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May/June 1996

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Cover: Private Residence
Architect: Architectural Designs, Inc.
Photography: Ed Purcell

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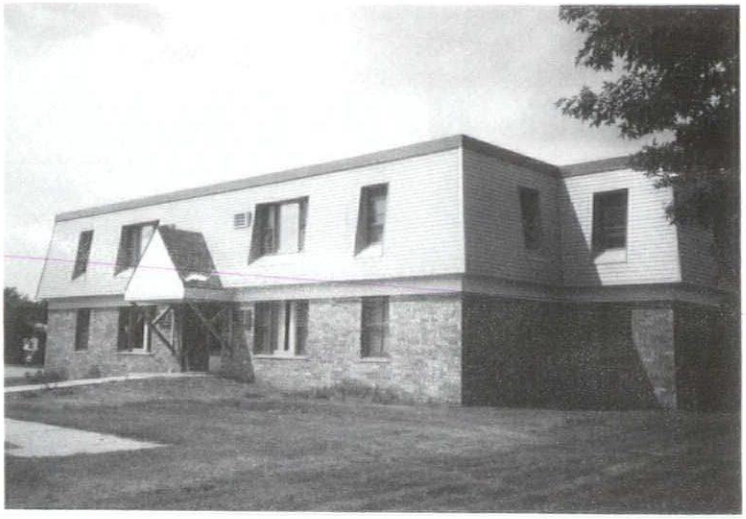
WISCONSIN ARCHITECT (ISSN 1083-9178) *serves the design and construction industry in Wisconsin with circulation to Architects, Engineers, General Contractors, Business and Interior Designers, Landscape Architects, Certified Planners, Developers, Specifiers, Construction Managers, Facilities Managers, Builders, Manufacturers and Suppliers.* Wisconsin Architect *is the official publication of AIA Wisconsin, A Society of The American Institute of Architects, and is published by Wisconsin Architect, Inc. Address all editorial and advertising inquires to: Editor,* Wisconsin Architect, *321 S. Hamilton St., Madison, WI 53703; phone 608/257-8477.* Wisconsin Architect *and AIA Wisconsin disclaim liability for statements by the editors, contributors and advertisers.*



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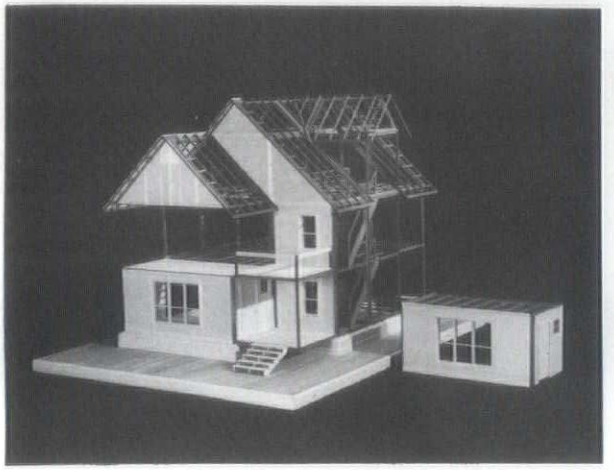
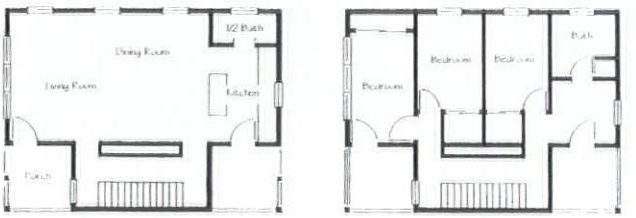
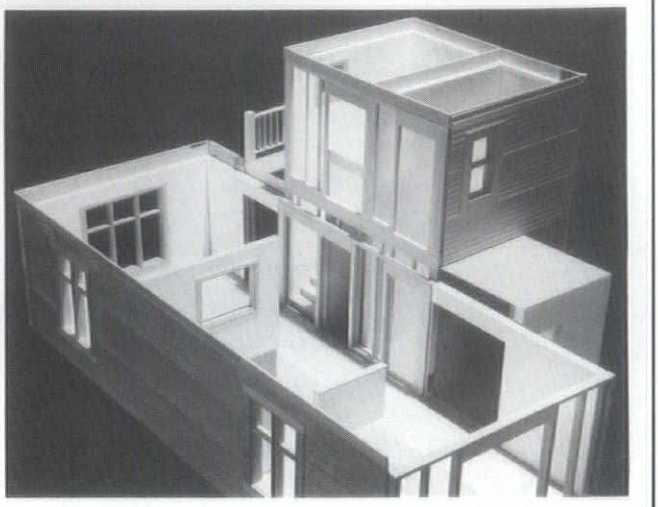
Raised Basement — John Krupka





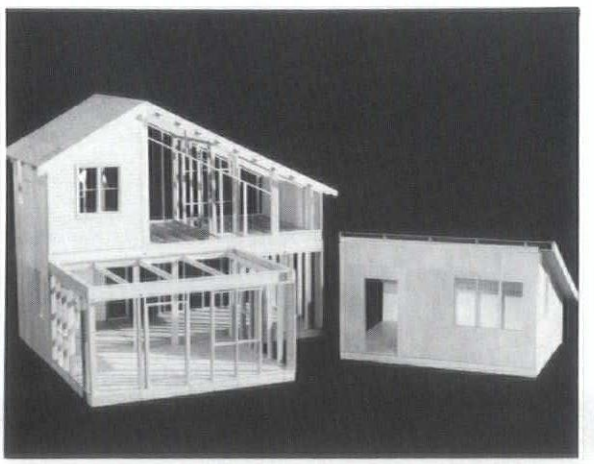
Ground Floor Second Floor

Stacked Units — Christa Loppnow



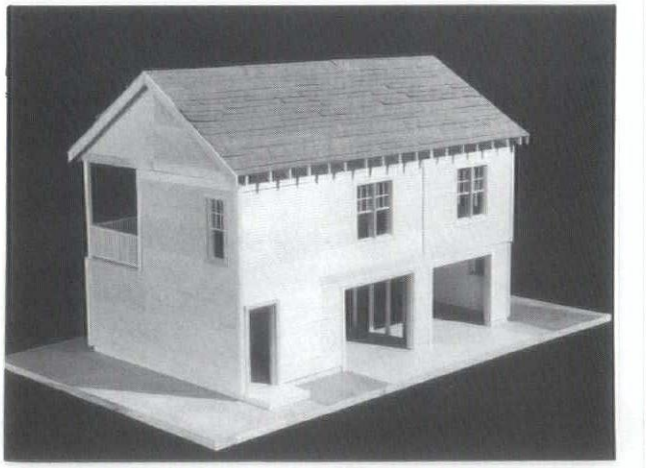
Ground Floor Second Floor

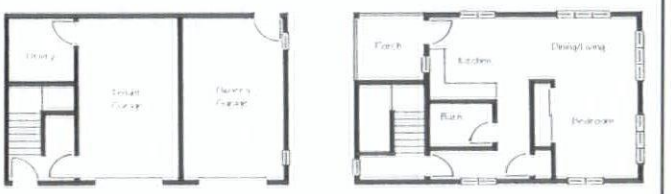
Sloped Roof — Laura Matyas



Ground Floor Second Floor

Granny Flat — Karen Mierow

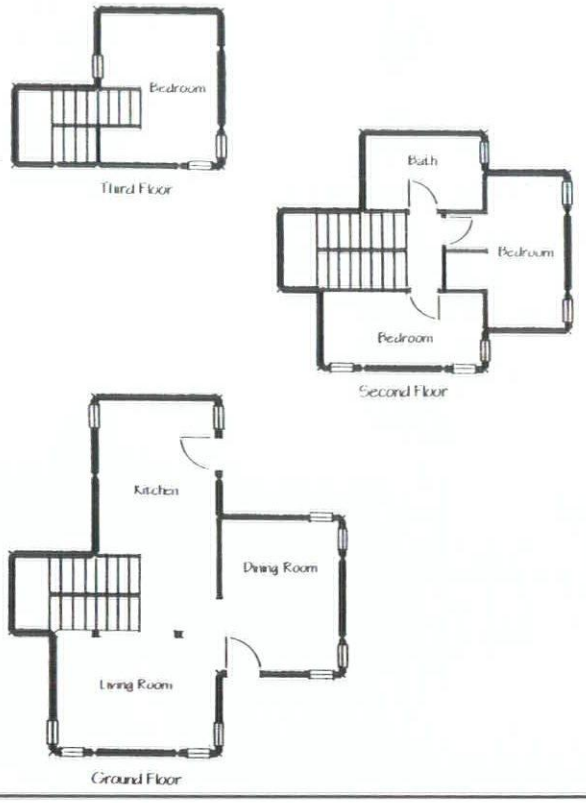




Second Floor

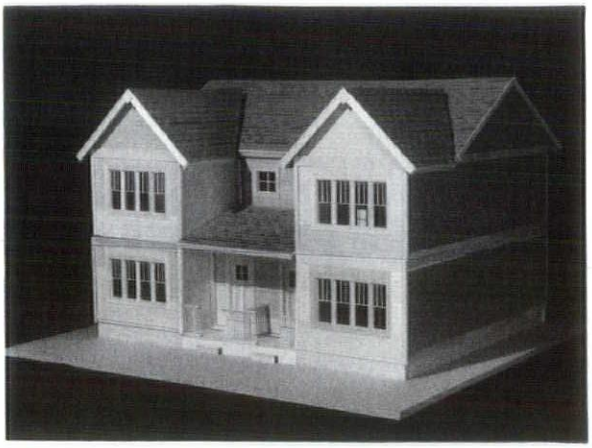
Three Story

Debbie Raders



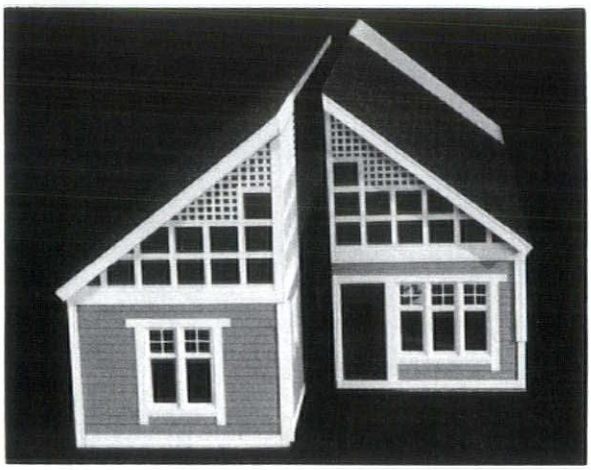
Side-by-Side

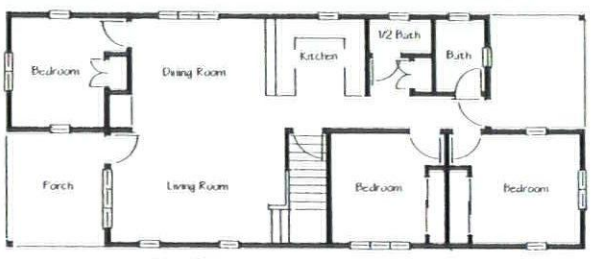
Kori Schneider



Offset Double-Wide

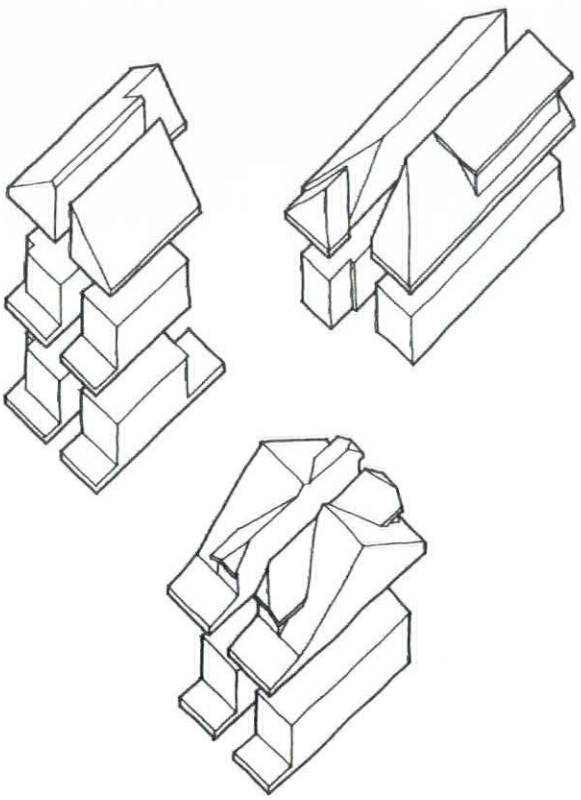
Scott Starks





Existing House Analysis

Carrie Johnson



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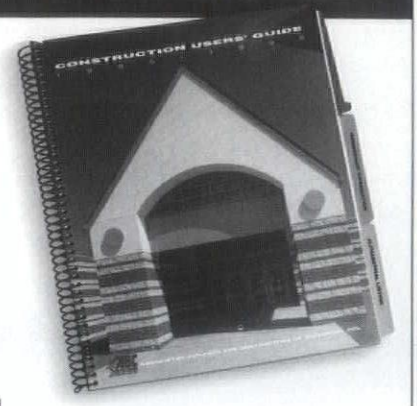

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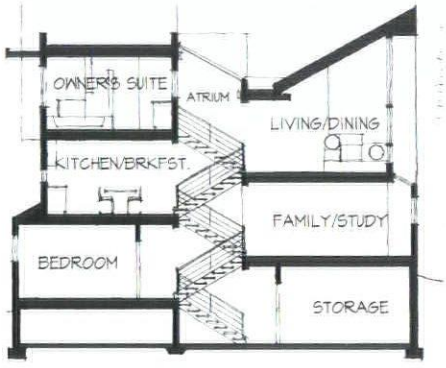
Project	**Lakeside Home**
Location	**Madison, Wisconsin**
Architect	**GMK Architecture, Inc.**
General Contractor	**Design Shelters**

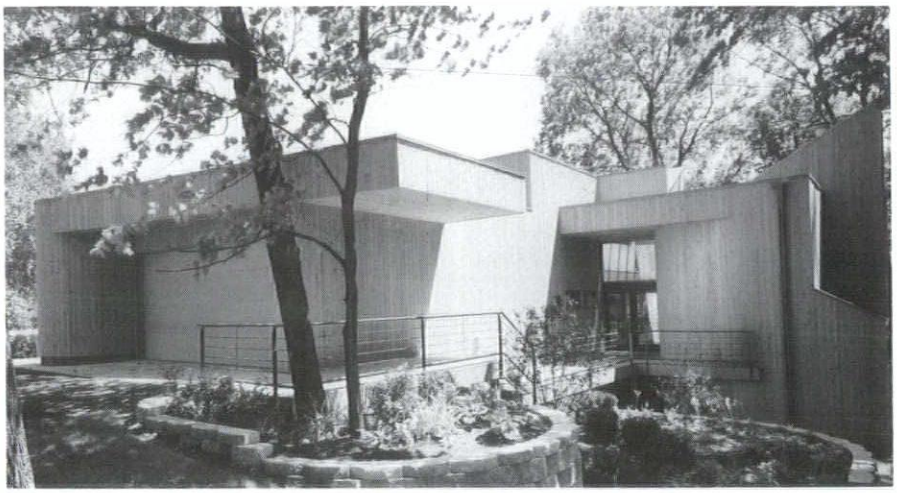
This house of six levels is built on a lot 65 feet wide on the north shore of Lake Mendota, with an across-the-lake view of the Capitol. This fortunate orientation unifies the angle of view, privacy and solar benefits.

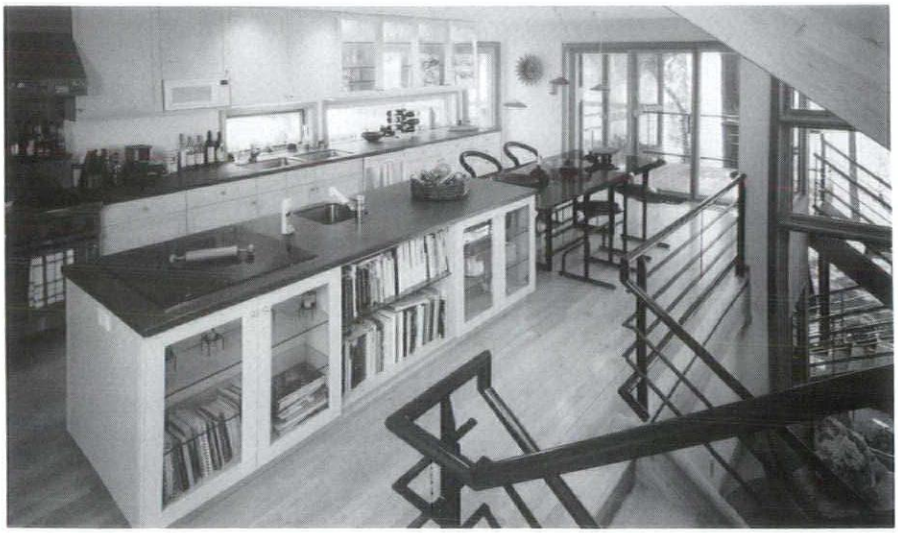
An open "U" shaped stair connects the various levels of this vertical building and bridges a skylit atrium that creates a visual axis extending from the front entry across the lake to the Capitol. Natural light filters through the mature oak canopy overhead. A glass skin on lakeside maximizes the view. The floors extend out to decks cascading down to the water.

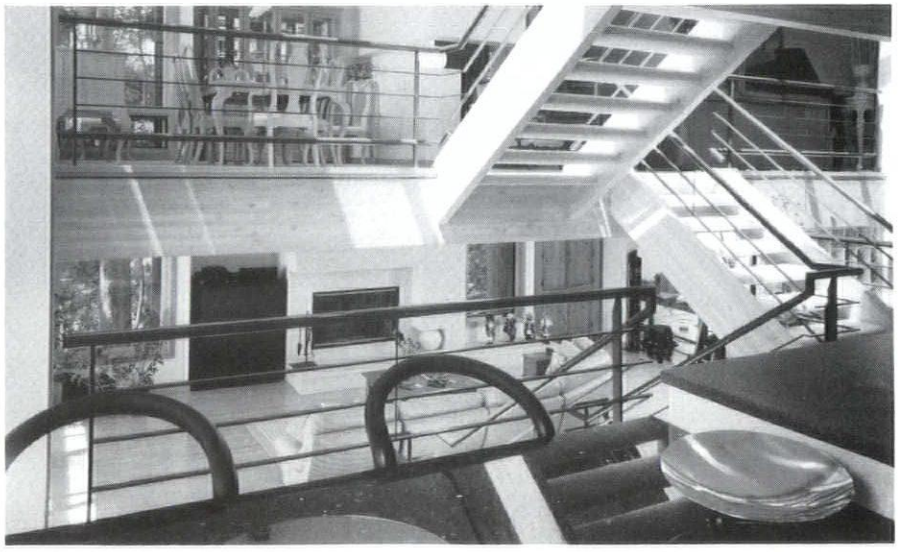
The design includes three bedrooms plus an isolated master suite, formal and informal dining and living spaces and an attached garage. Bleached cedar, maple floors and accents of travertine marble and granite present a bright and long lasting interior.

Photography: Joe DeMaio







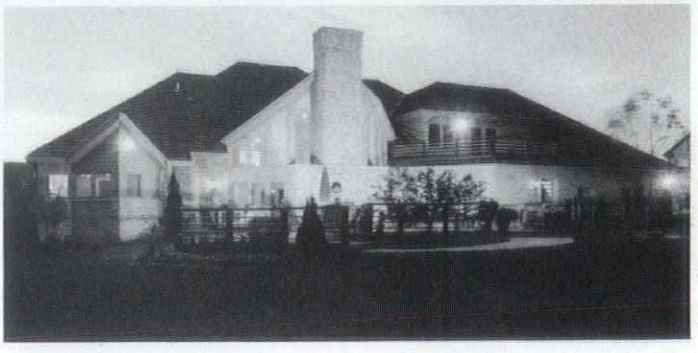


Project	**Private Residence**
Location	**Mequon, Wisconsin**
Architect	**Architectural Designs, Inc.**
Construction Manager	**Architectural Designs, Inc.**

Challenges to the designer on this project were the need for privacy, request for master suites on both first and second floors and, finally, request for contemporary interior with a traditional exterior.

The main focus is the family room with cathedral ceilings and a wall of windows toward the east, overlooking terrace, flowers and lawn. The marble foyer has a curving glass staircase with steel railing opening to a second floor balcony which overlooks the family room. Second floor master suite is for visiting family members and also has a full bathroom. The kitchen has French doors opening to the back yard terrace. All windows are arranged for both privacy and view.

Photography: Ed Purcell



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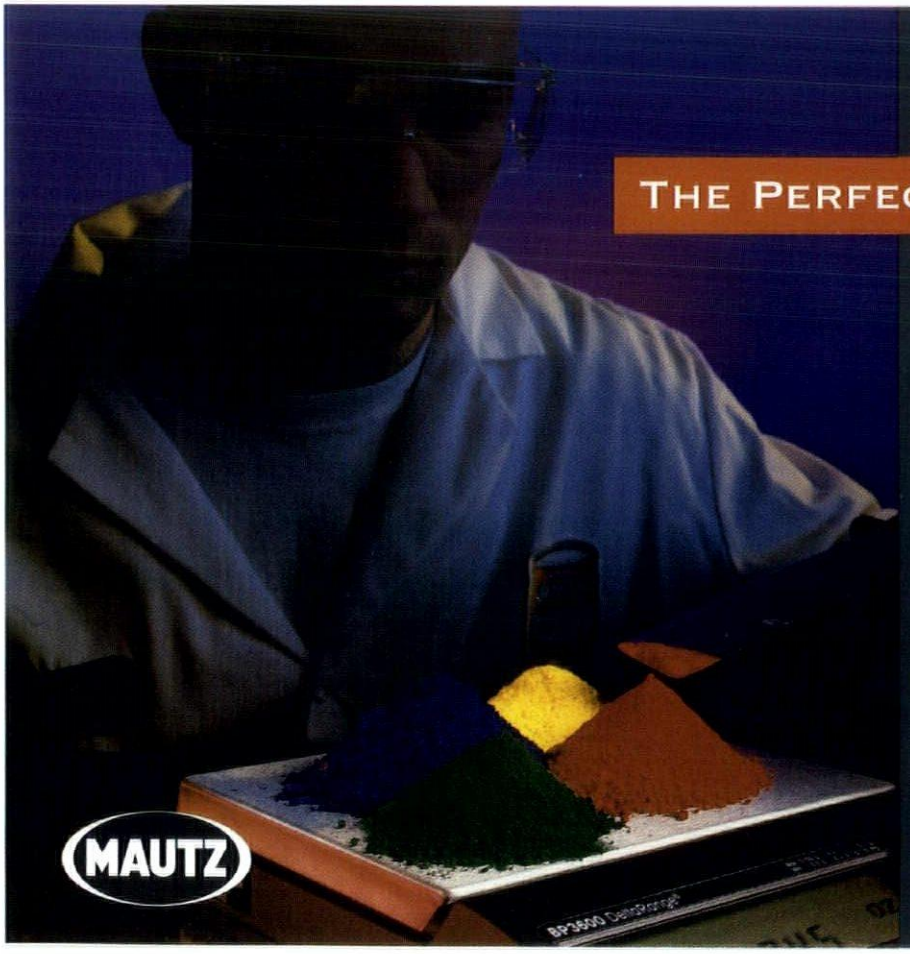

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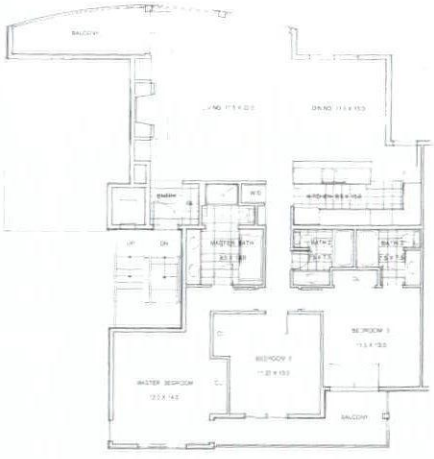
Project	**Trademark Condominiums**
Location	**Winter Park, Colorado**
Architect	**Gary Ebben Architect**
General Contractor	**Kopp Construction**

This residential ski resort, originally conceived in the early 1980s, was purchased by a Milwaukee-based partnership. Underground utilities were in place to conform to the '80s project plan. Road locations were predetermined. New regulations included the requirement of a much larger area of the site left open for snow storage. Average annual snowfall is 360 inches.

A 50 unit project has been designed to residential rather than hotel size scale. These smaller buildings have three story maximum heights and are spaced farther apart to give a sense of privacy. Most buildings are situated around a crescent configuration to give uninterrupted views to each unit. The street facade presents a more articulated image, scale and rhythm. The other side is open to sunlight and stunning views from mountain tops to the river bed in the valley below. A curved floor to ceiling windowall in each unit reflects the panoramic view with an adjoining balcony to continue the gentle arc.

Photography: Gary Ebben, AIA



UPPER FLOOR

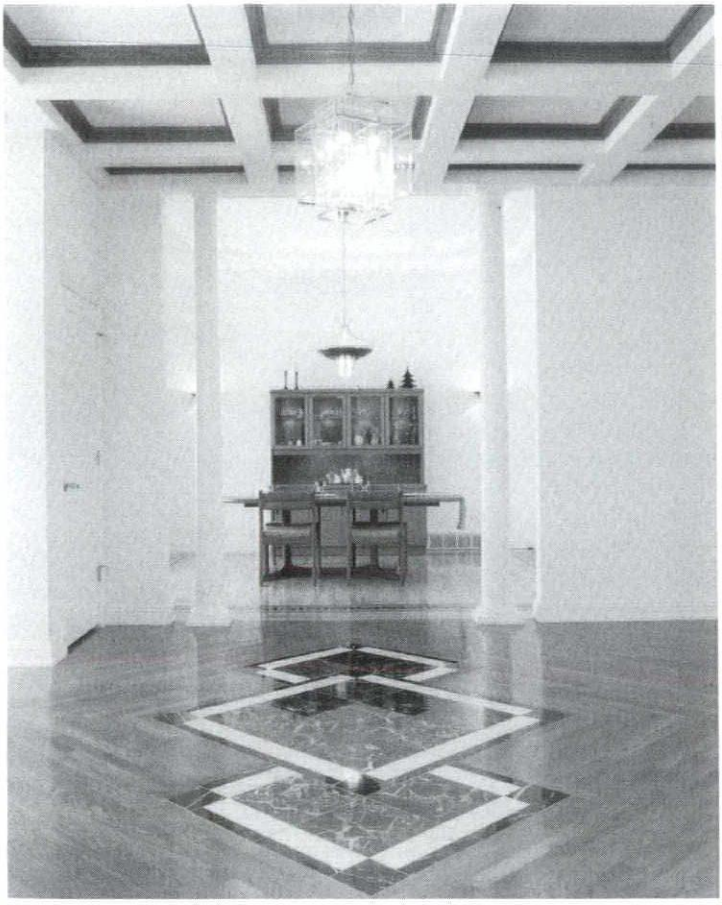
Project	**Private Residence**
Location	**Green Bay, Wisconsin**
Architect	**Caryatid**
General Contractor	**Tim Denissen Construction, Inc.**

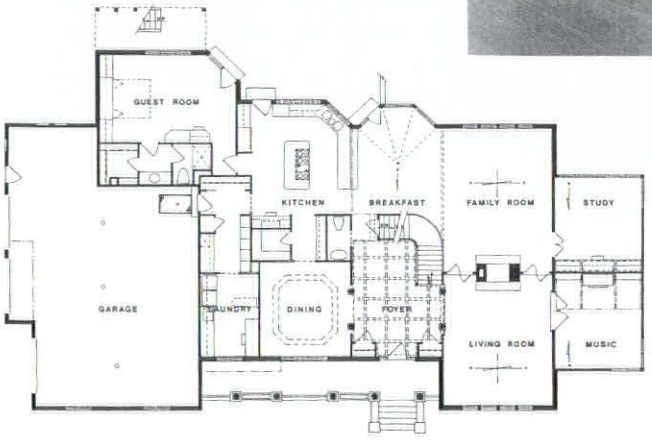
The program called for light-filled, open living spaces for a family of five. Requirements included formal living and dining rooms for entertaining, a music room, family room and home offices for two professional adults.

A traditional front facade with a required front porch fits in with the neighborhood. The north side opens up to a wooded ravine behind the house. The sloping site has a 14-16 foot drop across its east-west axis.

Many built-in features provide special storage and amenities. Transom windows, skylights, roof windows and clerestory windows maximize natural light and views to the outside. Terraced planting beds provide a transition from upper to lower patios. The walkout basement has windows on three sides.

Photography: Karen Sathoff, AIA, and Steve Ryan





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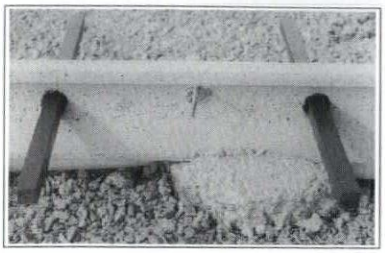

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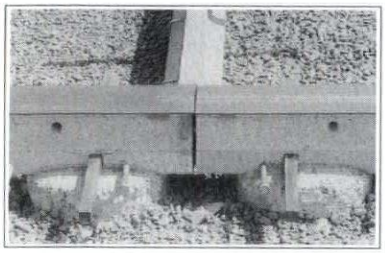
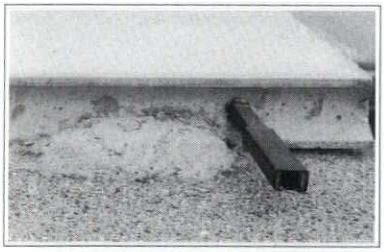
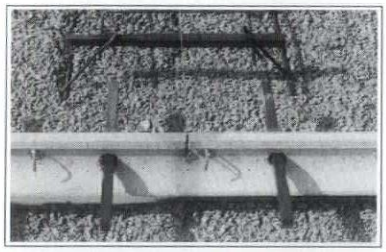
provide an economical forming system, achieving exacting tolerances without puncturing vapor barriers and insulation. Square dowels provide additional load transfer capability at the joints.



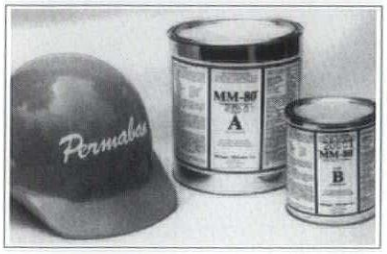
STEEL ANGLE JOINTS
offer armored protection for construction joints subjected to hard wheeled forklift traffic.



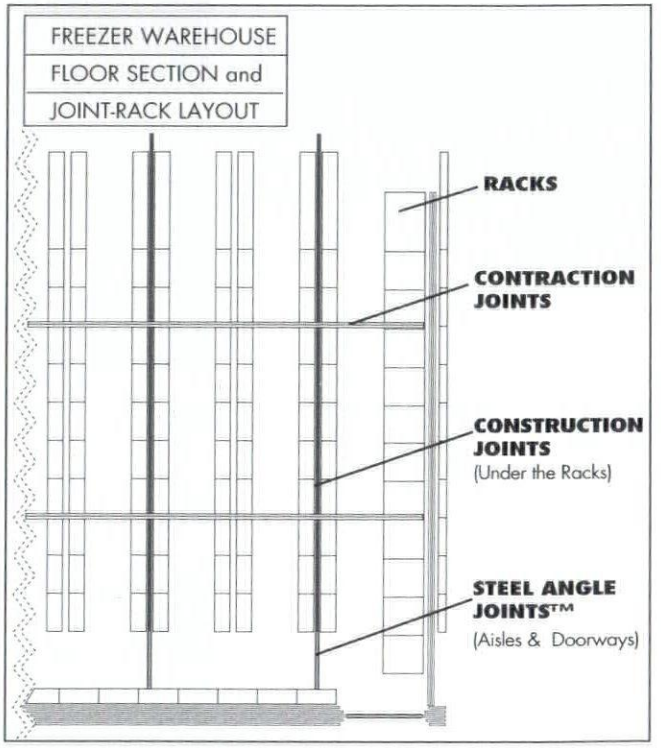
EXPANDO-LOK CLIPS
eliminate cracking caused by dowels. The clips fit over square dowels allowing horizontal movement due to shrinkage and/or differential expansion.



SQUARE DOWELS & DOWEL BASKETS
at contraction joints assure increased load carrying capability after shrinkage takes place.



JOINT FILLING
A two part semi-rigid epoxy should be used to protect the leading edge at constuction and contraction joints.



NOTES:

CONTRACTION JOINTS
- Permaban 3/4" x 18" square dowels @1' centers in dowel basket
- Permaban Expando-Lok™ on 2/3 bar length
- Permaban Freezer-Fil™ in all joints

CONSTRUCTION JOINTS
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- Permaban Expando-Lok™ on 1/2 bar length
- Permaban Freezer-Fil™ in all joints

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Project	**Private Residence**
Location	**Mequon, Wisconsin**
Architect	**Vetter Denk Architects, Inc.**
General Contractor	**Jens Construction Corp.**

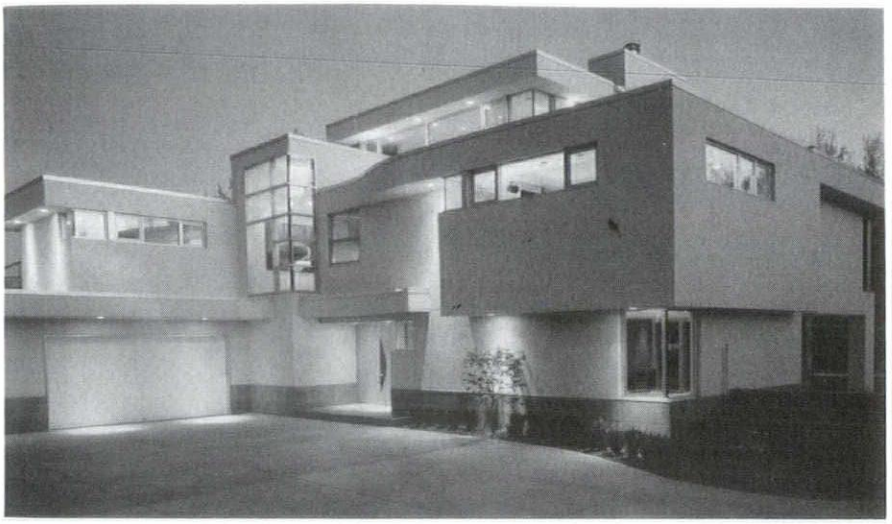
Client request for this house was a high-tech imagery of the 1920s and 30s Modernist Movement, such as those which dotted the southern California coast.

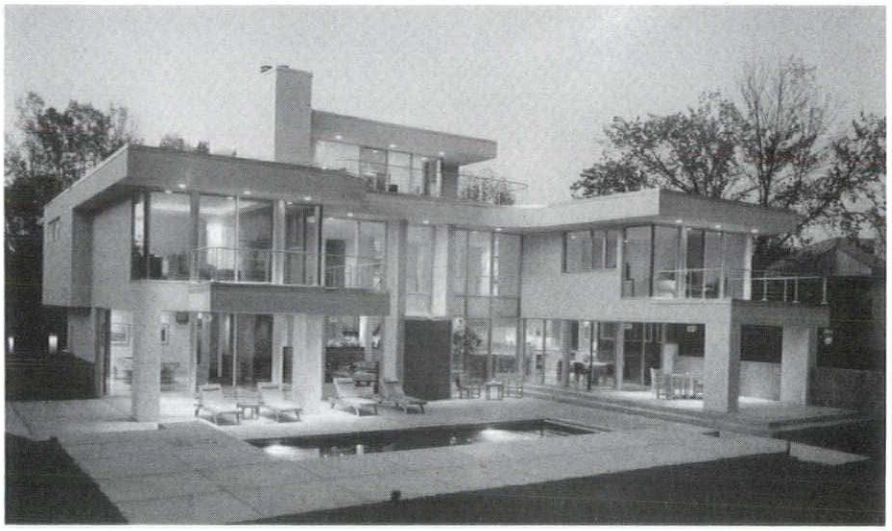
The challenge was twofold: blending in with a conventional suburban setting and creating a warm soothing environment with a style notorious for being cold and harsh.

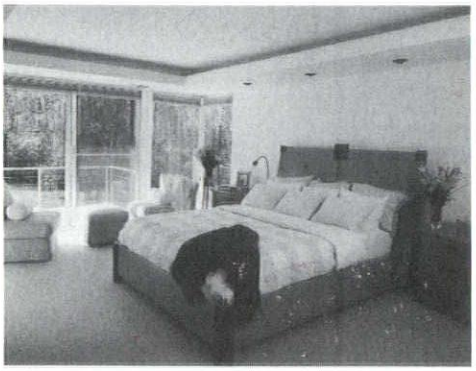
Privacy and a sense of shelter were enhanced by masonry screen walls extending from the house and dissolving into the landscape. This also helped address the issue of "fitting in" with the subdivision. Using trees and orientation wisely, private and semiprivate areas were created in spite of close neighbors.

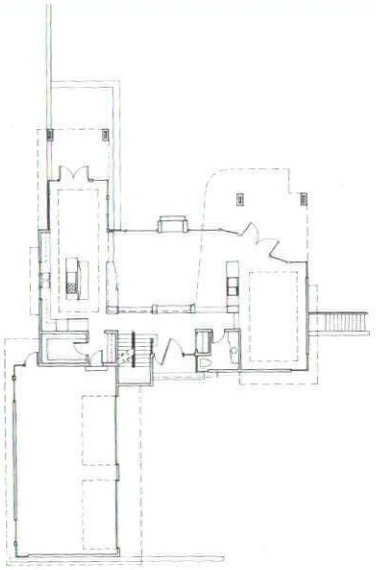
To bring a warm vitality to the interior, window walls, natural materials and emphasis on honest construction details were employed.

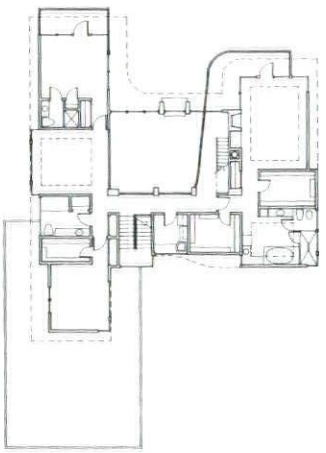
Photography: Brian Malloy











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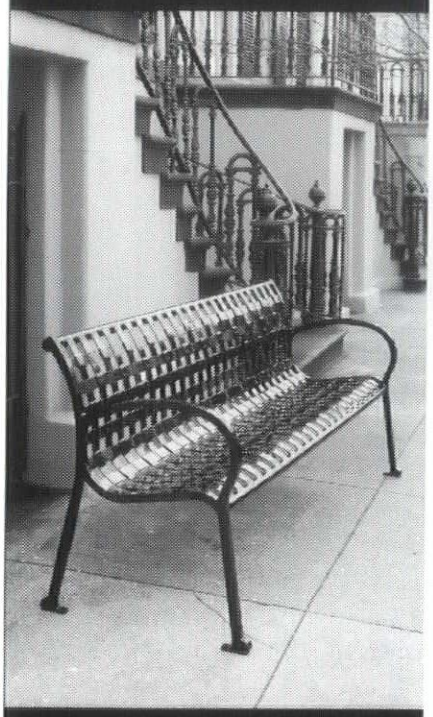

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Project	**Country Residence**
Location	**Western Wisconsin**
Architect	**Solner and Associates**
Construction Manager	**Solner and Associates**

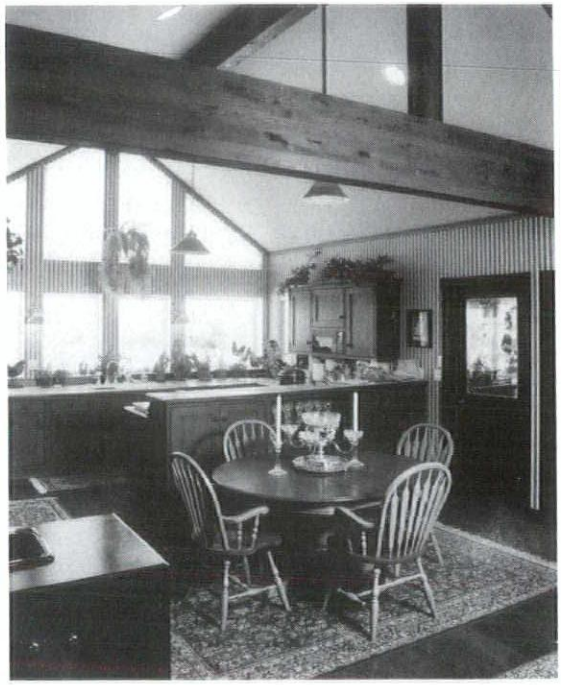
A scenic hilly rocky twenty-two acre site was purchased with the intention of building a simple weekend retreat. Panoramic views, delightful seasonal changes and the bounding wildlife changed the owner's plans.

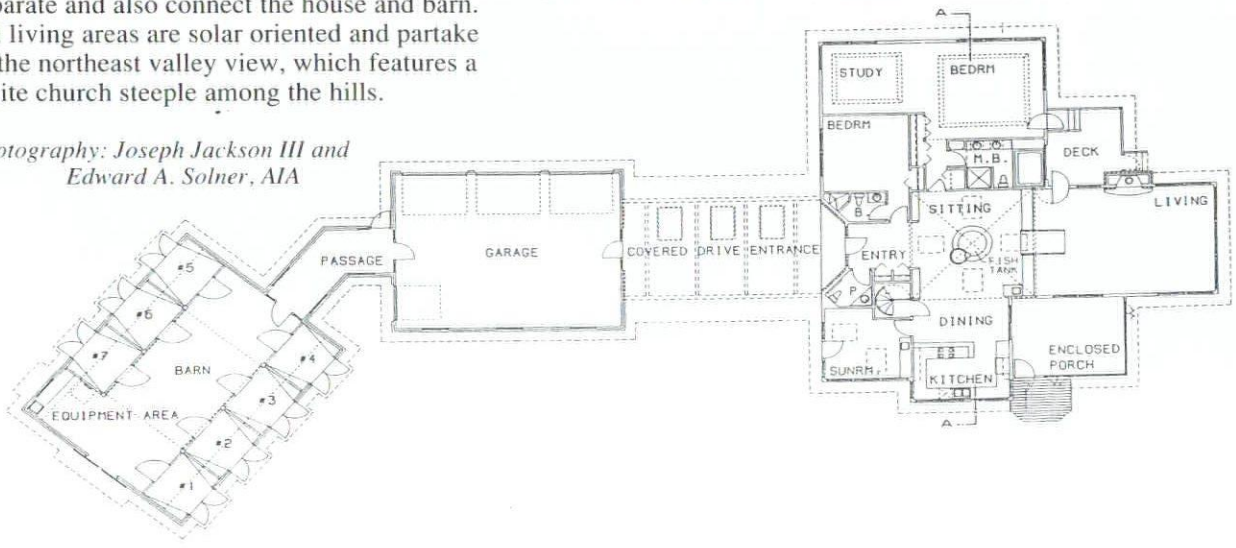
The result is a large expanded permanent home, with zones designed to accommodate the many unusual hobbies and activities of the family.

Raising canaries and other small birds for sale is one hobby. Space is provided on the lower level with light/dark and day/night cycles automatically attuned to the needs of propagating young birds. In addition to horticulture, they raise sheep, guinea hens, turkeys and tropical fish. A six-foot deep fish tank is located in the core of the home. The barn is heated and insulated. The barn loft provides hay storage and serves as an observation deck.

A gracious porte-cochere and three-car garage separate and also connect the house and barn. All living areas are solar oriented and partake of the northeast valley view, which features a white church steeple among the hills.

Photography: Joseph Jackson III and Edward A. Solner, AIA





Project	**General Casualty Insurance Cafeteria Interior**
Location	**Sun Prairie, Wisconsin**
Architect	**Potter Lawson, Inc.**
General Contractor	**J.H. Findorff & Son**

"Hightech Oriental" is a description given to the new decor in the cafeteria of an existing General Casualty Insurance building.

Drywall partitions were removed to expose the existing structure. A series of perforated metal canopies were erected to define circulation and separate dining areas.

Circulation corridors were further defined with slate and polished granite flooring. A sense of exterior lighting was created by backlit translucent panels supported by cobalt blue maple fins. The hard structural lines are softened by suspended backlit sail cloth clouds, bright fabrics and carpeting.

The relationship of interior to exterior is emphasized by creating a wave pattern in the carpeting which mimics wave patterns in a pond, around which cafeteria circulation centers.

Photography: James Potter, AIA

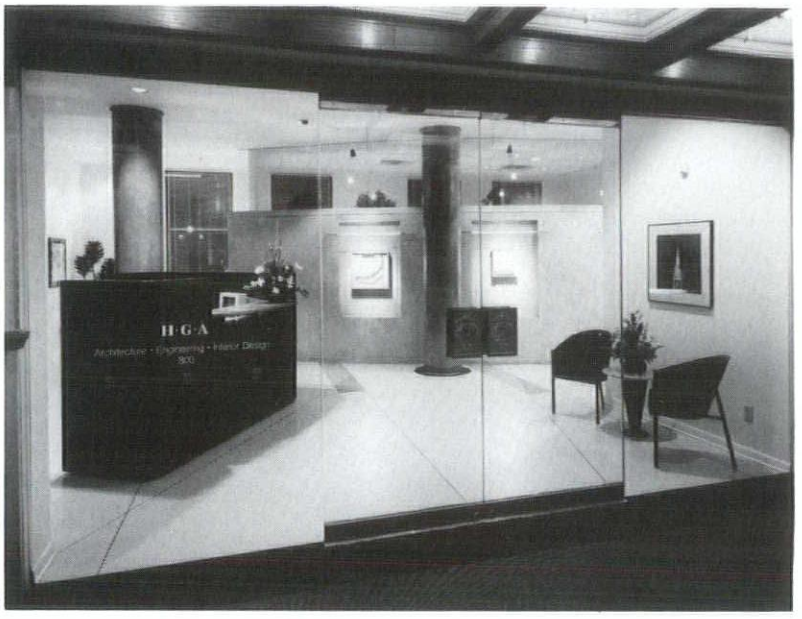
Project	**Architectural Office**
Location	**Milwaukee, Wisconsin**
Architect	**Hammel Green and Abrahamson, Inc.**
General Contractor	**Zoschke & Company**

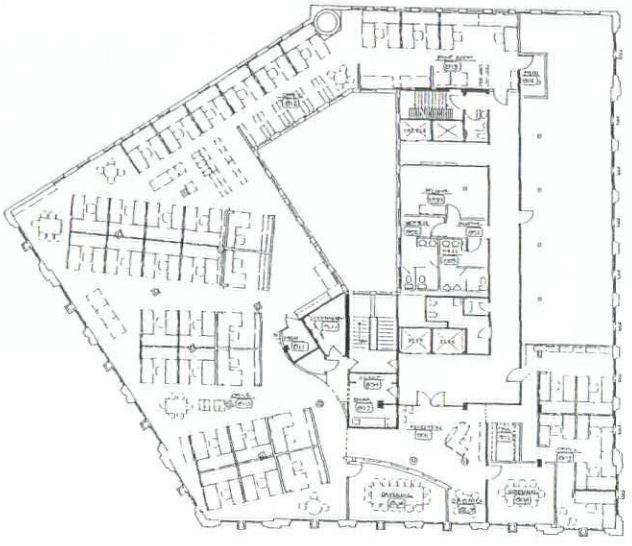
A dynamic studio environment to facilitate communication and promote creativity was required for 45 professionals. The available space was in a historic building and had housed a newspaper printing plant. The structural system of the building was set on 16' x 16' bays, which hindered flexibility.

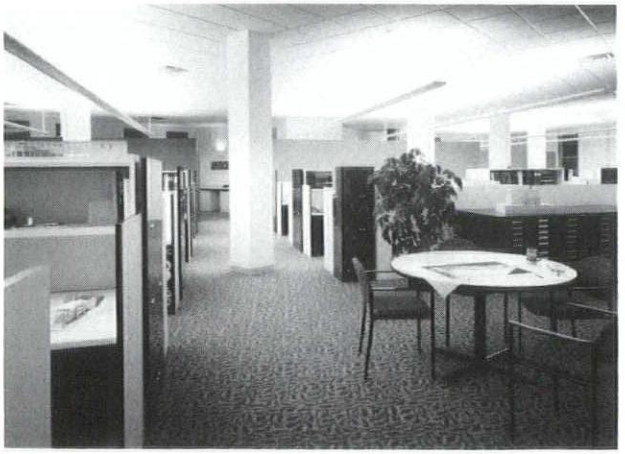
With respect to these structural bays, work stations are arranged in a fan-shaped layout. The splayed geometry of the work stations created a series of meeting areas which helps embrace the teamwork philosophy.

As visitors step off the elevator of this eighth floor office, they see a curved display wall in the reception area. Basswood models of works in progress occupy illuminated niches in this wall. Carefully chosen furnishings and accent colors contrast with the neutral background.

Photography: Edward Purcell







Project	**Alexander's Sports Bar**
Location	**Milwaukee, Wisconsin**
Architect	**Schueft Design Associates Architects III, Inc.**
General Contractor	**Dahlman Construction**

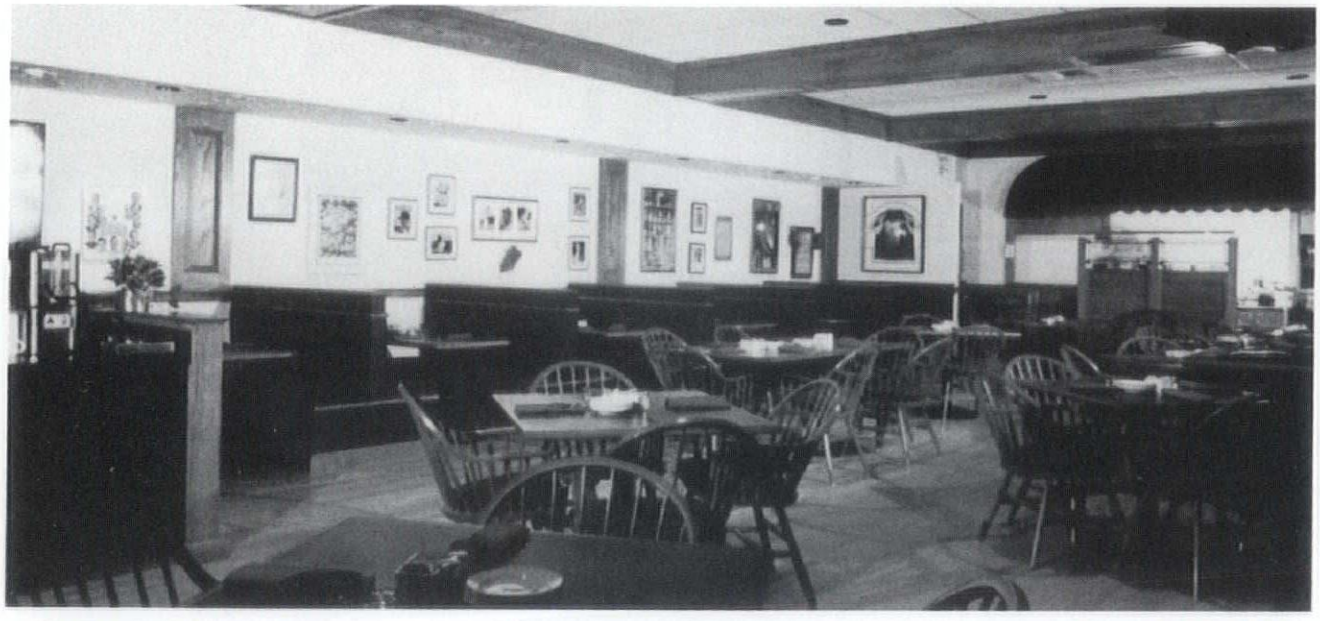
What was once an aging six-lane bowling alley has been transformed into a contemporary and informal gathering place for members & guests of the Wisconsin Club.

This 12,000 sq.ft. renovation includes the 120 seat capacity restaurant & bar as well as a new kitchen, renovated restrooms and employee lounge and a new private entry off of the south parking lot.

The space is divided into three main areas: an entry lounge with stairs and a ramp leading into the lower level, the bar area with informal seating, and the dining area with table and booth seating.

The centerpiece of the space is a large "T" shaped custom oak bar, with a full height etched mirror and oak back bar set against the existing exposed brick bearing wall to the north. The rest of the space is finished with matching paneled oak pilasters with exposed brick or stucco backdrop. Oak soffits run between the pilasters and oak column enclosures, forming a ceiling grid infilled with acoustical panels.

Photography: Dick Bauer



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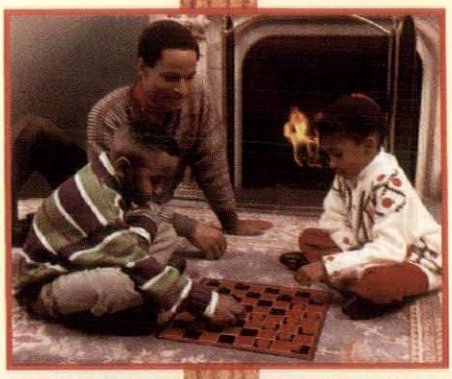

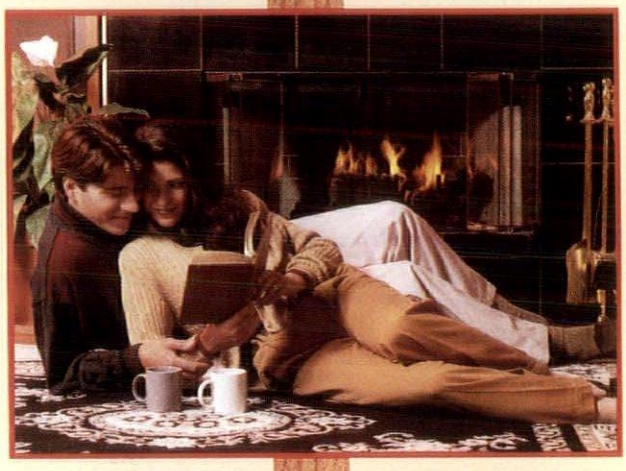

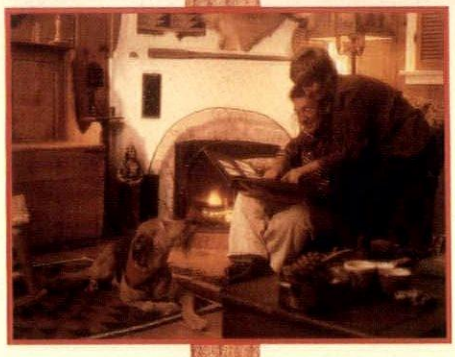

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by James M. Handsel, AIA

Internet Effective in Business Research

The Internet, also known as the Information Superhighway and the "Net," is a network of networks. It uses any form of communication link to create a network of connections between millions of computers worldwide. Like the telephone system, if one path or connection fails there are many other paths available.

However, unlike the telephone system, the rate paid by the person who initiates the communication is not based on how far away the recipient is. The basic charge is either a flat hourly or flat monthly rate, usually around $2.50 per hour or $30 per month. This makes the Net a very cost-effective form of long-distance communication.

Broken down to its simplest form, the Net really only offers four basic functions:

- Information—research and retrieval
- Information exchange
- Information supply
- Black hole of time

Information—Research and Retrieval

In this case, Internet users know what they are looking for and may or may not know where to find it. If they do know, then the Net becomes an excellent cost-effective resource for information retrieval. If they don't know, then the process is a little like visiting a university library to learn about potatoes grown in Ireland during the late 14th century.

You start with the card catalog and go from there. The broader the subject (Ireland) the more options you'll have to wade through; and the more obscure the detail (14th century potatoes) the harder it will be to find. Bring a snack.

The amount of information available on the Net is staggering. Almost anything you could be curious about is out there somewhere. The value of the Net as a research tool is balanced against whatever your other resources are. The Net would be my first choice for checking visiting hours at the Louvre or live video from the space shuttle. But, I'd still go the phone book for vacuum cleaner bags.

Information Exchange

In this case, you're exchanging information between two or more known locations. A good example of this would be e-mail or any other form of file transfer. No one can say enough good things about e-mail. It's cheap, easy, immediate and it mitigates communication problems created by time zones, schedule conflicts, geography and even bad memory.

You create the message at a time and place convenient for you, and the recipients read the message at a time and place convenient for them. If the recipients forget the message they can reread at any time.

The message arrives in seconds no matter where on the planet you send it. Like voice-mail, you can retrieve your messages from anywhere on the planet with telephone service. And, generally, there is no additional charge beyond your monthly base rate whether you send six or 6,000 messages.

In addition to using e-mail for sending messages, you can also use it to send files—CAD, spreadsheet, word processing, data base, etc. A number of firms doing business off island—neighbor islands, mainland, Asia—use it to transfer CAD drawing files instead of an overnight delivery service. Megabytes of information can be transferred in minutes instead of hours or days; if something goes wrong you can resend immediately. With a 28.8 kilobytes per second modem you can transfer one megabyte of data in about six minutes. This has enormous potential even for moving files around town between design team firms or reprographic services.

The process is deceivingly simple and requires less time than filling out a single overnight delivery form:

- Create the e-mail message.
- "Attach" the file you want to send.
- Send the message.
- Get back to work.

The net really excels at information exchange.

Information Supply

This would be a situation where you have information you want to make available for others to view or download. For this to work, your target audience must know where you are and what you have to offer. If you have a mechanism for getting your home page address out to the target audience, the Net is a phenomenal tool for providing information.

Without the location mechanism, a home page will have roughly the same impact as leaving a stack of business cards at Gordon Biersch's. First someone must be looking for "you" and second they must assume that Gordon Bierch's is a better place to find you than traditional methods like the yellow pages. Current demographics suggest that the Net would not be the most effective marketing tool, at least for this industry. The demographics will change with time, but so will the size of the haystack.

'Black Hole' of Time

Imagine being 10 years old and your parents dropped you off at a Disneyland where 100 new rides are added every hour. Or, imagine you're that same 10-year-old with a report on 14th century Irish potatoes due Monday and your encyclopedia covers every topic known to man in at least 500 different places, and . . . it's fun just looking for stuff. How many things are you going to look at before you actually get around to finding the section on Irish spuds?

If you are saying to yourself, "What do I have in common with a 10-year-old?" Think again. Once you log on to the Net, your "professional age" decreases by the minute.

Last week I spent the evening with a friend in his mid-40s that is a vice president of a local Fortune 500 company. My mission was to install a program so he could view a file sent to him, attached to an e-mail message, by a client in Thailand. We had two options, we could either load the program I brought with me or we could try to download one from the Net. Ninety minutes later we tired of the Museum of Modern Art and loaded my program.

The Net dwarfs television, video games and shopping combined as the ultimate black hole of time.

Conclusion

Get a basic account, e-mail at least, on the Net as soon as possible. Do not wait. Do not pass go. Like all other forms of automation, there is a learning curve, the sooner you get over it, the sooner you add another weapon to your arsenal. How many overnight delivery charges does it take to cover the $30 per month access charge. Next, for the same reasons, get everyone you do business with on the Net. The more organizations you do business with that are on the Net, the more everyone benefits.

Don't be in a huge hurry to invest a lot of time or money into a home page if you are hoping to snag a ton of new clients. If, on the other hand, you view a home page as an "electronic" business card, a way to create a 24-hour presence and image, and the initial expense of $300 to $,1500 for setup plus $40 to $200 a month for maintenance acceptable, then get on with it. Even a one-person office can create a wonderful impression with a home page.

In spite of everything you've heard, the Net will not make or break your business. It does however, provide a number of new cost-effective ways to handle information flow between staff, clients, consultants and services.

EDITOR: This article was reprinted with permission from Hawaii Pacific Architecture *magazine. The author is president of James M. Handsel and Associates, a firm which specializes in office automation systems, and chairman of the AIA Honolulu Computer-Aided Practice Committee.*

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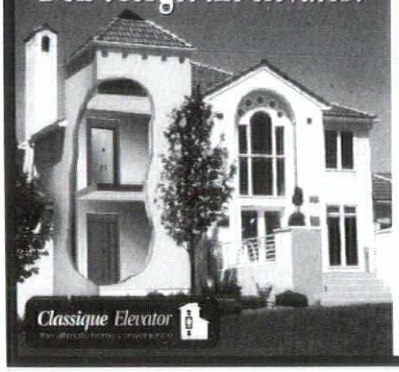

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by Jeremy Schwartzlow

Smart House

Smart House technology is limitless. It provides convenience and energy management—all at a touch of a button.

As the technology becomes more available and popular, it also is becoming more affordable. To fully automate a 2,500 sq. ft. house approximately ten years ago, would cost around $25,000. Today it would cost about $7,500.

A Smart House provides "flexibility in lighting, security and heating or air conditioning," said Bob Anderson, owner of Anderson Electronics, Inc., Madison. Anderson added, "Your imagination is the limit."

Pre-wiring is the main focus of planning a Smart House, according to Anderson. This saves time and money; it also prevents having to cut into pre-existing walls for installation.

Wiring a smart house is actually cheaper than using older less efficient wire such as Romex. A 2,500 sq. ft. Smart House would cost about $750. The smart wires are smaller in size and technologically superior. Smart wires cost about 16 cents per foot compared to the standard wire at $1.75 per foot.

When designing a new house, a small room should be included to hold the computer boards that manage the system. If installed in an existing house, a dry, dust-free closet or open space would be suitable for the location of the system.

Owners can choose from various Smart House features to suit their specific needs.

Smart house technology provides such efficiency that some utilities offer rebates to customers who install these systems. Energy use can be cut by 50% or more.

The HVAC system divides the house into zones. Each zone is categorized by its use and its occupants. For example, zone one (kitchen and dining) is heated to 60 degrees; zone two (living and hall) is increased by 30 percent; and zone three (bedrooms) is increased by 15 percent. Different temperatures are achieved by the same heating and cooling system. However, motorized dampers inside the ductwork regulate the output for each zone. The Smart House computer adjusts the opening of the dampers according to customized heat settings. Most houses have two to six zones. Each zone may have its own thermostat or there can be a centrally located master thermostat to run all zones. Thermostats can be set for time, zone or each person that will be home. By keying in an occupant's name, the system can adjust its settings for each zone being used.

Sun and motion sensors also help adjust the heat. If the sensors detect someone entering the room, it adjusts the temperature in that particular zone. If sun shines through the window, the system either automatically closes the blinds or adjusts the temperature. The temperature settings may be set via remote control or touch tone phone.

By utilizing motion detectors, every light in the home can be programmed. As a person walks through a Smart House, a light turns on as they enter a room and shuts off after they leave, as no motion is detected. If sensors detect motion in the middle of the night, a Smart House can be programmed to turn all of the lights on.

All lights can be controlled from a single point. Lights in certain rooms can be set to dim or brighten depending on time of day, persons present or effect desired. Lights can also be set on timers. For example, when a bedroom alarm clock sounds, the bedroom lights, TV, coffee machine and curling iron all turn on. Also, the lights can be set to shut off when a person leaves the house. Activation sequencing can be over-ridden as can any feature of the Smart House.

Another feature of the Smart House is the security. Security cameras allow the occupants to video monitor both the interior and exterior of the Smart House through the use of a television and strategically placed video cameras.

Home Shows and "Parade of Homes" has increased awareness for Smart Houses according to Karen E. Sathoff, AIA, Green Bay. However, she has not encountered clients requesting it, yet.

Becoming informed about the technology—what works and what doesn't—is key to a truly Smart House.

EDITOR: The author is a student member of AIA Wisconsin and is currently enrolled in the architectural curriculum at Madison Area Technical College.

Smart House Features

General Interior
Lighting
Motion Detectors
Central Vacuum
Window Shades
Heating
Air Conditioning
Alarm
Window Shades

Kitchen
Appliances

Living Room
Video
Audio

Bathroom
Water On/Off
Appliances

Exterior
Motion Detectors
Surveillance Camera
Sprinkler System
Yard Lights
Alarm

by Eric D. Nelson

Energy/HVAC Code

Implementation of new energy efficiency HVAC and lighting requirements in ILHR 63 & 64 has been delayed until April 1, 1997. The Division of Safety & Buildings plans to reconvene its Energy/HVAC Code Advisory Committee to review and develop recommendations for addressing concerns that have been raised about the new code. This article discusses the new energy/HVAC code requirements originally scheduled to become effective on April 1, 1996.—Editor.

"There are a lot of codes enacted that just flat out cost you money. But here's a code where you get your money back." Madison energy consultant Ross DePaola—owner of Integrated Energy Services, Madison, and a speaker at the Energy Center of Wisconsin's building code workshops—thinks that the new commercial code, which goes into force next year, is a win-win deal for Wisconsin and building owners. A win for Wisconsin because the new code will save energy, a win for building owners because they will save money on operating costs.

The changes raise the energy conservation measures in Wisconsin's building code to national standards and brings the state into compliance with the federal Energy Policy Act of 1992. The new code decreases lighting power allowances and requires more switches and controls, especially in daylit areas. It includes cooling, instead of only heating, in building performance, increases insulation in the building envelope, and specifies minimum insulation levels for building components. To improve indoor air quality, the code also requires increased ventilation and more outside air. According to DePaola, lighting controls, lower power allowances and increased building insulation will improve energy efficiency the most.

A Change for the Better

The main benefits of the new code are higher energy efficiency and a better working environment, according to DePaola. "First of all, it's in the interest of the occupants and owners. They're getting the real savings. The changes allow the occupants to have more comfort and control over their space. This could very well increase productivity. If you can increase productivity, energy costs are just a drop in the bucket."

John Eagon, AIA, owner of Premium Planview, a code consulting firm in Oregon, Wisconsin, agrees. "By building energy conservation into the building, you're providing the customer with a better value over the life of the building." Eagon says it also puts buildings in Wisconsin on the same playing field as buildings elsewhere, giving owners the assurance that their buildings will perform as good as their competitors. And because Wisconsin's code will comply with ASHRAE90.1-1989, it makes it easier to network with Minnesota and other states that have adopted this standard.

Eagon tells his experience, "Architects go to design meetings and discuss code issues among themselves. They ask each other, 'How do you handle this or that standard?' You often have people there from different locations with the same code issues and they're wondering how to resolve them. They have a standard language and similar sets of regulations. Being from Wisconsin, we've had *different* sets of standards, and it makes it difficult to participate other than saying, 'We do it differently.' Having the same code as everyone else makes it a lot more effective to transfer information from person to person."

For architects, the biggest impact of the new code are two changes in the envelope requirements. First, to reduce the energy used for air conditioning, the new code limits allowable heat gain and heat loss. This will affect fenestration. Second, insulation requirements for building materials have become more stringent.

Fenestration

Because the new code limits heat gain, windows are now rated on their shading coefficient and U-value. The new code uses window area as an incentive to keep both numbers low. DePaola, who rates new windows and developed Center training materials for the code workshops, explains, "These two numbers work together to determine how much glass you're allowed to have on the exterior of buildings. The lower the U-value and the lower the shading coefficient, the more glass you're allowed to have."

However, because the orientation of fenestration also affects solar heat gain, there's not a direct correlation between heat gain and window area. Eagon, who also speaks at Center workshops, says, "They're limiting the size of windows to limit the heat gain... If your windows are on the north side, it's not the same as if they're on the south side."

Will architects still be able to design glass buildings, such as greenhouse atriums? "My expectation is that it will be very difficult to see things like green house windows," DePaola says, "I have to ask the question, is that a good energy efficiency practice? Are you doing anything to increase the energy efficiency of that building?" But Eagon disagrees, "I would say they should be able to figure out a way to meet the code. It's just a question of documenting it."

Building Materials

Building materials today have more options, which is one reason the new code increases insulation. For example, in the past only R-11 batts were available for 2x4 cavities. But today suppliers offer R-13 and R-15 batts. However, the new code requires minimum insulation *performance*, rather than specific materials, for

walls, windows and roofs. In addition, insulation performance must account for framing and be technically accurate. DePaola relates an example: "In metal buildings people used to drape batts over metal purlins, then screw down a panel over it for a roof. They would then claim this was an R-19 roof. But because of compression, it was really only R-11." Now the code requires an R-22 roof in metal buildings that really is R-22.

Will these materials be expensive or hard to find? According to DePaola, they won't because the new code is based on materials available in 1985. "Many buildings are probably already complying. If you were building in 1985, it might be hard to comply. But since then, costs have gone down. Codes in other states have had these measures for years, so the industry has developed . . ."

Compliance Options

The intention of the changes is to improve building efficiency, not hamper creativity. The new code is flexible and can accommodate unusual designs. Eagon says, "I think the simplest approach in code work is to say, 'The code won't let me do that.' But a good designer will take those extra steps needed to show compliance rather say it can't be done. You have to understand the principles before you can take advantage of the flexibility."

There are three ways to comply with the new code: *components standards*, *system standards*, and *whole building analysis*.

• Components Standards

This method is a series of tables that give minimum insulation standards for windows, opaque walls, roofs and below-grade surfaces, based on degree-day regions. The windows table shows how much window area you're allowed based on occupancy type and window U-value and shading coefficient. For example, if the building was an office in Dane County and the windows had a U-value of 0.25 and a shading coefficient of 0.40, the table would allow a maximum window to wall ratio of 40 percent.

The components standards method is easy but restrictive, because it allows no trade-offs between window and wall insulation. Another disadvantage is that it sorts U-values and shading coefficients into bins. "If you use windows with a U-value of 0.51," DePaola explains, "you're allowed the same percentage of windows as someone who uses windows with a U-value of 0.41. You don't get credit for the better windows."

• System Standards

This is a computer program that allows trade-offs between window and wall insulation, considers window orientation and accounts for small differences in window performance. DePaola believes this method will be used most. Currently, there is only one program certified by the Department of Industry, Labor, and Human Relations, ENVSTD24 developed by Pacific Northwest National Laboratory for the Department of Energy, but Eagon believes that people will develop other compliance programs. Firms can tailor these to meet their needs. They only need to convince the regulators that their programs give equivalent answers. "Find out what the actual energy use is going to be," Eagon says, "then take a look at the code and calculate the maximum energy use you're allowed. Once you have a target value, designers should have the flexibility to keep the building below the target."

• Whole Building Analysis

Whole building analysis simulates energy use in the entire building. This method is the most flexible, but requires a lot of coordination between lighting designers, electrical engineers and HVAC experts. A classical whole building analysis program is DOE-2. This summer, the Department of Energy will release a new easy-to-use whole building analysis program based on DOE-2, tentatively called EZ-COM. Developed by Pacific Northwest National Laboratory, EZ-COM allows full trade-offs between the building envelope, heating and cooling equipment, and lighting.

EDITOR: The author is an Associate Editor at the Energy Center of Wisconsin, a nonprofit organization devoted to energy-efficiency research and outreach programs. The Center sponsors workshops where architects can learn about the new code and how to integrate the latest energy-efficiency technologies into their designs. For more information, call Ann Millonig at (608) 238-8276, ext. 30.

If you have questions on the new code, call the Safety and Building Division at (608) 266-3151. To get copies, call 1-800-DOC-SALE.

For information about the computer programs ENVSTD24 or EZ-COM, call Pacific Northwest Laboratory's Building Energy Standard Hotline at 1-800-270-CODE.

1996 Design Awards

Ten projects have been recognized for excellence in architectural design as part of the 1996 Design Awards program sponsored by AIA Wisconsin. The six Honor Awards and four Merit Awards were presented to the architects, building owners and general contractors during the Design Awards Reception on May 21 at the 1996 AIA Wisconsin Convention in Madison.

The architects and projects receiving 1996 Honor Awards were: Eppstein Uhen Architects, Inc., Milwaukee, and Arnold & O'Sheridan, Inc., for the Third Ward Parking Structure in Milwaukee; Kahler Slater, Milwaukee, for the Betty Brinn Children's Museum in Milwaukee; Kubala Washatko Architects, Inc., Cedarburg, for Knickerbocker Place in Madison; Plunkett Raysich Architects, Milwaukee, for the Federal Courthouse Renovation in Milwaukee; Strang, Inc., Madison, for the BioPharmaceutical Technology Center in Fitchburg; and the Zimmerman Design Group, Milwaukee, for the Summerfest North Entrance in Milwaukee.

The architects and projects selected for 1996 Merit Awards were: Eppstein Uhen Architects, Inc., for the Alumni Union Sports Annex at Marquette University; C.R. Meyer and Sons Company, Oshkosh, for the Firstar—Wautoma Branch Bank; Plunkett Raysich Architects for the Glendale City Hall Remodeling; and Vetter Denk Architects, Inc., Milwaukee, for a private residence in Milwaukee.

The Design Awards jury, including Norma Burns, FAIA, Raleigh, John Clancy, FAIA, Boston, and Frederick Phillips, FAIA, Chicago, selected the award-winning projects from 73 entries submitted by AIA Wisconsin members. Interestingly, John Clancy related how he was a recipient of a Wisconsin Architects Foundation scholarship when he attended MIT.

The ten award-winning projects for 1996 will be featured in the July/August issue of *Wisconsin Architect*.

New Code Delayed

Wisconsin Department of Development (DOD) Secretary William J. McCoshen announced on March 28 that implementation of new air circulation and energy conservation rules will be delayed by one year, until April 1, 1997.

"As the April 1, 1996, deadline drew nearer, it became apparent to me that the construction industry still had significant concerns," McCoshen said. "These are important rules, but we don't need to ramrod these changes through in the heart of the construction season."

The new rules, to be published in Chapters ILHR 63 and 64, Wis. Adm. Code, were developed in response to the federal Energy Policy Act of 1992. They are based on standards developed by the American Society of Heating, Refrigeration & Air-Conditioning Engineers, Inc. (ASHRAE). Federal law requires all states to certify to the U.S. Department of Energy that they are in compliance with these standards.

McCoshen said that the Division of Safety and Buildings (DSB) Energy/HVAC Code Advisory Committee will be reconvened to review and respond to concerns on the new code. The committee is composed of professional building and trades organizations, environmental groups, and other state agencies. It met earlier in March to review specific areas of concern.

"This committee and the DSB have done a good job of developing and providing information on these rules," McCoshen said. "But despite their efforts, the construction industry — particularly small to mid-size Wisconsin contractors — are not prepared for the changes."

Under the reorganization of state government, the DOD will become the Department of Commerce on July 1, 1996. The DSB will be transferred in its entirety from the Department of Industry, Labor and Human Relations, and is currently under McCoshen's policy direction through a memorandum of understanding with DILHR Secretary Carol Skornicka.

For further information, contact Michael Corry, DSB administrator, at (608) 266-1816.

On April 9, Wisconsin's Environmental Decade, Renew Wisconsin, Citizens Utility Board and Ross DePaola filed a lawsuit in Dane County Circuit Court seeking a declaratory judgment blocking the delay in the implementation of the new energy/HVAC code.

Associate Representative

Michael P. Eberle, Assoc. AIA, has been elected as the new Associate Representative on the AIA Wisconsin Board of Directors. Mike is an intern with Flad & Associates, Madison, and has been very active in the Associates Group of AIA Southwest Wisconsin. He will be replacing Greg Sloniger, Assoc. AIA, who soon will become licensed as an architect.

Distinguished Service

AIA Wisconsin has recognized the contributions of John W. Walsh and Mary K. Rouse by awarding each of them a *Citation for Distinguished Service* to the profession of architecture.

Jack Walsh, senior vice president of Cobb Strecker Dunphy & Zimmermann in Madison, was recognized for his support for AIA Wisconsin's innovative Qualification Based Selection (QBS) program for public owners.

Mary Rouse, Dean of Students at UW-Madison, was recognized for her commitment to the preservation of the historic Red Gym and Armory.

Golf Outing

Cancel all your appointments for Monday, June 24, and plan to participate in this year's annual Architect/Exhibitor Golf Outing at Old Hickory in Beaver Dam.

This special event is for AIA Wisconsin members and exhibitors at the 1996 AIA Wisconsin Convention. For more information, please contact the AIA Wisconsin office.

AIA Home Page

The AIA now has a Home Page on the World Wide Web. You can access the AIA Home Page using any Web browser software, such as Netscape or Mosaic, or from consumer online services, such as America Online, Compuserve or Prodigy. The AIA's URL (short for uniform resource locator) is http://www.aia.org/.

Closer to home, AIA Wisconsin's Electronic Media & Technology Committee, with the assistance of Ashraf Sadek, Assoc. AIA, and Greg Peterson, AIA, is exploring options for establishing a Home page for AIA Wisconsin on the Web.

Convention Dates

Mark your calendar for the following dates and locations for future national AIA Conventions:

May 16-19, 1997	New Orleans
May 15-18, 1998	San Francisco
May 7-10, 1999	Dallas
May 5-8, 2000	Philadelphia
May 18-21, 2001	Denver
May 10-13, 2002	Charlotte
May 2-5, 2003	San Diego
May 7-10, 2004	Chicago

The 1997 AIA Wisconsin Convention, *Parti'97*, is scheduled for May 27 & 28 at the Holiday Inn Madison West. Starting in 1998, the state Convention moves to the new Monona Terrace Convention Center in Madison.

People & Places

Milwaukee architect and Emeritus member **Harry A. Ollroggee, AIA,** died in April at age 88. He resided in Thiensville the past few years, but always had his practice in Milwaukee. Throughout most of his career, he was able to focus his practice on churches, parochial schools and other church educational projects.

Kim Dale Hassell, AIA, Cedarburg, and **Michael H. Scherbel, AIA**, Hales Corners, have been named partners of Plunkett Raysich Architects. Hassell will continue with his responsibilities as a project manager and vice president of the firm. Scherbel will continue as a vice president and project manager of the firm's health care division. They can be reached at (414) 359-3060.

Cherie K. Claussen, AIA, Wauwatosa, has been promoted to vice president of Hammel Green and Abrahamson, Inc., Milwaukee. She can be reached at (414) 278-8200.

Gary Durler, AIA, Milwaukee, has joined Eppstein Uhen Architects, Inc., as project architect in the firm's office and interior design studio.

William Babcock, executive director , AIA Wisconsin, and James H. Boniface, AIA,Charlotte, NC, listen as AIA California lobbyist Phil Bujakowski talks about effective government affairs strategies, during a meeting of the national AIA Govenment Affairs Advisory Committee in Washington, D.C.

William Babcock, executive director of AIA Wisconsin, has been appointed to the national AIA Government Affairs Advisory Committee. This committee chaired by Ronald L. Skaggs, FAIA, Dallas, assists the Institute with the formulation of public policies and positions as well as legislative and regulatory priorities.

Durrant Architects, Inc., has relocated to 11310 Theodore Trecker Way, Milwaukee, WI 53214-1135; phone: (414) 443-2626; fax: (414) 443-2620.

The Cedarburg Cultural Center is offering a 90-minute guided walking tour of the historic community at 1:30 p.m. every Saturday and Sunday through October 20. For information call (414) 375-3676.

The Energy Efficient Building Association (EEBA) is holding its 14th annual Excellence in Building Conference and Exposition on November 14-17, 1996, at the Hyatt Regency in Minneapolis. For information, contact Elizabeth Borgeson at (612) 851-9940.

Membership Action

Please welcome the following members to AIA Wisconsin:

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Mark James Lewandowski, SE
Jeffrey C. Raasch, SE

Associate
Sloan W. Brown, SW
David E. Cameron, SW
Duane D. Helwig, SW
Jay Jensen, SW
Eric D. Johnson, SE
Heidi C. Kavanaugh, SE
Thomas P. Matejka
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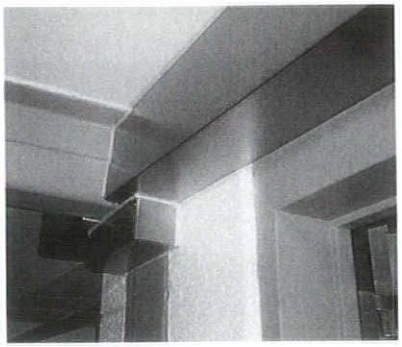

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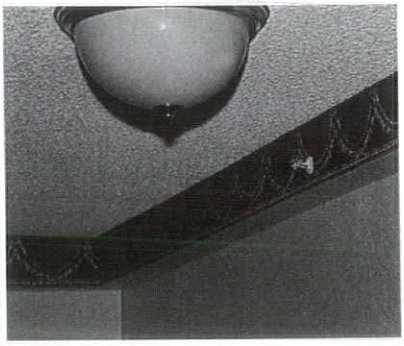

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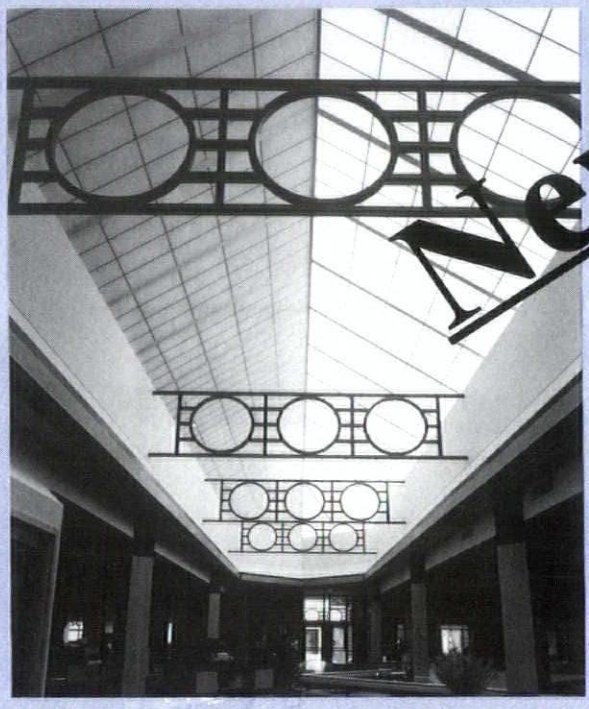

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The International Masonry Institute is now accepting entries for the **1996 Wisconsin Golden Trowel Awards for Architectural Design in Masonry**. Deadline for intent to enter is July 31, 1996. Submissions are due September 16, 1996. To request an entry form, call the IMI at (312) 347-2500 or (800) 438-4751.

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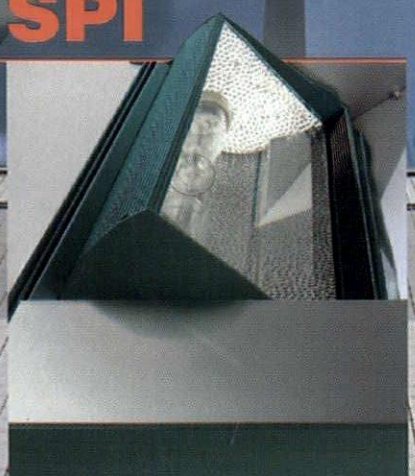
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