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OCTOBER 2000

ALTERNATIVE CAREERS IN ARCHITECTURE

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Both new graduates in architecture and those who have established a career in architecture are choosing alternative career paths. In a recent AIA Architect article, Michael Stanton, FAIA, discusses architects who have chosen non-traditional career paths. He believes that these individuals enrich the profession, and that the AIA membership structure should reflect the nature of modern practice.

Throughout this issue, we will explore alternative careers of our members and colleagues. Following are profiles of architects and the alternative careers that they have created.

John McCauley is an architect who has been an owner's representative and construction manager for 13 years. Before that, he practiced as an architect for 25 years. His work as an owner's representative has included projects such as Denver Zoo, Colorado Convention Center, The Denver Central Library, The Colorado Ocean Journey Aquarium, and the Mayer residence in Lower Downtown Denver.

How did you make the transition from architecture into your current career?

I made the transition from architectural practice into being an owner's representative because I saw an opportunity to be involved in the early conceptual phases of a project all the way through construction and post-construction occupancy. I wanted to work with owners who had large and challenging work, but no staff with the proper experience to manage such projects.

This new career path gave me the opportunity to draw on my earlier design and construction experience, to aid owners who had no other source of in-house staff experience, on once-in-a-lifetime projects. I made this transition because I really enjoyed the entire process of making a project successful, rather than confining myself just to the design of projects; that always seemed somewhat limiting.

How does your background in architecture influence your current work?

My architectural background gave me the discipline to view a project in a holistic sense. As a generalist, an architect can picture a project and all of its components

in a way that specialists don't get to experience. My earlier experiences as an architect helped me better understand the dynamics between all the team players that make up a successful project.

I really think that the direction for architecture in the future needs more people who have experience on the construction and development end of the business. During the Middle Ages, for instance, there was no division between designers and builders. There were master builders who understood all the design, development, engineering, and construction disciplines necessary to execute huge projects. We've become almost too specialized in the past 30 years; fewer and fewer architects truly understand or have experienced the entire development of a project. I therefore believe that by branching out the traditional architectural role, we can educate the general public as to the value of all the different players who make up a successful project.

What are your thoughts on the future related to alternative careers connected to architecture?

[See CAREERS on page 5]

Colorado's Amendment 24: RIGHT PROBLEM, WRONG SOLUTION?

— Joseph M. Jackson, Assoc. AIA,
Executive Vice President, AIA Colorado

In my nearly five years as chief of staff for AIA Colorado, I can honestly say that I've never received so many calls of alarm from the membership-at-large about any legislative issue—not even when we faced the possible sunset of the Colorado architect's license law—as I have on the upcoming citizen's initiative on growth. I don't think a day has gone by in the last month and a half that I haven't received at least one phone call about this critical issue, with most members wondering what position AIA Colorado has taken—and with the overwhelming majority encouraging us to oppose the amendment.

PRO Responsible Growth Initiative Good for Colorado

—Andy Schultheiss, Regional Director, League of Conservation Voters Education Fund

Most Coloradoans don't need to be told that growth in their state has gotten out of control. The numbers bear it out:

- ◆ The population has quadrupled since the '40s, with another doubling expected by 2020.
- ◆ We lose about ten acres of open space every hour, and thousands of acres of farm and ranch land every year.
- ◆ Every statewide survey conducted in

the past year has ranked sprawl and growth as one of the top issues facing the state, often the top issue.

The impacts of growth are much greater than these statistics alone. Our highways have gotten nearly as congested as L.A.'s, and our smog problem is now among the worst in the nation. Rural sprawl has reached epidemic proportions. New developments spring up seemingly out of the thin air from the Rockies, and many residents fear that this growth is occurring randomly, without thought for the Colorado they love, or the Colorado they want to leave to their children. In fact, they are right.

[See PRO on page 15]

CON Colorado's Amendment 24: "the Mismanagement of Growth Initiative"

— Chris Paulson, Coloradoans for Responsible Reform 200

On November 7, Colorado voters will consider Amendment 24, a proposed amendment to Colorado's Constitution—and one of the most far-reaching measures ever considered. If passed, this 2,300-word addition to the Constitution will permanently force a "one-size-fits-all" set of complex procedures and place a straightjacket on future economic development in Colorado. The proponents promote Amendment 24 as a way to "control growth" on a statewide basis,

but the consequences of Amendment 24 include pushing sprawl into outlying areas, forcing infill construction in already crowded communities, and increasing the costs of government and housing.

Amendment 24 requires local governments to "plan growth" by drawing a circle around our cities and counties. After that, Colorado cannot build another road, another school, house, office, or shopping facility outside of any "circle" without the approval of all neighboring city councils, county commissioners, and voters inside and outside of the "circle."

[See CON on page 15]



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OCTOBER POLITICS

I'm writing this not too long after the Republican and Democratic National conventions. I don't know; maybe it's just that there is nothing like two solid weeks of carefully rehearsed and choreographed political non-events to get my activism all stirred up, but I seem to be immersed in things political going into the fall. Someone said that "all politics is local," and this year I think we have a whopper of an important local issue.

Before I get on my soap box, I'd like to take this opportunity to applaud the activities of one of our own.

Julia Anne Donoho, AIA, AIA Colorado West Chapter; of Pagosa Springs, is running as a candidate for County Commissioner of Archuleta County! Julia has perceived that Archuleta County is growing at a pace that truly threatens both the quality of life in the region and the beautiful, natural environment.

There is no zoning in place and not much evidence of local vision or leadership to counteract runaway sprawl. Julia has identified the problems and has proactively participated with surveys and workshops directed at testing the level of popular support for planning and sound growth management. The encouraging results have led her to throw her hat into the ring for the first time. We wish her well in her campaign!

Perhaps Julia isn't the only AIA member out there becoming involved through political action. If you yourself or another member you know is active in this arena, please consider this publication as a means of getting the word out. While AIA Colorado and its local chapters cannot endorse political candidates, we can certainly inform our membership of such laudable efforts.

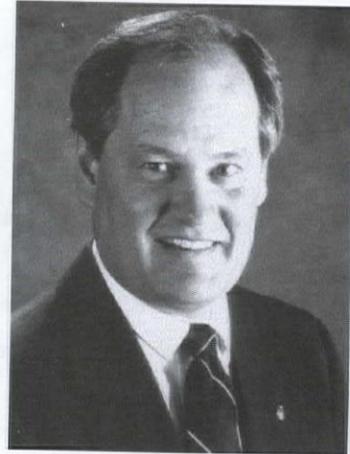
Now, with your indulgence, I'm also going to use this chance to voice some concerns about a very important Front Range issue. On page 1, you will find a balanced presentation from the AIA Colorado Government Affairs Committee on the pros and cons relating to State Constitutional Amendment 24—the so-called, state-wide growth initiative that has received so much attention this summer.

You will also read that the Government Affairs Committee authored a recommendation to the AIA Colorado Board of Directors to oppose passage of the amendment—a recommendation which was accepted and approved by the Board at its August meeting. As this might seem to be an odd position for us to take, I want to provide you with some background on this important decision.

Right problem, wrong solution

Endorsed by the Sierra Club, the local Chapter of the American Planning Association, and others, and taken up as a cause by luminaries such as photographer John Fielder, Amendment 24 has come along in large measure as a response to the our state legislature's disappointing failure to deal with the issue of growth in any meaningful way. While I share the disappointment, I am concerned that this is the right problem with the wrong solution.

The Amendment is structured as a constitutional amendment, rather than as a law and contains as one of its primary "planks" the concept of "citizen-approved growth." It is an amendment, rather than a law because home rule would allow local jurisdictions to exempt themselves from compliance with a law of this type, and secondly, a law could be altered at a later date by the



—Stephen Loos, AIA President, AIA Colorado

legislature. In other words, the amendment is an amendment precisely so that we will be stuck with its implementation—regardless of its success or failure in effectively dealing with growth problems. This is a very big idea and to have it so solidly cast in legislative concrete without any idea of its real effectiveness is pretty scary.

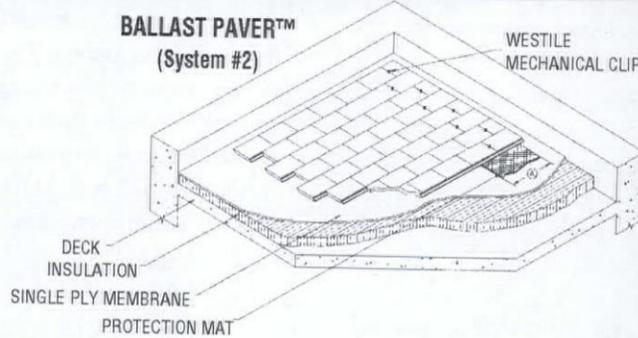
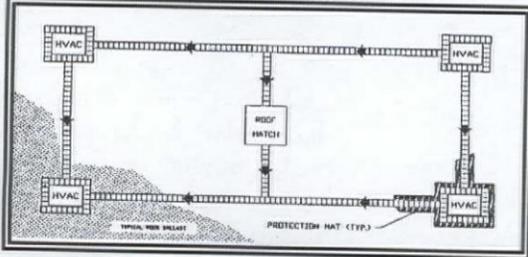
The new concept that has received so much attention is the "citizen-approved growth" approach to planning through referendum. According to the amendment, the electorate will have the opportunity to vote on and to approve local "master plans" for growth at election time in November and will be able to amend these plans through additional votes on subsequent November elections or through special referendums.

Now, I regard myself as a reasonably well-informed member of the electorate and as a knowledgeable professional on planning issues. The thought of trying to wade through the inevitable pile of complicated explanations and land use maps that will accompany every local referendum is enough to give me the jitters.

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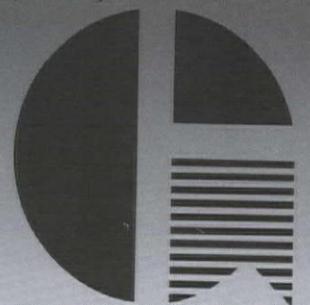
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AND THE KITCHEN SINK TOO!

Those of us who deal with planning issues know how complicated they can be. I'm quite confident that the issues will be either incomprehensible due to their complexity or reduced to an inappropriate simplicity. Either way, the important planning decisions are terribly short changed.

I could go on because there are so many things that bother me about this particular piece of legislation, but I think you see that this is a big deal which could have very far-reaching implications. Indeed, I believe its passage could hamstring effective growth management legislation in this state for the foreseeable future. Don't get me wrong. The problem of growth is a real one for this state. This just isn't the right way to tackle it. Right problem, wrong solution.

In concluding its decision to oppose the amendment, the AIA Colorado Board also pledged itself to being an active participant in finding the right solution. Who has a better shot at getting it right?

Just before our one-year anniversary in our new space in the Park Central building, AIA Colorado has finally finished moving in! A hearty **Thank You** is extended from the Board and staff of AIA to all the people who contributed to making this a showcase of fine workmanship and design. It has been a pleasure working with all of these companies during the past year. Without their dedication and team spirit, the new location would never have been the showpiece it is.

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Interior of the AIA Colorado office



A thankful staff from left: Carolyn Livingston, Susan Buchanan Taryn Jensen, Joseph Jackson, Anna Flores, Sonia Riggs, and Carmen Jaeger

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Article correction

In the August edition of *Colorado Architect*, an article titled "The Path to Fellowship" contained a small error. A statement in the article indicated that the nominees' sponsor must be a member of the College of Fellows. There is no requirement that a sponsor be a fellow. It is much more appropriate that the sponsor know the nominee well and can articulate the nominee's accomplishments than to be a fellow.

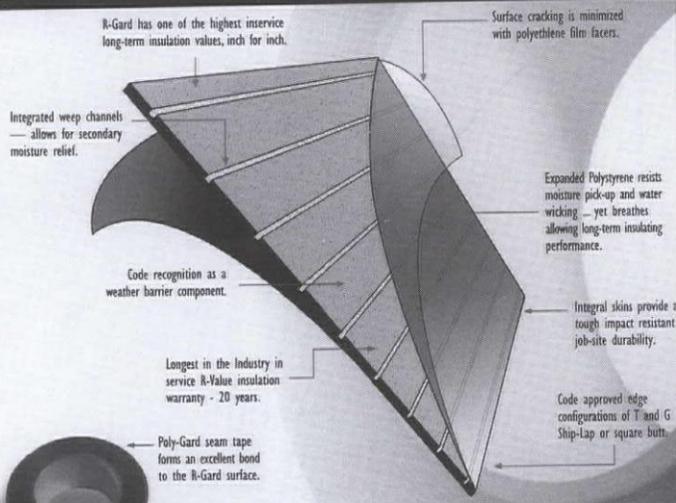
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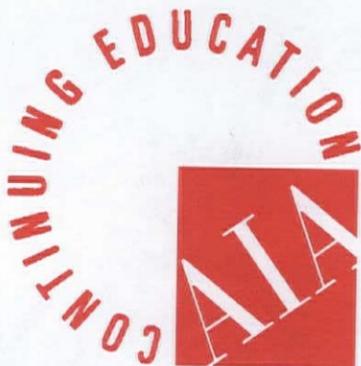
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CONTINUING EDUCATION & OTHER EVENTS

Fall Breakfast Series

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With substantially increased attendance, the AIA Denver chapter researched larger spaces to meet demand. This fall, the series moves to the Education Center of the AGC (686 Mariposa), on Friday mornings at 7:15.

- Oct. 6 Graphic Design and Architecture
- Oct. 20 Landscape Design and Architecture
- Oct. 27 Art and Architecture
- Nov. 3 Urban Design and Architecture
- Nov. 10 Interior Design and Architecture
- Nov. 17 Industrial/Exhibit Design and Architecture

Note: October 13 is skipped—the AIA Colorado Design Conference takes place that weekend in Aspen (which is also on your calendar, right?).

The fall series is co-chaired by Jim Leggitt, AIA, of RNL Design and Rick Petersen, AIA, of OZ Architecture. Questions? Call Susan Buchanan at 303.446.2266.

SMPS Fall Education Series

September 6 – November 29

Attention architectural marketers! The Society for Marketing Professional Services has created a marketing education series of workshops designed around computer knowledge and design. Nine workshops addressing everything from using Microsoft Word to using Quark and Adobe Photoshop will provide basic and in-depth information on using these programs as marketing tools. Two other topics that will be addressed is working with a printer and marketing on the Internet. There are various fees for

each workshop, depending upon membership status. For more information, contact the AIA Office at 303.446.2266. Remaining schedule:

- October 4 9 a.m.–4 p.m.
Getting the Most out of Quark Xpress
- October 18 9 a.m.–4 p.m.
Learn from the Printing Experts
- 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

Design/Build Roundtable

Case study: West End Lofts in LoDo
October 19

The West End Lofts project is an adaptive reuse and addition to a historic warehouse located at Wazee and 15th Street, within the Lower Downtown Historic District. In addition to the renovation of three floors, two levels will be added, and parking will be provided above grade. A mix of uses will be provided to better reinforce the pedestrian character of the area, and will include commercial space on the first floor, resident lofts on the upper levels, and parking will be provided below the building.

Realarchitecture and Loup Construction will discuss both the design and construction of this well-known project. Come see how the building's existing international and art deco styles of cast-in-place concrete and blond brick have been referenced by the new pallet of materials, and how the additions to the building ensure the original building—built in 1928—remains a dominant feature. This project is sure to aesthetically, functionally, and economically contribute to the Lower Downtown Historic District.

The roundtable will be held at the Denver Design Center, 595 S. Broadway, with a light breakfast served at 7:00 am. RSVP to the AIA Office at 303.446.2266.

Modern Architecture in the 20th Century

Sundays at the Denver Art Museum
A new lecture series for fall begins

October 8, with the antecedents of Frank Lloyd Wright—namely H.H. Richardson and Louis Sullivan—and how they influenced Wright in his design and philosophy. The second lecture on October 22 will explore the Bauhaus Movement and the International Style in both Europe and America, with designers such as Gropius, Mies, and Corbusier. The series' third discussion on October 29, will concentrate on the masterpieces of the mid-century masters, Louis Kahn and Alvar Aalto. The concluding lecture on November 5, will examine a small "sliver" of Post and Late-Modernism, with notables such as Renzo Piano, Norman Foster, Frank Gehry, and Santiago Calatrava. Each session qualifies for 1.5 CES credits.

Please come and join us on Sunday afternoons from 1:00-2:30 p.m. and discover the enormous diversity of architecture in the 20th Century. Space is limited to 65 participants. Cost is \$45 for DAM members/\$55 for non-members. RSVP to 720.913.0048.

Project Delivery Seminar for Owners

October 26

This FREE seminar, provided by the AIA/AGC/ACEC Liaison committee, has been tailored specifically for owners of both

public and private projects interested in working with architects, engineers and contractors that use Design/Bid/ Build, CM/GC at Risk, and Design/Build project delivery methods—the predominate project delivery methods used today. Qualified professionals will present an unbiased view regarding each delivery method to present a clear and simple comparison of the methods. Processes that can be used with each of these delivery methods will also be discussed, and include value-based delivery systems, partnering, and alternate dispute resolution.

The event takes place at the Lakewood Country Club, 6800 West 10th Avenue. Registration begins at 8:00 a.m. and the program ends at noon. To RSVP or for questions, contact ACEC Colorado 303.832.2200.

Sarah Susanka

November 15

AIA Denver and Historic Denver are teaming up to bring noted architect and author Sarah Susanka to Denver for a special presentation. She will be commenting on her best-selling book, *The Not So Big House*. The lecture will be held at the Denver Athletic Club at 7 p.m. on November 15. Cost: \$15 for members, \$20 general public. Call the AIA office for more information

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[CAREERS, from page 1]

In the future, we will see even more diversification within the design and construction community. The lines between architect/contractor/developer and owner are getting more blurred. Technology is going to put pressure on us to develop projects faster, as the cost of work and land becomes more expensive.

The successful firms of the future will therefore be the ones who can react more quickly to these new technical pressures and developments, and assemble projects from design through construction in a more cost-effective manner. This leads me to believe that those who are cross-trained and experienced in the greater areas of the entire spectrum of design and construction and development disciplines will be better suited to manage the work of the future.

Don Slack is the Executive Vice President of Westfield Development Co., Inc. He has been at Westfield for three years and is responsible for all physical development, entitlements, infrastructure and the management of all development projects. He received a degree in architecture from the University of Colorado in 1970 and started the architectural firm of Slack Associates in 1978. He remained there through various names changes until 1997 (it was then called SEM Architects) when he left to join Westfield.

Why did you make the transition from Architecture into your current career?
 First of all, I was never a design architect. I was always a planning/developer advocate. The key to my firm's success

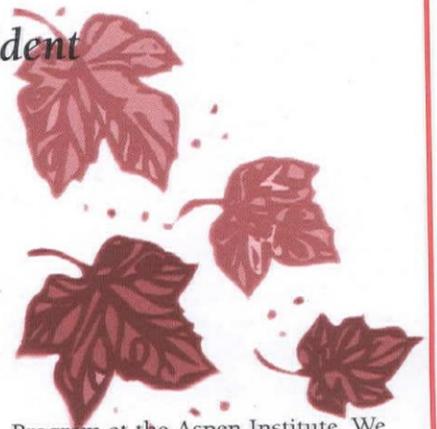
was in part my ability to be a project manager and process projects through the entitlements phase. My skills were focused on the business side of the operation, and I hired good design people. So when Rich McClintock at Westfield (who had been a client of mine for 15 years) offered me a position with his company doing many of the same things I'd always done, only now they would be on the owner's side of the equation, I gladly accepted. It was also a good time for the transition. It allowed me to pass on the architectural firm to deserving individuals there, leaving them with some strong momentum, and presented me with some compelling new challenges. All of the stars were in the right place to move on and it became a win-win for everyone.

What are your views on the architectural profession?

On a more cynical note, architects need all the credibility they can get, and there's certainly not as much credibility in the profession as there could be. The ability to use our architectural skills in a variety of ways, including outside of architecture, gives the profession more credibility. I never wanted to be an architect who was superfluous and just drew pretty pictures. Having some career flexibility and other places to successfully use our skills helps architects understand that we don't have to settle for just drawing pretty pictures. We can be more than that.

Eileen March, Associate AIA, The Research Studio and Mark Shaw, Editor of Colorado Construction and The Daily Journal contributed to this article.

Note from the President
AUTUMN!



What usually boosts my spirits in autumn, is that it is a very busy time of the year for AIA Colorado. I like to think of it as "GALA TIME" - the opportunity for us all to gather for awards presentations, design conferences, food, and seeing old friends. This year appears to have an especially rich "Gala Time" under development. All of the local chapters are already hard at work making plans and getting ready. I hope you will give them all your hearty support.

Program at the Aspen Institute. We will precede this event with my President's Reception to make sure that everyone is in a party mood.

Then on Friday, the AIA Colorado Gala takes place in the beautiful Hotel Jerome. You know you don't want to miss any of the conference so you might as well knock off early on Thursday and drive over to Aspen in time for the President's Reception (6:00 p.m.)

I'm already guilty of hyping this year's Design Conference in Aspen pretty hard. In past issues, I've told you a bit about the conference theme and our much sought-after guest speakers. This month, you can read about our speakers on the front cover of the newsletter. Jim Cramer, Robert Wyatt, Steve Halverson, David Manfredi, and John Fielder - what a group!

We look forward to some discussion throughout the weekend that will send you on your way with your head spinning a bit. What better way to end up two (maybe three if you can stretch things into Sunday) perfect days in Aspen? We hope you can't wait!

This Design Conference is not just about keynote speakers, however. Thursday night, the AIA West Chapter will hold its Annual Design

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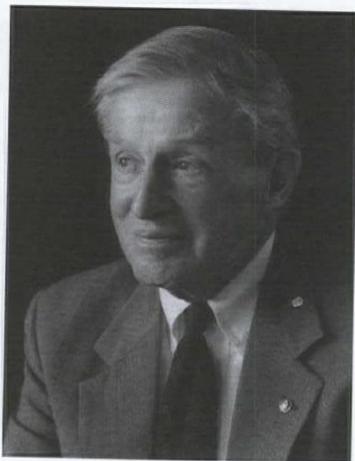
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JOHN D. ANDERSON RECEIVES THE CU ALUMNI MACK EASTON AWARD

For the past 40 years, John D. Anderson, FAIA, has been at the center of Denver architecture, moving to preserve Denver's place as a 21st century landmark.



In the 1960s, Anderson and a cadre of architects moved to ensure that buildings perceived to be eyesores would not be lost to Denver's growing urban renewal movement. They made it impossible to raze these structures without the approval of a design and review board. The buildings they saved now comprise much of lower downtown.

Anderson brought this same dedication to excellence to his work with CU-Denver's College of Architecture and Planning. He serves on the Dean's Advisory Council, and is chair of the New Facility Committee, where he has recruited blue ribbon members and been instrumental in raising more than \$500,000 in private gifts.

In honor of his outstanding service to Colorado and his field, the University of Colorado at Denver is proud to present the Alumni Mack Easton Award to John D. Anderson.

AIA COLORADO SOUTH COMMITS TO ACCA

—Dempsey V. Currie AIA and George L. Cruz, AIA

At the May AIA Colorado South Board meeting, it was voted that our AIA chapter become a member of the Affiliated Commercial Construction Associates. This is a newly formed association of primarily commercial trades, including design professionals.

The affiliation's purpose is to establish better communication between trades and design professionals with agencies, such as the regional building department, city and county planning departments, fire, and city engineering, etc. With communication as a central point, it is designed to streamline processes such as planning department approvals and obtaining building permits.

The AIA Colorado South Chapter has assigned a board member to the coordination task on this ACCA committee, along with three alternates. It is the intent of the Board to afford membership opportunity to have a central point of discussion of problems architects face with various agencies in addition to having a collective impact on such issues in the near future with the state "Controlled Growth Initiative" and City issues such as the proposed "Virtual Enterprise" initiative before City Council. These are vitally important issues that architects need to be totally aware of as to the effects on design professionals.

AIA Colorado South chapter members assigned to this task of coordinator for the Board are: Dempsey Currie, AIA; Marvin Maples, AIA (alt); George Cruz, AIA (alt); Doug Canright, AIA (alt). It is the intent of the ACCA to centralize a coordination effort affording better communications (collectively) between architects and trade professionals when agency professionals deal with the design process. These agencies are also interested in becoming an active part of this ACCA effort, as it affords them a centralized source for effective communications with all the trade professionals belonging to the ACCA.

The organization is comprised of the following groups:

- AIA The American Institute of Architects
- AGC Associated General Contractors of America
- ABC Associated Builders & Contractors, Inc.
- AISC American Institute of Steel Construction
- CSI The Construction Specification Institute
- ASHRAE American Society of Heating, Refrigerating, Air Conditioning Engineers, Inc.
- CFPA Colorado Fire Protection Association
- EPCCA El Paso County Contractors Association
- NECA National Electrical Contractors Association
- PPMCA Pikes Peak Mechanical Contractors Association
- IEC Independent Electrical Contractors
- HBA Home Builders Association

Are you involved in community service projects?

If you are, we want to know what you're doing and who you're helping. Please e-mail your 100-word description to Carolyn Livingston at the AIA office (carolyn@aiacolorado.org) by October 23, 2000—we may tell your story in the December issue.

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Lines & Columns

AIA Colorado
South Chapter

All I ever wanted to be was an architect

—Marvin J. Maples, AIA

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NEW MEMBERS

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 Office of Metropolitan Design, Inc.

New Society of Design Administration Chapter

Colorado Springs now has a South Chapter of the Society of Design Administration (SDA)!

SDA is dedicated to the educational and professional standards of support staff in design firms across the United States and Canada. Its membership comprises people who represent the administrative segment of design professional offices such as office manager, human resource staff, records managers, controllers, marketing or PR managers and coordinators, executive or administrative assistants, and secretaries who are employed in design firms, schools of design professionals, state boards for licensing design professionals and other related disciplines.

SDA is dedicated to the design profession and an affiliate of the American Institute of Architects. We welcome the opportunity to share our expertise. Please share this notice to the administrative personnel in your office who are interested in continuing education and would like to join this professional organization.

Contact: Sheila Steinbock, SDA South Chapter President

DCA Architects Engineers Planners
 1837 Austin Bluffs Parkway, Suite 100
 Colorado Springs, CO 80918
 Phone: 719.528.1177
 Fax: 719.266.8788
 E-mail: sheiladca@pcisys.net

All I ever wanted to be was an architect. Before I even knew what they did. All I ever really wanted out of the profession was a chance to draw for a living and a decent paycheck. The paycheck thing was always a biggie. I like to eat, and I have always had expensive hobbies. I did a junior high research paper on being an architect and remember two points from that paper. The first was that architects were respected professionals. The second was that an architect with ten years of experience would make about \$30,000 a year. This research was done in 1969. Little did I know that 20 years later, the pay was about right. Respect? Well that came and went depending on who the boss and clients were.

Actually, I have always been treated very well in this profession. I strayed from working in architectural firms for over a decade because I wanted a higher standard of living then was available working for other architects. As much as I loved the profession, the two things I had always wanted were disappearing. Computers were making hand drafting obsolete.

Drawing had always been the romantic part of the business for me, and the economy in Denver in the mid-'80s was playing havoc with the paycheck. I was an associate with the largest architectural firm in the country, pretty good assignment for 30-year-old architect. However, first the bonuses disappeared, then the raises, then I found myself traveling for extended periods of time just to stay employed. I am sure I was in the same boat as every other architect in town, I just was not willing to put up with it.

About that time, I received a call from a mechanical engineer. He offered me a job as a project manager with his firm. I responded with some statement about me being an architect, and what would I possibly do at a mechanical engineering firm? First, he said they were always looking for people who could manage projects. Second he indicated that he was paying his mechanical draftsmen half again as much as I was making. What? They don't even draw to scale!

I did not take the job, but it got my interest. I began to pay attention. I realized that at the weekly project meetings I was running, I was the lowest-paid person at the table. The consultants, the contractor, everyone made more than I did. I decided that the problem was, regardless of how talented I was, I was working for a firm that had more than 400 architects nationwide. How valuable could any one of those individuals be to the company?

I moved to Idaho and went to work for an international engineering and construction company. I doubled my pay overnight and received 10-15% raises on a regular basis. Being one of four architects in a company with 10,000 engineers put a different slant on things. As an architect I was used to dealing with clients, making presentations, running projects, I kind of stood out like a sore thumb. After all, the other 9,996 employees were engineers and scientists.

Enough said.

There was architectural work to do—not the fancy high-design projects of my previous life. But the projects were huge! Billions of dollars some of them, and the projects were located all over the world. After about three years, I transferred to the Project Management Group. I ended up spending the next seven years as principal

project manager on design-build projects. I was responsible for managing as many as 200 individuals from all engineering and scientific disciplines. It was my previous experience managing architectural projects that gave me the skills needed to be successful in this new arena. To them, my being an architect—and the skills that encompassed—was the value I brought to my position.

I eventually tired of the travel, and not seeing my kids grow up. I returned to Colorado as director of marketing for a general contractor. It sounded like fun, and actually it was. I was getting paid for hanging out with architects. What could be more rewarding than that? Actually, it made me realize how much I missed doing architecture. I missed being considered an architect. To general contractors, you are only a brick mason if you are stacking bricks. If you pick up a paintbrush you become a painter.

Although I was hired because they had known me as an architect, to them I was no longer an architect, I was a contractor. That kept me up nights. What would my mom say if she found out? One thing I learned was that architects use their problem-solving skills to handle many situations they encounter in daily life. It gives us an approach to dealing with people, non-design tasks, and almost any business situation. Contractors are similar, but instead of problem-solving skills, they tend to use hammers and pry bars to deal with daily tasks.

I then worked a brief period for a developer. It did not take me long to realize that was not where I wanted to be. Too many decisions were made solely on how much they cost, with no regard to quality of design or final product. I had spent my whole life trying to do what was right and felt like an old dog trying to learn new tricks.

About the only thing I had never done was to work for myself. So, after more than 20 years in the business, I completed the circle and started my own architecture firm. I believe that the experience I gained working for engineering, construction, and development companies will make me a better architect, a better consultant, and a better businessman.

After all, all I ever really wanted to be was an architect.



AIA Colorado North Chapter

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Career paths

—Theresa Quéripel

"Two roads diverged in a wood and I — I took the road less traveled by, and that has made all the difference."

—Robert Frost

When I first met my husband, he was a graduate student at the University of Minnesota's College of Architecture and Landscape Architecture. I was quickly immersed into the world of studio living, design reviews and even got to try my hand at drawing trees for his thesis project. His career path has provided him with experience in small to large firms, interior design, medical, and educational institutions and finally has found its way home again to residential design and his own firm.

But he hasn't always been an architect. For five years, Mark was a commercial

real estate broker and developer. His degree and practical experience in architecture was an asset to this new profession. He understood how buildings worked, what clients wanted and how developers pull all the players together for "the deal."

Was it a mistake to take the road less traveled? Absolutely not. Experience and passion for professions outside the conventional structure of architectural firms adds value. You can be a better architect by stretching yourself beyond your diploma.

Some related professions and disciplines where architecture intersects include: landscape architecture, urban and regional planning, interior design, construction, lawyer, professor, writer/critic, public speaker, historic preservation,

entertainment/theatre, furniture design, engineering, real estate sales and development, and environmental and behavioral research. As in any new endeavor, additional education and professional registration is necessary.

In the nearly 20 years of our marriage, I've learned a lot about architecture and architects. They see design everywhere—from skyscrapers to sofas. And, every once in a while, we who are "married to the mob" of the design world, get to make a few design choices ourselves—but never the toaster!

Theresa Quéripel is a freelance writer. Mark S. Quéripel, AIA, is President-Elect of the Colorado North Chapter and Principal Architect of Terra Verde International, LLC in Boulder. He can be reached at 303.530.3232 or www.terraverdeusa.com

New annex showcases sustainable design

—Ted Halscy, AIA
Committee on the Environment

When the new United States District Courthouse Annex opens in October 2002, it will expand the existing U.S. District Courthouse in downtown Denver with 15 additional district and magistrate court rooms. The new 11-story tower, with its iconic two-story pavilion, designed by architectural firms Anderson Mason Dale and Hellmuth, Obata & Kassabaum, Inc., is a much-needed expansion that will house present replacement and future judicial positions, as well as additional courts staff. The design will improve security for the courts and also enhance accessibility to currently available and evolving technologies.

Located across Champa Street from the existing Byron G. Rogers United States Courthouse and Federal Office Building and diagonal to the U.S. Court of Appeals, the Annex site completes the four-block Federal precinct.

The design of the building respects both the architectural heritage of Denver and the federal district in a modern and dignified expression. The tower and pavilion are connected to the existing courthouse through a tunnel below Champa Street. The buildings are raised above the street on an elevated plaza, with integrated street-edge planters, steps, and ramps.

The Annex is a showcase project for the GSA's green building program for sustainable design. It uses the latest available proven technologies for environmentally sensitive design, construction, and operation with a 100-year life expectancy. Numerous energy-efficient systems and components are incorporated into the building, including: high-performance curtain wall low-E triple-glazing, under-floor displacement ventilation, exterior daylighting clerestories with clear glazing and light-shelves, interior partition clerestories and glass transoms.

Indirect lighting systems and window shading devices are continuously incorporated along the building perimeter in the office/chambers areas. Daylight is admitted deep within these tall-ceiling spaces through clear glazing above the light shelf. Tinted view glazings below the daylight shelf provide strong views to the outside and reduced overall glazing luminance with mini-blinds for occupant shade control. Combined, these systems contribute to a 40-50 percent overall reduction in energy usage compared with conventional courthouse technologies.

Water usage is reduced through low-flow plumbing fixtures throughout with automatic infra-red faucets and flush valves in public areas. In addition, the landscap-



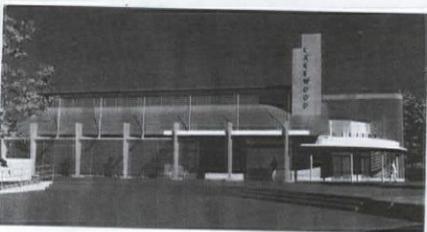
ing features regional plant materials that were selected for hardiness, low water usage (xeriscape) and drought tolerance. Drip irrigation is used in all planter beds and a plaza water feature expressed in a carved-stone water runnel recalls the precious quality of water in Colorado.

Local and regional stones are featured in the public plaza, fountain and on the judge's bench. The use of domestic materials including local brick and maple wood veneers are the primary exterior cladding and interior finish used to express permanence and dignity.

The Committee On The Environment is committed to highlighting buildings that architecturally progress sustainable design parameters. This article will be the first of a series of on-going reports periodically updating the construction progress of the Annex and featuring other sustainable design buildings and projects in the Rocky Mountain Region.

Members in the news

WJVA Incorporated added several new staff members. Patrick Kiely, Derek Pedersen, and Derek Henderson have all joined the Boulder team. JVA was also awarded the contract for lone Tree Creek Wastewater Treatment Facility in Arapahoe County.



▲ OZ Architecture unveiled the design for the new \$2 million Lakewood Visitor's Center, which will be located on the grounds of the Lakewood Heritage Center and will open in the fall of 2001.

NEW MEMBERS

Connie Aragon, Assoc. AIA
Boulder Associates

Theresa Wernimont, PA

109th MERIDIAN

colorado west chapter

Fieldstone Development takes design/build to new level

—Ray A. Nielsen, AIA

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Members in the news

Reno Smith Architects announced that Kelleigh Condon has been named project manager. She will assist the firm in overseeing the development of interior architecture.



Fieldstone Development is a design-build development company, managed and directed by Ray A. Nielsen, AIA. The focus of this firm is to provide architecture-driven developments, that is, many decisions are made that prioritize the architecture above other objectives. However, as a developer, the firm still must be concerned with the bottom line.

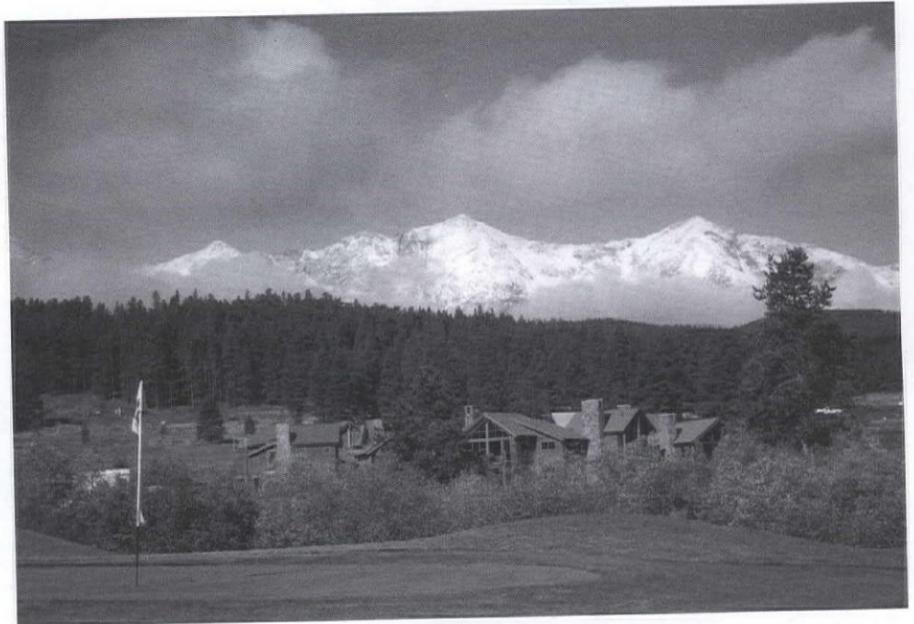
Therefore, we use our creativity and problem-solving abilities rather than the cost-cutting mentality of the traditional developer. Having all of the financial criteria for each project being known to us, we as architects have acquired the ability to really understand the cost of construction relative to the designs that we create. In other words, we design to cost, but we do so with the overriding requirement to produce the absolute best work that we can.

We bring all the expertise of the construction company personnel, as well as the sub-contractor directly into the design and development process. This is an opportunity for these personnel to work side by side with all of the in-house architectural staff. In doing this, it creates an environment where the issues of cost are dealt with in ways that allow us to execute our original concepts without excessively paying for work that is perceived as difficult (i. e., costly).

Manage trades of business in-house

One way we have dealt with construction costs and where we can execute our ideas with a higher quality of workmanship is by performing certain elements and trades of the construction business in-house. We have created certain divisions of construction where our own employees are responsible for the trades that are most important for us to control—both from the standpoint of cost, as well as quality control.

Currently, we have our own excavating, concrete, landscaping, and finish carpentry divisions, which are chock full of heavy equipment and employees that are at our disposal for feedback and cost analysis. In addition, this allows for tremendous opportunities for our architectural interns to acquire significant construction knowledge, generally not available through the traditional architectural practice. We also spend a higher percentage of our work week on the job site, which in turn enhances our abilities to work out



problems and learn more by observing. In addition to observing daily progress, the architects and interns have participated in some of the construction of the projects. They gain knowledge in many areas of construction, like how to lay out foundation and framing walls, set grades, operate heavy equipment, set landscaping, build stone walls, and the installation of all types of hardware. Also, the interns do take-offs: order and coordinate many functions that are normally performed by the general contractor and the superintendents of the projects. In trade, the project managers and superintendents are often responsible for educating the architects relative to the physical construction of the sites and buildings.

Landscaping division a bonus

Of particular interest to us is the landscaping/excavation division. It has become extremely beneficial to us due to our enhanced ability to create intricate land shaping, detailed plantings and subtle drainages, which are sometimes difficult to draw—and certainly difficult for a subcontractor to price.

Therefore, we find that often the fine-tuning and detail of land shaping is mostly coordinated in the field, and many times we are subject to additional costs by a sub when the plans wouldn't match the field conditions. The result of this learning process is that we now can execute landscapes that are far superior and less expensive than those contracted through traditional means.

Currently, we are using all of our resources on a project in Breckenridge called Stonehaven at Breckenridge, which is situated on the 15th fairway of the Breckenridge golf course. Our vision

for this site was a stone-intensive cluster of single-family homes that are situated in such a way that when all is complete, it will seem as though this development is a part of the golf course design.

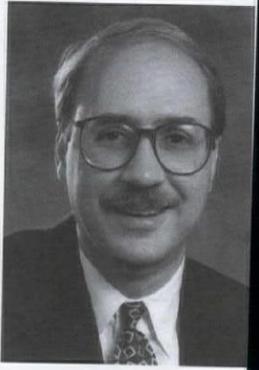
The entire project is an intricate site planning effort, requiring extreme care in developing positive relationships between the buildings, the golf course and the immediate landscape that we have envisioned. This site has intricate landscaping and land forming of berms, echoing the design of the golf course.

We found that we needed to be on the site actually demonstrating to the landscape crew the expression we desired for this design. This meant we were using the excavating equipment to set boulders, landscape stone walls, locate all tree plantings, build berms, and create mounds and drainages that make up the site.

There is no other method of project delivery that would ensure the construction stays true to the vision and provides the flexibility necessary to execute a project of this nature. At the end of this project, we believe that our execution will match our vision more completely than any project that we have undertaken. We believe that given some time for us to grow, we can refine our methods and style of developing to give the owners more architecture for their dollar.

NEW MEMBERS

Ann C. Darby, AIA
 Cottle Graybeal Yaw Architects
 Tommy Hein, AIA
 Tommy Hein-Architects, LLC



—Bill Quatman, FAIA

Architects as lawyers: An important new breed

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 James Albert Sobey Architect

It was a Business Law course in my fifth year of architecture school that got me thinking about an alternate career. Then, I saw an article in *Architectural Record* titled, "Architect—Lawyers: An Important New Breed." These two things were just the spark I needed to start planning for a career in law.

I soon learned that there were only a handful of architect-lawyers, strange people with dual credentials in architecture and law, and that the legal profession was becoming one of specialization. Clients were frustrated with having to explain to their attorneys what architects do, how to read a set of plans—all at the client's expense. Lawyers who understood construction were in demand. This was the encouragement that I needed after a five-year degree in architecture to tackle three more years of law school. One piece of advice I got from another architect-lawyer was, "Get your architect's license, you will always be glad you did."

With that, I enrolled in law school, accepted a part-time job with an architectural firm and took out a three-year subscription to *Architectural Record*, hoping to keep firmly rooted in architecture during three years of law school. While my fellow law students met for early-morning study sessions, or headed for the library after class, I headed for work, two hours in the morning—then classes—then two hours in the afternoon, knowing that my part-time work as an architect was essential to qualify for the licensing exam. By the time I finished law school, I had enough experience behind a drafting table to sit for both the architect's exam and the bar exam the same summer—an ordeal I do not recommend.

My last semester of law school, I worked for a small local construction law firm. I then interviewed with large design firms, like SOM and RTKL, and construction law firms from New York to Dallas looking for the right position that combined law and architecture. In the end, it was that small construction law firm in

Kansas City that offered me a job that seemed just right. I soon found that clients were impressed to find a lawyer who could not only "talk shop" but could talk "shop drawings."

As word spread and I began to gain experience working with architects, owners, and contractors to set up their businesses, draft their contracts, and resolve their disputes, new clients were coming in at a rapid pace. I later joined a 100-plus-man law firm where I am now a partner. The firm, Shughart Thomson & Kilroy, boasts four architect-lawyers on staff.

After ten years on the state and local AIA boards, I was elected President of AIA/Missouri. I made it my goal to work with the state engineering societies, the AIA and the state licensing board to stop all the turf battles that were raging in other states, and to focus on getting legislation passed that would benefit all design professionals.

My legal training became an asset to the AIA in getting state licensing laws reformed, eliminating payment bonds for architects and engineers, and expanding business opportunities for architects doing business in Missouri.

I find the legal profession to be incredibly stimulating. Each case requires me to learn about the area of construction and business involved, as well as the law related to the complex issues concerned. I stay up late at night reading court cases, specifications and project files. It's very challenging and exciting to help people resolve their disputes.

Admittedly, the law profession is also very financially rewarding. Surveys from 1999 show that starting salaries among new graduate architects average \$28,000 while salaries for new lawyers can run \$70,000 and up. The salaries only go up from there. I did not make the career change for the money (I started out in architecture for \$12,000 a year in 1980), but it sure is a nice benefit for me and for my family.

I was made a Fellow of the Institute at the AIA National Convention in May 2000 in recognition of my contributions to the profession, my teaching, writing, lobbying and speaking on legal aspects of architecture. I am thankful for the good advice and encouragement I received 20 years ago. The combined credentials have opened career doors that I would never have had in architecture.

Members in the news

The mountain community of Breckenridge recently held a dedication ceremony celebrating the grand opening of the 37,000-square-foot Stephen C. West Ice Arena, designed by **Sink Combs Dethlefs**. The project was designed to complement the Town's existing outdoor ice rink.

Sholar Group, a professional design/build firm, is pleased to announce that Ann Baker has joined the firm as a project architect.

Urban Design Group has been selected by the Aspen Skiing Company to design a new base area at Snowmass Village. The firm also announced its involvement in the design of the Great Platte River Road Monument in Kearney, Nebraska.

Fentress Bradburn Architects announced that the David Eccles Conference Center & Peery's Egyptian Theater Renovation project won the 2000 Gold Nugget, Best in the West,

"Grand Award" at the annual Pacific Coast Builder's Conference. The firm also announced it will be designing the University of Colorado Health Sciences Center's new 600,000-square-foot Research Complex One at the University's Fitzsimons campus.

Grace Locke; Daniel Muldoon; and Jason Pettigrew, Assoc. AIA, have joined the team at **Slater Paull & Associates**.

Anderson Mason Dale's project, the Victory House, an assisted living facility in Akron, Colorado, was recently honored by the Colorado Association of Homes & Services for the Aging (CAHSA) "Annual Designs for the Aging" awards program.

Klipp Colussy Jenks DuBois Architects added several members to its staff. Jennifer Ghiglieri; Vaishali Patel; and Rob Toll, Assoc. AIA, have recently joined the firm.

HOT, SWEATY T-SHIRT CONTEST!

(for the 2001 National Convention)

Imagine a balmy Friday morning in mid-May, the second day of the AIA National Convention. Runners from all over the U.S. are gearing up, anxious to win the race, or beat their time from last year. But something is different this year... all of the participants are wearing t-shirts you designed!

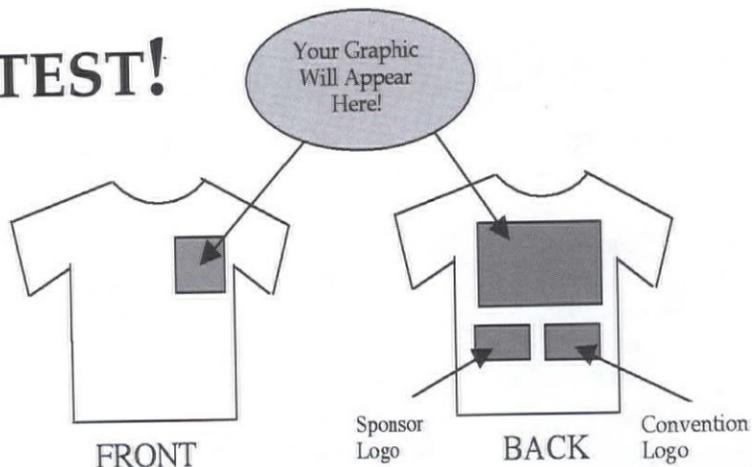
Don't miss the opportunity to have your design worn by more than 100 architects at the 2001 Annual 5K Run/Walk at the AIA National Convention. The 5K Fun Run/Walk committee is now accepting entries for the design of the race t-shirt for the 2001 National Convention. The Fun Run/Walk will take place on Friday, May 18, 2001 at City Park. A race t-shirt will be given to every participant. This is sure to be an exciting event for all!

Designs must be submitted for the front and back of the t-shirt. The design for the front must be no larger than 4" x 4". The design for the back must be 10" x 8" or smaller. Design submittals must include:

- ◆ 1 B & W camera-ready version of the art work (halftones are okay).
- ◆ Electronic design on disk with color separations (Photoshop or Illustrator accepted). Must be 300 dpi or higher.
- ◆ PMS Colors must be identified—maximum of two colors.

◆ The graphic must include the following text: Convention 2001, 5K Fun Run/Walk, May 18, 2001, Denver, CO

There is no fee for submittals. Limit two submissions per person. Only AIA members are eligible. Entries must be received by November 17, 2000 at 5:00 p.m. The 5K Run/Walk committee will make the final decision on which graphic is chosen. The person with the winning design will be notified by December 15, 2000. AIA Colorado will have all rights to the winning design as it relates to the t-shirt. The winner for the contest will be recognized in the February issue of the *Colorado Architect*. Credit for the



graphics will be given to the winner on the race t-shirt. Mail or drop off submissions, along with the completed application below to: Sonia Riggs, AIA Colorado, 1515 Arapahoe Street, Suite 1-110, Denver, CO 80202. Questions? Call Sonia Riggs at 303.446.2266 or e-mail: sonia@aiacolorado.org.

T-shirt Contest Entry Form

Name: _____

Firm: _____

Address: _____

Phone: _____

Fax: _____

Submission Date: _____

Graphic/Project Name: _____

AIA Member: _____

Signature: _____

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SAN FRANCISCO architect swamped with work is looking to affiliate with Denver firm to help with DD and CD and to collaborate. Looking for strong technical skills to complement my design and project management strengths. Contact Kirk Miller: FAX 415.255.2778, e-mail: kirkmill@sirius.com

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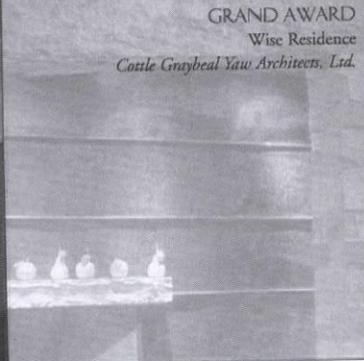
The members of the Rocky Mountain Masonry Institute extend their congratulations and gratitude to the winners of the 2000 Steve Dach Architectural Excellence Awards for choosing masonry as their medium. In their hands, shelter can -- and does -- inspire us all.



HONOR AWARD
Holy Family High School
David Owen Tryba Architects



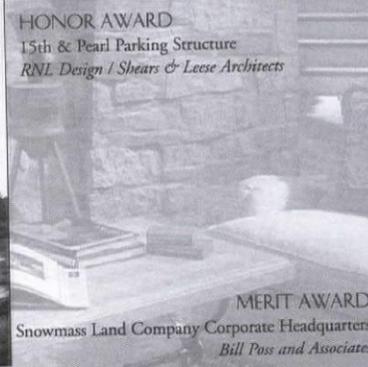
GRAND AWARD
Wise Residence
Cottle Graybeal Yaw Architects, Ltd.



HONOR AWARD
15th & Pearl Parking Structure
RNL Design / Shears & Leese Architects



MERIT AWARD
Red Rocks Community College
Library & Resource Center
AR7 HooverDesmondArchitects



MERIT AWARD
Snowmass Land Company Corporate Headquarters
Bill Pass and Associates



303-893-3838

SEPTEMBER'S SUCCESSFUL PUBLIC TOURS YIELD AIA DENVER AWARD WINNER TOURS IN NOVEMBER

—John B Rogers, FAIA
President DFA

We are pleased to announce that Cal Cleworth has accepted our invitation to join the Board of Trustees of the Denver Foundation for Architecture. Cal has been active for many years in a number



Cal Cleworth joins DFA Board

of civic endeavors and we look forward to his contribution to the Foundation. Cal has been president of Cleworth Associates, a magazine publishing company, and made positive

contributions to both radio and television. His pursuits, in addition to his business activities, have included Chairman of the American Business Press in New York City, Colorado Public Radio Board of Directors, Denver Botanic Gardens President and Board of Directors, Historic Denver Trustee and Executive Committee, and University Club past president. Cal is a graduate of Babson College, where he was elected as a life honorary corporation member in 1998. Cal has an abiding interest in architecture,

as well as the environment and quality of life of our city, and we anticipate using his broad experience and insight to the advantage of the Foundation.

In September, the Foundation sponsored public tours of three construction projects to provide a look behind the façade of these important buildings during construction. The Foundation has been pleased with the response to these tours and the opportunity provided to the Foundation members, the public, and the profession to visit these construction sites. As you know, sites are always off limits except for organized tours such as those conducted by the Foundation last month.

We have been pleased and surprised by the interest shown in these opportunities and presentations made by the design architects, their professional consultants, and contractors, who describe the internal workings of the buildings before being forever shielded from view by the building façade. One of many remarks overheard, "My, I never dreamed there was so much work and complication we never get to see behind those outside walls."

Following up on the Foundation's successful "under-construction tours,"

which enhanced both the members' and the public's understanding of the impact of these projects on the quality of life, in November, the Foundation plans to sponsor guided tours with the winning design architects of the AIA Denver awards program. On September 29th, the 2000 awards gala was held at the Denver Art Museum. AIA Denver received 85 entries from Denver architects from which 12 were selected for awards by nationally recognized architects serving as an awards jury. Jury members included **Adele Nande Santos, FAIA**, Berkeley; **Aaron Betsky**, San Francisco Museum of Art; **Allison G. Williams, FAIA**, San Francisco; **Mary Margaret Jones**, Rome Fellow; **Daniel Solomon, FAIA**, San Francisco.

DFA is pleased to be able to provide a vehicle for people to get an inside look into these buildings and an opportunity to meet with the designers of these awarded projects.

The Foundation's initial education effort at Slavens Elementary School has

proceeded through the planning stages and is now being implemented by **Tim Thomas**, the instructor for the architecturally-based enhancement program, which is planned as a pilot program at this school before using this opportunity in other public schools. **Steve Carr, AIA**, Foundation Trustee, leads the DFA Committee for Architecture in Education, with assistance from **Liz Heckart**, **Simon Yu**, **Jeff Borger**, and **Kevin Gramer**. To become involved in this exciting endeavor, call

Steve Carr at 303.607.0040.

The Foundation will be hosting a public meeting for members, should-be members, and wanna-be members in early December 2000.

Congratulations to our new Trustee, Cal Cleworth.

Denver Foundation for Architecture
P.O. Box 481882
Denver, CO 80248
303.779.9193
E-mail: denverfdnarch@aol.com



DENVER FOUNDATION FOR ARCHITECTURE

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.



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AIA Denver firm profile: burkett design, inc.

burkett design, inc. was founded in 1990 by Amy Burkett. What began as a one-woman firm has since grown to employ a staff of almost 50 to include professional architects, space planners, interior designers, CADD draftspersons, and administrative personnel.



Ronald McDonald House, Denver, CO

burkett design offers full-service architectural and interior architectural services, with projects in corporate, high-tech, high-reliability, hospitality, and healthcare design. Its projects are characterized by strong design solutions and performance that exceed expectations. The success and growth of burkett design is the direct result of a strong base of repeat clients and new business generated from direct client references.

The firm has clients in a variety of industries and is always creating new designs that enhance a company's performance by providing the most innovative and functional architectural and interior design solutions for their facilities. Through Amy's tremendous amount of energy, she has been able to transform her company into a contender for business throughout Colorado, the nation, and the world. She has assembled a very talented and creative team of men and women architects and designers who truly understand their clients every need.

burkett design's client list includes many prominent local/national companies. Recently it has completed projects for such companies as Lucent Technologies, MediaOne, RCN, Janus, Lightbridge, Echostar, and Qwest Communications.

Contact:
burkett design
303.256.1118

AN "ADDITION" TO THE DENVER ART MUSEUM

—Steve Loos, AIA,
President, AIA Colorado

While this may be old news to you, I thought the *Colorado Architect* ought to make sure that everyone was informed about the proposed addition to Gio Ponti's Denver Art Museum—the conceptual design for which was unveiled in August at a public forum.

The following is a series of quotes from the Denver Art Museum's press release and Joanne Ditmer's column from *The Denver Post* of Thursday, August 24, 2000, about the public forum where the design was introduced.

Mayor Webb made the announcement about the selection of Libeskind with the following comment:

"Great cities are defined by the quality of their cultural facilities, and Mr. Libeskind's talent will contribute in a significant way to the economic impact this museum has on the city and state... When the expansion is complete, this museum complex will be able to attract not only the world's greatest art to Denver, but also many thousands of visitors who will put us on the map as a world-class

destination city." Sound like Bilbao's Guggenheim?

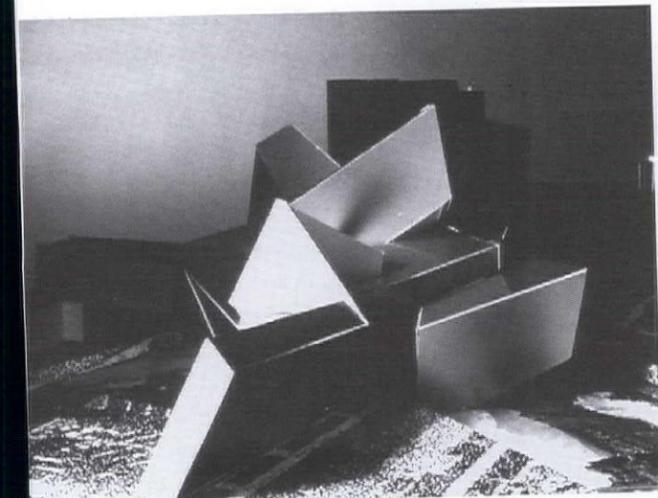
"The design Libeskind offered last week...investigates a vision, with some whimsy... and will probably remain through future design refinements... You don't abandon a vision."

"Those wings jutting in various directions came about from the very complex and detailed program given by the museum...They will house the lobby and a theater, with important space for the education program—'an exemplary program known worldwide,' Libeskind said."

"The largest wing cantilevered into space will be the great exhibition hall—to show the diversity of a collection that is equally well known.' Beneath it will be an open-air sculpture gallery, which will also be a link to the urban environment surrounding the complex at the corner of West 13th Avenue and Acoma Street."

"Exterior building materials will have a Colorado context, perhaps 'the ancient geologic material found here—granite—and a modern material formulated here—titanium—to reflect the richness of experience within the museum.'"

"At last week's public forum he (Libeskind) told attendees that the museum was not a project yet, but an encounter—an encounter with the public, essential if the architecture is to have a poetic quality." Obviously, Mr. Libeskind has worked for a design that will attract attention. He would like to have people not just visit the museum but linger there and fully enjoy it and its environs. He is interested in a building that opens itself to "public debate" and that becomes an integral part of the enjoyment of the City. From what I can tell, it looks like the design concept will elicit a good deal of debate for some time to come.



Architect Daniel Libeskind's initial concept for the addition to the Denver Art Museum. Libeskind says his design will celebrate Denver's skies, space, and citizenry because "a city is more than stone, glass, and steel."

The architect for the \$62.5 million addition is Daniel Libeskind of Berlin who was chosen over finalists Arata Isozaki and Thom Mayne. Mr. Libeskind has chosen Davis Partnership of Denver and Vail as the local collaborator on the project. The 146,000-square-foot addition will roughly double the size of the existing museum and will result in new space for Modern & Contemporary Art and Architecture, Design & Graphics, special exhibitions, areas for educational and multi-media programming, participatory workshops, and public events, as well as new space for curators. The addition is scheduled to be complete in 2004.

A LEADER IN THE INDUSTRY PASSES

The 1976 AGC President, Gilbert E. Johnson died Friday, Aug. 18, 2000, in Colorado Springs. He founded G.E. Johnson in 1967 and quickly led the firm into a position of prominence in the industry. He was extremely involved in AGC and industry activities, most notably in labor relations at a time when labor relations were a dominant part of the industry. Gil was also very involved in political matters affecting construction. Gil's lifelong contribution to the development of Colorado's commercial building industry garnered him AGC's prestigious SIR Award in 1990 for his contributions to the industry. The SIR Award has been granted to only five people in the 70-year history of AGC/C.

Memorial contributions may be made to Goodwill Industries of Colorado Springs, 2307 W. Colorado Ave., Colorado Springs 80904.

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ARCHITECT OR ENGINEER? THAT IS THE QUESTION

—Howard C. Dutzi

In selecting a vocation, many of us are influenced by what we are exposed to during our formative years. My early exposure was construction; my father was a carpenter and a small home-building contractor.

As a teenager, I helped my dad in the construction of some of his homes. I learned to mix concrete—so many bags of cement to so many shovels of sand and shovels of stone. Ready-mix concrete was virtually unknown in those days. I supplied the masons with a steady flow of bricks and saw to it that their mortar boards were constantly filled. I was the laborer. It was hard work. I soon realized that all of construction is hard, back-breaking work.

My first exposure to the architectural profession occurred when I was 16 or 17 years old. I accompanied my father on a visit to an architect's office to pick up and review a set of plans for a house my dad was soon to construct. This visit left an impression on me. I saw the drafting boards, the T-squares and the triangles—the same instruments I was then using in my mechanical drawing classes in high school. I admired the many renderings adorning the walls of this office. It was then that I probably first began thinking about architecture as a profession. I always had knack for drawing, I was doing well in my mechanical drawing

classes, and I had some rudimentary knowledge of construction.

After graduation from high school I entered an apprenticeship program in the printing trade. However, the thought of architecture was still lingering in my mind. After a year of setting type and etching and engraving copper plates, I decided to go back to school. I enrolled in the architectural school at the University of Illinois.

The architectural program at Illinois had two options—straight architecture or architectural engineering. The course work for both options were basically identical for the first two years. In addition to the normal math courses, English and physics, there were the architectural design classes, architectural history, art classes, statistics, and engineering drawing to learn how to mathematically and graphically plot perspectives and shades and shadows.

However, there was one slight difference. During the sophomore year, those students in straight architecture were required to continue the Beaux Arts tradition and take a year of French. Those opting for architectural engineering had to take calculus in lieu of French.

At this point in my life, I had no idea as to the real difference in the end results of

the two options. All I knew was that I was in the School of Architecture and therefore I would eventually become an architect. At this point, I'm not sure I had ever heard the term: "structural engineering." I probably felt that architects designed all of the various aspect of a building. No way was I going to take French. Calculus I could handle; I always did well in math.

Thus it was, with this logic, that at the end of my freshman year, I informed my advisor that I would pursue the architectural engineering option. Three years later, I graduated.

During the summer of my last year in college I worked in an architectural office doing architectural drafting. However, this experience wasn't too helpful in obtaining a job after graduation. Economic times were tough. No one was hiring! Jobs were hard to come by and this was in the second largest city in the nation. However, I eventually found some temporary work. After working for a year and half doing some architectural detailing, I decided to go to graduate school. I was interested in architectural design.

I was soon back at Illinois taking architectural design courses. Since I had a strong engineering background I augmented my design courses with

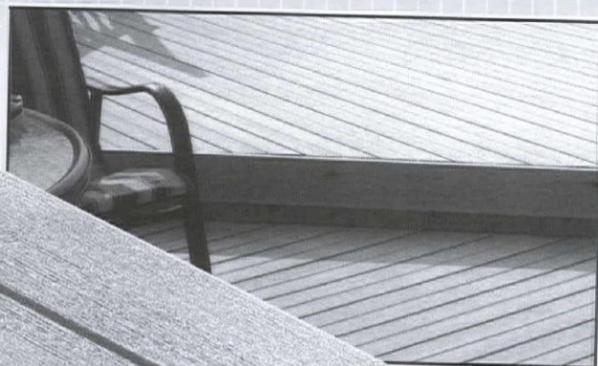
graduate engineering courses. I received a masters degree in architectural engineering. I then worked for two offices. I soon accrued the experience in architecture and engineering needed to take the professional state board exams. I then became licensed as an architect and also as a professional engineer.

While working as an architect, I discovered that relative to structural design, I didn't particularly enjoy doing the likes of window details and room finish schedules. I realized that the lure of structural design was that of constantly solving complex and challenging problems.

I enjoyed working with architects and aiding them in achieving their designs. I think I learned to speak their lingo. I think I understood what they were attempting to create. I think I was able to appreciate why a particular column location was undesirable, a particular beam needed to be more shallow, or an expensive cantilever was architecturally effective. I knew that much of structural engineering was architecture. Although I was practicing structural engineering, I soon discovered that I was in one aspect practicing architecture.

Howard Dutzi is the retired owner and founder of HCDA Engineers, a Colorado Springs based structural engineering firm.

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[PRO, from page 1]

The Responsible Growth Initiative was designed by a broad coalition of Coloradans as a bottom-up, citizen-controlled way to take back from developers the reins of growth, and to encourage a forward-thinking, moderate approach that includes effective planning. Here's how it would work:

Beginning right after the election, counties of greater than 10,000 residents (currently about half of the state's counties) and every city within them of greater than 1,000 residents would determine what areas under their jurisdiction are already "committed to development." They would publish this determination by November 2001.

In addition to counties with fewer than 10,000 residents, counties with between 10,000 and 25,000 could exempt themselves from the initiative's requirements with a popular referendum.

By the November 2002 general elections, each county and city subject to the initiative would produce a "growth area map," describing in a general way where in their jurisdiction growth should occur. They must take into account where they can responsibly

extend city services, and must also disclose what impact the proposed growth would have on a variety of issues, such as affordable housing, traffic, open space, and air pollution.

The citizens would vote to approve or disapprove these maps via referendum. If approved, the plans would carry the force of law. If disapproved, the city or county would be limited to development within committed areas (which are never affected by the initiative), or development able to use one of several exemptions, mostly related to agriculture or public safety.

Supporters of the Responsible Growth Initiative expect opposition, led by the developers who have gotten wealthy from our state's growth, to spend millions on television advertisements this fall. The question of whether the initiative will pass depends on whether the citizens of Colorado are willing to take their state back, to go with the initiative's David over the developers' Goliath. With the General Assembly taking passes on the issue session after session, it is time to use the initiative process for what it was intended: a mechanism of true democracy when our representatives have failed us.

[CON, from page 1]

Idealistic as this may sound, the reality is that local planning would be largely irrelevant. The many ambiguities and rigid requirement of this proposal will undoubtedly lead to legal challenges, which impede the ability of a community to regulate development as it may wish. Local comprehensive plans and "smart growth" initiatives that have already been adopted after years of planning and analysis will cease to be relevant. Instead, local communities will bicker and bid against one another, and private property owners who believe they cannot get a fair return on the value of their property will probably sue the state and local governments for "taking" their property.

These are some of the reasons there is broad opposition to Amendment 24. In addition to homebuilders and realtors, the coalition to "Vote 'No' on 24" is supported by the Colorado Association of Commerce and Industry, Democratic

Business Coalition, Economic Development Council of Colorado, GREENCO (Green Companies of Colorado), Castle Rock Economic Development Council, The City of Aurora, Colorado Rural Electric Association, Greater Pueblo Chamber of Commerce, Colorado Retail Council, Colorado Livestock Association, Colorado Housing Council, Metro Denver Habitat for Humanity, Colorado AFL/CIO, and more than 30 other organizations.

Colorado is fortunate to have over 66 million acres of some of the most beautiful land in the country. Over 27 million acres is state or federal owned, and much more has been designated in recent years as open space and preserved by local communities for future generations. A statewide proposal like Amendment 24 has never been tried anywhere in the country; Colorado should not be the guinea pig for this extreme "mismanagement of growth" proposal.

statewide impact on the profession of architecture, and that it is an issue that deserves serious consideration. The Government Affairs Committee therefore requests that:

The Board of Directors of AIA Colorado oppose the amendment, recognizing that smart growth is the right problem to address, but the proposed amendment is the wrong solution.

The Board of Directors of AIA Colorado appoint a task force to address the proposed amendment, with follow-through whether the amendment passes or not. The Board of Directors of AIA Colorado direct our contract lobbyist to focus on the legislation, ultimately resulting in the failure of the amendment to pass public vote."

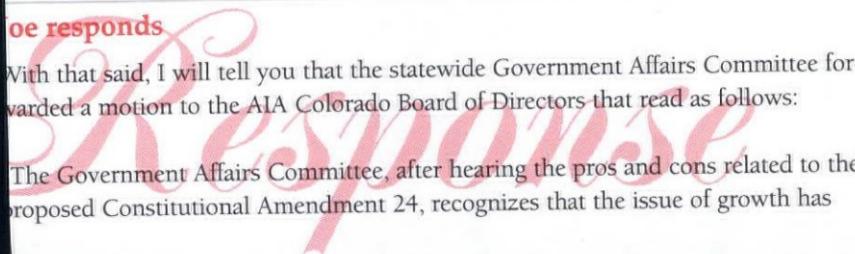
The AIA Colorado Board of Directors unanimously approved this motion at its August meeting. In short, after hearing both sides, the Board agreed that this certainly was the "right problem," but that the proposed amendment is just as certainly the "wrong solution." However, the Board determined that as an organization, we must be involved in helping to develop what is a more comprehensive, thoughtful solution to the significant growth problem facing Colorado. By no means is AIA Colorado opposing smart growth; quite the opposite—we support smart growth, and we're committed to being involved in finding the right solution.

Questions regarding our position can be directed to our President Steve Loos (303.830.0575), our President-elect John Williams (303.295.6190), our Government Affairs Committee Chair Mary Follenweider (303.441.4493) or to me at the AIA offices (800.628.5598, joe@aiacolorado.org)

Joe responds

With that said, I will tell you that the statewide Government Affairs Committee forwarded a motion to the AIA Colorado Board of Directors that read as follows:

The Government Affairs Committee, after hearing the pros and cons related to the proposed Constitutional Amendment 24, recognizes that the issue of growth has



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OCTOBER EVENTS

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
3	4 For more information on any of these events, call AIA Colorado at 800.628.5598, unless otherwise noted.	4 Noon Cte. On the Environment, AIA Office	5 4 p.m. Denver Chapter Board of Directors, AIA Office	6 7:15 a.m. Breakfast Seminar #1, AGC Mtg. Rm. ◆ Noon Government Affairs Cte., AIA Office	7 8 Sunday 1 p.m. DAM/Architecture Lecture
9 Noon DFA, AIA Office	10	11 7 a.m. South Chapter Board of Directors	12 AIA Colorado West Chapter Awards Program, Aspen	13 AIA Colorado BOD, Aspen ◆ 7 p.m. Colorado Awards Gala October 13-14 2000 AIA Colorado Design Conference, Aspen	14 1 p.m. AIA/C Annual Business Meeting, Snowmass
16	17 7:30 a.m. Housing Cte., AIA Office ◆ 3 p.m. North Chapter Board of Directors	18 7:30 a.m. Urban Design, AIA Office	19 7:15 a.m. Design Build Roundtable, Design Center	20 7:15 a.m. Breakfast Seminar #2, AGC Mtg. Rm. ◆ 11 a.m. Editorial Board	21 22 Sunday 1 p.m. DAM/Architecture Lecture
23	24	25	26 7:30 a.m. Historic Preservation Cte. ◆ 8 a.m. Project Delivery Seminar, Lakewood CC	27 7:15 a.m. Breakfast Seminar #3, AGC Mtg. Rm. ◆ December Newsletter Deadline	28 29 Sunday 1 p.m. DAM/Architecture Lecture

GALLERY EXHIBITS

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NOVEMBER HIGHLIGHTS

17 North Chapter Annual Awards Gala
15 Sarah Susanka Lecture

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Amendment 24: Right problem, wrong solution?



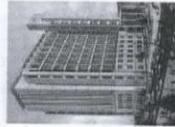
PAGE 1

Thanks to office contributors



PAGE 3

New Annex showcases sustainable design



PAGE 8

Fieldstone Development takes design/build to new level



PAGE 9

Addition to the Denver Art Museum



PAGE 10

What better place to begin the journey into the new millennium than at the 2000 AIA Colorado Design Conference? Recognizing the opportunities and challenges that lie ahead, the theme for this fall's conference is New Architecture, the reinvention of our profession.

Our line-up of main speakers is impressive and will highlight a number of aspects of the profession that offer new and creative ways to practice: Jim Cramer of the Greenway Group, previously the executive director of National AIA, and editor of *Design Intelligence* and *Technology Intelligence* magazines, will be the moderator and keynote speaker for the conference. He will present his vision of the future and prepare a compelling challenge to the design professional to "catch the wave" of technological opportunity.

Steve Halverson, president of The Haskell Corporation, has researched internationally the paradigms of practice and has a very positive message to present to architects about the manner in which we will practice in the future.

Robert Wyatt, principal designer for BRC, a virtual imagineering firm, is participating with architects to create new and imaginative virtual experiences in museums, theme parks, and entertainment venues. Where these opportunities are best seen in our fantasies, this new dimension of design will truly permeate every aspect of the built environment.

David Manfredi is one design professional who has recognized the opportunity to revitalize and transform suburban sprawl into new models of urban living. He is reinventing shopping centers and defining new communities using principles of good design rather than "historic copycatting."

John Fielder is a nationally renowned nature photographer, publisher, teacher and preservationist. His presentation *Colorado Then and Now* blends the recent work he has completed with photographs of his own and William Henry Jackson, and will talk about changes in our own state. Colorado and its changing landscape provide a perfect model for discussing everything new in the industry.