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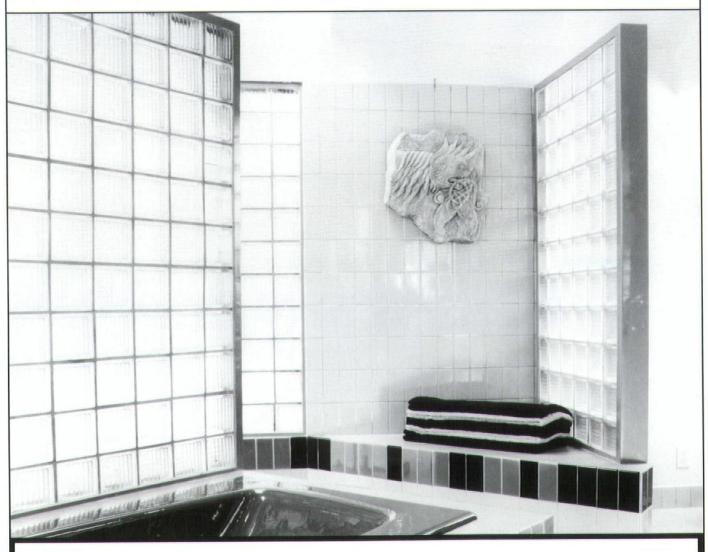
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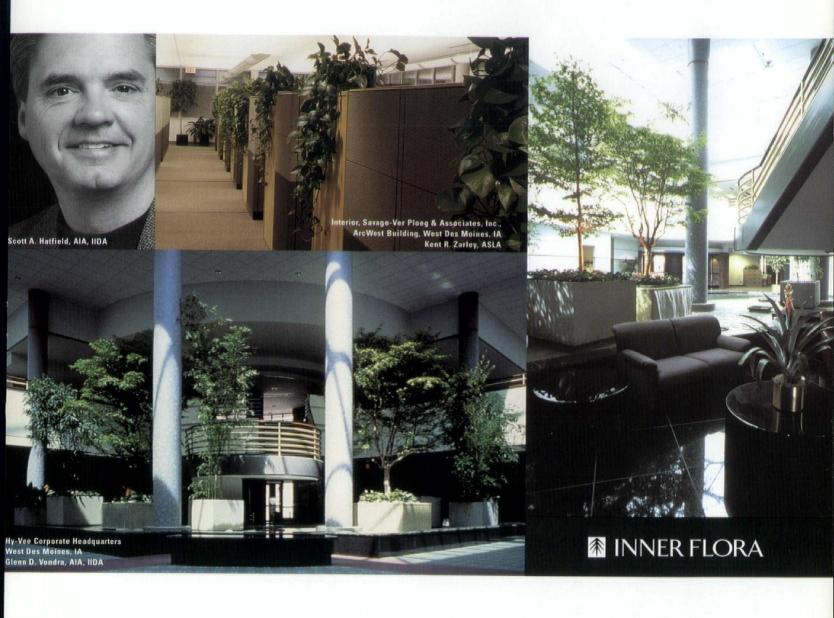
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Monterey, California



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Julius Schmidt SS-71-49 Stainless Steel 1971 72" x 48" Equitable of Iowa Des Moines, Iowa

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ENGINEERING TEACHING RESEARCH FACILITY – HOWE HALL – IOWA STATE UNIVERSITY, AMES, IOWA. ARCHITECT: BROOKS BORG SKILES ARCHITECTURE ENGINEERING, DES MOINES, IOWA AND ELLERBE BECKET, MINNEAPOLIS, MINNESOTA. CONSTRUCTION MANAGER: THE WEITZ CO., INC., DES MOINES, IOWA. ARCHITECTURAL WALL SYSTEMS co. HAD A SINGLE RESPONSIBILITY CONTRACT TO ENGINEER, FABRICATE, INSTALL AND GLAZE THE CUSTOM SLOPED CURTAIN WALL, STAIR TOWER CURTAIN WALLS, RIBBON WINDOWS, RAIN SCREEN ALUMINUM PLATE PANELS AND ENTRANCES.

2001 ARCHITECTURE FIRM AWARD

Issue No. 01:236

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#### Cover

2001 AIA Architecture Firm Award, Herbert Lewis Kruse Blunck Architecture. Photos by Farshid Assassi, Assassi Productions. Parking ramp image by Cameron Campbell Architectural Photography.

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rchitecture is necessarily an optimistic cultural act.

In the shaping of our built environment we, as design professionals, struggle with the necessity of meeting everyday needs and the desire to elevate those needs to reflect something above and beyond that basic need. It requires the participation of those who foot the bill, those who craft the materials, and those who ultimately inhabit the spaces. Design is not a private individual struggle.

The belief that we can enrich our society through the built environment is evidence of our optimism to be able to reach beyond mere building. We learn something about what we value and how we communicate that value to others and ourselves. It is the role of the design professional to nurture that participation and to foster that desire. In short, we participate in creating our own reflections.

The belief that we can enrich our society through the built environment is evidence of our optimism to be able to reach beyond mere building.

The annual AIA Iowa Awards, AIA Central States Region Design Awards, and the AIA Iowa Excellence in Craft Awards is an opportunity to look into our collective mirror and honor those projects that are deemed truly outstanding examples of our endeavors. The award winning projects that follow are optimistic evidence of Iowa and the Midwest region's attention to shaping our environment and exemplify our desire to reach beyond mere building.

Matthew Niebuhr 2000 Awards and Recognition Chair



# differentbydesign

Powerful Performance: The Role of Competition in Design

Competition is such a large part of our cultural value system that we see its influence all around. Not only is it the defining factor in our entire economic and political system, but it is the basis for much of the entertainment we crave and the type of products that we buy. For designers, "competition" drives not only how products are marketed and sold but how designs are conceived, developed, and presented.

One of the strongest confluences of competition, design, and consumer desire can be found in the research and development divisions for successful sporting good companies. Their designers compete with each other in the lab so that others can compete more effectively on the courts.

It is important to understand that these industries are successful not only because their products appeal to part of our cultural zeitgeist, but because they employ clever and inventive designers; after all, to continually innovate sporting equipment that has been around for centuries is no small task. But also, these designers understand a few fundamental truths about their client: They know that athletes will buy products if it makes them feel like better competitors, but in exchange they expect these products to improve year after year. To make sure that their competitor-consumers will see why their product is better, they will usually make these improvements visible — not hidden in the handle — and will often times use advanced technical jargon to describe what has made these improvements possible.

The new Wilson Hype Hammer tennis racket is a great example of why this approach is consistently successful. Even after centuries of design innovation, it has genuinely improved the performance of the racket — it has clearly

exposed this improvement with a series of rollers along the edge, and touted this improvement as "friction reducing, cross-axial, power improvement" technology.

While most of the previous innovations have tried to improve power and control by changing the racket size, shape, and material, they have all been ultimately limited by the "connection" between the racket and the strings — a great racket with terrible strings is clearly not effective. Wilson improved on this problem by adding metallic-colored nylon polymer wheels on the sides of the racket to replace the typical grommet connection. These wheels allow for more vertical and horizontal movement of the strings and provide more power, increase "dwell time" and produce a larger sweet spot. The carbon and graphite reverse-

teardrop shaped frame extends down the throat

of the racket to increase stability while allowing

Basically, these innovations are done to help players improve their game, but Wilson expects a little more from the consumer because it has to continue to compete for your business. They hope that by creating one great product (a racket), consumers may be compelled to also buy the new strings, balls, grips, and shoes to match. This exemplifies the inherent multiplicity of competition and design in today's society.

it to maintain the light, 9-ounce final weight.

Their creations are nothing short of the "Game Improvement Technologies" they claim to be and have all today's competitors to compete at the highest levels ever recorded in nearly every sport.

At least until next year.





### St. Katharine's – St. Mark's Independent College Preparatory School – Bettendorf, Iowa

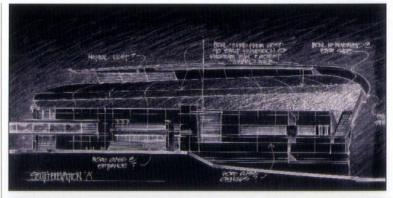
Construction has begun on a major addition, designed by Downing Architects, P.C. The 27,000 square foot addition will be adjacent to their existing gymnasium. It will include space for the pre-school, pre-kindergarten, and kindergarten,

along with six classrooms for Lower School students and one for drama instruction. The addition also contains a media/technology center, a 325 seat auditorium and stage adjoining a multi-purpose/dining area and kitchen. A student hub/ information center separates the gymnasium from the auditorium and doubles as events lobby. The existing mansion will be updated for the Upper School and the former carriage house will be used for art and music instruction.

#### lowa Events Center – Des Moines, Iowa

HOK Sport in conjunction with RDG Bussard Dikis and Brooks Borg Skiles Architecture, Engineering LLP has just completed the schematic design for the Iowa Events Center. The complex will not only provide a new 16,000 seat arena but also 100,000 square feet of exhibition space — an addition to the south of Veterans Auditorium. The new site plan has the arena front on the river, creating an excellent view from the facility and provides a welcome addition to the riverfront skyline. The new complex is anticipated to be a catalyst for new riverfront development.







MATT NIEBUHR

THE 2001 ARCHITECTURE FIRM AWARD

## Herbert Lewis Kruse Blunck Architecture Firm Award

The Architecture Firm Award is the highest honor that The American Institute of Architects can bestow on an architecture firm for consistently producing distinguished architecture. It is conferred by the Board of Directors.

Eligibility:

Any firm or successor firms, whether an individual or an organization of architects, in which the continuing collaboration among individuals of the firm has been the principal force in at least 10 years, is eligible for the Architecture Firm Award. While serving on the Board of Directors, Board members and their firms are ineligible to be nominated for this award. No more than one such award shall be made in any year.

everal years ago, I had the pleasure of serving on the AIA Iowa Award Jury. The organizing committee brought the treasures of Iowa to San Francisco, where we watched monster homes, drive-in banks, football stadiums, hospitals and office parks slide by on carousel after carousel. Now and then something would catch our attention — something modern, clean, and clear, but slightly off, elongated, or pushed beyond the mere bounds of responsible building. By the end of the day, we had picked a handful of projects to award. Each of them was different in scale, function and site, but each exhibited a modernism that was responsive to its program, beautifully executed, and strong enough in the expressiveness of its forms to stay in our memory. The state of architecture in Iowa was obviously pretty good.

Imagine our surprise when we found out that almost all the designs were all by one firm, Herbert Lewis Kruse Blunck Architecture (HLKB). I knew of them as collaborators with interesting out-of-town architects, but otherwise they were unknown to me as, well, Iowa. I immediately started angling for assignments in Iowa to check for myself. When I finally wrangled a speaking invitation in Des Moines, I went to inspect the gas distribution warehouse, the stadium, the jewelry store, and the offices. Yes, they were that good.

Forgive my surprise, but we dilettante inhabitants of either coast are not used to seeing so much good architecture at one time in one of the "fly over states." Sure, some of my best students came from Iowa, some very good architects who now work in places like L.A. So now and then a good architect will show up from there, but previous visits to the state had filled me with images of the sort of bland office blocks, endless subdivisions and otherwise mediocre abuses of natural resources that serve to house people or things that you might find almost anyplace in the United States. I didn't expect such good, home-grown architecture.

I mean something rather particular by that phrase: the ability that begins from the architectural dictum to "First, Do No Harm:" First, make a building that works. HLKB's buildings are responsive, respectful, comfortable and, from what I can tell, well-made. I am not privy to what the pseudo-science of Post-Occupancy Evaluation has to say about their structures, but they seem well-proportioned and lit, organized in a clear and understandable manner, and sited sensibly both in response to terrain and weather and to their context.

The second rule they seem to follow is: "Don't Decorate, Elaborate." Out of the their responses to program and site, HLKB weave webs of steel, glass or corrugated Fiberglass that don't just represent how the building is made, but which add what Frank Lloyd Wright once called a "cloak of ideality." They do not so much

replace the actual building's working parts, as they make them visible to us in such a way that we continue to look at the spaces we are occupying, question them and, perhaps, understand them. That is true of the elaborate grids and planes of the Meredith Expansion or the office interiors in New York, but also of the silo-like conference rooms at Praxair.

The latter image, along with the sloping Plexiglas plane in the same project teach the third HLKB Lesson: "Bring It Back Home." By connecting to (local) archetypes, but also to something so strongly visceral and unexplainable that it makes light, scale and texture visible, the firm is able to add something extra to their responsive and responsible constructions. Perhaps it is an awareness of where we are in a way that is unexpected, or maybe it is just a touch of weirdness. Whatever it is, it adds a simple touch of enigmatic beauty.

How do they do it? Why are they in Iowa? No doubt they will be faxing their designs in to and from far-flung sites in the world. Can they keep it up now that they are rock stars? I don't know. What I do know is this: Sorry, Iowa, you couldn't keep it secret forever. HLKB is the best architecture firm of the year.

—Aaron Betsky is the Curator of Architecture, Design and Digital Projects at the San Francisco Museum of Modern Art. As of June 1, 2001, he will be Director of the Netherlands Architecture Institute in Rotterdam and is the most recent author of Architecture Must Burn (Thames & Hudson, 2000).

Above Right: Herbert Lewis Kruse Blunck Architecture staff photo.

Standing Third Row (left to right): Cal Lewis, FAIA; Charles Herbert, FAIA; Matt Rodekamp; J. Mark Schmidt, AIA, CSI; Rob Whitehead, AIA; Kay Boller, SDA/C; Greg Lehman, AIA; Todd Garner, AIA; Rick Seely, AIA; Carl Rogers, ASLA; Rod Kruse, FAIA

Standing Second Row (left to right): Julie Severson; Julie Liening; Emily Gloe Donovan, AIA; Erin Olson-Douglas, AIA; Jim Dwinell, AIA; Sommer Reece; Peter Goche, AIA\*; Ellen Kyhl, AIA; Stephen Knowles, AIA\*; Khalid Khan; Paul Mankins, AIA; Kirk V. Blunck, FAIA

Kneeling (left to right): Brad Kramer; Dan Vercruysse\*; Jon Sloan; David Abler\*

Not Pictured: Tim Hickman, Doug Frey, AIA; Tom Hilton, AIA; Brian Lindgren, AIA; Brett Mendenhall, AIA; Channing Swanson, AIA; Jill Swanson, AIA; Brett Douglas, ASLA; Josh Baker; Mike Bechtel; Cheung Chan; Brad Hartman; Josh Lekwa; Matt Niebuhr, Ann Sobiech-Munson; Tom Trapp, Kerry Weig; Dave Nandell; Jim Hoff, AIA

\* No longer working for HLKB.

Photography: Farshid Assassi, Assassi Productions with noted exception on parking ramp image, page 11, photo by Cameron Campbell Architectural Photography.

AARON BETSKY



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— Bernard J. Cywinski, FAIA, Bohlin Cywinski Jackson









"...I chose them in part because their architecture works are sophisticated and aesthetically very strong...I have never had a better working collaboration than with Herbert Lewis Kruse Blunck Architecture."
— Maya Lin, Maya Lin Studio

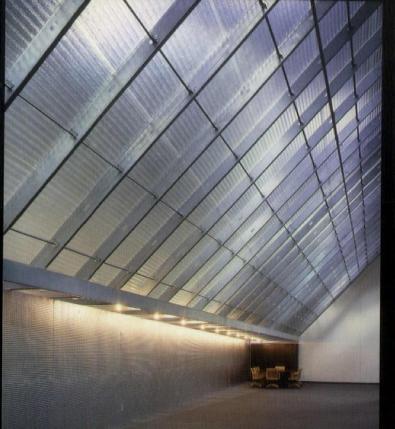




"...exemplar of those values that we wish our students to embrace and to ultimately live up to as practitioners...superb public ambassadors for our profession."









"...I can think of very few, and none that have not already received the Architecture Firm Award, who have engaged in as high a level as practice."

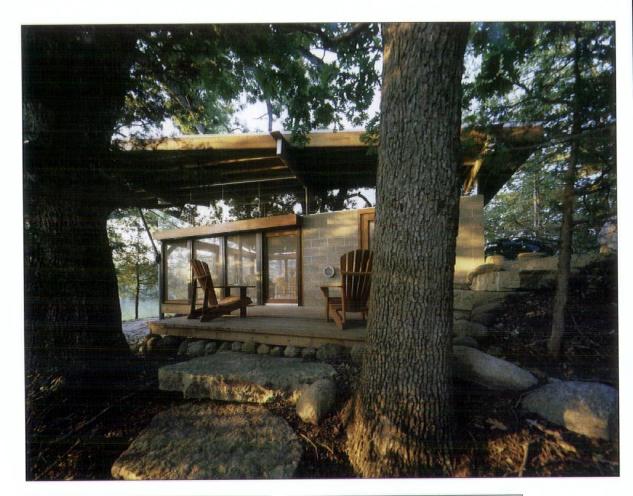
— Aaron Betsky, Curator, San Francisco Museum of Modern Art





AIA IOWA HONOR AWARD FOR EXCELLENCE IN ARCHITECTURE

## Private Retreat



#### Project:

Private Retreat, Dallas County

Architect:

Architects Wells Woodburn O'Neil, West Des Moines

**General Contractor:** 

Venter Spooner

**Electrical Contractor:** 

ABC Electric

**Civil Engineer:** Architects Wells Woodburn O'Neil

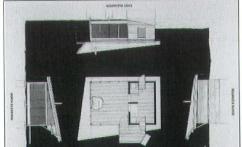
Electrical Engineer: Architects

Wells Woodburn O'Neil

Mechanical Engineer: Architects

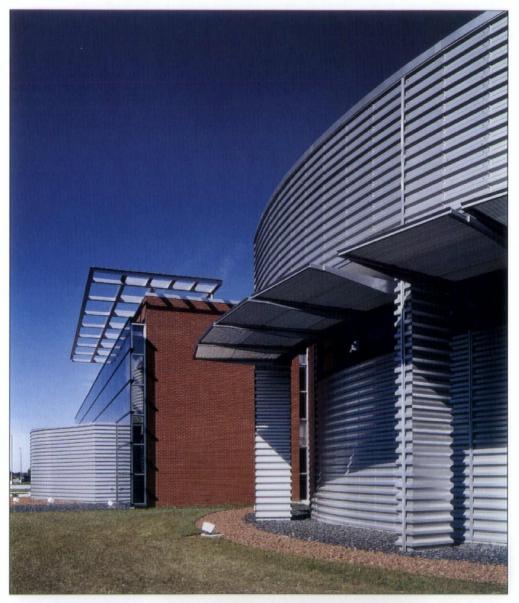
Wells Woodburn O'Neil





AIA IOWA HONOR AWARD FOR EXCELLENCE IN ARCHITECTURE

## Vermeer Manufacturing Co. Global Pavilion



#### Project:

Vermeer Manufacturing
Company Global Pavilion, Pella
Architect: Shiffler Associates
Architects, PLC, Des Moines

**General Contractor:** 

Graham Construction Company

**Electrical Engineer:** Menninga Electric

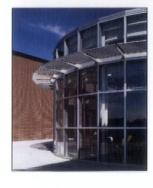
Mechanical Contractor:

Baker Mechanical

Structural Engineer:

Charles Saul Engineering

Photographer: Farshid Assassi,





AIA IOWA MERIT AWARD FOR EXCELLENCE IN ARCHITECTURE

## dium Press box

IOWA STATE UNIVERSITY





Project: Stadium Press box, Iowa State University, Ames Architect:

Brooks Borg Skiles Architecture Engineering LLP, Des Moines

**General Contractor:** 

The Weitz Company

**Electrical Contractor:** 

Nikkel & Associates, Inc.

**Electrical Engineer:** 

Brooks Borg Skiles Architecture Engineering LLP

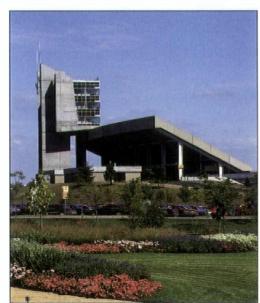
**Mechanical Engineer:** 

Baker Mechanical

Structural Engineer:

Charles Saul Engineering

Photographer: Farshid Assassi,



AIA IOWA MERIT AWARD FOR EXCELLENCE IN ARCHITECTURE

## Herndon Hall Restoration



Project: Herndon Hall Restoration, Des Moines Architect: Herbert Lewis Kruse Blunck Architecture, Des Moines

**General Contractor:** Pacesetter Co., Inc.

**Electrical Contractor:** 

Tesdell Electric

Mechanical Engineer: Wykoff Industries

Interior Designer: Herbert Lewis

Kruse Blunck Architecture
Millwork:

Lisac Construction

**Hardwood Floors:** Glascock Hardwood Floor Service

Masonry: Caligiuri Construction

Granite/Slab Installation:

Stoneworks Photographe

**Photographer:** Peter Aaron/ ESTO Photographics, Inc.





AIA IOWA MERIT AWARD FOR EXCELLENCE IN ARCHITECTURE

## Logsdon [rest] room



#### Project:

Logsdon [rest]room, Des Moines Architect: Herbert Lewis Kruse Blunck Architecture, Des Moines

#### **General Contractor:**

Silent Rivers, Chaden Halfill

#### **Electrical Contractor:**

Noel Electric

#### Interior Designer:

Herbert Lewis Kruse Blunck Architecture

#### Photographer:

Cameron Campbell Architectural Photography



AIA IOWA MERIT AWARD FOR EXCELLENCE IN ARCHITECTURE

## Palmer Human Development and Family Studies Building IOWA STATE UNIVERSITY



#### Project:

Palmer Human Development and Family Studies Building, Iowa State University, Ames Architect:

RDG Bussard Dikis, Des Moines

**General Contractor:** 

Stanley Design Build

**Electrical Engineer:** 

Alvine and Associates

**Mechanical Engineer:** 

Alvine and Associates

**Structural Engineer:** 

Charles Saul Engineering Landscape Architect:

RDG Crose Gardner Shukert

Interior Designer:

RDG Bussard Dikis

**Acoustical Consultant:** 

Coffeen Fricke

Photographer: Farshid Assassi,



AIA IOWA HONOR AWARD FOR EXCELLENCE IN CRAFT

### Salisbury Roof Restoration

Project: Salisbury House Roof Restoration, Des Moines Award Recipient: David Ray, Wood Roofing and Sheet Metal Company; David B. Dahlquist, Dahlquist Clayworks, Inc. Architect: Herbert Lewis Kruse

Blunck Architecture, Des Moines **General Contractor:** 

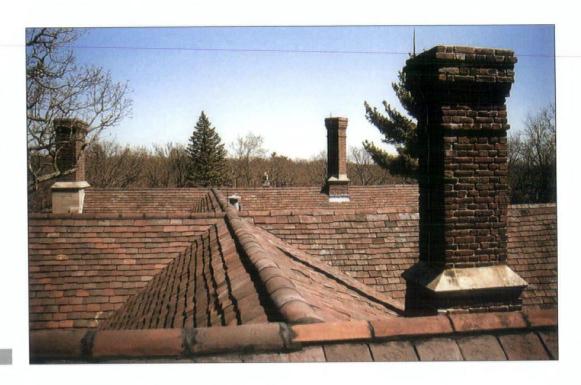
The Weitz Company **Electrical Contractor:** Baker Electric

Structural Engineer: Charles Saul Engineering

**Roofing Contractor:** Wood Roofing and Sheet Metal Company

**Produced Clay Tiles:** Dahlquist Tile Works

Photographer: Herbert Lewis Kruse Blunck Architecture



#### **AWARDS**

AIA IOWA HONOR AWARD FOR EXCELLENCE IN CRAFT

### Taylor Residence Staircase

Project: Taylor Residence Staircase, Des Moines Award Recipient: Woodcraft Architectural Millwork

Architect:

Shiffler Associates Architects, PLC, Des Moines

**General Contractor:** 

Taylor Ball Homes

Millwork Contractor:

Woodcraft Architectural Millwork Photographer: Farshid Assassi,





AIA IOWA HONOR AWARD FOR EXCELLENCE IN CRAFT

### David's Milwaukee Diner

Project: David's Milwaukee Diner.

Award Recipient: Will Ghormley.

Leather Crafter

Architect:

Wetherell Ericsson Leusink Architects, PLC, Des Moines

**General Contractor:** 

The Hansen Company, Inc.

**Electrical Contractor:** 

ABC Electric

**Electrical Engineer:** 

Pulley & Associates, Inc.

**Mechanical Engineer:** 

Pulley & Associates, Inc.

**Structural Engineer:** 

Peterson Engineers

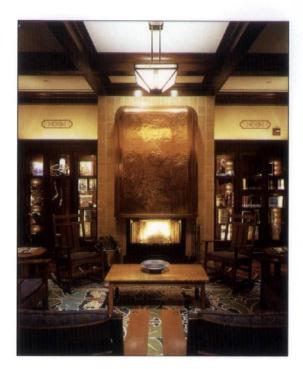
Interior Designer:

Creative Enterprises Craftperson:

Will Ghormley - Maker

Photographer:

Dale Photographics



#### **AWARDS**

ALA LOWA MERIT AWARD FOR EXCELLENCE IN CRAFT

Project: Howe Hall, Engineering Teaching Research Complex, Iowa State University, Ames

**Award Recipient:** 

Architectural Wall Systems Architect: Brooks Borg Skiles Architecture Engineering LLP,

Des Moines

**Electrical Contractor:** 

Nikkell & Associates, Inc.

Civil Engineer: Ellerbe Becket, Inc./BBSAE LLP (Zone D)

Electrical Engineer: Ellerbe Becket, Inc./BBSAE LLP (Zone D)

Mechanical Engineer: Ellerbe Becket, Inc./BBSAE LLP (Zone D)

Structural Engineer: Brooks Borg Skiles AE LLP

Interior Designer: Ellerbe Becket, Inc./BBSAE LLP (Zone D and

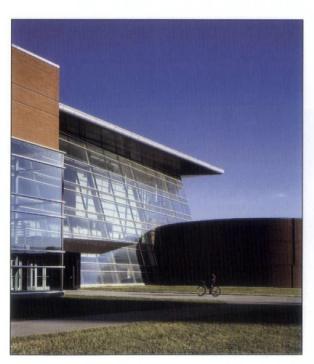
VRAC)

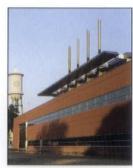
Construction Manager:

The Weitz Company

Photographer: Farshid Assassi, Assassi Productions

### Howe Hall, Engineering Teaching and Research Complex IOWA STATE UNIVERSITY







AIA IOWA MERIT AWARD FOR EXCELLENCE IN CRAFT

### Clause Residence

#### Project:

Clause Residence, Winterset Award Recipient: Haldeman Construction; Stout Masonry

Architect:

Clause Architects, Des Moines

**General Contractor:** 

Haldeman Construction

**Electrical Contractor:** 

Conner Electric

Civil Engineer:

Allender Butzke

Structural Engineer:

Charles Saul Engineering

Landscape Architect:

Clause Architects

Masonry Construction:

Stout Masonry

Photographer:

Tom Clause, Mark Mickunas







#### **AWARDS**

AIA IOWA MERIT AWARD FOR EXCELLENCE IN CRAFT

### Terrace Hill Exterior Restoration Phase 2

Project: Terrace Hill Exterior Restoration Phase 2, Des Moines Award Recipient: Joe Catron, Journeyman Sheetmetal Worker; John Knight, Journeyman Sheetmetal Worker; Jeff Hawkins Architect: RDG Bussard Dikis,

Des Moines

**General Contractor:** 

Neumann Brothers, Inc.

Masonry: Forrest & Associates, Inc.

Painting Contractor:

Color Inc.

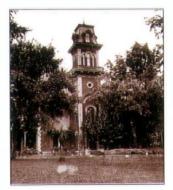
Millwork Contractor:

Architectural Arts

Sheet Metal Contractor:

Air-Con Mechanical Corporation

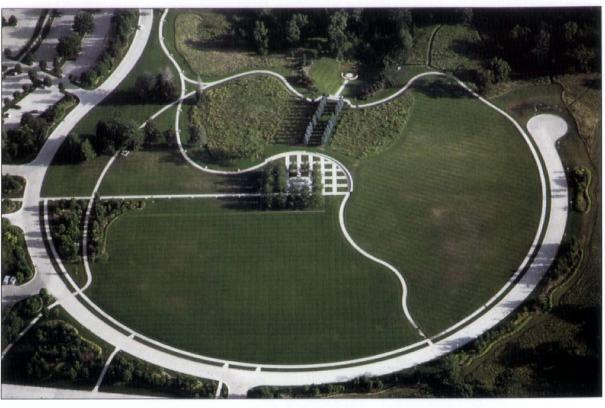






CENTRAL STATES REGION HONOR AWARD

## American College Testing Program



**Project:** American College Testing Program, Inc., Iowa City

Architect:

Herbert Lewis Kruse Blunck Architecture, Des Moines

General Contractor:

Mid-America Construction Company of Iowa

**Civil Engineer:** 

Shive-Hattery Engineers and Architects

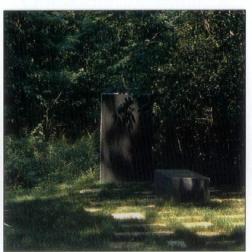
Landscape Architect:

Crose-Gardner Associates (Plant Materials)

**Landscape Contractor:** 

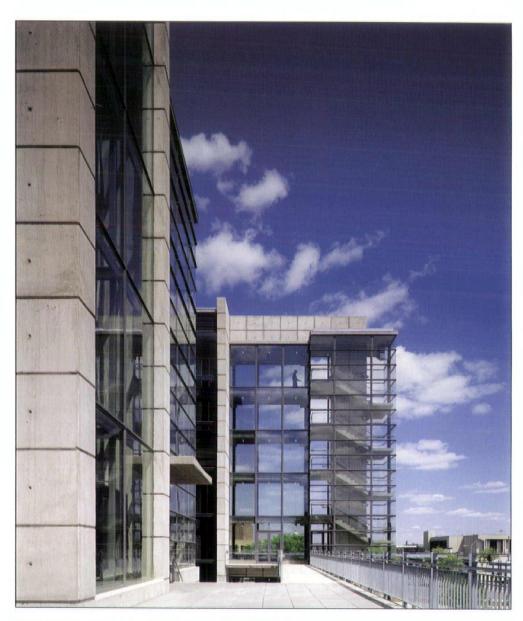
Suburban Landscape Associates **Photographer:** Farshid Assassi,

Assassi Productions



CENTRAL STATES REGION HONDR AWARD

# Center Street Park and Ride



**Project:** Center Street Park and Ride, Des Moines

**Architect:** Herbert Lewis Kruse Blunck Architecture, Des Moines

**General Contractor:** 

Taylor Ball

**Civil Engineer:** 

Bishop Engineering

**Electrical Engineer:** 

Krishna Engineering

Mechanical Engineer:

Krishna Engineering

Structural Engineer: Desman Associates

Photographer: Farshid Assassi,





CENTRAL STATES REGION HONOR AWARD

## Moen Residence



**Project:** Moen Residence, West Des Moines

Architect:

Herbert Lewis Kruse Blunck Architecture, Des Moines

**General Contractor:** 

Dennis Smick

**Electrical Contractor:** 

ABC Electric

Landscape Architect:

Herbert Lewis Kruse Blunck Architecture

Interior Designer:

Herbert Lewis Kruse Blunck

Architecture

Millwork: Lisac Construction
Photographer: Farshid Assassi,

rinorographier: Parshia Assas

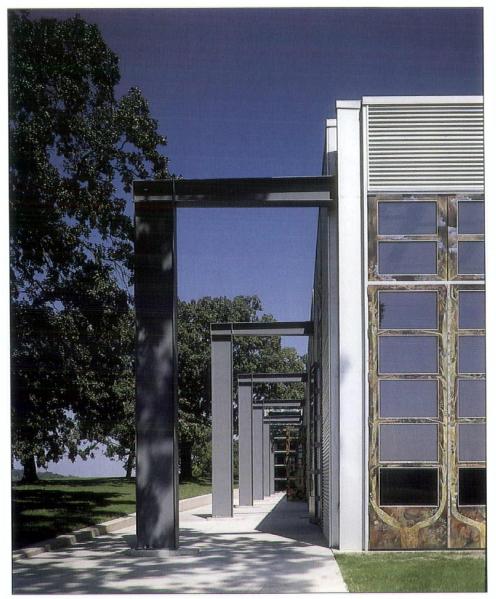




CENTRAL STATES REGION HONOR AWARD

## Sticks, Inc.





**Project:** Sticks, Inc., Des Moines **Architect:** Herbert Lewis Kruse Blunck Architecture, Des Moines **General Contractor:** 

Neumann Brothers, Inc.

**Electrical Contractor:** 

Wolin Electric

**Mechanical Contractor:** 

Wolin and Associates

Structural Engineer:

Charles Saul Engineering

Photographer: Farshid Assassi,





CENTRAL STATES REGION HONOR AWARD

## Administrative Services Building

IOWA STATE UNIVERSITY



#### Project:

Administrative Services Building, Iowa State University, Ames Architect:

Shiffler Associates Architects, PLC, Des Moines

**Construction Manager:** 

Story Construction

**Electrical Contractor:** 

Nikkel and Associates

**Civil Engineer:** 

Engineering Resource Group **Electrical Engineer:** 

Pulley and Associates

**Mechanical Engineer:** 

Pulley and Associates

Structural Engineer: Shuck/Britson Consulting

Engineers

**Mechanical Contractor:** 

L.A. Fulton and Sons

**General Work Contractor:** 

R.H. Grabau Construction, Inc.

Photographer: Farshid Assassi,





CENTRAL STATES REGION HONOR AWARD

### State of Kansas Center for Historical Research

Project: State of Kansas Center for Historical Research, Topeka,

Architect: ASAI Architecture, Kansas City, Missouri General Contractor: Ferrell Construction of Topeka, Inc.

**Electrical Contractor:** 

McElroy Electric Inc.

**Civil Engineer:** 

Bartlett & West Engineers, Inc.

**Electrical Engineer:** 

Smith & Boucher, Inc. Mechanical Engineer:

Smith & Boucher, Inc.

Structural Engineer:

Bob D. Campbell & Company

Landscape Architect:

ASAI Architecture

Interior Designer:

ASAI Architecture

Photographer: Farshid Assassi,

Assassi Productions







#### **AWARD**

CENTRAL STATES REGION HONOR AWARD

### Bowen Residence









#### **AWARD**

CENTRAL STATES REGION HONOR AWARD

# Briar Hills Apartments

**Project:** Briar Hills Apartments, Omaha, Nebraska

Architect: Randy Brown Architect,

Omaha, Nebraska General Contractor:

Overland Constructors, Inc.

Civil Engineer:

Kirkham Michael

**Electrical Engineer:** 

Alvin and Associates

Mechanical Engineer: Alvin and Associates

Structural Engineer:

Kirkham Michael

Photographer: Farshid Assassi,

Assassi Productions







#### AWARD

CENTRAL STATES REGION HONOR AWARD

#### **Project:** H & R Block Artspace at Kansas City Art Institute, Kansas City, Missouri

Architect: BNIM Architects.

Kansas City, Missouri

**General Contractor:** 

Walton Construction

**Electrical Contractor:** 

SKCE Electric Inc.

**Electrical Engineer:** 

SKCE Electric Inc.

Mechanical Engineer: Airtech Engineering

Structural Engineer: Structural

Engineering Associates (SEA)

Interior Designer:

**BNIM Architects** 

Gallery Lighting:

Derek Porter Studio

Plumbing Contractor:

Lexington Plumbing

Photographer:

Mike Sinclair

# H & R Block Artspace at Kansas City Art Institute





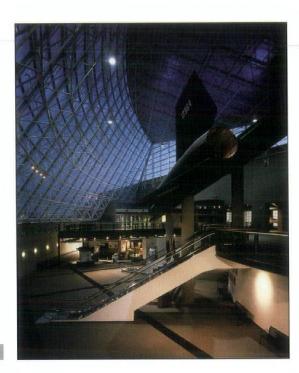


AWARD

CENTRAL STATES REGION HONOR AWARD

# Strategic Air Command Museum

Project: Strategic Air Command Museum, Ashland, Nebraska Architect: Leo A. Daly, Omaha, Nebraska General Contractor: Kiewit Construction Company Electrical Contractor: Miller Electric Company Mechanical Contractor: Midlands Mechanical Photographer: Paul Brokering, Photography







## State Juror Profiles



Shirley Blumberg

Shirley Blumberg of Kuwabara Payne McKenna Blumberg Architects, Toronto, Canada leads a distinguished professional and academic career spanning over 20 years. A graduate of the University of Toronto she became a senior associate of Barton Myers Associates. In 1987 she founded KPMB. She is a member of the Ontario Association of Architects and a Fellow of the Royal Architectural Institute of Canada. In addition to her pro-

fessional endeavors, she has taught at the University of Toronto, served as a visiting critic at the University of Waterloo and Carleton University, and lectured at Kent State University and the University of Nebraska at Lincoln, where she also served as the first woman appointee to the Hyde Chair for Excellence in Architecture.

Her projects include the Design Exchange and King James Place in Toronto (both recipients of a Governors General's Award for Architecture) and a number of interiors including the award-winning advertising offices for Ammirati Puris Lintas in New York, Disney Animation Studios, and the Alias Wavefront Studio in Toronto.



#### Laurie Olin, Hon. AIA

With a bounty of high profile projects behind him, Laurie Olin remains as one of America's most prolific landscape architects. Educated as an architect at the University of Washington, Olin worked with renowned landscape architect Richard Haag and Edward Larabee Barnes New York City, before winning the Rome Prize and Guggenheim Fellowship. With partner Robert Hanna, Hann/Olin was formed in 1960.

Many of their projects received design recognition from such various organizations as the AIA, the American Society of Landscape Architects and the American Planning Association. From 1982-87 Olin served as the Chairman of the Landscape Architecture Department at Harvard University after teaching in various capacities at Harvard and the Universities of Washington and Pennsylvania.



#### Mark Sexton, AIA

Mark Sexton openly proclaims Modernism as his idiom for design. Educated at the Illinois Institute of Technology and practicing with his partner, Ron Krueck, the firm acknowledges their debt to Mies van der Rohe and the legacy he left in their city of Chicago and their alma matter, IIT.

With built work mainly in the Chicago area, the firm's experience ranges from residential work to showroom interiors

to corporate projects to furniture design. The work has been widely acclaimed, receiving multiple AIA awards and publication recognition in Interiors, A+U, GA Houses, Architecture Record, Abitare, and Interior Design. Their work is the subject of a monograph published in 1997 entitled *Krueck and Sexton: Works in Progress*. The forward written by Franz Schulze, sums their work, "...to reexamine the canon and open it to a variety of avenues hitherto unimagined."

# Regional Juror Profiles



#### Ralph Rapson, FAIA

Ralph Rapson, FAIA, of Ralph Rapson and Associates (RR & A), is a Minnesota institution, widely regarded as the state's most influential Modernist architect. A graduate from the University of Michigan and the Cranbrook Academy, he has spent 30 years of his professional career in the quiet groves of academia, where he led the University of Minnesota's architecture program from 1954-1984. He received the Minnesota Society of Architects Gold

Medal in 1979, the Thomas Jefferson Medal in 1965, and the ACSA/AIA Topaz Medal for Educational Excellence in 1987.

RR & A has received over sixty international, national, and regional awards including five national AIA Honor Awards for its work, and has built an international reputation for quality design in institutional, public and private architectural work



#### Joan M. Soranno

Joan M. Soranno, Vice President at Hammel Green and Abrahamson, Inc. (HGA), Minneapolis, Minnesota, has specialized in the design of museums and other cultural institutions for the past twelve years. In 1993, she won the national American Institute of Architects Young Architects Award for design excellence and a Minneapolis Leadership Award for professional success. Soranno's recent achievements

include participating in the University of Minnesota Department of Architecture's Faculty Juried Exhibition at the Frederick R. Weisman Art Museum. She has also taught at the University of Minnesota College of Architecture and Landscape Architecture.



#### Leonard S. Parker, FAIA

Leonard S. Parker is Chairman of the Board and Director Design of The Leonard Parker Associates Architects, Inc, part of the Durrant Group in Minneapolis, Minnesota. In addition to directing an active architectural practice — which under his design leadership, has been recognized for more than 100 design awards and 15 national and international design competitions — Parker was a professor for over 30 years at the

College of Architecture, University of Minnesota. He received the Minnesota Society AIA's Gold Medal in 1986 and the Firm Award in 1995. Parker has been a member of the AIA since 1965 and was elected to the College of Fellows in 1979.

# Student Awards

IOWA STATE UNIVERSITY, DEPARTMENT OF ARCHITECTURE



AWARD

2000 RDG BUSSARD DIKIS DESIGN AWARD

Faculty Advisor: Karen Bermann

The design award is presented annually to the undergraduate fifth-year project that exhibits exceptional theoretical, technical and academic achievement. This diploma project is intended to be the culmination and exhibition of the five-year professional bachelor's degree in architecture at lowa State University. This is the most honored award given to an undergraduate student in architecture.

Above: Site is a silo.

Right: Section through livestock pens.

he Architectural Advisory Council for the Department of Architecture is comprised of a rotating group of noted professionals from around the state and the country. The department's administrators asked the group what they expected from the academy's architectural education. The council prized the creative-thinking holistic, problem-solving opportunities that are a traditional part of the department's interactive design studio experience.

They emphasized the importance of developing a broad range of communication skills that serve all phases of the interactive architectural process: written, verbal, drawing, modeling, and computing. They endorsed significant exposure to the liberal arts to help the students understand the nature of human beings and the aspirations they might have for their built environment. They felt it was critical to cultivate the students' passion for architecture through an understanding of architecture's breadth as a cultural discipline. The council acknowledged the huge void of information that would still remain but accepted the profession's responsibility to channel the student's passion for architecture into the ongoing process of architectural education within the profession.

With this enlightened criteria in mind, the Department of Architecture takes great pride in the work of two students whose projects have been selected as the best in our undergraduate and graduate programs. The work is both rational and poetic; it is personal and passionate without being self-indulgent. They address perceived problems while proposing stimulating questions, which create new challenges within the continuous and evolutionary process of architectural design.

The two students who created these projects, Ann and Ash, represent a rich human resource that has been enhanced by our land-grant institution. The good news is that they, along with many of their talented peers, have stayed in Iowa to begin their careers in architecture. They provide us with a tremendous opportunity. By working together through students, professors and professionals can enrich the interrelationship between theory and practice; this will inform both and help create a built environment that will continue to elevate our expectations and improve our lives.

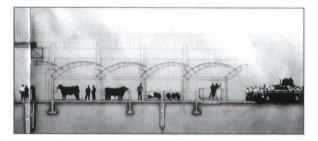
Thank you to the many benefactors in professional practice who enable us to recognize the extraordinary work of our students through awards and scholarships. Please take time to review these two most prestigious awards, the Paul S. Skiles Architecture Award for graduate students and the RDG Bussard Dikis Design Award for undergraduate students.

—Cal Lewis, FAIA, Professor and Chair, Department of Architecture, Iowa State University

**Ossuary Auction House** 

Big business and corporate farming are decimating the culture of rural America. Everyday more and more homesteads are bulldozed, burned and buried. The farmer's livelihood is parceled off and sold to the highest bidder. I am a farmer in rural Iowa and am a witness to the death of this way of life. I remember the farm crisis of the 1980s that devastated the rural economy: farm auction bills, bankruptcy and foreclosure notices filled the newspaper. Those who lost it all tried to find jobs in town but some found suicide the only way out. At the turn of the century there is a new Diaspora, one in which people are leaving the land or being forced off of it.

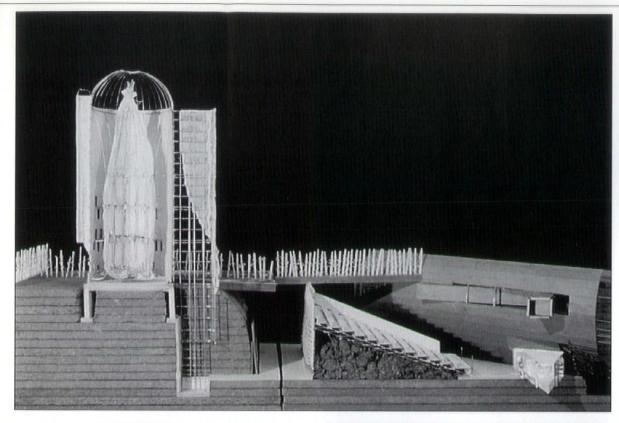
The Ossuary Auction House project grew from these tragic conditions and from the logic, poetics and processes of the rural landscape. Two events generated the program. The first is the burning and burying of farm buildings that occur when a farm has been sold to another landowner or corporation. A farm that has been purchased is more valuable without the barns and house. The buildings on the farm that are not usable for storage are bulldozed, piled burned and buried on the site of the former homestead. The farm only exists in pictures, memories and in some cases, the remaining concrete silo. The second is the farm auction, in which the farmer's life is parceled off and sold. The machinery,



livestock, household items and the farmstead are auctioned off. The time, blood, sweat and tears of the farmer and family are manifested in the things that were built, bought and raised in this livelihood.

The site for this work is a parcel of land located in the township of Buckeye, which lies in the north central Iowa county of Hardin. The site is about three acres, with a township cemetery which lies to the north of the site and a recently completed interstate runs to the south. A concrete silo is all that remains of a farm that used to occupy the site. The farm now lies buried in the soil around the silo.

The silo embodies the life cycle of the farm. Silage, which is fed to the animals, is stored within this container. The food, or seeds are the basic elements of a plant, like the ashes are elements of a cremated body.





Above: Silo is a body.

Left: Section through Ossuary Auction House.



Far Left: Plowshare cuts the earth exhuming the buried farm.

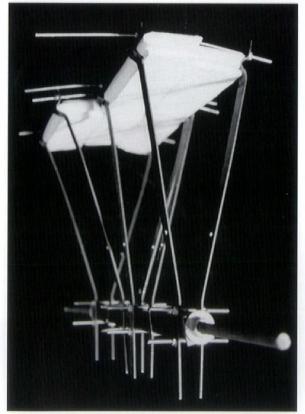
Left: Armature of the silo.

The ossuary, an extension of the cemetery, fills the silo. The urns are interred in a rawhide container, which is an allegory of seeds and corn plants. A structure wraps and protects each urn. This support structure is derived from the ladders that are used to ascend and access the silo. A field of corn was placed around the silo to contain it in a body of seeds.

The auction house is placed underground, at the level of the buried farm. A large steel-clad curved wall opens a furrow in the earth, in which the house sits. This wall exhumes the remains of the buried farm, bringing it to the surface to be part of the fabric of the building. The rows of corn from the field grow in structural roof members and cover the space of the auction hall. The auction block is aligned with the silo, like the deceased and its headstone.

Funeral rites occur in the auction house as well as the rituals of an auction. The body is on view, the pieces are brought before the assembled bidders. The laurels and accolades are spoken, Amen. Sold. An inversion occurs along the datum; dead folks in the air, wrapped in a silo, the living culture in the earth, covered by crops.

This is an autobiographical work. Ultimately I will be a witness to the destruction of my family farm and our way of life.



Below: Site in 1971.





Above: Selling of a livelihood.

—Ash Lettow, Bachelor of Architecture, Iowa State University

#### AWARD

PAUL S. SKILES ARCHITECTURE AWARD

The Paul S. Skiles Architecture Award is presented annually for a graduate thesis that exhibits excellence for an inquiry of architectural studies.

2000 Thesis Committee Members: Dr. Mikesch Mücke, Dr. Catherine Ingraham, Dr. Lee Honeycutt



Museums and dictionaries, in their status as civic institutions, claim both objectivity and cultural authority. As a product of the Enlightenment, the authority of museums and dictionaries depends upon their instrumentalization as machines that serve to order experience. This project undertakes to design a museum, a building for collecting, preserving and displaying artifacts. This museum's collection consists of dictionaries.

Display offers both a method for this project and a means of ordering its documentation. According to the Oxford English Dictionary, the word display derives from the Latin word displicare, which means both "to scatter, disperse" and "to unfold." The OED lists multiple definitions for this entry; these definitions serve to collect and order the design episodes that comprise the Museum of the Dictionary project. Each component presents a moment in the building, a moment in the

research, and a moment in thought about display that plays into the project. A collage panel corresponds to each piece. The writing addresses issues emblematized by the collage.

The discussion begins with the primacy of name and its relationship to its object-referent. The site of the Museum, the Printing House Row Landmark District in Chicago, illustrates the importance of name. The

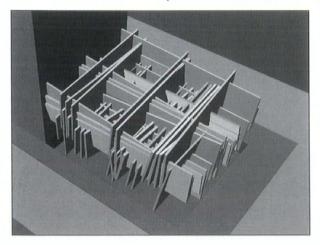
neighborhood was a national center for the printing industry through the early 20th century. Its existing buildings are products of both the Chicago building boom in the late 1800s and a much-publicized revitalization in the late 20th century. An investigation into the social, geographical, technical and architectural

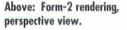
contexts of site both uncovers and instigates

metaphorical and material screening dynamics.

Geometry, with its spotless scientific pedigree, provides the basis for links between letterforms and buildings, and then buildings and bodies. Vitruvius asserts a system of proportioning buildings based on a human body; Palatino and others refer to this system in their own treatises on constructing the Roman alphabet; both rely on geometry as a means of construction. The early conceptual screw-washer model of the Museum *incorporates* the role of geometry by highlighting the constructed nature of an ampersand and, through this model, the building.

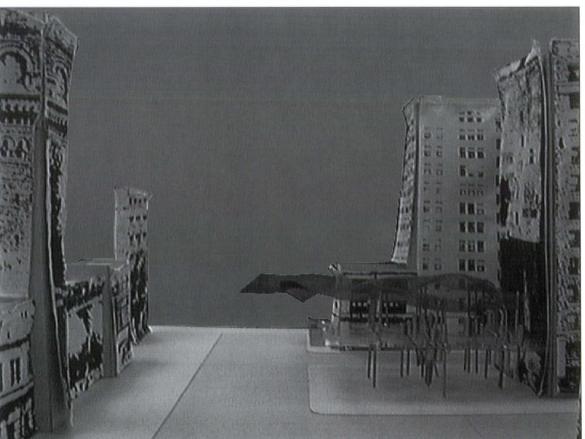
Throughout these explorations a concern — perhaps obsession — for origin continually surfaces. The project turns to Michel Foucault to more closely examine



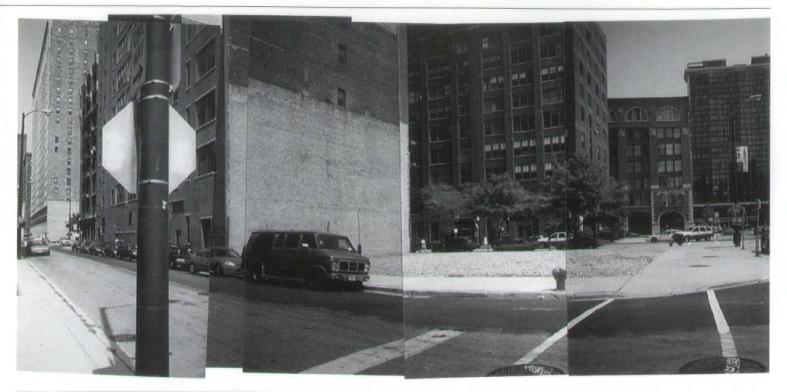


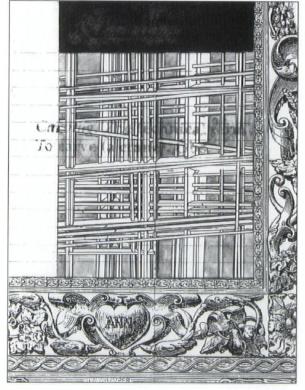
Above Right: Form-2 rendering, top view.

Right: Screw-washer model in site model.



ANN CLARE SOBIECH-MUNSON





curtain walls. The museum spreads out along the narrow center bays, thickening the line of the building's binding. An ampersand extends to the edges of the building

Above: Site photos, Printer's Row, Chicago.

Far Left: Display collage; OED definition.

Left: Display collage, using Leonardo Da Vinci's version of the vitruvian man; OED definition.

and undermine the mythical status of origin, using Foucault's concept of genealogy and anthropologist Victor Turner's notions of liminality as guides in an investigation of the operative mechanisms of dictionaries. Monstrous dictionaries result from this investigation, and their monstrosities challenge conventional thinking on building design. Through a process of "intelligent ordering", the design for the Museum of the Dictionary both recognizes the need for order and challenges its hegemony, thus creating an alternative paradigm for architectural and lexicographical processes alike.

Thus this project becomes about dispersion as well as collection, unfolding and refolding (*re-plicare*) and folding out (*ex-plicare*). The site unfurls in silk-screened

curtain walls. The museum spreads out along the narrow center bays, thickening the line of the building's binding. An ampersand extends to the edges of the building footprint, pointing to the upper reaches of the building envelope and referencing Vitruvius, his man, and geometric links to building. The resulting plane-slots carve into the massed-out diagram of programmed space, derived from conventional notions of museum. A CMU wall appears to tumble through the museum shop, Victor Hugo's prediction fails to come true<sup>1</sup>, and the Landmark Commission sees through it. Dis-play, indeed.

—Ann Clare Sobiech-Munson, Master of Architecture, Iowa State University

Victor Hugo, in Book V of the novel *Notre-Dame du Paris*, writes of an archdeacon who compares books to buildings. In this conversation, the archdeacon points to Notre-Dame when asked "what are your books?" Immediately afterward, Hugo writes: "The archdeacon surveyed the gigantic building in silence for some moments; then, stretching his right hand towards Notre-Dame, he sighed; and looking sadly from the book to the church, 'Alas,' he said, 'one shall destroy the other'" [From the English translation (Boston: Little, Brown and Company, 1899) 1: 255]. Hugo follows this with a chapter devoted to the archdeacon's statement, discussing the impact of printing on the decline of architecture (Book V, Chapter II). The line in French is "-Helas! dit-il, ceci tuera cela" (Paris: J. Hetzel, Librarie-Editeur, 1832): 200. The verb is also translated as "kill" and "overcome."

#### Architectural Education

CORE magazine is the student voice of the Architecture program at Iowa State University. You can visit CORE at http://www.arch.iastate.edu/core if you would like to read more from the students who are currently being educated in the architecture program at Iowa State University.

The following is an article written by Michael Morman and Shane Larsen, two architecture students currently participating in the Rome study abroad program through the College of Design at Iowa State University:

Time moves slower here. Only when you look back at the environment of American life do you realize the pace of Roman life. This fastpaced life that we are familiar with includes the 24-hour copy center, all night gas stations, and vending machines. These luxuries that allow work to happen at all hours of the night, as well as on the weekends, do not exist in Rome. The culture of Rome is settled into a rigor that is slow, but deliberate. As students in Rome we are forced to adapt to the environment, cultures and time while meeting the ever-changing life of the studio. Iowa State architecture students quickly realize that Rome is much more than a center for temples, statues, and churches.

A diverse curriculum with classes in drawing, photography, art and architectural history work well to enhance the studio projects here in Rome. One of the reasons that this program is successful is the dedication of the professors that are willing



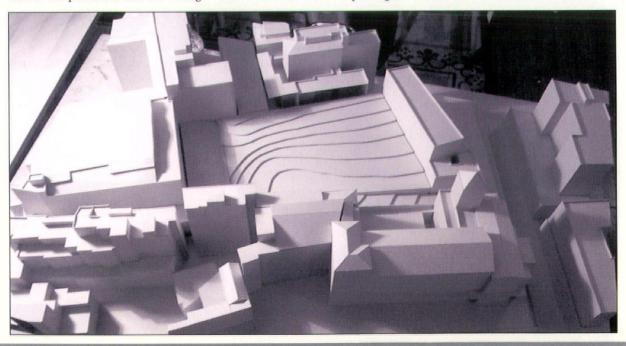
to put their life and in some cases the lives of their families on hold to allow this to happen. Nineteen architectural students along with professors from Iowa State and local Rome scholars make every course of study more dynamic to an already unbelievable experience. The students and faculty work together to manipulate the class schedule to maximize the experience as well as expand the learning possibilities. In the long run this should make us able to produce the best work we have ever seen while being immersed in the culture of Italy and the history of Rome.

To begin, the chosen site is the partially enclosed area of the Piazza San Pietro in Vincoli. The church of San Pietro in Vincoli holds the chains that shackled St. Peter, which are preserved in a glass case. Michaelangelo's sculpture of Moses is also located near the altar. These details display the importance of the site and a couple of gen-

erators for semester designs.

After building a site model we went into individual representation of the parts or ideas from the piazza that intrigued us the most. This study becomes the possibility of expanding our attention for the rest of the semester, and the possibility of further on in our academic careers. These projects ranged from the use of an onion, which represents the layers of the site in combination with the layers that each person has within them, to the commercialization of American culture on Roman lifestyles.

As it is in Rome, we move by the means and abilities that we have before us. Most students are relying upon the use of drawing, sketching, and whatever else we can find from the city. Using the pencil and paper for projects enables students to become totally emerged in their projects and understand the complexities of the culture around us in Rome.



SHANE LARSEN AND MICHAEL MORMAN

# JOURNAL

#### Just in Time for Your New Year's Resolution

Were you one of the few million of us that looked in the mirror after holidays and made a resolution to lose those extra pounds and get that flabby body back into shape? Well do I have a facility for you! The Robert N. Aebersold Recreation Center located at Slippery Rock University, designed by RDG Bussard Dikis, was one of ten chosen by Athletic Business magazine to receive the Facility of Merit Award recently. The annual Award recognizes the team of architects, consultants, facility owners and managers for their efforts in designing and operating athletic recreation, and wellness facilities that are exemplary. Praised for its open design connecting many different elements and functions, the facility provides a wide range of recreation activities while supporting community outreach programs. The facility embodies the personality of both the campus and the surrounding community, Slippery Rock, Pennsylvania, by creating a place where a diverse constituency can participate in contemporary wellness concepts and the promotion of a healthy lifestyle. The apparent hitch to fulfilling our resolution



however is that some of us may not want to move to Pennsylvania. In which case we now have arrived at our excuse to maintain our amorphous shape for yet another year.

## The Interior Design Licensure Saga Continues . . .

The duel between the professional organizations National Council for Interior Design Qualification (NCIDQ) and the National Council of Architectural Registration Boards (NCARB) over licensing of interior designers continues to unfold. One week prior to when NCARB member boards were to consider the resolution opposing further enactment of interior design licensing laws, NCIDQ filed a complaint with the Justice Department requesting that the NCARB be investigated for antitrust violations. Despite this attempt at intimidation, the member boards of NCARB voted nearly unanimously in favor of putting NCARB on record as opposing the licensure of interior designers as "registered design professionals," a classification usually reserved for architects and engineers. Recently the Justice Department responded to NCIDQ's request by informing their representing attorneys that the actions taken by NCARB do not warrant any investigation. Furthermore, a position statement conveyed by the Licensing Committee of the American Institute of Architects (AIA) to NCARB indicates its support of NCARB's resolution opposing interior design licensing as well. It further states, "The AIA Licensing Committee believes that it is the AIA's responsibility to continue to oppose the registration efforts of interior designers and other paraprofessionals until the organizations that represent them raise their standards for education, experience and examination.'

#### The Legacy of a Lifetime



William Wagner, FAIA, a noted architect and crusader for the preservation of historic landmarks throughout Iowa, died in an automobile accident recently. He was 85. Mr. Wagner was responsible for the design and restoration of numerous historically significant buildings throughout Iowa including, the Marshall and Dallas County

courthouses, the Governor's Mansion - Terrace Hill, the Herbert Hoover Presidential Library, the Mamie Eisenhower Memorial, and the Iowa Supreme Court Library among others. He was a charter member of the Living History Farms Board of Governors, and developed the original master plan for the nationally recognized tourist attraction including the development of the 1900's Farm and the Church of the Land. He was also credited with the design of over thirty central Iowa area schools, including North High School in Des Moines. Mr. Wagner received many accolades from his professional peers throughout his career, including receiving the American Institute of Architects highest honor, election to the College of Fellows in 1965, as well as being

the recipient of an AIA Presidential Citation for preservation work in 1996. Most recently, Wagner was honored with *The Iowan* magazine's first ever David E. Archie Preservation Award for lifetime achievement

in architectural preservation in 1999. Despite his recent death, his tireless and often outspoken pursuit of preserving the architectural heritage of this state will remain evident for many generations to come.



STATE CAPITOL OF IOWA — DES MOINES, IOWA

SHERWOOD ADAMS, AIA

# **Architect**

A LIST OF CONTRACTORS AND MANUFACTURERS FOR MAJOR BUILDING ELEMENTS IN FEATURED PROJECTS.

**Administrative Services Building** 

Precast: Iowa Prestressed Concrete; Curtainwall: Netom, Inc.

**Briar Hills Apartments** 

Exterior Building: EFIS Dryvit; galvalum sheet metal: galvalum standing seam; clear cedar plywood; wire mesh; Firestone rubber roof; standing seam; asphalt shingles Windows: Kawneer Anodized Aluminum, vinyl windows; Signage: ASI Sign Systems; Glass: 1" insulated clear glazing; Frames: Hollow metal door frames, anodized aluminum; Doors: Painted birch solid core; Millwork: 3/4" Maple Plywood; Steelwork: hot rolled steel, painted black; Paint: Diamond Vogel; Stain: Diamond Vogel; Floor: maple hardwood, stained concrete floor, carpet; Lighting: Halo, Stonco; Plumbing Fixtures: Elkay sink, American Standard; Walls: painted drywall; Countertops: plastic laminate by Wilsonart; Art Work: photographs by Paula McCarthy; mixed media by Tom Prinz; Accessories: Gadgeteer Retail Store

Center Street Park and Ride

Doors: Doors, Inc.; Exterior Cladding: David Bear Associates; Hardware: Doors, Inc.; Lighting: Infranor, Stonco, Holophane; Miscellaneous Metals: Parker Welding; Windows: Hopes/Architectural Wall Systems

Clause Residence

Windows: Eagle; Concrete Masonry: Rhino Materials; EIFS: STO; Hardware: Doors, Inc.; HVAC: Amana; Carpet/Upholstery: Key & Key Ltd.; Inst.: Gilcrest Jewett

H & R Block Artspace at Kansas City Art Institute

Stair Steel and Structural Steel: Doherty Ornamental Iron; Wood Doors: donated by LabOne; Lightboxes: Acme Sign Co.; Storefront Windows: Vistawall/FGI Glass; Lighting: Ruud Lighting, Inc. (Gallery); Fixtures/Fittings: Acorn; Stainless Steel Toilet Fixtures: Acorn; Sliding Door Hardware: Unistrut; Hardware: Yale; Floor Coverings: Shot Blast and Spray & Seal (Treatment); Doorbell: Spore Inc.

Herndon Hall Restoration

Please call Kirk Blunck, FAIA, for a list of resources.

Howe Hall, Engineering Teaching Research Complex

Metal Panels: Leed Himmel (Manuf.) – Architectural Wall Systems (Contractor); Ribbon Windows & Curtain Walls: Moduline – Architectural Wall Systems (Contractor); Masonry: Forrest & Associates, Inc. (Contractor)

Logsdon [rest]room

Lighting Fixtures: Lightoiler, Bega; Plumbing Fixtures: Kroin, Kohler; Granite: Renaissance Tile; Millwork: Lisac Construction; Metal Work: Hawk Metal

Moen Residence

Please call Kirk V. Blunck for resources.

**Private Retreat** 

Storm Shutters: Rollaway; Roof: Exterior Sheet Metal; Millwork: Venter Spooner; Cabinets: Ron Williams

**Salisbury House Roof Restoration** 

Custom Roof Tiles: Dahlquist Tile Works; Ice Melt System: Delta Therm

State of Kansas Center for Historical Research

Windows: Anderson Windows; Exterior Walls: Limestone – Bayer Stone; Entrances & Storefronts: Kawneer Glazing: Viracon; Metal Doors & Frames: Amweld; Wood & Plastic Doors: Weyerhaeuser; Roof – Terne Coated Stainless: Follansbee; Membrane: Tamko; Skylights: LinEl; Floors – Stone: Bayer Stone; VCT: Armstrong; Carpet: Lees Commercial; Interior Walls – Gypsum Board: United States Gypsum; Acoustical Treatment: Armstrong; Paint: Pratt & Lambert; Wall Coverings: Vicrtex, RJF International; Operable Partitions: Modernfold; Tile: American Olean; Hardware: Schlage; Lockers: Interior/Medart; Toilet & Bath Accessories: Bobrick; Elevators: Dover

Sticks, Inc.

Pre-Engineered Structural Systems: Butler Manufacturing Company; Conference Room Ceiling: Polygal (ice); Exterior Door Finish: Sticks, Inc.; Mahogany Wood Doors: Lisac Construction; Hollow Metal Frames: Doors, Inc.; Interior Steel Angle Frames: Foreman Ford, Parker Welding and Fabrication; Sandblasted Hollow Metal Doors: Curries; Precast Concrete: Fabcon; Berridge Corrugated Metal and Custom Galvalume: Exterior Sheet Metal; Stainless Steel Sinks: Just; Faucets: Chicago Faucets; Molded Plastic Sinks: Crane; Sealed Concrete: Sonneborn Lapidolith; Baltic Birch Plywood: Sticks, Inc.; Sliding Doors: Richards and Wilcox; Custom Pulls: Parker Welding and Fabrication; Miscellaneous Hardware: Doors, Inc.; Rooftop Handling Units, Air Conditioning, Custom Spray Booth, Self-Contained Dust Collection: Wolin and Associates, Sheet Metal, Inc. Steel Plate and Custom Steel Structure: Parker Welding and Fabrication; Perf-Panel and Stainless Steel Mesh: McNichols; Blackboard/Memamine: ADP Lemco; Gypsum Wallboard: FiberRock; Polygal (ice): Regal Plastics; High Bay Metal Halide Lighting: Lithonia; Aluminum Curtain Wall: Wausau Metals; Metal Stud Curtain Wall Windbracing: Kennedy & Company; Clear Polygal and Aluminum Storefront: Foreman Ford

Strategic Air Command Museum

Space Frame: Mero Structures; Pre-Engineered Building Frame, Roof Assembly: Butler Heavy Structures; Energy Daylighting: Anstead Design Group; Aircraft Suspension: National Air & Space Museum

**Taylor Residence Staircase** 

Windows: Pella Windows; Custom Cabinets: Woodcraft Millwork; Ludowici: Celedon Roof Tiles

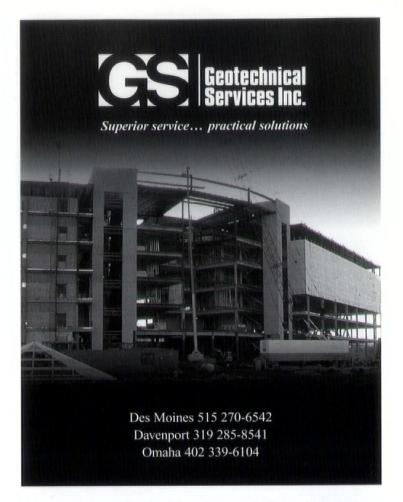
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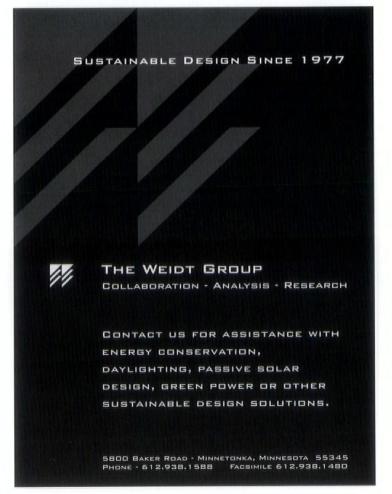
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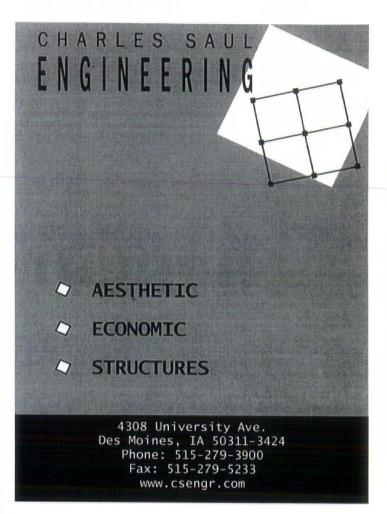
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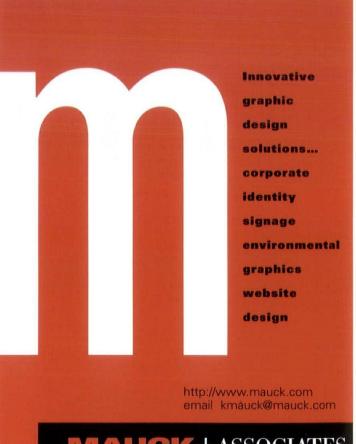
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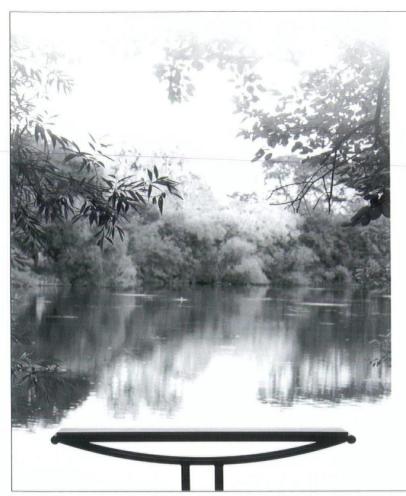
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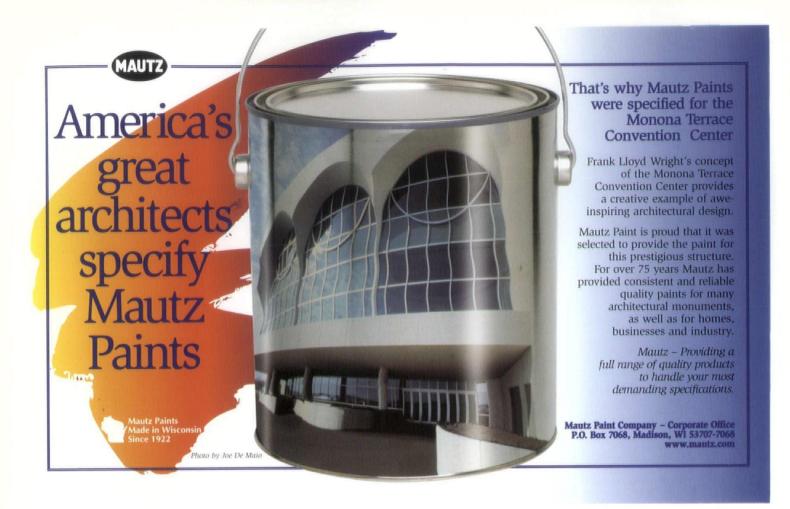
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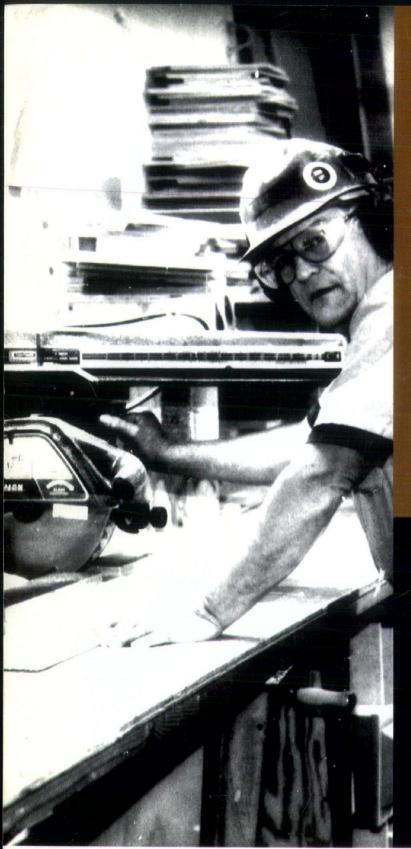






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