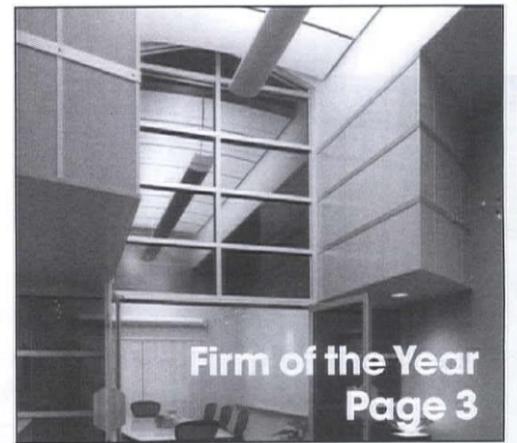


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SPRING 2004 \$ 5

Theater Design

by Harry Teague, AIA

Ingmar Bergman's film of "The Magic Flute" begins with a memorable sequence. While Mozart's glorious overture plays the camera wends its way through a beautiful park to arrive at the architecturally fine Royal Opera House. Once inside, as the overture continues, the camera fondly explores the features of the hall and the rapturous expectant faces of the audience. Even after the performance has begun, we are treated to views of the activities backstage. Stagehands pull on ancient ropes to operate the curtains, light smudge pots to create smoke, crank contraptions to make thunder, and run like squirrels in the wheels of wooden treadmill winches to change the scenery. The music, the audience, the actors, the stagehands, the sets, and the architecture all combine to create the magic of the event.

Bergman's film underscores the significant contribution that the Opera House makes to this performance of "The Magic Flute", but in fact architecture has been an essential collaborator with the theater from the very beginning and they have evolved together. Ever since we decided to sit down for a long show, we had to concern ourselves with how to see and be seen, how to hear, how to get to and from our seat, and how and where the performers prepare and perform.

Of course we cannot be sure if it is the first, as less permanent structures have long since disappeared, but the earliest evidence of architecture specifically devoted to performance appears in the eastern Mediterranean. One can still sit on the steps of the Palace of Knossos (1700 B.C.) on the island of Crete. These steps are configured in an el shape and apparently as many as five hundred occupants of the palace would sit on them to watch itinerant performers who would come up on the road from the seaport. There even seems to be an early

attempt at assigned seating with a clear hierarchy and a "box" for the royal family. (fig. 1, Palace steps at Knossos, Crete)



fig. 1, Palace steps at Knossos, Crete

A thousand years later the Hellenistic Greeks became tired of their wooden bleachers collapsing from bad design, or their rhythmic stamping, and decided to build their theaters more reliably on solid ground. It seems logical that the earliest ones would merely augment the attributes of a natural amphitheater, and indeed they carved some like the one at Argos (320 B.C.) from solid "live" rock. One does not undertake such a task without serious research and the early Greek theaters are legendary for their natural acoustics and dramatic sites. It is from these marvelous beginnings that our modern theaters have evolved. (fig. 2, Theater at Delphi, Greece)



fig. 2, Theater at Delphi, Greece

Without going into a comprehensive history of theater design, suffice it to say that as the nature of performances evolved and diversified, so did the structures to accommodate them. There is indeed a huge range of theater types throughout the world today including music, film, drama, dance, musicals, opera, rock concerts, experimental,

avant guard, and performance art, all for audiences of largely varying sizes. Here in the Rocky Mountain West two basic theater types seem to accommodate the needs of most communities: the classic proscenium hall and the studio theater or "black box".

The classic hall with a proscenium and sometimes a fly loft has played an important role in the history of our West. Not long after building the first store and a saloon or two, and probably after constructing some churches, a bank, and a hotel most of the early western towns celebrated the fact that they had survived another year and were indeed now an island of civilization in the wilderness. They celebrated by building a theater. We see these proud, optimistic edifices standing head and shoulders above their ordinary neighbors, announcing their importance in that higher echelon of buildings for the public. The new theater would not be as high as the church steeple, but more massive, and certainly higher than the bank and the hotel. Never missing an opportunity for promotion, the owners frequently took advantage of the large expanses of visible brick on the fly loft to announce their presence with large painted signs, "Sheridan," "Fox," "Bijou," and "Jewel." (fig. 3, Sheridan, WY)



fig. 3, Sheridan, WY

Many of these classic halls have been renovated and continue to serve their communities but they are also deeply ingrained in our culture and continue to affect our theatrical expectations and thus designs for new

theaters as well. The new six hundred seat theater we at HTA have designed in the city of Jackson, Wyoming, for example, combines many of the familiar traditional features and qualities of the cherished early halls with modern advances in acoustics, lighting, and theater technology. The fly loft still proudly announces to the town the location of an important civic structure. The façade contributes activity and some dignified formality to a prominent downtown street. The audience mingles in a grand scale lobby and ascends a dramatic stair to enter the hall. Balconies flank the auditorium allowing all to see and be seen. A specially designed chandelier of larger than life aluminum moose antlers hangs high over the middle. And the large proscenium stage with a fly loft accommodates traditional shows with flyaway scenery such as large community productions and musicals. All of these architectural features contribute significantly to the theater going experience. (fig. 4,5, Section through the Auditorium and Cache St. Entrance of the Jackson Hole Community Center for the Arts)

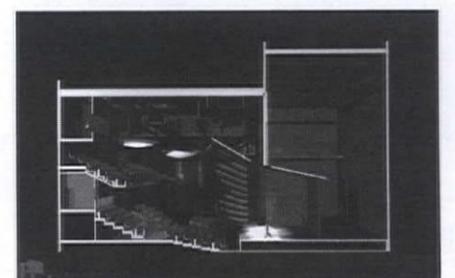


fig. 4,5, Section through the Auditorium and Cache St. Entrance of the Jackson Hole Community Center for the Arts

(Continued on page 15)

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The Communications Advisory Board (CAB) oversees the design and production of the newsletter or other instrument of communication with the membership, coordinate the communications between AIA Colorado and the public and the press, oversee the design and operations of the Web Site, and provide long range planning for future communication tools, both within the membership and between the membership and the public.

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Digital Photography's Role In Architectural Practice

by Jack Dysart, AIA - ASMP

Marketing is a "Visual World"...

Marketing your unique services is fundamental to and a necessity for continued success in your practice. Creative visual images, together with architectural illustrations, and scale models are excellent marketing tools. However, professional quality photo images are absolutely crucial to landing that next hot project, A.I.A. competition entry, web site creation, etc. The digitally trained and equipped photographer can provide far superior imaging results, in less turnaround time, especially when a "deadline" looms!!! Intuitive, creative results can happen, by collaborating with a digital photographer, who is talented, trained, experienced and equip to meet your goals.

Scoping the Job....

The first phase of high quality, professional photography begins with carefully defining your goals, needs and intended uses. The synergism of the architect and the photographer can, as a team, determine marketing usage of the images and estimated costs. Together we identify

design elements and architectural features needed for communication. Prioritization of views can minimize the number and quality of the images. Your uses may include: low resolution shots for web site and calendars, up to high resolution for magazine advertising, promo cards and oversized prints. After scoping a mutually agreeable, yet flexible, cost estimate a budget can be established.

The End Justifies the Means!!!

Digital yields speed and special effects for extreme media deadlines. Digital shooting and digital lab processing provide much higher quality results than traditional film/slide photography. Since many elements can be fixed in the digital lab, we are less dependent on ideal site and light conditions. Less time on-site, but more time with greater processing in the digital lab. The professional digital camera has a plethora of adjustment features, used in different combinations under differing lighting conditions to capture the best version of each scene. Afterwards the digital lab with "state of the art" software, Photoshop 8 CS, offers further creative enhancement tools.

Ideal photo image characteristics...

Camera angles and images are selected to match media output desired in an insightful, creative manner. Images communicate the overall building project, as well as unique features. Skies are deep blue and may include the "sweet light" of sunset. Distracting items are removed, such as: street signs, blowing trash, people/cars/bikes, construction debris, masonry efflorescence, brown grass, etc. Blurring is applied to adjacent buildings or elements that detract from your building project. Wide angle images will capture interior scenes, with supplemental lights as needed. Images are sharp and clear, with good color balance and optimal daylight or interior illumination. Perspective correction is used to eliminate camera lens distortion. Cropping will provide different sizes as required for various media output.

and scene composition...

During a pre-shoot scouting trip, the architect and photographer should collaborate in determining the selection of scenes and camera angles, which will help determine time of day and days of the week for the best lighting conditions for each image. After scouting, a more accurate estimate of time and cost can be developed. The number of shots may change to accomplish the architect's goals and hence the cost thereof. Calendar dates and times of day ideally should have minimal detractors of peo-

(Continued on page 18)

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WMR - Firm of the Year

Aller-Lingle Architects P.C. of Fort Collins, Colorado, has been honored as the 2003 Firm of the Year by the American Institute of Architects (AIA) Western Mountain Region. The award is given in "recognition of continued collaboration among individuals in a firm that has produced distinguished architecture for a period of ten years". The Western Mountain Region (WMR) encompasses the states of Colorado, Arizona, New Mexico, Nevada, Utah and Wyoming. Our nomination was a result of Aller-Lingle Architects P.C. being named the 2002 Firm of the Year by AIA Colorado.

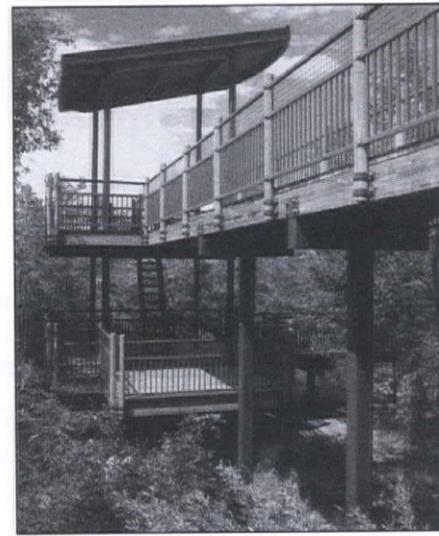
Firm History

Aller-Lingle Architects P.C. was established in 1986 by principals Mick Aller, AIA, and David Lingle, AIA, based upon a philosophy of innovative design, technical excellence and outstanding client service. Brad Massey, AIA, joined the partnership in 1998. The principals share a passionate commitment to design excellence, but with a vision for their practice where they can remain involved in all phases of a project. The firm has steadily grown into a group of 10 professionals, including 5 registered architects, who work collaboratively to produce solid design solutions for each project. The firm moved into new office space in 2002, allowing adequate room for growth, but retaining the close-knit, collaborative atmosphere of a medium-sized firm.

Combining their creative strengths, Aller-Lingle Architects P.C. has emerged as an award-winning architecture/plan-



ning firm along the Front Range of Colorado. The firm's comprehensive approach to structural and aesthetic design has earned a number of AIA Honor and Merit design awards, as well as state, regional and national design awards by a variety of other professional organizations. They have consistently produced designs for both public and private clients that embody the highest standards of creativity and innovation, while remaining sensitive to the rigors of function and cost-effectiveness. Their work ranges from under \$100,000 to over \$15 million, including governmental and



institutional projects, affordable housing, rehabilitation and historic restoration, parks/recreation facilities, research laboratories, higher education projects, transportation facilities, and office, medical and multi-tenant commercial projects. Notable projects include the Rialto Theater restoration in Loveland, the addition to Colorado State University's Lory Student Center, the new Cancer Research addition at CSU's James L. Voss Veterinary Teaching Hospital, the C&S Freight Depot Downtown Transit Center in Fort Collins, and Westlands Park in Greenwood Village.

Staff Development

Aller-Lingle Architects P.C. enjoys a diverse, regional practice, and involves their professional staff in all phases of project development from the initial client meeting through all aspects of construction administration. They encourage a team-oriented, collaborative effort in their design solutions. Their new office is designed in "neighborhoods", with the principal's offices dispersed through the studio areas to foster this interaction. Regular brown-bag design charrettes are held to review the early conceptual design solutions for major projects, involving all of our professional staff in these efforts.

Their staff's professional development is a very important component of their practice. They attempt to mentor their younger interns in all aspects of professional practice, involving them in early marketing endeavors, contract and fee negotiations, design development, contract documents preparation including specifications, bidding/construction administration and project close-out. They encourage involvement in the Intern Development Program, as well as continuing education opportunities for their non-registered staff.

Registered architects are encouraged to join a variety of professional organizations and to be active members of those groups. In addition to AIA, their staff are members of organizations such as the National Trust for Historic Preservation, Colorado Preservation Inc., and the Colorado Arts and Crafts Society, among others.

Staff members are also encouraged to remain with the firm and grow professionally within the organization. They recently added an Associate level of management responsibility, with Mike Rush, AIA, named the firm's first Associate.

The principals also tend to specialize in particular areas of practice to better support the staff: Mick Aller handles sustainability and quality control; David Lingle emphasizes historic preservation, affordable housing and handicapped accessibility compliance; and Brad Massey takes care of areas of professional practice and building codes.

Not everything within the office is all work and no play. They regularly schedule company-sponsored parties, golf tournaments, hikes, or just informal FAC's, and also provide tickets for staff to fundraisers and other functions in support of local non-profit agencies.

(Continued on page 19)

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Communities of Place

by John Cottle, AIA

The "Geography of Nowhere" by James Kunstler painted a dismal view of America's built environment, particularly the scarcity of genuine, livable communities. Creating communities of place, depth, and diversity, or a "geography of here and now," requires vision, regional reflection and creativity.

As a starting point to creating multi-dimensional communities, our firm develops a set of guiding principles rather than beginning with three-dimensional planning or architecture. In addition to these guiding principles we evaluate the communities' position in the marketplace; add experience and lifestyle attributes; and include factors that reflect anticipated growth and evolution. We interweave these traditionally non-architectural factors into our design process with the goal of creating authentic, multi-dimensional communities.



The architecture of multi-dimensional communities should reflect a sense of belonging and also a spirit of inventiveness. Connection with regional culture and vernacular tradition is fundamental. However, if the architecture does not develop further, if it stops with recreated vernaculars or historical styles lifted into today, it becomes an inhabited marketing slogan, or more of a theme park than community. Part of the creative challenge is intertwining the diverse influences in our culture, as they currently exist and also as we might foresee them in the future. Artistic intuition, theoretical exploration, and the honesty of modern design collaged with regional history and culture can result in something different and new.

As designers, we are all too familiar with the "inertia of nowhere." Planning and zoning ordinances, financial institution requirements, homeowner associations, and other regulatory entities perpetuate the status quo so that at times it seems impossible to create anything new. Even with a multi-disciplinary team, creating an evolutionary community is also an act of will and perseverance.

Obermeyer Place is a new neighbor-

hood in Aspen set for groundbreaking this spring. It will house 21 free market residences; 21 deed restricted units for full-time residents; 37,000 square feet of service/commercial/industrial zoned businesses such as auto repair, print shop and florist which cater to the local population; 10,000 square feet of medical office space; and parking for 200 cars for both public and private use. More than any project built in Aspen in recent memory, it is truly mixed-use.

Klaus Obermeyer, founder of the Sport Obermeyer skiwear company, owned the majority of the land, which housed 37 businesses. Klaus' idea was to keep the businesses - many of whom have been his tenants for years - but replace the dilapidated buildings. This caught the attention of the City of Aspen, which has been struggling to retain the industrial zoning and community services within the city limits.

Because of the shared goals and public right-of-ways near the property, the city encouraged an approval process called Convenience and Welfare of the Public - or COWOP. The COWOP process develops the design interactively over a period of several months with all of the affected parties, including City Council members, Planning and Zoning members, neighbors and citizens at large. It also minimizes the traditional attack and counter-attack syndrome of traditional approval processes.

Even with willing participants and shared objectives, the process was challenging and never assured of success. The key was a clear vision incorporating all parties' goals, formulated and agreed upon before any design work began. This was essential when the project faced an apparently irresolvable problem midway through process. Financial objectives and affordable housing requirements had dictated a five story mass. The City Council and the Obermeyer

family were both uncomfortable with the resulting size and it appeared the project was not going to go forward. After reconsidering the criteria, a complete redesign was put forward. If the vision and goals had not been made clear and agreed to by all at the start of the process, the project may not have survived this hurdle.

As it is, the final design for Obermeyer Place both belongs to its community and yet distinguishes itself from other components of the community. The site plan disperses the program into five smaller-scale buildings over a two-level parking structure. The middle building is a single story, allowing access to views and sun from adjacent buildings over a landscaped roof. By designing choreographically, architectural elements lead residents down human-scaled streets to gathering places opening to sun and views. The open spaces connect to the Aspen street system and also the adjacent Rio Grande Park and the Roaring Fork River. Businesses within Obermeyer Place benefit from streets and buildings which have individual personalities and are easily described, such as "my printing shop is in the crescent building."

The architecture combines traditional Aspen materials like red sandstone and brick with airy steel detailing and bold projections. Living spaces are open and bright. The design reflects the Obermeyer family's guidelines for ski wear design: function, beauty, durability - and looking forward.

Cottle Graybeal Yaw Architects has won national acclaim for its work in mountain and resort communities across America, with a special focus on the West. The firm's work has been recognized with more than 100 awards and has appeared in more than 50 publications including Architectural Record, Architectural Digest, Western Interiors and Design and USA Today. **AIA**

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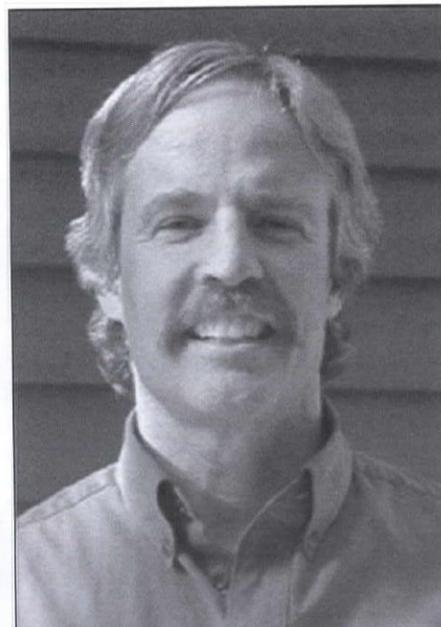
Architecture as a Passion

by Doug Graybeal, AIA Graybeal Architects LLC

Having spent one-third of my life (according to the average life span of an architect) getting educated and one-third of my life putting that education to use, it seemed like a good time to evaluate what to do with the last one-third. Most of us spend our careers perfecting our craft, shuffling papers, sweating the small stuff, and trying to improve our personal weaknesses (that we are afraid to admit we have). We spend long days and nights applying our craft to create

wondrous pieces of architecture that are monuments to some place, person, or obscure design revelation. But, how many times do we stop and think about the impact those structures have on the occupants and our natural world? What are the environmental impacts of harvesting, manufacturing, transporting, and disposing of the materials used to create this monument? As Winston Churchill so wisely said "We share our dwellings, and afterwards our dwellings shape our lives."

After spending my early career trying to change the world I conformed to architectural norms and the world of resort and high-end starter castles. It was a wonderfully charged world with glorious opportunities to explore new and different applications of materials. My longing for a better world continued to haunt me as I talked to clients about downsizing spaces, using environmentally friendly materials, and using the sun to heat their buildings. There were successes along the way, but many more shortfalls. This



Doug Graybeal, AIA

elite clientele could afford the additional cost of a more environmentally friendly building. (Additional cost is a relevant term considering impact on our planet, future generations, and life cycle cost.)

My yearning for a better world has finally gotten the better of me and I decided to solely focus on my passion for environmentally sensitive projects. We as architects are the future leaders of our built environment. As Ed Mazria says, "This is the most important moment in the history of architecture. If architects don't attack this problem, then the world doesn't have a chance." I encourage each and every one of you to stop and consider the impact you are having as a leader in our world. "It's not easy being green." Kermit the Frog. **AIA**



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Four Colorado Architects Elected to the AIA College of Fellows

by Gary Desmond, FAIA

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With the exception of the Gold Medal, fellowship is the highest honor the AIA can bestow on a member. Elevation to fellowship not only recognizes the outstanding achievements of the architect as an individual but also elevates before the public and the profession a model architect who has made significant contribution to architecture and society. Less than 5% of AIA members are elected. To date, 69 Colorado fellows have been elected since 1886.

This year, four outstanding individuals from Colorado were elected of a total of 81 nationally:

**Michael Holtz, FAIA
AIA Colorado North**

Mike has, through research, publications, and design consulting, made fundamental contributions to understanding and improving the energy and environmental performance of buildings. He has demonstrated an exceptional ability to link architectural research to practice for the benefit of the architectural profession.

**Edward White, Jr., FAIA
AIA Denver**

During an extraordinary career spanning 45 years, Ed laid the groundwork and made many significant and far-reaching contributions to the fledgling movement of historic preservation. By practice, he set the example for national preservation standards for future generations. He contributed to public awareness through his leadership in preservations and community organizations while demonstrating excellence by example and education.

**David Tryba, FAIA
AIA Denver**

The work of David Tryba is contributing to the redefinition of the American City. It recognizes that successful modern urbanism must link past and future; contribute to the civic realm; and re-establish connections between people and their built environment. David has been a force in the emergence of Denver as a national model for urban vitality through his design leadership and spokesperson initiatives.

**Brian Klipp, FAIA
AIA Denver**

Through Brian's significant contributions in public service work, he has raised the standards for civic architectural review, demonstrating by personal leadership ways in which citizen's involvement in governmental review processes can affect the shaping of a major city. "Brian took risks and took on his civic responsibilities in a strong instrumental manner... Brian committed himself to seeing three major civic projects through to successful completion..." noted the late Jennifer Moulton, FAIA, former director of the City and County of Denver's Community Planning and Development Agency.

For those who may be interested in learning more about the initial nomination process which now begins for 2005 election process, contact your local AIA Chapter or Gary Desmond, FAIA, Colorado AIA Fellows Task Force, Chair. **AIA**

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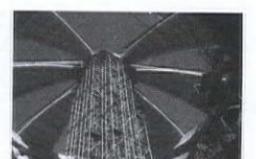
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Design Review

by Bill Pierce, AIA

We have all been there. "Looking down the barrel of a shot gun", across the table from several seemingly insensitive people, listening as our prized design is misunderstood and at best, pulverized, brutalized, demeaned, and dissected in ways we never imagined. These seeming barbarians, these people of the Design Review Board, they could not possibly be qualified to render reasonable criticisms of our deeply misunderstood work. To make matters worse this Review is often conducted in front of our Clients, complicating a somewhat tenuous relationship that has been recently established. Who are these people of Design Review, and how did they obtain the authority to criticize our designs? In Vail, the Vail Design Review is probably the most unpopular venue in town. It is an often-misunderstood process that can create bad feelings and animosity, yet it really doesn't have to. Design Review is there to protect the homeowner and the architect alike and to assure that they sustain the value of their hard work and investment.

To get to the root of Design Review we need to understand its two basic forms: Covenant and Municipal. In Covenant governed Design Review, an Owner of a property in an enclave or subdivision essentially "volunteers" to abide by the authority of the Design Review process. Before the Property is purchased, Design Review regulations are available for review and the Owner is aware of the limitations imposed on the architectural vocabulary of the Subdivision. There are no surprises for the homeowner, because all of the decisions

have been made for them. Covenant governed Design Review usually produces a rather homogenous architectural continuity that is often pleasing and predictable. There are many Property Owners that find this consistency desirable. Not everyone agrees that variety is the spice of life.

Covenant governed Design Review guidelines allow for lay people to more easily participate in the Design Review process. They often specify roof slope, percentages of building materials, size of exterior openings, roof overhang lengths, driveway widths, and in some cases a limited palette of exterior colors. The guidelines are often accompanied by illustrations that can be interpreted by lay Board Members and Owners. While it is always important for the architect to be involved in the design process, just about anybody can navigate and interpret the guidelines and processes of Covenant Design Review.

On the other hand, Municipal Design Review is imposed on existing Property Owners, as well as those purchasing their property after a community has adopted Design Review regulations. I was a Planner with the Town of Vail when Design Review was introduced to the Municipality about 30 years ago, and served as the DRB Administrator at the inception of the Design Review process in Vail. I have had the pleasure of serving on the Design Review Board of the Town of Vail for about fifteen years. I have learned through experience that when a Design Review Policy is adopted, oftentimes a variety of architectural expressions already exist within the community

and a more liberal vocabulary is needed to encompass the diversity. It is for that reason that Municipal Design Review provides a wider variety of architectural expression but is also imminently more complicated and controversial than Covenant initiated Design Review.

The primary purpose of Design Review is to establish and maintain property values. Unfortunately, and all too often, people get frustrated with the process, and don't fully comprehend the restrictions. It is exactly those restrictions and regulations however that make Vail the quality place it is. People come here because properties are well maintained and designed, and there is a high standard that has been established. It is in the best interests of most homeowners to prevent a poorly conceived project from benefiting, based on its proximity to other well-executed properties, that in turn are damaged financially from the ill conceived addition to the neighborhood. Design Review helps to create an architectural environment that conforms to the surrounding community. In Vail, the Design Review Board imposes different standards depending on the location of the project. A higher level of design excellence and materials is expected in the commercial core areas than is expected in the outlying residential areas. This differentiation provides for a variety of architectural expression as well.

The architecture of Vail is diverse but it embraces quality of design as a common denominator. We have outstanding examples of Projects of all architectural styles, often adjacent to one another. An important feature that factors in to the process is the Vail Conceptual Review program. With few drawings, the Vail Design Review Board will provide comments on your proposal that you

can rely on. It saves time, money and aggravation to solicit the opinion of the reviewing agency on early site design and access issues. The less invested in design efforts before the conceptual review the better. It is more likely that any difference of opinion on design matters can be successfully negotiated between you and the DRB. Conversely, the initial review of plans that are highly developed can polarize the Board, Architect, and Owner resulting in un-necessary conflict and expense.

Vail is unique from the surrounding county in that there is no requirement for an Architect to design residential projects unless the project has more than three units. I have always found that there is no more difficult task for a Design Review Board than negotiating the quality of an Owner designed home. Design that is hurried or subjected to unreasonable budgetary constraints can often benefit by the review process.

The most common failure of the Design Review process is the reluctance of Board Members to be straightforward and frank about their opinions of a project. This can lead to miscommunications and delays. It is at this point that a qualified designer can be most effective in the process. The architect is trained to interpret drawings and can generally be more suggestive and comprehensive about what is needed for a project to succeed. The reluctance of a Board Member to examine and criticize is often a disservice to the Applicant. The Applicant can often assume that a minor change in the Application will result in approval at the next DRB meeting. In fact a few more "suggestions" will be made at subsequent meetings delaying

(Continued on page 19)

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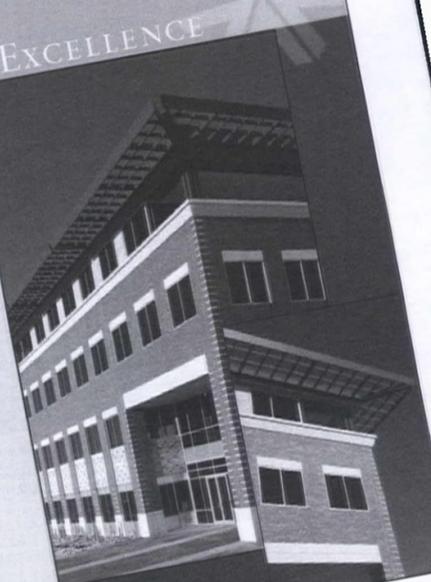
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AIA Colorado Mentoring Network

AI A Colorado has established a mentoring network of volunteer registered architects who offer to meet with architecture and design students, interns, and young professionals to share real-world experiences and offer guidance as they prepare for a career in the design profession. AIA Colorado is partnering with the University of Colorado at Boulder and Denver, as well as many firms in the metro area, to provide this unique opportunity to young professionals across Colorado.

The goal of this mentoring network is to provide an additional vehicle for young professionals to seek guidance and information about their chosen career as they progress through their life long commitment.

Mentors and protégés meet at times and places convenient to them. There are no rules, no minimum requirements, no time limits, and no promise of a job. The meetings may be in person, or they may be virtual, via the computer. The type and frequency of contact is yours to decide. Twice each year, mentors and protégé will be asked to make an evaluation of how the mentor relationship is proceeding and to offer suggestions for the future.

This is an opportunity for practicing licensed architects to help and guide future architects, and to pass on valuable life lessons that young professionals take a glimpse into the world beyond academics and internship and potentially develop a long-lasting relationship with a fellow practitioner. **AIA**

For information on the mentoring network go to www.aiacolorado.org and click on member resources or call the AIA Colorado office at 303.446.2266.

New AIA Colorado Staff

by AIA Colorado Staff

AI A Colorado is pleased to welcome Leslie Acosta, the new Director of Communications and Local Chapter Relations.

Leslie joined AIA Colorado in March after working as the Public Relations and Marketing Coordinator for Denver based Architecture and Construction firm Buchanan Yonushewski Group. In addition, Leslie helped co-lead with founder, Brad Buchanan, Freedom by Design, a volunteer organization dedicated to radically impacting the lives of disabled individuals in our communities through simple design and construction solutions.

"This opportunity is a perfect transition for me after working in the architectural community for 7 years. I am excited to have the opportunity to be a part of the AIA Colorado team. I look forward to furthering the vision and goals of the organization while providing top notch communications, both internally and externally."

In her leisure time, Leslie enjoys the outdoor Colorado weather while running with her labrador retriever and cooking gourmet meals.

Leslie can be reached at 303.446.2266 (ext. 15) or via email at leslie@aiacolorado.org **AIA**

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Denver Fellows Career Initiative

By AIA Colorado Staff

Last quarter, we announced the onset of a program designed to pair our Fellows with Young Architects (Architects licensed less than 10 years) in a mentorship endeavor. The relationship can be short or long term, can revolve around a specific aspect of architecture and design or be more general in nature.

We are proud to announce that the program is up and running and we have

successfully paired most of our available fellows with young professionals. We have received positive feedback from the participants on both sides of the fence.

Opportunities are still available for Young Architects (licensed less than ten years) to be paired up with fellows. If you are interested in participating in this program, please contact the AIA Colorado office at 303-446-2266. **AIA**



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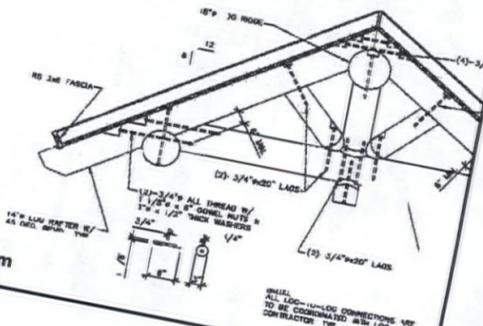
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The New Face of AIA Colorado

by Sonia Riggs, Executive Director

Next time you come into AIA Colorado, you'll notice a few new faces. That's because we've been making some changes. This is a membership organization...created by the members, for the members. So, the staff structure of AIA Colorado is changing to focus more on you, the member. How are we doing this? We are refocusing to take a proactive approach in communicating with current and potential members. We are adding an additional staff person to the membership team. "Membership" will now be "membership services." Our membership services staff will be working

to make sure you are better informed about what your professional organization (AIA Colorado) can do for you and what you can do to contribute to your professional organization. We are also working to better cross-train the staff, so when you call or visit our office, you can get the answers you need, faster.

There are some exciting things happening this year that you should know about...

- This year, we will publish an annual report to be distributed to the membership. You'll see

how your membership dollars were spent, what programs were offered, how the government affairs team worked to protect the profession, and more.

- We are analyzing the communication tools that we utilize (web site, e-newsletter, quarterly newsletter) and working to improve them.
- We are publishing a "programs profile," a tool that will critically review the programs that we currently

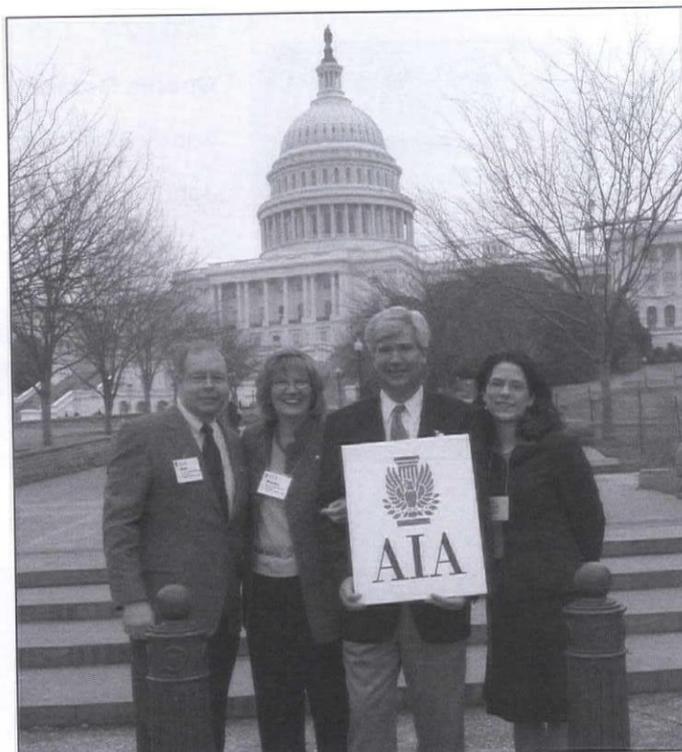
offer and determine where we are falling short on providing programs that best serve the membership.

If you are a member that is not actively involved in AIA Colorado, your organization, I encourage you to do so. Join a committee... run for office in your local chapter... attend an event during architecture week... get involved! You have the power to shape your organization, as others are currently doing. Be a part of the new face of AIA Colorado. **AIA**

Grassroots in our Nation's Capitol



Leaders from AIA Colorado North, AIA Denver and AIA Colorado meet with Rep. DeGette during Advocacy Day at the 2004 Grassroots Conference in Washington D.C. Left to right: Scott Rodwin, AIA, Michael Hicks, AIA, Charlotte Grojean, AIA, Dave Lingle, AIA, Rep. DeGette, Martha Bennett, AIA, John Yonushewski, AIA, Lisa Haddox, AIA, and Sonia Riggs, Executive Director, AIA Colorado.



AIA Colorado at the Capitol, from left to right, John Yonushewski, AIA (President-Elect, AIA Colorado), Martha Bennett, AIA (President-Elect, AIA Denver), Michael Hicks, AIA (President, AIA Denver) and Sonia Riggs (Executive Director, AIA Colorado) take a minute to pose for a picture in front of the US Capitol Building during advocacy day at the annual Grassroots Leadership Conference in Washington D.C.

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Charlie Campbell, AIA

Sandy Blaha, PA

John Anderson, FAIA

Total Raised to Date: \$1,525.00

2004 Goal is \$35,000

Thank you for your contributions!

North Chapter Happy Hour



AIA Colorado North Chapter members socializing at their monthly happy hour. Monthly happy hours are scheduled on the 2nd Friday of each month beginning at 5:30 pm in Downtown Boulder. For additional information and location information, contact Scott via email at scott@rodwinarch.com.

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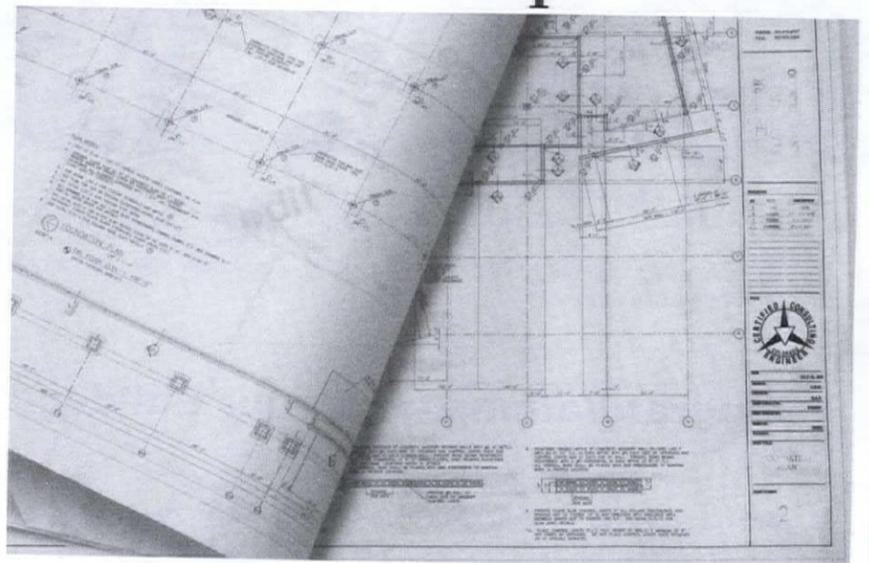
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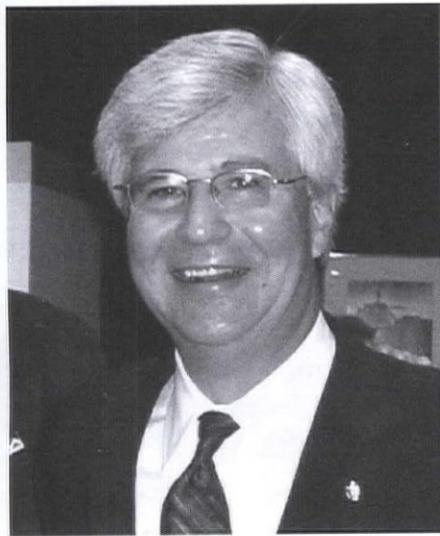
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The Other Side of the Fence

by Michael Hicks, AIA, 2004 AIA Denver President



Michael Hicks, AIA,
2004 AIA Denver President

Since 1972 I have been fortunate to spend over half of my 30+ year career in architecture in the employ of real estate investment and development companies, and, since 1998, as an employee/owner of a construction company.

I have benefited from my experience in many ways. Working on the development of major high rise office and mixed use downtown and suburban projects brought me in contact with many architectural firms from around the country.

Being the "client" representative carried certain responsibilities to the profession. Some of the fundamental duties included fair and equitable contracts, usually based on AIA Documents, timely payment of invoices to consultants and contractors, a thorough definition of the scope of the project prior to the start of design, and as spokesman to governmental agencies and neighborhood associations during the course of seeking approvals for projects.

Looking back on my experience "on the other side of the fence" allows me the benefit of hind sight into one other important aspect for all architects not practicing in a traditional role.

Working with professionals outside of our peer group brings a teaching role to the

job description of "in-house" architect. Educating the decision makers of your company in the value of hiring an architect, explaining the expectations of what can and should be delivered during certain phases of the design process, developing the proper procedures for seeking proposals and interviewing firms for a commission, communicating the architect's design intent in words that your boss can understand, encouraging a designer to go beyond their initial ideas without picking up the pen and sketch paper yourself, and fostering a spirit of collaboration between client, architects, consultants and the builder come with the territory.

Many corporations employ architects to accomplish the design and construction needs of the company's long range goals. We all deal with members of our profession who work for Federal, State and local government agencies. Many of these architects on staff have accomplished tremendous positive change to our profession and the quality of life in our cities including the late Jennifer Moulton, FAIA from the City and County of Denver and Ed Feiner, FAIA with the GSA in Washington, DC.

The rewards for working in a non-traditional capacity can be great, but the responsibility to the profession as an advocate for design is greater. **AIA**

Lines & Columns

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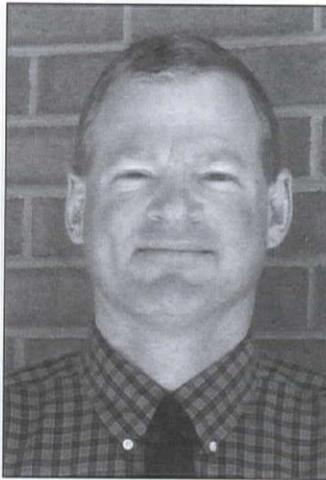
Facilities Management Perspective

by Jim Ramsey, AIA, 2004 AIA Colorado South President

"Architects are generalists." It is convenient for architects to generalize that we bring a broad range perspective to our work – based on our diverse education and professional experience.

Our effectiveness is measured, on almost a continual basis, by our abilities as "problem solvers." The ability to identify parameters, understand key relationships, and predict results is essential to what architects do. Architects bridge between technical attributes of the built-environment and the necessary human interface that these attributes affect. At our best, we bring critical focus to the issues at hand for the organizations and individuals with which we work.

The term "facilities management" conjures up a range of definitions – from which we could categorize, analyze, dissect, and quantify much as engineers are trained to do. More appropriately, architects consider the human element relative to existing built environment – and the yet-to-be-built environment. Within diverse and complex organizations, architects are called on to assess the "physical plant" consisting of buildings, grounds, and infrastructure. We



Jim Ramsey, AIA,
2004 AIA Colorado South President

have the opportunity to derive a common understanding of how to effectively utilize and adapt the physical environment to improve, or even optimize, organizational use of the built-environment.

For the organizations they work

for, facilities management architects and planners bring skill sets that can clarify purpose, conceptualize strategies, measure performance, and enhance achievements. We translate new and adapting initiatives into needs assessments, feasibility studies, program plans, and project budgets – and we prepare presentations to procure financial "investments" through brick and mortar fund-raising. All things considered, we

drive expansion and adaptation of the built-environment that results in significant design and consulting services (we may be your next clients).

Does this sound like a compelling reason to dump your private architectural practice and seek out a glamorous facilities management architect or planner position? Let's be realistic – facilities management also addresses the seemingly mundane issues, with over analysis spiraling into minutia, that also define our performance (not much different from the seemingly minor design detail that can result in disappointment, change orders, and even litigation).

In conclusion, facilities management architects offer unique perspective over the big picture, as well as the detailed snap-shot, which can bring immeasurable benefit to our organizations. **AIA**

Jim Ramsey, AIA, is an Architect II/Planner for the Colorado Department of Corrections and the 2004 AIA Colorado South President.



2004 AIA Colorado South President Jim Ramsey, AIA & 2004 AIA Colorado South President-Elect Stuart Coppedge, AIA listening to a keynote speaker at the 2004 Grassroots Conference in Washington, D.C.



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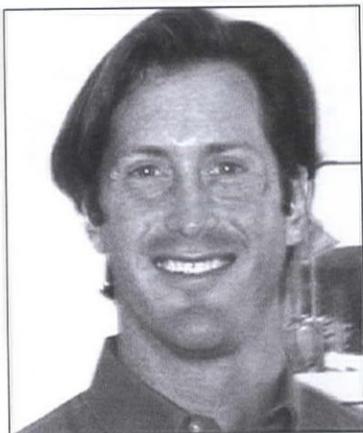
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Have you ever dreamed of developing your own house? Me too. So I did.

Now I'm not going to lead you on. I've only developed one house and know little more than the hundreds of other Colorado architects who also have harbored this dream. But I'll share with you what I learned:

I looked for property every week for 10 years. I read the real estate listings, rode my bike through neighborhoods I liked or were being remodeled and took classes on becoming a builder/developer. I worked with several realtors and sent them out to hunt for my ideal piece of land. I wrote proformas for clients and developers and learned how to estimate a complete project.

Finally, 2 years ago, I found a piece of dirt in an attractive neighborhood and bought it for the purpose of building a spec house. While walking the land one day at the beginning of the design process, I wandered next door to a house under construction. It was similar in size and quality to the house I had in mind. I met the builder. He was also the developer on the house he was building. We communicated well, I felt I could trust him personally and I liked his work. After a few more visits, a tour of his other work and some reference checks, I told him I'd like him to build my house.

I proposed an AIA A111 contract, but the builder asked if we could use a contract drawn up by his attorney and reviewed by mine. We worked on a cost +10% basis with a Guaranteed Maximum Price set 7% above his estimate. There were no liquidated damages specified, but he promised to build the house in 8 months. I told him that I was new to this and asked for his help with everything. I used the same banker that the builder used on his own project; this made the financial logistics for the loan and draws very easy. Using the property as collateral,

I took out a loan to finance the construction. The builder read my business plan, commented on the design and helped refine the specs. It was a partnership in spirit. The design turned out surprisingly conservative. I had always thought that when I became my own client, I would push the envelope (i.e. modern). But when I considered that this house had to appeal to a large unknown audience, I decided to keep it fairly tame.

Like every architectural project, every development project will also encounter unexpected obstacles. During my first visit to Planning and Zoning, I was informed that there was no longer water available to my lot. There had been two months ago, when I bought the land, but the City supplying water taps to the plot had declared a moratorium because of the drought. To make a very long story short, after a three month delay due to the water issue, we got a well permit instead and submitted for permit. Half-way through construction, they gave me a City water tap.

Construction finally started and went well. The GC worked late and on weekends. I put every good idea I had ever had into the house. It was like Christmas morning every time I went onto the site (an hour or so a few days a week). We communicated fluidly and kept pretty good Change Order records. We modified the design on the fly and, I have to say, they knew more than I did about how bath tile should terminate, what the most economical door trim package should be, and how to deal with the inspector on site. I let them know what was important to me, but gave them the following general permission: 'if I ask you to do something unusually difficult or expensive, let me know and we'll see if there is a better way to do it.' Because of this request, they brought more than \$50,000 worth of savings to my attention over the course of the project. I was so pleased with their performance and the quality of construction

that one day in the middle of construction, I walked around the site handing out small cash bonuses to everyone. It was the best thing I could have done. One 50 year old carpenter looked bewildered and said, "In 30 years, no client has ever done that before." They cared before, but now they behaved as though this were their project. They finished three weeks late and 6% over the estimated budget, but the quality was superb and the process was genuinely enjoyable. I could accept that.

Realtors make a lot of money off of the architect's vision, the developer's risk and the contractor's hard work. So I decided to try to sell it myself. I made site signs, handed out flyers to the neighborhood, sent post cards to a 3000 person list of Boulder's wealthiest (bought from the local business journal), created a website and found someone to list the property on the MLS for free. I held Open houses and gave tours. I had three serious bites and one family that came back 5 times. But no one wrote a check. Construction finished in August 2003. In September, I decided it was time to hire a realtor. He hasn't had any luck yet either. Low interest rates keep the carrying cost low, but it's still a \$4000/month drain. I have my fingers crossed that this spring/early-summer will wake up the comatose high-end market. In the end, I will probably break even. A lot of work and risk for no profit. But fun and the greatest learning experience of my career.

In the meantime, I have started the process of developing a couple of \$400,000 homes in Longmont and am flying down to Baja, Mexico next week to look at building an eco-resort.

Piece of dirt.....\$300,000
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(Durango)

Bob Ralston, AIA
(Steamboat Springs)

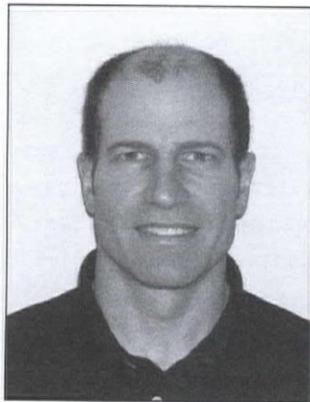
Robbie Dickson, AIA
(Summit County)

Ann Darby, AIA
(Vail Valley)

Director of Local Chapters
Leslie Acosta

West Chapter 2004 Vision

by Jim Buckner, AIA, 2004 AIA Colorado West President



*Jim Buckner, AIA,
2004 AIA Colorado West
President*

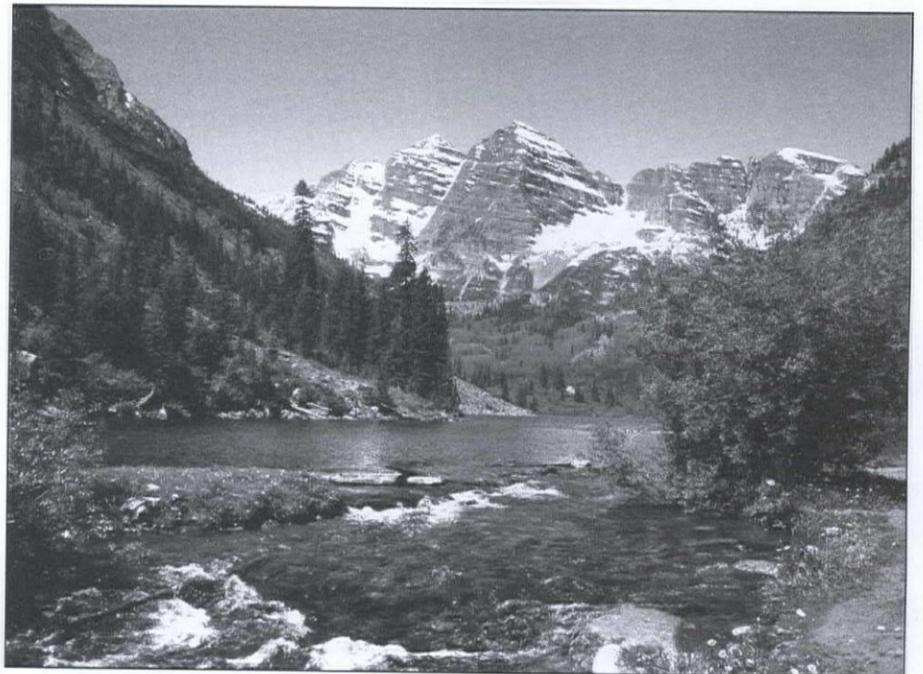
As Colorado West chapter president in 2004, I will continue to lead the conversation with our "West Slope Growth Management Task Force" set in motion by Chris Green in 2002. We can further explore how we can be of service to our communities, whereby ensuring the quality of life that we chose living in mountain communities. This is also a great opportunity to further educate the public on our value and services in the private sector.

The future of our profession lies in the younger generation. Some firms go far in mentorship. Our chapter has already discussed how we can go farther. We want to be more involved with interns and young architects, providing outlets for design expression and interaction. We want to recognize their talents outside of their employer, along with getting them

involved in shaping their own communities for the future.

Continuing to increase our membership only strengthens our respectable exposure to the masses. First, we have to work hard on understanding our non-members' expectations. The AIA CO membership committee will always be around as long as perceived value in our own profession is at all misunderstood. We will continue the teamwork and push ourselves harder to get back on track in this effort.

Lastly, "sustainable design" should be a familiar offering to our clients by now. The AIA should be an integral part of accelerating this philosophy and industry. We will do our part through CEU seminars on the western slope. Until then, there is plenty of space in the west for landfills, Right?! **AIA**



(Continued from Front Cover)

Excellence, Inspiration and Community Leadership

indicated was important to our communities and our clients: We (Architects) are the voice of the future, we humanize communications and these, among other positive attributes, make us better suited than most to be caretakers of our communities. The AIA Brand.

Diversity as an issue captured the attention of a number of our delegation. One of the members of the Western Mountain Region is a professor at the University of Wyoming and a member of the national AIA diversity committee who presented a few findings of their committee motivating our members to want to be more inclusive of young architects, women and architects of color. The question is: How do we do a better job of being a more diverse organization?

On Friday morning we were addressed by Dr. Benjamin Carson, Director, Division of Pediatric Neurosurgery at Johns-Hopkins University. His message of inspiration included the experience of growing up with a caring mother who made him study instead of

watching television. His personal quest to become a neurosurgeon was determined, and compassionate. His stories of operating on the brains of his patients were the stories of hope, success, and sometimes failure. His failures made a structural deflection or cracked plaster wall appear insignificant. He urged us to be determined, compassionate and caring as we work to become a part of the success of the development, growth, and visible fabric of our communities. He encouraged us to consider each project and client as one of ours, to get involved, to get to know who we are creating places for so that we may provide appropriate places to nurture and feed the spirit of our communities.

AIA Colorado, for the third year in a row, received a component excellence award. Congratulations to AIA Colorado's staff for another award winning year.

AIA Colorado was specifically recognized by President Gene Hopkins, FAIA, for our strategic planning efforts and for creating the AIA Colorado 2004 Strategic Plan. Toward recognizing this effort we must recognize John Williams, AIA our 2001 President for the vision he had in developing the May 19, 2000 Board Initiative that ultimately caught

national's attention. Thank you, John, for your vision. And thank you to Bill Tracy for the 2003 effort that became the precursor to the 2004 report, and, of course, thank you to the 2004 Strategic Planning Committee for an admirable and nationally recognized effort. This plan provides a clear direction of where the state board and local chapters will be going in the next few years. If any of you wish to review this document please call AIA Colorado and we will send you a copy.

Walking away from Washington, DC this year I believe there was a clear, identifiable direction provided by our national leadership that forms the basis for development of strong and powerful tools for AIA Architects to use to communicate to our neighbors and clients on who we are and what we are about.

The message is this: AIA Architects don't just do buildings; AIA Architects are part of the community, we are knowledge facilitators, we take pride in our work and our hard work has a real impact on the quality of our communities. AIA is a powerful and credible credential. AIA Architects are professional, visionary, knowledgeable, collaborative, diverse and effective members that are essential to the strong fabric of well designed livable communities. **AIA**

(Continued from page 1)

Theater Design

The smaller "studio theaters" address a different part of the theatrical spectrum, but fill another equally important community role. While there is no encompassing definition for this type, they are usually small (50 - 150, 250 max.), frequently have a flat floor with moveable risers for the seating, and a lighting grid that covers the entire ceiling. Small and intimate, they better suite the modest productions that more commonly come to or emerge from our western communities. With ultimate flexibility in seating arrangements, lighting, and staging configurations the theater accommodates a greater variety of modern productions and can usually present film and video as well. They are usually simple and eschew the formalities of traditional theaters. As a result they can be comparatively less expensive.

Like the original black boxes, which were converted from lofts and warehouse space, these theaters frequently occupy existing buildings that were not originally planned as performance space. As a result the exterior can take

(Continued on page 18)



Olson Sundberg Kundig Allen Architects - Photo: Paul Warchol



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ARCHITECT

Stop by the Park Central lobby (1515 Arapahoe St., Downtown Denver) starting on April 24 and running through May — to view entries from the 5th Annual Young Architects Awards Gala and the Cell Tower Competition. For more information, call AIA Colorado at 303.446.2266.

Calendar for Architecture week 4/23-4/30

April 23

**AIA Denver Breakfast Series
7:15am - 9:00am**

Denver Design Center, 595 S. Broadway, Ste. 200

Kimon Onuma, AIA will present the Parametric Modeling creating "Smart Objects" as design tools- the genetic code of future architectural practice

Young Architects Awards Gala & Beaux Arts Ball 6:00pm - midnight

Museum of Contemporary Art/Denver
As the kick-off for Architecture Week 2004 this year's Architect's Awards Gala will give tribute to the architect's role in the community. Recognition will be given for the achievements of our young architects, interns, and students during the awards program and a special hour will be dedicated to the esteemed AIA Fellows for their accomplishments. The evening will finish off with the annual celebration of the students Beaux Arts Ball.

April 23

**AIA Colorado South
ASHRAE "Green Building Design
A practical Approach**

April 24

Box City 10:00am - 4:00pm

Wellington Webb Municipal Office Building
AIA Denver Urban Design Committee presents the 14th annual Box City event. Box City is a unique children's event that promotes an understanding of historic preservation and urban design by combining art and architecture, creative thinking, city planning, design and construction, fun and learning into one comprehensive education experience. On the day of Box City over 100 children and their families will descend on Box City to construct a miniature cardboard city.

April 26

Will Bruder Lecture - 5:30p

Museum Collection Bldg., Rm. W100
University of Colorado /Boulder
The University of Colorado College of Architecture and Planning holds their Spring Lecture and Exhibition Series 2004. Join the University for an evening with Will Bruder, AIA as he presents Vision of a Journey."

For more information contact The College of Architecture and Planning, University of Colorado, Denver Campus: 303.556.3382 or Boulder Campus: 303.492.7711

April 27

**Reception/Cocktail Party with
Daniel Libeskind @ 5:30p - 8:00p**

The Denver Art Museum (MAD at the DAM!)

This is the first in a series of networking receptions sponsored by AIA Denver this year. Watch for your invitation in the mail.

April 28

**Breakfast/Lecture w/ Libeskind @
Hyatt Hotel - 7:30 a - 9:00a**

Hyatt Regency Hotel
The Downtown Denver Partnership, and AIA Denver are pleased to present a special presentation by Daniel Libeskind, World Renown Architect. As the lead designer for the Denver Art Museum's Hamilton Building expansion, Daniel Libeskind is one of the most influential architects of our time. In 2003, Libeskind was selected to design the master plan for the World Trade Center site in New York City. The Denver Art Museum will be the first Libeskind-designed building completed in America.

**Arch. Lab/AIA Denver Lecture Series
Panel Discussion: "My City Ain't Your
City: 550,000 views of Denver"
6:00pm - 8:00pm**

Taxi Bldg.
AIA Denver and the Architectural Lab/Denver present the last lecture in their Spring Series as a moderated panel discussion on urban conflict resolution

April 29

**AIA Colorado South
Colorado College Lecture Series
John Dixon Hunt**

April 30

**Tour of the Dikeou Collection with
MOCA/D Tour****AIA Denver Breakfast Series
7:15am - 9:00am**

Denver Design Center
Design Spell Checking 3D CAD Clash

**U.S. Green Building Council - LEED
Workshop 8:00am - 5:00pm**

Denver Botanic Gardens
The USGBC holds an advanced LEED Workshop in conjunction with their annual celebration. HSW credits available. For more information contact Tom Hootman @ 303.623.7323

**U.S. Green Building Council-
Colorado Spring Event 5:00pm - 11:00pm**

Denver Botanic Gardens
USGBC holds the 2nd annual Spring Event in celebration of their first year as a chapter. The event will include a buffet-style dinner including complimentary

ry beer and wine. Keynote speaker Jonny Weiss will discuss "Solar Power-What's Happening?" Music and dancing will follow the keynote presentation.

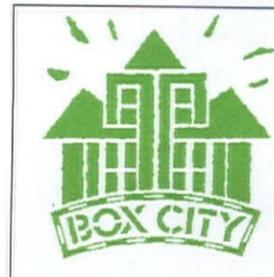
For more information contact Tom Hootman @ 303.623.7323 **AIA**

Box City

Saturday, April 24th 10am - 4pm

Sponsored by the AIA Denver Urban Design Committee

The AIA Denver Urban Design Committee is sponsoring the 14th annual Box City to be held at the Wellington Webb Municipal Building on Saturday, April 24th, 2004 from 10 a.m. to 4:00 p.m. Volunteers will be helping elementary school aged children build the city of their dreams!



Box City is a unique children's event that promotes an understanding of historic preservation and urban design by combining art and architecture, creative thinking, city planning, design and construction, fun and learning into one comprehensive education experience. Prior to the event, volunteer architects prepare a city grid complex with roads, rivers and zoning requirements. When kids arrive, they fill out a building permit for the type of building they'd like to create (an office building, church, school, library, museum, sports arena, etc.). At the "Hardware Store," volunteers help distribute cardboard boxes, markers, colored paper, glue and scissors for the projects. In the "Construction Zone," kids build their

dream structure and talk with volunteer "Building Inspectors" about their development. Upon completion, the young developers are escorted to the

city entrance to determine along with volunteer "Planners" the best location for the structure. Box City is a free event designed for students in grades K-5. The

AIA/Denver UDC is recruiting sponsors to raise money through the event for the not-for-profit organizations Girls Incorporated of Metro Denver and Family Star Fatherhood and Families Collaborative. Schools, museums, recreation centers, and organizations across the country have adopted the event as the perennial favorite architecture toy and teacher for kids.

R.S.V.P or more info - AIA Colorado 303.446.2266, or Lisa Daniel, dldaniel@indra.com

Space is limited, RSVP's will be guaranteed entry.

Children must be accompanied by a responsible adult or sibling.

AIA



**BOX CITY 2004
Volunteers/Participants needed!**

Help teach children the importance of Urban Design and Architecture. Kids will acquire Permits, visit the Hardware Store for supplies, build in The Construction Zone, and meet with "City Planners and Inspectors" to Build the city of their dreams!

IDP credit available
Please contact the AIA Colorado for further info., 303.446.2266
RSVP to Lisa Daniel, AIA dldaniel@indra.com, 303.308.0655

This is a sponsored event given by AIA Denver/Urban Design Committee
Free for children grades K-5
Proceeds will be donated to Girls Incorporated and Family Star

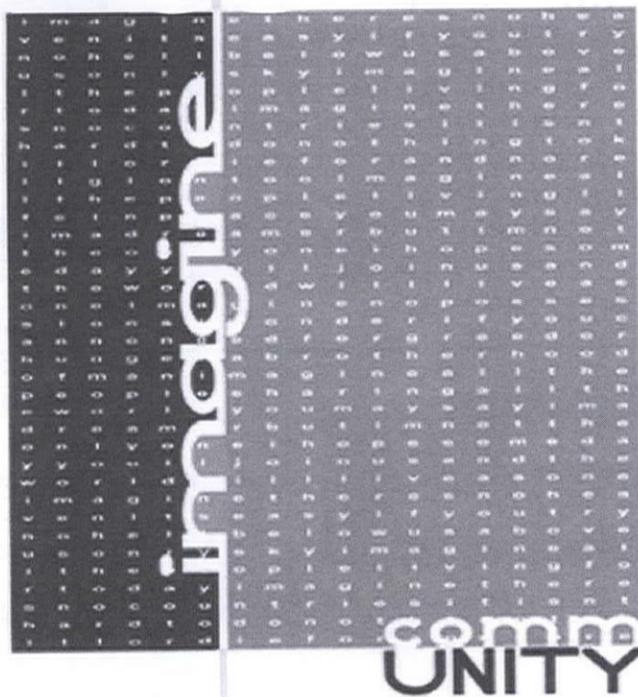
**April 24 10am - 4pm
Wellington Webb Building Atrium**





T U R E W E E K

aia colorado fifth annual young architects awards gala & beaux arts ball



april 23rd, 2004

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starting at 6:00 pm
w/ outdoor reception
open to the community

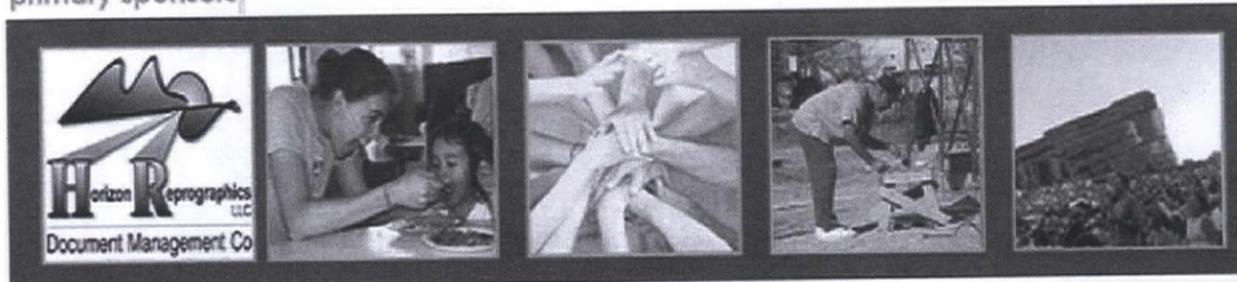
IMAGINE

AIA Colorado is proud to announce IMAGINE, our fifth annual Young Architects Awards Gala, dedicated to promoting and recognizing the youngest generation of the architecture profession - our students, interns, and practitioners licensed less than ten years. We celebrate the future of architecture during Colorado's largest architecture event of the Spring as we honor its emerging professionals with awards in ten categories. This year we will also continue with the partnership between AIA Colorado and the American Institute of Architecture Students of CU Denver and Boulder. We will end the night's celebration with the AIAS hosting their annual event, the Beaux Arts Ball, where everyone is invited to celebrate with the night's award winners.

community

The theme of this year's event is IMAGINE: community. As the kick-off for Architecture Week 2004, our event will give tribute to the architect's role in the community, as service providers and as fellow citizens. We will recognize the achievements of our young architects, interns, and students during our awards program, and we will also promote architecture to the greater community. The Gala and Ball will take place at the Museum of Contemporary Art | Denver, our host and partner, and will begin with a reception outdoors in Sakura Square which will be open to the community. Our theme this year has been expressed and guided by the words of John Lennon: "Imagine all the people, living for today...living life in peace... sharing all the world..."

primary sponsors



for more info contact: Jason Pettigrew, assoc.aia, yaag chair - jpettigrew@siaterpaull.com
AIA Colorado 1515 arapahoe street, suite 1-110 | denver, colorado 80202 | 303.446.2266

AIA Colorado, Young Architects Forum, the AIA Denver Urban Design Committee and T-Mobile are proud to announce their upcoming Cell Tower Design Competition. Enter a design competition to develop alternative tower structures for the wireless telephone utility. This competition champions the placement of stealth towers as suburban landmarks and neighborhood icons instead of a multiplicity of utilitarian eye sores in communities they serve. Call for entries located on page 22.

(Continued from page 15)

Theater Design

many forms. A project that HTA did with Matt Stais Architects in Breckenridge transformed the rather notorious O'Toole's bar into a sixty-seat studio theater. (fig. 6, Breckenridge Theater)



fig. 6, Breckenridge Theater

As more western towns and cities grow and mature, the new theaters they build, studio or proscenium, will become part of the grand tradition and contribute to the ongoing evolution of theater design. For architects, these theaters offer the opportunity to work on a project that is inherently very collaborative and frequently innovative. So basic to human nature are performance activities that the fundamental problems in performance space design have not changed for thousands of years, but the theater itself continues to evolve. The opportunity to participate in the excitement of evolution, and the magic of the theater in general while addressing these old problems with new technology continues to attract good architects to make wonderful new buildings. **AIA**

(Continued from page 2)

Digital Photography's Role In Architectural Practice

ple/traffic/clean-up and preferred lighting conditions. Lighting, both natural and artificial, should be optimized for time of day, day of the year and predictable weather conditions.

Techniques and tools...

The shoot begins with camera adjustments to complement each image and angle. Extensive field and later lab time can be saved if an assistant is employed to clean up the scene, re-locate lights, accessories and furniture. Basic equipment evolves a professional digital camera, wide angle and

zoom lenses, mounted on tripod with remote shutter/zoom cable. A portable laptop computer with USB cable tethered to the camera should be employed to check the work in progress. The architect may wish to view preliminary shots to see that images meet his goals and/or request changes.



BEFORE



AFTER

Digital lab "magic"....

In the digital lab, further creative and intuitive skills of the architectural photographer come into play. Utilizing Photoshop 8 CS, each photo undergoes minimal enhancements and perhaps previewing or final image selections by the architect. Minimally images undergo: removal/replacement of distracting items, distortion correction, color enhancement, exposure improvement, cropping to appropriate sizes, contrast/brightness and final sharpening. Depending on the intended use, size and quality of each shot, some images will receive further improvements.

Photoshop 8 CS has a huge array of tools and techniques to further improve selected shots. Since buildings often have severe contrast of well lit surfaces versus those in deep shadow, complex Photoshop techniques can be used to bring out the best in your project. Here we replace and recolor the sky, recolor the grass, remove distracting buildings and insert better background materials, landscaping and grass, especially for the unfinished building, together with other complex "clean-up" magic.

"Photography from an Architect's perspective..."

Currently Jack Dysart is an AIA architect who prefers to specialize in architectural and residential photography. Since childhood, photography has been integral to Jack Dysart's lifestyle. Son of an artistic physician-photographer, during Jr. High school he built his own "dark room" and won newspaper photo competitions. Over the years he has shot architectural, interiors, historic buildings, construction progress, defects in construction, scenic, etc. Photography has always been integrated into his architectural education, practice and construction. He is a Director of the AIA West Chapter and member in ASMP American Society of Media Photographers. He has created and is now "re-constructing" www.Design-Photography.com as time allows. "Have camera, will travel" **AIA**

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(Continued from page 3)

WMR Firm of the Year

AIA Involvement

Aller-Lingle Architects P.C. encourages its professional staff to become active members of the American Institute of Architects, and to that end, support their memberships by contributing 75% of their dues. 100% of their current professional staff are members of AIA. They also sponsor continuing education opportunities for their staff to not only maintain their AIA memberships, but to support their creativity and technical expertise to produce efficient and cost-effective design solutions.

The firm has actively participated in AIA-sponsored events and programs. Principals and staff have or are currently involved as members of the AIA Colorado North Chapter Board of Directors, AIA Colorado Board of Directors, AIA Colorado Government Affairs Committee and the State Government Network. Legislative involvement has become an increasingly important part of their practice, and the firm hosted the first Legislative Open House for northern Colorado legislators and candidates in September 2002.

Community Involvement

In addition to AIA and affiliated professional organizations, Aller-Lingle Architects P.C. encourages their staff to become active in their communities. Principals and staff have or are currently serving on city boards and commissions

in Fort Collins, Loveland and Greeley, Colorado, as well as serving on Boards of Directors for non-profit agencies such as Project Self-Sufficiency and Funding Partners for Housing Solutions. Support for other community groups include the United Way, school advocacy groups, youth sports organizations and local church groups.

The firm is currently exploring sponsorship of design awards, scholarships or lecture series support at three accredited architecture schools within the Midwest and Rocky Mountain regions.

Conclusion

Architecture combines the best that science and art have to offer. It requires a love for creation, to watch our designs transformed from two-dimensional drawings into an actual structure in which people will live, work or play.

Architects are generally the most discerning, and critical, of each other's work. They push each other to do their best work, not only in competition with one another, but also in furthering the profession of architecture. They take seriously the obligations to their clients, as well as the role they play in shaping the built environment of the communities in which we work, designing creative solutions to common, and sometimes not so common, problems. And through it all they try to have fun. Congratulations again to Aller Lingle Architects for receiving the honor of 2003 WMR Firm of the Year. **AIA**

(Continued from page 7)

Design Review

approval of the Project or, in the worst case, the DRB will deny the Project after the Applicant has made "good faith" efforts to meet the expectations of the Board. It is the responsibility of the DRB members to inform the Applicant, at the first meeting, if the basic site planning, massing, orientation, or architectural character is wrong. It may be difficult to give, or receive, this information, but it will save the Applicant and Board time, expense and frustration.

Vail Design Review has often proven beneficial to the architect. Most architects have been subjected to design compromises that can and usually will deter the quality of a project. The DRB can assist the designer in improving a Project that is pressured by either a Developer or Owner to reduce design and material quality in order to minimize construction cost. Participation on the Design Review Board has helped me with my own projects as well. Board Members are presented with the latest in building products and technology. The Members learn of construction methods that have not been successful in the past and what remedies are necessary to correct shortcomings on existing buildings. From the efforts of other Applicants I can assess how to make our Firm Projects more successful.

Architects spend many years developing the skills needed to successfully

design and execute a project. It should come as no surprise to the Architectural community that a large portion of the population does not recognize the value of Municipal Design Review let alone the hierarchy of compromises involved in the design process of a Project. It takes training and patience to be able to navigate complicated and intricate Design Review Guidelines. Additionally, it requires experience and training to recognize and prioritize the challenges presented by all design efforts. Involvement by architects, those who face these challenges each day, provides a basis for success of the process. **AIA**

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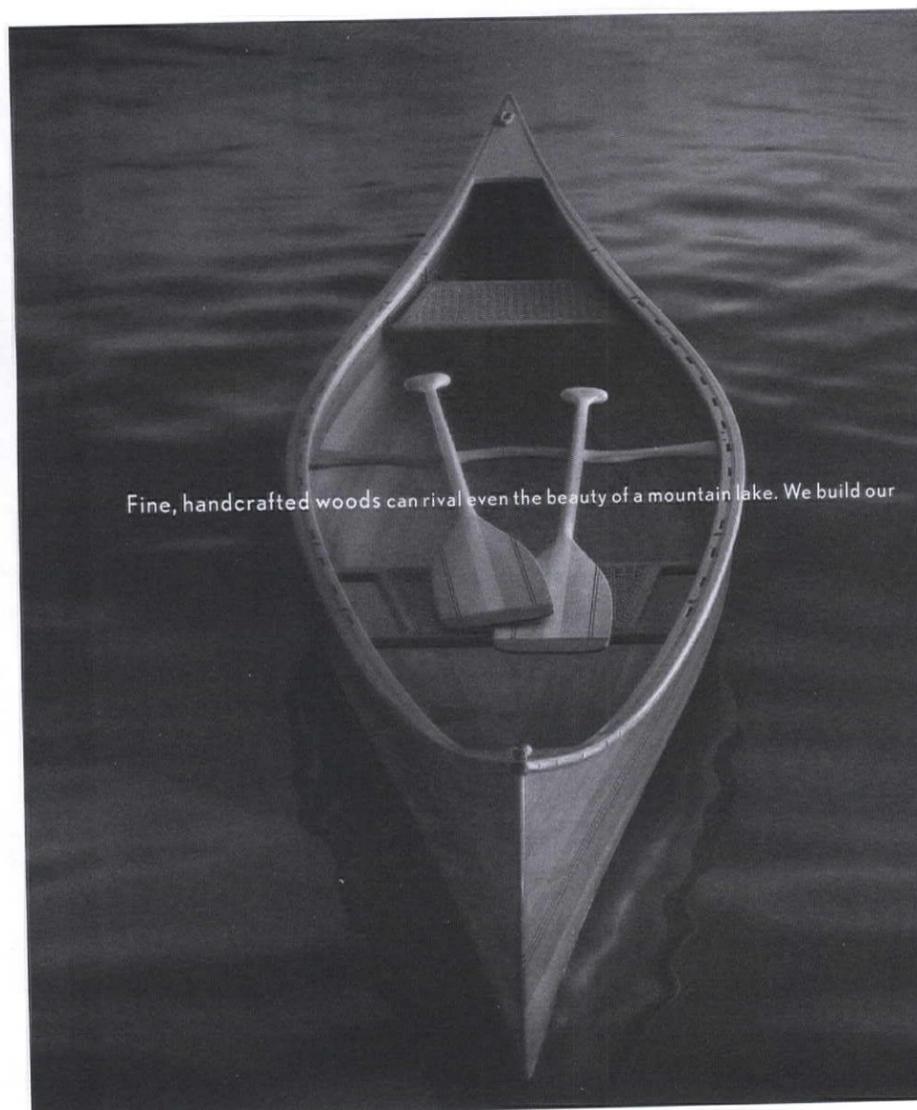
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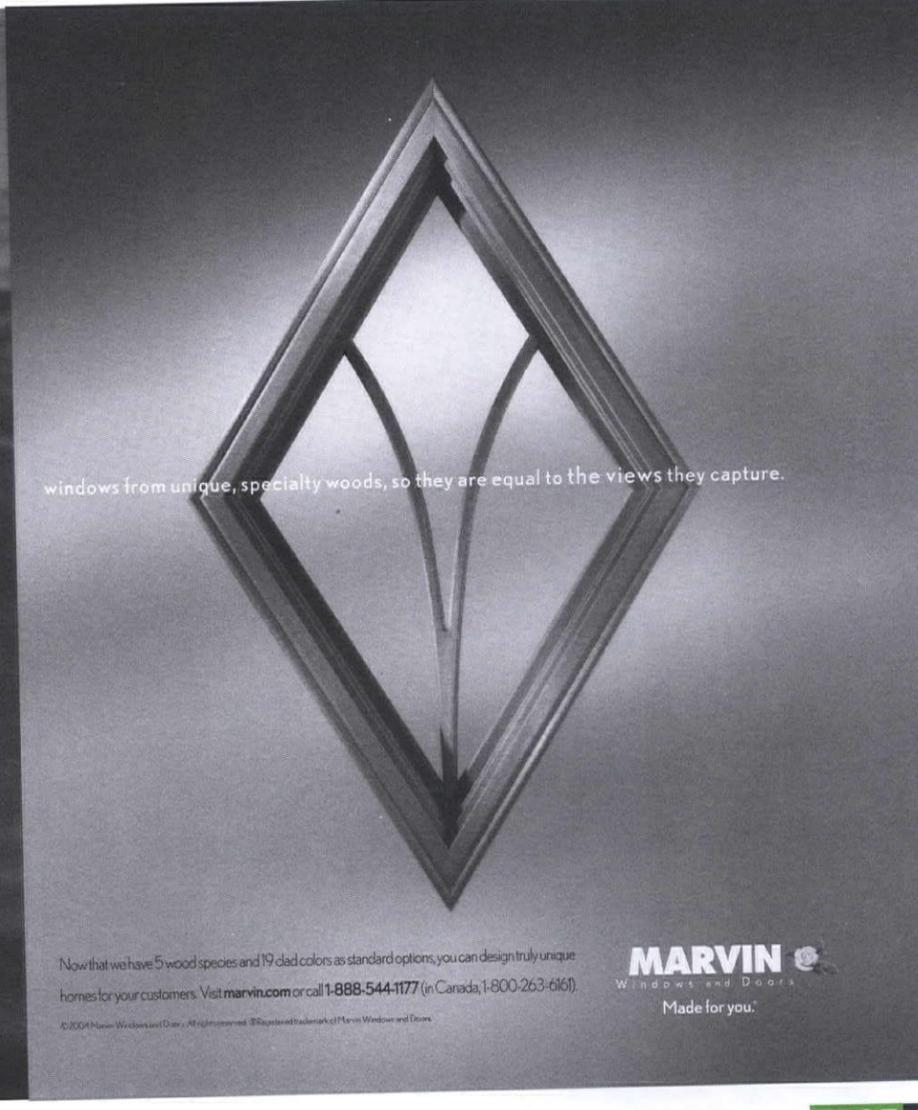
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New Urbanism's Values

by Karen Thomas, AIA

The restoration of existing urban centers and towns within coherent metropolitan regions, the reconfiguration of sprawling suburbs into communities of real neighborhoods and diverse districts, the conservation of natural environments, and the preservation of our built legacy.

Neighborhoods should be diverse in use and population; communities should be designed for the pedestrian and transit as well as the car; cities and towns should be shaped by physically defined and universally accessible public spaces and community institutions; urban places should be framed by architecture and landscape design that celebrate local history, climate, ecology, and building practice.

Physical solutions by themselves will not solve social and economic problems, but neither can economic vitality, community stability, and environmental

health be sustained without a coherent and supportive physical framework.

"Congress For New Urbanism"

These New Urbanism principles are evaluated and implemented for the development projects proposed and completed by Boulder based Coburn Development, Inc. (CDI). CDI believes that New Urbanist developments should encourage a return to mixed-use residential/commercial neighborhoods, should emphasize appropriately scaled streets, pedestrian zones and housing, and incorporate preservation wherever possible. The element of affordability is carefully sustained through deliberate planning and land use policies. In our local environment, developments which add new construction to infill areas and advocate the restoration of landmarked or potentially contributing structures balance and integrate the testimony of Boulder's past with the possibilities of its future.

CDI has been specializing in mixed-use communities and urban infill projects for the past 19 years. The mid size design/build firm provides complete planning, designing and building services for residential and commercial use and site development.

The company is comprised of three departments; Development, Design and Construction. The successful integration of these departments is what allows the company to provide the depth of services required to create a successful New Urbanism project.

Development: Mixing a combination of financial expertise, sensitivity to design issues, construction knowledge and sales history, the Development Department creates informed consultation of proposed ideas and plans. With experience in mixed use, commercial and residential projects, Coburns

Development group brings a unique ability to monitor the assumptions and re-assess future expenditures to ensure financial success in moving a project from the conceptual idea to the final built environment.

Design: Coburn Development's Design Department creates innovative and responsive designs for planning and architectural projects. Integrating the New Urbanism principles, the design group is committed to creative solutions that look beyond the obvious and push the envelope for better responses to each job. Working in a design-build environment brings a unique ability for the design group to understand the reality and challenges of taking a design from the conceptual design stage into and through all stages of construction.

Construction: working in a design-build environment brings a unique

ability for the construction group to know the steps and be familiar with the design sensitivities involved in moving a project to the completed construction stage. This experience helps all parties understand the roles of the many individuals involved in a project, and creates a clearly communicating project team.

The following projects represent successful utilization of the New urbanism principles in Coburn Development's Boulder projects:

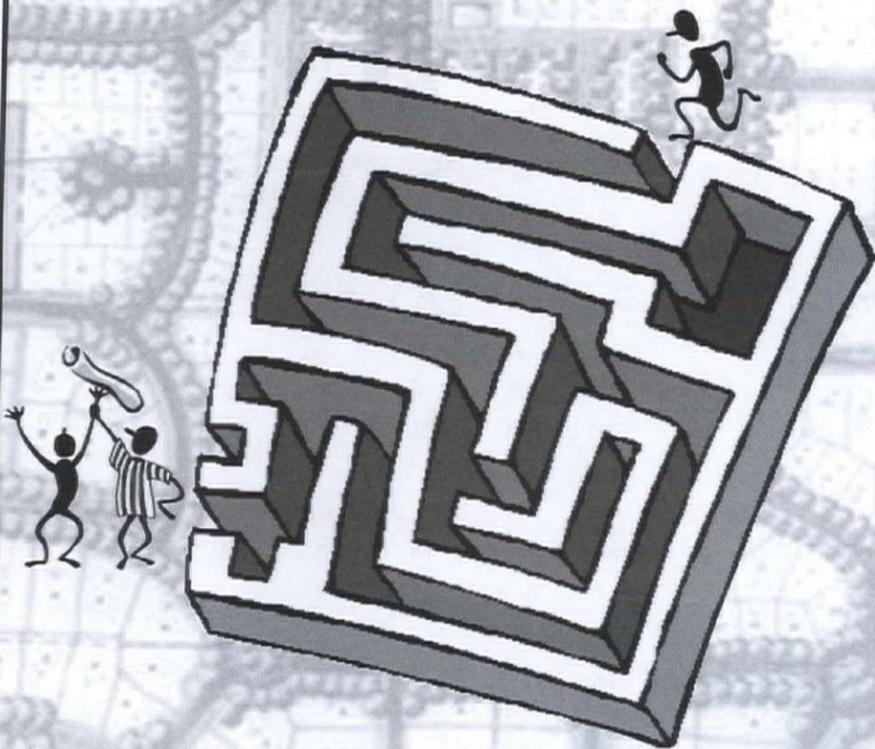
Boulder Century



A mixed-use project located on Pearl Street in Boulder, Boulder Century combines commercial, office, high-end condominiums, historic renovation and affordable residences into an interwoven, infill addition to downtown Boulder. The design combines the architectural heritage of Boulder's past with the forward vision of its modern designers and planners. This award winning in-fill community is vibrant both day and night, extending the vitality of Pearl Street eastward, with its pedestrian engaging facades and provisions for automobiles on the interior of the site. Infill and New Urbanism promotes better Land use. This site was once home to one business; the Century project is now home to three businesses and six residential units. The main building on Pearl Street provides for a variety of commercial shops at the street, while the second and third floors are Coburn Development's own Boulder offices. The residences are arranged to preserve a neighborly scale on 18th

(continued on next page)

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(continued from previous page)

street, and provide a variety of design sensibilities, from modern condos to the award winning restoration of the century-old Cary Hotel. This downtown site, born in 1900 with the Cary Hotel, has found its rebirth a Century later in this flagship project.

Pearl Street Cove



An under construction mixed-use project located one and a half blocks east of Pearl Street Mall, Pearl Street Cove will combine commercial, retail and residential space at a pivotal location in the heart of Boulder. It will enhance the pedestrian experience in this part of downtown, provide desirable office space, and allow for a sidewalk-bordering restaurant. Parking will be provided underground, minimizing the impact of cars, and the residential condos will take advantage of the view inspiring third floor location. The project is designed to continue the pedestrian scale of the Pearl

Street mall, as the main floor entrances to retail and restaurant space are directly off the sidewalk. Most of the ground floor walls are transparent, and there is a high level of architectural detailing on the street façade. This project will maintain the character and interest of the Pearl Street corridor.

Steel Yards



Coburn Development is completing the re-development of the ten-acre former Boulder Steel site into a New-Urbanism community. Steel Yards combines 90 residential units with retail, office, service and light industrial spaces in a pedestrian oriented live/work neighborhood offering a sense of place and character as yet uncommon to Boulder. Affordable housing agreements with the City of Boulder make this neighborhood a prototype for blending sustainable living with quality of

life. Re-developing an underutilized parcel within the City limits helped to extend the use of City services and utilities to provide the development with access to all of the resources and amenities of the City. A neighborhood has evolved being touted as the "new part of town" while being embraced by environmental groups notably as an inductee into the 21Co Ping Hall of Fame in 2001.

Iris Hollow



CDI has created the site planning, building and design for Boulders' first New Urbanist neighborhood. An innovative, 85 unit, pedestrian oriented project, this seven acre parcel will become a mixed-use community consisting primarily of

small, detached housing laid out into 38 small lots. Additional housing development includes condominium buildings, row houses, and cottages. Amenities such as a Montessori school, guesthouse, and business studios impart to this site a distinctive place within Boulders current housing structure. Public green spaces and an improved parkway will be open for public use. Iris Hollow will contribute over 40 units to Boulders permanently affordable housing. Iris Hollow is the proud recipient of the July 19, 1997 Governors Smart Growth Award. **AIA**

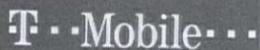
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AIA Colorado, Young Architects Forum, the AIA Denver Urban Design Committee, and T-Mobile are proud to announce:

Cell Tower

Design Competition Call for Entries

What:

Enter a design competition to develop Alternative Tower Structures for the Wireless Telephone Utility. This competition champions the placement of Stealth Towers as suburban landmarks and neighborhood icons instead of a multiplicity of utilitarian eyesores in the communities they serve.

Entry Fee: \$20.00

Prizes:

- 1st Prize\$5,000 and a T-Mobile Telephone
- 2nd Prize\$1,000 and a T-Mobile Telephone
- 3rd Prize\$500 and a T-Mobile Telephone
- 4th Prize\$100 and a T-Mobile Telephone
- 5th Prizea T-Mobile Telephone

Why:

The wireless telephone industry is exploding into sub-urban and rural landscapes in their continued effort to improve wireless telephone reception through the land. As the wireless industry developed, Central Business Districts and major thoroughfares were the first regions to provide quality signal coverage. Now the signal areas are being improved for all suburban and residential areas as well as undeveloped regions across the country.

The Design Challenge:

Design an Alternative Tower Structure [ATS] Site that inspires the landscape and neighborhood locations with an aesthetic benefit while improving the wireless communications signal coverage.

Create a 1/2" = 1'-0" scale model of your proposed ATS and ground equipment zone for submittal meeting the following criteria:

- Maximum Cellular Antenna Equipment height = 50'-0"
- Maximum Alternative Tower Structure [ATS] height = 56'-0"
- Maximum ground transmission and reception equipment volume = 24' length x 12'width x 10' Height
- The maximum tower shaft volume shall fit within a rectilinear area of six [6] feet square by fifty-six [56] feet tall.

An additional volume for the antennas or antenna on the ATS shall not exceed four hundred and fifty [450] cubic feet with no one dimension greater than fourteen [14] feet. This volume shall be determined by appropriate volumetric calculations using the smallest regular rectilinear, cubical, conical, cylindrical, or pyramidal shapes encompassing the perimeters of the array. Please provide a "falling-over-proof" presentation base for your design model measuring approximately 16" long x 8" wide x 4" high.



suburban

community

How to Enter:

Registration for your own Alternative Tower Structure design must be received at AIA Colorado by April 15th, 2004. You are invited to register your own Alternative Tower Structure design with a \$20.00 entry fee. Registration is open until April 15th, 2004. Entries are due at the AIA Colorado offices by noon on April 22nd, 2004 - Earth Day. Your ATS competition entry will be displayed at the Young Architects Awards Gala, weather permitting, Friday April 23rd, 2004 and for the following weeks in the lobby of the Park Central Building on the 16th Street Mall. Entries will available pick-up after May 3rd at the AIA Colorado office at 1515 Arapahoe Street. Any competition entries not claimed by May 7th 2004 become property of AIA Colorado.

The competition jury will be:

- Will Bruder, AIA - Will Bruder Architects
- Kenny Be - Cartoonist for Westword
- Cab Childress, FAIA - AIA Colorado Architect of the Year, 2003
- Susan Barnes-Gell - Civic Activist and Writer
- T-Mobile Representative

Questions? E-mail - richcarstens2003@hotmail.com

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- (continued on page 23)



AIA Colorado 2004-2005 Firm Profile and Membership Directory

PUBLISHED BY



The 2004-2005 AIA Colorado Firm Profile and Membership Directory is the exclusive source for the most-up-to-date information on all AIA Colorado members and architectural firms. Published by McGraw-Hill Construction, this user-friendly directory will be distributed throughout the construction, design and development industry in Colorado, including:

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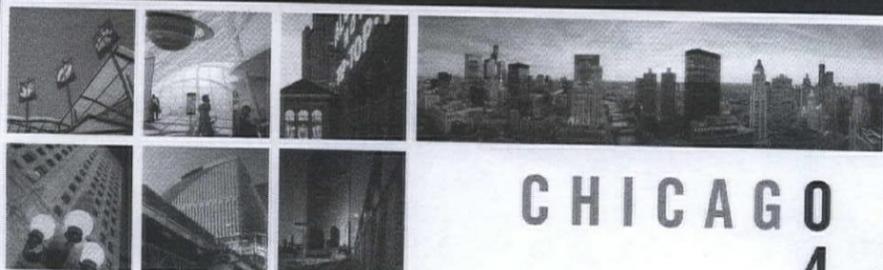


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CHICAGO 4

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Historic

Centennial High Schools
Fort Collins, CO

Centennial features Kolbe & Kolbe wood double hung replacement units. This option replicated the historic appearance, while easing operation, lowering maintenance, and upgrading energy efficiency.



Sustainable

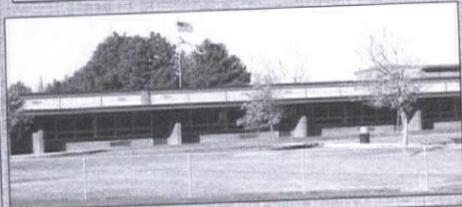
CSD applauds Poudre R-1's commitment to sustainable design. This elementary school was designed with energy efficiency and low maintenance in mind! Bacon features Kolbe & Kolbe aluminum clad wood windows and Viracon Glass.



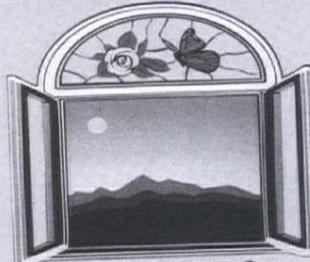
Retro Fit Heath Jr. High Greeley, CO



Originally constructed with aluminum windows, Weld County School District wanted a change! Priority was placed on maintaining the appearance.



Bacon Elementary School



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