



COLORADO BUILDING GREEN

September 2006

The official newsletter of the U.S. Green Building Council - Colorado Chapter

Green Leaders

Colorado's Thought Leaders Speak Out on Green Design

John Powers – President and Founder, Alliance for Sustainable Colorado

by Daniele Loffreda, Plateau Enviro LLC.



Master Weaver



John Powers at the podium

“When Spider Webs Unite They Can Tie Up a Lion”- Ethiopian Proverb

All who walk through the entrance of the dual — LEED certified Alliance Center building encounter this proverb emblazoned across the foyer. Most merely glance up in passing. Some pause, quizzed expressions struggling

to link a ‘green’ designed building housing 30 non-profit tenants with spiders and lions. To fully comprehend the connection — and truly appreciate the vision and collective genius that went into creating the Alliance Center — you need to spend a couple of hours with John Powers.

And despite an incredibly hectic schedule, juggling duties with the Alliance for Sustainable Colorado, the Alliance Center, memberships on environmental non-profit and foundation boards, and participation on Denver’s Greenprint Council, John will make time to talk. Whether you represent another non-profit organization, a business, a government agency, or just have an interest in sustainability, John welcomes sharing ideas. For he is a master weaver — a weaver of webs of relationships — of relationships among multiple groups working on similar issues — whose collaborative efforts accomplish more than any could achieve on their own.

John traces the development of his approach — weaving various threads

of interrelated groups into a tapestry of united coalition - to four key life influences: a profound love of the outdoors, the inspiration of brilliant role models, serving on the boards of multiple non-profits, and Zen Buddhism.

John grew up in Greenwich, Connecticut, spending as much free time as possible outdoors. “As a child, in the winter the local ice rink was my babysitter. During summers I climbed evergreen trees, rode a bike everywhere and went camping.” Spending so much time outdoors sensitized John to the interrelatedness of Nature’s building blocks – and the importance of keeping them healthy and whole.

At age sixteen John spent the summer in Aspen with his father, who was serving as a trustee of the Aspen Institute for Humanistic Studies. He was captivated by Colorado’s rugged beauty. In college John received a Bachelor’s degree with a double major in history and psychology from Oberlin College. Following graduation he moved to Rifle, Colorado to work on

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John Powers – President and Founder, Alliance for Sustainable Colorado

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a cattle and horse ranch for a summer. The summer on the ranch stretched into a year, then two, and ended up being his home for nearly 28 years! While his university studies gave him theory behind human behavior, John credits his ranching experience with providing practical lessons in common sense, commerce and human dynamics.

John's affinity with the natural world was further nurtured through his father's workshops on Japanese art, culture, history and Zen. John identified with Zen Buddhism's close relationship with nature, the inter-relatedness of all things, and the notion that human beings should steward Creation rather than dominate it. John relates that notion of inter-connectedness in his current work to refute those who label environmentalism as a special interest. John points out "There is no greater universal self-interest, than the need to assure the integrity of the planet's life support systems." For John, issues of the environment, health care, social justice, education, and women are not 'special interest,' they are 'public interest.' Special interests want to increase profits and accumulate money. Public interests want to preserve and improve quality of life.

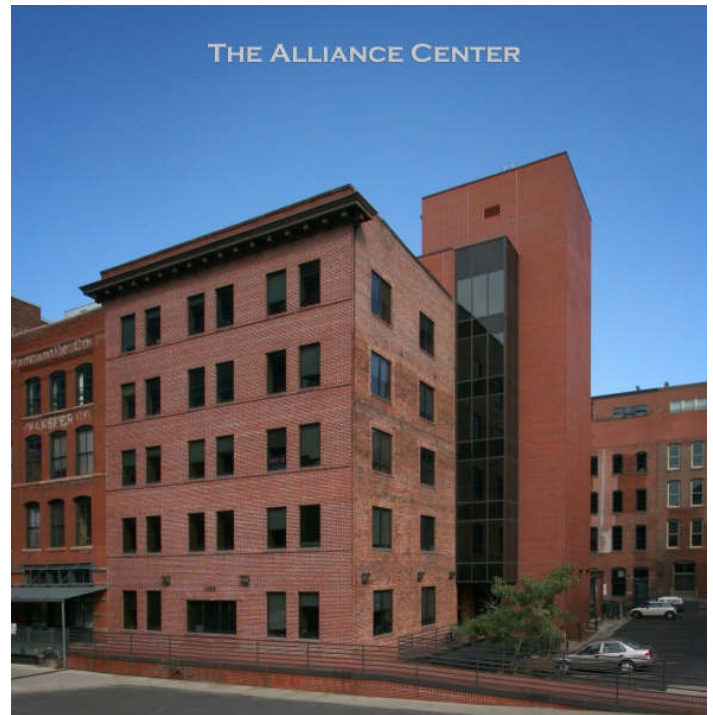
One of John's early role models was Stuart Mace. A legend in the Aspen area for his fierce stewardship of the Castle Creek Valley, Stuart settled in Ashcroft with his family in 1949. Using recycled and reused materials, he built an early multi-use 'green' building. John recalls one summer Sunday morning when a friend invited

him to follow Stuart on a walk through a meadow. "We took nearly an hour and half to walk 300 yards," muses John. Stuart showered them with facts, his 'ecology of the green world' talk on local flora and fauna spiced with legend and lore, and history of the Utes - the area's first inhabitants. "From that moment on I was hooked."

John recalls that, "Over the following years I had the good fortune to meet many brilliant minds working on critical environmental issues." Time Magazine "Hero of the Earth", John Todd, environmental literacy pioneer, David Orr, MacArthur Fellow, Kent Whealy, co-founder with his wife Diane of Seed Savers Exchange, Woods Hole Research Center's George

Woodwell, Rocky Mountain Institute's Amory and Hunter Lovins, and the Land Institute's, Wes Jackson to name some. John was impressed by how fundamentally connected these thought leaders were to nature and the "web of life." In addition to their brilliance, John was "struck by their passion, their commitment to doing the right thing, and doing so with ingenuity and kindness."

John was serving on the board of the Educational Foundation of America during this time. This Foundation is unusual in that it requires every funding proposal to be sponsored by a board member. In turn each board sponsor interacts with the non-profit applicant to understand its mission



The Alliance Center



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John Powers – President and Founder, Alliance for Sustainable Colorado

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Janna Six with John Powers

and proposed work. He often noticed that different non-profits, unaware of each other, were submitting proposals for similar work. He tried encouraging them to collaborate – with varying degrees of success.

The proverbial ‘light bulb’ went off during a lunch discussion with Del Langbauer of the Harder Foundation. Del explained his approach to encouraging collaboration. He required joint proposals from groups working on the same issue so they would conceive, implement and report on their work together, in order to share grant proceeds. For John, “two sentences at lunch changed my entire approach to grant making.”

Taking note of Ted Turner’s pioneering “space bridges” broadcast between Russians and Americans, sponsorship of the Goodwill Games and creation of CNN, John subscribes to the theory that “the more familiar you become with people who at first glance appear different from you, the more likely you are to empathize, understand, and ultimately cooperate with them.”

John combined both concepts in founding the Alliance for Sustainable Colorado. He views its long-term goal as providing the nucleus for a statewide sustainability movement, and a replicable model for sustainability movements in other states that can form a national network. The Alliance team works persistently to facilitate relationships among non-profit groups, socially responsible businesses, and government agencies. “Our strategy underlying all our programs is to foster the means, willingness and reasons to communicate – to build relationships from which grow cooperation, collaboration and coalitions”. “We need all interests at the table crafting sophisticated solutions to the complex environmental and societal problems facing us today.” With a small staff and dedicated volunteers, the Alliance for Sustainable Colorado operates programs in three keys areas: Education and Training, Outreach and Public Policy, and Demonstration and Replication. For more information see www.allianceforcolorado.org.

To reverse attempts at driving wedges between groups working in the ‘public interest,’ John cites the example of champion marathoner Billy Mills, a member of the Oglala Sioux tribe. When racing against a fellow Native American, Billy declined to beat him. Instead Billy held back so that they could cross the finish line together. “No one wins when the collective interest is sacrificed for the maximization of the individual interest” reminds John. “We don’t win unless we all break the tape at the same time.”

The Alliance’s flagship project is the Alliance Center, a ‘green, Multi-Tenant Nonprofit Center.’ Knowing of John’s interest in creating a center for non-profits working on varying issues, in February 2004, Joyce Meskis -, owner of the Tattered Cover Bookstores - offered to sell him an historic warehouse at 1536 Wynkoop. John formed the Alliance Center, LLC, signed a purchase agreement, and applied for non-profit status for the Alliance for Sustainable Colorado. Viewing high performance green building design as a key educational component of the Alliance’s strategy and demonstrating ‘leadership by example’, the Alliance team undertook the aggressive goal of pursuing LEED certification in two categories: Existing Building and Commercial Interiors. For John, “green building is fundamental to our philosophy. Our tenants should be healthier here, happier, and more productive. We must create a place where people are enthusiastic to come, to collaborate and to share ideas”

Led by Project Manager, Aaron Nelson, staff and volunteers worked at forced march pace for two years to renovate the building with energy and water conservation technologies, and non-toxic, recycled, low impact materials. In 2006 the project was awarded LEED Gold certification for Existing Buildings, and Silver certification for Commercial Interiors — the only building today with these dual certifications.

The Alliance Center is currently 100% leased with 30 non-profit tenants. Roughly half are involved



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John Powers – President and Founder, Alliance for Sustainable Colorado

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in environmental issues, with the rest having missions focused on other areas of sustainability policy. “All our tenants are non-profits, and they always will be.” Ownership of the Alliance Center is expressly by a non-profit organization, to enable below market rents and ensure stability for tenants in the long-term. As John explains, “Any definition of sustainability must include a long-term time frame.” The Alliance promotes solutions that come not from the political left or right, but from the present, considering the future.

When vetting potential lessees, John looks for non-profits whose work directly or indirectly supports sustainability and that can complement the work of other tenants. Second, he looks for organizations that can benefit from being located just 18 blocks from the State Capitol. This means a focus on policy, rather than service. “The example I use is: if your group advocates for policies that benefit the homeless, then it fits with the mission of the Alliance. But, if it provides the service of arranging housing for homeless people, there are better locations than Lower Downtown Denver.”

How does John know if the Alliance is successful? John responds with a twinkle, “There are three things that make me absolutely grin: standing in front of the marquee list of tenants alongside the elevator in the Alliance Center; seeing people from different groups bump into each other in the building and share ideas; and looking into a conference room and not recognizing the people inside. That

tells me that groups from the outside are using the Center as the community resource it’s envisioned to be.”

When asked what’s next, John describes the vision. “Helping advance the concept of multi-tenant non-profit buildings, contributing to the growth of a statewide sustainability movement in Colorado, and assisting similar efforts in other states. The Alliance is willing to share everything we do and the lessons we’ve learned. We intend to expand the Alliance Center with a new building on our adjoining lot, to offer more offices for a greater number and diversity of groups, and versatile meeting and event space. The enlarged Center will provide a place for a national network of state-based sustainability movements in Denver, which has the largest airport closest to the center of the country.”

To realize this next step, the Alliance Center will embark on a capital campaign. With the advice of a visionary financial advisor, John envisions raising enough contributions to pay for the second building and generate operating surpluses to pay off the first building’s mortgage. The subsequent positive cash flow would

enable the building of a grant making fund. A committee of tenants and allies would make grants to fund the work of non-tenant partners. Thereby the Center will become a magnet attracting collaborators and a generator of energy — both financial and programmatic - to support a sustainability movement into the future. Truly a sustainable model by anyone’s definition!

Although he holds an MBA in Finance, John has a unique response to questions about return on investment. “What’s the ROI on the Center, you ask? Well, how happy are the tenants? Are they more efficient and their work more effective? The ROI is societal, in improved quality of life — not a percentage financial return.” John admires the quote of Abraham Lincoln, “I cannot understand why men should be so eager after money. Wealth is simply a superfluity of what we don’t need.” John believes that what we do need is more caring and compassion. Which is why he smiles at the community in the Center.

The master weaver’s goal is to blend individual threads into a fabric. “Ideally, all the individual threads become so intertwined, so inter-supportive, so interactive, that you can’t distinguish where one thread begins or ends – it becomes part of a web.”

And together they will bind a lion!



John Powers at Greenprint Denver Meeting

Technical Update

Flexibility and Efficiency with Raised Access Floors and Underfloor Service Distribution

by Bill Perry, LEED AP, Tate Access Floors, Inc.

Businesses today are changing at an increasingly fast pace

and require workplaces that are adept at meeting unpredictable future needs. Using an access floor with underfloor air and underfloor modular cabling provides unsurpassed layout flexibility, while providing cleaner, healthier, more comfortable air to workplaces than conventional overhead systems.

With air and services distributed underneath an access floor, in-house staff can relocate air diffusers and service terminals anywhere they're needed at minimal cost. Building owners can choose virtually any floor plan, and quickly change layouts to meet the demands of technological and organizational growth. Compared to overhead air distribution, underfloor air distribution creates a more comfortable workplace for occupants and greater energy and reconfiguration efficiency for building owners.

Underfloor Wire and Cable Management

Utilization of underfloor wire and cable systems reduces initial labor and material costs by eliminating wire and cable drop downs and by locating service terminals in the access floor only where needed rather than at specified intervals in walls. When a modular wire and cable system is utilized, it will be installed faster than a hard-wired system, further reducing labor costs and installation time. When workstations must be relocated, access floor panels with service terminals are unplugged and swapped with solid panels elsewhere. The system's flexible



wiring is rerouted under the floor and reconnected. Terminals can be moved in minutes by in-house staff — there's no need to hire electricians.

The freedom of flexibility

- Office spaces are reconfigured at a rate of 40% per year. Access floors provide quick access to underfloor 'plug & play' services.
- Flexible and accessible underfloor services minimize restrictions on floor layouts.
- Simple service changes minimize the need to hire outside services and are made with minimal disruption to the work environment.

Underfloor Air Distribution (UFAD) -- Creating a Healthier Workplace

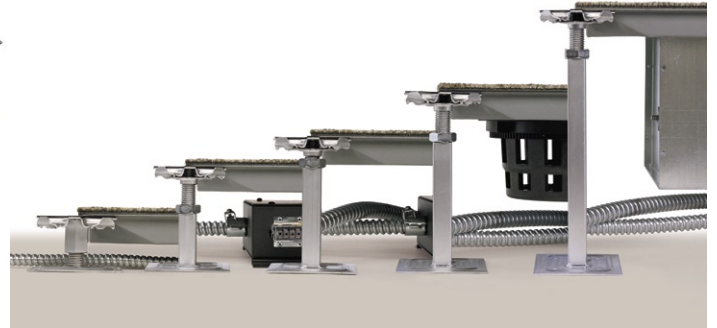
High quality air, a high degree of thermal comfort and greater natural daylight penetration all help to create a healthier, more comfortable workplace. An access floor with UFAD significantly contributes to creating these conditions while providing cost benefits.

According to the U.S. EPA, air quality and thermal comfort have proven to significantly impact employee health, comfort, and productivity. UFAD improves air quality by delivering newly conditioned air directly to the workplace's occupied zone. Fresh air from below reaches occupants without

Technical Update

Flexibility and Efficiency with Raised Access Floors and Underfloor Service Distribution

Continued



first circulating through warmer, stagnant air near the ceiling, as happens with overhead delivery systems. Occupant comfort is enhanced by having floor diffusers that can be located anywhere and are equipped with personal comfort controls for adjusting airflow. Cost benefits are derived because when utilizing UFAD, cooling supply temperatures can be up to 10° warmer than in overhead systems, the system's economizer mode can be used more hours because of the higher cooling temperature, fan power requirements are reduced due to the lower pressure requirements of an underfloor systems, and the amount of air required for thermal comfort is lower because only the six-foot high occupied zone needs to be conditioned -- rather than the entire space.

Natural daylight penetration can be increased by increasing the height of windows. This is possible in new construction because UFAD eliminates the need for overhead supply ductwork -- thereby reducing the overhead space requirement and allowing ceilings and windows to be higher (without

increasing the building's slab-to-slab height). Cost benefits are derived by eliminating the material and labor required to install overhead supply ductwork. As a bonus, full-expanse drop ceilings are not required since there are no services overhead -- giving designers freedom to create unique ceiling finishes.

Strategies for creating a healthier environment

- Improve ventilation effectiveness by delivering fresh air at the floor level.
- Ensure personal comfort control by providing movable floor diffusers with adjustment controls.
- Increase natural daylight by increasing window heights.

LEED® Ratings and Access Floors

Many LEED Certified buildings have utilized UFAD to achieve greater energy efficiency, reduce material use, improve thermal comfort and air quality, and to enhance ventilation effectiveness. Utilization of underfloor modular wire and cabling will reduce material use throughout construction

and the life of the building.

The attributes of access floors mentioned above, plus the use of any recycled materials and/or U.S. manufacturing can contribute toward achievement of prerequisites and point accumulation in four categories of the LEED® rating system:

- Energy and Atmosphere
- Materials and Resources
- Indoor Environmental Quality
- Innovation in Design

Conclusion

The use of access floors is helping many buildings attain LEED® certification and is helping builders to create flexible, enjoyable and healthier work environments.

Local Green Building News



AIA Denver Committee on the Environment Award 2006 Sustainability Awards

by Tom Hootman, AIA, LEED AP, RNL Design

AIA Denver added a new award program to this year's awards program – the AIA Denver COTE Sustainability Awards. The local Committee on the Environment (COTE) selected 5 projects from the pool of applicants from the AIA Denver design award program as recipients for the new award. The award recognizes projects that exhibit both high performance design and design excellence.

The 2006 Sustainability Award winners include Byron G. Rogers U.S. Courthouse by Bennett Wagner & Grody Architects, Playa Blanca Wildlife Interpretive Center by Anderson Mason Dale Architects, Generation Neighborhood by Michael Tavel Architects and David Kahn Studio, Colorado Springs Utilities Environmental Services Laboratory by RNL, and Solar Village Prospect by Michael Tavel Architects. As a testament to the design quality of the sustainability award winners three of the five also independently won design awards under the design award program. These design award winners are Byron G. Rogers U.S. Courthouse with an Honor award, Playa Blanca Wildlife Interpretive Center with a Merit award and Generation Neighborhood with an Honor award.

In addition AIA Denver COTE won a President's Award for their strength of leadership and passion for making sustainable design principles a more integral part of our practice of architecture. "This has been a big year for AIA Denver COTE and the President's Award is a tribute to all of

the hard working volunteers on the Committee on the Environment," noted Alex Thome, AIA, CDT, LEED AP, Associate at Fentress Bradburn Architects and Chair of the AIA Denver COTE. In addition to adding sustainability awards to this year's AIA Denver awards program the committee has been involved in advocacy for green building policies and legislation; developing educational programs including a free lunch time speaker series and building tours; publishing a new edition of the Sustainability Design Resource Guide available on the AIA Colorado website; and promoting Greenbuild and other sustainability events within the AIA community.

The following is a summary of the five projects receiving the AIA Denver COTE Sustainability Award.

Byron G. Rogers U.S. Courthouse Architect: Bennett Wagner & Grody Architects

The project is a renovation and modernization of the 1965, five-story Byron Rogers US Courthouse

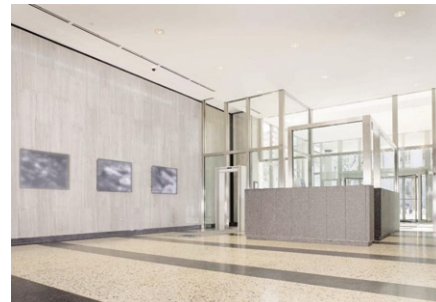


Image courtesy of Bennett Wagner & Grody

in downtown Denver. Results of the effort include a new public entry and lobby; complete mechanical, electrical, security and technology upgrades; full asbestos abatement; ADA compliance, renovation of offices and public spaces; Courtroom upgrades, rejuvenated exterior façade and site. The project was selected as a LEED-EB Pilot project and received a Gold rating. While weaving sustainability throughout the project the team also addressed a myriad of design requirements including being part of GSA's Design Excellence Program; historic preservation concerns; security and anti-terrorism issues; significant asbestos and lead based paint removal; and integration of public art projects.

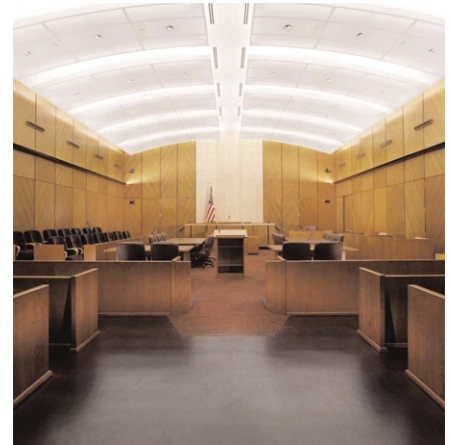


Image courtesy of Bennett Wagner & Grody

Jury Comments:

- This project proves that, when renovating a building, it is possible to not only make the appearance better, but greatly enhance the performance of the building.
- This major renovation project reused



Local Green Building News

AIA Denver Committee on the Environment Award 2006 Sustainability Awards

Continued

the building shell and structure and salvaged and reused beautiful interior materials while also transforming it into an energy efficient and water conserving building.

- An example of a LEED Certified project honoring and complimenting the modernist flavor of the original building in a graceful manner.

Playa Blanca Wildlife Interpretive Center

Architect: Anderson Mason Dale Architects

The Playa Blanca Wildlife Interpretive Center is an unbuilt project sited at the Playa Blanca State Wildlife Area in the San Luis Valley located in south-central Colorado. The proposed Interpretive Center is located along the northeastern edge of an existing man-made pond. The building is oriented and configured to mitigate the presence of the sun, utilizing the site walls and steel canopies to control direct sun light during the summer while allowing the same light to enter the building when needed during

the winter. Northern ambient light is afforded via clerestory windows within the gallery, transmitting light to the adjacent program spaces. The prevailing southwest wind is mitigated by the north-south screen wall, while also serving to shield the southern outdoor deck from the wildlife that inhabits the pond. This southern wind is collected by louvers along the south clerestory of the gallery and through evaporative cooling means is dropped as cool air into the space, while rising hot air is ventilated high from the north clerestory. The concrete and masonry surfaces provide thermal mass, offering insulation and heat transmission for the building; the concrete slab of the multi-purpose rooms will capture southern light during the winter days and radiate the heat into the interior environment during the evening. The use of grey water systems for irrigation and sanitary water will speak to the preciousness of water in the San Luis Valley. The capture of this water can be celebrated architecturally through expressed scupper, downspout, and collection details. A stretch of photovoltaic panels is proposed above the

west end of the gallery, contributing to the power demands of the building, or providing dedicated power to an interpretive exhibit.

Jury Comments:

- The very nature of the project, to educate visitors about the environment, is sustainable.
- Elegant response to merging the architecture with the landscape.
- I was struck by the beauty of the composition of this project, and also it's commitment to environment, including innovative water strategies.

Generation Neighborhood

Architect: Michael Tavel Architects and David Kahn Studio

Generation is a planning project for a 260-Unit, 20-acre, 2-3 story mixed-use urban neighborhood in Arvada located along the Ralston Creek Regional Bikeway. The "Generation" neighborhood is envisioned as a model sustainable community that combines sustainable site planning, sustainable



Image courtesy of Anderson Mason Dale



Image courtesy of Anderson Mason Dale



Image courtesy of Michael Tavel Architects

Local Green Building News

AIA Denver Committee on the Environment Award 2006 Sustainability Awards

Continued

building technology, and energy performance standards to create a neighborhood that is “net-zero energy ready” for its residents. The mixture of building types and land uses proposed is intended as an armature to support affordability, diverse ages, family types and cultural outlooks, and a range of uses including living, working, shopping, and socializing. Solar access is optimized in relation urban density. Innovations in building placement, drawing from international examples, greatly reduce heating and cooling loads on individual homes. The resulting development pattern is nicknamed “checkerboard.” Ground materials and landscaping are designed to maximize earth permeability and reduce heat gain. Linear Greens, sometimes replacing streets, filter storm runoff and bind a community together through a diverse pedestrian, park, and drainage network.

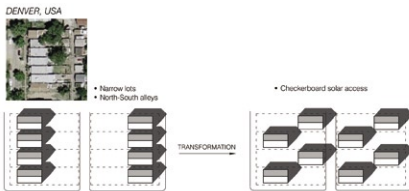


Image courtesy of Michael Tavel Architects

Jury Comments:

- Truly innovative and convincing. This project stood out immediately!
- Awesome to see someone tackling one of the least sustainable pieces of our society and inventing strategies that can make these neighborhoods perform at a higher level.

- To achieve ‘zero-energy’ is a tall order, but this project moves in the right direction, while proposing refreshing, progressive architecture.
- I think most of us have written off the ‘burbs as hopeless, but this project shows hope.

Colorado Springs Utilities Environmental Services Laboratory Architect: RNL

The project, located in Colorado Springs, consists of labs and offices used for testing, quality control and compliance functions for the local water utility. The goal of the project is to provide architecture that is derived from both functional lab requirements and sustainable design objectives. The lab is a model, both operationally and aesthetically, for future green laboratories in Colorado. The project was designed to, and achieved LEED



Image courtesy of RNL

Silver Certification, the first lab in Colorado to do so. Daylighting is a key feature of the design. The building is oriented so that the longest axis runs east-west, maximizing daylighting to the north and passive solar heat gain to the south (controlled in summer months by sunscreens). A three-story light well bisects the 300-foot long axis, bringing daylight deep into the building. The strong emphasis on daylighting results in 90% of the occupants having views to the outside. Automatic light sensors reduce light energy consumption by 25%. Special considerations included maintaining air quality in lab spaces; energy efficiency; water usage and the creation of a pleasant and healthy work environment.



Image courtesy of RNL

Jury Comments:

- All utility companies should be pushing the limits like this with their utility buildings.
- The image of the porous sunshades catching the sunlight while casting shadow on all the windows was very powerful.



Local Green Building News

AIA Denver Committee on the Environment Award 2006 Sustainability Awards

Continued

- The project proves that even the most energy and water intensive facilities can be models of sustainability.

Solar Village Prospect

Architect: Michael Tavel Architects

Solar Village Prospect is a mixed-use project located in Prospect New Town in Longmont, Colorado. The vision for the project is to poetically meet the urban design challenges of a building



Image courtesy of Michael Tavel Architects

that establishes a main street, while also creating solar powered mixed-use and liveable environment that exemplifies sustainable construction, solar access, energy conservation. Organized in a 'U' configuration, the project has three urban front facades and opens south to the winter sun. Most of the residential units receive passive solar gains from the south, and have south-facing outdoor terraces. Radiant floors and hot water are provided by solar panels on a serrated roof. Photovoltaic panels are used in sunshades over south-facing windows. Buildings are super-insulated, and most materials are low-toxic, durable, and from sustainable sources.



Image courtesy of Michael Tavel Architects

Jury Comments:

- A beautifully executed modern mixed use building with highly integrated passive and active solar design.
- Fun and green- it doesn't get any better than that!
- Solar devices are sensitively integrated with the building aesthetic.

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Greenbuild Update

Greenbuild Update

by Margaret Rogers and Cassandra Coombe
PR & Media Committee Co-Chairs

The conference is coming quickly. November 13 is right around the corner and lots of exciting tasks are at hand with the Greenbuild Local Host Committee. The purpose of the Colorado Host Committee is to add local flavor to the conference. You'll be delighted to discover that our all-volunteer committees are adding that color through art, outdoor activities, a new green roof, and Native American ceremonies.

Pre-Conference Speakers Series

In preparation for the conference, the Colorado Host Committee is sponsoring a series of advance speaker presentations throughout the Front Range geared to generate enthusiasm toward sustainability. These sessions are currently scheduled for the following dates and locations:

- o October 19th Colorado Springs Utility
7:30 am – 12:00 pm
- o October 26 Arvada Center
4:00 pm – 8:30 pm
- o November 2 Tri-State Generation
7:30 am – 12:00 pm
- o November 8 Fossil Ridge High School
4:00 pm – 8:30 pm

For more details, please contact Sandie Busby at sbusby@emcengineers.com

News from Events Committee

West Region Membership Networking Hour - The West Region Council would like to provide an opportunity for members of the West Region to network. Therefore they have organized the West Region Membership Networking Hour which will be held in the bar area of



the Denver Chophouse on Tuesday, November 14th at 5:30 p.m. This is not a sponsored event, all drinks and food shall be paid for by each attendee as they are consumed. There is no need to RSVP for this event. The Chapter Party will follow this networking hour, which will also be held at the Denver Chophouse. For more details on the Chapter Party, please visit www.greenbuildexpo.org

Green Home Building Summit - Are you a green home designer, builder, and planner? If so, we have a special place for you at Greenbuild. We encourage you to visit the Green Home Building Summit. For more information, stay tuned to www.greenbuildexpo.org

News from Hospitality Committee

The Hospitality Committee is organizing several Pre & Post Conference Mini-Vacation Tours which will take participants further a field of Denver and allow them

to explore the beauty of Colorado's mountain splendor along with many additional sustainable sites and programs. For more details, please visit www.greenbuildexpo.org

Sign up for the Rocky Mountain Rendezvous

Remember to sign up for Rocky Mountain Rendezvous, the Host Committee's Welcome Gala. The event will give you a taste of what Colorado is all about- home-grown bands, Colorado style, food, locally brewed beer, locally harvested wines, plus an oxygen bar and a snowboard simulator! - at one of Denver's most historic buildings, the 1770 Sherman Street Event Complex. Whether you come for dancing or networking, the Welcome Gala will be sure to suit your needs, Colorado fashion.

Attendance is limited to 1,000 and is more than half sold out, so get your ticket soon.



Greenbuild Update

Greenbuild Update

Continued

Emerging Green Builders

Take an active part in the EGB Downtown Denver Pub Crawl! (Or perhaps that should that be/Saloon/crawl?). Information will be posted at the EGB Networking Garden at the conference.

Local Focus Committee

The Greening Colorado Challenge seeks downtown Denver businesses willing to host the Walking Tour, which promises to be one of the best-attended events at Greenbuild. For more information, contact Julie Edwards at jedwards@ozarch.com.

Volunteer Committee

Know any college students who care about the environment? The Volunteers Committee has already signed up over 300 college students as conference volunteers, and plans to cut off registration at 500. Be sure your college student gets a chance to participate in the green revolution!

Greening the Conference Committee

The Greening the Conference Committee scored a victory in convincing the Convention Center to recycle -- not just for our conference, but for all future conferences!"

Taking Green building to a "Higher Level"

With three incredible days of conference activities and the Mile Hi City laid out at your feet the

opportunities are endless. Projections for registration are looking good, so remember to mark your calendar and register soon if you have not done so already.

Hybrid Parking

The Local Host Committee has made arrangements for free hybrid parking adjacent to the Convention Center during Greenbuild 2006. Twenty-five meters on 14th Street and Welton have been secured from November 14 through November 18. Designated meters will be bagged and marked for hybrids for the duration of the conference. For more information, contact Renee Azerbegi at renee@ambient-e.com

Colorado LEED Projects

Membership Update

Certified Projects

BUILDING	CITY
Sundeck Restaurant (NC 1.0 Bronze)	Aspen
CH2M Hill South Building (NC Certified)	Englewood
CH2M Hill West Building (NC Certified)	Englewood
CH2M Hill North Building (NC Certified)	Englewood
North Boulder Recreation Center (NC Silver)	Boulder
Boulder Community Hospital (NC Silver)	Boulder
U.S. Department of Transportation (NC Silver)	Lakewood
Denver Place (EB 1.0 Gold)	Denver
Russell T. Tutt Science Center (NC Certified)	Colorado Springs
Snowmass Golf Clubhouse (NC Silver)	Aspen
Colorado Springs Utilities Laboratory (NC Silver)	Colorado Springs
Fossil Ridge High School (NC Silver)	Fort Collins
University of Denver, College of Law (NC Gold)	Denver
Belmar 2M3 (NC Silver)	Lakewood
State of CO Dept. of Labor and Empl. (NC Cert)	Denver
Boulder Associates, Inc. (CI Gold)	Boulder
Pikes Peak Regional Development Center (NC Silver)	Colorado Springs
ProLogis (NC Cert)	Denver
Univ. of Colorado Memorial Center (EB Silver)	Boulder
Classrooms of Guggenheim Hall (CI 1.0 Silver)	Fort Collins
Alliance Center (EB Gold)	Denver
Porter Industries Building (EB Gold)	Loveland
* City of Fort Collins Vehicle Storage Building (NC Silver)	Fort Collins
* DTJ Design Office Expansion (CI Gold)	Boulder
* RMI Offices (CI Platinum)	Boulder
* Byron G. Rogers U.S. Courthouse (EB 1.0 Gold)	Denver

* New!

Chapter Calendar

Pre-Conference Speaker Series

The Colorado Chapter of the U.S. Green Building Council is sponsoring a four part series of talks to build awareness about green building.

Pre-Conference Speaker Event One of Four: October 19, 2006

Schedule:	07:30 – 07:50	Event Registration
	07:50 – 08:00	Introduction
	08:00 – 09:10	Peter D'Antonio – LEED NC: Colorado
	09:20 – 10:30	Donald Davenport – Commissioning, Modeling & Performance Goals
	10:40 – 11:50	Jim Bradburn – Turing Hay into Heat
	11:50 – Noon	Closing Remarks
Location:	Colorado Springs Utility, Leon Young Building 1521 Hancock Express Way Colorado Springs, CO 80903	
RSVP:	RSVP with name, phone and event location to: reeves@dota.com	
Cost:	\$10.00 or \$5.00 for students. Cash or Checks accepted at door.	
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Welcome New Colorado Chapter Members!

August

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Gwendolyn Ransom
Brian Krill
Stan Clauson
Tom Milavec
Bret Newlin

Welcome New Member Organizations!

August

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Denver
Lend Lease Communities,
Denver
Boulder Valley Public Schools,
Boulder
Smoke Free Gaming,
Greenwood Village
Keith Krebs AIA, Architect,
Denver
Stan Clauson Associates, Inc.,
Aspen
Knudson Gloss Architects,
Boulder
Fox Construction, Inc.,
Steamboat Springs
Poudre School District,
Fort Collins



VISION

Promote responsibility for Colorado's environmental legacy.

MISSION

Advance and promote sustainable planning, design, construction and operation of the built environment through education, improving industry guidelines, policy advocacy, and information and resource sharing.

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