Colorado ARCHITECT



AIA COLORADO AIA COLORADO NORTH AIA COLORADO SOUTH AIA COLORADO WEST AIA DENVER

NOVEMBER 2000

SUMMIT 2000 CONFERENCE-

A FIRST OF ITS KIND

contents

North Chapter PAGE 7 109th Meridian PAGE 8 Denver Apogee PAGE 9

PAGE 10

President's Message PAGE 2

Lines & Columns

AIA	Denver firm profile:	
II. I	Architecture	DACE

Convention 2001:

And they're off PAGE 3

Continuing education & other events PAGE 4

for AIA 2001:

Coming to Denver

Voice for interns

Ten Shades of Green PAGE 5

North firm profile: **Boulder Associates** PAGE 6

Denver passes new small

business ordinance PAGE 11

PAGE 13 and associates

Trustees Board expands, winter forum on track PAGE 14

Interior design licensure

tops Colorado's legislative PAGE 15 activity list

rchitects from across the western United States descended on Sun ▲ Valley, Idaho, Sept. 20-24 for the

AIA Western International Summit 2000, the first-ever, western multiregional conference sponsored by the AIA. AIA Idaho, in conjunction with the AIA Northwest and Pacific Region, the AIA Western Mountain Region, The California Council, Western Canada, and Mexico

hosted the Summit.



(left to right) Rick Petersen, AIA, OZ Architecture; Joe Jackson, Assoc. AIA, Executive Vice President/CEO, AIA Colorado; Jim Leggitt, AIA, RNL Design

According to Bibiana Nertney of Summit 2000, more than 300 professional architects attended the five-day event, including AIA members from Colorado, Utah, Idaho, Nevada, Arizona, New Mexico, California, Oregon, Washington, Montana, Hawaii, and Alaska, among others. Other conference participants included more than 50 architectural students and 200 vendor representatives. The Summit theme focused on what the state of architectural design is to become in the next century and what will be the lasting effects on our profession, resulting from our actions.



JR Romero, Sweeney Rose Architects, Reno; Michael Crow, Tate & Snyder Architects, Henderson, Nev.; Stephen Loos, AIA, Abo-Copeland

"It was a great turnout," said Nertney, who estimated that there were more than 600 people attended the event. "We exceeded our highest expectations."

A total of 17 awards from 98 entries were presented during the Western International Design Awards Program, including a Distinguished Award of Honor, given to Antoine Predock of Albuquerque, New Mexico, for the design of the American Heritage Center and Art Museum at the University of Wyoming in Laramie.

OZ Architecture received recognition as the "Firm of the Year 2000." This award recognizes one firm in the six-state western mountain region for outstanding architectural design and contribution to the industry.

-Brad Fullmer, F. W. Dodge Intermountain Contractor

In addition, there were four Citation Winners, seven Merit Awards, and five Honor Awards. One of the Merit Awards was presented to The Mayer Residence in Denver, designed by Olson Sundberg Kundig Allen Architects, Seattle. Jury members included several well-known architects, including Arthur Erickson, Douglas J. Cardinal, Bruce E. Blackmer, Allison G. Williams, and Alan Temko.



Marvin Sparn, FAIA, Marvin J. Sparn Architects; Michael Stransky, GSBS Architects, Salt Lake City

ANTOS DELIVERS PUNC

f you missed the 2000 Denver Design Awards in September, you missed a fascinating keynote address presented by Jury Chair Adèle Naudé Santos, FAIA.

Ms. Santos is an architect and urban designer with offices in San Francisco and Philadelphia. Her firm, Adèle Naudé Santos and Associates, is acclaimed for the spatial inventiveness and social responsibility of its work, and has won numerous awards for its design projects. Santos is currently professor of architecture at the University of California, Berkeley and was the founding Dean of the New School of Architecture at the University of California, San Diego. She was educated in England and the United States, attaining three masters degrees, two from the University of Pennsylvania and one from Harvard University.

During her San Diego tenure, urban planning was the focus of Ms. Santos' address. Beautiful sketches and diagrams guided the audience through an urban design waterfront project, from conception to completion. Economy of materials, eye-level designs

responding to a variety of ages (heights), and vivid choice of colors impressed the audience with its obvious success to the challenge.

Born in Cape Town, South Africa, Ms. Santos' verbal directness regarding categories and awards was intense and unapologetic. For those accustomed to

only praise at an awards ceremony, this took many off guard, while others appreciated her fearless comments. Whichever camp you found yourself, there is no question her approach sparked dialog and controversy, which in itself always moves our profession forward.

A complete listing of the AIA Denver award winners and their projects will be listed in the January 2001 issue of Colorado Architect, the issue devoted to all four chapters and the state's design awards programs.

2000 Board of Directors

President:Stephen Loos, AIA
President Elect:John Williams, AIA
Treasurer:Jim Morter, FAIA
Treasurer Elect:Martha Bennett, AIA
Secretary:Rebecca Spears, AIA
Past President:Ned White, AIA
Director:Herb Roth, AIA
Director:Randy Giseburt, AIA
Director:Suzannah Reid, AIA
Director:Duane Boyle, AIA
Associate Director:Jesse Adkins, Assoc. AIA
University Director.:Dean Patricia O'Leary, AIA
Public Director:Al Slattery
Prof. Affil. Dir.:Isabelle Matteson, PA
Student Dir.:Amy McNally, SA
Executive VP/CEO:Joseph Jackson, Assoc. AIA

Colorado Architect is the monthly publication of AIA Colorado, AIA Colorado South, AIA Denver, AIA Colorado North and AIA Colorado West, and is provided as a benefit to members. Submit your article by mail, fax or e-mail (info@aiacolorado.org). Deadline for all material is the first day of each month previous to publication. Submissions are edited and published as space allows. Letters to the editor, suggestions, comments and encouragement are welcomed. Expressed opinions and statements in this publication do not necessarily represent the opinions of the AIA Colorado Board of Directors or its membership.

AIA Colorado One Park Central 1515 Arapahoe Street, Suite 110 Denver. CO 80202

Phone: 303.446.2266 Fax: 303.446.0066

Editorial Board

Rick Dominick, AIA, West Chapter
Joseph Jackson, Assoc. AIA, AIA Colorado
Kim Jackson, PA, The Newsletter Group, Inc.
Jim Leggitt, AIA, Denver Chapter
Carolyn Livingston, AIA Colorado
Steve Loos, AIA, State Chapter
Eileen March, Assoc. AIA, The Research
Studio

Mark Quéripel, AIA, North Chapter Mark Shaw, Colorado Construction; The Daily Journal

Marv Maples, AIA, South Chapter

Published by The Newsletter Group, Inc.

GREAT MOMENTS ON A DAILY BASIS

moved back to Colorado and Denver in '92 after an extended tour-of-architect duty on the east coast.

While I was quite familiar with Denver before leaving, coming back after 20-plus years has made it seem like coming back to an entirely new place.

A lot happened around here during my years away, and I'm discovering the changes on a daily basis. Business takes me pretty much all over the city, and I feel like I'm getting to know the town quite well once again. This time around, I find myself looking at things a little differently than before.

I still like the "feel" of Denver. After so many years of claustrophobic eastern cities, I like the way Denver opens up and gives you a sense of where you are relative to everything else. I like the big vistas both to the mountains and to the prairies at the edges of the city.

I like the fact that the topography of the city isn't entirely subdued by the built environment. It is still a very special place, and I'm gratified by the fact that my memories of it have been reconfirmed on returning.

What I am finding, however, is that there are a bunch of new impressions forming as I travel around the city. I'm finding delights in all sorts of characteristics that I either wasn't aware of before or that are so brand new that I'm simply experiencing them for the first time. I'm beginning to think of these new characteristics as a collection of wonderful, experiential "moments"—moments that occur daily and serve to genuinely enrich my life in the city.

A quick example should suffice to get you thinking about these kinds of special events...

East High School sits across 16th Avenue to the east of our office building on Downing Street. Our floor is high enough for a clear view of the beautiful clock tower, which is the centerpiece of the building. Every morning, we have the pleasure of watching as the morning sun first silhouettes the tower against the horizon, then actually moves to light up the tower's windows. It's quite a display! East High performs this magic daily while anchoring and completing the vista down 16th Avenue for everyone in the area. It's a simple thing, but its beauty gets me every day.

Another moment that is growing stronger for me is the turn north on California Street going downtown. There is a procession along California where the cluster of high-rise towers around 17th and 18th form an exceptionally animated profile. For a few blocks before they surround you, these towers step back, push forward, and bow to each other in an exciting frozen dance—a dance that's further activated and altered by the changing light conditions over the course of the day.

The closure of the street to the north by the Convention Center helps unify this unique composition. You don't even have to particularly like the looks of the buildings to enjoy the dance!

Other moments include travel along Monaco Avenue and approaching the new Mile High Stadium from the north on I-25. The Monaco "moment" is created by the magnificent arbor of those huge old trees, both at the curb and the median island. While this vista is always terrific, it became something extra special indeed a few years ago when we had one of those ice/snow storms that froze to the branches, creating a stunning crystalline tracery the likes of which

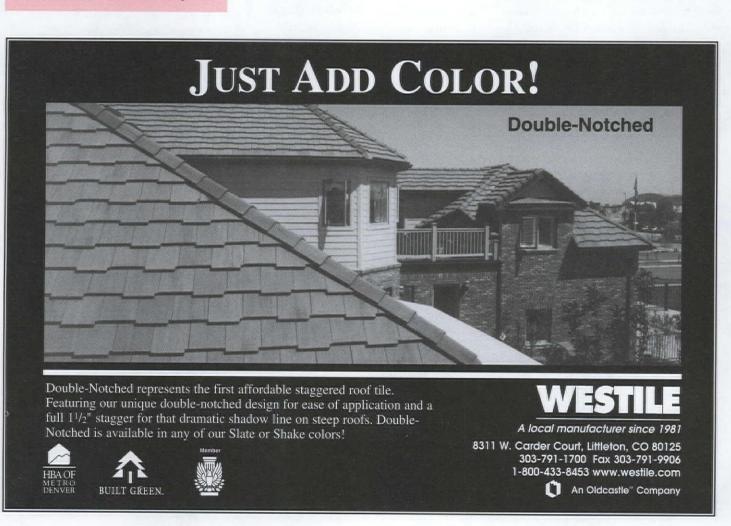


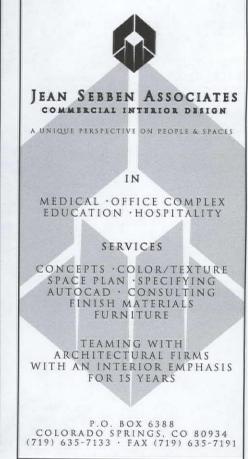
—Stephen Loos, AIA President, AIA Colorado

I had never seen before. Driving down that street that day was an experience that I will never forget.

The I-25 approach to the new Mile High Stadium from the north is developing into something equally dramatic! As you round that big curve headed toward Colfax, the new stadium looms over the freeway like a huge architectural roadblock. I don't know of many examples where a building so completely dominates and subdues an interstate highway. It is going to make an incredible "moment" when the building is completed. I'm a little concerned about smooth traffic flow in this area as I and my fellow drivers gawk like tourists while we make that bend.

I could go on because I've been developing quite a collection of "moments" since I've been back. However, I'm sure there are many others out there that I've missed—"moments" that enliven your own days in Denver. I'd love to hear about them so I can add them to my collection. Let's compare notes the next time we get together...





AIA Denver firm profile: H+L ARCHITECTURE

"EXCELLENCE IN ARCHITECTURE WITHIN A TRADITION OF EXCEPTIONAL SERVICE"

+L Architecture was founded in 1963 and has continued its growth in size and capability. Our strengths continue to be centered around a commitment to excellence and exemplary service in healthcare, education and advanced technology architecture. Our multi-disciplinary staff of approximately 50 people includes architects, interior designers, intern architects, and support personnel. Our services include architecture, programming, master planning, design of renovation and new construction projects, site planning, building assessment, feasibility, project management, adaptive reuse/remodel, and interior design.



Functional, creative design with a community vision is the keystone of our practice. How the design will impact community needs as a whole is taken into consideration in anticipation of society's changing needs. A commitment to be part of the solution is made by our designers who also take responsibility for the appropriateness of each of our projects. Our notable reputation for exemplary service and design as well as for meeting budget and schedule requirements is best measured by our outstanding list of repeat clients.

The partners and associates at H+L have open communication with the entire firm regarding management decisions and opportunities. H+L is dedicated to maintaining an organizational structure that is very horizontal and characterized by a high level of trust, high degree of flexibility, and a streamlined decision-making process. The leaders at H+L encourage the development of all members of the firm through our mentoring program, educational and training opportunities, and empowerment. There are six leadership teams, made up of interested staff, with a representative from each segment empowered to set direction for H+L in design, office management, marketing, human resources, production, and staff education.

Contact: Jeff Ambrose, AIA, 303.295.1792

In the Information Age it takes more than CAD Management to surv How do you stay ahead?.. STRATEGIC PLANNING AEC TECHNOLOGY MANAGEMENT WEB & ASP DEVELOPMENT INTRANET & EXTRANET DESIGN **NETWORK & INTERNET SECURITY** REMOTE / GLOBAL ACCESS TELECOMMUTING DISASTER PREVENTION **AEC COMPUTER SYSTEMS** ON-SITE SUPPORT Denver · Boulder OUTSOURCING www.thegeckogroup.com info@thegeckogroup.com We've been Colorado's premier AEC Voice 303.415.2052 Toll Free 800.413.4552 **Technology Consultants since 1994**

AND THEY'RE OFF!

s you know, the AIA National Convention, to be held in Denver, Colorado May 17-19, 2001 is only six months away! The Sponsorship Committee has been working hard to raise funds to cover convention costs and invite involvement from local companies.

It was a fantastic way... to get local and national recognition from the architectural community.

-Anthony Capponi

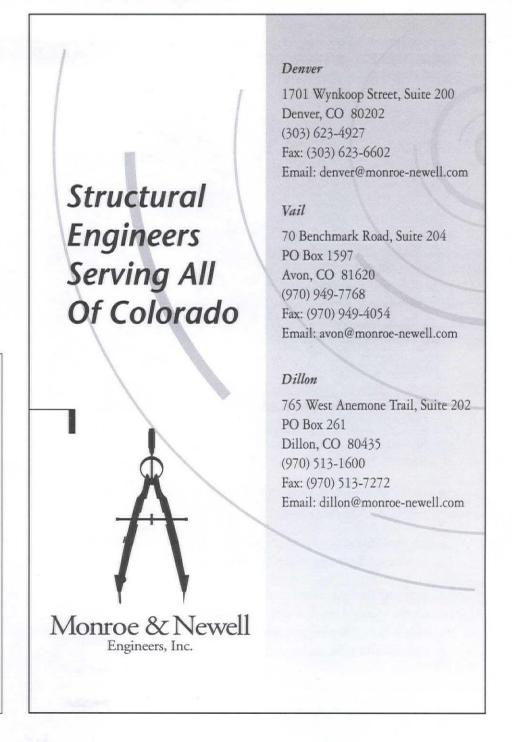
Co-chairs Curt Fentress, FAIA, of Fentress Bradburn Architects, and Alan Zeigel, FAIA, along with a committee of eight, have put together two packets of information that list the wide array of sponsorships available during the 2001 Convention.

Already, long-time AIA Colorado sponsors Hensel Phelps Construction Company, PCL Construction Services, Inc., and Monroe & Newell Engineers, Inc. have stepped up and invested in three of the top sponsorship opportunities. Several other companies have also come forward to donate in-kind sponsorships, such as furniture for the host chapter lounge, printing services, and volunteer vests.

It's time for your company to join this elite opportunity to reach more than 15,000 architects and other industry professionals from around the world. Gain tremendous exposure for your products and services by sponsoring special events, the host chapter party, tours, the 5K run, special exhibits, and more. Sponsorship packages range from \$1,000-\$50,000 and carry a wide variety of benefits.

Anthony Capponi with Lehigh Portaland Cement Company, sponsored the 5K run at this year's convention and said the event was a great success. "It was a fantastic way... to get local and national recognition from the architectural community."

Hurry! Opportunities are going fast. Use this event to promote the overall strength and vitality of the architectural industry we have in Colorado. For a complete list of sponsorships offered, contact Sonia Riggs at the AIA Office. 303.446.2266 or sonia@aiacolorado.org



EDUCATION SERVICE SERV

Fall Breakfast Series Continues

We're not alone! Designing with allied professions

The fall Breakfast Series continues this month with three more seminars.

Urban Design and Architecture

November 3

Urban designers in the public and private sectors have always influenced the design and character of our buildings. Tyler Gibbs will present examples on how Denver architects, working in the public sector, have played a significant role in shaping the City's planning and urban design policies; and Carl Worthington will share highlights of his urban design practice.

Interior Design and Architecture

November 10

Presenters include AnnMarie Dienstbach, Amy Tabor, and Eileen March, Assoc. AIA, who will address the changing workplace, requirements of the new corporate users and the challenges related to integration and project delivery, as well as findings from research exploring future trends in the workplace.

CONTINUING EDUCATION & OTHER EVENTS

Industrial/Exhibit Design and Architecture

November 17

The breakfast series concludes with a dynamic presentation that weaves together museum/exhibit design, industrial design, and architecture with presenters Alan Espenlaub and Patrick Ryan.

As a reminder, the fall the series has moved to the Education Center of the AGC (686 Mariposa), on Friday mornings at 7:15. The fall series is co-chaired by Jim Leggitt of RNL Design and Rick Petersen of OZ Architecture. Questions? Call Susan Buchanan at 303.446.2266.

Volunteer Information Fair

November 9

The AIA students at the University of Colorado Denver invite you to attend their second annual Volunteer
Information Fair on Thursday, November 9. This event will provide an opportunity for students, professionals, and organizations to meet and learn how their mutual interest in the local global community can be served by volunteer participation with service organizations. This free event takes place11:00 a.m.-2:00 p.m.at the CU Building (also known as the Dravo Building) on the SW corner of 14th and Larimer, Room 470.

SMPS Fall Education Series

September 6 - November 29

The Society for Marketing Professional Services has been conducting a marketing education series of workshops designed around computer knowledge and design. Three workshops remain in the series, and will explore Microsoft Access, Photoshop, and marketing on the Internet. For more information, contact the AIA Office at 303.446.2266

Remaining schedule:

November 1 9 a.m.-4 p.m.

Building Your Microsoft Access Database

November 15 9 a.m.-4 p.m.

Illustrating your Proposals: Photoshop

November 29 9 a.m.-4 p.m.

Marketing on the Internet

SMPS has represented professional marketers who work in the A/E/C industry. Representing more than 4,700 members, SMPS is committed to keeping members on top of the many exciting changes on the marketing frontier.

Modern Architecture in the 20th Century

Sundays at the Denver Art Museum
The new architectural lecture series at
the Denver Art Museum for fall will
wrap up this month with a lecture on
Sunday, November 5 from 1:00-2:30
p.m. This lecture will examine a small
"sliver" of Post and Late-Modernism,
with notables such as Renzo Piano,
Norman Foster, Frank Gehry, and
Santiago Calatrava. This session qualifies
for 1.5 CES credits.

Space is limited to 65 participants, cost is \$45 for DAM members/\$55 for non-members. RSVP to 720.913.0048.

Fall Lecture Series University of Colorado, School of Architecture & Planning

Wednesday, November 1, 2000 J. Matthew McMullen "Architectural Symphony: Orchestrating Building, People & Purpose" President, Architectural Manoevres



303.221.5622

cdmiller@cvlan.com

Lecture, Boulder Campus, 6 p.m. ENVD Building, Rm. 134

Monday, November 13, 2000

The Eugene and Barbara Sternberg

Laurie Hawkinson

"Between Spaces"

Assoc. Professor, Columbia University Partner, Smith-Miller & Hawkinson Architects

New York, New York

Reception, Denver Campus, 5:30 PM

Octagon Gallery Lecture, 6 p.m. CU Building, Rm. 470

Wednesday, November 15, 2000 William Massie

"Building in the 'Technological' Landscape"

Assistant Professor of Architecture Montana State University

Boseman, Montana

Reception, Boulder Campus, 5:30PM ENVD Building, Rm. 134

Lecture, 6 p.m. ENVD Building, Rm. 134

FMI Leadership Institute

November 13-17

This 5-day institute provides experiential learning and individual leadership coaching opportunities to help you maximize your individual and corporate leadership skills. The institute is held at The Nature Place near Colorado Springs. \$5,250 per person includes all costs for tuition, food, and lodging. To register, call 303.377.4740

Presentation Skills

November 2-3, Denver

This interactive workshop teaches the skills and confidence you need to speak to groups of all sizes. Instructors work closely with small groups in a private setting where participants can practice and get constructive feedback. \$1,195 for one attendee. To register, call 800.877.1364 or visit www.fminet.com

Sarah Susanka

November 15

Architect Sarah Susanka will be coming to Denver for a lecture on her book, *The Not So Big House*, November 15 at the Denver Athletic Club. The lecture takes place at 7:00 p.m. and costs \$15 for members and \$20 for general public. A patron reception precedes the lecture; it includes an opportunity to meet Ms. Susanka and receive a copy of her book. Tickets for the patron event are \$75. All tickets may be purchased by calling the Historic Denver reservation line at 303.534.5228 extension 16.

Holiday Party

December 15

AIA Colorado invites you to attend the annual holiday party in the AIA Offices. Beginning at 5:00 p.m., join your fellow members and the AIA staff as we celebrate the holiday season. RSVP to 303.446.2266.

ing education series of workshops

TAKING PRECAST TO ANOTHER LEVEL

Level 3 Communications Corporate Office Campus



Owner: Level 3 Communications General Contractor: Kiewit Construction Company Architect: Holland Basham Architects Engineer: Nielsen-Baumert Engineering, Inc.

- The 850,000 sq. ft. Corporate Campus facility required 7200 pieces of precast.
- Rocky Mountain Prestress worked closely with the design team and contractor during the design build process.
- Stone textures, multiple color castings and bold features help produce an impressive headquarters facility.



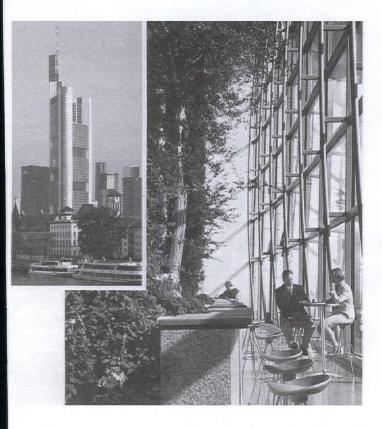
5801 Pecos Denver, Colorado 80221 303/480-1111 FAX 303/433-0451

Colorado ARCHITECT

COMING (WE HOPE) TO DENVER FOR AIA 2001: TEN SHADES OF GREEN

-James Plagmann, AIA

s has been learned over the last several years, "green," or sustainable design, is sometimes hard to define, and there are a variety of methods and materials incorporated to pursue environmental sensitivity. Nevertheless, sustainable design has become mainstream. In the review of the exhibit, Ten Shades of Green (May 2000), Architectural Record asserted, "Green buildings are the inevitable future of architecture."



Ten Shades of Green is a celebration of the variety of approaches taken in creating buildings that are good, not only for the environment, but for their occupants—and the bottom line. This is not an exhibition of projects on the fringe of architecture. In fact, The New York Times architecture critic, Herbert Muschamp, said of the exhibit, "Perhaps it would be more productive to say that Ten Shades of Green presents the ten most beautiful recent European buildings, that it includes work by famous architects and a handful of hot young stars. ... Ten Shades of Green... should not just be seen. It should be enacted into law."

Organized by the Architecture League of New York, Ten Shades of Green debuted in New York at the Urban Center, and has met with rave reviews. The term, "Ten Shades" has a dual meaning, referring to the number of projects in the exhibit, and to ten key issues that need to be considered to create a truly sustainable design. These issues include low energy/high performance, replenishable resources, recycling,

2000 AIA Colorado Corporate Sponsorship Program

As we near the end of the year, AIA Colorado wishes to once again thank the participants in the 2000 AIA Colorado Corporate Sponsorship Program. Their enduring dedication to our organization is truly appreciated.

Platinum Sponsor Monroe & Newell Engineers Gold Sponsor Colorado Hardscapes

Silver Sponsor

Rocky Mountain Prestress

Bronze Sponsors JHL Constructors, Inc. IVA, Incorporated

Guy's Floor Service has made excellence our standard for more than 50 years. For the best in commercial carpet, tile, wood and resilient floors. (303) 371-8900 GUY'S FLOOR SERVICE INC. STAPLETON BUSINESS CENTER 10275 East 47th Avenue Denver, Colorado 80239 Phone (303) 371-8900 Fax (303) 375-8790

embodied energy, long life/loose fit, total life-cycle costing, embedded in place, access and urban context, health and happiness, and community and connection.

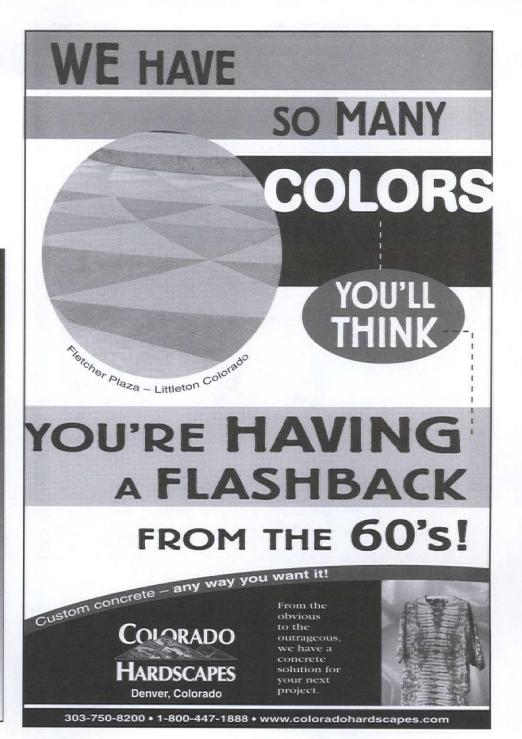
The projects run the gamut from single-family residences to affordable multifamily housing, to corporate headquarters, to the tallest office building in Europe. They have as their designers such notables as Sir Norman Foster, Renzo Piano, and Michael Hopkins. According to exhibit curator Peter Buchanan, "These particular buildings were chosen because they are complete works of architecture: buildings in which environmental responsibility is fully integrated with formal ambition and responsiveness to an enlightened vision of community life." Indeed, Muschamp concluded, "The integrity of architecture is the most valuable lesson Ten Shades of Green has to teach."

The exhibit is a multimedia, multidimensional experience, including exquisite graphics, detailed models, and monitors playing interviews with the designers involved with the projects. Be sure to experience Ten Shades of Green and deepen your appreciation for the full spectrum of sustainable design.

Please help bring Ten Shades of Green to Denver with some of your green! The AIA Colorado Committee on the Environment is endeavoring to bring this outstanding exhibit to Denver. It is available for the months of May and June 2001, so it would be on display for the convention and beyond. We need sponsorship to help underwrite the expenses associated with hosting the exhibit. Please contact Committee on the Environment Chair Peggy Kinsey, AIA, at 303.294.9448, or COTE member James Plagmann, AIA, at 303.530.3232 for more information about the benefits of sponsorship.

AIA Committee on the Environment (COTE) meets at noon the first Wednesday of every month in the conference room of the AIA office. Anyone who is committed to promoting sustainable principles in the built environment is welcome.

James R. Plagmann, AIA, is a project architect with Terra Verde International, LLC in Boulder, and a member of the AIA Colorado Committee on the Environment. His phone number is 303.530.3232.



AIA Colorado North Firm Profile: BOULDER ASSOCIATES

That do you get when you mix plastic hair curlers, a basket, playing cards, forks, bleach bottles, and ping pong balls? Four pieces of sculpture from a group of creative architects! Boulder Associates (BA)was the architect and interior designer for this project that included these creative pieces that now hang in the Metro Community Providers Network (MCPN) Jeffco Clinic in Lakewood.

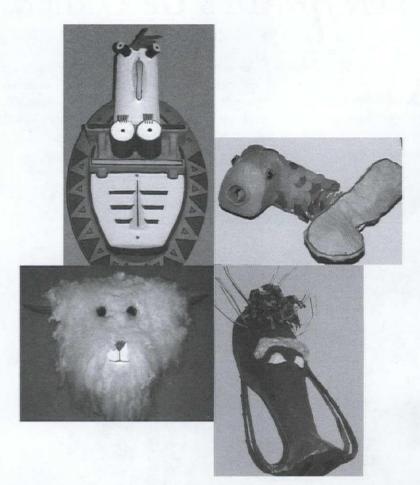
This family practice clinic that "serves the underserved" lacked financial support for interior artwork, due to the fact that all available funding needed to go toward the construction of clinical services. For the designers at BA, this opened the door for a teambuilding opportunity to create fun artwork and to help support the community.

Principal Nick Rehnberg, AIA, was inspired with this idea after visiting a Picasso exhibit in Paris that included pieces made from found objects such as handlebars, utensils, and wire. With this concept in mind, he and Senior Associate DiAnn Sherk, ASID, hit the thrift stores to find recycled materials that would facilitate the framework for sculpture with a universal theme and face-like features. Once the pieces were assembled by groups of BA designers, papier-mâché and non-toxic paint was applied to the surface to finalize the overall appearance.

These sculptures have become icons for the clinic and help create a more relaxed environment for anxious patients. Mary Lea Forrington, administrator of the facility said of the sculptures, "They're thought provoking. People wonder what they are or what they're made of, and the kids love them." And to maintain a spirit of fun, the staff at MDPN decorate the sculptures for each seasonal holiday.

BA has participated in the design and construction of ten community health centers in the Denver metro area. Founded in 1983, the firm provides planning, architecture, interior design, and construction administration services nationally to clients in the healthcare and senior living industries.

Contact: Robert Owens III, AIA, 303.499.7795



Wall sculptures on display at the MCPN Jeffco Clinic, Lakewood, CO







NOVEMBER 2000 Colorado ARCHITECT



SELLING SUSTAINABILITY

-Michael J Spearnak, AIA

2000 AIA Colorado North Chapter Board of Directors

ouldn't it be great if all your clients appreciated the value of quality design? How about quality sustainable design? Or how about if they understood the value of quality sustainable design AND (miracle of miracles) were willing to pay for it?

So how did a school district with a name you can't spell or pronounce (Poudre—rhymes with scooter) come to embrace an integrated approach to sustainable design? Having an architect on board (me) helped. Having been committed to the idea of sustainability before it had a



RB&B Architects Poudre School Prototype

Sometimes the best you can hope for is a client that can at least spell sustainability. How do you get clients to see the light?

In May, the Poudre School District (PSD) sponsored a design competition for the development of a three-track prototype elementary school. Along with the traditional Educational and Technical Specifications, the three competition finalists were handed PSD's Sustainable Design Guidelines. After getting over the shock of actually having a client who could not only spell sustainability but also capitalized itand used the word 'integrated' a lot-Hutton Ford Architects, RB+B Architects, and Slater Paull & Associates all rolled up their sleeves and hit the boards.

After six weeks of work and workshops, PSD had three top-flight solutions and an extremely difficult decision to make. On September 1st, RB+B got the nod and is now learning what it really means (as is PSD) to take an integrated approach to sustainable design. Assuming success of

label (as a kid, I argued that less than a month between underwear changes put undue pressure on the ecosystem), it was only natural that I should try to convince my employer to go "green." The first two things I learned were: don't try to convince and don't use the word "green."

me a break. After testing the waters, it was clear that the people charged with taking care of facilities long after the design professionals had left were the right "light bulb." I couldn't convince them to be "sustainable" in their approach to development, they had to sell themselves.

The first step was to form a committee

The first step is always to form a committee. Plumbers, carpenters, custodians, HVAC guys, painters, locksmiths, groundskeepers—just about anyone and everyone from the facilities/maintenance side of the house—were invited to participate. Each member of the team was asked to take a CSI division and research products and practices associated with sustainability.

I saw it as a chance for the facilities staff to learn about sustainable building practices. They saw it as finally getting the respect they deserved by having a voice in the decision making process. The



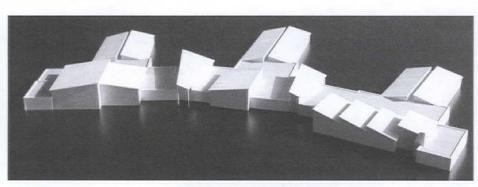
Slater-Paull & Associates model

How many psychiatrists does it take to change a light bulb? One, but the light bulb has to really want to change.

My challenge was finding the right light bulb. The educational side of the house was easy. What teacher wouldn't want a healthy work environment, reduced stress, and to save the world all at the

team stayed together for about a year and ultimately developed (with the help of a consultant) the Sustainable Design Guidelines. More importantly, the people whose lives are invested in taking care of PSD's facilities were given a chance to have greater control over their world-and in the process, taught themselves the benefits of pursing the ideals of sustainable design. Now when an architect suggests an idea, the first words out of the mouths of our facilities staff are "Yeah, but is it sustainable?" If you want to sell sustainable design, make sure your efforts aren't wasted on trying to change the wrong light bulb.

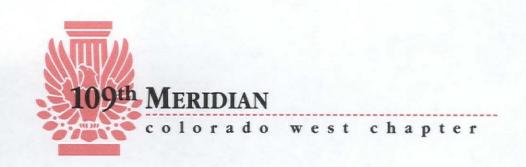
Michael Spearnak, AIA, is the district architect for the Poudre School District in Fort Collins.



Hutton Ford Architects Poudre competition model

PSD's \$175 million bond election this month, construction of two of the prototypes will begin in spring of 2001.

same time? The operations side looks at things a little differently. Waterless urinals? Gravel instead of asphalt? Evaporative cooling? A root cellar? Give



How the West was won

—Carolyn Hunter, AIA

2000 AIA Colorado West Chapter Board of Directors

President: Suzannah Reid, AIA President Elect:Rick Dominick, AIA Treasurer: Marina Florian, Assoc. AIA Secretary:Michael Oney, AIA President:.....Wendell "Skip" Doty III, AIA Director: Heidi Hoffmann, AIA Durango Director:.....Carolyn Hunter, AIA Grand Junction Director: Frank Wagner, AIA Vail Valley Director:......Chris Green, AIA Grand Junction Coordinator:Marc Maurer, AIA Middle Roaring Fork Valley Coordinator:.....Mary Holley, AIA Pagosa Springs Coordinator:Julia Donoho, AIA ...Bob Ralston, AIA Upper Roaring Fork Valley Coordinator:Rally Dupps, AIA **Executive Director** Local Chapters:.....Susan Buchanan, CMP

New Members

Darci M. Lohn, Assoc. AlA Terrasun Design, Inc.

Mike Zagorski, SA

Dean Moffatt, AIA, and Greg Franta, FAIA, set out in Dean's car to tour Colorado's West Slope. They stopped in every town and talked to every architect they could to drum up support for a West Chapter of the Colorado AIA.

This was no small endeavor. The geographic area they covered was roughly half the state of Colorado; driving between communities often involved going over a mountain pass. But their goal was important: to bring a stronger voice to architects practicing their profession in rather isolated conditions, sometimes as the only architect in their community.

Dean and Greg obtained a list of West Slope architects from the Board of Regulatory Agencies. After visiting them in person, they conducted a formal poll, asking whether there should be a West Slope chapter, and what its goals should be. Many responses confirmed that West Slope architects have slightly different needs than those practicing in an urban setting: AIA could definitely be an important technical resource for them.

Moreover, it should be a vehicle to help the public understand the architect's role.

Therefore, they produced their own newsletter, *Mountain Architects*, and organized their own meetings and conferences, still attracting national speakers. They initiated the annual "10 x 10" Slide Show event. Back then, it was called the "3 x 3." They also had fun: they held a Kite Design contest—Sam Caudill got first prize because his kite actually flew. David Gibson took second place based on a beautiful kite design that was never actually witnessed in the flying mode.

Today, the West Chapter of AIA
Colorado is dealing with the same "critical mass" problem—although our membership has increased to more than 200 people. As our Chapter President,
Suzannah Reid, AIA, stated in the
Strategic Planning meeting in January,
"We couldn't get 50 architects together in the same room for any reason!"

This year's strategy has been to use area coordinators for each region, limiting the driving distance and therefore increasing participation at AIA events. Eight area coordinators serve the regions of Grand Junction, Vail Valley, Steamboat Springs, Summit County, Upper Roaring Fork Valley, Middle Roaring Fork Valley, Pagosa Springs, and Durango. Their names and contact numbers are listed below. Area Coordinators arrange Continuing Education events, organize the annual "10 x 10" Slide Show, and hold a meeting for interns to discuss the Architectural Registration Exam. Given the chance to see local architects' work first-hand, they are also in a position to recommend West Slope architects for statewide and national awards.

In preparation for the 2001 National AIA Convention in Denver, the West Chapter has adopted the legacy project of "Livable Communities," encouraging its membership to contribute their aesthetic sensibilities and pragmatic voice to their communities' planning efforts. This year, with the "Citizen-managed Growth" proposal on the statewide ballot, our efforts are quite timely and necessary!

Seemingly small changes in planning regulations can reduce the effect of insensitive growth, and help developers understand the special considerations of building on the West Slope. When new developments work with the environment instead of obliterating it, growth maintains a good name and is not opposed by the general populace. West Slope architects are in a special position to contribute to this community-wide discussion—one that will shape the visual character of their respective regions for years.

In March, Marc Maurer, AIA, organized a one-day Design Charrette for the 24 Road Corridor in Mesa County (Grand Junction area). An area of developing commercial sites, the desired future for this corridor was publicly debated for a long time, with no consensus on a solution. Nearly 30 people attended this event, and brainstormed ideas on how to achieve a "clean, green, walkable, and

delightful" environment. Mark distributed a planning consultant's research to the participants ahead of the charrette to maximize their efforts in the short time period allotted. Signs were posted outside the room describing the event and inviting the public to stop in and comment. Mark Mauer will print a booklet describing the process he used and illustrating the results. Holding a Design Charrette is one of many ways where architects can be a valuable resource to their communities' planning efforts.

If you live on the West Slope, there are more reasons than ever to become an active AIA member! AIA provides the perfect avenue to join with other architects and be heard as a group voice in local planning decisions. The AIA can increase public awareness of the various services architects can provide, expanding your potential client base.

Local continuing education programs can help you maintain your "cutting edge" even while practicing in a remote community. Many architects who have already attended these local events have stated they enjoy the opportunity just to meet, talk to, and compare notes with other architects in their regions. The recent economic boom has most of us glued to our computer screens, just trying to meet the latest deadlines. It's important to step away once in a while, not only to assess the larger picture, but to work to improve it.

Call your local area coordinator, and contribute your ideas!

Grand Junction:

Marc Maurer, AIA 970.245.6095

Summit County:

Patrick Heise, AIA 970.513.1000

Vail Valley:

Chris Greene, AIA 970.926.6590

Steamboat Springs:

Bob Ralston, AIA 970.879.2727

Upper Roaring Fork Valley: Rally Dupps, AIA 970.925.6797

Middle Roaring Fork Valley: Mary A. Holley, AIA 970.927.8589

Pagosa Springs:

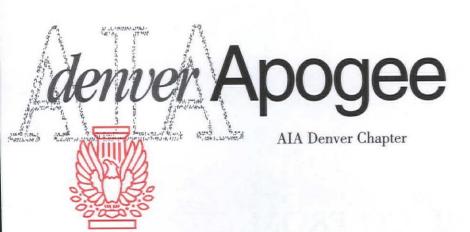
Julia Donaho, AIA 970.264.6884

Durango:

Carolyn Hunter, AIA 970.247.0430



Designing on the West Slope requires sensitivity to hillside environment



LOW-COST HOUSING IN INDIA

—Amy Hause

2000 AIA Denver Chapter Board of Directors

President:	Herb Roth, AIA
President Elect:	Jim Leggitt, AIA
Vice President:	Rick Petersen, AIA
Secretary:	Ben Wilking, AIA
Treasurer:	Michael Murphy, AIA
	Cheri Gerou, AIA
Past President:	Jim Paull, AIA
	Eric Bartczak, AIA
Director:	Sylvia Deye, AIA
	Paul Hutton, AIA
	Carla McConnell, AIA
Director:	Bill Moon, AIA
Director:	David Pfeiffer, AIA
	Joe Poli, AIA
Associate	
Director:	Chris Murdy, Assoc. AIA
SDA Director:	Debra Massop, SDA/C
Public Director:.	vacant
Prof. Affiliate Re	p:Bart Deitrick
	Gina Wilson, AIAS
Executive Direct	or
	Susan Buchanan, CMP

New Members

Erich Jason Axsom, PA

Pongsak Denpattanapitak, Assoc. AIA

Gregory J. Diem, PA L.M. Scofield Company

Douglas J. Eichelberger, AIA

Eichelberger Studio

Gensler Gensler

Christopher M. Moore, Assoc. AIA

Jeffrey J. Pelaez, Assoc. AIA

Matt Piper AIA

Jeffrey Swanson, AIA Jeff Swanson & Associate

Shawn L. Turney, Assoc. AIA

Karen A. Williams, Assoc. AIA

Megawati Wirantono, Assoc. AIA Harold Massop Associates ith the confusing and often unjust forces of globalization, population shifts into cities, economic inequality, environmental degradation, and increasing populations, appropriate solutions to housing are anything but straightforward.

With its population now exceeding 1 billion, India particularly suffers from the resulting environmental degradation and mass migrations into its biggest cities. In response to these forces, a program of building centers, called "Nirmithi Kendras" has been established. The centers emphasize localized organization and skills training to revive depressed village economies, and research and development of renewable construction materials to ease the environmental burden and reduce construction costs.

This program, featured at Habitat II (the United Nations Conference on Human Settlements held in Istanbul in 1996), exemplifies the approach recommended in the Conference's resulting document, the Global Plan of Action. It favors approaches that feature localized solutions choreographed by combinations of citizen groups, NGOs, governments, and the private sector, as opposed to large-scale, top-down governmental solutions, which have often failed in the past.

Unlike many housing programs common in India and other parts of the world that are based on subsidies to renters and potential home owners, the 12-year-old Building Center Movement, with a network of over 480 building centers, focuses on the research, development and delivery of low-cost and appropriate construction methods and building

materials. The idea sprang from concern over quickly increasing construction costs and the resulting inability of many Indians to afford housing.

With the aim of establishing at least one building center in every district in India, the government of India gives grants to

state and local governments, NGOs, educational institutions, construction worker cooperatives, and entrepreneurs—many of whom go on to become self-reliant. This flexibility in organizational structure

encourages a variety of manifestations, with resulting building centers offering combinations of design, construction, consulting, manufacturing (of materials), R&D, and training (of skilled laborers).

For example, one research institution may focus on refining compressed stabilized mud block and other appropriate construction, while another entrepreneurial center may focus on manufacturing and distributing these materials, while still a third—perhaps a government-run center—may focus on training laborers to build with them. Often centers take a more comprehensive approach and do all of the above.

All these efforts are aimed at making available to consumers cost competitive

materials and construction methods that increase local self-reliance, reduce energy consumption, and promote environmental awareness.

Professor K.S. Jagadish, of the Centre for Application of Science and Technology to Rural Areas, said he sees



the tendency in people to want to consume resources (like Americans, if they could), and stresses the need to promote energy-efficient and sustainable building methods. All of the people I spoke with at the various Nirmithi Kendras stressed that they are not in the business of low-income housing, but low-cost housing.

They want to influence and popularize environmentally appropriate construction technologies among all economic groups and avoid the stigma (particularly detrimental in a society still largely based on a caste system) that it is construction for the poor and those belonging to low castes.

See HOUSING IN INDIA on page 12

Members in the news

Slater Paull & Associates, is proud to announce the dedication of Denver Public School's new Green Valley Elementary School, and the ground-breaking of Montbello Elementary School. Both designs are based on the same model the firm developed for Maxwell Elementary School that opened in 1998. Maxwell features the creative and playful use of masonry to enhance the building's durability.

Michael Barber Architecture announced the promotion of five staff

members in the firm. Among them is member Michelle Bean, Associate AIA, who has been promoted to job captain.



announced that Joshua Gould, AIA, Principal at RNL Design, has been elected to the firm's Board of Directors. Also

firm's Board of Directors. Also announced by RNL Design was the

receipt of a merit award for the KNXV TV-15 television station in Phoenix, at the Valley Forward Environmental Excellence banquet.

Klipp Colussy Jenks
DuBois announced the
promotion of Sam
Miller, AIA, to senior
associate.





WHERE DO WE GO FROM HERE?

-Rhonda Linder, AIA, LKA Partners

2000 AIA Colorado South Chapter Board of Directors

President:Duane Boyle, AIA
President Elect:John Goodloe, AIA
Secretary:Pat Ziuchkovski, AIA
Treasurer:Michael Cook, AIA
Past President:Marvin Maples, AIA
Director:Richard Cherry, AIA
Director:George L. Cruz, AIA
Director:Richard Gordon, AIA
Director: Dempsey V. Currie, AIA
Director:Rhonda Boger-Linder, AIA
Director: Doug Canright, AIA
Associate
Director: Carol Sundstrom, Assoc. AIA
Public Director:Lynn Ellen Braley, ASID
Public Director:Quinn Peitz, AICP
Executive Director Local Chapters:Susan Buchanan, CMP

uring the Summer of 2000 a well-attended AIA Colorado South Chapter Past Presidents luncheon was held. Each past president was asked to answer two questions, "What was best about your presidency and what are your recommendations to the current Board?"

Although the answers to these questions were varied, there were four common statements from several of the Past Presidents. Those statements were:

- Non-member architects' involvement in the AIA
- ♦ Varied Programs
- Public awareness of the architectural profession
- Public involvement in the architectural profession

Stemming from this insightful luncheon, the South Chapter Board met to analyze the issues that were discussed. It was concluded that providing interesting programs alone would not address all of the issues. The Board unanimously decided to contact a public relations firm that, we hope, will provide insight into the issues that need to be addressed. Subsequently, a "brainstorming" session is scheduled in the near future with the Muir Agency to discuss the issues from the past presidents' luncheon.

More information on the recommendations from the Muir Agency will follow in a subsequent newsletter.

NEW MEMBERS

Tera L. Kane-Schmidt, Assoc. AIA

Stephen L. Logan, Assoc. AIA Louden-Ford Office Interiors & Assoc



HOLIDAY AWARD GALA

The AIA Colorado South
Chapter is hosting the Annual
Holiday Gala and Awards
Ceremony on Friday the 1st
of December. The historic
Briarhurst Manor Inn in
Manitou Springs, Colorado is
the location. A social hour at
6:30 will begin the evening,
followed by dinner. Please
watch your mailbox for more
detailed information.

VALUATION OF A BUSINESS INTEREST

—William Magnusson, PA, Jacquelyn Baker, Assoc. AIA Berkshire Financial Groups

decedent's interest in a closely held business must be valued for Federal Estate Tax purposes. The value is the "fair market value," which is defined as "the price at which the property would change hands between a willing buyer and a willing seller, neither being under compulsion to buy or sell, and both having reasonable knowledge of the relevant facts."

For the purpose of retirement, disability and death, business owners should have an agreed-upon formula to be used to determine the value of the interests of the business.

Several factors are considered when determining fair market value, including:

- General nature of the business
- History of operations
- Company's book value/net worth (assets-liabilities), including goodwill and other intangible assets
- Prospective earning capacity
- Dividend paying ability (not the company's history of dividends)
- Economic outlook for businesses in genera, and this industry and this business in particular

- Degree of control of the business presented by the interest to be valued. A controlling interest may result in a "control premium," and a minority interest may result in a "minority discount"
- Value of interest in same or similar line of business that is publicly traded, including consideration of size of prior sale of this business's interests

Because a taxpayer's valuation may differ greatly from the value determined by the Internal Revenue Service, the taxpayer is advised to attempt to "peg" the value of the business for tax purposes by entering into a valid, binding buy/sell agreement during life.

Business interests will be valued without regard to any agreement unless the agreement is a bona fide business arrangement, is not a device to transfer the property to members of the decedent's family for less than full or adequate consideration in money or money's worth, and has terms comparable to those entered into by persons in an arm's length transaction.

The estate must be obligated to sell at death; the price must be fixed by the

Where have you been?

-Marvin Maples

The South Chapter Programs Committee is very concerned. We have hosted four very fine events over the last couple of months and have had very little attendance. Two years ago when I took over as Chapter President, one of the first things I did was to talk to the membership about what they wanted. The overwhelming answer was better programs that did not cost additional money. Since that time we have provided opportunities to attend numerous events at either no cost or minimal cost to the membership. Even at this, there is still little attendance at the programs. I am curious as to why. The Programs Committee spends many hours of our own time arranging for these events, on your behalf. If there is not going to be any more interest from the membership, I would like to know. Because we, like you, have other things we could be spending our time on. Feel free to e-mail me at rcktmn@attglobal.net with your input. We obviously are not providing the types of programs the membership is interested in attending. What exactly do you all want?

terms of the agreement, or the agreement must contain a formula or method for determining the price; the agreement must prohibit the owner from disposing of his interest during life without first offering it to the other party or parties at no more than the contract price; and the price must be fair and adequate when the agreement is made.

William Magnusson, PA, and Jacquelyn Baker, Assoc. AIA, are with Berkshire Financial Group. The phone number is 303.221.2100 x230.

DENVER PASSES NEW SMALL BUSINESS ORDINANCE

- Teresa Brashear

n Monday, August 7, 2000, the Denver City Council passed the Small Business Enterprise (SBE) Ordinance 623. The goal of this ordinance is to increase opportunities for small business in the City of Denver's construction, remodeling, and professional design industries. The ordinance seeks to re-establish Denver's commitment to its citizens and local small businesses.

A Small Business Enterprise Task Force was created to develop a process of providing opportunities for small businesses on city construction projects. The task force's mission is to recommend a raceand gender-neutral program to increase opportunities for participation of small businesses for city construction projects.

"With millions of dollars in city bondfunded and general construction projects planned in the coming years, it became imperative that we work to open up opportunities for small business to compete for city work," said Councilwoman Debra Ortega, Small Business Enterprise Task Force co-chair. "Our recommendation is to establish a goals program to involve as many small businesses as possible on city construction projects," said Ronald Norby, SBE Task Force co-chair and vice president of Hensel Phelps Construction Co.

According to recent statistics, approximately half of all people employed in the Denver metro are employed by a small business. "The success of any community's small businesses is important to its overall economy," said Denver's Mayor Wellington Webb. "Seventy-one percent of all businesses in the City and County of Denver have four employees or less and gross revenues of \$1 million or less. The City of Denver is in a position to create important economic incentives to use small businesses. Therefore, this SBE program is good for Denver business. What's good for small business in Denver, is good for Denver's citizens.

And what's good for Denver's citizens is good for Denver."

The new SBE program operates similarly to the City of Denver's previous construction ordinances. It is a goals program, which means a goals committee (made up of members of the contracting community) will evaluate all city construction projects for a "goals assignment." A goals assignment is the percentage of participation that the committee feels is a reasonable amount of subcontracting opportunity available through certified SBE firms.

The success of any community's small businesses is important to its overall economy

—Denver Mayor Wellington Webb

Once goals have been assigned, any prime contractor bidding a project has two options: bid the project having achieved the SBE goal assignment for subcontract work; or submit a good-faith effort if the prime was unable to meet the goal.

The good-faith effort is a prime contractor's documentation of efforts made to solicit and use SBE bids for its overall bid. Each requirement for the good faith effort is published in the bid document, available on the City's Web site www.denvergov.org, or can be found in the City's rules and regulations. This information is also provided at the prebids scheduled for the individual projects.

Scan to Bond/Vellum/Mylar

Large Format Color Plotting

Computer Plotting

Specification Books

Color Copies

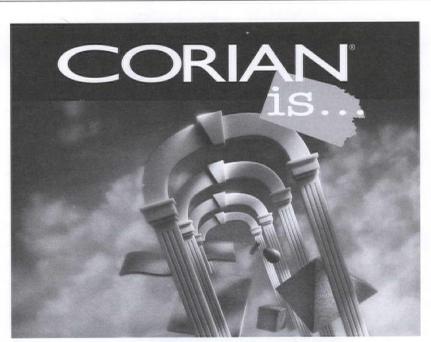
The Mayor's Office of Contract Compliance (MOCC) is the city agency responsible for the implementation of this new ordinance. The agency does this through two separate teams: the compliance unit and the certification unit. The compliance unit's staff is responsible for the evaluation of SBE bids on city projects, and monitoring those bids for ongoing SBE participation throughout the life of the project. The certification unit has the important task of certifying firms as a SBE.

Once certified, the new SBE is added to the MOCC SBE Certification directories. These directories are free to the public and are published once a month. However, new firms continue to be certified daily. The directories are distributed at prebid meetings or can be picked up at the MOCC office.

Currently, MOCC has adopted the definition of "small business" from the criteria of the federal government's Small Business Administration program. Because those standards are fairly large by Denver standards, a study will be undertaken to determine if adjustments need to be made more appropriate for Denver's market.

According to Mayor Webb, the City of Denver remains committed to improving contracting and subcontracting opportunities on all city projects. The new SBE ordinance is the vehicle by which Denver can assist small businesses. It is an ordinance with a vision for the future, a commitment to the citizens of Denver, and a common goal for all: What's good for small businesses in Denver, is good for Denver.

The certification process begins with the submittal of the SBE application to the MOCC office at 216 16th Street, Suite 1550, Denver, CO 80202. Any comments or questions about this certification process can be answered by calling 720.913.1700. The criteria for certification can be found at the MOCC site on the DenverGov Web site.



A great material for...

Partitions

LONG-TERM VALUE

Wall cladding

DURABLE

Work surfaces

INVITING TO THE TOUCH

Windowsills & door frames

COMPATIBLE

Vanities/Surrounds

EASY TO CLEAN

Furniture

VERSATILE

Columns

THERMOFORMABLE

Lighting

TRANSLUCENT

Explore the possibilities...

For more information, current samples, or to arrange for a presentation, please call Todd Bassett with MPI at 303-761-1472, ext 342.

CORIAN°



303-575-6730 875 Delaware Street

Materials specific to the climate and envi-

ronment of the state of Kerala, where most of my research was conducted, include

coconut shells, also used as filler in con-

coconut shell halves), and coir, the fiber

peting. Door and window frames and

from coconuts, which can be used for car-

balustrades can be made of coconut wood.

sees an interesting pattern of empty

crete roof panels (so that one looks up and

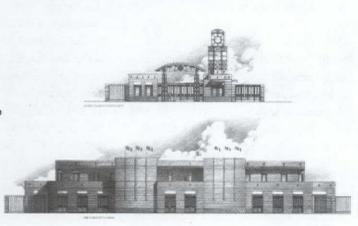
MORE MEMBERS IN THE NEWS...

New ballpark carries on University spirit

he University of California, Irvine hired Sink Combs Dethlefs as the baseball design consultant with the San Diego firm Salerno Livingston to bring baseball back into the University's spirit. The firm designed a 3,000 fixed-seat stadium for the University that is to be completed next year.

The facility will include 1,000 grass berm seats and a press box that meets collegiate and regional and tournament standards. The facility will also include a "Walk of Champions," created to honor great players from all sports—and donors who have helped establish the stadium and the University's athletic traditions.

Press members will enjoy a state-of-theart press box that includes a large writing press area, two television booths, two radio booths, and a scoring/statistician's booth. Visitors to the ballpark will enjoy panoramic views of the coastal foothills.



Ralph D. Hellman joins Acquilano Leslie Incorporated

Ralph D. Hellman has joined the architectural firm of Acquilano Leslie Incorporated as Senior Architect. Mr. Hellman brings 29 years' experience to the firm. He will be focusing on the firm's major interior architectural assignments.

CHITECT 15 × 155 2681 W. Alamo Ave. Littleton, Colorado 80120 303-734-1777 Œ Site Planning • Urban Design • Park Planning & Design

HOUSING IN INDIA, from page 9

Costs and materials

Because labor costs in India are inexpensive compared to material costs, the technologies developed are often laborintensive ones that result in material savings. These technologies show cost savings of 20-40%, compared to conventional construction. Although many of the technologies and materials are specific to a particular place or climate, such as coconut products, the following are popular throughout the country.

Compressed stabilized mud blocks

One or two people use a press that mixes water and soil with a stabilizing agent, such as Portland cement, then creates blocks the size of large bricks. The blocks are up to 30% cheaper than brick, the materials are easy to come by, and the skills needed to make and build with the blocks are straightforward.

Cement is reinforced with steel mesh, and used in configurations where the shape is inherently strong, such as barrel-vaulted roofs. Only one inch or two inches thick, construction with ferrocement requires very little in the way of raw materials.

◆ Terra cotta

These baked earth tiles provide roofing, flooring, and filler pieces for reinforced concrete roof panels (Filler Slabs). As filler pieces, the tiles, visible from below, are placed on the bottom side of the panels between the steel reinforcing, where the steel is in tension and the compressive strength of the concrete is unnecessary.

Fly Ash

A byproduct from power stations, fly ash can be mixed into bricks, cement, and concrete, and also can be made into aggregate.

The flexibility of the program let the building centers act as laboratories, where effective relationships between communities, non-profits, government, and the private sector can be explored and analyzed.

-Amy Hause

Southern India's most prominent architect, Laurie Baker, known for his work in affordable and sustainable housing, popularized the use of "Jalis," a local historical architectural element, as an alternative to conventional windows. A jali is a brick screen wall that provides light and ventilation, while maintaining security, and is a substitute for more costly windows and frames in climates where cross breezes are desirable throughout the year.

It is not surprising that local materials and regional architectural styles emerged in this holistic approach to construction. Environmental considerations, material costs, and the emphasis on local selfreliance all point to this conclusion and best enable local communities to respond to particular problems and needs.

The flexibility of the program let the building centers act as laboratories, where effective relationships between communities, non-profits, government, and the private sector can be explored and analyzed. From a country often criticized for its problems with corruption and lethargic pace of development, such a progressive approach is particularly refreshing.

This research was funded by the Arthur A. and Florence G. Fisher Traveling Scholarship from the Educational Fund of AIA Colorado, awarded to the author in 1997.

An Architect's Timber Framing Partner.



The Cascade Joinery team is ready to be your Heavy Timber Experts.

We provide architects with a collaborative support system for their design as well as structural analysis. For your next Timber Framing project phone us at 360.527.0119 or Email info@cascadejoinery.com.



isit our website at www.cascadejoinerv.com

VOICE FOR INTERNS AND ASSOCIATES

—Becca Freese Langenkamp, Associate AIA

rch Voices is an Internet newsletter dedicated specifically to interns and associates. Located at www.egroups.com/group/archvoices, the newsletter was started in May 1999 to provide national-level information that's pertinent to interns and associates in the profession.

Arch Voices describes itself as an "independent community of architecture students, graduates, and recently licensed architects, gathered together for the purpose of receiving information and giving feedback on national decisions regarding internship and education.

This list was originally formed in response to the lack of intern representation and communication among the organizations that control and affect architecture licensure in the United States and Canada."

Topics in past issues have ranged from NCARB and IDP news, AIA intern/associate committee updates, alternatives in practice and education, the AIA National Convention as it related to interns and associates, information on several scholarship programs, and a young architects design competition to name a few. The articles are brief, yet informative.

Most topics provide links to other Web sites for additional information. To subscribe, go to archvoicessubscribe@egroups.com

Check it out today!

2000 DESIGN CONFERENCE A SUCCESS!

n overwhelming thank you is due to our exhibitors, advertisers and sponsors of the 2000 Design Conference held October 13-14 in Aspen and Snowmass. This design conference would not have been possible without them.

Corinthian - \$5,000

Education Fund of Colorado

Ionic - \$2,500

Haselden
G E Johnson
Turner Construction

Doric - \$1,000

Jirsa Hedrick
M A Mortenson
M-E Engineers
Milender White Construction
MKK Consulting Engineers
Nicholas Construction
Nuszer Kopatz
Palace Construction
Pinkard Construction Company
SA Miro, Inc.
Shaw Construction

Swinerton & Walberg Company Urban Resource Group

Friend - \$500

Abo Copeland Architects
Bennett Wagner Grody Architects
HumphriesPoli Architects
Intergroup
Isabelle
Klipp Colussy Jenks DuBois Architects
RNL Design
Roth + Sheppard Architects
Vaught Frye Architects
Wong Strauch Architects

In-Kind—Immeasurable contribution

Arthouse Design CTS Impact Productions Also a hearty thank you goes out to the 2000 Design Conference Committee. Their dedication to the event ensured its success. AIA Colorado is deeply grateful to the following individuals for all their time and effort:

Martha Bennett, AIA Finance Chair

Craig Rouse, Arthouse Design Graphics Chair



Dennis Humphries, AIA Conference Co-Chair

Richard von Luhrte, FAIA Conference Co-Chair

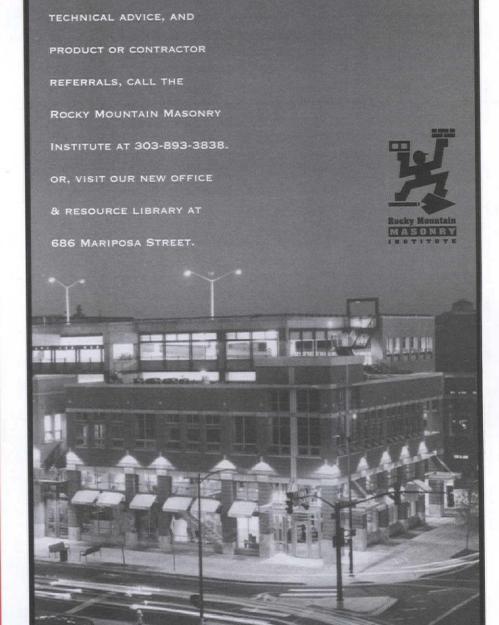
FOR DESIGN INSPIRATION,

Steve Carr, AIA Design Awards Chair

Jam Wong, AIA Exhibitor Chair Donna Loos, Public Relations Chair

Stephen Loos, AIA President

Stefanie Lerner, PA Production Chair



Reaching decision makers is easier than you THINK

Decision makers read *Colorado Architect* every month to stay on top of what makes architects succeed. As an advertiser, that means your sales message is seen time and again by the top architectural decision makers throughout the state. And when they're looking for products or services, they often turn to the newsletter first. After all, they like to support those who support them.

Advertise in

Colorado Architect

Call today

for the best rates on YOUR ad.

202 757 2221

The Newsletter Group,Inc.

Check out our web site at thenewslettergroup.com

TRUSTEES BOARD EXPANDS, WINTER FORUM ON TRACK

—John B Rogers, FAIA, President DFA

the further expansion of the Foundation's Board of
Trustees with Susan Barnes-Gelt, Ted
Halsey, Walter Rosenberry, and Dan
Sweetser accepting our invitation to
serve. Susan has been a very active and
influential member at large of the Denver
City Council since 1995, and now in her
second term, brings to us experience and
public stature. The following is Susan's
statement of her commitment.



Susan Barnes-Gelt

"I love cities and Denver has become a very exciting place. If I were 20-something instead of 50-something, I might choose to be an architect, a developer, a

stone mason, or a landscape gardener. As it is, I am honored to bring my package of skills—the ability to test new ideas, articulate a vision, and build a constituency—as a partner in the most exciting of enterprises: the work of city building."

Ted Halsey, AIA, of Anderson Mason Dale Architects, brings more than 19 years of experience in architecture and interior design. He is currently project director for



Ted Halsey

the new U.S. Courthouse Annex now under construction in downtown Denver. He has been responsible for the planning, design, and production of large and complex projects for public and private clients throughout the U.S. and Canada. Ted graduated with distinction from the University of Kentucky's College of Architecture, and his undergraduate work was in Purdue University's College of Architecture Technology. Ted is committed to the visionary role that architecture and urban design contribute to Denver's evolving urban condition and its livability.

Walter Rosenberry has been in education as a teacher in both the Hawaii Preparatory Academy and Kent Denver. He has served on boards at Children's Hospital, the Denver Art Museum, Graland School, St. Anne's School, the Weyerhaeuser Foundation, and currently is chair of the Laura Jane Musser (501c3) Fund. Walter will bring to our Trustees broad experience in developing and growing the Denver Foundation for Architecture, along with expertise in grant development for funding.

DENVER FOUNDATION

FOR ARCHITECTURE

Dan Sweetser, partner, of the law firm
Robinson Waters
and O'Dorisio, has been very active in the development of LoDo. Dan has developed both a

litigation and transactional practice. He represented the Denver Metropolitan Major League Baseball Stadium District in real estate and business matters related to the construction of Coors Field. He currently represents the Denver Broncos in many real estate and business matters related to the construction of the new NFL football stadium. Dan has also worked in public education issues since 1992, and in adoption issues since 1990. He is an adjunct professor of Business Law at Metropolitan State College of Denver. His experience and networks augment other members of the Board.

Following the fall Design Awards
Programs for AIA Denver, AIA Colorado, and the Western Mountain Region
Conference in Sun Valley, the Foundation will arrange tours of these completed award-winning buildings with the design architects over the next few months. This is a unique opportunity to both hear and see the design philosophy and its execution, continuing our mission to "enhance the public understanding of the impact of architecture on the quality of life." When these tours are scheduled, they will be

announced on the Foundation's Web page, www.aiacolorado.org/dfa.html

The planning for the Foundation's

winter forum is underway and the featured speaker will be Peter Calthorpe, AIA, author of the popular book *New Urbanism*.

Peter has been retained by Forest City, the master developer for the redevelopment of

Stapleton Airport, and has been instrumental in developing the master plan following the guidelines of the Green Book (the Stapleton Development Plan, which has been endorsed by City

Council). The concepts and philosophy of new urbanism are very important to Stapleton's redevelopment and will be of interest to the general public, as well as architects, engineers, planners, and developers. This forum with Peter Calthorpe, is scheduled for February 22, 2001 at 7:30 p.m. Watch the Web site for continuing developments of this forum and more details.

We are pleased to welcome our new trustees, Susan Barnes-Gelt, Ted Halsey, Walter Rosenberry, and Dan Sweetser.

Denver Foundation for Architecture P.O. Box 481882 Denver, CO 80248 303.779.9193 E-mail: denverfdnarch@aol.com www.aiacolorado.org/dfa.html

THE STATE OF THE ART IN CERAMIC TILE AND STONE



Tile and Stone

FOR OVER TWENTY YEARS,

CAPCO HAS IMPORTED SUPERIOR CERAMIC TILE

FROM THE FINEST MANUFACTURERS OF ITALY

AND AROUND THE WORLD INCLUDING

TAGINA, REX, GRANITIFIANDRE, IMOLAGRES, IMOLA, LAUFEN,

SICHENIA, CITY, LATCO, SUMMITVILLE, AND MORE.

NOW CAPCO IS COLORADO'S SOURCE FOR NATURAL STONE.

CAPCO STOCKS AND DISTRIBUTES A WIDE ARRAY OF

GRANITE, MARBLE, LIMESTONE, AND SLATE

IN BOTH TILES AND SLABS. MAKE CAPCO

THE ONE-STOP SOLUTION TO YOUR TILE AND STONE NEEDS.

CAPCO PROVIDES ARCHITECTS AND DESIGNERS
WITH A SINGLE SOURCE FOR PRODUCT INFORMATION AND
INDUSTRY SPECIFICATIONS IN EACH OF OUR LOCATIONS.

1-800-727-2272

www.capcotile.com

DENVER · BOULDER · COLORADO SPRINGS · FORT COLLINS
BASALT · AVON · GRAND JUNCTION · SILVERTHORNE · LAS VEGAS, NEVADA





n June, Karen Harris, AIA, a member of the AIA Colorado Government Affairs Committee, attended the AIA State Government Network (SGN) Roundtable on 2000 State Government Affairs Activities. The SGN Roundtable offers a more global perspective of issues affecting architects. The meeting provides state government affairs interest groups with information regarding current state issues and creates an educational forum for legislative and political concerns.

Karen brought back a notebook stuffed with a wealth of information. The two ssues currently relevant to Colorado rchitects are the licensure of interior lesigners and the Colorado Constitution Amendment #24, the citizen-managed growth initiative.

The SGN provides a survey of 2000 State egislative activity priorities. California's op issues were cited as interior design, copyright protection for school archiects, and livable communities; while New Mexico's livable communities and statewide building code issues topped the list of priorities. There is much common ground across AIA state chapters regarding issues that affect us today as architects.

Interior Designer Licensure

An interior design title certification bill recently died in the Kentucky House Appropriations and Revenue Committee after receiving initial approval from the House Licensing and Occupations Committee. AIA Kentucky worked with interior designers to draft a bill that met much of the AIA's criteria for title regis-

Interior designers in Massachusetts are drafting a practice act. The AIA has received several drafts of the proposed legislation and so far, the drafts violate AIA's current licensing policy on practice regulations. The same is true regarding New Jersey—interior designers there propose to introduce a title certification bill. The New Jersey AIA State and Local Affairs Committee reviewed the proposal and found the draft to contain many practice elements that violate current AIA title policy.

Interior designers successfully amended the Georgia Architecture Licensing statutes to allow interior designers to obtain permits for "non-load-bearing" interior design construction to existing buildings without the stamp of an

INTERIOR DESIGN LICENSURE TOPS COLORADO'S LEGISLATIVE ACTIVITY LIST —Mary Follenweider, AIA, GAC Chair

architect or engineer. In addition, the name of the Georgia State Board of Architects was changed to the Georgia State Board of Architects and Interior Design, with interior design representatives having voting rights on all issues.

The two issues currently relevant to Colorado architects are the licensure of interior designers and the Colorado Constitution Amendment #24, the citizenmanaged growth initiative.

Livable Communities

Last year, of 1,000 pieces that were introduced in state legislatures, 200 growth-related legislation bills passed. Key landuse issues center on finding an acceptable balance of power, while promoting economic development in the growth management process.

- Delaware established an Office of Planning Management and Coordination.
- ◆ The Ohio House of Representatives voted to put a \$400 million brown fields cleanup and open space preservation bond on the November ballot. Last year, Ohio, Montana, North Carolina, and Utah joined 15 other states with already-established, statewide programs permitting public institutions to protect farmland.
- ◆ Illinois created the Illinois Growth Task Force to hold public hearings and make recommendations regarding land-use, housing, and transportation priorities with consideration for preserving open space, farmland, and natural areas.

CLASSIFIEDS

PLOTTER FOR SALE: HP Designjet 450C, 36," color, roll feed, stand, brand new \$2,400.00. AutoCad 2000, \$2,000.00 719-475-2421.

THE COLLEGE OF ARCHITECTURE AND PLANNING AT THE UNIVERSITY OF COLORADO AT DENVER

invites applications and nominations for two faculty positions:

- ARCHITECTURE AND LAND-SCAPE ARCHITECTURE OR URBAN DESIGN: Assistant Professor (tenure track) or Associate Professor (with tenure). Teaching primarily in computer supported design studios in architecture, landscape architecture, urban design.
- URBAN & REGIONAL PLAN-NING: Assistant Professor (tenure track) or Associate Professor (with tenure). Applicants must hold Ph.D. and have record of research/successful teaching at graduate level. Position includes participation in College's new Ph.D. Program in Design & Planning.

For advertisements/application information, visit:

http://carbon.cudenver.edu/public/AandP

CONVENTION 2001... VOLUNTEER TO VOLUNTEER!

-Sonia Q. Riggs, 2001 Convention Manager

osting a convention is a big job! Lots of people are donating their time by actively participating on one or more of the convention committees to help make next year's conference the best ever. It's going to take a lot of effort to keep up the pace after the conference in Philadelphia.

If you aren't able to donate time on a committee, there are other ways you can show your support. The Volunteer Committee is compiling a list of people willing to help for two to five hours at a time during the convention. Volunteers will be needed to take tickets for tours and events, direct people, distribute information, answer questions, stock the gift store, register runners at the 5K race, and much more.

Getting involved with the 2001 Convention is a fun way to meet your peers in the industry and show your support for AIA Colorado. If you have questions about this or other ways to get involved with the convention, or would like to add your name to the volunteer list, please contact me.

Sonia Riggs is the 2001 Convention Manager for AIA Colorado. You may reach her at the AIA Office, 1515 Arapahoe St. #1-110, Denver, CO 80202, 303.446.2266, sonia@aiacolorado.org



NOVEMBER EVENTS

		weamesday	Inursaay	Friday	Saturday
		Noon Cte. On the Environment	2 4 p.m. Denver Chapter Roard of Diseases	3 7:15 a.m. Breakfast	4 5 Sunday
For more inform events, call AIA Co unless oti	For more information on any of these events, call AIA Colorado at 800.628.5598, unless otherwise noted.	AIA Office	AlA Office	Seminar #4, AGC Mtg. Rm.	1 p.m. DAM/Architecture Lecture
10	7 Election Day	8 7 a.m. South Chapter Board of Directors	6	10 7:15 a.m. Breakfast Seminar #5, AGC Mtg. Rm. Noon Govt. Affairs Cte., AIA Office	1
13 Noon DFA,	14	15 7:30 a.m.	16	17 7:15 a.m.	18
AIA Office		◆ 7 p.m. Sarah Susanka Lecture, DAC		breakfast Seminar #6, AGC Mtg. Rm. 11 a.m. Editorial Board 2 p.m. AIA Colorado BOD 6 p.m. North	
20	21 7:30 a.m.	22	23 Thanksgiving	Awards Gala 24 Offices Closed	25
	AlA Office 3 p.m. North Chapter Board of Directors	29 January newsletter deadline	30 7:30 a.m. Historic Preservation Cte.		

GALLERY EXHIBITS

Through November 15

Fairview Elementary Exhibit

- Special award winners at the Colorado Design Conference

Colorado Architect 1515 Arapahoe St. One Park Central

New Board of Directors announced

DECEMBER HIGHLIGHTS

Denver, CO 80202

Suite 110

- 1 South Awards Gala
- 15 AIA Colorado Holiday Party

- Coming in the December Colorado Architect:

COLOTADO ARCHITE

A PUBLICATION OF AIA COLORADO

NOVEMBER 2000

RESIDENTIAL ARCHITECT TO LECTURE

> Summit 2000 Conference



Ten Shades of Green



Selling Sustainability

PAGE 5



Low-cost housing



PAGE 9

conversation. More people are realizing the unique position architecture has in our daily lives. changing. From Mario Botta, to Daniel Libeskind and others, residents of Denver and Colorado are Not long ago, it would have been unheard of to beginning to open up to this industry we share. beginning to become part of the everyday see a full-page article on an architect in a local newspaper. Recently however, that has been



2000), highlighting her recent publications. As luck would have it, AIA Denver and Historic Denver were already in the planning stages to present her lecture One architect receiving recent exposure is Sarah Susanka. (Denver Rocky Mountain News, September 24, 2000 and The Denver Post, September 30, on November 15.

Join AIA Denver and Historic Denver as we bring the best-selling author of The Not So Big House and Creating the Not so Big House to the Denver Athletic Club on November 15. Ms. Susanka will discuss her books and encourage architects to focus on improving the quality of design and developing alternatives to the "starter castle" mentality of current suburban development.

public. The special patron reception offers the opportunity to meet Ms. Susanka beginning at 5:30 p,m. General admission cost is \$15 for members, \$20 general The lecture begins at 7 p.m. on November 15, with a private patron reception Historic Denver's reservation line to reserve your spot. 303.534.5228 ext 16. and includes a copy of her book. Cost for the patron reception is \$75. Call

AIA Denver & Historic Denver thank the initial sponsors of this event: Silver Sponsors:

Arlo Braun & Assoc. Bronze Sponsors: Doug Walters Architects

OZ Architects

Council of Professional Remodelers Michael Barber Architecture Virginia DuBrucq, AIA Michael Murphy, AIA Kephart Architects