MOUNTAIN SHADOW VELOUR

Sergeant Bluff Plant

Sizes Available:
Modular, 12" Utility,
8" Utility Econo

UNITED BRICK AND TILE
DIVISION OF
SIOUX CITY BRICK & TILE

United Brick and Tile
515-254-0196

Sioux City Brick and Tile Co.
712-258-6571
Home Delivery with Fabcon

During one of the harshest winters in Minnesota’s history, Fabcon delivered for The Home Depot. Fabcon’s experienced crews erected two buildings in days instead of months. Featuring Fabcon’s newest finishes - cast-in brick, imprinted tinted concrete and smooth surfaces with graphics - The Home Depot’s latest stores are not only cost-effective, but they are winners architecturally. Let Fabcon bring home your next project.

To receive additional literature, call Fabcon at (800) 727-4444 • Fax: (612) 890-6657
6111 West Highway 13 • Savage, Minnesota 55378-1298

MANUFACTURING & SALES OFFICES
Savage (800) 727-4444 • Columbus (800) 900-8601 • Indianapolis (800) 954-4444

REGIONAL OFFICES
Buffalo (716) 875-5030 • Cedar Rapids (800) 728-6683 • Chicago (800) 954-4444 • Des Moines (800) 247-6684 • Detroit (810) 349-1710 • Milwaukee (800) 974-4446 • Pittsburgh (412) 352-3953 • St. Louis (314) 432-1666
Transform Your Client’s Home Into A Showplace!

Satisfy your desire for elegance.

PC GlassBlock® products offer the radiance and beauty of glass...the strength and security of thick, break-resistant glass block. This beautiful, versatile building material inspires imaginative designs that can transform your home into an elegant showplace! And it’s available in a choice of patterns to provide the amount of light transmission and privacy you desire.

Enhance and enliven your entryway, kitchen, bath, bedroom, gameroom, stairwell...PC GlassBlock® windows, walls and partitions add dazzle to any part of your home...both inside and outside!

Ask us how American-made PC GlassBlock® can turn your home into a showplace.

CONCRETE PRODUCTS CO.
Your Construction Supply Center
SIOUX CITY

2222 East Third Street • Sioux City, Iowa 51101
Telephone: (800) 352-4644 • FAX: 1-712-252-2262
Fifty-Nine New Intern Apprentices Joined The Masonry Four Year Programs At The Iowa Brick Layers Union, Kirkwood Community College, and Ellsworth Community College.

Committed To Training New Apprentices For The Masonry Profession
America's great architects specify Mautz Paints

That's why Mautz Paints were specified for the Monona Terrace Convention Center

Frank Lloyd Wright's concept of the Monona Terrace Community and Convention Center provides a creative example of awe-inspiring architectural design.

Mautz Paint is proud that it was selected to provide the paint for this prestigious structure.

For over 75 years Mautz has provided consistent and reliable quality paints for many architectural monuments, as well as for homes, businesses and industry.

Mautz – Providing a full range of quality products to handle your most demanding specifications.

Mautz ... Quality paints since 1922.
Issue No. 98:224

1997 DESIGN AWARDS

Introduction 7
M.C. Ginsberg: Object(s) of Art 10
DE-CODE/RE-CODE ATLANTA 12
Wallace Hall Renovation and Addition 14
Orchard Place Greenhouse “Club Chris” 16
Des Moines Riverfront Amphitheater 18
Weight Training Facility, ISU 20
Zuendel Residence Addition 22
The Heierding Building 24
K J McNitt Construction, Inc. 25
Boys Club of Sioux City 26
Broadmoor Development Company 27
BeBos Grill 28
Congregation Beth Torah Synagogue 29
Drive-up Facility, UMB Bank 30
Juror Profiles 31
Student Architecture Awards, ISU 32

DEPARTMENTS

The Arts 8
Portfolio 9
Design Digest 38
Journal 39
Resources 40
Advertisers Directory C3

Cover
M.C. Ginsberg: Object(s) of Art, West Des Moines, Iowa, Herbert Lewis Kruse Blunck Architecture. Photo by Farshid Assassi.

© Copyright 1998, The American Institute of Architects, Iowa Chapter
ARCHITECTURAL WALL SYSTEMS CO.

ARCHITECTURAL WALL SYSTEMS CO. WAS CONTRACTED TO FURNISH AND INSTALL HIGH PERFORMANCE WINDOWS, ALUMINUM COMPOSITE PANELS, TRANSLUCENT BARREL VAULT SKYLIGHTS AND ALUMINUM ENTRANCES. BY UTILIZING HIGH PERFORMANCE SPECTRALLY SELECTIVE GLAZING WITH IT'S COMPATIBLE THERMALLY BROKEN ALUMINUM FRAMING SYSTEM AND THE 2 3/4" INSULATING TRANSLUCENT SKYLIGHT, THE MECHANICAL SYSTEM WAS DOWNSIZED, RESULTING IN OVERALL COST SAVINGS TO THE OWNER.

3000 30TH STREET DES MOINES, IOWA 50310  515.255.1556 FAX 515.255.1510
The challenge of architecture is the meaningful orchestration of materials, program, people, budgets and time in the creation of place. As architects, we often use one of these elements as an excuse for why the project did not quite turn out the way we had hoped, or why the project did not communicate. Meaningful architecture is about accepting this challenge and exploring the creation of places that communicate, inspire and provoke. Every project, no matter how commonplace, has this potential. It is the architect's responsibility to craft all of the elements of a project into a meaningful place that defines excellence.

The annual AIA Iowa and AIA Central States Region Design Awards recognize this excellence in recently completed projects in Iowa and throughout our region. The juries for this year's programs were comprised of distinguished individuals in our profession. The 1997 AIA Iowa Design Awards jurors were: Frances Halsband, FAIA (jury chair), R.M. Kliment & Frances Halsband of New York; Cathy J. Simon, FAIA, Simon Martin-Vegue Winkelstein Moris of San Francisco; and Alexander Seidel, AIA, Seidel Holzman of San Francisco. The 1997 Central States Region Design Awards jurors were from New York: Wayne Berg, FAIA (jury chair), Pasanella + Klein Stolzman + Berg Architects; Steven Holl, AIA, Steven Holl Architects; and Edward J. Mills, AIA.

The 1997 AIA Iowa and AIA Central States Region award winners that follow range from small interior renovations to urban public spaces. Through their purity of concept and execution, these projects define design excellence. In each project, regardless of type, you will find clarity of intention, communication and beauty. These qualities are necessary in the meaningful creation of place.

Kevin Nordmeyer, AIA
1997 Awards and Recognitions Chair
1997 Secretary, AIA Iowa
Robert Colescott
Twenty paintings by American figurative painter Robert Colescott will be on view at the Walker Art Center in Minneapolis, Minn., Jan. 25 through April 5, 1998. Robert Colescott: Recent Paintings presents the work of this Arizona-based artist, the first painter to represent the United States at the Venice Biennale since Jasper Johns.

Cindy Sherman
A mid-career retrospective of work by innovative American photographer Cindy Sherman will be presented by the Museum of Contemporary Art in Chicago, Ill., Feb. 28 through May 31, 1998. Cindy Sherman: Retrospective includes 150 photographic works from each of the artist's major series, as well as Sherman's most recent work revealing her important contribution to the development of Contemporary Art.

Inked in Time
The Nelson-Atkins Museum of Art in Kansas City, Mo., will present Inked in Time: Six Centuries of Printed Masterpieces, Feb. 22 through May 31, 1998. Drawn from the museum's permanent collection, the exhibition will focus on 100 printed works ranging from the 15th to the 20th centuries. Artists represented include Rembrandt, Goya, Durer and Toulouse-Lautrec.

African Art
Baule: African Art/Western Eyes will be on view at the Art Institute of Chicago in Chicago, Ill., Feb. 14 through May 10, 1998. This is the first major exhibition of Baule art ever organized and is comprised of approximately 125 works from this West African culture including masks, figures, staffs, drums, jewelry, pottery and textiles.
Boltz Residence
Construction on the Dr. James Boltz residence, designed by Laugerman Architects, P.C., is scheduled for next spring. The client requested an exterior reminiscent of a French chateau. The design incorporates several pieces collected by the client, from marble fireplaces and ornate niches on the interior, to the terra cotta relief and cast iron lanterns surrounding the entrance on the exterior. The house, sited on the back portion of a five-acre lot in Grimes, will rise 43 feet above a raised earthen plinth, terminating on approach lined with trees. The expansive interiors encompass over 2,800 square feet per level and boast 10 to 14 foot ceilings throughout.

College of Design Expansion
Baldwin White Architects, P.C., is developing a planned expansion to the Iowa State University College of Design. The expansion includes a new 250 seat auditorium and associated exterior plaza development. Enhanced exhibit capacity, jury spaces and study areas will be developed within the existing atrium. A state of the art facility for distance education and networking will be added to the first floor and a studio addition will be added to the lower level. Construction is anticipated to begin in 1998.

Security Police Operations and Base Entry Complex
FEH Associates, Inc., has completed construction documents on a portion of the long range master plan that included a 35-acre expansion area to be the focal points for both security/law enforcement activities and public image of the Iowa Air National Guard 132nd Fighter Wing at the Des Moines International Airport.

This three-phased project includes a security police facility, supply and main entrance gatehouses and relocation of a popular aircraft viewing point—the "blue lights"—to a park-like controlled setting.

A new four-lane main entrance road and gatehouse create a positive public image with flanking static display aircraft and an electronic message center to publicly inform passersby of ongoing events. The second entrance will route supply vendors and fuel trucks, freeing up traffic congestion at the main entrance.

Currently, the project is awaiting construction funding for fiscal year 1999.
Located in a typical suburban shopping strip, this project for a jewelry and fine accessory shop sought to create an extremely flexible, gallery-like setting that focused the viewer on each item. The project materials establish a neutral, stoic backdrop to the gold, silver, precious stones and china on display.

The existing space, formerly a women’s shoe store, was gutted; most materials and cabinets are anchored by stainless steel bolts and security screws, so all materials can be reconstructed in another space when the current lease expires.

Jury Comments —

REGIONAL
There is a great intensity...this architect has great skill. When you enter, there is a cleansing right at the entry. This project was the best executed from what we saw today.

STATE
...attention to craft and detail. The project starts with the plan and develops a whole idea from there. The elements are modular and transportable. The materials are well chosen as a background for the jewelry displayed.
This project redefines established boundaries that separate public and private space. Seating, shade structures, ramps, stairs, gardens and a newsstand provide opportunities for rest, conversation and gathering within the public space of the street. An overhead canopy and an unused traffic island, transformed into a shaded public plaza, offer an urban public room. "Fugitive texts," etched into the site walls, document Atlanta's rich history of people and events.

Project: DE-CODE/RE-CODE ATLANTA
Location: Central Avenue between Decatur Street and Wall Street, Atlanta, Ga.
Completion Date: July 1996
Owner: The Corporation for Olympic Development in Atlanta
Architect: Conway+Schulte, Ames, Iowa; William F. Conway, AIA-Design Principal; Morcy Schulte, AIA-Project Architect
Project Team: Marcelo Burigo M. Pinto, Tim Wolfe, Kathryn Bague, Ian Scott, Russell Anderson, Douglas Pfeiffer
Structural Engineer: Pruitt Eberly Stone Engineers, Atlanta, Ga.
Civil Engineer: Eberly & Associates, Atlanta, Ga.
Graphic Designer: Paula J. Curran, Ames, Iowa
Consultant: Atlanta History Center, Atlanta, Ga.
Resources: See page 40

Jury Comments —
STATE
This makes something out of nothing, taking a threatening intersection of downtown streets and reclaiming it for the people of the city. Again, a project in which the clients and the architect deserves the award for the invention and creating out of this complex design. There is a feeling of community, evident in the words added to the concrete benches. The concrete bulwark creates a protected place in a threatening environment. This focuses the downtown and marks the crossing of streets. This is place-making at its best.
Original built in 1889, this building was designated a national historic landmark in 1991. A stair, elevator tower and handicap ramp have been added to meet life-safety and code requirements. New mechanical and electrical systems and interior finishes contribute to a first class renovation for the departments of psychology, sociology and education at Simpson College. Yet, the building maintains its original exterior integrity and significance for the college and community.

Jury Comments —
STATE
This project solves problems that all of us face. The solution includes two sets of sensibilities: first, the sophistication of being able to add to an old building in the original vocabulary, making the original better than it was originally; second, adding new elements which by their lightness contrast with the existing elements. This is about doing more with less.

Project: Wallace Hall Renovation and Addition
Location: Simpson College, Indianola, Iowa
Architect: Herbert Lewis Kruse
Blunk Architecture, Des Moines, Iowa
General Contractor: Taylor Ball, West Des Moines, Iowa
Structural Engineer: Dennis & Magnani Structural Consultants
Mechanical/Electric Engineer: Paul Wolters Consulting Engineers
Photographer: Farshid Assassi
Resources: See page 40
This greenhouse facility was donated by parents in memory of their teenage son, to a local group home for troubled youth. It is the center of a horticultural therapy program and a club at which residents can gather in reward for positive behavior. The built-in bench provides this gathering space around a memorial tree. The greenhouse is composed of natural cedar framing and galvanized metal attachments that support standard greenhouse heating and cooling systems.

Jury Comments —

STATE
Economical solution to program. Beautiful separation of glass form from the wood structure. The columns separate the space into a central area with the tree and small work spaces, creating lots of places to spend time with plants. This is a prize for everything the architect left out of the project, as well as everything that is there. This is a focused project.
A grass-covered bowl creates an outdoor amphitheater that seats approximately 2,000 people. The curved concrete bench-and-planter enclosure surrounding the amphitheater replaces the existing flood control levee. The paved plaza serves as a performance area, while the lighted arch of an aluminum truss marks the raised circular stage. This stage, projecting into the Des Moines River, follows the details of the concrete river wall. Audiences are able to gather along the adjoining river bridges for special occasions.

Project: Des Moines Riverfront Amphitheater
Location: Des Moines, Iowa
Architect: Herbert Lewis Kruse Blunk Architecture, Des Moines, Iowa
General Contractor: Civil Constructors, Des Moines, Iowa
Engineer: U.S. Army Corps of Engineers
Mechanical & Electrical Subcontractor: Stroh Corporation, Des Moines, Iowa
Photographer: Fanshid Assassi
Resources: See page 40
This project is civic without being institutional. It is, again, doing more with less. It extends the historic language of the site, yet the arch is light and beautifully frames vistas of downtown, adding importance to existing structures. The project fits seamlessly into its context; we could determine where it began and where it ended. The jury notes that this award should clearly be given for a complex client group as well as the architect, recognizing the difficulty of creating civic space and infrastructure in our complex political environment.
The Iowa State University athletic complex, located at the football stadium, underwent a three-phase addition and remodeling, including that of the athletic office and training facility. The northern portion of the existing building was converted from athletic offices to weight training. The north wall was replaced with a curved glass block wall crowned with skylights, creating a dynamic backlighted street facade for the entire complex. The project added valuable space and daylight to the sports facility.

Jury Comments —
STATE
The new glass block wall ties the building to the bigger elements on the site, echoing the curve of the stadium beyond. The glass block admits light without compromising privacy, an important aspect for a workout room. The subtle change of dimension of the glass block at the column lines adds a welcome level of detail. The transparency of the skylight allows views of the complex beyond. The artwork incorporated into the skylight plays with light and is not overwhelming to the architecture or the environment. The acceptance of the symmetrical in the development of the scheme does not limit the modernity of the approach.
The project expands the living room beyond an existing deck into a gradually sloped and landscaped backyard. Concrete retaining walls create a sectional sequence that integrate the addition into the sloping landscape. This sequence begins at the porch and continues to the original deck, new deck, spa tub and finally to existing grade. Each change involves only a slight drop, creating a terraced effect. Marble and granite materials catch and record the diurnal changes of light.

Project: Zuendel Residence Addition
Location: Des Moines, Iowa
Architect: VOV Architecture + Design P.C., Des Moines, Iowa
Principal-In-Charge: Robert Olson, AIA
Project Designer: Ian Scott
Design Team: James Schaeffer; Robert Ridgeway, AIA
General Contractor: Koester Construction- Kevin Conway, Tom Woods, Kent Bontrager, Steve Blount, Bob Russo and Brian Conway
Structural Engineer: John Nigro
Photographers: Greg Scheideman/Studio AU; James Schaeffer, Ian Scott
Resources: See page 40

Jury Comments —
REGIONAL
Skill with a language and materials...a skillful juxtaposition of materials...not an easy addition, but done with an intensity that added complexity...it becomes a sculptural addition to the original that is already interesting.
The object was to restore this architectural office building's exterior to its 1914 condition. Additionally, a gallery/conference space was created on the first level to accommodate project meetings and photograph displays. Six "light shrines" in the interior illustrate how daylight and electric light create atmosphere.

Jury Comments —
REGIONAL
The project is articulate, low budget, but remarkable. This exploration can be interpreted beyond the project; this should be awarded for its aspirations.

Project: The Heierding Building
Location: Oklahoma City, Okla.
Architect: Elliott + Associates Architects, Oklahoma City, Okla.
Interior Design: Elliott + Associates Architects
General Contractor: Smith & Pickel Construction
Electrical: Womack Electric
Structural: Stan Lingo, P.E.
Erection: Smith & Pickel Construction
Graphics: Elliott + Associates Architects
HVAC: United Mechanical
Landscape: Brian Dougherty, ASLA
Lighting: Smith Lighting Sales and Penny Lighting Sales
Plumbing: United Mechanical
Photographer: Bob Shimer/ Hedrich Blessing
Resources: See page 40
building owner is a commercial contractor with a special expertise in precast concrete panel construction. The building is designed to be an illustration of the potential of precast concrete construction. It demonstrates that these materials, used in an interesting way, can yield remarkable results.

Comments —

Architectural directness of conception is intriguing. The conference room is a wonderplace...I want the table for my office. The tilt supports are aggressively on the interior. The one at the corner of the parking lot is a nice detail to define relationship to the building.

Architect: McNitt Construction, Inc.

Location: Oklahoma City, Okla.

Structural Engineers: Pendergraft Engineering

Landscape: Ted Garland, Landscape Architect

Photographer: Shimer/Hedrich Blessing

Sources: See page 40
The building was constructed as an armory in the early 1900's; the Boys Club moved in during the 1950's. From a gloomy, rundown facility, a new spacious, uplifting environment has emerged—a place for the boys. The boys said, "We want windows, a big basketball court and cool stuff! Build us a tree house, build us a boat. Make things fly. Make it open and outdoors!" The architects listened to the boys; they made drawings for the boys; they created architecture with the boys.

Jury Comments —
Regional
The architect made space and spatial considerations with the new structures. The architect conserved energy for intersections. The social program of this project was given a new sense of invigoration.

Project: Boys Club of Sioux City
Location: Sioux City, Iowa
Architect: Randy Brown
Architect, Omaha, Neb.
Contractor: WA Klinger, Inc.
Photographer: Farshid Assassi
Resources: See page 40
The client's agenda was to design the office space for real estate development in any. Two owners and a management staff of 12 required separate offices and several conference/meeting rooms. The result is an office space that is suitable for business, not restricted to this or other potential adaptations.

Comments:

This project has nice elements...the way light is brought into the space makes the conference room a special place.

Project:

Broadmoor Development Company

Project Location:

Corporate Offices, Omaha, Neb.

Architect:

Randy Brown Architect, Omaha, Neb.

Landscape Architects:

Randy G. Brown, Sheehy S. Krutkorad, Michael Patron, Tom Alluma, Sheela S. Brown

Contractor:

S Constructors, Inc.

Photographer:

Farshid Assassi

Sources:

See page 40
The design challenge presented was to create a unique dining experience with a low budget. The space was to reflect the food style..."fun and different." The design concept is of organic nature, celebrating the natural beauty of materials and the sculptural essence of form. The chosen materials are left unadorned without added polish. A wondrous layering effect creates depth and detail, rather than glitz and fashion. The design is comfortable, yet provides sophistication.

**Project:** BeBos Grill  
**Location:** Omaha, Neb.  
**Architect:** Avant Architects, Omaha, Neb.; Lori M. Krejci, AIA  
**General Contractor:** Turnbull Construction, Omaha, Neb.; Dennis Turnbull  
**Mechanical/Electrical Engineer:** Dale Schnacler Co., Omaha, Neb.  
**Lighting and Sculpture:** Architectural Lighting Resources, Omaha, Neb.; Wood Sculpture: Vern Hansen, Glendale, Ariz.  
**Photographer:** Kessler Photography, Omaha, Neb.; Tom A. Kessler  
**Resources:** See page 40

**Jury Comments — REGIONAL**  
There is some imagination that is fresh, here. This project with originality and innocence. The sculptural form is Baroque...a model that helps to form space.
Congregation Beth Torah Synagogue

Synagogue's intimately scaled blocks form an abstract Eastern village; the stones resemble Jerusalem. Transition, a semicircular den structure within, like the Heritage Torah, is a desecrated Czechoslovakian synagogue. The structure interacts with seven columns, symbolizing the transition. The curving walls state a transition from secular to sacred space.

Comments —

A landscape works with the block-like forms of the building. The Torah closure is beautifully located. It is nice that the architect knows how to use this formal language.
Drive-up Facility

Site planning became a key issue for this project, in order to meet city ordinance requirements for parking, traffic flow and landscaping. The building is unique but utilitarian. The facility includes seven lanes for drive-up banking, ATM kiosks and 600 square feet of teller building that contains work space, a night safe deposit, a break room and a rest room.

Jury Comments — REGIONAL

The simple thing about it is the two unwieldy geometries of a cone and a triangle. The architect forces them together in a way that is convincing with the rotational nature of the site. The site planning is successful. The top of the inverted cone works like a billboard with the addition of this interesting structure.

Project: Drive-up Facility
Location: UMB Bank, Overland Park, Kan.
Architect: International Architects Atelier, Kansas City, Mo.- Project Designer, John Lawrence, Dow + Associates, Kansas City, Mo.- Prime Architect
General Contractor: Winn-Senter Construction Co.
Structural Engineer: Bob D. Campbell & Company
Mechanical Engineer: Smith + Boucher, Inc.
Photographer: Farshid Assassi
Resources: See page 40
Regional Jury Chair
Wayne Berg, FAIA
Wayne Berg, FAIA, has been design principal at Pasanella Klein Stolzman Berg Architects since 1986. His recent work includes the Root House Interior in Ormond Beach, Fla., winner of a 1997 AIA National Honor Award; the Education & Development Center at Clinch Valley College in Wise, Va., winner of a 1995 P/A Awards Citation; and the Reed Library Addition in Fredonia, N.Y., winner of an AIA/New York State Association of Architects Award for Design Excellence.

Berg was elected to the “40 under 40” and “Emerging Voices” rosters in 1986. Prior to joining Pasanella Klein Stolzman Berg, he was a designer at the office of Robert A.M. Stern. He began his professional career at Backen Arrigoni & Ross in San Francisco, Calif.

Berg has served his colleagues and the profession through the AIA New York chapter. He has been the chapter’s vice president; chair of the Design Awards Committee; editor of New York Architecture, Volume 4; a member of Oculus; and a member of the Nominating Committee. He worked on the educational architecture task force formed by the NYC School Construction Authority and the AIA/NYC. In 1994, he was named a Fellow in the Institute. Berg is also a participant in the Regional Plan Association, which recently completed the Manhattan Crosstown Regional Plan.

A native of Montana, Berg received a bachelor’s degree in architecture from Montana State University in 1969. He has been an adjunct assistant professor of the Iowa Architect's Graduate School of Architecture, Planning and Preservation, for the past seven years.

State Jury Chair
Frances Halsband, FAIA
Frances Halsband, FAIA, received a bachelor’s degree in 1965 from Swarthmore College and a master’s degree in architecture in 1969 from Columbia University. She worked for five years in the office of Mitchell/Giurgola in New York before starting the firm of R.M. Kliment & Frances Halsband Architects in 1972 with Robert Kliment, the recipient of AIA’s 1997 Firm Award.

Halsband has taught at the universities of Columbia, Pennsylvania, Virginia, North Carolina State, Rice and Harvard. She was president of the Architectural League of New York, and president of the AIA New York chapter. She was also dean of the School of Architecture at Pratt Institute, and a commissioner of the New York City Landmarks Preservation Commission. She has served on numerous design awards juries and chaired the AIA National Honor Awards Jury in 1995. She also serves as publisher of the journal Places.

The work of her firm includes planning and buildings for educational and public clients; building renovations; historic preservation/adaptive reuse; interior design; and residences.
n one sense these are small projects, small architectures. They are intimate in their shared existence with the concrete elements of particular landscapes, one natural and one artificial. They are controlled and specific in their intended uses. They are profoundly exurban, positioned either in-between or out there. They are beautiful in their self-containment.

In another sense, the more important one, these are large projects. They contain and manifest the powerful possibilities of architecture as an apparatus for change. They map points and positions of crisis—destruction of the environment, the conflicting existence of peoples. They establish the possibilities of engagement of dialogue, and, ultimately, of conversion.

These two works—one an undergraduate diploma project, and the other a graduate thesis—exemplify the culmination of two courses of study. They are experiments: the use of design as a process of inquiry and investigation; and they are buildings: architecture as a response to profound and evocative social conditions. They embody both the special and unique capabilities of their designers and the collective intentions of our working together at Iowa State University.

— Robert Segrest, AIA, chair, Department of Architecture, Iowa State University

The 1997 Graduate Thesis Project: The Graduate Thesis Project is presented annually for a graduate thesis that exhibits excellence for an inquiry of architectural studies.

The Architecture of the Borderline and adrihalut al kav ha’tefer [on the seaming line]

This is a project about a way that architecture can be invoked within the situation of borders. It is a research that encompasses cultural and socio-political issues to portray a design of structural elements that were conceived as an integral part of a complicated environment. Thus, the building itself is not only a reflection of the intense complexity, but also an allegorical merging of elements that evolved from the unique character of the borderline and its landscape.

I propose an architectural structure between Israel and the Palestinian state in which the process of learning to live together will be practiced, theoretically, a continuation of the peace process. It will be built on zone defined by the borders of the two countries.
lish a "mediating terrain" by which I hope to carry through several ideas. The first idea is a construction that by its significant elements will embody cultural entities generated from nations and will function as a venue for local stories told by individuals rather than by the governmental voice. The second idea is to construct a place that psychologically affects the act of crossing the border. Regarding the existing condition, it is important that movement from one country to the other will occur through a suppression of feelings such as hatred, enge and control, and perhaps these destructive options will be transformed into ones that sustain a willingness to understand and cope.

The architecture on the border is planned to be a continuing marketplace in which various products exchanged. These are open spaces for selling goods and closed places which function as an "information market" (or as an "anti-labor market") and allow people from both sides to collect data about the labor market and supply."

The thesis was developed by breaking down the complicated topic of the border into fragments: pieces related to its content and pieces of making which were incorporated with the architectural program. I say craft as a wide surface to experiment ideas with different materials and techniques such as fabrics, glazes and inks, and in that manner the freehand expressions became essential to bridge between the "gesture drawings" and the more accurate descriptions. This range of approximation in the making reminds the condition of the border on the land and the idea to thicken up the dull line between the countries. Hence, this projects suggests a different way of representing an architectural idea and a different way to interpret information related to a particular site in a specific context.

The methodology that I used to develop the idea of the marketplace was the connection of "signifiers" by which their varied meanings led to a framework of architectural decisions such as the materials, the forms, the arrangement of functions and the circulation on the site.

The words below are examples to objects or concepts that have become signifiers: canvas, plate, fence, negotiation—exchange—marketplace—souq, fluidity and milk/veil. The canvas as material that is used for art work, for building and for traveling in the country, became the surface on which the conceptual mapping was made. At the same time, the canvas was one of the elements from which I started to develop the roof's system in the marketplace as a membranous structure. In the same way of which a word—concept—idea led to an architectural element, the manner of exchanging ideas, as well as products, became a guideline for planning the way in which the market stalls are situated facing each other and affecting the circulation in the site.
The 1997 Kocimski Prize: The Kocimski Prize is awarded 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 Iowa State University. This is the most honored award given to an undergraduate student in architecture.

Remote Educational Facilities at the Prairie Learning Center

I chose the prairie as my venue for design because it is a recent issue facing our society...in other words, we need to understand our impact as humans on nature and how we must deal with the irreplaceable damage we have inflicted. My strategy for this project was to look at the various ways mankind has destroyed the prairie in order to preserve her/himself. These technological tools include the (plow) moldboard which folded over the root system of the prairie, the drainage tile which emptied the land of moist soil to provide a more suitable soil for crop growth, and the furrow opener (planter) which replaced the prairie grass roots with crops. These three objects were treated separately by investigating in detail each remote educational facility.

One facility was in the vast expanse of the prairie and was developed by the plow. This facility studied the effect of the plow cutting through the soil and studied how man could inhabit that space, which allowed the structure to take a prominent position in the expanse of the prairie without taking away from the breathtaking panorama.

Next, the project near the wetland impoundment (small lake) was investigated through the drain tile. This structure allowed the person experiencing it metaphorically playing with the water as it cascaded throughout the building and literally allowing the observer to see the stratification of the soil and the intersection of ground to water.

And, finally, the boundary between the prairie and oak tree savannah forest was explored through the planter. The planter’s capability to organize nature became the perfect venue to explain the linear prairie rejuvenation process. While at one end of the structure, fertile mind becomes opened to the 100-year cycle of prairie rejuvenation, the middle plants the seed information, and the other end packs the soil around (concretizes the information) through the explanation of the gradual shift of the savannah forest, as the previous...
The Prairie Learning Center: Located two miles south of Prairie City, Iowa, the Prairie Learning Center is operated by the United States Fish and Wildlife. The prairie is in the process of restoration at the Walnut Creek Wildlife Refuge. This center provides interactive learning opportunities and the remote educational facilities provide expanded "on-location" learning opportunities for children and special programs.

Left: Savannah Site
Where the prairie meets the trees...the savannah site explores the pivotal point in the disappearance of the prairie where the prairie seed is replaced, via the planter, with food-bearing crop. The construction also engages the ever-shifting savannah forest, that gradually moves, due to prevailing winds and fires across the prairie.

The architectural solution was to let these agricultural influences the design of each remote educational room by mutually modifying the information to be gained through the different aspects of the prairie. I investigated how these tools help teach what they have done for the good of man and what they have done to harm our rich land, and, in the end, understand what can be done to reverse this damage.
INNER FLORA

Inner Flora is nationally recognized for innovative design of interior foliage.

672 34th Street
Des Moines, Iowa
515 274 5907
Interior Foliage

INNER FLORA
From a 30-foot canopy to ground-cover, Inner Flora's team of professionals can install one to a thousand plants.

672 34th Street
Des Moines, Iowa
515 274 5907

Interior Foliage

Pulley & Associates
1105 Grand Avenue, Suite 100, West Des Moines, Iowa 50265
Phone: (515) 225-9531 Fax: (515) 225-9570
Pulley@pulleyengineers.com

Allender Butzke Engineers Inc.
Geotechnical • Environmental • Construction Q.C.

UBC Special Inspections:
compacted fill footing subgrade deep foundations reinforcing concrete bolting welding masonry fire proofing

New Location:
3660 109th Street • Urbandale, Iowa 50322
(515) 252-1885 • Fax (515) 252-1888

Interior Foliage

INNER FLORA
The integrity of the design continues with the experienced care of our maintenance team ensuring the long-term success of your project and the satisfaction of your client.

Contact Inner Flora to discuss your current commercial or residential projects.
Old Growth, Ltd., Introduces Old Growth Staining Solutions

Old Growth is a remarkable new product that creates authentic aged patinas on wood in less than an hour. It is considered by Woodworker’s Supply as “a product that is destined to revolutionize the wood-finishing industry.” Old Growth is ideal for interior and exterior restoration, antique finishing, contemporary furniture and any woodworking application where authentic patinas are desired. Old Growth is a water-based, odorless, environmentally sound product that cleans up with soap and water. For more information, contact Lisa Lightman or Stephen Auger, Old Growth, Ltd., by phone at 505/983-6877.

Xerox Unveils Intranet Docs Software

Xerox Engineering Systems has introduced Intranet Docs, an uncomplicated affordable way to provide universal access and distribution for engineering and enterprise documents via corporate intranets or the Internet. Intranet Docs allows users, regardless of their location or computer system, to view engineering and large-format documents right from their standard Web browsers in just a few seconds. Document views are automatically converted from a variety of file formats, including TIFF, CALS, PostScript and PDF. Additionally, users can e-mail document URL references instead of file attachments, thereby relaying the information more quickly, conserving network bandwidths and eliminating concern about incompatible software programs or operating systems. For more information, contact Kris Assel, Worldwide Marketing Communications Manager, Xerox Engineering Systems, East Rochester, N.Y., by phone at 716/263-6888 or by e-mail at Kristine_Assel@xn.xerox.com.

KraftMaid Releases New Decorative Hardware Styles

KraftMaid Cabinetry, Inc., has introduced 19 new decorative hardware styles, expanding its selection to 56 choices. New styles include ceramic and wood knobs in various color tones, a translucent mint green knob, a pewter cup bin pull and nature-inspired leaf, rope and basketweave designs; all in finishes that range from a smooth luster of pewter to glaze and crackle finishes. All decorative pull knob fashions are available to compliment any KraftMaid Traditional, Euro 6 or KraftLine cabinetry purchase. For more information, contact Kim Craig, KraftMaid Advertising, by phone at 216/696-1343.

DATACAD LLC Announces DataCAD® 8 for Windows® 95/NT

DATACAD LLC has announced DataCAD 8 for Windows 95/NT, the first 32-bit release of its popular computer-aided design and drafting (CADD) software for architectural, engineering and construction (AEC) applications. DataCAD 8 supports bi-directional DXF/DWG file translators and features improved online documentation. DataCAD 8 is scheduled for release in March 1998. For more information, contact Mark F. Madura, DATACAD LLC, by phone at 860/677-4004 or by e-mail at mark@datacad.com.
National Convention To Be Held In San Francisco

The American Institute of Architects will host the 1998 National Convention in San Francisco, Calif., May 14 through May 17. As many as 12,000 architects and industry professionals are expected to attend this year's event, to be held at the Moscone Center. The theme of this year's convention is "Bridges," and many of the general sessions and programs will look at how architects will play an increased role in shaping education, communities, the global economy and a sustainable future.

AIA members can choose from more than 125 seminars at the convention, as well as 26 full or half-day workshops on the day prior to the convention. All of the year's continuing education credits can be obtained over the five-day event. The registration for the convention is free.

A highlight to every AIA National Convention is the schedule of tours and off-site workshops. This year's choices prove to be spectacular, with visits to Alcatraz, to the city's famous Victorian "Painted Ladies," and with an analysis of the plans for the future of the Presidio.

A Book To Have

Consider adding American House Now to your library of interesting architectural volumes. This heavily illustrated book contains some of the most extraordinary examples of American houses completed within the last 10 years. The 24 homes highlighted share a common point of origin: all draw upon the established principles of American Modernism. Yet they differ markedly from one another, demonstrating the diversity within that idiom. Architects represented include Richard Meier, Machado and Silvetti, Mark Mack and Stephen Holl.

American House Now contains excellent exterior and interior photographs, floor plans and site plans for each house, as well as an essay on each project. It is published by Universe Publishing, and may be ordered through the AIA Iowa bookstore by calling 515/244-7502.

AIA Iowa Spring Meeting

The Iowa chapters of the American Institute of Architects, the American Planning Association and the American Society of Landscape Architects will hold their annual Spring Meeting in Ames, Iowa, Friday, April 3. This year's theme, commotion, continues the focus on community design issues relevant to small and large cities, as well as regional interdependencies. This year will focus on movement in community design and planning, and how we can intensify central nodes of urban and community activity.

Speakers for this year will include David Gosling, Ph.D., Professor of Urban Design at the University of Cincinnati, on Town Centers and Civic Engagement. The use of CAD animation in architectural form-making, and in moving clients through design proposals, will be discussed by Mikesch Muecke, of Iowa State University, and Chris Schmidt, of Ellerbe Beckett.

The Iowa Architectural Foundation will again sponsor community guests from around the state who are interested in attending the Spring Meeting. Mayors, council people or anyone interested in participating may call AIA Iowa at 515/244-7502.

Correction:

Phillip Vlieger is not an architect and The DCM Group, Inc., is not an architectural firm, as mistakenly stated in Iowa Architect, Issue No. 97:223.

GREG LEHMAN, AIA

Issue No. 98:224 Iowa Architect 39
A LIST OF CONTRACTORS AND MANUFACTURERS FOR MAJOR BUILDING ELEMENTS IN FEATURED PROJECTS.

BeBos Grill
Artwork: Avant Studios, Omaha, NE; custom concrete flooring: Avant Studios, Omaha, NE; metal: Nolette Metal Works, Omaha, NE

Boys Club of Sioux City
Glazing: Institute Glass Co.; hardware: Forms & Surfaces; millwork: Custom Woodwork; paint: Sherwin Williams; carpet: Shaw; vinyl flooring: Azrock; lighting: Halo, Metalux; plumbing fixtures: American Standard; ceramic tile: Crossville Ceramics; signage: Metal Logos

Broadmoor Development Company

Congregation Beth Torah Synagogue

DE-CODE/RE-CODE ATLANTA
Paint: Mathews Paint Company; site accessories: Urban Accessories, Inc.

Des Moines Riverfront Amphitheater

The Heierding Building

K J McNitt Construction, Inc.
Precast concrete: K J McNitt Construction; forms: Farrar Millwork; floor covering: Bently Mills; VOC; Kentile Desert Sands, Roppe, L.M. Scofield Stair; lighting fixtures: Metalux, Kenroy "Troll", Nulon, Indalux, Edgelight Sure Lites, Begnelli, Lamp; Engineered Light Products; paint: Sherwin Williams; Mike Colorio Painting; storefront glass and glazing: windows/glass: Associated Glass; doors/hardware: Wood Specialties; Construction Building Specialties; Paint Grade Birch; joist/beam: Welbee Steel; access: Bobrick; kitchen/bathroom fixtures: American Standard

M.C. Ginsberg: Object(s) of Art
Lighting: CS L and Hubbell; wall panels: Eternit Ef and Polygal

Wallace Hall Renovation and Addition
Windows: Marvin Wood Windows; stone: Quint Corn Stone

Zuendel Residence Addition

Iowa Architect Issue No. 98:224