction, to the best of his/her knowledge and belief, has been completed in substantial compliance with approved plans and specifications. Time-consuming delays can be avoided by improved communication so that all parties have a better understanding of their respective responsibilities in achieving a successful project.

EDITOR: The author is a principal with Architectural Designs in Milwaukee and is a member of the Code Advisory Association of Southeastern Wisconsin.
When the specs are demanding—

The painting contractor needed 15,000 gallons of paint in Minneapolis for the Veteran Administration's largest Hospital. And the Government specifications were stringent.

The job was so huge, the contractor needed a full month to estimate needs — epoxies, alkyd enamels, undercoaters, exterior paints, pastel colors, accents, and on and on.

Mautz delivered its quality paint precisely to specifications and right on time — to supply thirty painters who worked 1½ years to cover 4,985 doors, miles of corridors, hundreds of rooms, three giant atriums, an energy facility and a maintenance building.

Every job you do is a big one — so trust your specs to Mautz.

call Mautz Paint

Manufacturing and Corporate Headquarters, Madison, Wisconsin 608/255-1661
The concept of a consistent format for the nation's three model building codes moved one step closer to reality when the membership of the Building Owners and Code Administration (BOCA) voted unanimously at its September meeting to accept the common code format developed by representatives of the AIA, the three model code groups (BOCA, ICBO, SBCCI) and the Society of Fire Protection Engineers (SFPE). For those professionals who have worked with a variety of codes for buildings across the United States, this came as welcomed news in the article by Stephanie Stubbs in the December issue of *Memo* published by The American Institute of Architects. It was also noted that 75 percent normally use two to five codes in their work and another 14 percent used six to 10.

The concept of a single code used throughout the U.S. for both private and public or federal projects is one that brings a big broad smile to many faces, not to mention relief to the growing number of shelves devoted to volume after volume of the code books required to practice architecture.

However, the sad part of this news is that here in Wisconsin we do not seem even close to adopting a model code much less adopting a national common format for our code. Our three separate codes for single-family housing, multiple-family housing and commercial projects, each with their own definitions and rules and, the most frustrating thing, the individual interpretation by code officials from the state level to the smallest township adds a needless challenge to the design process. Every year there is talk of adopting a model code, but talk is all it seems to be.

For those not familiar with the model codes, they combine single, multiple-family and commercial into the same document recognizing that the definitions for one are the same for all and that the practices for good fire and life safety precaution do not change substantially from one building type to another. Exceptions are exactly that, exceptions to the rule that apply throughout, unlike the Wisconsin code which seems to have a rule and pages of exceptions following in most cases. Now with a common format being developed for the three model codes and greater emphasis to develop a single national building code, the idea of continuing with the Wisconsin system of building regulation seems particularly ludicrous.

The current Wisconsin code plays catch-up every year as it lags behind the development of fire and life safety regulation. That catch-up is sometimes incomplete or ambiguous because the state text does not always copy directly from the model codes. Also, the limited body for consensus within the state versus the resources available to the model code agencies leads to greater influence by select individuals and special interest groups making for yet more exceptions than there are regulations. A common topic of discussion and agreement between architects and engineers is the difficulty of using the state code due to the writing, organization and printing techniques used.

The benefits of adopting a model code as soon as possible include:

- Greater opportunities for Wisconsin architects and engineers to practice outside the state with fewer design and construction problems.
- More commissions by Wisconsin architects and engineers on federal projects after January 1994 (see below).
- Simpler and more uniform code approval which might lower professional fees and construction costs to clients.
- The ability of Wisconsin architects, engineers, fire and building code officials, and contractors to provide input directly into a national regulatory system.
- Reduce state funds being used to write and publish the variety of state code documents.

The concept of a single national code takes on added importance with the changes in Europe, which offer greater opportunities to develop markets for American building products and provide design services to countries long closed to American manufacturers and professionals because of political barriers. With the United States finally adopting the *Systeme Internationale* (SI) metric measurement for all federal designed projects by January 1994, it is indeed a sobering concept to think of the state agencies converting dimensions, forces and all the other forms of measurement used in the state code. This is a real fear when even a new printing of the state code has typographical errors and omissions in parts of the code not changed from one year to the other.

The goal of this article is to arouse discussion and, more importantly, action to formulate a change that will benefit all of Wisconsin over a long period of time in spite of the immediate awkwardness and problems associated with changing the status quo. The sooner we adopt either BOCA or the UBC the easier any future transitions will be; and we will have a stronger voice in the development of the code rather than having to follow the lead of others.

**EDITOR:** The author is the founder of his own firm in Milwaukee. What do you think of the proposal to adopt a national model code in Wisconsin? Let's get some discussion and debate on this issue.
The Overwhelming Choice in Floor Underlayments.

We've poured our underlayments in apartments, condominiums, office complexes, single-family homes and shopping malls. More than 1 billion square feet of Gyp-Crete®, Gyp-Crete 2000™ and Dura-Cap™ have been installed nationwide. For new construction or renovation, they're the overwhelming choice in poured floor underlayments. Installed at a fraction of the cost of other cementitious underlayments. Here's why:

• Sound and fire control
• Accepts virtually all finished floor goods
• Pour over wood or concrete subfloors
• No shrinkage cracks
• Pourred from featheredge to 3”
• Accepts foot traffic within 90 minutes
• Fast, efficient installation
• Leveling capabilities

Acoustical Floors of Wisconsin
675 Industrial Ct., Ste. C
Hartland, WI 53029
(414) 367-3306

Superior Gypsum Floors
1132 Ashwaubenon St.
Green Bay, WI 54304
(414) 336-7226

GYP-CRETE PRODUCTS

Acoustical Floors of Wisconsin
675 Industrial Ct., Ste. C
Hartland, WI 53029
(414) 367-3306

Superior Gypsum Floors
1132 Ashwaubenon St.
Green Bay, WI 54304
(414) 336-7226

An artistic expression of our expertise - to fashion metal & glass to perfection

Architectural Windows
Window Replacement
Thermoclear® Skylights

Arwin Builders' Specialties, Inc.
2145 South 162nd Street
New Berlin, WI 53151
(414)782-1090
1-800-876-1090
WSA Design Awards
Congratulations to the award-winning architects, owners and contractors involved in the seven projects selected to receive 1993 WSA Honor and Merit Awards.

Honor Award recipients are: Mark Ernst, AIA/Gary Ebben Architect, Milwaukee, for the Menzler Residence in Madison; Kahler Slater Architects, Milwaukee, for the Landmark Lighting program for Milwaukee; Venture Architects, Milwaukee, for the Racine Correctional Institute in Sturtevant; and the Zimmerman Design Group, Milwaukee, for the Firstar—Residential Mortgage Banking Division project in West Allis.

The architects and projects selected to receive Merit Awards are: Kahler Slater Architects for The Blood Research Institute in Milwaukee; MSI General Corporation, Oconomowoc, for Polymer Technologies in Whitewater; and Louis Wasserman & Associates, Shorewood, for Nitro Nightclub in Milwaukee.

The three jurors for the 1993 WSA Design Awards program were Bernard J. Cywinski, AIA, with Bohlin Cywinski Jackson in Philadelphia; Charles E. Dagit, Jr., FAIA, with Dagit•Salyor Architects in Philadelphia; and Merrill L. Elam, AIA, with Scogin Elam Bray Architects in Atlanta. The award-winning projects were selected from 74 entries submitted by WSA-member architects.

Presentation boards of the winning projects will be on display at the 1993 WSA Convention on May 25 & 26 at the Holiday Inn Madison West. The WSA Design Awards will be formally presented to the architects, owners and contractors at the Honor Awards Banquet on May 26. AIA President Susan Maxman, FAIA, is the featured Banquet speaker.

WSA Golf Outing
Cancel all of your appointments for Monday, June 28! That's the date for the WSA's 20th Annual Architect-Exhibitor Golf Outing. This special event is for WSA members and 1993 WSA Convention Exhibitors.

This year, the WSA Golf Outing will return to Old Hickory in Beaver Dam. For more information, please contact Karen Linley at the WSA office.

Continuing Education
The AIA is working with the University of Oklahoma and Oklahoma State University to develop a self-directed, affordable and component-deliverable Continuing Education System (CES). Significant effort has already gone into it; however, many issues remain unresolved in anticipation of a two-year volunteer pilot program. Effective in 1996, AIA bylaws require continuing education for membership. The number of credits needed in a calendar year will be determined after the pilot program.

A number of features about CES have already been resolved according to a presentation at the AIA leadership conference in January:
• There will be no exclusions as to who can provide the educational programs.
• Programs can have a variety of formats such as classroom setting, travel, etc.
• AIA/CES will have a listing of available programs through AIA OnLine.
• There will be incentives to attend higher-quality programs. Quality Level 1 is minimum quality, 2 is average and 3 is high quality.

Credits are achieved by contact clock hours (not CEUs) as follows: 10 Level 1 hours = 10 credits, 10 Level 2 hours = 20 credits, and 10 Level 3 hours = 30 credits.

• Level 1 programs are defined as having professional purpose and appropriate human and/or material resources.
• Level 2 programs are defined as having objectives based on perceived needs and interactive learning opportunities (e.g., workshops).
• Level 3 programs are defined as having objectives based on actual needs and contain formal feedback to learners (e.g., report cards). Level 3 programs will need to be submitted to AIA for prior approval; this is expected to take 2-3 weeks. Once a program is approved, it can be repeated many times without further submission.

• AIA/CES will have a central record-keeping database from which individuals can get an electronic or hard copy report.
• One third of the required credits will focus on health, safety and welfare.
• Documentation will begin in formal (post-pilot program) fashion in calendar year 1995; CES will be a
requirement for continued AIA membership starting in 1996.

- AIA will be developing a guidebook for suggested programs.
- AIA Emeritus members will be exempt. Intern members are not exempt.
- It also was recommended that AIA components encourage state registration boards to adopt the AIA/CES program rather than have the situation in which the various states create their own continuing education requirements for registered architects in their jurisdiction.

People & Places

William J. Bula, AIA, Shorewood Hills, has been named as principal of architectural design & planning with Flad & Associates, Madison.

The Cudahy High School Addition and Renovation, designed by Plunkett Raysich Architects, Milwaukee, was selected by a panel of judges to be featured in American School & University. The publication showcases 150 of the nation’s award-winning and outstanding educational facilities.

Pat Conway, Intern AIA, Madison, has been appointed to the national AIA Intern/Associate Network as the liaison for the North Central Region. If you have any questions or suggestions regarding Intern and Associate membership programs, contact Pat at (608) 274-2741.

The following WSA members have been approved for Member Emeritus status by the AIA: Norman E. Minster, AIA, Sheboygan; Gerald D. Germanson, AIA, Madison; and James B. Zwack, AIA, Appleton. Congratulations!

The following have been named by the Wisconsin Trust for Historic Preservation as the state’s Ten Most Endangered Historic Properties: Namur Belgian-American District (Door County), Calvary Cemetery Chapel (Milwaukee), Fort Winnebago site (Portage), Needle’s Mill Bridge (Rock County), Lutze Housebarn (Manitowoc County), Astor site (Green Bay), Omro High School (Omro), Read School (Oshkosh), and Collins and Conner houses (Madison).

Flad & Associates/Flad Structural Engineers received a 1992 Regional Concrete Design Award from the Wisconsin Ready-Mixed Concrete Association and the Wisconsin Chapter of the American Concrete Institute for their work on the American Family Insurance National Headquarters in Madison.

Joan Suchomel, AIA, Milwaukee, has been named chairman of the Code Advisory Association of Southeastern Wisconsin for 1993-94. Other members of the CAASW include Mark F. Pfaller, AIA, Milwaukee; Jim Schinneller, AIA, Eagle; and John Eagon, AIA, Oregon. For more information about the organization, contact Suchomel at (414) 271-5781.

Membership Action

Please welcome the following new WSA members:

AIA
Lauren Ashley, SW
Todd R. Barnett, SW
William J. Bula, SW
Scott T. Davis, NE
Michael P. Everts, SE
M. David Fuchs, SE
David J. Hoff, SE (Advancement)
Joseph F. Kopecky, SE
Henry A. Kosarzycki, NE (Advancement)
Kenneth W. Kraase, NE (Advancement)
Bradley J. Kramer, SW
Mark J. Kruser, SW (Advancement)
Ronald Lambert, Jr., SE (Advancement)
Alonzo Robinson, SE
William G. Robison, SE
William J. Scheffki, SE
John W. Sorce, SE (Transfer)
Steven E. Wille, NE
Allan W. Wirth, SE

Intern/Associate
A. Anthony De Eulio, SW
William Danuser, SW
Tim L. Mishel, NE
Mary Richter, SE
Sixto Villegas, SW

Professional Affiliate
Nick J. Bukacek, SW
Laurence E. Schmit, SW

Student Affiliate
Susan Schweda, NE
3M 630
Aperture Card Viewer/ Printer w/Auto Card Feed, excellent condition, best offer, call (715) 837-6250

Design more
CLEAR SPAN
in your next building project
with Flexicore/Flexicast Structural Systems —

- Up to 50 feet offers maximum maneuverability for plant operations, warehousing or vehicle traffic.
- Flexicore floors/ceilings are maintenance free and fire resistant.
- Cost effective compared to other systems. Job quotations include delivery and erection by experienced Mid-States personnel.
- Mid-States offers factory controlled high strength quality Flexicore.

For more information, call or write—

MID-STATES CONCRETE PRODUCTS CO.
Box 58, Beloit, WI 53512
Phone 1-800-236-1072 Fax 1-815-389-2339

Windows & Doors.
3MCO
A Three Rivers Aluminum Company

PROFESSIONALISM...
FROM START TO FINISH.

J.F. Cook Co., Inc.
P.O. BOX 88 1177 W. NORTHBRANCH DR. OAK CREEK, WI 53154
(414) 762-4000 • FAX: (414) 762-5480

Historical Restoration Capabilities
Since the Americans With Disabilities Act went into effect on July 26, 1992, Waupaca Elevator Company has seen an increase in orders for its Accessibility-Lifts, a company spokesperson said. "For many businesses who have to comply with the Act, the cost of installation of regulation size elevators may be prohibitive. In many cases, depending on state and local codes, they may be in compliance with the installation of a Waupaca Elevator Accessibility-Lift, while controlling costs and without using stairways needed for exit routes or busy stairway traffic," the spokesperson said. Years of experience in meeting the special requirements of the physically challenged have gone into the design and manufacture of Waupaca Elevator Accessibility-Lifts.

Available in the company's Contemporary and Estate cab models, the Accessibility-Lifts can travel up to 30 feet per minute with a live load capacity of up to 500 lbs. (36 feet per minute and 750 lbs. on hydraulic models). Travel is up to 50 feet (per code). With a depth of 54" and a net gate opening width of 32", they can easily accommodate a wheelchair occupant and companion or attendant. Emergency light packages and key station operation are available as options.

Waupaca Elevator, founded in 1957, is a leader in the manufacture of Custom-Lift residential elevators, Accessibility-Lifts and dumbwaiters. Further information on any of its products can be obtained by writing Waupaca Elevator Co., PO Box 246, Waupaca, WI 54981; phone 800-238-8739.

The GT 700 Gemini door system by Gyro Tech is the affordable solution for conversion from manual operating doors to automated access for the physically challenged. This unit can be used in a variety of environments including but not limited to healthcare facilities, hotels, restaurants, supermarkets and malls.

The operator is a self-contained compact 32" unit that uses solid state electronics throughout. The GT 700 is surface-mounted for easy installation on existing doors. It offers an opening speed control which is adjustable with a 0 to 60 second hold open delay.

For safety, the GT 700 has an automatic "recycle" that is designed to stop and reverse the door's motion if a person is obstructing the passageway, which causes the door to close. The push 'n' go feature automatically opens the door completely once it has been pushed manually a distance of four inches.

For further information on Gyro Tech door systems, call Gyro Tech at (414) 679-0045.

Lightweight and durable, prefabricated exterior panels from Eastern Exterior Wall Systems can be used in recladding applications to deliver a variety of contemporary finishes, often without removing the previous facade.

Manufactured with light-gauge galvanized steel framing, prefabricated panels can weigh up to 75% less than other cladings systems. As a result, the panels usually can be attached directly to a building's existing facade or through to its substructure.

Prefabricated panels enable architects and designers to choose from a wide array of cladings: stone, thin brick, ceramic tile, glass, aluminum, EIFS and more. Two or more cladings can be combined within a panel to create a composite construction, offering an almost unlimited number of design options.

The panels can be constructed to form cantilevers, curved walls, parapets and other special configurations to further enhance a building's appearance without altering its substructure.

For more information about exterior renovations with prefabricated panels, call Joseph P. Anderson, director of marketing, at (800) 355-3397 or (215) 866-5522 or write to Eastern Exterior Wall Systems, PO Box 20130, Lehigh Valley, PA 18002-0130.

The GT 700 Gemini door system by Gyro Tech is the affordable solution for conversion from manual operating doors to automated access for the physically challenged. This unit can be used in a variety of environments including but not limited to healthcare facilities, hotels, restaurants, supermarkets and malls.

For further information on Gyro Tech door systems, call Gyro Tech at (414) 679-0045.

Lightweight and durable, prefabricated exterior panels from Eastern Exterior Wall Systems can be used in recladding applications to deliver a variety of contemporary finishes, often without removing the previous facade.

Manufactured with light-gauge galvanized steel framing, prefabricated panels can weigh up to 75% less than other cladings systems. As a result, the panels usually can be attached directly to a building's existing facade or through to its substructure.

Prefabricated panels enable architects and designers to choose from a wide array of cladings: stone, thin brick, ceramic tile, glass, aluminum, EIFS and more. Two or more cladings can be combined within a panel to create a composite construction, offering an almost unlimited number of design options.

The panels can be constructed to form cantilevers, curved walls, parapets and other special configurations to further enhance a building's appearance without altering its substructure.

For more information about exterior renovations with prefabricated panels, call Joseph P. Anderson, director of marketing, at (800) 355-3397 or (215) 866-5522 or write to Eastern Exterior Wall Systems, PO Box 20130, Lehigh Valley, PA 18002-0130.

Landscape Forms, Inc.'s Manistee Bench, with its elegant curves, provides its users with a comfortable yet highly durable place to sit.

The option of either a metal grid or a perforated metal seat panel gives specifiers the choice of appearance and texture. The Manistee Bench is available in nine standard colors; optional colors available. Metal parts are finished with Landscape Forms' Pangard II powdercoat system, a hard, yet flexible coating that resists rusting, chipping, peeling and fading.

For more information on any Landscape Forms products, call 800-521-2546 or write Landscape Forms, Inc., 431 Lawndale Avenue, Kalamazoo, MI 49001; fax (616) 381-3455.
Hiring a sheet metal contractor?

The experience of skilled union craftsmen is your best assurance for maintaining cost control.

The members of the Madison Area Sheet Metal Labor-Management Council are dedicated to helping you control your bottom line on every job — by seeing that you get the most value for your construction dollar. Value means quality, efficiency and craftsmanship. It means using the best trained and most highly skilled labor to get the job done on time, with strict adherence to the highest standards of superior workmanship.

We offer experience, professionalism and reliability — your best guarantee that the job will be done right, and that you'll save money in the long run.
Meeting Room AV Systems Design

Need more help when you design meeting rooms using AV, video computers or teleconferencing systems? Call Flint Bridge at Midwest Visual. 414/784-5880.

neuman pools inc.
CUSTOM DESIGNED POOLS & SPAS SINCE 1973
BUILDERS OF RESIDENTIAL, COMMERCIAL, MUNICIPAL POOLS AND RECREATIONAL WATER AMUSEMENTS
FAX 441-885-3371 • Beaver Dam, WI 53916 • 1-800-472-1214

Keating & Company
Business Development Consulting
specialists in the built environment
• Marketing / Strategic Planning
• Public Relations / Image Management
• Client Satisfaction Programs / Research
• Training / Special Events
4901 North Hollywood Avenue • Milwaukee, Wisconsin 53217
(414) 964-1007

W.L. LEE
& Associates
10968 Hwy. 54 East • Wisconsin Rapids, WI 54444
(715) 424-3131 (715) 344-0068 Toll Free (800) 626-4292

LANG
Wausau, WI (715) 845-1333
Green Bay, WI (414) 435-2488

W. L. LEE
& Associates, Inc.
• Consulting Engineers
• Electrical and Automation Specialists
• Lighting Design
• High, Med, Low Voltage Design
• Systems Design

Supporting practical excellence in architecture. C.R. Meyer and Sons Company Since 1888
895 West 20th Ave., P. O. Box 2157
Oshkosh, WI 54903-2157 (414)235-3350

58 Wisconsin Architect May/June 1993
In days gone by, the biggest plumbing system problem was keeping a good rope on the well. If the rope happened to break, you simply replaced it. Today, it's a little more complicated.

With constant change and technological advances, contractors need a specialized staff with state-of-the-art training to do the job right.

That's why they rely on the Wisconsin Pipe Trades. Our highly skilled craftsmen are all licensed professionals with years of experience and specialty training.

To ensure that your next building project has the best possible craftsmen, choose only contractors who employ Wisconsin Pipe Trades professionals. Call today for more information.