We are proud to have been the General Contractor for the EAA World Headquarters Museum and Aviation Center

BEN B. GANTHER COMPANY
CONTRACTORS • ENGINEERS • BUILDERS
SINCE 1900

OSHKOSH • WISCONSIN

Congratulations
EAA and
Brust-Heike/
Design
Associates, Inc.
on a stunning
new building

Furniture by:

InterPlan
Offices and showrooms:
210 W. Silver Spring Drive;
Milwaukee, Wis. 53217. Tel: 964-7500
May 1984

TABLE OF CONTENTS

One For The Good Guys 5

Building Symbolizes The Experimental Spirit Of Aviation 6

State Office Building - Green Bay 12

On The Boards 17

SOCIETY NEWS 19

COVER CREDIT:
EAA Aviation Center,
Oshkosh, Wisconsin
TRUE, BUT...

TRUE. J.W. Peters builds more precast/prestressed concrete parking structures in the Midwest than anyone else; perhaps even more than the next two or three producers combined.

BUT, that's not all we do. J.W. Peters produces architectural concrete and total framing for precast/prestressed concrete office buildings, warehouses, multi-housing projects, bridges and many other structures.

J.W. Peters...versatile, reputable, reliable.

JW PETERS
AND SONS, INC.
34212 West Market Street
Burlington, WI 53105 • (414) 763-2401
Introducing the Infinityoo Bath Whirlpool™. Your mother always told you sharing was a virtue, now Kohler makes it practical, relaxing and good clean fun.

Infinityoo is the same length as a conventional bath but its extra width broadens bathing pleasures infinitely.

It's a luxurious, 20 inch deep, body-contoured whirlpool, with a control panel that eliminates spouts, making sharing comfortable as well as beautiful.

Your dreams of Infinityoo can be realized in Expresso or a variety of Kohler decorator colors. So, whether you're interested in luxurious bathing, invigorating massage or just togetherness, the Infinityoo Bath Whirlpool offers more for one or for two... than just tea.

Visit us for a look at the Infinityoo Bath and other Kohler products for the bath, kitchen, or powder room.

FOR FLIGHTS OF FANCY... A BATH WORTH THE TRIP.
"ATTENTION ARCHITECTS!"
FOR YOUR NEXT PLUMBING
OR HEATING PROJECT, CONSULT
WITH YOUR LOCAL KOHLER DISTRIBUTOR
LISTED HERE.

APPLETON
Baker Manufacturing Co.
550 Hickory Farm Lane
Appleton, WI 54913
Telephone: (414) 734-9284

W. S. Patterson Co.
2100 W. College Ave.
P.O. Box 1177
Appleton, WI 54912
Telephone: (414) 739-3136

GREEN BAY
Murphy Supply Co.
1055 Lake St.
P.O. Box 310
Green Bay, WI 54305
Telephone: (414) 497-7004

JANESVILLE
Automatic Temperature Supplies, Inc. (Branch)
Route #3 — Hwy. 51
Janesville, WI 53545
Telephone: (608) 754-8106

MADISON
Automatic Temperature Supplies, Inc.
1023 E. Main St. (53703)
P.O. Box 1151 (53701)
Madison, WI
Telephone: (608) 257-3755

MILWAUKEE
Milwaukee P & H Supply Co.
1313 W. St. Paul Ave.
Milwaukee, WI 53233
Telephone: (414) 273-3600

United P & H Supply Co.
9947 W. Carmen Ave.
P.O. Box 25342
Milwaukee, WI 53225
Telephone: (414) 464-5100

RHINELANDER
W. S. Patterson Co. (Branch)
1672 Menominee Dr.
Rhineland, WI 54501
Telephone: (715) 362-7824

WISCONSIN RAPIDS
W. S. Patterson Co. (Branch)
2111 Engel Road
Wisconsin Rapids, WI 54494
Telephone: (715) 421-1585
One For The Good Guys

by Eric Englund

It's not uncommon to pick up any publication dealing with architecture or the construction industry and read about a lawsuit brought by an owner or injured third party against the architect and other members of the construction team. While there is no stereotype for these claims, the articles typically cause some heart palpitations on the part of the reader as the reader reflects on the possibility of being sued under some equally bizarre set of circumstances as those set forth in the article. Such palpitations are typically followed by the reader shaking his or her head and wondering why a career in ministry, law or industrial sanitation disposal would not have been a wiser choice.

Looking at these lawsuits through the eyes (and pocket books) of the individual architects who get named as a defendant, there is substantial time, expense, frustration and anxiety associated with defending off these kinds of claims. Granted, there are times when the architect is at fault and the claim is "legitimate". But, given the complex nature of the construction industry it is not uncommon for an architect to be named in such a lawsuit... when there is very little or no basis for a justified legal claim against the architect. While in these latter situations there is still all the frustration, costs and anxiety involved in defending... there can be light at the end of the tunnel i.e. the architect is ultimately vindicated.

The following is a true situation involving Wisconsin architects who defended their position and were vindicated. It's presented to you not only for purposes of providing a psychological lift... but to make you (and your attorney) aware of a real life Wisconsin situation in which the claim against the architect was ultimately dismissed.

The claim involved an elephant, an injured zoo employee, the public owner of the zoo and the architect. The injured zoo employee claimed that her very substantial personal injuries and permanent disability was in part caused by the failure of the architect to properly design the cage that housed the elephant. The injured employee suggested that if the cage had been properly designed, the employee would not have been injured when she was feeding the elephant.

As in all lawsuits, there appears to be substantial variance in the "factual" reports of what specifically happened when the zoo employee was injured. What is clear is the ruling of the judge, after hearing all of the evidence, on the role of the architect in designing the facility and the threshold used to determine and liability on the part of the architect.

Here's the judge talking:

"The issue here is whether or not the architect exercised that degree of care, skill and judgment which is usually exercised under similar circumstances by the average architect providing architectural services in designing an elephant house in the community."

"Specific questions with respect to what would be expected to an average architect in designing such a facility was put to the expert for the injured employee. He indicated that it is appropriate to consult with books and publications, with zoo people of experience in administration and zoo work, and handlers of elephants."

"The record is clear that the project architect consulted zoo publications, reviewed other zoos in the area, talked to experienced zoo personnel, inspected other plans for other zoos and talked to experienced elephant handlers at other zoos."

"It is clear that a provider of architectural services is not a guarantor of the perfection of the plans or the safety or durability of the structure; that all that was expected from the architect was the exercise of ordinary skill and care in light of current knowledge, and only to the knowledge that was available to his profession at the time he was employed."

"I find that, both as a matter of the facts that appear and as a matter of law, that the architect was not negligent with respect to the design of the elephant house at the zoo."

While the WSA office cannot act as your legal counsel, we can act as a repository for decisions such as the one discussed above. Keep these decisions in mind when you are confronted with legal problems. You, or your attorney, may be able to use this resource.

Similarly important is the recognition that the legal system can work for the architectural community. Sure, there was expense, anxiety, frustration and lost time on the part of the architect in defending this claim. But in the long run the architect was vindicated and the court reaffirmed the standard of competence and care to which the entire architectural community should embrace in providing professional services.

P.S. Before you put this article down and get on with your life, think again about the standard of competence that the judge demanded of the architect. In fact... commit it to memory. Architects aren't perfect and have no duty to be perfect. Remember what the judge said:

"It is clear that a provider of architectural services is not a guarantor of the perfection of the plans or the safety or durability of the structure; that all that was expected from the architect was the exercise of ordinary skill and care in light of current knowledge, and only to the knowledge that was available to his profession at the time he was employed."
Building Symbolizes The Experimental Spirit Of Aviation

by Patricia Keating

Since 1970, the “Greatest Aviation Show on Earth” has made Oshkosh, Wisconsin the “spiritual home of aviation”. The Experimental Aircraft Association Convention/Fly-In, attracts people from all over the country and the world (almost one million at the August, 1983 convention), old and young, sophisticated aviation enthusiasts and merely curious onlookers, who convene to participate in or to watch the dramatization of the common man’s desire to fly.

It is appropriate, therefore, that ten years of planning, dreaming and hard work on the part of the EAA culminated last year with the grand opening and dedication of the new Aviation Center. The focal point of this sprawling $10 million complex just east of U.S. Highway 41, is a world-class museum, boasting the largest private aviation collection in the world. There is space for over 200 aircraft, including antiques, Warbirds, homebuilt ultralights, and every kind of general aviation aircraft.

Paul Poberezny, a military pilot, designer, restorer, builder of planes, and recipient of many awards, founded the EAA in 1953. His hobby has swelled into an organization with a current membership of 250,000. It became evident that there should be a permanent EAA headquarters facility for housing the history of private aviation, and acting as a clearinghouse for current private aviation issues. Paul is now Chairman of the EAA Board. His son, Tom, an aerobatic flying champion, member of the Eagles Aerobatic Team and EAA Foundation President, headed the campaign to make this dream become a reality. The project was funded by $7 million in corporate or private contributions, $2.24 million of which was raised in Wisconsin. A $3 million endowment fund will be used for expansion of the facility and its exhibits.

The first convention with only 40 planes was held 30 years ago at Oshkosh. Since 1960-1970, the event was held at Rockford, Illinois Municipal Airport. As crowds grew, it was moved to Wittman Field in Oshkosh, which for the week of the convention, has become the world’s busiest airport. For the last two years, the event has been named one of the top 10 attractions in the country.

It is estimated that $40 million per year in State revenue is raised by the EAA Aviation Center, 72% of which comes from out-of-state tourists, making it the largest single attraction in Wisconsin for those visitors. Rated one of the top three Aviation Museums in the country, along with the Smithsonian’s Air and Space Museum in Washington, D.C., and the Air Force Museum at Wright-Patterson Air Force Base near Dayton, Ohio, Wisconsin’s can be very proud to play host to so well renowned and alluring an organization.

THE AVIATION CENTER IS TESTIMONY TO WHAT CAN BE ACCOMPLISHED WHEN ENTHUSIASTIC PEOPLE WITH HIGH STANDARDS ARE WORKING TOGETHER." - Tom Poberezny
WHEN IT COMES TO COMPETITIVE BIDDING . . . TOWN & COUNTRY ELECTRIC DOESN'T COME TO LOSE!

Whether it's distribution lines or machine control circuits, Town & Country listens to your needs, gets involved with your projects and follows through on all commitments.

Town & Country's experience with sophisticated control systems, including programmable controllers, enables the company to offer design assistance and cost-saving ideas for accomplishing project goals.

Town & Country's top management is always available to discuss customer projects and recommend alternative approaches to meeting customer needs.

In addition to receiving on-the-job training and four years of classroom instruction, Town & Country's journeymen electricians meet rigorous continuing education requirements and participate in the company's education incentive program.

Town & Country's computerized estimating capability provides customers with the assurance that costs are controlled and monitored throughout all phases of every project.

Project managers are personally responsible for meeting customer needs from preliminary planning through completion.

The projects that exemplify our efforts are:

Experimental Aircraft Association Museum,
Oshkosh
Wisconsin Resource Center, Oshkosh
Wisconsin Public Service, Plover
Alto Creamery, Alto
Outagamie Airport Terminal, Appleton
Columbus WWTP, Columbus
Stromberg Chevrolet, Appleton
Oshkosh Skill Center, Oshkosh
Preway Manufacturing, Stevens Point
Paper Valley Hotel & Conference Center, Appleton
Hustisford High School, Hustisford
Admanco, Ripon
Macy Street Parking Ramp, Fond du Lac

For your next competitive bid, please contact:

TOWN & COUNTRY ELECTRIC, INC.
1075 VAN DYKE ROAD
APPLETON, WI 54915
TELEPHONE 414/738-1500

ELECTRICAL CONTRACTORS WITH DESIGN/BUILD ENGINEERING CAPABILITIES
The Wittman Concourse, a walkway which cuts across the entire museum, enables an eye-level view of hanging aircraft seemingly propelled in space, and a look down onto floor level exhibits which can be wandered among later.

Since some original aircraft were not available, replicas were created. The Wright Flyer, built to the exact specification of the original by using plans on loan from the Smithsonian Institute in Washington, D.C., rests on sand shipped from Kitty Hawk, N.C.

An exciting walk-through exhibit is the replica of the Johnson Wax five-man Sikorsky S38, the plane used to explore the Amazon where a tree, which became a key ingredient in their first wax product, was discovered.

In addition to the museum, the 132,000 square foot facility houses the EAA international headquarters, a 300 person conference center named for Senator Barry Goldwater, National Fundraising Chairman, a 30,000 volume aeronautical technical library, art and photo galleries, a full-size theatre, eleven mini-theatres, the EAA publishing operation that puts out five flying magazines a month, a restoration shop where exhibits are produced, and a research department that looks at such things as substituting auto gasoline for expensive aviation fuel.

The EAA can now expand its audiovisual service by producing videos, slide and movie presentations in-house for loan to the membership and the public. Visitors can see Project Schoolflight where students are given an opportunity to build aircraft. Glass hangar doors divide indoor and outdoor plaza areas where space is available for the display of new designs by aircraft manufacturers.

The concept for design of the Aviation Center was created by Tom Heike, AIA, President of Brust-Heike/Design Associates, the Milwaukee based architectural firm. "Design a functional and economical structure that captures and inspires the imagination of visitors, as well as symbolizes the unique characteristics of our international aviation community." That was the challenge issued by the EAA. A project team was formed headed by Tom Heike, as Principal-In-Charge, Paul Brummund, AIA, Vice President and Project Architect, and Barbara Garris, ASID, Interior Space Planner. As a private pilot himself, Mr. Heike brought intimate insight to the project.
3019 WEST PROSPECT AVENUE • APPLETON, WIS. 54911 • TELEPHONE (414) 734-7733

AVAILABLE IN VARIOUS SIZE BLOCKS PER SPECIFICATIONS • THERMAL AVAILABLE IN 8"., 10"., 12". CMU

EAA MUSEUM
A JOB WELL DONE
BEND
BEND INDUSTRIES INC.
MASONRY CONSTRUCTION MATERIALS
WEST BEND • FOND DU LAC • WAUPUN • APPLETON

STOP WASTING ENERGY!
Control POOL ROOM Humidity

Finally! A sensible way to control Pool Room Humidity while reducing operating costs.

DESERT AIRE DOES IT ALL!
• Reduces Operating Costs Up to 75%
• Controls Damaging Humidity while Heating Pool Room
• Saves Money
• Uses No Gas or Oil
• Models to Suit All Needs

Don't throw Money Out the Window!

DESERT AIRE CORP.
Dept. DA
5633 W. Florist
Milwaukee, WI 53218
1-414-462-4143

BEND
BEND INDUSTRIES INC.
MASONRY CONSTRUCTION MATERIALS
WEST BEND • FOND DU LAC • WAUPUN • APPLETON

PHOTOCOPY
104 East Mason St. Milwaukee, Wisconsin 53202
CALL: 1-(414)-272-1255

IRRIGATION SYSTEMS
SPECIFICATION WRITING
PLANNING & DESIGN FOR
COMMERCIAL SITES
CONDOMINIUMS
ATHLETIC FACILITIES
GOLF COURSES
RESIDENCES
PARKS & LARGE TURF AREAS
WASTE WATER & DISPOSAL SYSTEMS

Reinders
13400 Watertown Plank Rd.
Elm Grove, Wis (414) 786-3163

IRRIGATION SYSTEMS
SPECIFICATION WRITING
PLANNING & DESIGN FOR
COMMERCIAL SITES
CONDOMINIUMS
ATHLETIC FACILITIES
GOLF COURSES
RESIDENCES
PARKS & LARGE TURF AREAS
WASTE WATER & DISPOSAL SYSTEMS

Reinders
13400 Watertown Plank Rd.
Elm Grove, Wis (414) 786-3163

finally! A sensible way to control pool room humidity while reducing operating costs.

DESERT AIRE DOES IT ALL!
• Reduces Operating Costs Up to 75%
• Controls Damaging Humidity while Heating Pool Room
• Saves Money
• Uses No Gas or Oil
• Models to Suit All Needs

Don't throw Money Out the Window!

DESERT AIRE CORP.
Dept. DA
5633 W. Florist
Milwaukee, WI 53218
1-414-462-4143
The architects worked closely with Tom Poberezny and his staff to bring forth a facility that projects the goals and objectives of the EAA: to honor past accomplishments, to preserve aviation's heritage, to educate individuals of all ages, and to promote aviation research. The Center's success lies in its ability to accomplish this, as well as to hold the attention and inspire a sense of dynamic motion. As Tom Poberezny recently wrote to Mr. Heike, "The EAA Aviation Center is testimony to what can be accomplished when enthusiastic people with high standards are working together."

The 65 foot glass "Tower of Aviation," designed by Mr. Heike, which, day or night, can be seen from over a mile away, acts as a magnet guiding visitors to the Center from air and land, much like the aviation navigation lights which once crossed the country. The tower is flanked by two lower wings, one the office, the other, the museum. Energy conservation is achieved through a unique passive solar design system.

As the potential growth of aviation is infinite, expansions of the building were pre-planned. State-of-the-art precast insulated core exterior wall panels can be removed and re-used for 10,000 square foot module additions. The problem of flexibility in supporting the weight of heavy, hanging exhibits from the ceiling was solved by incorporating 1,000 structural load bearing points.

The dedication of the building captured national attention with such dignified speakers as Barron Hilton, Chairman of Hilton Hotels Corporation, Lynn Helms, Head of the FAA, Paul Thayer, Deputy Secretary of Defense, and Cliff Robertson, well-known actor and EAA member. Comparing the EAA Aviation Center to the Air and Space Museum at the Smithsonian Institute in Washington, D.C., Paul Thayer said, "Although it (the Air and Space Museum) is a little larger at the moment, I can envision a time when this museum will rival Washington's." He also read a telegram proclamation from President Reagan praising the EAA and its work.

Cliff Robertson appropriately said, "This is the day we get to the top of Mt. Everest; this is the Walden Pond of aviation, a place to come and reflect. All migratory birds need a place to rest, and this is it."
The right way to design a high-density storage & filing system is to begin with this book.

Well-detailed information is mandatory for your product evaluations. The typical pages shown here from our new 30 pp. planning guide book, presents data on Spacesaver high-density storage & filing systems with clear and concise graphics created specifically for architects. The piece is loaded with planning criteria, systems details, design ideas and case studies in a full spectrum of architectural applications. A provocative and comprehensive resource guide for professional use. Yours for the asking.

Wisconsin Office Systems, Inc.
7101 North Green Bay Street
Milwaukee, WI 53209
(414) 352-9700

Visit us at booth #36 at the WSA 53rd Annual Convention
Tuned to the sun, the design of the new state office building in downtown Green Bay is an attempt to bridge the gap between high technology and nature by way of engineering and architecture. The giant heat box, which traps rays from the sun to assist both in heating and cooling this building, is also the vertical design feature.

Justification for the cost of a new structure was based on two things — gathering the state agencies together for convenience of citizens and the chance to provide a pacesetting structure as a demonstration for energy conservation.

The architects, Ozolins-D’Jock architects, Ltd. of Eau Claire and Gunnar Birkerts and Associates of Birmingham, Michigan, have done just that.

The site for the building was previously a surface parking lot. Therefore no money was spent for demolition and no important tax base was lost. The building has gathered under its roof 350 tenants which had been housed in leased spaces scattered around the city. These state offices are now within two blocks of city, county, and federal offices. Parking facilities and public transit services are also nearby.

The mass of the new building occupies the south end of the site, which totals 35,775 square feet of

1. Site Plan

2. Front View showing South Tower Wall
Congratulations
Ozolins D’Jock Architects
on the beautiful
Green Bay State Office Building

We are proud to have provided:
— Installation of all drywall and sound insulation
— All drywall finishing and texturing
— Steel stud construction

For your future bids, contact:
Bay Lathing Co., Inc.
1510 S. Webster Ave.
Green Bay, WI 54301
414-433-0444

We are pleased to have supplied the Laboratory Casework for the State Office Building, Green Bay, Wisconsin.

Jerry’s Cabinets & Supplies, Inc.
2430 Morning Star Trail
Green Bay, WI 54302
414-465-6764

We make beautiful exteriors happen, as is evident in the Green Bay State Office Building.

We will be glad to make available to you our years of experience in bringing jobs to successful conclusions.

Bybee Stone Company, Inc.
Processing Plant & Quarry
P.O. Box 968
Bloomington, Indiana 47402
Phone: (812) 876-2215

A building program is one of the most important adventures in which you will ever participate. Taking advantage of the Oscar J. Boldt Construction Company’s expertise can make it a good experience. Boldt capabilities have been tested over the years. The end products reflect the work of an organization whose reputation for honest, imaginative and responsive construction management service is unequalled. Boldt has an unbroken record of success in both construction and construction management for on-time, on-budget, quality performance.

• construction management services
• industrial and paper mill construction
• machinery installation
• underground utility construction & maintenance
• general construction

BOLDT
Oscar J. Boldt Construction Co.
217 S. Badger Ave. PO. Box 419
Appleton, WI 54912
414-739-6321
With offices in: Wausau, WI; Madison, WI; Cloquet, Minn; Memphis, Tenn
land. A 23 car parking lot for handi­
capped and short term parking lies north of the building.

From street level this new resident shows sensitivity to its older neigh­
bors. The first floor set back is the same as that of the City Hall and it blends with the space around a church and related buildings east of the site. It does not cut off light or air to an adjacent parochial school. Considerations in height of the new building were also sympathetic to the First Wisconsin Bank Building one block north and to the City Hall.

In sharp contrast to the deep blue window walls on three sides of the building is the silvery white south facade of the tower wall as it soars to a height of six stories. Its aluminum louvered panels are mute reminders to the passerby of its role in conserving energy. The tower plan geometry was determined by the relationship of compass points to the existing city grid pattern, which more or less follows the river.

The first floor is a square as large as the site would allow. In the begin­ning, five of the eight agencies wished to be housed on the ground level for various reasons. The five upper floors are set at a dramatic angle oriented to the compass so the south wall can absorb optimum heat from the sun. The result is a parallelogram with two long walls facing north and south and two short walls facing southeast and northwest.

The south wall is a sun trap, a vertical space approximately ten feet deep and six stories high which also accommodates vertical shafts for stairs, elevators, air ducts, and is adjacent to all plumbing facilities. These shafts are sheathed with a glass curtainwall creating a giant trap for solar collection and thermal storage, a unique passive system. The heat storage system consists of four pipe fan coil units located in the stairwell using chilled water, water storage tanks and a 15 ton heat pump.

Exterior louvers are angled for maximum solar penetration during the winter solstice and minimum solar penetration during summer.

Louvres are mounted outside the insulating glass to allow prevailing breezes to dispel heat build-up. Periods during which the sun pours in through the louvers, the intense heat is slowly absorbed by the massive windowless trombe wall, which is painted a deep bluish purple, and by the two reinforced concrete exit stairways. The dark colored concrete and the black landings and stair treads help increase the absorption coefficient.

A heat reclaim system has been designed for times when heat comes in too fast to be absorbed. Comfortable temperatures must be maintained in the stairway. At these times the building requires little heat due to other solar loads, people, and lights. A ventilating system extracts excess heat, storing it for night time use.

Mechanical heating and ventilating is accomplished by a gas fired furnace with hot water perimeter radiation. The design provides two variable air volume (VAV) systems. One for the first floor which is sometimes open to the public after hours and a second for the tower floors with regular business hours.

The trombe wall is of 14 inch thick masonry faced on the exterior with smooth cut limestone panels. Projecting ten feet beyond is the wall of insulated glass and panels of aluminum louvers, giving the tower a 50% glass area. Glass panels are removable for cleaning.

The other three walls of blue metal insulated siding have strips of windows providing about 20% glass area in deference to the north and west exposures. Double strips of windows are used only where they take advantage of true north light or the view of the river and Green Bay. So the fenestration as well as interior lighting were planned with energy efficiency in mind. Interior windows are used only where they take advantage of true north light or the view of the river and Green Bay.
EXCESS HEATED AIR VENTED AT TOP

HEATED WATER TO HEAT RECLAMATION

WARMED AIR RISES IN SUNSPACE

CONCRETE MASS WALL ABSORBS SUN'S HEAT AND SLOWLY RELEASES IT

HEAT FROM AIR ABSORBED AND TRANSPORTED BY WATER AT FAN COIL UNITS

COOL AIR INTAKE

Passive Solar Diagram

7. Excess heat is naturally vented through operable louvers (with insulated dampers) located at bottom with a fan at the top of the sunspace. The curved form lighting adjusts to daytime needs automatically via photocell controls. It happens that 50% of the occupants are field oriented and are “not home” 50% of the time.

These people are located near the core of the building, leaving the perimeter spaces closest to the windows for the building bound occupants to enjoy. Thus a minimum of artificial light is required.

This six story post-tensioned concrete structure with a total of 71,500 square feet in area has an interior plan designed on a five by five foot grid system. Five foot office partitions are movable and make future interior changes completely flexible. A neutral gray interior prevails — walls, ceiling, and carpeting — with bright color bands following the windows for accent. Each floor has its own color, such as deep blue, magenta, green, or orange. Main corridors use ceramic tile and terrazzo for easy maintenance.

Parts of the building have been occupied less than six months. So records on its solar accomplishments are incomplete. According to Thomas Bender, superintendent of building and grounds at Green Bay, the solar system is working satisfactorily. He says that no meaningful results will be available until after the 1985 heating season. However, on a sunny day the unit operates from 15% to 20% of the time, bringing temperatures in the sun trap up to 72 degrees F. from a night temperature of 50 to 55 degrees.

Last year this building was one of ten chosen for publication in Japan as a worthy example of passive use of solar energy.
CONGRATULATIONS!

Ozolins D’Jock - Architects

As Green Bay's largest mechanical contracting firm, we are pleased to have been chosen for the Green Bay State Office Building project.

... providing innovative design and high quality workmanship in the fields of plumbing, heating, air conditioning, process piping, ventilation, industrial sheet metal, and most recently, insulation.

For your next project, call Tweet/Garot Mechanical, Inc.
P.O. Box 3590  2545 Larsen Rd.
Green Bay, WI 54303
414/498-0400

We are pleased to have been chosen as electrical contractors for the Green Bay State Office Building.

For your next project, keep us in mind.

COMMERCIAL - INDUSTRIAL
“We Have Qualified Men To Do Any Commercial Or Industrial Electrical Installation Or Construction”

RESIDENTIAL
Visit Our Lighting Showroom
“We Have Residential Electricians That Do Only Home And Apartment Installations And Construction”

VAN DEN HEUVEL ELECTRIC INC
336-6766
1 BLK EAST OF 10th ST.
930 OAK ST  DE PERE

Heat Reclamation
Industrial Ventilation
Energy Conservation
Heat Transfer
Air Balancing
Heating, Cooling & Humidification
Architectural Sheet Metal
Pollution Control
Fire Dampers
High Pressure Systems
Low Pressure Systems
Solar Energy Space Heating Systems
Solar Energy Water Heating Systems

WORKING EFFECTIVELY TO MEET THE ENERGY CHALLENGE
"EVERYTHING WE DO TOUCHES YOUR LIFE"

SHEET METAL CONTRACTORS OF MILWAUKEE
SUITE 200, 2515 NORTH 124TH STREET
BROOKFIELD, WI 53005
(414) 784-6889

Our Technical Manuals and Specification Manuals can help you.
On The Boards

ARCHITECT: HSR & Assoc.
Madison, WI
PROJECT: Tenney Plaza
Madison, WI
BACKGROUND: Some dramatic changes are planned to the new entrance in the pocket park area between the First Wisconsin Bank and the Tenney Building.
They plan to enclose the entrance with glass and decorate it with large, decorative live plantings. The new elevators will also be enclosed in glass and should provide a spectacular view of the Capitol and concourse.

The new main entrance will also have access from the new parking ramp planned for the southeast corner of the property. The new owners also plan on replacing all the windows for appearance and energy efficiency, clean the building’s exterior and remodel and clean the old Main Street entrance.

ARCHITECT: Kubala Washatko
Cedarburg, WI
PROJECT: Washington House Inn
Cedarburg, WI
BACKGROUND: The plans are presently being completed for the Washington House Inn, a bed and breakfast hotel located in downtown Cedarburg. The project consists of the renovation and restoration of two historic buildings. The primary building was built in 1886 as a boarding house and hotel. The secondary structure, constructed in the same era as the hotel, was originally a dry goods store and private residence.

The proposal calls for connecting the two buildings with a three story stairway and corridor. This will expand the Inn guestrooms into second floor of the dry goods building. In total there will be 18 guestrooms of various configurations, a small cafe, a managers apartment and health club. Careful consideration was given to maintaining and enhancing the Victorian nature of the project on the exterior as well as the interior of the building.

ARCHITECT: Shepherd Legan Aldrian
Milwaukee, WI
PROJECT: Harbours Edge
Delray Beach, FL
BACKGROUND: Harbours Edge is an exclusive retirement community planned for Delray Beach, Florida. Located on the Intercoastal Waterway, the 21 million dollar first phase will include 153 apartments, a 30 bed Health Center, spacious community facilities and attractive site amenities that will set new standards for retirement living of this kind. Construction will begin in June 1984. Shepherd Legan Aldrian is providing services for frequent client Life Care Services Corporation who is co-developing the project with partners from the Florida area.

ARCHITECT: BHS Architects, Inc.
Milwaukee, WI
PROJECT: Professional Office Building
Mequon, WI
BACKGROUND: Situated on a heavily wooded suburban site, the building will provide 20,000 square feet of rentable office space. Access to the building from parking will be across a pedestrian bridge spanning a small pond. Interior features will include a two-story main entry and skylit corridors. Construction is contemplated for late spring of 1984.

The Wisconsin Architect will publish forthcoming projects that are “On The Boards” using the format shown. If you have a project for publication, please submit the appropriate heading, copy, and graphics using the shown format to the WSA Office.
I. We are the exclusive representative in the state of Wisconsin for Design Professional Insurance Company.

II. We also represent all the available markets for professional liability insurance.

III. Services provided:
   A. Contract Review
   B. Comparison of Professional Liability Insurance policies
   C. Monitor claims
   D. Conduct In House Loss Prevention seminars

Contact: Paul Berta
216 North Midvale Boulevard
P.O. Box 5566 • Madison, WI 53705-0566
608-238-7181

Advertise In
Wisconsin Architect
magazine

The Place To Reach:
• Architects
• Consulting Engineers
• General Contractors
• Interior Designers
• Landscape Architects
• Urban Planners
• Developers

Wisconsin Architect
magazine
615 E. Washington Ave.
Madison, WI 53703
(608) 257-8477
In 1953 the Wisconsin Architects Foundation (WAF) was established for the express purpose of furthering education both to needy students and the general public. One of the first recipients of a grant from the WAF was a young architectural student named John B. Shepherd, who was then attending the University of Notre Dame. The amount of the grant was $150.

Subsequent to his graduation, Jack Shepherd designed a special block which was ultimately copyrighted by Best Block Company of Butler, Wisconsin. This block is known as the “TSA Random” and is still produced by Best Block Company.

Upon receipt of a copywrite of this block, Best Block Company indicated a willingness to pay 5¢ per block for each subsequent block produced to Jack Shepherd. Jack suggested to the Chairman of the Board of Best Block Company, Paul Bronson, that this payment should be made to the Wisconsin Architects Foundation.

To make a long and successful story somewhat shorter, Best Block has continued this tradition and their total contribution to the WAF since the inception of this arrangement now exceeds $33,600. The WAF publicly thanks Paul Bronson, Best Block Company, and Jack Shepherd for this continued commitment to the WAF and architectural excellence in Wisconsin.

Mark your calendar for June 21, 1984, the date of the WSA’s Annual Architect-Exhibitor Golf Outing. The outing is planned by WSA for its members and for those companies or individuals that exhibited at the 1984 WSA Convention.

The WSA provides one free green fee to exhibitors for each exhibit space. WSA members may purchase green fees for themselves and employees. A smorgasbord dinner in the evening will be free to exhibitors, members of their organization, and WSA members.

This year's golf outing will be held at the Watertown Country Club. Registration materials have been sent to all members. Call Karen at the WSA office and she will assign you a tee off time.

Larson, Brian Larson, AIA, Eau Claire, has been appointed by Governor Earl to serve on the Architects Section of the Examining Board of Architects, Engineers, Land Surveyors and Designers. Brian will replace Bill Wenzler, FAIA, of Milwaukee whose second three-year term will expire 6/1/84.

DAEDALUS is a wishbook for design-related computer software which has recently been prepared by the American Consulting Engineers Counsel. This resource catalogues software in 15 categories including cost accounting, management information, construction phase, etc. A copy of this catalogue can be obtained from the ACEC at 1015 15th Street, N.W., Suite 802, Washington, D.C. 20005; (202) 347-7474. If you would rather have the WSA buy a copy for its circulating library . . . and then borrow the copy from the library, simply call Karen or Sandra at the WSA office and request that this catalogue be ordered and that you be its first user.

Double riveting is from 16 to 20 per cent stronger than single.
MEMBERSHIP ACTIONS

USHER, TIMOTHY M., was approved for Associate Membership in the Southwest Wisconsin Chapter.

BEYER, JOHN M., was approved for Associate Membership in the Southeast Wisconsin Chapter.

SMITH, STEPHEN P., was approved for AIA Membership in the Southeast Wisconsin Chapter.

KURTZ, JAMES A., was approved for AIA Membership in the Southeast Wisconsin Chapter.

ESPINOZA, ALFRED L., was approved for AIA Membership in the Southeast Wisconsin Chapter.

WATCH YOUR TRUSS

As you are (hopefully) aware, DILHR has become a little more strict in recent months regarding the submittal of calculations and plans for component parts, such as truss. Current DILHR interpretations require the submittal of calculations and plans. Both the calculations and plans must be submitted through the project architect and a special form has been developed in which both the component designer and architect indicate their degree of participation and responsibility.

But who stamps the plans? The intent of this change was not to shift legal responsibility for truss design and calculations from the individuals who do the detailed work to the architect. The plans should be stamped by the individual who prepared them ... in most situations the engineer or designer of the truss system. This change was not intended to shift the primary responsibility regarding the design and calculation of the component system to the architect.

If you are having problems in this area, contact Eric at the WSA office.

THE ARCHITECT'S GUIDE TO LAW AND PRACTICE

The recent edition to the WSA Library, this book is a concise explanation of the everyday legal matters affecting the practice of architecture. Co-authored by Bob and Karen Greenstreet (he's a professor at UW-M School of Architecture and she teaches law at Marquette) this book should provide a solid foundation for architects who need to understand how the legal system impacts on their practice.

To borrow this volume from the WSA library, contact Sandra or Karen.

BID DATE COORDINATION

A general contractor recently called the WSA office and voiced concern over the lack of coordination between architects regarding bid dates. The contractor noted that all too frequently bid dates are established by design professionals without first checking to see whether or not other projects are going to be bid on that same date. The contractor observed that multiple bid openings on the same date can only have a negative impact on costs, and that the design professional and owner are best served if their project is the exclusive project being bid on this specific date. Consider checking for conflicts prior to establishing your bid date.

UWM-SARUP FUND DRIVE

On February 19, 1984 members of the University of Wisconsin-Milwaukee School of Architecture and Urban Planning Alumni Association and faculty members from the School participated in the annual UWM Foundation Phonathon held at the Alumni House, 3230 E. Kenwood Blvd, in Milwaukee. The participants of the Phonathon who represented the School called over 400 UWM alumni asking for financial support and raised approximately $1,700.
SOME THINGS WILL BE AROUND A LONG TIME—LIKE

Distinctive texture conveys design creativity of the architect. That’s why BELDEN more than measures up. That’s why architects call on BELDEN because BELDEN provides more imaginative variations of brick. A selection of over 200, the largest in the industry. Whatever your needs, rely on BELDEN for more textures, more colors, and more sizes.

And like Gibraltar, brick from BELDEN will be around a long time!

Your BELDEN Dealer will show you the facts, or write us for a free 4-color brochure at Box 910, Canton, Ohio 44701.
LANGER

ROOFING & SHEET METAL INC.
NEW — REROOFING — REPAIR

BUILT-UP ROOFING
ASPHALT
COAL TAR
ELASTOMERIC

MEMBRANE WATERPROOFING
BUILT-UP SYSTEMS
ELASTOMERICS

ARCHITECTURAL SHEET METAL
METAL FLASHINGS
MANSARD PANELING

TAPERED ROOF INSULATION SYSTEMS

(414) 476-5800
345 S. CURTIS RD., MILWAUKEE, WI 53214

GENZ CONSTRUCTION INC.
"Constant Concern For Customer Satisfaction"
(414)781-5230

- COMMERCIAL
- RESTAURANT
- RETAIL STORES
- NATIONALLY RECOGNIZED

4235 N. 127th Street
Brookfield, WI 53005

Strass Maguire & Associates, Inc.

- Professional Consulting Engineers -

9000 N. Deerbrook Tr.
Milwaukee, Wisconsin 53223
(414) 354-4046

Advertisers Index

Accurate Security, Ltd. .................................................. 23
Archimodel ................................................................. 23
Arnold & O'Sheridan, Inc. ............................................ 23
Automatic Temperature Supplies ......................... Kohler
Baker Manufacturing Co. ........................................ Kohler
Bay Lathing Co. ........................................................... 13
Beiden Brick Co. ........................................................... 21
Bend Industries ........................................................... 9
Oscar J. Boldt ................................................................. 13
Bybee Stone Co., Inc. .................................................. 13
Desert Aire Corp. ......................................................... 9
Dolan & Duslins, Inc. .................................................. 23
Enterprise Engineering Corp. ................................. 23
Gen B. Garthier Co. ....................................................... 2
Genz Construction, Inc. .............................................. 22
Grast, Anhalt, Schroemer ......................................... 23
Hess Sweitzer Painters Plus ...................................... 16
Interalp ................................................................. 2
Thomas H. Jaeschke and Assoc. ................................. 23
Jeny's Cabinets and Supplies .................................. 13
Klipstein Lane and Assoc. .......................................... 18
Kohler Co. ................................................................. Insert
Langer Roofing and Sheet Metal, Inc. ............... 22
Manci and Haning, Inc. .............................................. 23
Maxine's Interior Plant Design ................................. Back Cover
Mid-State Associates, Inc. .................................... 23
Milwaukee Plumbing and Heating Supply ........ Kohler
Murphy Supply Co. ................................................ Kohler
Eric Oxendorf Photography .................................... 22
W.S. Patterson Co. ................................................ Kohler
J.W. Peters and Sons, Inc. ........................................ 4
Photocopy, Inc. .......................................................... 9
Reinders ................................................................. 9
Romatic, Inc. ............................................................ 23
SMS Sales Corp. ........................................................ 23
STS Consultants, Ltd. ................................................ 23
Schulz Concrete Products, Inc. ................................. 9
Sheet Metal Contractors of Milwaukee .......... 16
Strass Maguire & Associates, Inc. .................. 22
Town and Country Electric, Inc. ......................... 7
Tweet-Goetz Mechanical, Inc. ......................... 16
United Plumbing and Heating Supply ........ Kohler
Von Den Heuvel Electric, Inc. ................................. 16
Ver Halen, Inc. ........................................................... 18
Waron Engineering, Inc. ........................................ 23
Wisconsin Office Systems, Inc. ......................... 11
Wisconsin Testing Labs ............................................. 23

THIS QUIET SPACE BROUGHT TO YOU BY
ERIC OXENDORF
Architectural Photographer
MILWAUKEE, WISCONSIN

22

wiscnos architect/may 1984
OUTSTANDING PROFESSIONALISM IS WHAT KEEPS US GROWING.

And it's what makes you look good.

Maxine, Inc. interior plantscaping specialists offer you total contracting services that are professional every step of the way.

Some of our newest plantscaping achievements are:

The Experimental Aircraft Association Museum, Oshkosh
Henry Reuss Federal Plaza, Milwaukee
Plaza East, Milwaukee
Midway-Glendale Hotel, Milwaukee
Northwestern Mutual Life Insurance, Milwaukee (seasonal flowering plants)

Our Certified Interior Horticulturist is your assurance that Maxine, Inc. maintains the highest industry standards. Every project has our commitment to design, technology, and professional expertise. Call us today.