



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

JUNE 2000

## THE AIA COLORADO YOUNG ARCHITECTS' GALA

—Steve Loos, AIA  
AIA Colorado President

### [ contents ]

-----

Lines & Columns PAGE 7

North Chapter PAGE 8

109th Meridian PAGE 9

Denver Apogee PAGE 10

-----

President's Message PAGE 2

The architect/product rep relationship PAGE 3

Continuing Education PAGE 4

VOC compliance and implications for paints and other coatings PAGE 5

Call for entries: City of Aurora PAGE 11

An architect responds PAGE 12

Denver firm profile: Brad Adams Walker Architecture PAGE 14

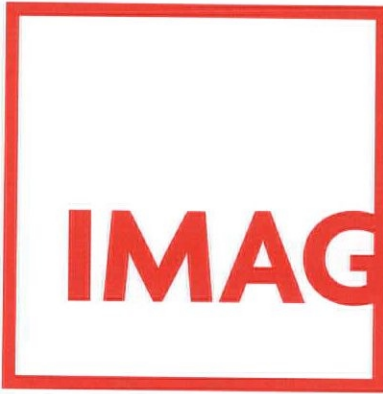
Government affairs brief: Cinemark ADA case reversed PAGE 15

-----

**M**ore than 200 people showed up for the first-ever AIA Colorado Young Architects' Gala on Thursday, April 27th at PSI. This was an excellent turn-out for a first-time event, and the Gala Committee was both pleased and encouraged by the show of enthusiasm. The Committee's hope going into the event was a strong enough showing to help ensure that the Gala would become a yearly event. Based on the attendance and the numerous enthusiastic remarks, we think we have a "keeper" for next year and, hopefully, many years to come. The success of the event speaks well for Colorado's architectural community and the esteem we have for our youth.

The Gala successfully pulled together several different programs—which had been somewhat languishing—and created an entirely new program. Pulled under the Gala's "umbrella" were the Colorado Society of Architects' AIA Educational Fund Scholarship Awards, and the Denver Chapter's Young Architect of the Year Award. While the Educational Fund Scholarships have been granted every year for quite some time, the Gala gave these presentations additional prestige, publicity, and a much larger audience. The Denver Chapter's Young Architect of the Year has always been a great program, but there hadn't been much publicity for these winners except for the night of the awards banquet. The Gala showcased the Denver Chapter's past winners by putting them to work as co-masters of ceremonies and awards presenters.

A third group—which never gets any recognition—is recently licensed architects; the Gala recognized all 78 of the recently licensed architects in the State. We hope that the Gala will continue to incorporate this kind of annual outreach to related programs around the State. On its own, the Gala created a whole new bunch of awards dedicated to our students, interns, and young architects. These awards were tailor made for these young practitioners by developing categories that have particular relevance for these folks. The IMAGINE Awards included excellence in construction drawings, technology innovations, craftsmanship, and student portfolios.



# IMAGINE

In addition, the awards sought to recognize significant firm contributions to young professionals through its Mentoring Firm of the Year Award.

The final award of the evening, the AIA Colorado Young Architect of the Year Award recognized all-around excellence among our State's young architects. Judging from the great comments received, we believe we were pretty successful in all of the efforts.

While the Gala will inevitably evolve over the years, the Gala Committee hopes that we have the program off on the right foot!

The following is a listing of the evening's winners of the Educational Fund Scholarships:

**Anniversary Scholarship**—\$1,500 award for third- or fourth-year study in the College of Architecture, University of Colorado - Boulder, Lindsay Schumacher

**Kenneth R. Fuller Scholarship**—\$2,000 award for fourth-year study in the College of Architecture, University of Colorado at Boulder, Grant T. Yamaki

**Gary G. Landin Scholarship**—\$1,500 award for fourth-year study, based upon need, Kwan Yoon

**C. Gordon Sweet Scholarship**—\$1,500 award to any student with proper qualifications and needs, College of Architecture, University of Colorado - Peter C. Matthews

**Producer's Council Scholarship**—\$1,000 award for Graduate Study in the College of Architecture and Planning University of Colorado at Denver,

Nathan Stephen Martinez-Sepulveda

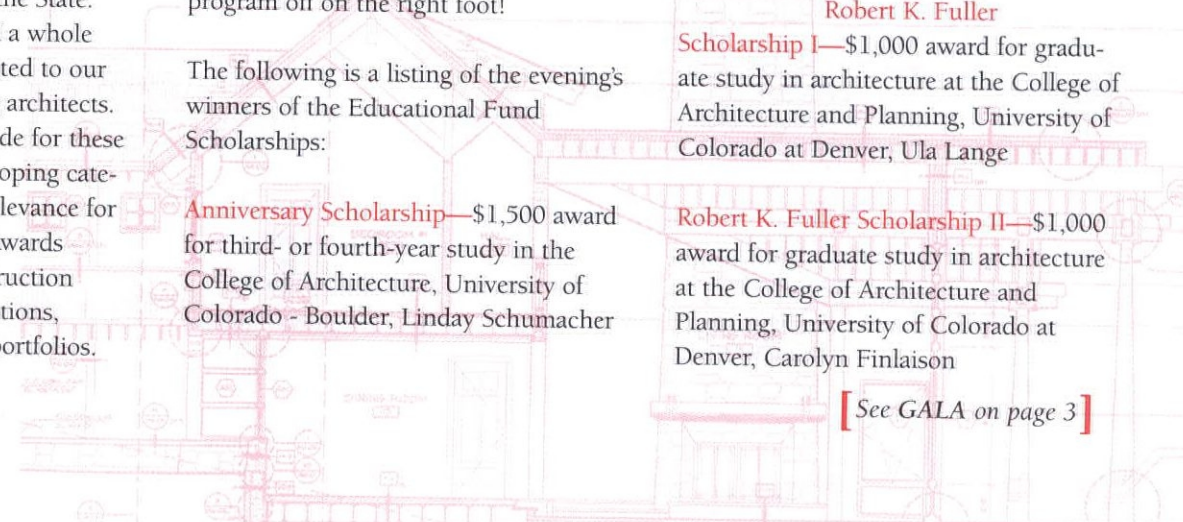
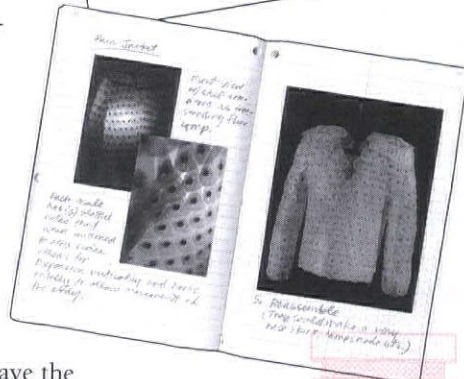
**William C. Muchow Scholarship**—\$2,100 award for Graduate study in Architecture at the College of Architecture and Planning, University of Colorado at Denver, Tracy Hartman

**Temple Hoyne Buell Scholarship**—\$2,500 award for graduate study in architecture at the College of Architecture and Planning, University of Colorado at Denver, Austin Hill Shaw

**Robert K. Fuller Scholarship I**—\$1,000 award for graduate study in architecture at the College of Architecture and Planning, University of Colorado at Denver, Ula Lange

**Robert K. Fuller Scholarship II**—\$1,000 award for graduate study in architecture at the College of Architecture and Planning, University of Colorado at Denver, Carolyn Finlaison

[ See GALA on page 3 ]





**2000 Board of Directors**

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

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

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

Phone: 303.446.2266  
 Fax: 303.446.0066

**Editorial Board**

Rick Dominick, AIA, West Chapter  
 Joseph Jackson, Assoc. AIA, AIA Colorado  
 Kim Jackson, PA, The Newsletter Group  
 Jim Leggitt, AIA, Denver Chapter  
 Carolyn Livingston, AIA Colorado  
 Steve Loos, AIA, State Chapter  
 Eileen March, Assoc. AIA, The Research Studio  
 Mark Quéripel, AIA, North Chapter  
 Mark Shaw, Colorado Construction; The Daily Journal  
 Vacant, South Chapter  
 Published by The Newsletter Group

**NEW ARCHITECTURE !?**

**H**ave you ever considered one of your car's operable windows? They are all so elegantly and simply detailed—a tight little neoprene gasket, a piece of glass in a sophisticated, compound curve, a simple little crank or electrical control. How do they keep those things from leaking like a sieve? Have you looked at one of the recent video games available out there? When you want to experience a very realistic virtual world, you don't have to go much farther than the local Toys-R-Us! Have you read those articles about airplanes being designed, documented, and tested all inside computers? Airplanes are being manufactured and flown without every being tested beyond computer simulations! Incredible uses of new technologies abound all around us. What about architecture?

Compare that car window with our industry's best double-hung window. Compare that video game with our industry's most sophisticated three-dimensional modeling. Compare that airplane's evolution from concept to reality with our approach to creating architecture. How many of us would line up for the opportunity to test-fly something that we had generated using our industry's CADD resources?

While there is no doubt that the computer has infiltrated our practices in so many ways, there is also no doubt that we have only just begun to tap their potential. A friend of mine has often been heard to remark that our profession is performing in almost the exact same way it did a hundred years ago. While we may pride ourselves in being able to think in three dimensions, we still represent our ideas in time-tested, two-dimensional means. Construction

still means a bunch of guys, trucks, tools, and equipment going out to a site and cobbling something together that will hopefully keep the rain out. In the aggregate, the construction industry is our nation's largest industry! In coping with change, we are also the slowest moving.

While we may groan—with some justification—about the changes new technologies have foisted upon us, can we but help be excited about the opportunities held out by our profession's probable future? Dream for a moment about new means of three-dimensional representation, virtual environments, new means of product development and delivery, new means of project management and quality control... People are out there dreaming those dreams. Experiments are being made. New models are developing. Hints of our collective future are out there if we are open to them.

Our AIA Colorado Fall Design Conference in Aspen is going to expose some of those hints for all of us to consider. We intend to spotlight new trends in delivery systems, new practice methods, new business and marketing concepts, new design ideas, new approaches to education—in short, what lies ahead for just about all aspects of our profession.

I am happy to announce that we have snagged a major thinker in these realms as one of our conference leaders—Jim Cramer, president of the Greenway Group, editor of DesignIntelligence, and a recognized authority and dreamer of dreams about our profession's future, has agreed to be a keynoter and to hang around for the entire conference to offer his insights



—Stephen Loos, AIA President, AIA Colorado

and ideas. Getting Jim to join us for our conference is big, really big! He will set a lofty tone for our conference participants. This is going to be a conference that will be energizing and thought-provoking while you are there, and one that will tickle your imagination continually as you head back to work. We are working to create a conference that will change the way you look at things forever!

Get October 12, 13, 14, and 15 hard lined in your calendars now! October 12th will be a travel day with some evening events, such as the President's reception and the West Chapter's Awards Gala. Friday and Saturday, the 13th and 14th, will be the meat and potatoes sessions of the Conference, with the AIA Colorado Awards Gala on Friday night at the Hotel Jerome's elegant ballroom. Sunday will be there for everyone to enjoy—a leisurely brunch, a round of golf, some shop-hopping around Aspen, and time for something other than a white-knuckled race out of the mountains. Get ready to come join us. It's going to be big. Really big!

**THE UNIQUE INTERLOCKING BALLAST SYSTEM FOR SINGLE-PLY ROOFING**

**WESTILE BALLAST PAVER™**

**WALKWAY INSTALLATION ILLUSTRATION**

**BALLAST PAVER™ (System #2)**

WESTILE MECHANICAL CLIP

DECK  
INSULATION  
SINGLE PLY MEMBRANE  
PROTECTION MAT

Interlocking Ballast Pavers provide superior resistance to wind uplift. The 12-lb./sq. ft. extruded concrete system effectively secures single-ply roofing membranes, while providing protection against harmful ultra-violet rays. Ballast Pavers are a cost effective ballast solution.

**WESTILE**  
 A local manufacturer since 1981  
 8311 W. Carder Court, Littleton, CO 80125  
 303-791-1700 Fax 303-791-9906  
 www.westile.com  
 An Oldcastle™ Company

HBA OF METRO DENVER  
 BUILT GREEN.  
 Member

**Guy's Floor Service has made excellence our standard for more than 50 years. For the best in commercial carpet, tile, wood and resilient floors.**

**(303) 371-8900**

**GUY'S FLOOR SERVICE INC.**  
 STAPLETON BUSINESS CENTER  
 10275 East 47th Avenue  
 Denver, Colorado 80239  
 Phone (303) 371-8900  
 Fax (303) 375-8790



# THE ARCHITECT/PRODUCT REPRESENTATIVE RELATIONSHIP

—Ed Nagel, PA

As the 2000 Producers' Council president, I've been asked to expound on the benefits of a healthy supplier/architect relationship. This is no small task, seeing that my entire professional career has revolved around the sale and marketing of construction products.

tractor, asking me for the "specified product." As I review some of these specifications, we often find that:

The product does not have established distribution within a particular region—and requires 24 weeks to receive.

It seems as times goes by, the expanding use of outside specification writers, Master Spec, and the Internet has reduced the perceived need for the product sales and marketing professional. I was told the theme for this month is building technology, and what better time to start this article than to key in on the most important reason to use a product representative.

**“Servicing the long-term relationship is more important than the immediate sale.”**

OR

It is a product specifically designed for a climate other than the area you are building in.

A strong relationship with the local suppliers and construction industry associations will often clear up most of these issues during the design process.

Products and systems are constantly changing; either mandated by innovation or by federal laws and code compliance requirements. The days of solvent paints and coatings, adhesives applied over wood substrates, and unreinforced masonry seem to be only a few examples of changing times. With these changes, come the need for new specifications, new ways of detailing, and—in general—a need for re-education.

There's no question the Internet and Master Spec makes getting basic information easier. But the relationship you build with your construction partner opens up your understanding of these products and expands the palette of materials in which to choose from.

In closing, we are not all "Dealing Doug," trying to intimate you into specifying our products. Most of us understand that servicing the long-term relationship is more important than the immediate sale.

More times than not, it is your product representative who can explain the reasons why this new technology is appropriate for your particular project. Almost weekly, I receive a call from a subcon-

Ed Nagel is in the Building Materials Division of Rio Grande Co. He is president of Producers' Council and his phone number is 303-825-2211.

[GALA, from page 1]

**James H. Hunter Scholarship**—\$2,000 award for travel and study in the Americas, Virginia R. Dubrucq, AIA and Dr. Mark Gelernter, AIA

**Fisher Traveling Scholarship I**—\$2,700 award for travel and study, Tamara Kwist

**Fisher Traveling Scholarship II**—\$2,300 award for travel and study, Dennis R. Humphries, AIA

The following is a listing of the evening's winners of the Gala's IMAGINE Awards:

**Student Portfolio Award Honor Award Winner**  
Charlie Fulton, David Owen Tryba Architects  
**Merit Award Winners**  
Ken Cilia, OZ Architecture  
Arina Habich, Allred & Associates

**Excellence in Construction Documents Award**

**Honor Award**  
Erica Delak, Bill Poss and Associates  
**Merit Awards**  
Nanon A. Anderson, Andrews & Anderson  
Brent Mather, Gensler

**Technology Achievement Award Honor Award**

Ken Cilia, OZ Architecture  
**Merit Award**  
Brian Dwekel, Cottle Graybeal Yaw

**Craftsmanship Award**

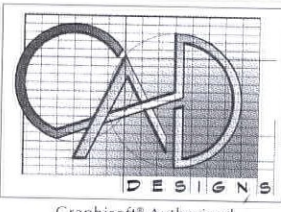
**Honor Award**  
Karl Kruger, Karl Kruger Architect  
**Merit Award**  
Nanon A. Anderson, Andrews & Anderson

**Mentoring Firm of the Year**

Barker Rinker Seacat

**AIA Colorado Young Architect of the Year**


Scott A. Lindenau, AIA, Studio B Architects



## INTRODUCING COLORADO'S ARCHICAD TRAINING CENTER

OFFERING THE FOLLOWING CLASSES:

- ARCHICAD TEST DRIVE**  
TRY BEFORE YOU BUY
- ARCHICAD 101**  
PERFECT FOR THE BEGINNING ARCHICAD USER
- ARCHICAD TIPS AND TRICKS + PLOTMAKER**  
SPEED UP YOUR PROJECTS THROUGH THE ENTIRE PROCESS
- CONTRACT DOCUMENTS**  
HOW TO CREATE GREAT WORKING DRAWINGS WITH ARCHICAD
- MANY MORE CLASSES TO COME...**

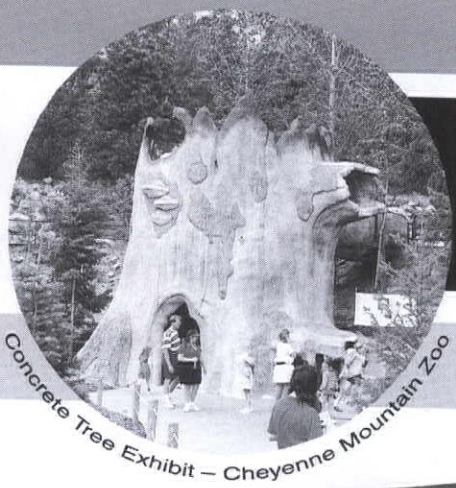


Graphisoft® Authorized Reseller & Trainer

Project by Michael Murphy Architecture  
Rendered by CADD Designs

7500 W. Mississippi Ave. • Suite C-3 • Lakewood, CO 80226  
303.742.0100 • Email: kevin@cad-designs.com

# THINK OF US




## AS CLAY

## FOR

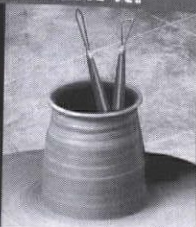
# ARCHITECTS

Custom concrete — any way you want it!



**COLORADO  
HARDSCAPES**  
Denver, Colorado

From the obvious to the outrageous, we have a concrete solution for your next project.



303-750-8200 • 1-800-447-1888 • www.coloradohardscapes.com

## State Planning statutes available online

As part of its Growing Smart<sup>SM</sup> planning statute reform project, the American Planning Association (APA) has prepared summaries of planning statutes of all 50 states. The statutory summaries are current as of May 1996 and are intended to assist agencies and groups interested in reform of state planning statutes and to provide citizens with information on the planning laws of their respective states. These summaries are designed to give a brief overview of the planning and land-use control authority in each site. If you are interested in downloading these summaries, visit the Growing Smart section of the APA's Web site at <http://www.planning.org>.



# CONTINUING EDUCATION



## AIA members have until September 2000 to report 1998 and 1999 Continuing Education System requirements

AIA Continuing Education System (AIA/CES) requirements for architect members is 18 contact hours a year, 8 of which must be in health, safety, and welfare education (HSW), effective on January 1, 2000. This will retroactively affect 1998 and 1999 records as well.

## 7th International Conference Cities & Ports

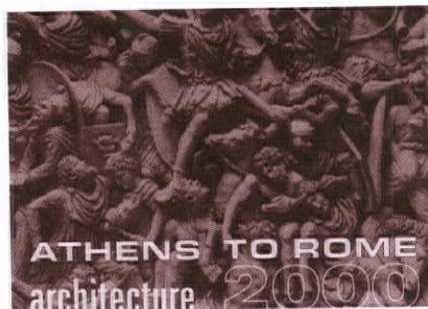
November 6-9, 2000  
Marseille (France)

Urban and port development authorities for coastal and river cities from throughout the entire world will be meeting in Marseilles (France), from the 6th to the 9th of November, for the 7th Cities and Ports (IACP) International Conference. More than 500 delegates representing the port cities of more than 50 countries are expected in Marseilles to debate and exchange views regarding the implementation

of sustainable development in port areas. Sound like this challenge is of interest to you? View the Web site at <http://www.aivp.com/7conf/formgb.asp> to keep informed of the program development of this conference

## Architects will float ideas on Greek Isles cruise

October 8-16, 2000



Where do beleaguered design professionals go to stoke their creative juices for the new century? How about a seafaring voyage back to the Mediterranean origins of Western architecture? Gliding through the Greek Isles in October, a diverse group of architects will explore the roots of their profession as they recall the origins of their own love of form. From the timeless grandeur of the Acropolis to the stuccoed simplicity of Mykonos, this Architecture 200 cruise promises an expansive geographic, cultural, technical, and personal experience. Contact TMI Architectural Cruise at 800.975.7775 or [www.travelmgmt.com/aia.html](http://www.travelmgmt.com/aia.html)

# SOME REACTIONS TO THE AIA 2000 NATIONAL CONVENTION

—Stephen K. Loos, AIA, NCARB

The AIA 2000 National Convention in Philadelphia is history! Somehow, however, I don't think the Philadelphia Chapter is going to settle down for a well-deserved rest. The pace of their convention matched the pace of their city, and I don't believe they are going to spend a lot of time resting on their laurels.

Philadelphians are on the move! Their city is a bustling kind of place with traffic-crowded, narrow streets, storefronts galore, honking horns, pedestrian traffic, and street-life everywhere. The contrast between this convention and last year's in Dallas was remarkable! Where you had to search hard for signs of life in Dallas, in Philadelphia, it was surging all around you. Their convention exhibited this life, this pace, and their obvious pride in their city and what they have accomplished.

I hadn't been in Philadelphia for about 12 years, so it was a bit of a shock when I got out to walk around a little. Where there used to be seedy parking areas and weed-blown vacant lots, new buildings now muscle each other for attention—big, proud, brassy buildings, not the introverted kind that Philadelphia used to be known for.

Their new Pennsylvania Convention Center is a true marvel of adaptive reuse and high-quality urban renewal. The old derelict Reading Terminal Train Station has been transformed into a heroic gathering space for the entire state with a major ballroom that rivals anything I have ever seen before. The bulk of the Convention Center facilities stretch over two adjacent city blocks and have been designed with great care and attention. A city market, just like the old ones I remember from Baltimore, is tucked in under all this and creates a great counterpoint to all the glitzy space above. In short, I thought it was a triumph—a terrific melding of the old and the new into a seamless and very successful facility.

The only complaint is the amount of shoe leather I lost getting from one end to the other!

The convention program is pretty much a blur. I remember hustling from one seminar to another, from one meeting to another—a pretty hectic pace which didn't let up much for the three days of the convention. It was obvious that Philadelphia had decided to err of the side of excess. In addition to the convention, the entire city turned on with programs, concerts, and exhibits all over town on top of their already well-known tourist delights. There was always so much going on, you simply could not take advantage of most of it. Most days ended with a very difficult decision about where to go to dinner (The choices were fantastic!) and a weary trek to bed.

We did all the things we usually do at conventions.

We listened to great and not-so-great speakers (Zaha Hadid should have stayed in London!), we elected some national officers, we approved some resolutions, and we rejected some others. You will hear all about it from other sources. What you won't get if you didn't make it to the convention, however, is the excitement of having been there.

AIA Philadelphia has set the bar for conventions very high. They showed us a lot about city life, about vitality, and civic pride. They will be a tough act to follow next year. I know we can do it though. Colorado and Denver are just as fabulous in their own right. All we have to do is make sure we showcase our state, our city, our culture, our enthusiasm, and our pride as well as the Philadelphians did. I hope I am as worn out next year after our own Convention 2001!



## A great material for...

### Partitions

Wall cladding

### Work surfaces

Windowsills & door frames

### Vanities/Surrounds

Furniture

### Columns

Lighting

### LONG-TERM VALUE

DURABLE

### INVITING TO THE TOUCH

COMPATIBLE

EASY TO CLEAN

VERSATILE

THERMOFORMABLE

TRANSLUCENT

### Explore the possibilities...

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



## In the Information Age it takes more than CAD Management to survive.

## How do you stay ahead?™

STRATEGIC PLANNING  
AEC TECHNOLOGY MANAGEMENT  
WEB & ASP DEVELOPMENT  
INTRANET & EXTRANET DESIGN  
NETWORK & INTERNET SECURITY  
REMOTE / GLOBAL ACCESS  
TELECOMMUTING  
DISASTER PREVENTION  
AEC COMPUTER SYSTEMS  
ON-SITE SUPPORT  
OUTSOURCING



Denver · Boulder

[www.thegeckogroup.com](http://www.thegeckogroup.com)  
[info@thegeckogroup.com](mailto:info@thegeckogroup.com)  
Voice 303.415.2052  
Toll Free 800.413.4552

We've been Colorado's premier AEC Technology Consultants since 1994.



# VOC COMPLIANCE AND IMPLICATIONS FOR SELECTING PAINTS AND OTHER COATINGS

—Kerry Sharrock, Denver Chapter  
Specifications writer and associate with Klipp, Colussy, Jenks, DuBois

—Mike Voigt, AIA, CSI, Denver Chapter  
Specifications writer with RNL Design

The Environmental Protection Agency's rule "National Volatile Organic Compounds (VOC) Emission Standards for Architectural Coatings" (Rule 40 CFR Part 59) went into effect on September 13, 1999 for all 50 states, the District of Columbia, and all United States Territories.

VOCs are hydrocarbon solvents used in paints, stains and other products. Because alkyd (oil-based) paints contain high levels of VOCs, they will be affected the most. In most cases, they will be reformulated to lower solvent levels. The application characteristics, dry time, flow/leveling, and price of the products will all be changing; as solvent levels are reduced and solid levels are increased.

Other products that will be affected are alkyd stains, repellent sealers, varnish, alkyd traffic paints, and dry fog coatings. All solvent-based paints will either be reformulated or re-categorized. Some paints may be altered to be placed into the "quick-dry" category and have altered solvent levels; these will then be restricted to spray applications.

After September 13, 1999, any manufacturer producing non-compliant products must pay a fee to the EPA. The fee will be based on the amount of VOC over the legal limit. The option of being able to pay a fee rather than achieve VOC compliance will be phased out over time. Manufacturers have several ways to comply with the new regulations. There are water-borne technologies (eliminating solvents), higher solids products (increasing transfer efficiencies), using exempt solvents and reviving old technologies, many of which are VOC compliant.

Many manufacturers will be reformulating their products to achieve VOC compliance. Some old technologies that will be touted as new or improved are silicates, silicone emulsions and methyl silicates. These products were first introduced in the 1970s, but were opposed in the industry because of poor performance, high alkalinity, and discoloration.

Increasing the solids content is another avenue some manufacturers are taking to meet VOC regulations. Theoretically, by increasing the solids in a product, you get better transfer efficiency—therefore reducing VOC emissions. However, higher solids are not necessarily indicative of improved performance. Many silane sealers of 20, 40, and 100% active solids can lose as much as 80% of their actual resin solids in hot, dry, windy conditions, leaving as little as 4-20% solids on the substrate. There are some exempt solvents that a

manufacturer can use, however, these solvents may not be desirable due to health-related issues.

Water-based technologies are thought to be the best way to comply with the new law. These include acrylics, silanes, silicates, silicones and siloxanes. Most have comparable or better water repellency results as solvent-based products. Water-based products are generally environmentally friendly, non flammable, have a low odor, and are easier to work with.

### Implications for architects

It is important for architects and specifications writers to be aware of the VOC law. Paint suppliers should only carry low VOC paints, but many continue to sell leftover stock, or non-compliant "black market" materials. Compliance with the VOC law is also included as standard verbiage in specifications dealing with paints, primers, sealants and other applicable materials.

Following are recommendations for architects and specifiers:

- ◆ Check product literature for VOC listings. If VOC levels are not listed, chances are, the manufacturer is non-compliant.
- ◆ Because most VOC products are water based, they contribute to sustainable architectural practices.
- ◆ VOC laws vary from state to state. For example, California laws are more stringent than those in Colorado.
- ◆ Watch for new coating product lines that are not water or alkyd based, but combine the best properties of each.

One of the most difficult products to find, since the law went into effect, is a low VOC or water-based ferrous metal primer. If a metal is shop primed versus

field primed, the VOC regulations are less stringent, due to the higher level of environmental control.

## Rio Grande delivers no-maintenance, high-quality finish Specraglaze in 3-5 weeks

What lays like a concrete block, looks like highly polished marble or granite, can be used in any exterior or interior wall application, and has a lead time of just three to five weeks?

Specraglaze, manufacturers of glazed concrete block, have just introduced a new product called "Ultra Burnished Masonry Units." These normal-weight blocks are produced with marble and granite aggregates, then polished on one to four sides to a high gleam. The finished units come in 16 colors and are available in all standard block shapes and sizes, including radius dimensions. They can also be ordered with chamfered edges and other special effects.

Less expensive than traditional Specraglaze, Ultra Burnished Masonry Units can be used for virtually any exterior or interior application where no maintenance and a high-quality, finished wall are priorities. Factory sealed before they're polished, the units emit no volatile organic compounds.

For more information, contact Phil Peconi at Rio Grande Co., in Denver 303.825.2211.



**JEAN SEBBEN ASSOCIATES**  
COMMERCIAL INTERIOR DESIGN

A UNIQUE PERSPECTIVE ON PEOPLE & SPACES

IN

MEDICAL · OFFICE COMPLEX  
EDUCATION · HOSPITALITY

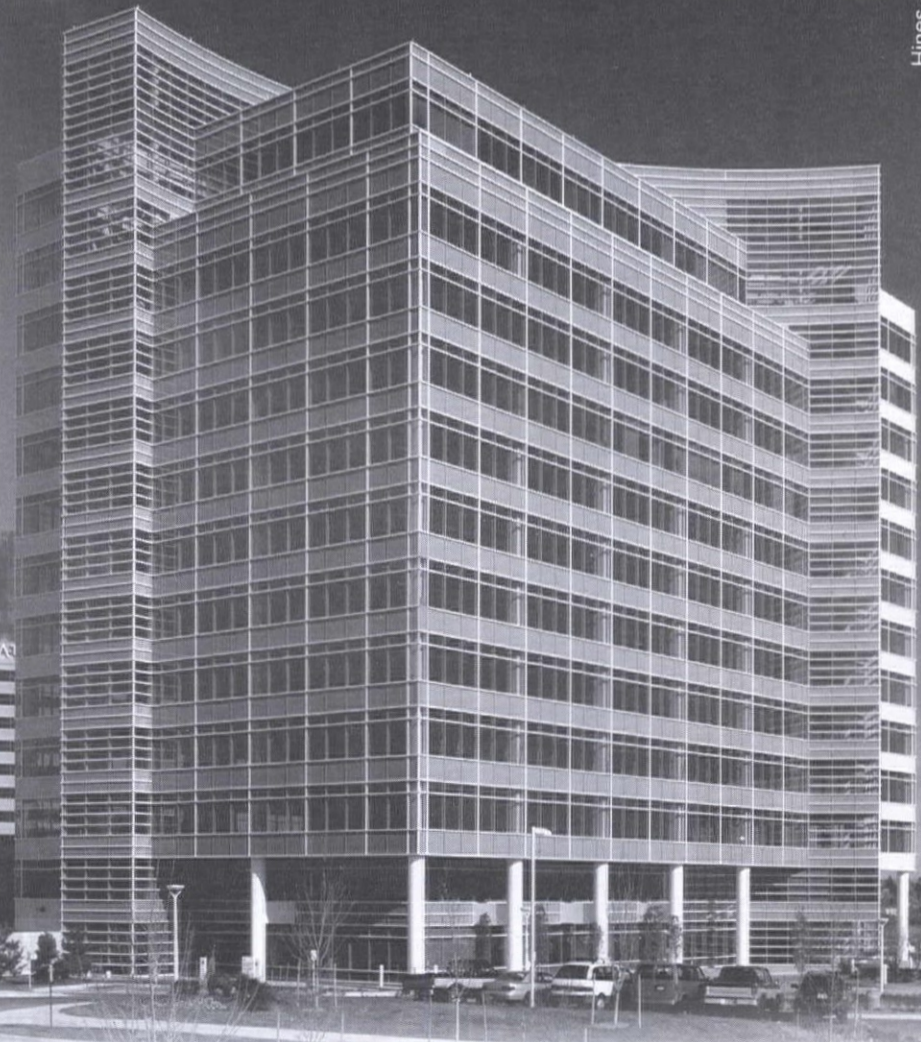
SERVICES

CONCEPTS · COLOR/TEXTURE  
SPACE PLAN · SPECIFYING  
AUTOCAD · CONSULTING  
FINISH MATERIALS  
FURNITURE

TEAMING WITH  
ARCHITECTURAL FIRMS  
WITH AN INTERIOR EMPHASIS  
FOR 15 YEARS

P.O. BOX 6388  
COLORADO SPRINGS, CO 80934  
(719) 635-7133 · FAX (719) 635-7191

Pushing the envelope...



**ELWARD CONSTRUCTION CO.**

Specializing in exterior metal, glass & stone applications.  
(303)-239-6303

...come see what we can do.  
www.elward.com

Hines - Denver, CO.



# FOUNDATION ON WEB, SUMMER TOURS IN FULL SWING

—John B Rogers, FAIA  
President, DFA

First, the Foundation is now on the Web with a link through AIA Colorado. Our address is [www.aiacolorado.org/dfa.html](http://www.aiacolorado.org/dfa.html). You can find the summer tours, sponsored by DFA, membership and participation opportunities, and current activities in process.

Through communication with other architectural foundations and sharing information and activities, DFA is identifying and selecting the most effective venues and role to pursue. I also had an opportunity to discuss at length the successes of other foundations with their directors or their presidents while I attended the National AIA Convention in Philadelphia last month.

Trustee **Bret Kudlicki** organized and carried out the exhibition of the Civic Center Office Building Competition models from February through April. Our congratulations and compliments go to Bret for his success.

Trustee **Dennis Humphries** reports that the Architectural Guide Book for greater

Denver is on schedule and will be printed early in 2001. Early orders for the guide will be helpful, and it will also be available for sale during the 2001 AIA National Convention to be held in Denver, May 17-20, 2000.

Jackie Hahn has come aboard as the foundation coordinator, assisting with communications, scheduling and administrative support. This is a giant step forward for the foundation in formulating and securing its structure. You can e-mail Jackie with questions at [denverfdnarch@aol.com](mailto:denverfdnarch@aol.com).

As a reminder, the Foundation's summer tours, directed by Trustee Re'Jean Peeples, continue this month and throughout the summer:

- LoDo:**  
 June 3 and 24; July 8 and 29; August 5 & 26; September 9 & 30  
**University of Denver campus:** June 10  
**City Park:** June 17  
**Civic Center:** June 15  
**Geology of Downtown Denver:** July 22  
**Central Business District:** August 12  
**People and Steeples:** August 19  
**Golden Triangle:** September 16  
**Auraria Campus:** September 23

DFA is always open to suggestions, recommendations, and activities that will further the goal of the Foundation to involve and educate the public in

appreciation and understanding of good architecture. Please contact us by e-mail or telephone: 303.779.9193.

## WE WANT YOU!

—Sonia Q. Riggs  
2001 Convention Manager

The 2001 Convention Committee is long underway and working hard to help make next year's convention a success. But we need help!

We want people to get involved by participating on sub-committees to plan various host chapter events. The sub-committees meet one to two times each month for about an hour to work on their activities. Committee members also put in some additional time on their own. It is not a big commitment, but it is an important one.

Ten sub-committees have been formed: Tours, Host Chapter Party, Volunteers, Publicity/Promotion, Local Exhibits, Sponsorship, Host Chapter Store, Host Chapter Lounge, 5K Run, and Dining by Design.

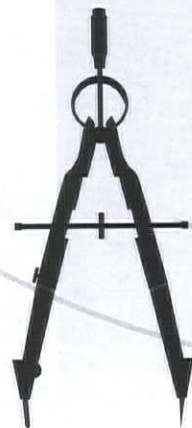
We are also in the middle of the main corporate and convention sponsorship drive for next year. You and your firm can gain tremendous exposure by sponsoring the numerous events AIA Colorado will be responsible for.

Getting involved with the 2001 Convention is a fun way to meet your peers in the industry and show your support for AIA Colorado. If you have experience and/or interest in any of the above committees or sponsorship opportunities—or have questions about other ways to get involved with the convention—please call or e-mail me.

Sonia Riggs is the newly appointed 2001 Convention Manager for AIA Colorado. You can call her, 303.446.2266 or send an e-mail to [sonia@aiacolorado.org](mailto:sonia@aiacolorado.org)

## Structural Engineers Serving All Of Colorado

We wish to thank our clients and friends for their support!



**Monroe & Newell**  
Engineers, Inc.

**Denver**  
 1660 Seventeenth Street  
 Suite 101  
 Denver, CO 80202  
 (303)-623-4927  
 Fax (303)-623-6602

**Vail**  
 70 Benchmark Rd.  
 Suite 204  
 P.O. Box 1597  
 Avon, CO 81620  
 (970)-949-7768  
 Fax (970)-949-4054



**PROFESSIONAL UNDERWRITERS**  
 PUI Agency of Colorado, Inc.

Allow Us To Deliver The Reliable Protection And Dependable Service You Require

Specialized Insurance Placement  
 Architects / Engineers Errors and Omissions

PUI AGENCY OF COLORADO, INC.

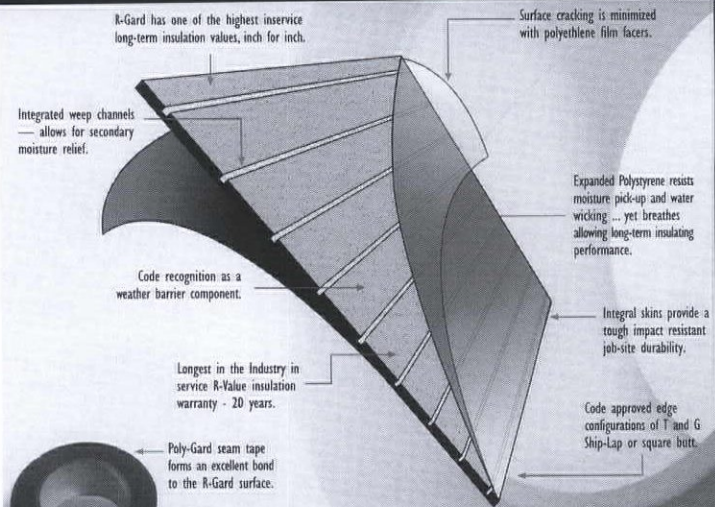
4949 South Syracuse St. Suite 300  
 Denver, COLORADO 80237  
 303-843-0229

## TOTAL WALL SYSTEM

America's Second Generation in Exterior Insulation Systems

### INSULFOAM REVEALS THE SECRETS OF THE TOTAL WALL SYSTEM

This is the state of the art in exterior insulations. Every feature has been fully integrated into one complete, indivisible system. It is more than interesting to see just what the building owner is buying when R-Gard is used in the TOTAL WALL System.



**INSULFOAM**

12601 East 33rd Avenue, Suite 114 • Aurora, Colorado 80111  
 e-mail: [kwinholtz@premier-industries.com](mailto:kwinholtz@premier-industries.com) • 303/366-7730



# Lines & Columns

AIA Colorado South Chapter

## 2000 AIA Colorado South Chapter Board of Directors

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

## Members in the news

Duane Boyle, AIA, was recently appointed to a four-year term on the State Board of Examiners of Architects. This is a seven-member board consisting of four architects, one contractor, and two public members. Also, former AIA Colorado Executive Director Linda Smith was re-appointed for a second four-year term.

# Colorado Springs: A look at ourselves—planning for the future

—Quinn Peitz, AICP

As the state legislature concludes its meeting for this year, it is apparent that no new growth management bills will be approved this session. However, the citizens of Colorado Springs are taking a stronger role in defining the future of development and growth within our community.

This month, the city of Colorado Springs will complete a draft of its new Comprehensive Land Use Plan. This plan, guided by a citizen's group, will "look into the future" and graphically depict what our City will be like in 2020. For the first time, the City's Comprehensive Plan will have a map, or if you will, a picture of what we can expect the city to be in 20 years. This map will be a useful tool in determining whether the principles upon which the city has developed to date are valid for the future.

The most telling truth of the map will show that like most cities in the United States, our zoning and planning standards have created an automobile-centered community—a community that is primary shaped around our cars. In Colorado Springs, most uses are segregated from one another and we are forced to get into our cars to go to work, shop, eat, and recreate. Many of us are commuters, spending up to two hours a day going to and from work.

The time and number of trips has increased over the years with two parent-working families. If this trend continues, our city will then have to direct more and more resources into building and maintaining roads to accommodate more cars that are being used more frequently. Even with those expenditures, most traffic engineers still predict increasing congestion. Of course, the other option is to question whether the land use patterns that created our auto-centered community is appropriate for the future.

The new Comprehensive Plan will raise the questions that have been discussed not only by the state legislature, but by most counties and cities in Colorado. Should our city advocate more compact, in-fill, and mixed-use forms of development? Different kinds of housing—integrated with retail services, public facilities, and other uses—allow for walking, biking, public transit, and other alternatives to the car.

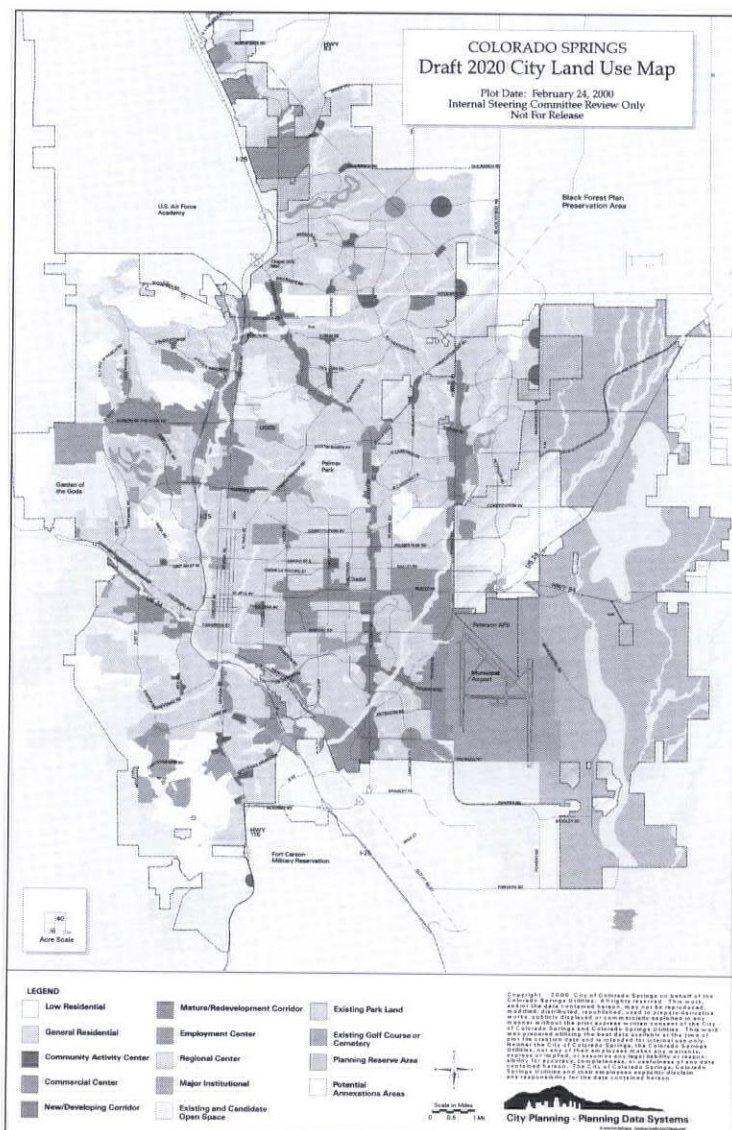
In addition, should we encourage walkable urban and suburban villages with inviting public spaces and gathering spots like plazas, town squares outdoor marketplaces, central parks, and pavilions? This would dramatically change what we are used to, which is getting in our cars and driving up and down Academy or Powers blvds. (Colorado Springs' major commercial corridors) for every amenity we currently seek. This does not mean that these commercial corridors will go away, but it will certainly question whether different methods of land development should be considered.

Of course, we can continue along the current paths of development, which raises the second critical piece of our new Comprehensive Land Use Plan. Can we afford it? Colorado Springs is 180 square miles (which includes the vacant 25,000-acre Banning Lewis Ranch), the largest city by area in the state. Forty percent of this land is vacant. To build and maintain roads and parks, and provide public safety (police and fire), delivering services over such a large area is costly and inefficient.

Can the city continue "urban sprawl" without raising taxes, developing impact fees, or seeking additional revenues for even the most basic services? Of course, this does not even begin to address the environmental costs associated with sprawl development. The dilemma is enormous and to date, the citizen's committee and staff who are working on our Comprehensive Plan have not developed any firm recommendations to City Council.

We have all become comfortable, to some degree, with the lifestyles we have created for ourselves in our residential subdivisions. Our new Comprehensive Plan may not change the physical pattern of the city or the social interactions (or lack thereof) that come with that land use pattern. However, our new plan will raise the questions of what we can expect if we continue along the same path.

Quinn Peitz, AICP, is Planning Group Support Manager with the City of Colorado Springs. His phone number is 719.385.5358.



## NEW MEMBERS

- Carl Stevens Brandenburg, AIA  
Colorado College
- Timothy Keith Christensen, Assoc. AIA





AIA Colorado North Chapter

## Why less is more when remodeling

—Mark S. Quéripel, AIA, CID, NCARB  
Managing Member, Terra Verde International, LLC

### 2000 AIA Colorado North Chapter Board of Directors

President: .....Randal J. Giseburt, AIA  
President Elect:.....Mark Quéripel, AIA  
Treasurer: .....K. David Carson, AIA  
Treasurer Elect: .....Mike Spearnak, AIA  
Secretary:.....Ken Field, AIA  
Past President:.....Rebecca Spears, AIA  
Director:.....Michael Holtz, AIA  
Director: .....Linda Kiisk, AIA  
Director: .....Susan Kreul-Froseth, AIA  
Director: .....Barbara Rogg Maloy, AIA  
Associate Dir.:.....Katie Barnes, Assoc. AIA  
University Rep:.....Randy Ott  
Executive Director  
Local Chapters:.....Susan Buchanan, CMP

#### *Carpé diem!*

*The media is starved for information by and about architects. I have recently written the following article and had extreme success publishing it in numerous places. The more we as architects can communicate our knowledge and expertise to the general public about hiring an architect, especially an AIA architect, the tide will rise for all of us. Get out there and publish yourself. It will pay off greatly.*

There are many valid reasons for remodeling an existing home instead of building new. One of the most common reasons people decide to remodel their homes is a desire for more space. They like their neighborhood with its familiar amenities, proven schools, convenient shopping areas, and location to work or leisure activities. What prompts most people to remodel is a change in their family's size and the realization that staying put, with some adjustments, is more affordable and appealing than starting from scratch. Adding "more," to a house, however, does not automatically make it better.

Sometimes minor remodeling can make a significant difference in how you feel about your home and how you live in it. Perhaps you are feeling dissatisfied about your current home because you always enter it through the garage, then into a dark cramped hallway with no storage space to hang your coat or easy access to the kitchen to transport groceries. Or your home lacks curb appeal, imaginative landscaping, or adequate lighting. Entering your home should be an everyday welcoming experience. Adding a "more" gracious, welcoming entry way might only require a few additional square feet, yet provide years of pleasure when you arrive home or invite guests in.

Remodeling is often more about regrouping living spaces than adding more of it. Too often people measure the value of their home in square footage instead of the quality of the living areas. A 2,000 square foot home, when properly designed, can provide as much of a quality livable environment than a box triple the size. Details such as ceiling heights, window placement, stair rails, built-ins and moldings define the quality of a home more than just floor plans and size. If your home is in the "30-something" category chances are it might not be suited to the way you live today. If the kitchen is not in the right place, move it to where it works for you. I'm not recommending

turning your existing home on its head, but sometimes regrouping your existing living spaces to another location within the footprint of the current home is the best solution.

#### **Start with a clean sweep**

A very good place to start when you are considering remodeling your home is with a broom and trash bin. Make a clean sweep of your home, eliminating anything that's not used or useful. Perhaps your closet space is inadequate because there's too much stuff in it! There are many deserving charities that can find someone else a home for things that you don't use, need, or want.

This de-cluttering process will provide a mental airing out and allow you to see the bones of your home. Is the living room really too small or did you never realize the simplicity and intimacy of a room with these proportions? Can the seldom-used formal dining room be adapted to become a more inviting retreat for listening to music or reading?

Some of your existing living spaces can do double duty. A guest bedroom (used two to three times a year) can serve as your home office on a daily basis. You can also create additional outdoor living spaces such as covered patios, cooking areas, trellises, or a simple bench nestled amongst a rose garden.

When it is clear that your existing living spaces are not enough, your next step is to move out—of the existing footprint, that is. The temptation to build out or fill up the lot with "more" house is an all-too-common mistake. Consider the proportions and rooflines of the existing home. A successful home addition should appear seamless, as if it were always that way.

Keep in mind when you add on to a house, you are changing the balance and requirements of the home's systems. Allocate an ample portion of your remodeling budget for replacement of the furnace, hot water heater, windows, doors, and roof. This is also be an excellent time to upgrade insulation and electrical service, as well as wiring your home for technology. While these improvements may not be visible, they will go a long way toward maintaining the structural integrity of your home.

Should you undertake a major remodeling project, "more" professional help up front will cause "less" disappointment down the road. Working with an architect and a professional remodeling contractor is a wise investment. Sure, most people know the business end of a paintbrush, but have they been trained in design, engineering, and local building codes? Do they have the necessary tools, skill and experience in carpentry, plumbing, and electrical work? Your home is one of the biggest investments you will ever make so don't skimp on asking for help when you need it—you may just get "more" value than you expected.

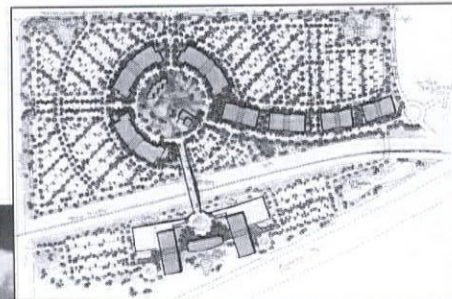
Mark S. Quéripel, is a Managing Member of Terra Verde International, LLC, a design/build firm in Boulder. He can be reached at 303.530.3232 or <http://www.terraverdeusa.com>

### NEW MEMBERS

Samuel Austin, AIA  
Samuel Austin & Company,  
Architects  
Bryan L. Bowen, AIA  
Christopher M. Johnson, Assoc. AIA  
Downing Thorpe James

### Members in the news

**O**Z Architecture announces its involvement in the design of the Circle Point business park located along the



Boulder Turnpike at 104th street. The project is designed to complete the Westminster Promenade, and entertainment, shopping, dining, park/recreation, and lodging development that is next to the site.





# Other roadside attractions— The Gila: A Mythology of place

—Skip Doty, AIA

## 2000 AIA Colorado West Chapter Board of Directors

- President:.....Suzannah Reid, AIA
- President Elect:.....Rick Dominick, AIA
- Treasurer:.....Marina Florian, Assoc. AIA
- Secretary:.....Michael Oney, AIA
- Past President:.....Wendell "Skip" Doty III, AIA
- Steamboat Coordinator:.....Bob Ralston, AIA
- Grand Junction Director:.....Frank Wagner, AIA
- Grand Junction Coordinator:.....Marc Maurer, AIA
- Vail Valley Director:.....Chris Green, AIA
- Durango Director:.....Carolyn Hunter, AIA
- Executive Director
- Local Chapters:.....Susan Buchanan, CMP

**"S**o how is the road up to Beaverhead?"

"Oh, it is very rough. We've had a lot of rain and it has been flooded out. We really don't recommend that anyone go there." "When was the last time you were up there?" "I've never been there before."

A little later in the cab of the only pick-up in the parking lot... "Well, are you going to listen to her advice?" "Naahh, we're going to head north."

Maybe that is the problem with the Forest Service. They dedicate their resources to writing multi-volume documents filled with superfluous prose about how they want to manage the forest. And they don't spend any time out in the woods or the communities meeting the people that their prose has displaced.

of three that this journey through the dark would establish some of the defining moments in my life and be a touchstone for our family.

My father had been promoted to Ranger of the Beaverhead District of the Gila National Forest in the Southwestern New Mexico. At that time, it was the most isolated ranger district that was maintained year 'round in the United States. The station was located at the base of a rock bluff and a dry creek bed was channeled through it.

It was built in the early 1930s by the Civilian Conservation Corps (CCC). To the north, there was 80 miles of dirt road, and then 20 miles of highway to Magdalena. To the south lay 60 miles of rough dirt road and another 15 miles of pavement to reach Silver City. No television. No telephone. No radio. The twisting, rutted road north from Mimbres through the washed-out Rocky Canyon, the depths of Black Canyon, the fording of deceptive Diamond Creek and past the nearly silted in Wall Lake had not changed very much through the years, but it did bring back a flood of memories:

...Of the hours spent exploring the nooks and crannies of the rock bluffs behind the house. There was an immense space to explore, but this freedom required a high level of responsibility.

...Of meeting mortal fear as I climbed down the steep, open, metal ladder of the tower of the Black Mountain fire look out in the dark. This tower had been built on top of this almost-mythic mountain before the War. From the top stretched a view as far as the eyes could see. From the heart of the wilderness to the broken up country near Beaverhead to the brooding Black range to the east.

...Of family picnics at Willow Creek Guard Station built by the CCC in the 1930s. (Much later, I would learn that my great grandfather had been at a rendezvous at Willow Creek when it could only be reached by several days of riding a horse. This meeting established many of the early guiding principles for the Forest Service in the Southwest).

...Of the joy of playing with the little Hispanic boys whose fathers were the summer crew.

...Of watching Leonard Cullum make a rifle stock, and at the age of four,

realizing that this stringy old man could make, fix, drive, or build anything.

...Of traveling down to the ranch house on the East Fork of the Gila River to buy some turkeys from the rancher. Marveling at the bullet holes along one of the stone walls of the old ranch house... Legend had it that there had been a mob shoot-out there in the '30s. And laughing wildly every time a turkey would stick its head out from under the tarp on the drive home.

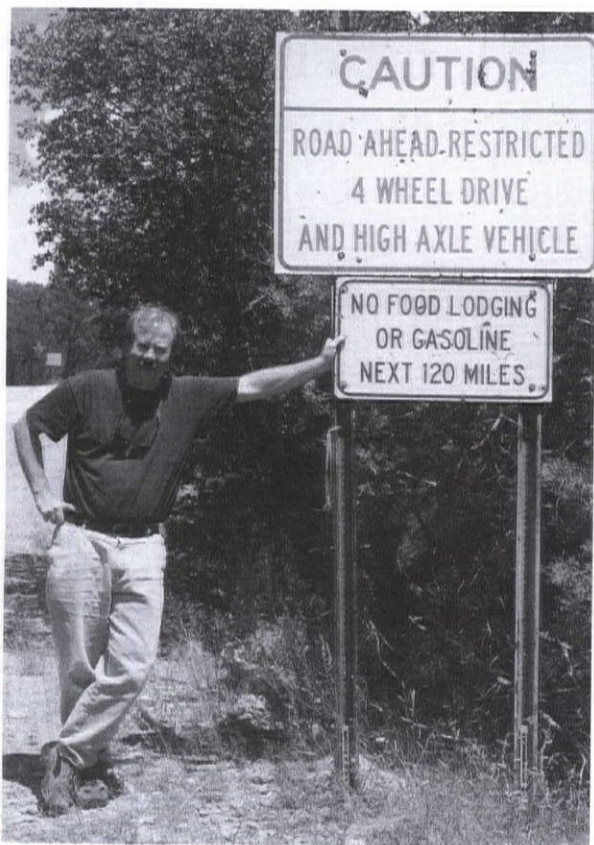
...Of spending an afternoon at Dub Evans' horse camp located along Indian Creek above the Middle Fork of the Gila. This camp was a collection of old, run-down log cabins, barns, and corrals straight from a Charles Russell painting. The main house was one room deep and had been added on to until it was about 150-ramshackle-feet long. Mr. Evans' family arrived there in a covered wagon in 1912 when Dub was 14 years old. The first time my father rode with him to inspect the range conditions, Mr. Evans took him along an informal trail along the mesa that dropped abruptly to the river—just to see if my father could ride a horse. Mrs. Evans barely had time to warn me to keep away from the pen of one of the meanest black bulls I will ever see. We had a dinner cooked over a wood-burning stove, and ate it in a room lit only by lanterns.

...Of saying the Pledge of Allegiance to a hot water heater before my mother would teach me my first-grade lessons at the age of five. Never did attend kindergarten, although I guess the two weeks once spent at a summer school held in tar paper shack at Elmo Thompson's two-bit saw mill should count for something.

...Of my first lesson in rural economics. Quinton Holtz was a wild-assed rancher that lived in the next canyon west of Dub Evans. At the top of the steep hill into his place was a scrawled sign that announced that you would have to pay Quinton \$50 if he had to tow you up the hill. And he meant it. He had a pack of mongrel dogs he used to guide mountain lion hunts in the wilderness. During one visit, he confided to us that he had been much crazier when he was younger... until someone shot him outside a bar in Silver City.

...Of the low guttural growl of a very large bobcat that greeted me and my curiosity the only time I climbed to the

[ See ROADSIDE on page 14 ]



Heading north from the Mimbres.

The West is a land of great distances populated by diverse groups of people. It is the compilation of the stories of these people that connect the dots and establish the communities that give life to the expanse.

My story began on the bench seat of an 1952 two-ton, flat-bed truck as it traversed the dirt back roads to Beaverhead in the early summer of 1957. Our faces were reflected in the dim glow of the dash board, and the yowling of Joseph the cat hiding behind the seat was all that broke the silence of an empty landscape. Little could I know at the age

## NEW MEMBERS

- James D. Dawkins, AIA  
Slifer Designs
- Stephen CR Holley, AIA  
Bill Poss & Associates
- Timothy Scott Kyle, AIA
- Todd Young, Assoc. AIA  
Steamboat Engineering & Design





AIA Denver Chapter

**2000 AIA Denver Chapter Board of Directors**

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

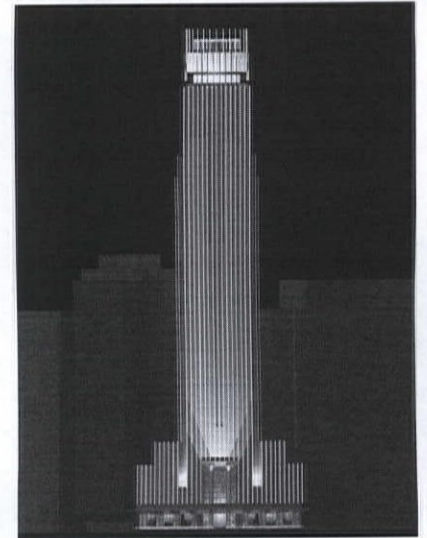
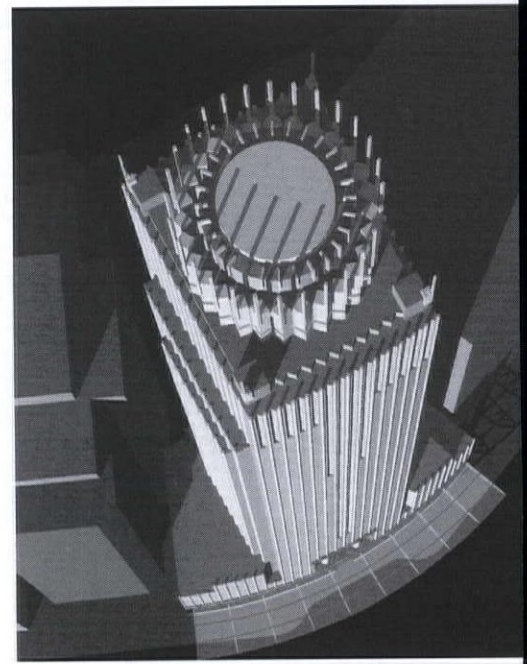
**Larry Doane, FAIA—  
Using technology to  
boost architectural  
communication**

**Editor's Note:** Given our focus on technology the editorial staff interviewed Larry Doane, FAIA, who is a Design Principal at RNL Design in Denver. Before joining RNL Design, Larry was a senior partner of Skidmore, Owings and Merrill (SOM) in San Francisco, where he designed, managed, and built projects throughout the world.

One of his primary interests is in multi-cultural design management and consultation. This interest has also led to an exploration of how to use technology to improve architectural communication. For the past decade, Doane has been teaching himself cutting-edge design and presentation applications of computer technology including CD-ROM presentations and virtual reality techniques. In addition to his design work at RNL, Doane has been using his skills in Web site animation and CD-ROM production. The following interview explores Doane's expertise in these technologies and what he anticipates for the future of design communication.

**Why did you begin the process of teaching yourself this new approach to architecture and design?**

LD: When I look back on my experiences at SOM, I realize that computers were primarily used for technical purposes—the production of construction documents. At that time, around 1992, there was very little design being done on the computer. I believed that computers would be an integral part of the architectural profession and felt that as a designer in a leadership role, I needed to take the time to learn how to use the technology. I could not expect my colleagues to use the technology if I couldn't use it. Plus, I wanted to



Computer models: Larry Doane, FAIA

explore and possibly make some advances in how the technology was used.

**Members in the news**

**C**ornelius (Kin) DuBois, AIA, was elected Director of Region 6 of the National Conference of Architectural Registration Boards, for a one-year term on the 12-member Board of Directors. NCARB provides support to the 55 licensing boards (states, territories, and the District of Columbia), develops and administers the Architectural Registration Exam (ARE), administers the Intern Development Program (IDP), and provides certification for architects obtaining reciprocity in other jurisdictions.

**Scheuber + Darden Architects** of Denver, has expanded its staff with the addition of Erin Jones. Erin has six years' experience in various project types, including seniors, housing, multi- and single-family residential, golf course clubhouses, and athletic clubs for clients that include Springhouse Assisted Living, Colorado Private Reserve, Westridge Apartments, Johnson Lake Seniors, Community and Round Hill Country Club.

**Ohlson Lavoie Architecture** is pleased to announce that Ryan Harris and Sarah Spencer-Workman have joined the corporation's Denver office. Ryan is the newest member of the architectural staff and Sarah is the newest member of the marketing department.

**SA Miro, Inc** is pleased to announce the addition of Russel St. Clair as the newest member of the firm. He joins the information technology department as a computer administrator. The firm also announces the promotion of two employees, Kent Brogger has been promoted to associate principal and Sac Ayala has been promoted to senior associate.

**RNL Design** received mention by Interior Design magazine as the 63rd of the nation's top 100 Interior design giants, 4th in the nation in communications industry design and 10th in assisted living design

**Hanscomb** has been named the winner of three 1999 Construction Management Project Achievement Awards by the Construction Management Association of America. The firm received the Project of the Year award for its work at the Advances Micro Devices semiconductor manufacturing facility in Dresden, Germany. The firm also received two honorable mention awards in two other projects. The prestigious annual awards program recognizes outstanding achievement in the practice of construction management, promoting professionalism and excellence in the construction process, both nationally and internationally.

**The Rocky Mountain Masonry Institute** moved its headquarters to 686 Mariposa St., Denver, CO 80204. The new numbers are 303.893.3838 and fax: 303.893.3839.

**NEW MEMBERS**

- Rick Bender, Assoc. AIA  
Intergroup Architects
- William S. Bryan, PA  
Pastorale, LLC
- Gene Christian Dane, Assoc. AIA  
Gerou & Associates
- Michael Jeffrey Davison, AIA  
Wyatt & Associates\*
- Daniel P. Dulaney, AIA  
Dulaney Architecture
- Arne Jon Emerson, Assoc. AIA  
Davis Partnership Architects
- Stephen A. George, Assoc. AIA  
burkettdesign, inc.
- Kenley Graves, PA  
MPI/Dupont Corian (Modern  
Plastics)
- Gilbert Allan Hack, Assoc. AIA  
H + L Architects
- Christopher J. Heil, Assoc. AIA  
Brad Adams Walker Architecture
- Scott Robert Higa, AIA  
MCG Architecture
- Yvette M. Knapp, Assoc. AIA  
Art Institute of Colorado
- Christopher AF Lobas, AIA

- CCMK Architects
- John Michael Maryanski, Assoc. AIA  
Pahl Pahl Pahl Architects/Planners
- Joseph M. Montalbano, AIA  
Michael Brendle Architects, PC
- Jon David Montoya, Assoc. AIA  
RNL Design
- Michael Ohara, AIA  
VanTilburg, Banvard & Soderbergh,  
AIA
- Patrick Parker, Assoc. AIA  
The Architecture Studio
- Jeffrey G. Pedersen, AIA  
Overway Larsson Pedersen  
Architects
- Felipe Piñeiro, Assoc. AIA  
Fentress Bradburn Architects, LTD
- Thomas J. Pucciano, Assoc. AIA  
Pucciano & English, Inc.
- Kent A. Sanford, AIA  
Intergroup, Inc.
- Clarice A. Shephard, AIA  
H + L Architecture
- Jane E. Snyder Sak, AIA  
Resort Design Associates, Intl.
- Lee Sterrett, Assoc. AIA  
Sink Combs Dethlefs
- Eunice Velasco, Assoc. AIA



**What programs do you primarily use—and why?**

**LD:** My interest right now is in software that can be used as a communication tool—software that is more related to the communication/design arts. This includes, for example, Photoshop, Illustrator, Painter, and various 3-D modeling software. You can see the breadth of how computers are used as communication tools in other industries: advertising, animation, movies, special-effects. I apply the tools to communicate architectural ideas in similar ways. These tools are continually becoming more sophisticated and user friendly.

I began to use even more tools as I progressed from construction drawings to 3-D modeling to animation, and ultimately to the production of a “virtual portfolio.” The virtual portfolio is essentially a CD movie or commercial of my work. It includes imagery, text, and audio. The CD production starts with AutoCAD drawings (or other CAD-based programs) that are enhanced with Photoshop and FormZ (or other 3-D software).

To create the animation and produce the CD, I use Director and ElectricImage, along with ancillary software like DeBabbleizer (which analyzes the file and helps to clean and decrease its’ size). It is important to note that no one piece of software does everything. Each program has a center of gravity—I go through those centers of gravity to estab-

**lish a trail to the optimal end product. Where do you think the future of architectural communication and design is going?**

**LD:** I would like to see the computer used more to communicate with all members of the design and construction team, as well as with the client. Imagine beginning the design process after meeting with a client, by making 3-D computer models off of a cocktail napkin sketch. The computer enables architects to get to reality very quickly. A dialogue with the design team and the client can begin almost immediately.

As the model develops and matures through the architectural process, a database model that contains building data is developed in tandem with the image models. If all team members are using the same digital model, contractors could cut their own sections, and the drawings and project database could continue to be used by facility managers. If the project was linked to the Internet, we could download details and products from web sites, and team access to the project would be easier. Of course, the use of project Intranets and the Internet is happening to some degree, but it is far from the standard of practice.

I think that architects and designers are beginning to embrace the computer as a tool to provide clarity to ideas. At RNL, we use technology to give us the freedom to be more creative, as the

## Call for entries CITY OF AURORA, COLORADO DESIGN EXCELLENCE AWARDS

The City of Aurora, Colorado is sponsoring a Design Excellence Awards program to encourage and formally recognize creative and innovative design solutions for projects involving the built environment.

The awards program will recognize outstanding design in the following categories:

- ◆ Industrial Development
- ◆ Commercial Development
- ◆ Residential Development—single-family attached or detached and multi-family
- ◆ Mixed Use Development
- ◆ Public Facilities, including Outdoor Recreation & Public Buildings
- ◆ Renovation and Redevelopment

The 2000 Design Excellence Awards entry materials are now available

Nominations may be made by any individual, group or company. Projects nominated must be located within the City of Aurora. All entries must be received by 5:00 PM, Friday, September 15, 2000. Entry materials and additional information about the awards program may be obtained by the following methods:

Download the registration materials and entry form directly from the Web site: [www.ci.aurora.co.us](http://www.ci.aurora.co.us) or contact Development Services Telephone: 303.739.7345 Fax: 303.739.7503

City of Aurora, Colorado  
Development Services  
Attention: Bruce O'Hara  
1470 S. Havana St., Suite 620  
Aurora, Colorado 80012

speed of idea generation is increased. In addition, differences of opinion are reduced if communication is clear. Many of the tools we use let us give our clients a very detailed picture that

enables them to critique and refine design ideas. The way we convey information is critical—using current technology to its maximum capacity makes us all more thoughtful.



*We are expanding to better serve our customers!*  
(800) 775-7887

## COLORADO SASH & DOOR, Inc.

**Showroom Locations - by appointment**

<p>Fort Collins 123 N. College Ave., Suite J (970) 482-7887</p>	<p>Denver 1604 East 17th Avenue (303) 830-2611</p>
---	--

**New Sales Staff**

<p>Bob Amsberry South Denver &amp; Surrounding Suburbs (720) 936-8794</p>	<p>Dave De Jong Steamboat and Western Slope (970) 846-9060</p>
<p>Paul Johnson Greeley, Loveland, Estes Park (970) 690-9041</p>	<p>Mike Kramer Longmont, Boulder, North Denver (720) 936-8793</p>

**ARCHITECTURAL REPRESENTATIVE**

Mark Wernimont  
(970) 482-7880  
(970) 690-9040

Distributor for:



**Kolbe & Kolbe**  
Millwork Co., Inc.

**Windows & Doors  
Residential & Commercial**

## You Have to Respect What Time Won't Erase!




**Service and Selection as Solid as the Products We Represent**

With more than \$15 million in inventory, and 310 varieties of colors and textures of natural marbles, granites, slates, limestone, and onyx from 29 countries around the world, IMG is recognized as one of the largest international direct importers and wholesale distributors of natural stones.

While we are wholesale to the industry, the general public is also welcome to make stone selections from any of our showrooms throughout the U.S. You can also find specification and installation data for all types of projects, including cut-to-size and exterior cladding, interactive order forms and our product catalog at the IMG web site, serving you online 24 hours a day.

**Make the Timeless Choice for Your Next Project!**

**Corporate Headquarters  
Denver, Colorado**

(303) 722-2800 • 1-800-464-2511

[www.imgstone.com](http://www.imgstone.com)

COLORADO • KANSAS • OHIO • FLORIDA • ITALY



# AN ARCHITECT RESPONDS TO ASSOCIATES

## COLUMN

—John Williams  
AIA Colorado, President-elect

**D**ear Andrea:  
I am glad you asked for responses about the term "intern." I have been giving it a lot of thought; the current controversy is not new.

When I was in architecture school, during the late '60s and early '70s in the Bachelor of Architecture five-year program, at CU Boulder, what to call architectural graduates before their licensure was a hot topic then as well. I cared a lot about it because I worked in an architect's office during school. Then, we were called apprentices or architectural apprentices, or just draftsmen. It had been that way for a long time, based upon my discussions with architects senior to me. The discussion then was that the term apprentice or architectural apprentice implied learning a craft, more like a cobbler or a tailor, not a learned profession. It had become annoying to architecture graduates to be called apprentices.

The term architect-in-training was discussed—and at length. As I recall, engineers took most of their exam right after graduation and if they passed, used the term engineer-in-training (EIT). Again, the discussions were negative on that term for architectural graduates, because it implied being trained for something too similar to an apprentice. Also, there was no test for architectural graduates

right out of school. And, the architect's licensing test was based on an examination that combined experience after formal education.

In looking for a model, the term "intern" or "intern-architect" came to the forefront. It was likened to what doctors do in their careers. When medical students are through with the academic part of their education, they work in the hospital and become interns. They are not licensed. It was a term the public already understood and associated with a learned profession that required advanced education and formal experience after graduation. It seemed to have stature. Whenever I used the term "intern" back then, most people seemed to understand the idea that being an architect was a significant achievement, based on an internship with experienced, licensed architects, not just getting the degree.

### Intern-architect term prohibited

The term intern-architect was always problematic, because nearly every state prohibits the use of the term architect when associated with providing architectural services. The very reason we have architectural and engineering licensing laws is to protect the public. Many states do not allow the term intern-architect. Colorado removed the prohibition of the use of derivatives of the term architect

from its licensing law, but I do not know if the State Board of Examiners of Architects has made any ruling on the term intern-architect under the new law.

This issue seems driven by the emotional need to combine recognition, status, and the feeling of achievement. Many graduates with little or minimal experience are frustrated about what they get paid. However, I do not believe new terminology will change the market place. I believe all levels of the profession are terribly under-valued and under-paid in our society and economy. I have not found any architects promoting that status other than for lack of personally asserting their own value and taking risks. Think of how young architects often get their firms going, by offering low, competitive fees. It is their choice and protected by anti-trust law.

### "Architect-envy" culture abounds

I also believe we live in culture with "architect-envy." Everybody is some kind of "architect," from computer people to the Secretary of State. In Nebraska, for instance, using the term architect, by persons other than licensed architects, is prohibited and their board of architects regularly takes action on the issue. They will pursue someone calling himself a software architect.

But what about this "architect-envy" thing? We ought to be so proud, there is a term that encompasses something that special to our society, someone broad thinking, a designer with intent and purpose, a visionary, someone laying out a "blueprint" to the future of peace talks, or new technology, or our built environment. How can we capitalize on this phenomenon?

Do interns have architect-envy? I hope so, otherwise why work so hard for so long? Let me suggest the problem is not so much one of terminology, but one of daily recognition and teaching from within the profession: mentoring, architect-teachers, and trusted advisors. I have had the good fortune of working for some architects who inspired me to learn and grow quickly in their offices. They were wonderful teachers and they developed my self-esteem as an intern and young architect (like Rodney Davis and Al Zeigel). I have done my best to mentor and teach the interns in my office that way. That is how you complete the process of becoming an architect.

I don't have an alternative that meets everyone's needs. I suggest our energy and resources are better directed toward changing the process, so (ideally) every "intern" feels optimistic about where he or she is going, not just where they are today.

## OFFICE TECH PRECAST

Interlocken Business Park  
Broomfield, Colorado



Developer: Prime West Development, Inc. General Contractor: The Weitz Co.  
Architect: Gensler Engineer: Richard Weingardt Consultants, Inc.



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

- Total precast structure with load bearing architectural walls and double tee floors.
- 3 colors of precast and 5 different textures.
- Fasttrack Design Build.

Your clients have high expectations  
for technology in their new buildings?

Talk to the people who designed  
NASA's "Classroom of the Future"!

C. Daniel Miller, Ed.D.  
CEO of C/V LAN, Inc.  
303.221.5622  
cdmiller@cvlan.com  
<http://www.cvlan.com>





# DESIGNING FOR TECHNOLOGY

—Dan Miller, PA  
C/V Lan, Inc.

**D**esigning buildings to meet ever-expanding expectations for communications means designing infrastructures that effectively support robust communications networks. These expectations include multimedia on demand, spaces where individuals and groups effectively interact using technology, and adaptable infrastructures with spaces for network components.

When planning for integration of technology, the only constant we can anticipate is that technology will change. How we can help minimize negative effects of ever-changing technology by "future proofing" the physical infrastructure of the facility?

How can we accommodate technology advances, such as "switched" networks that provide dedicated cables and adequate

bandwidth to each computer? These and other changes in network design necessitate a number of basic building design considerations.

The hub in a building's network typically is located in the main data closet, the Building Distribution Frame (BDF). The BDF contains the network backbone connection, hub, servers, switches, patch panels, equipment racks, electrical power, cooling, ventilation, and cable management, and distribution system.

The network design may require components to be placed around the building. Components not located in the BDF may be located in secondary-level data closets, called Intermediate Distribution Frames (IDFs).

The space layout and connectivity between the BDF and the IDFs should accommodate the network—not the other way around.

Network backbones typically use fiber-optic cable because fiber's bandwidth exceeds that of copper cable. Also, fiber optic cable is not subject to magnetic fields around power cables and electric motors. However, fiber cable requires more care in routing to ensure that the maximum bend radius is not exceeded.

Copper cable still is the media of choice for most networks from the switch, through a patch panel to the end user's computer. The fastest standards-based copper cable on the market today is Category 5e. To ensure its higher speeds, the data jacks, wall/floor receptacles, and cable all have to be rated Category 5e and must be correctly installed.

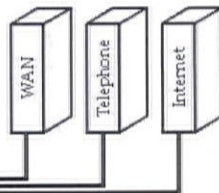
Vertical cable runs must be specifically designed to off-load cable weight and accommodate cable bend specifications. It

vertical cable runs be made between the data closets. Stacking the closets also eases the use of cable ladders to support the weight of cables. In situations where there will be concentrations of computers some distance apart, IDFs with fiber optic cable connecting them may either be stacked or placed on the same floor. Up-sizing cable ladders and sleeves will help "future proof" vertical runs.

Horizontal cable runs should be designed to meet both fiber and copper cable bend specifications and easily handle additional cable as the network expands. HVAC components often are the greatest impediments to cable runs from the BDF and IDF to the end users' computers. While cable trays may offer the best solution, it may be necessary to use alternative supports to avoid obstacles. The object is to handle the weight and avoid excessively sagging cables.

*C. Daniel Miller is President and CEO of C/V LAN, Inc., a vendor-independent technology consulting firm in integrated Denver. The firm specializes in integrating advanced computer and multimedia technologies into architectural designs. His phone number is 303.221.5622.*

is usually desirable to have at least one data closet on each floor of multifloor buildings. "Stacked" data closets let short



## CRSI's new CD now available

The Concrete Reinforcing Steel Institute recently made available its new CD-ROM, Conceptual Selection Process. Developed by CRSI for the design and construction professional, the conceptual selection process is reviewed on the CD through a series of steps that consider all the factors needed to evaluate the best structural system during the initial design stages. It allows the user to add specific information about the structure, costs, and design for comparison of various concrete and other systems.

The criteria development phase addresses every factor that could affect the selection of a structural system, other than actual costs. Included are building requirements, desires of the owner/developer, and constraints that could affect the design. The quantitative and evaluation phase develops data for cost comparison of concrete systems, then evaluates alternative framing systems. For more information, call 847.517.1200 or visit <http://www.crsi.org>.

## DESIGN YOUR FUTURE

Van Gilder Insurance Corp.  
and  
DPIC Companies, Inc.

Specialists in providing comprehensive insurance and loss prevention programs for design professionals

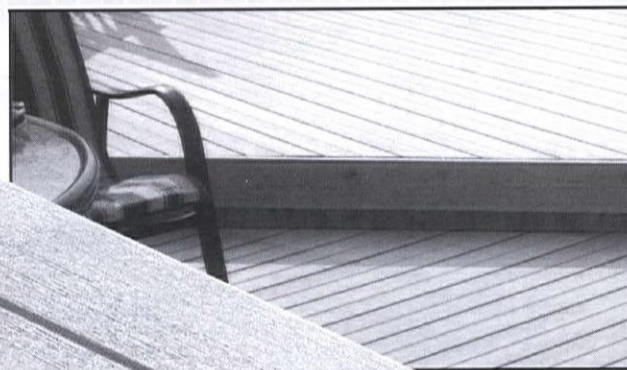
303.837.8500  
800.873.8500



Different by Design®



## Introducing the Latest Innovative Product



**TimberTech**  
An Engineered Composite  
*You'll never find wood this good.*

### TimberTech

offers high quality decking materials with low maintenance beauty. The unique tongue-in-groove design is easy to install and conceals all fasteners.

All your lumber needs are available at Boddington Lumber Company.

Boddington is your regional wholesale distributor of high quality mouldings & millwork, Stanley Steel Doors and Marvin Windows & Doors.

For more information, please call 1-800-333-8304

**BODDINGTON LUMBER CO.**

4220 Mark Dabbling Boulevard, Colorado Springs, CO 80907



[ROADSIDE, from page 9]

base of a prominent rock to the south of the station.

...Of the Christmas my grandparents spent at Beaverhead. Most memorable of all was driving north to the edge of the San Augustin Plains to make sure they could get out okay because of the snow-packed roads. As they drove off, an amazing sunrise lit up the frosty plains.

...Of the ferocity of the flash flood that swept through the station and carried a little girl away to her death. The debris was piled 25 feet high in places.

...Of my father stopping the car at the ford of Diamond Creek in a pitch-black night and deciding there was too much water to try and cross. The water did not go down until the middle of the next day.

...Of holding the flashlight and scurrying after my father on a summer evening in 1960 as he went to show the new ranger another secret of Beaverhead. Later that night, my last view of Beaverhead as a whole entity was of the lights twinkling through the willow trees as my father turned north and headed toward Magdalena.

Two years later, the station house burned down. Later the station was rebuilt at a site to the south and it became a work center used only in the summer months. In 1974, a road still

led to the site of the original station. The warehouse and a few support buildings were still being used.

Now, where has it all gone? The road has become part of a horse pasture for the Slash Ranch. Trees have grown up where the roads and buildings once stood. The bluffs have even shrunk in stature. Slowly the remnants began to let themselves be seen. The pump house, which I never went to, still stood in the willows. The spruce tree that my father planted next to the office is now much larger. The line of gnarly cottonwood trees stand in a straight, unbroken row—just as they were planted by the CCC. And finally, the stone walls built to channel the creek have not yet been buried by sediment.

“Now that you have seen it, can we take that shorter route out to T or C?”  
 “No, we can’t.”  
 “And why not?”  
 “Because the only true way to leave Beaverhead is to drive north to Magdalena.”

The Gila is the story of a vast landscape. But, in a greater sense, it has always been the story of ordinary people who lead extraordinary lives. The built remains of Beaverhead have all but disappeared.

Yet it still speaks to me in a crystal-clear voice.

Denver Firm Profile:  
**BRAD ADAMS WALKER**  
**ARCHITECTURE, P.C.**



Central Control Building, NOVA Chemicals – Corruna, Ontario, Canada

**B**rad Adams Walker Architecture, P.C. (BAW) is a 30-person architecture and interior design firm that is recognized internationally as the industry leader in Control Suite Design. Founded by B. A. Walker and Karen Smith in 1992, the Denver-based firm has completed more than 100 international and domestic control building projects, in addition to a significant amount of work for corporate and government clients.

BAW recently launched User Centered Design (UCD), a new department of specialized services for our clients in the process industries. The primary focus of UCD is to establish a shared vision between our clients' management and workforce teams, and to develop ergonomic and procedural requirements that meet Best Practices of the Industry. With the addition of UCD Services, BAW's status as the worldwide expert in Control Suite Design has become unquestionable.

Some of our most significant control building projects to date include the Central Control Building for CITGO Petroleum (Corpus Christi, Texas), the Central Control Building for NOVA Chemicals (Corruna, Ontario, Canada), and the Central Control Building for Woodside Offshore Petroleum (Karratha, Western Australia). In the corporate and government arenas, stand-out projects include the lobby renovation for The Denver Post Tower, the renovation of Republic Plaza, and the renovation of Sijan and Fairchild Halls at the USAF Academy in Colorado Springs. Contact 303.388.9500

THE ROCKY MOUNTAIN MASONRY INSTITUTE

is delighted to announce the  
*Grand Opening*  
 of our new headquarters



Please join us  
 for an  
 Open House  
 Thursday, June 8, 2000  
 4:00 pm - 7:00 pm

686 Mariposa Street  
 Denver, Colorado 80204  
 303-893-3838  
 303-893-3839 fax  
 www.rmimi.org (as of 9/2000)



Call us for masonry education, inspiration,  
 information and referrals!

Ann Sullivan, Executive Director  
 Diane Travis, Technical Director  
 Jamie Thornton, Office & Member Services Manager  
 Bill Parsons, Safety Manager



**FRANSEN PITTMAN**  
 GENERAL CONTRACTORS

is committed to building client success by blending the talents of experienced professionals from design through project completion.

**BUILDING SUCCESS**

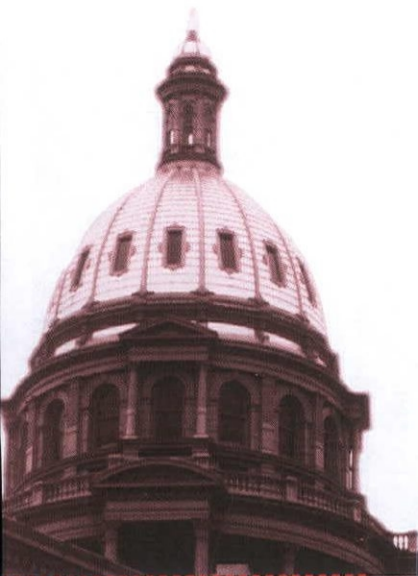
Building a strong partnership with owners, architects, engineers, and contractors promotes cost effectiveness while maintaining design integrity.

Our demonstrated superior quality, on time, and under budget completions in diverse building markets, assures clients of our commitment to excellence by **Building Success.**

**FRANSEN FP PITTMAN**  
 GENERAL CONTRACTORS

4091 South Eliot Street  
 Englewood, Colorado 80110  
 (303) 783-3900





# CINEMARK ADA CASE REVERSED

architects in a case where a federal district court found the defendant (a theater owner) to be in violation of the ADA, even though state and local building officials had approved the design and building under the Texas Accessibility Standards. Texas is one of a few states with accessibility standards certified by the U.S. Department of Justice. State certification is important because, according to the U.S. Department of Justice, it allows individuals to be "assured of compliance through inspections early in the construction process, when mistakes can be relatively easily and cost-effectively corrected."

## Status

On April 6, the 5th Circuit U.S. Court of Appeals reversed the district court holding and decided in favor of Cinemark (the theater), concluding that the theater did, in fact, provide wheelchair patrons with lines of sight comparable to those for members of the general public, as required by the ADA. Hence, the theater design did not violate the ADA.

Specifically, the court held that a comparable line of sight means that theaters must provide wheelchair patrons with an unobstructed view of the screen and does not mean that theaters are required to provide disabled patrons with the same viewing angles available to the majority of non-disabled patrons.

Because the 5th Circuit concluded that the district court misinterpreted the ADA, the issue of state certification did not need to be addressed. Although unlikely, the plaintiff in this case could try to appeal the case to the U.S. Supreme Court.

## How this affects architects

This case is important because a federal court of appeals recognized that owners and architects are entitled to rely on the plain meaning of the ADA regulations and the official interpretations available at the time design decisions are made.

In addition, the court emphasized that "Congress granted to the Department of Justice, in conjunction with the Access Board, the authority to promulgate regulations under the ADA, in order to pro-

vide owners and operators of public places of accommodation with clear guidelines for accommodating disabled patrons." This is consistent with AIA's call for certainty and clarity in the ADA guidelines.

The AIA made a strong case for increasing the clarity and certainty of the ADA. No doubt the U.S. Department of Justice, as well as Congress, will closely consider the implications of this case as the 10th anniversary of the ADA approaches in July.

For more information on this case, review the ruling at [www.ca5.uscourts.gov/opinions/pub/99/99-50204-CV0.HTM](http://www.ca5.uscourts.gov/opinions/pub/99/99-50204-CV0.HTM) and the special update attached.

**Issue**  
The Americans with Disabilities Act (ADA) is designed to facilitate accessibility of public spaces for physically challenged individuals. Architects are strong supporters of increased access to public accommodations. Unfortunately, the law lacks certainty and clarity. When ADA regulations are unclear, architects rely on guidance from any official source that provides it. Unfortunately, architects' design decisions can be second guessed after the fact, which is unfair and counterproductive in achieving ADA objectives. This lack of guidance often leaves architects confused and frustrated as they deal with a world of certainties and exacting standards.

**Background**  
Last year, the AIA filed an amicus brief (friend of the court brief) in support of

**P<sub>2</sub>RS Group, Inc. (P<sub>2</sub>RS)**, a professional Mechanical and Electrical Engineering firm, founded in 1978, is dedicated to providing its customers with world class "Responsive Engineering". P<sub>2</sub>RS provides engineering and planning services throughout the United States. P<sub>2</sub>RS Group has offices in Albuquerque and Los Alamos, New Mexico; as well as Arizona, Colorado and Oregon. Our company's success is largely contributed to our loyal employees with a large core of individuals that have 10 to 20+ years of service with us. We employ a team of the finest professionals in the business with the common goal of providing services to our customers at the most competitive cost and the highest quality available on the market today, with long-term operating efficiency and life-cycle costs in mind. The principals of P<sub>2</sub>RS have project experience dating back to 1960.

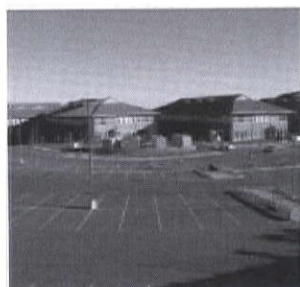
The P<sub>2</sub>RS staff supports the traditional Architecture/Engineering industry in the design of Facility Systems as well as the High Tech industry in such applications as Semiconductor and Clean Room design, including base buildings, equipment and tool installations to support the manufacturer, and sustaining and capacity evaluations. We support a broad mix of public and commercially based projects which include:

- Commercial and Industrial Buildings
- Educational Facilities
- Public and Private Laboratories
- Governmental Agencies
- The Department Of Energy
- Healthcare Facilities
- State and Municipal Complexes
- Semiconductor Plants
- Clean Room Facilities

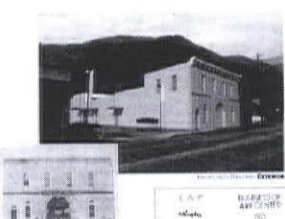
P<sub>2</sub>RS Group employs state-of-the-art technology in the planning and design of all projects, including design analysis, computer aided design and drafting, and close-range photogrammetry is developed and enhanced by Industrial Engineering Services, a P<sub>2</sub>RS Group, Inc. subsidiary. Also, the firm's computer network allows rapid transmission of project documentation to and from the satellite offices and collaborating firms via the Internet. P<sub>2</sub>RS Group, Inc. is committed to providing world class "Responsive Engineering" services which result in high-quality projects and satisfied clients.



The Hibbard Building, Colorado Springs, Colorado



Sun Microsystems, Broomfield, Colorado



Business of Art Center Garage, Manitou Springs, Colorado

**P<sub>2</sub>RS Group inc.** A Responsive Engineering Corporation  
19 North Tejon Ste. 300A  
Colorado Springs, Co 80903  
Phone: (719) 473-9590  
Fax: (719) 477-0622

## Pilkington's new solar control low-E glass

Pilkington LOF Building products has introduced its new Solar ETM glass. The world's first color-neutral pyrolytic solar control Low-E glass combines favorable solar control properties with the thermal control properties of Low-E glass.

Glazed with the pyrolytic surface on the #2 face of clear glass and with an inboard lite of clear float, Solar E provides a durable, readily available alternative to sputter coats. And because it is color-neutral, there is no change in I.G. unit appearance when the pyrolytic surface is on the #3 face of clear glass and combined with tinted or reflective glass. For more information, call 419.247.4517 or [www.pilkington.com/sunmanagement](http://www.pilkington.com/sunmanagement)

## Featuring the Océ 9800 with Repro Desk Delivering High Volume Plotting Copying & Scanning Service

**Repro Desk Software:** Installed at your office, you do all the job preparation & with a click of the mouse - send the job to Ken's

**Total File Compatibility:** With most .PLT Files  
**Scan to file:** Allows you to build hybrid plot jobs comprised of CAD plot files and scanned originals

**Fastest Scanning Speed:** 12 D size per minute  
**Many More Money Saving Features**

- ✓ Comprehensive Reprographic Services
- ✓ Color CAD Plotting
- ✓ Spec Set Copying
- ✓ Diazo up to 42" Wide
- ✓ Free Pick-up & Delivery
- ✓ Oversized Color Scans
- ✓ Oversized Color Copies



**297-9191**

**KEN'S REPRODUCTIONS LTD.**

2220 CURTIS STREET • DENVER, COLORADO 80205  
E-MAIL: SALES@KENSREPRO.COM NET: HTTP://WWW.KENSREPRO.COM



# JUNE EVENTS

Monday	Tuesday	Wednesday	Thursday	Friday
			1 4p Denver Chapter Board of Directors, AIA Office	2 Saturday 10a DFA Tour LoDo
5	6 5:30 p Denver Art Museum Public Presentation	7 12p Cte. On the Environment, AIA Office ◆ 12p 2001 Convention Mtg., RNL Design	8	9 12-2p Government Affairs Cte., AIA Office 10 Saturday 10a DFA Tour DU Campus
12 12p Denver Foundation for Architecture, AIA Office	13	14 7 a South Chapter Board of Directors	15 7:30 a Design Build Cte., AIA Office	16 11a Editorial Board ◆ 12:30 p Finance Cte. ◆ 2p AIA Colorado Board of Directors 17 Saturday 10a DFA Tour City Park
19	20 7:30 a Housing Cte., AIA Office ◆ 3 p North Chapter Board of Directors	21	22 7:30 a Historic Preservation Cte.	23 24 Saturday 10a DFA Tour LoDo
26	27	28	29	30 August Newsletter Deadline

For more information on any of these events, call AIA Colorado at 800.628.5598, unless otherwise noted.

## GALLERY EXHIBITS

May 10 - June 15  
AIA North "Northern Exposures"  
June 15 - July 15  
UCD/Barbara Ambach "Interactive Architecture"

Colorado Architect  
One Park Central  
1515 Arapahoe St.  
Suite 110  
Denver, CO 80202

## JULY HIGHLIGHTS

28 AIA Denver Golf Tournament

# Colorado

# ARCHITECT

A PUBLICATION OF AIA COLORADO

\$5.00

JUNE 2000

## ACI ANNOUNCES 2000 CONCRETE AWARDS

**O**n April 7, 2000 the Rocky Mountain Chapter of the American Concrete Institute International held its 29th Annual Concrete Awards Banquet. The program provides recognition for creative, innovative, aesthetic or imaginative uses of concrete in Colorado and Wyoming. Many AIA members and friends were recipients of these awards.

Mortenson and Rocky Mountain Prestress received the Outstanding Concrete Project of the Year for The Pepsi Center. The Weitz Co. Inc and Denver Architectural Precast Inc. received the Office Buildings Category Award of Excellence for Sheridan Plaza at Inverness. Gensler, The Weitz Co. Inc., and Rocky Mountain Prestress received the Award of Special Recognition for 370 Interlocken Boulevard. Michael Murphy Architecture, Structural Consultants Inc., and Palace Construction Co., Inc. received the Residential Award of Excellence for Trieste—"City Romance".

Wilson & Co. received the Unique Use of Concrete Category Award of Excellence for the I-25 Noise Barrier in Colorado Springs. Walker Parking Consultants received the Parking Structures Category Award of Excellence. Centric Jones Constructors received the Award of Excellence for USC/Walking Stick Interchange, SH 47 in Pueblo. Michael Barber Architecture, S.A. Miro Inc., The Weitz Co. Inc., and Rocky Mountain Prestress received the Campus Development Category Award of Excellence.

Slater-Paull & Associates Inc., JVA Inc., and Alliance Construction Solutions received the Insulating Concrete Forms Category Award of Excellence for East Grand Middle School. Clifford Taylor Architects received an Award of Excellence for The Roger A. Loo Residence.

Davis Partnership PC, Architects, Martin/Martin Inc., and Calcon Constructors Inc. received the Mixed-Use Occupancies Category Award of Excellence for the Daniel L Ritchie Center for Sports & Wellness at the University of Denver.

Young Architects Gala  
**PAGE 1**

Reactions to the AIA National Convention  
**PAGE 4**

Summer tours in full swing  
**PAGE 6**

Gila-Mythology of place  
**PAGE 9**

Using technology to boost architectural communication  
**PAGE 10**

Designing for technology  
**PAGE 13**