Colorado

ARCHITECT

PUBLICATION OF AIA COLORADO

AIA COLORADO AIA COLORADO NORTH AIA COLORADO SOUTH AIA COLORADO WEST AIA DENVER AUGUST 1997

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FORT LEWIS COLLEGE BUILDS

ort Lewis College (FLC) is situated on a mesa overlooking the City of Durango, and the La Plata Mountain Range. A majority of the original campus buildings were built between 1965 and 1975 on the southwest side of the mesa, and as with many educational facilities built in this era, the buildings are low, modest, and somewhat military looking. The campus was essentially modeled, as most colleges are, on the historical 'agricultural town,' with the various functions grouped together and distributed around common, usually green, open spaces. In this case the campus consisted of one and two story buildings arranged around two large grass areas with the original commons building in between. As the campus grew it expanded to the east with a group of buildings around another large open area. Today the campus is still organized around these large open spaces with parking on the perimeter along the aptly named Rim Drive.

A master plan for facilities, developed in the late 80's focused on the usual turn allowing the current programs to reach their full potential. Once architects were selected, this approach assured that programming and design were done with the

user groups and from a strong base of knowledge and experience. Anderson Mason Dale, of Denver, was awarded the Fine Arts Building and a science classroom expansion project, while the firm of Klipp Colussy Jenks DuBois Architects, also of Denver, was awarded the new Concert Hall and the future Center of Southwest Studies.

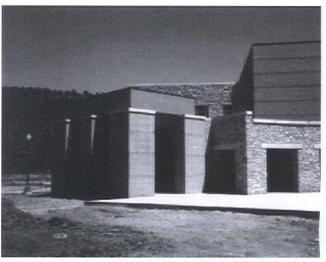
The new buildings are situated to the north-

east of the original campus and connected by a wide concrete walkway to the adjacent existing fine arts buildings. The new Fine Arts Building is nearing completion and will be fully occupied by fall. Its daylighted student



and faculty studios are generally two story spaces with lofts. The U-shaped plan, open to the walkway and a recurring type on campus, encloses a courtyard which will allow for outdoor display of work. The exterior materials and detailing of the building are modest, but the repeti-Critique by Suzannah Reid, AIA

and this courtyard, with an entrance from the parking beyond, will serve as an area of overlap between the public and the campus uses.



New Concept Hall by Denver firm Klipp Colussy Jenks DuBois Architects.

Though the building now stands alone with one fragment of the circular arcade in place, one can get the sense of how the sequence will be completed in the future. This building also has a modest exterior expression. Its interior space being primarily a large rectangular volume, leaves little programmatic articulation for the exterior. However, when the arcade is complete, the primary focus of the building will be through the arcade and into the center courtyard. The majority of the Concert Hall volume will be subservient to the mix of functions and activities taking place behind the arcade.

The Fine Arts Building by Anderson Mason Dale of Denver with R. M. Bell & Associates, Durango.

considerations of infrastructure, signage, ADA, and landscaping. It also defined the use of materials and massing for new construction. When, through a couple of legislative initiatives, money became available to the State College system for capital improvements, FLC found itself in a strong position to apply for funding for a major building campaign.

FLC identified the critical areas in need of improved facilities and focused the planning process on providing adequate facilities for the faculty and in tion of the light monitors along the two legs, reminiscent of the ranching buildings of the area, give the building a strong character and presence in the campus skyline.

The new Concert Hall, which recently opened, is the first in a series of three buildings, including a new Southwest Studies Building and a Theater Building. The three will be linked by a circular arcade which will terminate the long curved walkway from the campus proper. These three buildings will also be used by the community

As successful as the individual buildings may be, they are at the periphery of the campus, and it is yet unclear how the new construction within the campus will transform the whole. For example, the language of U-shaped buildings opening on to larger green areas, creates the potential for a hierarchy of exterior spaces. Though repeated and, in fact, terminated at the new buildings, this pattern is not used to its full potential. Existing plantings, pathways, and entries do not currently reinforce the hierarchy and therefore leave the feeling of a somewhat incoherent whole. A potentially positive outcome

See FORT LEWIS on page 15

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> Colorado ARCHITECT EDITORIAL CALENDAR September through

PRESIDENT'S MESSAGE

ust as an ecosystem's species diversity is a sign of good health, professional diversity is crucial to the long-term viability of architecture. Opportunities outside general architectural practice are common as industry, government, education, and the public have come to value architects for their problem-solving and team management skills. In fact, these institutions are actively seeking and recruiting from our ranks.

The AIA has expanded its vision to acknowledge and promote that all architects, no matter their practice, are integral and essential components of a diverse profession.

Consider the tired argument that competitive pressure is increasing because we are graduating too many architects

YOUR AIA STAFF ...

IA Colorado is pleased to

Andrea Nicholl as the newest addition to staff. Having joined us in February of this year as our

Assistant, Andrea handles the contract documents sales, job board, resume book, referral database and general public relations on a daily basis. Through the month, she helps develop the monthly newsletter, graphic design projects and other AIA programs and events. She pulled July's Colorado Architect together, she coordinated the 1997 Educational Fund Scholarship Awards Program and helped with the FAIA lecture series by AIA Denver. As general organizer of the Design Conference Committee, Andrea will focus on the AIA Colorado Design Expo '97.

Andrea's passion for architecture came from growing up in San Francisco's surroundings. She received her Bachelor of Environmental Design in Architecture degree at the University of Colorado at Boulder. Her architecture background is extremely handy and appreciated by everyone in the office. Andrea is one of our new associate members this month, and she intends to further her career in architecture by receiving a masters degree in architecture in the near future. According to AIA Colorado Executive Vice President Joe Jackson, "Andrea's creativity, energy and enthusiasm are a welcome addition to the office. Her educational background, her personality and demeanor, and her sense of humor help balance our team." As for now, she is absorbing as much information about architects as she can and, of course, networking!

from our schools. I believe the opposite is true. We need to increase the number of graduates tenfold, as we build the conduits they can use to find their niche as generalists or as specialists in new venues. If you don't agree, ask

"Common among those prospering, is a willingness to change with the times confident in their expertise as providers of process, not product."

> yourself how lawyers have become the decision makers influencing our entire society from politics to commerce. They understand that by placing like minds in strategic places, their mission can be readily accomplished. Shouldn't architects be making policy? After all, who understands the built environment more comprehensively? Only when respected architects become the decision makers, will architectural service providers be working with and appealing to an informed clientele-one that understands the value of our services and is willing to pay for that value.

> What I observe at our conferences, and hear when talking with architects in Colorado and around the country, is that opportunity abounds. It's evident by our use of burgeoning technology, new markets arising in response to

client needs, and our increasing awareness and sophisti-

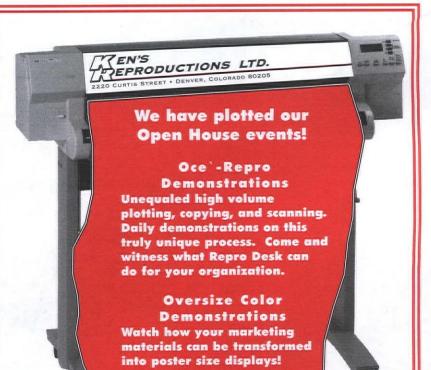
cation in the

-Steven Walsh, AIA

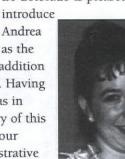
ways we contract for our services. These concepts are keeping architects in busi-

ness; given our robust economy, some are flourishing. Common among those prospering, is a willingness to change with the times-confident in their expertise as providers of process, not product. They embrace new knowledge with an eagerness to place themselves in new settings.

Career diversity should be a concern for each of us. Even if you have a steady job or a reliable flow of projects, your future depends on it. The AIA's mandatory continuing education provides excellent opportunities to embark on a diverse career. It's a chance to look at a practice area you never considered, but found interesting. It is a chance to discover new tools. Your career diversity is yet another way to rediscover the spirit of being an architect.







December 1997

September October November December

The Business of Architecture Women in Architecture **Client Responses** Living Treasures

Letters, articles and comments are always welcome. The deadline is the first day of the month preceding the month of publication (June 1 for July newsletter). Submit your information by mail, fax or e-mail: AIA Colorado, 1526 15th Street, Denver, CO 80202, 303.446.0066 (fax), aiadenco@aol.com (e-mail). Web site: www.aiacolorado.org

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SUSTAINABILITY IS KEY FOR NATIONAL PARK SERVICE ARCHITECT

isa Haddox, AIA and about 500 fellow architects are part of a quest that began August 25, 1916. On this date, the nation became officially committed to the preservation of our cultural, historical, and natural resources for the enjoyment of future generations. The "Organic Act," signed by President Woodrow Wilson, created the National Park Service (NPS).

As an NPS architect, Lisa Haddox is involved with the planning, design, construction, and preservation of our nation's most treasured places. "It is very rewarding to work on projects that the public can enjoy. At the National Park Service, I can help

enhance people's experience and memories of visiting a park, seashore or monument," said Haddox.

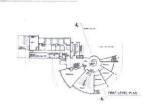
Like other NPS



architects, she is generally working on several projects simultaneously that are at different phases of com-

pletion, and are located throughout the country. Haddox said she travels every six weeks or so for project meetings and construction site inspections. One of her previous projects is the Environmental Education Center at Gateway National Recreation Area in New York City. OZ Architecture was a consultant on the education center and has worked with NPS on several other projects.





Gateway National Recreation Area, Environmental Education Center schematic designs, Haddox created with OZ Architecture.

Gateway NRA and Golden Gate State Park in San Francisco were the first urban recreation areas in the country. Gateway NRA encompasses more than 26,000 acres, including wildlife sanctuaries, recreational and athletic facilities, miles of sandy beaches, old military installations, airfields, a lighthouse, historic structures, and adjacent waters around New York Harbor.

"There are regional differences in Park Service architecture," said Haddox. "In the east there's more use of brick and cut stone, and in the west, there's 'Park-itecture' and more subtle structures built with rough stone and logs."

Sustainability, according to Haddox, is a foremost design concern for the NPS.

"We try to minimize impact on a site and fit a structure into the surroundings and specify 'green' materials, such as recycled and natural materials. We also try to use a lot of local materials and craftsmanship."

At Grand Canyon National Park, Haddox is working on the schematic design for an orientation center. "The goal is to keep the architecture from competing with the surroundings. I am working closely with landscape architects and exhibit designers. With the Park Service, I have the opportunity to get together early with others working on a project, since we share the same employer, which isn't always the case with private firms."

Before she joined the NPS in 1991, Haddox worked primarily on commercial projects at both DMJM and CCSB (now merged with C.W. Fentress, J.H. Bradburn & Associates). She spent two years with Kephart Associates, a firm specializing in multi-family and single family houses. When the housing market declined, Haddox joined Davis Partnership, a large architectural firm focusing on health care and institutional work. Haddox managed projects for Rose Medical Center, and the National Jewish Center for Immunology and Respiratory Therapy.

Haddox is currently on AIA Denver's

Structural

Engineers Serving All

Of Colorado

Board of Directors and heads the Public Architect's Roundtable. Her involvement with the AIA has included serving on the Denver



Lisa Haddox, AIA

Chapter Board of Directors in 1988-90; Chairman, Local Government Affairs Committee 1988-89 and Associates Network Committee 1983-84. Chapter Master, Tau Sigma Delta Honor Fraternity, Tulane University, 1980-81.

LETTERS POLICY

The Colorado Architect welcomes all letters. Letters must be signed with name, street address and daytime phone number. The opinions expressed do not necessarily represent the opinions of the AIA Colorado Board of Directors or its membership.

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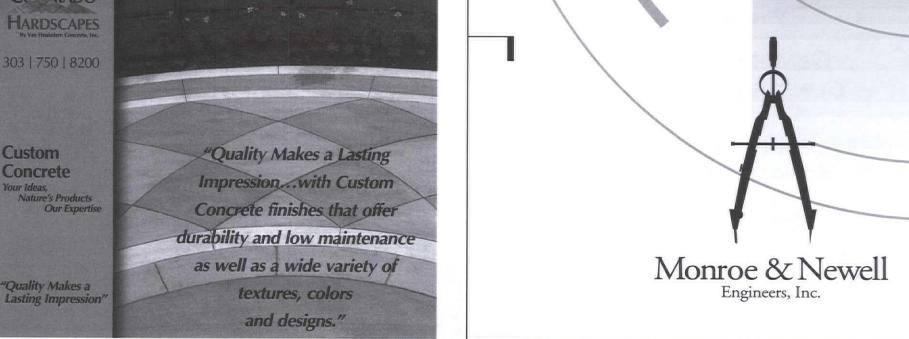
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Producers' Council Stick Program

The 1997 Stick Program, sponsored by the Producers' Council, is available for architectural firms to sign up for a free lunch while learning about technical product information and design assistance. Call Charlie Davis at 303. 733.2476 to get an application.

Breakfast Roundtable Discussion Series: Redefining the Profession

"Defining Your Ambitions" August 21 7:30-8:30 AM Last of a five-part series sponsored by the Denver Design Build Committee. Free. Two Learning Units. Register in advance. Call AIA office at 303. 446.2266.

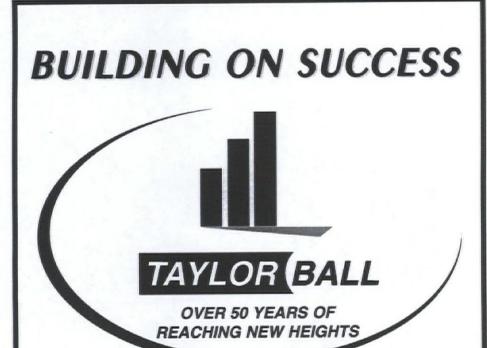
Design Communications Committee meetings

"Drawing Shortcuts slide show" brown bag workshop August 21 noon at the AIA offices

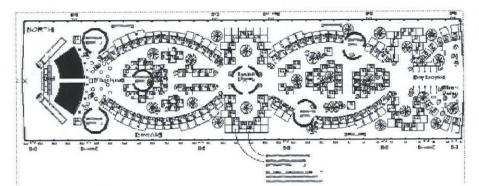
"Basics of Desktop Publishing" brown bag workshop September 18 noon at the AIA offices "Making Great Presentations Using Powerpoint" brown bag workshop October 16 noon at the AIA offices

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EXPO '97 DESIGN CONFERENCE



Floor plan courtesy of CAD Designs

Tentative Schedule of Events

Friday, October 17

Welcome

Context ...

• Growth & The Colorado Front Range by National Geographic

Paideia

• Question: Is Compassion compatible with the concepts of the Western Frontier?

Lunch/Exhibits Reconnection

- Summaries from Paideia breakouts
 Scandinavian Compassion
- Jens Arnfred
- Towards an Ethic of Compassion • Matthew Fox

Roundtable Wrap-up AIA Colorado Design Awards Presentation

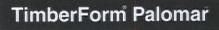
Saturday, October 18

Welcome

- Presentation
- Michael Rotundi

Design Charette (open to the public) Compassionate Technology

- Photovoltaics & Architecture
- —John Thorton The Presidio
- -Bob Lopenski
- Compassion & Engineering —Ove Arup & Partners





- The Development of Stapleton —Stapleton Development Corporation
- Major Roundtable Paideia

• Speakers, facilitators, moderators AIA Colorado Annual Awards Gala and USO Party

Sunday, October 19

Welcome AIA Colorado Annual Business Meeting

INVITED SPEAKERS

Michael Long & Jim Richardson, Journalists, National Geographic Magazine Jens Arnfred, Architect, Vandkunsten, Denmark Matthew Fox, Priest, California Michael Rotundi, Architect, Los Angeles Honorable Chuck Berry, Speaker of the House, State of Colorado John Thorton, NREL Energy Bob Lopenski, National Park Service, The Presidio Ove Arup & Partners, Engineering Services Stapleton Development Corporation Honorable Wellington Webb, Mayor, City of Denver

See CONFERENCE on page 15

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4 Colorado Architect

AIA Colorado South



Lines 22 Columns

August 1997

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CSNA Architects Work with Marcel Breuer

"For it becometh the master to speak and to teach;

but it befits the disciple to be silent and to listen."

- Rule of St. Benedict, Ch. 6 Of Silence

ritten during the early 6th Century, the Rule of St. Benedict is a humbling maxim for architects who restore the work of masters. CSNA Architects hearkens Marcel Breuer, a Bauhaus architect, as the firm restores, and creates an addition to, the Science Center at St. John's University.

St. John's University, 90 miles northwest of Minneapolis, selected Colorado Springs-based CSNA Architects from a roster of 15 firms provided by the National Science Foundation.



Breuer's Abbey Church

The Science Center is part of the largest collection of Breuer buildings in the world. The structure was originally completed in 1966. It is enclosed by the original abbey church to the west; Alcuin Library (known for its elegant tree-shaped columns) to the north; and to the south, Breuer's Abbey Church, recognized as the only religious structure designed by a Bauhaus figure. gratitude for Kasmarcik's advice during Abbey Church's design, Breuer provided him with a design for his residence, as a gift.

CSNA's design approach was "to listen, and remain silent, to discover what the architecture reveals." Hundreds of photographs were taken of Breuer buildings on campus. Working drawings were studied, for both built and unbuilt Breuer projects at St. John's. The Breuer Archive at the Syracuse University Library in New York was consulted, which included study of the working drawings for Breuer's Whitney Museum in New York.

According to CSNA, preconceptions of how buildings are assembled and detailed were eliminated—what matters is how Breuer executed a building. Poured concrete was used with site-cast pieces from site-built formwork. This technique, according to CSNA, demonstrates the classic design move of grouping all similar uses in a box, and pulling out what doesn't belong.

The box was articulated in site-cast concrete with flue-tile screens. What didn't belong—an auditorium—was pulled out and sheathed in granite. In the design of the addition, CSNA used precast concrete wall panels in similar sizes and proportions to the Science

A VIEW FROM THE TOP:

Center. The panels were then articulated with reveals identical to those which reappear throughout Breuer's documents and buildings.



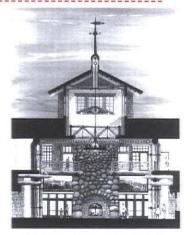
St. John's University, Science Center

Breuer was a master of the reveal and CSNA adhered the two-story entry cube, sheathed in granite. The truncated copper dome relates to the copper roof of the St. John's University student center, executed by CSNA's local associate, Rafferty Rafferty Tollefson of St. Paul, Minnesota. Immediate context-Breuer. Campus context-copper sky terminus. Materials of extreme durability—poured concrete, precast concrete, granite, copper—are appropriate for extreme Minnesota weather, and for the timeless milieu of a monastic order that has thrived since the 6th century.

St. John's Science Center; 42,000 GSF, \$5.6 million CSNA Architects, in association with Rafferty Rafferty Tollefson; Bid Date: June 12, 1997; Completion Date: August 7, 1998.

Working closely with the Abbey Design Committee, CSNA gained extraordinary insights from Brother Frank Kasmarcik, a renowned liturgical furnishings designer and graphic artist. Kasmarick was part of the selection committee when St. John's sought its master plan in the early 1960's. Prospective candidates included Richard Neutra, and Walter Gropius, who recommended Marcel Breuer to the committee "because he is younger and would be with you longer." In

THE NEW PIKE'S PEAK SUMMIT



The Summit House by Clifford Taylor, Architects featuring the "American Rustic" look July 4th marked the kick-off of the campaign for America's Mountain - Pikes Peak. More than 600,000 visitors reach the top of the Peak yearly. Visitors are greeted there by the current Summit House, held in place by 40 industrial jacks.

A multiyear, \$40 million fundraising effort is underway to not only build a new summit house, but also make necessary erosion, drainage and road

See VIEW on page 6

VIEW from page 5

improvements to the Pikes Peak Highway. Funds will also support interpretive and educational opportunities for visitors.

Clifford Taylor, Architects, AIA, was chosen by the City of Colorado Springs to lead the design team. After careful study of thousands of slides, and site visits to several of the national parks and lodges, the City chose to follow the "American Rustic" or "National Parks" style. This style, according to City officials, most appropriately reflects the history and grandeur of the entire Pikes Peak Corridor.

Stephen Mather, first director of the National Parks Service, together with Gilbert Stanley Underwood, et al., were the orignators of this rustic style. The Forest Service also adopted this "traditional design vocabulary."

The new Summit House site offers a myriad of design and engineering challenges. A passive cooling structural design (suggested by studies at the University of Minnesota) is planned to stabilize and protect the fragile permafrost environment at the summit. The project is also being designed to maximize prefabrication opportunities and minimize work at the top, where altitude and oxygen become factors in worker safety and productivity. Weather permitting, the City hopes to have the new Summit House open for the 2000 season.

Sole Proprietor Not Really Going Solo

any architects dream of having their own firm; for J. Mark Nelson, being a sole proprietor does not mean being completely on his own. His wife Gloria, manages the small office, from bookkeeping to final checks on plans.

Together, they buck several truisms about architectural practice in Colorado Springs: "You can't survive doing houses," "You need to hire a bunch of people to do the work for you," "Pencils, maylines and electric erasers are obsolete," "You can't work out of your house."



The J. Mark Nelson, Architect office/carriage house.

J. Mark Nelson, Architect has been featured in two architectural magazines. The firm has also garnered design awards such as an Award of Merit "generously given by the chapter for a relocated and recycled carriage house," which also happens to be



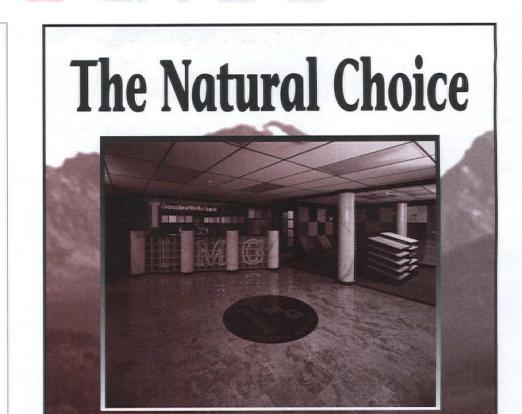
This English-style home won the Colorado Home First Place Award.

Nelson's office. AIA Colorado honored Nelson in 1995 with the Housing Colorado First Place Award for an English-style house in the Old North End of Colorado Springs.

"Fun and interesting projects continue to find us." said Nelson. "Like two education centers for the City of Colorado Springs—historic Rockledge Ranch and Sondermann Environmental Program Center, which is earth-shelted and sustainble-designed." The firm has handled many diverse projects, including Historic Preservation guidelines and a city-adopted Master Plan. "Sometimes we get to create just for the fun of it—like building a park and pavilion for our neighborhood school out of a patch of asphalt, or moving an old log cabin up to a lake in the mountains."

"I guess I'm thankful for the challenges, like being able to test the truisms, and I hope we can continue to give it a go, with the help of our junior staff: Cassie, Nick, and the office dog, Ginger. Now if I could just hire a bunch of people to do the work for me "







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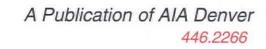


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August 1997

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calcon constructors, inc.

AIA Denver sponsor Calcon Constructors, Inc. recently completed Resource Management Systems as a turn-key freestanding building for a private owner.

Calcon and Klipp Colussy Jenks DuBois Architects have also started construction on another freestanding building for a private owner in Castle Rock, Meadows Crossing.



Calcon prides itself on its ability to build unique structures.

haselden construction, inc.

Haselden Construction boasts a 60 percent repeat-client base. According to the firm, this is because they deliver what they promise. Haselden's executive staff maintains a "handson" management approach. This is



one of the many elements ensuring that each owner receives exceptional service. Established nearly 25 years

ago, the firm specializes in educational, healthcare, casino, hospitality, retail, multi-unit, office, and warehouse projects. Haselden's annual revenue totals \$100 million.

Haselden's dedication to owner satisfaction has enabled it to become Colorado's 5th largest and the nation's 304th largest general contractor. In addition, Haselden managed and built Colorado's third largest 1996 construction project by an in-state firm - Roaring Fork School District's \$37 million Capital

Improvement Program.

A REFLECTION OF GOOD TASTE Tri-State Corporate Headquarters Rocky Mountain Prestress' early interaction with design team helped maximize the economies of precast. 160,000 sq. ft.

total precast structure

monroe & newell engineers, inc.

Monroe & Newell Engineers, Inc., a full service structural engineering consulting firm, has offices in Avon and Denver, Colorado. The firm was founded in 1991 by Mr. William Newell, P. E. and Mr. Peter Monroe. P. E. with the consolidation of Design

Structures, Inc. and Monroe Engineering Consultants, Inc. In six years, Monroe & Newell Engineers, Inc. has become one of Colorado's largest structural engineering firms.

The firm provides structural engineering services on projects ranging from single family residences to mixed-use mega-projects. Project types include mountain resort lodges, office buildings, golf course clubhouses, office warehouses, historical renovations



and bridges.

Structural systems designed include wood, steel joists and beams, composite steel, reinforced and post-tensioned cast-in-place concrete, precast concrete, and masonry. Projects are located throughout Colorado, the United States and foreign countries.

and adaptive reuse, casinos, parking

structures, recreation centers, apart-

ments, ski area facilities including

gondola terminals, and mountain

top restaurants, affordable housing

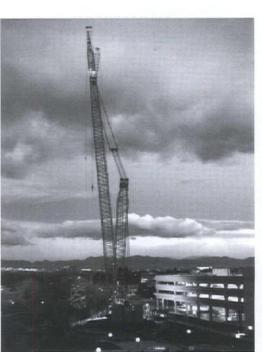
gerald h. phipps, inc.

Last September, Gerald H. Phipps, Inc. was awarded the contract for the expansion of the Cherry Creek Mall. Plans include increasing lease space, adding parking to the west deck, and building a larger Lord & Taylor store.

In October 1996, a Manitowoc 4600 Series IV Ringer Crane was reserved for the project. This crane was

deemed the most effective method for the erection of the sixth level located at the west parking structure. The crane, one of the largest ever erected in Colorado (according to the supplier, Lampson wire for hoisting, with 2,000 feet of electrical wire just to keep the beacons running. All lifting work is being done at night to minimize the impact on mall customers.

Parts were assembled literally from coast to coast to erect this crane from Washington state to Derry, New Hampshire, Houston, Texas, and



Charleston, North Carolina. One rail car and 80 semi-truck loads of materials were collected to erect this 530-foot long form and 1 million pounds of counter weight. A 175 ton track and a 155 ton conventional crane, both substantial



Architect: Michael Barber Architecture



Rocky Mountain Prestress, Inc.

5801 Pecos Denver, Colorado 80221 303/480-1111 FAX 303/433-045

utilizes International) is architectural load bearing spandrels with two finishes.

situated on the south side of the mall, adjacent to the creek. It reportedly weighs as much as 150

elephants and is

being used to hoist the 21 ton precast concrete beams up five stories above ground and into place on top of the parking garage. The main boom extends 360 feet with a 120 foot jib and a 40 jib extension. It utilizes over one million pounds of counter-weight and required more than 9,500 feet of

cranes on their own, were utilized for two weeks to complete assembly of the ringer crane.

The entire project will require many phases to complete. The parking deck and new Lord & Taylor store are scheduled for completion by November 1997.

norwest bank, N.A.

AIA Denver sponsor. Norwest possesses a community banking philosophy. "We are committed to the long-term success of every community in which we do business. We provide direct financial contributions, volunteer hours, in-kind services and event sponsorships with

the goal of improving the communities where we live and work.

Colorado customers benefit from the overall strength of Norwest, which is

the 11th largest financial services company in the nation. The combination of local community involvement and local decision-making, and the resources of a \$83.6 billion company allows Norwest to provide the best banking services to their customers. "Our bankers offer creative solutions and customized pro-

grams to help you achieve your goals, and are dedicated to delivering our wide range of products conveniently and personally."

swinerton & walberg, co.

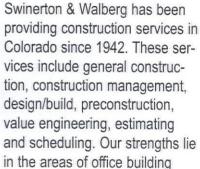
AIA Denver sponsor, Swinerton & Walberg performs best when their experienced construction personnel

have early involvement in a project.

The firm believes in forming a team with the architect, consultants and owner to deliver the best possible projectwithin the owner's

budget and schedule. Our proactive participation in estimating, scheduling and other preconstruction services

makes the entire construction process easier and more beneficial for everyone involved.



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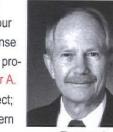
MEMBER NEWS

projects.

named Vice

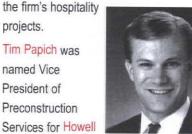
President of

Pahl-Pahl-Pahl recently hired four people in response to their growing project base: Roger A. Maxwell, architect; Nadine Low, intern



Roger A. architect: Katia Thomas, intern architect; and Mark

Services for Howell Construction, Papich



Mark Brazee joined Howell Construction in 1986. He will direct the estimating and cost control functions, and will continue to serve as safety coordinator and network administrator.

vinyl laminators, inc.

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Brazee, intern architect. Maxwell has more than 14 years

Nadine Low

experience and will assist with project

management and construction documentation for the Armory. Low will provide Construction Documentation for the Greeley



Air National Guard's Vehicle Maintenance Facility. Thomas is assisting with Construction Documentation for the Denver Amory.

Katia Thomas Brazee will assist with

Ronald Roybal, AIA and Michael Roybal, AIA of the Roybal Corporation were honored by the Denver Metro Chamber of Commerce. The firm, founded in 1981, was selected as the 1997 Minority-Owned Business of the Year.

The Society of Design Administration announced that Karen Roman of Intergroup, Inc; Sue Zen of S.A. Miro, Inc.; and Debra Massop of Barker Rinker Seacat & Partners Architects achieved the Certified Design Administrator designation.

heavy emphasis on ceramic lines from the finest manufacturers in Italy: Tagina, Rex, Kronos, Imolagres, Imola, Sichenia, City, Cedir, and more.

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Chapter News •••••

1997-1998 Board Nominations

In September, the membership of AIA Denver will vote on nominations for chapter officers for 1997-1998.

We believe it is important to get a good cross section of our membership to achieve representation of the many facets of our profession -- and towards that end, we are encouraging any AIA member to express your interest in one of the following positions: *President-elect, Vice President, Secretary, Treasurer-elect, or Director.* Please call daphne r. scott-monroe, Assoc. AIA at 303.446.2266 if you have any questions about the positions and to express your interest. Nominations are due by August 8, 1997.

- Step up to the plate!
- Be counted!
- Express your opinions!

Our membership is growing and we all need

to get better acquainted. I am committed to a year that concentrates on our membership by: 1) encouraging architectural dia-



logues, 2) public exposure to issues of planning and architectural importance to Denver and Colorado, and 3) educational and social activities.

Let's have fun!

Mike Jacoby, AIA 1997 President-elect, AIA Denver

DENVER PRESIDENT'S MESSAGE

I am writing this letter having just returned from a trip to Europe and a brief stay in Washington where I participated in the Universal Accessibility Conference jointly sponsored by AIA and the Access Board. I used public transit facilities in Barcelona, Paris and Washington, and stayed in the kind of urban neighborhoods that James Howard Kunstler writes about in The Geography of Nowhere. In reading Kunstler's book, I noted that architects who promote the "new urbanism" seek to reproduce these urban neighborhoods in America as an antidote to our current exaggerated dependence on the automobile.

Upon returning to Denver, I found editorial debates in our newspapers about the value of the RTD "Guide the Ride" initiative scheduled for a vote in November — a discussion that is just beginning to heat up! If "Guide the Ride" is funded by the voters in November, RTD plans to build a commuter rail line from Golden, through downtown Denver, to DIA along with light rail lines to serve the west, southwest and southeast corridors. Our legislature has led the way by authorizing this referendum. Now in planning and building for the future we can choose to commit to light and commuter rail solutions or to increased highway investment. Highways will exacerbate our problems of air pollution, traffic congestion and suburban sprawl. As a profession, we should take a stand on this issue.

Last fall when I proposed a Chapter initiative to the AIA Denver Board, I sought a vehicle through which AIA Denver members could make a contribution to civic design—public transportation was the farthest thing from my mind. An opportunity for

On The Boards

bo•Copeland Architecture, Inc. of Denver and Boulder is proud to have been selected as the architectural design team member for the Curtis Park HOPE VI community revitalization project. The team includes representatives of the Curtis Park community, the Denver Housing Authority, the Denver City Planning Department, the Integral Group. L.L.C. (developers of the first successful HOPE VI project in Atlanta), Urban-Collage, THK Associates, Inc., among others. When the project is funded by HUD, this team and others will continue working to bring significant urban design improvements and housing opportunities to this important in-town neighborhood. such civic involvement has now presented itself. AIA Denver has been approached by TransitWest —a group of citizens advocating for light rail along the west corridor. They have invited us to contribute to the dialog about public transit, and to influence the design of RTD stations —facilities that will affect the fabric of neighborhoods along the west corridor, the old Associated Railroad line between downtown Denver and the Cold Spring Park-n-Ride facility.

AIA Denver has committed to doing this by co-sponsoring, with

TransitWest, a two-day Denver Design Assistance Team (DDAT) just before the election. RTD has agreed to join in the effort and Lakewood planning and transportation officials are on board. The purpose of this community-based event is to engage with the public in developing design standards for public transit stations. These standards should influence station design throughout the proposed system. If you're interested in participating in the DDAT, please call me at 321.1726.

– Peter Orleans, AIA 1997 President



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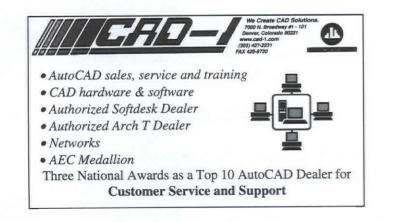
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PAGE

Newsletter of the AIA Colorado North Chapter

August 1997

-Mark Quéripel, AIA

1997 AIA COLORADO NORTH CHAPTER BOARD OF DIRECTORS

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New Members

Which Hat do You Wear?

uring my formative years, I experienced and enjoyed many different jobs. I was an auto mechanic, art dealer, house painter, framer, display designer, grounds keeper, scout leader and caddy-all while dreaming of becoming an architect. Through grade school, high school and college, I wanted to be an architect.

My parents, both interior designers, had several architect friends and our family life orbited around design. Despite this, my ideas about architecture were pretty simplistic. Architects design beautiful buildings. Not until several years after graduate school did I understand the diversity of careers open to architects.

When my partnership split in 1984, I was somewhat disillusioned and dissatisfied with architecture. I wanted more. I wanted more control and better projects. A friend at Opus, who was a successful developer, offered some advice. He said unless one could understand the business of another, no control could be exerted. Given his own success, I asked him specifically how he thought I could improve myself.

My friend referred me to Coldwell Banker Commercial Real Estate. They would train me to "sell." Sell? I wanted to understand development and how

corporations decided upon the firms they hired. Was this what I wanted?



Mark Quéripel, AIA

In 1985, I landed a job at Coldwell Banker. They sent me to their training school. They sent me to IBM sales training courses and financial analysis classes. I pored over market data, demographics, corporate profiles, etc. We rookies made 50 cold calls a day and recorded each one. We toured facilities and learned facility analysis. We learned how to write sales contracts, lease agreements and options.

At the time, I believed my architect friends thought I had sold out. This was not the case at all. In fact, I soon became a resource for several architectural firms. Basically, I had access to information. I had broadened my value. The light bulb went on. Now

I understood information was only half the formula, the other half

was communication.

The next few years I observed interactions between corporations and their architects. Successful architects understood their clients' business and business needs, and were able to effectively communicate that understanding. I also became aware of how many architects had followed diverse career paths. Some were in-house architects, others were facility directors. Many of the architects we worked with were space planners, while others were interior designers, system furniture representatives and structural engineers.

As a co-owner of a design and build firm, I recognize the education and training we received as architects is incredible. My perspective of architecture has broadened as has my passion for design. Analytical problem solving and future vision are invaluable in all businesses. Architects become teachers, CEOs, attorneys, developers, land planners, facility planners, furniture designers, set designers, rock stars and ranchers. Architects have the capacity to pursue any career path they choose if they are willing to assimilate new information and communicate well their value. Architecture as a profession is not shrinking; it is coming of age.

-Stephen Loos, AIA

absorb moisture with attendant freeze/thaw spalling and cracking. In short, the building needs \$17 million worth of work just to bring it to a point where regular future maintenance can have an impact.

Membership NCAR Tour



ome 17 North Chapter members and guests took advantage of an opportunity to tour the National

The tour was especially timely because NCAR is in the midst of an effort to secure Federal funding to take care of years of "deferred maintenance," which has really taken its toll on the building. Completed in 1966 for \$5.5 million, the 193,000 square foot (\$28.50/s.f.) building has been internally modified countless times with a continuing need to update its facilities to meet new technologies and mission demands.

Center for Atmospheric Research building on the evening of June 17th and earned a few continuing education credits as well. The tour, conducted by Acting Staff Architect, Michael George took us "off the beaten tour path" to many areas not frequently visited by the public-the laboratories, the office areas, and the "back of the house" service and mechanical areas. It was an excellent tour and the North Chapter extends a warm thank you to Michael George for arranging and leading it. We all came away with a more thorough understanding of the building, its history, and its idiosyncrasies.

In many respects, the I.M. Pei design has not proven to be especially "user friendly"-low floor-to-floor heights, inadequate office and lab spaces, little room or flexibility in routing services and wiring, inadequate HVAC, etc. Externally, the bush-hammered concrete and limestone aggregate readily

There should be no doubt that the building deserves every penny it can pry loose from the Feds. Much has been made of the distinctive design with its Mesa Verde cliff dwelling influences. Whether you agree with Pei's assertion that the building seeks to join with the natural setting rather than competing with it or with those who see it as an inevitable manmade affront to the beauty of the Flatirons,

See NCAR on page 12

FURNITURE BY AN ARCHITECT

ore than 30 years ago, I received my degree from Pratt Institute. Three years ago, I moved to Colorado and, with my partner Fritz vonValtier, started R. G. Valtier, Inc., a high-end custom wood shop employing four people. We bid work for architects and are now installing two custom kitchens—one in Boulder for Cooney & Morie Associates AIA, another in Breckenridge for a custom builder.

How, you may ask, does an architect evolve into a cabinetmaker? While attending Pratt, I worked at an upscale cabinet company, producing shop drawings. Through that job, I met the manager of the Knoll Planning unit and was soon working for Florence Knoll. One of my more interesting projects was the design of a folding table for Mrs. Knoll's personal airplane.

In the 1960's, I became a senior designer for Skidmore Ownings and Merrill in New York. We developed an open, three-sided cubicle, incorporating a desk, files, shelving and storage. The unit consisted of modular, flexible components and was one of the first "open office" projects. Beekman Downtown Hospital, Oswego State University and numerous office buildings kept me busy.

In 1970, I began my first practice and eventually formed Adler Goodman Kalish, Architects/Engineers, a small firm with a government and corporate practice. By the mid-1980's I had built several homes for my family. I usually designed and built all of the furniture and built-ins. —Ron Goodman, AIA Emeritus

The AIA Colorado Gallery space recently featured a large redwood bench we produced. We installed and built an intricate oak screen for a Longmont bank; and last year, we completed a large solid walnut desk from old boards kept in our client's garage for 15 years. R.G. Valtier is also producing a colorful line of children's furniture.



White lacquer bookshelves and storage for Boulder residence.

I am also one of several owners/writers of a new monthly newspaper in Niwot, *The Left Hand Valley Courier*, and I serve on the AIA Colorado North Chapter Board.

NCAR, from page 11

most agree that the building is an architectural icon, a unique world-class building that was largely responsible for putting Colorado on the architectural map when it was completed. The building complex and its incomparable setting on Table Mountain are Colorado treasures that deserve our best efforts to preserve and protect them. As the building is now 27 years old, it should be high on our state list for the 25-year award.

Partners of the Colorado North Chapter

he Colorado North Chapter welcomes some new Partners and extends its thanks to its past Partners, many of whom have signed up for another year.

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- Pro Door & Windows, Inc. 123 North College Avenue Ft. Collins 80524 (970) 482-7887
- Vinyl Laminators, Inc. 1355 South Huron Street Denver 80223 (303) 733-2476 (increased participation level from Doric for 1997)

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PAGE 12 Colorado ARCHITECT

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colorado west chapter.....

August 1997

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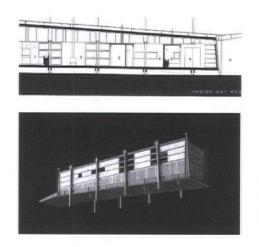
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We are still looking for people to be involved. If you have any interest, call Shira Geller, AIA at 970.925.5444.

PROFILES OF AIA COLORADO WEST CHAPTER 1996 AWARD WINNERS

Following is the first of a four-part series of firm profiles. Each award winner from our 1996 awards program, held earlier this spring, will have the opportunity to talk about the winning project and the firm's work and philosophy. The first two firms profiled here were awarded Citation Awards by the Jury, chaired by Les Wallach, FAIA, of Tucson, Arizona.

7 illis Pember Architects, Inc. was awarded a Citation Award for the Inside-Out House, an unbuilt, 1,000 square foot housing prototype. Assembled from a "kit of parts" and capable of being mass produced, it employs prefabricated construction components that could be shipped to the site and assembled in a short time. The jury found this project to be unique in its approach and "off the shelf" nature.



Inside-Out House, by Willis Pember Architects, Inc.

What was the motivation behind creating the Inside-Out House prototype? This project was a response to a client's difficulty in building a home for themthe value of their work to the average consumer. This is essentially the dream of modernism at its inception.

Who do you see as the 'client' and in what context might the house reside? As mass production implies, the "client" would be anyone interested in purchasing one, ideally many, units. The question of context is interesting and has two sides. Recently, the planning profession has "gotten religion" and consistently looks at manufactured home sites as negative examples of "community." The dogma is a little hard to take.

Locally, these places are where the struggle for community is won or lost given the skewed nature of resort area economics. The Inside-Out House consciously addresses a specific set of local circumstances. At the same time this project is a generic enclosure and revisits the notion of universal space. To that extent, the context is open-ended and the product infinitely responsive to a variety of uses; a weekend house, an office, a small gallery, etc. Additionally, I think of its construction as a paradigm for the way most buildings are built in this country today—a steel frame with layers of finishes attached.

Anything else we should know about construction, materials, or philosophy?

Yes, the conception of the project derives from an interest in ephemeral constructions found in the landscape and normally passed over as sources of formal "inspiration"-fences, piles of hay, landscape elements evocative of place, but not buildings per se. The making of this project tries to synthesize these experiences in specific ways. between the two expressed structural systems. The first consists of wooden posts and is suggestive of the balloon frame and traditional "western" construction techniques. The second is the steel frame and is the main ingredient in our current vernacular landscape.

This thinking typifies the way our office attempts to assign meaning and value to essential architectural elements-geometry, enclosure, structure-in an effort to manipulate the language of its making into a coherent and relevant dialogue.

How does the creation of this project inform other client-driven projects you are currently working on?

Quite directly actually, the client's participation becomes another voice in the dialogue. They are usually quite receptive to architectural ideas that directly address the circumstances of their lives. Some clients have "Raum Plan" personalities, others are "Free Plan" types-all respect the power of architecture to transform their lives in positive and meaningful ways. I tend to reject the idea that client desires and meaningful architecture are somehow mutually exclusive. On the contrary, they support each other and are quite inseparable.

Willis Pember Architects, Inc. is an office committed to the practical application and investigation of theoretical positions. Our work currently involves an even mix of urban and non-urban residential projects. Willis Pember, AIA apprenticed with Robert Venturi in the 80's and has been practicing in Colorado for the last five years.

See PROFILES on page 14

New Members

selves. Due to circumstances beyond their control, they were forced to spend construction funds extricating themselves from legal problems surrounding the project. In the end, they felt they could only afford a manufactured home. The presumption was that architects are not a "good deal" and are a poor choice from a consumer's point of view, in a market with a variety of prebuilt or kit-built options to choose from.

I took this as a challenge. I think architects need to address the possibility of broadening their role by understanding the economic disincentives toward their involvement and the possibility of mass production as a way to provide

For example, there is a explicit dialog



TRANSPORTATION CONFERENCE

The American Society of Landscape Architects, Colorado Chapter is hosting the "Kinetic Community/Transportation Conference 1997" to address Colorado's transportation explosion. The event is scheduled Friday, September 19, 1997 at The Pines in Genessee Events Center. International designer Paddy Tillet, FAIA of Zimmer Gunsul Frasca, Portland, will give the dinner address. Other featured speakers include Colorado transportation policy facilitator Jim Charleir, who will address new technology; Chris Duerksen of the Chicago/Denver firm of Clarion Associates, who will discuss Metro Vision 2020; and Dan Mariott of the National Trust for Historic Places, Washington, D.C. with John Whiteman of New England/Boulder firm Whiteman & Taylor, will address "Gateways and Byways."

For more information, contact Mark Tabor, ALSA Colorado chapter vice president of programs, 303.969.2493.



PROFILES, from page 1

Hagman Architects, LTD, of Basalt, Colorado was awarded a Citation Award for the Weil Residence, a 3,500 square foot single-family residence in



Weil Residence Interior Detail

Snowmass, Colorado. Located on a steep north facing site within a grove of mature aspen trees, the program called for a strong connection to the site and the views; an open and grand living area that serves both social and intimate gatherings; and intimate outdoor spaces. The Jury particularly appreciated the level of detail in the structure, both interior and exterior, in this project.

How did the client find you or vice versa?

This client was referred to us through another client, who had enjoyed working with us and was happy with their home.

What was the approach to the design of the Weil Residence?

The concept was influenced by the uniquely American Cottage and Bungalow styles of the mid-20th century. These types of homes blended together, fulfilled the goals set forth by the client and ourselves for this project. They are both typically self sustaining structures of moderate size with simple, clean materials and colors. Our approach responded to a number of factors, including a modest budget and a steep site. The client's desire for a

home reflective of the area, not too rustic, but inviting, complemented the eclectic character formed by the unique, yet casual marriage between the two models. The only real aesthetic directive was: Not Modern!

Were there any obstacles to the process?

The site was very fragile and steep. It was one of the original Wood Run sites, circa 1966, and had not been planned for ease of access for vehicles. It required several studies, site plans, and options to get it right. The client's requirements for outdoor areas presented the particular challenge of how to make viable exterior space carved out of the steep slope. Topped off with significant budget constraints (\$175/square foot), the project demanded careful study and consideration throughout.



ver since the Gulf War, our ing lines in the sand. In reality, we have been drawing imaginary lines in the dirt for centuries. I always found it amazing when I lived in Alaska and had to drive across the Canadian Border that this country had clear cut a 30-foot wide swath for over 1,000 miles to mark the border. Closer to home, there have been lines drawn in the sand or cut in stone as happens between the states of Colorado and Utah.

-Skip Doty, AIA

Just as there are boundaries between states, there are boundaries in the professional world. Because architecture is such a multi-faceted profession, we often find ourselves wearing many different hats during a job. As our award winners have demonstrated, we often have to cross the boundary of expectations to bring the project to fruition. I would like to ask you as architects: What are your boundaries, and what are you doing about them?







Entry of Weil Residence by Hagman Architects, LTD

Other things we should know about the process or project?

It was a constantly enjoyable process and the clients were great people to work with, we became friends.

A sensitive approach to clients' desires, design tailored to the site, creative use of materials, innovative detailing, and over 25 years of experience, makes Hagman Architects, LTD an award winning firm. Providing the highest level of full service, our firm specializes in custom residential, commercial, multi-family, and resort accommodations.



Celebrating Twenty years of Dasting Impressions

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CONFERENCE, from page 4



AIA COLORADO Awards Gala AND USO PARTY!

On Saturday night, in addition to bestowing AIA Colorado's most prestigious awards-Architect of the Year, Firm of the Year, Contribution to the Built Environment, and 25-Year Award -we will be celebrating in Big Band style with a live band, musical review and dance floor, complete with army-USO theme decorations! Don't miss out on this spectacular event. We expect more than 400 people, so this is sure to be the party of the year!

UNIQUE EXHIBITOR EVENT

This year, instead of booths, we are selling "lots," which the exhibitors will actually build. Come prepared to learn about all the new and exciting materials, product lines and technologies available to the profession!

SLATE OF CANDIDATES ANNOUNCED

IA Colorado is pleased to announce its slate of candidates for 1998 offices:

- President-elect:
- Mark Quéripel, AIA; North Chapter
- Ned White, AIA; Denver Chapter Treasurer-elect:
- Jim Cox, AIA; North Chapter
- Saundra Spaeh, AIA;West Chapter
- Secretary:
- · Ron Goodman, AIA; North Chapter
- Lisa Haddox, AIA; Denver Chapter

Assoc. Director:

- Linda Purcell, Assoc. AIA; Denver Chapter
- Sara Meskin, Assoc. AIA; Denver Chapter

FORT LEWIS, from page 1

of the economics of construction, will drive the addition of buildings of more than two stories, reinforcing the "interior" open spaces of the campus and contributing to a visual hierarchy and variety of experiences among and within the buildings.

Another aspect of this issue, is the entry to the campus. Currently, entry takes place wherever the parking intersects the open space, providing no logical way to enter into the internal pattern of the campus. The new circular courtyard at the Concert Hall will ultimately serve as an entry, but most like-

The President-elect and Treasurer-elect are two-year terms, with the second year serving as the President or Treasurer; the Secretary and Associate Director each serve one-year terms. Watch for your ballot to arrive in mid-August.

AIA Colorado Bylaws require a 15-day period whereby nominating petitions (signed by not less than five eligible voting members) may be returned to AIA Colorado placing in nomination one or more candidates other than those listed above. For information on filing a nomination petition, please contact Ron Abo, AIA, AIA Colorado President-elect at (303) 830-0575.

ly only for that group of buildings, since it is, for the most part, the public destination.

As is so often the case, economics and facilities management drive the design of the buildings themselves and the campus as a whole. While these are important considerations, the essential elements of design are sometimes left to fend for themselves and achieve success only by chance. Individual building architects are able to identify issues and provide localized solutions for those larger scale concerns, however, those solutions must be allowed to inform the whole. Many times design can successfully take place on this

"subconscious" level. Some of the right solutions will come out of the process of maintenance, upgrade, and construction. But it may be important to have a spokesperson (an architect, for example) for those concerns as part of the planning process. Not necessarily someone who will overlay a new logic on the whole, but someone who can find those subtle elements of architecture that will tie the whole together and clarify the underlying structure.

Fort Lewis College has the basis of a good campus plan, the challenge now will be to discover how to make the small moves that allow it to reach its full potential both architecturally and academically.

The author thanks Mr. Al Mages, Jr., P.E. Director, Physical Plant Services, Fort Lewis College, and Dr. Robert Dolphin, Vice President for Business & Finance, Fort Lewis College and former Durango Mayor, for their hospitality and contributions to this article.

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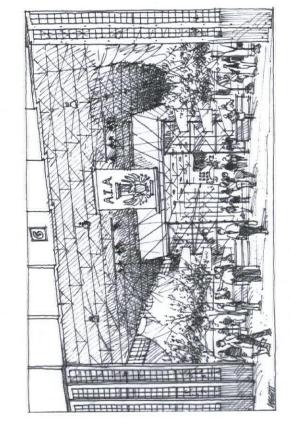
7 North Chapter Annual Meeting, Banquet, Design Awards Presentation, and introduction of new Board officers



CAREER DIVERSITY ISSUE

AIA COLORADO DESIGN EXPO '97

AlA Colorado conference: compassion for ourselves; compassion for our profession; and compassion for our planet and environment. Taking place in a Stapleton hangar—the length of two football fields, Expo '97 will be different from any other conference. Plan to join us October 17-19. More details on page 4.



Rendering by Jim Leggitt, AIA



CALENDAR EVENTS

AUGUST

- 1 North Chapter "Summerfest" Golf Tournament and Banquet
- 5 AIA Colorado Design Conference meeting, 5:30 PM at AIA offices
 - Committee on the Environment, noon, AIA offices
- 7 Denver Board of Directors, 5:30 PM, AIA offices
- 8 AIA Denver GolfTournament. Call AIAoffices for more info. at 303.446.2266
- 15 Colorado Finance Committee, noon-2 PM, AIA offices
 - 15 Colorado Board of Directors 2-5 PM, AIA offices
- 21 Denver Design Build Committee, Redefining the Profession Breakfast Roundtable Discussion Series, "Defining Your Ambitions," 7:30 - 8:30 AM, AIA offices
- 21 Design Communication Committee meeting, "Drawing Shortcuts slide show," brown bag workshop at noon, AIA offices
- 21-23 Western Mountain Regional AIA Conference in Sundance, Utah

SUBSCRIBE TO THE COLORADO ARCHITECT

28 Historic Preservation Committee, 7:30 AM, AIA offices

SEPTEMBER

- 4 Committee on the Environment, noon, AIA offices4 Denver Board of
 - Directors, 5:30 PM, AIA offices
- 5 Gallery Opening presented by Denver Chapter, 5:30 PM, AIA offices
 - 8 General Denver Chapter Member Meeting - call AIA Denver at 303.446.2266 for more information
- 18 Denver Executive Committee meeting, 5:30 PM, AIA offices
 - 19 Colorado Finance Committee, noon-2 PM. AlA offices
- 19 Colorado Board of Directors 2-5 PM, AIA offices
 - 25 Historic Preservation Committee, 7:30 AM, AlA offices
- 27 AIA Denver Annual Awards Gala at Auraria Campus North Classroom Building. For more information, call 303.446.2266

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