

Colorado

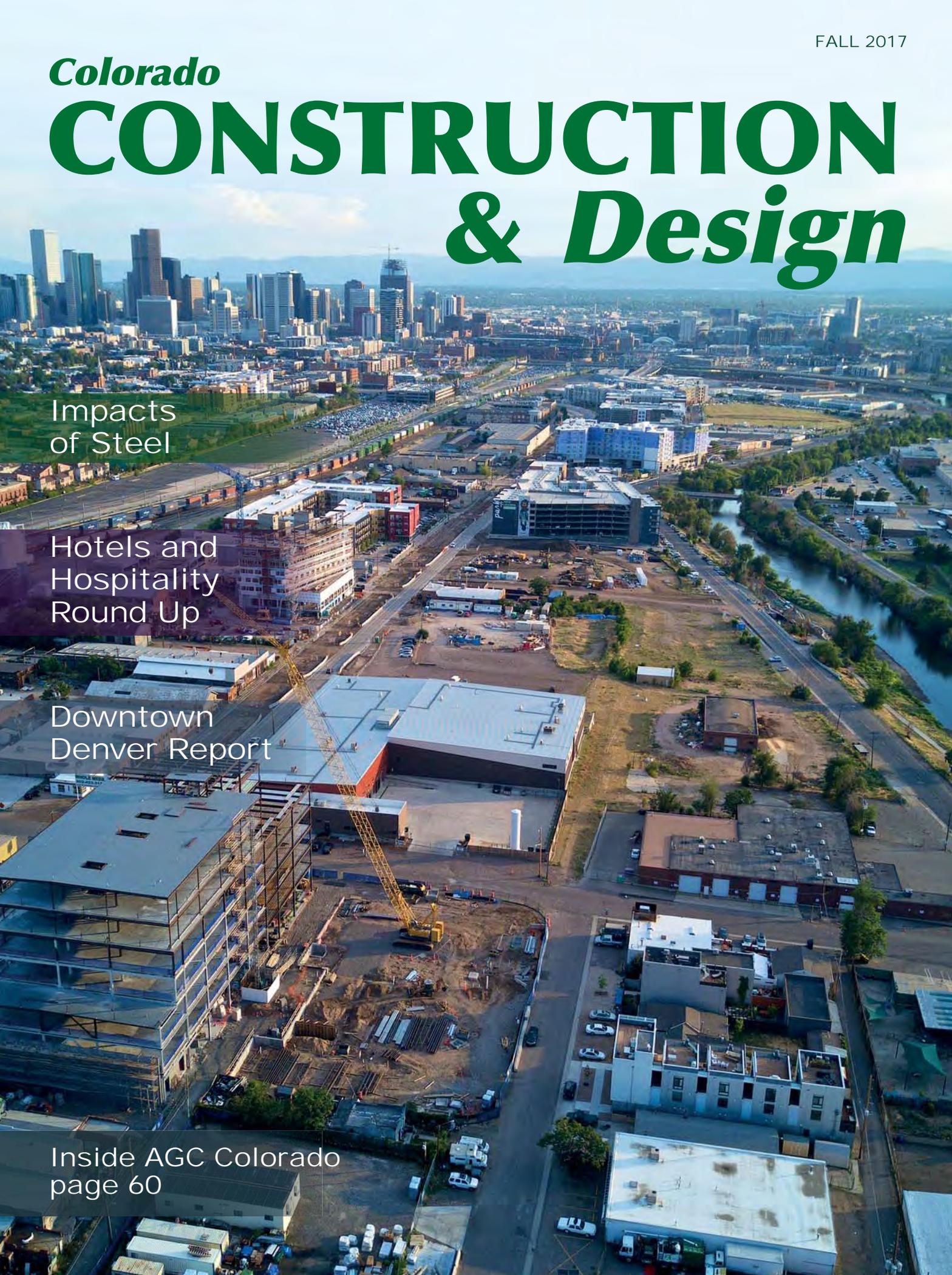
CONSTRUCTION & Design

Impacts
of Steel

Hotels and
Hospitality
Round Up

Downtown
Denver Report

Inside AGC Colorado
page 60



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DAY 1

Flagstone harvested from local quarry in Lyons, Colorado



DAY 9

Stone cast in face of precast sandwich panels with integral rainscreen/ drainmat, and Thermomass insulation.



DAY 27

Precast cladding erected in 22 days compared to 130 days for traditional field-installed flagstone.



Project: CSU Health and Medical Center
Owner: Colorado State University
Contractor: Adolfson & Peterson Construction
Architect: Bennett, Wagner, Grody Architects
Engineer: JVA Consulting

RMP ROCKY MOUNTAIN
PRESTRESS

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Catalyst Digital Health project off Brighton Boulevard in Denver. Koelbel and Company is the owner of this project with The Beck Group serving as the contractor and architect.

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Subscription email: mike@ccdmag.com
Subscription \$40.00 per year in the USA

Postmaster: Send address changes to:
Colorado Construction & Design, Inc.,
8622 W. Warren Dr., Lakewood, CO
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Anniversary, Anticipation, and Awards



Mike Branigan, Publisher

Dear Reader,

In this issue of CCD we take a look at many projects underway in Colorado. Reporter Sean O'Keefe gives us an update on hospitality projects, and Julie Wanzer gives another in depth report on the status of steel construction projects. Her steel construction report is accompanied by an update from Rocky Mountain Steel Construction (RMSCA) President Casey Brown, who recaps recent activities of the RMSCA.

By now, many of you have become familiar with our Editor, Polly Emmons, who is celebrating her one-year anniversary as Editor of CCD. Polly is your key contact to send us your news, project updates, association news and people news. If you haven't already sent us your news, or want to see your projects in this magazine, please contact Polly directly via email at: polly@ccdmag.com or simply email news@ccdmag.com.



Polly Emmons, Editor/
Creative Director

From a marketing standpoint, our 2018 Media Kit and Editorial Calendar are now available. For a preview of what's to come, email me a note or visit our website, www.ccdmag.com. Coming up in our Fall/Winter edition, we partner with AGC Colorado to publish their Annual Report, "Inside AGC Colorado." Special congratulations to AGC Colorado as they were just named AGC Chapter of the Year by parent organization, AGC of America. Way to go AGC Colorado. And if you're a Lakewood resident of Ward 3, be sure to remember to vote for Michael Gifford, City Council candidate from Lakewood, Ward 3.

As always, send us your news. We're here to help you build your business.

Sincerely,

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Davis Partnership Architects Receives Top Design Award

The American Institute of Architects (AIA), Colorado presented Davis Partnership Architects with a 2017 Design Award for The Training Center during the 2017 AIA Colorado Awards Gala on Friday, Aug. 18, 2017 in Denver, Colo. A total of 28 Design Awards were presented this year to deserving members of the Colorado architecture community each recognizing build, materials, aesthetics, space and design.

The 2017 AIA Colorado Design Awards Jury was comprised of four individuals: Manoj Dalaya, AIA of KGD Architecture (2017 Jury Chair), J. Paul Lewis, AIA of WKL Architecture (2017 Jury Co-Chair), Elizabeth Reader, FAIA of Reader & Swartz Architects, P.C., and Kevin Sneed, FAIA of OTJ Architects.

The new Training Center in Aurora, CO was designed and built to provide comprehensive training programs for construction professionals. The Training Center is a state of the art 54,964 s.f. teaching facility sited on 11 acres. The campus features a one-story administration structure with two detached pre-engineered labs.

Denver-Based Engineering Firm BCER Acquires SSG MEP

BCER, a Denver, Colorado-based full-service MEP engineering, technology, and life safety firm serving the commercial, industrial, institutional and government markets, today announced the acquisition of SSG MEP, a professional engineering firm focused on electrical and lighting design services.

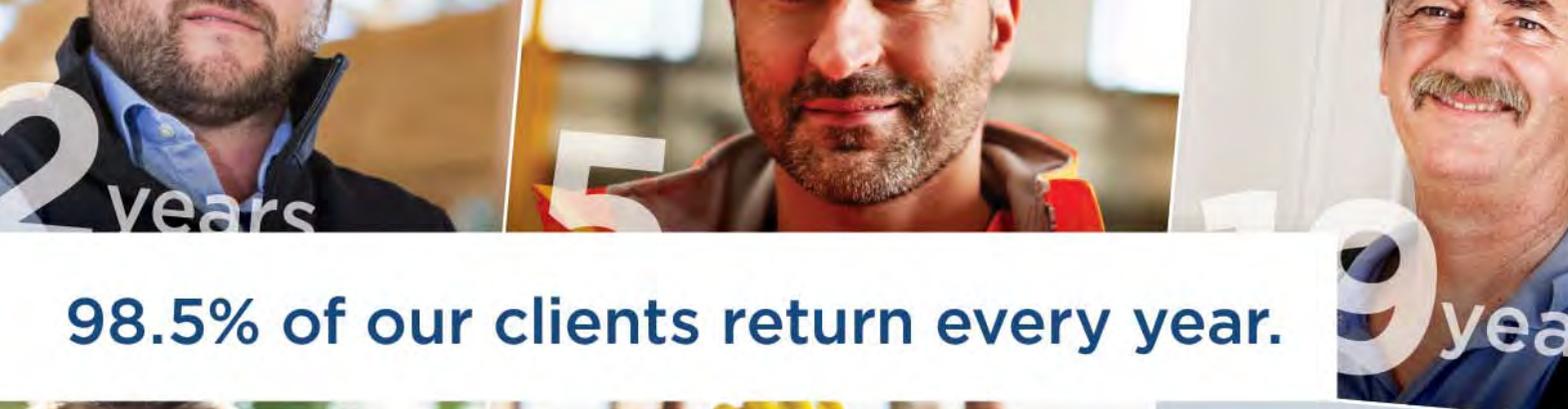
Scanlon is a well-respected industry leader who has served in a variety of industry leadership positions, both locally and nationally, and brings a strong client roster, talented team of engineers, and impeccable professional reputation to the BCER team. She will now serve as associate principal and head of BCER's electrical engineering team. SSG MEP employees will join the BCER

team at the company's Arvada headquarters and will operate under the BCER name beginning August 31.

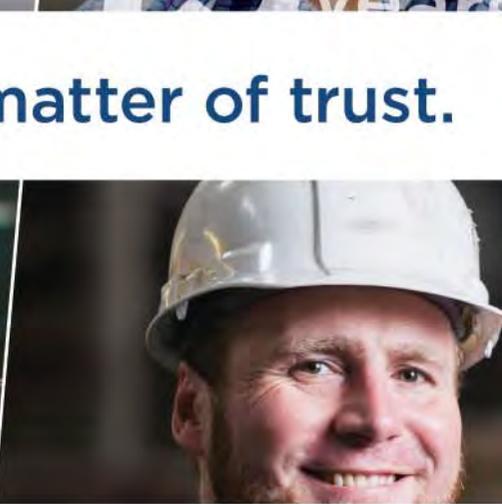
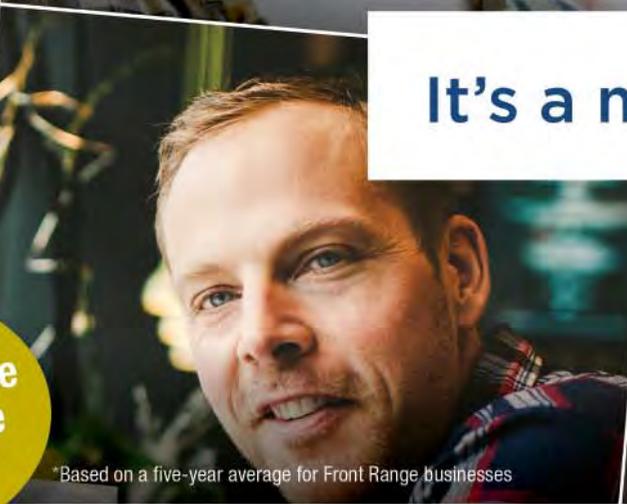
Over the past 23 years, BCER has provided high-quality engineering, technology, and life safety services for built environments across the Rocky Mountain Region and nationwide, while forging committed relationships with clients and colleagues. BCER continues to grow and broaden the company's services through strategic acquisitions, and through hiring a strong staff that brings diverse perspectives to the company and project solutions. Together, BCER and SSG employ more than 100 people and serve more than 500 clients.

Basalite Building Products, LLC Acquires Borgert Products

Basalite Building Products, LLC is pleased to announce the acquisition of the Borgert Products Colorado Operation and is now the master distributor of Borgert pavers and walls in the Colorado, Idaho and Wyoming locations. Borgert is a manufacturer of premium concrete products which include smooth, tumbled and permeable pavers. Some of the specifics that separate Borgert from other manufacturers include: granite aggregate in all of our production (class A aggregate) and an average psi of 10,000 – 12,000 per stone.



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MEP Engineering to Provide Mechanical, electrical and Plumbing Design Services for Crossroads Community Church Expansion

Engineering (MEP) has been selected to provide mechanical, electrical and plumbing design services for the expansion of the Crossroads Community Church in Parker, CO, on behalf of Intergroup Architects. The project is a two-story, 18,680 square foot expansion, and will include the addition of an auditorium, a worship space, a multipurpose room, a welcome area, restrooms, a reception area, conference room and a new entrance.

MEP Engineering has worked with the Crossroads Community Church community since they first moved into their facility. Starting in 2011, MEP provided design services for the renovation of an old car dealership for this congregation working through three separate phases of design and construction as the church community grew.

Three Denver Breweries on Tap to Brew Colorado's First Beer from Recycled Water

Industry-leader in water reuse, CH2M, delivers another solution for Coloradans to become more sustainable.

Colorado-based engineering firm CH2M is changing the way we think about water. On Thurs., Sept. 14, direct potable reuse (DPR) purified water will be delivered to three breweries earmarked to become Colorado's first to produce craft beer from recycled water. CH2M is spearheading the effort to drive sustainable water reuse technology and to build public acceptance of recycled water.

Metro-Denver brewing companies Lone Tree Brewing Company, Lost Highway Brewing Company and 105 West Brewing Company, will receive 330 gallons of direct potable reuse water produced by a mobile advanced water treatment plant in part designed by CH2M in conjunction with Pima County, Arizona, and other participating entities. Pima County Regional Wastewater Reclamation Department, will be driving the mobile plant to Denver for a special viewing at CH2M's global headquarters.

Denver Housing Authority Launches 100% Low Income Community Solar Garden

The Denver Housing Authority of the City and County of Denver (DHA) will soon launch its new Community Solar Program, making it the first Housing Authority in the country to develop, own and operate its own community solar garden. The program is the latest addition to DHA's award-winning "Living Green" initiative which has, through concentrated green building design and construction, established DHA as a national energy conservation and renewable energy industry leader.

The Community Solar Program allows other Denver metro housing authorities and affordable housing providers to participate, expecting to provide 20% average energy savings to subscribers and offset over 54,000 tons of CO2 emissions.

Skyline Architectural has Launched!

Independently owned and operated by Gary Krumland, Skyline Architectural is committed to representing the highest quality products and providing superior client care. Gary has been in the Denver Metro area since 1991 and is proud to continue servicing the architectural and construction community. Skyline Architectural has partnered with the following companies representing the following products: CEI Composite Materials – ACM (Aluminum Composite Material) Panels; ATAS International – Single Skin and Insulated Metal Panels; FunderMax – Phenolic Panels (HPL – High Pressure Laminate)

Please contact Skyline Architectural at 720-302-3056 or gkrumland@skylinearchitectural.com

EKS&H LLLP and Beeble Company Announce Teaming Relationship

EKS&H LLLP (EKS&H), an audit, tax, and consulting firm that provides accounting and advisory services to the construction industry through its construction industry group EKS&H Construction Advisors, and Beeble Company LLC (Beeble Co.), a construction consulting and advisory firm led by John Beeble, have announced the forging of an exclusive strategic alliance in an effort to maximize their resources and further meet the specific needs of construction-related clients.



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Gallegos Earns Colorado's First Dual MIA Accreditation

The Marble Institute of America (MIA) recently announced that the Gallegos Corporation has attained the pinnacle of success after receiving the MIA Accredited Commercial A Contractor and MIA Accredited Natural Stone Fabricator certifications. Accredited Commercial A companies are firms that handle large scale commercial stone installations including government buildings and high-rise interior/exterior cladding. Accredited Natural Stone Fabricators are companies that also work on residential projects, signifying that The Gallegos Corporation is an industry leader for commercial and residential projects.

To become an Accredited Commercial A Contractor by the MIA+BSI, a company must have successfully completed three phases of a rigorous application process indicating a best in class knowledge, compliance and application for contractors. Earning both Accreditations is very important to The Gallegos Corporation as it demonstrates to their clients the ability to provide value in all aspects of a construction project; from the planning phases through completion. The Gallegos Corporation knows what is required to design, engineer, and safely construct a project of any magnitude.

EPA Awards Two \$100k Contracts for Innovative Environmental Technology

These companies are receiving Phase I contracts from EPA's Small Business Innovation Research (SBIR) program, which awards contracts annually through a two-phase competition. Companies compete for a Phase I award of \$100,000 by submitting research that addresses key environmental issues. After receiving a Phase I award, companies are eligible to compete for a Phase II award of \$300,000 to further develop and commercialize the technology.

The Colorado company, **TDA Research, Inc.**, of Wheat Ridge is awarded funding for an innovative water desalination system for small communities. In many parts of the country groundwater withdrawals exceed what is put back into the ground, causing groundwater-level declines, reductions to the volume of groundwater in storage, and lower stream flows and lake levels. "Development of brackish groundwater and seawater as alternative water sources can help

2017 will mark 50 years for ISEC, Inc., an employee owned nationwide interior finish subcontractor. Founded in 1967 as a school equipment installation company, initially focusing on marker boards and other specialty items in the Colorado Front Range. In the past 50 years ISEC has expanded to become a leading prime trades contractor providing architectural woodwork, ornamental metals and laboratory casework to the construction industry. Throughout the years ISEC has dedicated themselves to excellence by focusing relentlessly on their five core values: Commitment to Customer, Integrity, Respect, Safety and Teamwork. The backbone of ISEC has always been, and will continue to be, their employees who uphold the company values in the office and on every jobsite daily. ISEC will continue their dedication to excellence for the next 50 years and beyond.

ISEC has grown to be a top specialty subcontractor with annual revenues of over \$300 million and 1,200 employees nationwide. Corporate headquarters is located in Denver, CO with regional offices in the Los Angeles, San Francisco, San Diego, Seattle, Washington D.C., Houston, San Antonio, Tampa, and Phoenix areas. Visit ISEC's website at www.isecinc.com. For more information please call Stephanie Godwin at 303.952.3972 or email at SPGodwin@isecinc.com.

address concerns about the future availability of potable water," said Girish Srinivas, TDA Partner and Vice president.

Reactive Innovations, based in Steamboat Springs, Colorado was also awarded \$100,000 to develop an inexpensive hand-held monitor for measuring fugitive methane emissions. Methane is the second most prevalent greenhouse gas emitted after carbon dioxide, however, on a pound-to-pound comparison methane has a 25 times greater impact on climate change than carbon dioxide over a 100-year period.

EPA's SBIR funding boosts local economies by creating jobs and promoting collaborations among small businesses through product testing and research. This funding also supports technologies aimed at creating cleaner manufacturing materials and better infrastructure in communities.



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Project *Updates*

City of Louisville and Foundry Builders Open South Street Gateway, Connecting Historic Downtown Louisville to Downtown East Louisville (DELO)

The City of Louisville and Foundry Builders, a Colorado-based vertically integrated real estate company that creates quality, community-focused developments from the ground up, announced the opening of the new South Street Gateway at the South Street Plaza, near the intersection of South Street and Front Street, in Downtown Louisville.

This new pedestrian connection underneath the BNSF Railway tracks connects Historic Downtown Louisville with Downtown East Louisville (DELO), a new 12.72-acre mixed-use community – formerly an abandoned concrete batch plant – developed by Foundry Builders.

The South Street Gateway is the first major public improvement project in Downtown Louisville in a

century, made possible by a public/private partnership with Foundry Builders and the Louisville Revitalization Commission, the urban renewal authority within the City of Louisville.

Foundry Builders is working closely with the City of Louisville on multiple public infrastructure projects within the DELO development, including multimodal connectivity and increased walkability with a Dutch-inspired ‘woonerf’ and curbsless streets. The development includes 163 apartments, 30,000 square feet of Class A office, retail and restaurant space, 60 townhomes built by Boulder Creek Neighborhoods, and eight live/work units. The area also includes DELO Plaza with 14,000 square feet of additional retail space and 8,000 square feet of stand alone drive-through parcel lots.

Howell Construction Completes Denver Health & Hospital Authority's Pavilion M - ACUTE Center for Eating Disorders

Howell Construction recently completed the first phase of a two-phase renovation for Denver Health's Pavilion M ACUTE Center for Eating Disorders, which first opened in 2008, becoming the only medical inpatient eating disorder treatment program in the country. Howell has been doing business with Denver Health for the last six years and has developed a close relationship with their construction department, gaining a full understanding of Denver Health's standard processes, procedures, and expectations. Howell's extensive experience working in Denver Health's occupied facilities set this project up for

success, as they were faced with the challenge of constructing directly over an outpatient surgery center and below an active inpatient adolescent psychiatric unit.

This project includes the renovation of approximately 23,000 square-feet, consisting of 30 Patient Rooms, Nurse Stations, Nourishment Center, Waiting Room, Equipment/Supply Rooms, and Mechanical/Electrical Rooms. Phase 2 of this renovation began in mid-June and is scheduled for completion in November 2017.

Ware Malcomb Announces Construction is Complete on Stanley Marketplace in Aurora

Ware Malcomb, an award-winning international design firm, today announced construction is complete on Stanley Marketplace located at 2501 Dallas Street in Aurora, Colo. Ware Malcomb provided civil engineering services for the project.

The project features the adaptive reuse of an existing ejection seat factory and airport hangar that was

transformed into a modern marketplace with over 50 retail spaces. The resulting collection of 50+ independently-owned Colorado businesses offers the community a place to eat, drink, shop, exercise, work, play, and more. In repurposing the site, the development employed a low-impact design and reused materials wherever possible.

Confluence Companies and Palisade Partners The Lydia Apartments in Five Points Top Off



Confluence Companies and Palisade Partners are pleased to announce the topping-off of The Lydian, an eight-story mixed-use development at 26th and Welton, in downtown Denver's historic Five Points neighborhood at 2560 Welton Street.

The project, valued at \$50 million, includes 129 apartment residences (with 22 of the units being affordable at 60% AMI), 15,000 square feet of office space and 9,000 square feet of ground floor retail space. It is scheduled for completion in the spring of 2018. Colorado-based Confluence Companies is co-developing The Lydian with Palisade Partners. The architect is Craine Architecture.

The building will include a two-story lobby with an open marketplace for shopping, a pool and pool deck on the third floor, a fitness room, and a conference room. The apartments will range in size from studios to one and two bedrooms. Ten penthouse units will also be available on the top two floors.

Bryan Construction Breaks Ground On Academy District 20 Middle School

Chinook Trail Middle School will be located on the same campus as Chinook Trail Elementary, which was built in 2007, and will serve as the district's ninth middle school.

The 125,000-square-foot campus, designed by MOA Architecture and RTA Architecture, is being constructed to educate 1,000 students using high performance classrooms as well as athletic facilities including tennis, football, and softball. The award also includes the expansion of Chinook Trail Elementary's cafeteria to accommodate 1,600 students and an expansion of the warming kitchen into a full prep kitchen.

The new school will incorporate sustainability and energy efficiency design and construction standards to ensure a healthy learning environment for the students, as well as to ensure long term energy savings.

In addition to the design, Bryan Construction's logistics plan addresses student safety, separation of construction zones from active school zones, phased construction, summer construction activities, in-session construction activities, temporary replacement of facilities, temporary utilities, and contractor access.

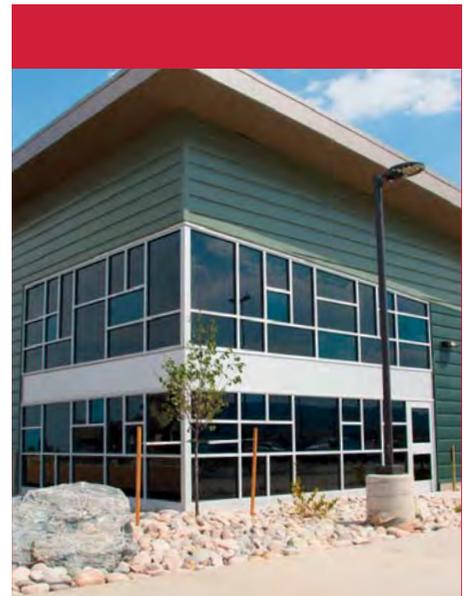
Physical construction is expected to begin around February 2018 and will wrap up in time for the 2019 -2020 school year.



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Project *Updates*

White Construction Group Completes Major Renovations to the South Suburban Golf Course Clubhouse



White Construction Group, a Colorado-based commercial general construction firm, recently completed the 7,772-sq-ft clubhouse renovation, a new 4,500-sq-ft cart barn and site work at the South Suburban Golf Course.

The clubhouse originally opened in 1973 with an addition completed in 1983 followed by another addition and remodel in 1989. Teaming with Barker Rinker Seacat, the \$3.5 million project included a total remodel along with a new layout for the restaurant, bar and patio offering an impressive view of the golf course and mountains. The new

expanded Pro Shop now welcomes visitors as they enter the clubhouse. Golfers and staff will enjoy the new 4,500-sq-ft energy efficient cart barn and improved cart paths and pedestrian walkways providing an easier traffic flow for all.

In performing the South Suburban Golf Clubhouse remodel, one of White Construction Group's priorities was minimizing impact to operations. This was achieved by routing golfers around the project and close coordination with the staff. In order to keep the Pro Shop operational, a temp trailer was added during construction.

Haselden Construction & Colorado State University Break Ground on New Health Education Outreach Center

Haselden's third project on CSU's Science Quad in as many years, the groundbreaking for the Health Education Outreach Center (HEOC) was a much anticipated event.

Designed by Hord | Coplan | Macht and scheduled for completion at the end of 2018, the HEOC will house both a human gross anatomy lab and neuroanatomy lab, as well as virtual and augmented reality

facilities and space for outreach and continuing education. Moving the human anatomy lab to the new building means freeing up its existing locale for use by the university's Doctor of Veterinary Medicine students, a welcome increase in space for them. The new lab designs defy traditional anatomy lab layouts with large windows and an abundance of natural light, creating an inviting atmosphere.

The MILL National Training Center Buzzes with Activity

The MILL National Training Center opened this month in a 46,600-square-foot factory renovated by RTA Architects near the Colorado Springs Airport. This first-of-its-kind training center is preparing high school students, college students, active military, and Wounded Warriors for lucrative careers in the skilled trades. There are also programs for industrial arts teachers and administrators to bring professional, industry-oriented programs to their classrooms and for those already in the industry to further their skills. Located near Shriver Air Force Base, the MILL (Manufacturing Industry Learning Lab), is the result of the unique collaboration among the Peyton and Widefield R-3 school districts, private funding, and industry collaboration and donations.

Tennyson Street's Colewood Apartments

A project burdened with numerous obstacles and challenges, Colewood Apartments has nonetheless progressed successfully these past summer months, due to the outstanding strength and determination of the project team.

These luxury apartments will feature 49 one and two bedroom units, as well as a community room and two levels of below-grade parking. With nearly 100% of the property area filled, the site is a true "zero lot line" project. Colewood Apartments is being developed by Riverpoint Partners, with design and planning by Craine Architecture. Alliance Construction Solutions is the contractor for the project. The project is expected to be completed this October.

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Project *Updates*

Bryan Construction Celebrates Topping Out St. Thomas More Rehabilitation Building in Canon City

Bryan Construction, Inc. celebrated a key project milestone during a September 26 topping-out ceremony. This traditional construction event takes place as the final piece of structural steel is hoisted onto the building to signify that the structure has reached its maximum height.

Located adjacent to the main St. Thomas Hospital building, the two-story 30,000-square-foot addition includes the construction

of examination rooms, treatment rooms, radiology services, reception areas, and a café. It is planned to accommodate several health practices including Orthopedic Medicine, Obstetrics and Gynecology, as well as Family and Pediatric Primary Care services.

Bryan Construction, Inc. was selected as the General Contractor to work alongside owner Boldt, Inc and RTA Architects to construct this state-of-the-art facility for Centura to

provide better medical service to the Canon City area. Bryan Construction, Boldt and Centura Health have completed several medical facilities together, including the recent Broadmoor Medical Office Building in Colorado Springs.

Construction on the St. Thomas More addition began in late April of 2017 and is expected to be completed in February 2018.

Pinkard Construction Underway on Lowry Apartments at Boulevard One



Pinkard Construction Company is currently underway on the 68,217 square foot Lowry Apartments, a four-story wood-framed mixed-income development at Lowry's Boulevard One community. The 72-unit facility, which includes 20 units for the homeless, will provide 41 one-bedroom units, 23 two-bedroom units, and eight three-bedroom units. It will feature ground floor community space, business offices, surface parking, and a roof top solar array.

The development will provide permanent affordable housing opportunities to families earning approximately 30-60% of the average median income and will include subsidies for transitional residents moving out of homelessness.

Construction on the football-field-sized site began July 11, and is expected to be completed in July 2018. Foundations and utilities are currently near completion, with vertical construction set to begin by the end of September.

Denver Housing Authority, in partnership with Volunteers of America, has formed the Lowry Affordable Housing Partners to develop and manage this new property. Parikh Stevens Architects is the architect of record for Lowry Apartments.

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Photo: Sam Adams / Tryba Architects



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Project *Updates*

AP Breaks Ground on Apex's Fitzmorris Park Center & Pool and Secrest Recreation Center

Adolfson & Peterson Construction broke ground on the Apex Fitzmorris Park Center & Pool and Secrest Recreation Center projects respectively. Both ceremonies marked the careful collaboration and hard work of three community partners: Apex Park and Recreation District, the City of Arvada and Jeffco Public Schools.

In attendance at both events were members of Apex Park & Recreation District, Barker Rinker Seacat Architecture, Jeffco Public Schools and the City of Arvada, including Mayor Marc Williams.

Two neighborhood recreation centers will be built simultaneously. The 8,500-sf Fitzmorris project includes a six-lane pool and a small weight room and community/aerobics area.

The 21,521-sf Seacrest project requires phased construction to leave the current pool and teen center open onsite until the facility is finished. The completed facility will include a small weight room, community/aerobics area, teen center, a small gym, locker rooms and a therapy pool. The existing swimming pool and inline hockey rink will remain.

Denver Public Schools Selects MEP Engineering

MEP Engineering (MEP) has been selected to provide mechanical, electrical and plumbing design services for three Denver Public Schools: Smedley Elementary School, Fairview High School and Jefferson High School.

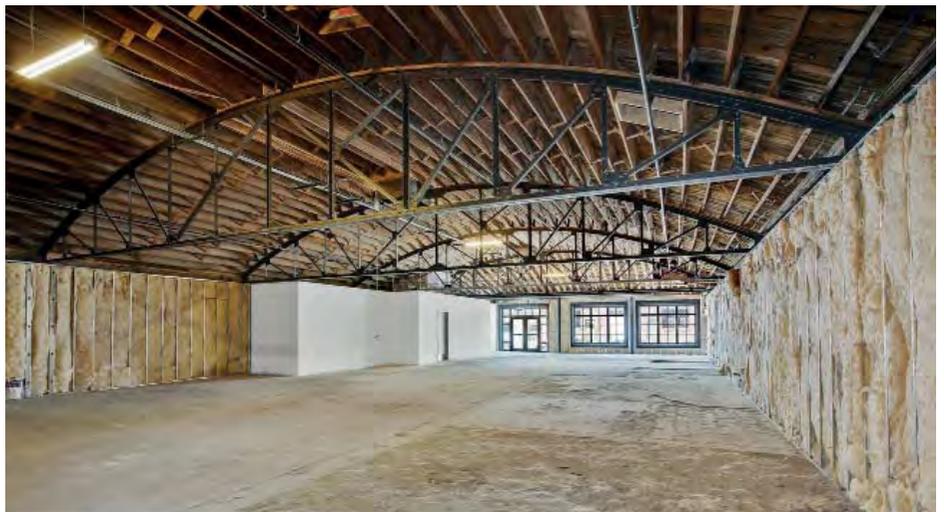
The work is being completed on behalf of the Denver Public Schools, and will include replacing the hot water tank and domestic water piping system at Smedley Elementary, placing new steam and condensate lines throughout Fairview High School and running new hot water supply and return lines throughout Jefferson High school.

\$7.4 Million in Renovations to the Historic Gold Star Sausage Co. Factory

Reviving a dormant industrial space in the heart of Denver's emerging River North (RiNo) district, San Diego-based Pathfinder Partners, LLC has partnered with Denver-based Winfield Partners, LLC to complete \$7.4 million in renovations to the historic Gold Star Sausage Co. factory, located at 28th and Walnut Streets.

According to Lorne Polger, senior managing director of Pathfinder Partners, his firm acquired the property – comprised of five connected buildings spanning 48,000 square feet – in October 2015, and renovations transforming the site into creative office and retail space were completed last month.

With a colorful history, the property was built in 1937 and originally operated as The Puritan Pie Co. Gold Star, the Colorado-based sausage company, took over the facility in



1940 and was fully operational there until 2015.

Designed by Colorado-based OZ Architecture, the adaptive reuse project now contains unique architectural features including a rugged brick façade accented by expansive steel-framed windows, sky-lit bow-truss roof systems, which

have been soda blasted to restore the original appearance, and soaring 18- to 25-foot ceilings. A large, exterior loading dock has been repurposed to serve as an outdoor plaza area with seating and elevated sidewalks.

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Ben Bridgewater Promoted to D.L. Adams Associate Vice President



Ben Bridgewater has recently been named Vice President of D.L. Adams Associates (DLAA), and will serve as an Associate Principal of the firm. Ben joined the company in 2013, bringing over 15 years of experience in the audio-video (AV) field to DLAA. Ben received a Master's Degree in Architecture with an emphasis on Architectural Acoustics from

the University of Kansas. His master's thesis received a Newman Medal for Excellence in the study of architectural acoustics. Ben is active in the Acoustical Society of America and has presented papers on topics ranging from small room acoustics to loudspeaker aesthetics and auralizations.

Hord Coplan Macht Expands Healthcare Practice with Addition of Mary Morissette



Hord Coplan Macht recently announced that it is expanding its healthcare practice to its Denver location. **Mary Morissette**, FAIA, LEED AP, has joined the firm as principal and is responsible for growth of the firm's healthcare studio in Colorado and the Rocky Mountain region.

Morissette brings over 20 years of experience to the firm. Her expertise in Denver-area healthcare, which includes work at the University of Colorado Denver Anschutz Medical Campus, the Denver Health Medical Center, Kaiser Permanente, and Aspen Valley Hospital, will help establish Hord Coplan Macht as a national leader in healthcare design.

She was awarded a Bachelor of Architecture from Virginia Tech and is licensed in Colorado and Virginia.

Prior to joining Hord Coplan Macht, Mary was a principal and vice president at Page Southerland Page.

Member Hires Ashley Trunnell, AIA, Project Manager



Member is pleased to announce the expansion of our staff with the hiring of **Ashley Trunnell**, Project Manager.

Ashley holds a Master of Architecture degree from the University of Kansas and is a licensed architect in the state of Colorado. She has been a design team member on AIA award-winning work, including a public library project that was awarded an AIA / ALA Library Building Award in 2016.

RTA Architects Congratulates Eric Ward on ARE, Welcomes New Team Member



RTA Architects is pleased to announce that **Eric Ward**, AIA, recently passed all seven divisions of the Architect Registration Examination (ARE) and has earned the title of Architect. Eric joined RTA after receiving his Master of Architecture degree from Kansas State University. Eric is a key part of RTA's healthcare team, and his

leadership abilities, technical knowledge, problem-solving skills, and production abilities make him an integral part of every project he works on.



RTA also welcomes Interior Designer **Ann Marie Jackson**. Ann Marie graduated with her Bachelor of Arts for Interior Design from Bowling Green State University, where she quickly found her passion in school design. Her 25 years of design experience also spans medical office buildings, universities, public libraries, multi-family housing, and churches.

We extend our congratulations to Eric and Ann Marie and look forward to their continuing contributions to the RTA team.

MEP Engineering announces the promotion of Mardi Jones to the Senior Operations Team



MEP Engineering is pleased to announce the promotion of **Mardi Jones** to the firm's Senior Operations Team and the position of Senior Electrical Engineer.

As a member of the senior operations team, she will be responsible for the management of project teams and overall project workload. In conjunction with the Quality Control department, she also performs quality control checks, reviews code studies, reviews cost estimates and assists in making system selections with project engineers to ensure a client centric approach to each project.

Mardi has over eight years of experience in the engineering field and over 11 years of experience in the Telecommunications/Information Technology industry. Mardi co-ordinates, produces and designs all electrical and lighting systems. Her skills include production of construction plans, system specifications and cost analysis while maintaining building code requirements.

Bill Gotthelf from Design Concepts Among First in Colorado to Earn SITES Professional Credential from Green Business Certification Inc.



Bill Gotthelf, Senior Project Manager at Design Concepts Community + Landscape Architects has earned the SITES Professional (SITES AP) credential through Green Building Certification Inc. (GBCI), placing him among an elite group of leading professionals who are dedicated to elevating the value of landscapes in the built environment.

The SITES AP establishes a common framework to define the profession of sustainable landscape design and development. It provides landscape professionals with the opportunity to demonstrate their knowledge, expertise and commitment to the profession. SITES APs poses the knowledge and skills necessary to support the SITES certification process, including participating in the design and development process, support and encouraging integrated design, managing the application and certification process and providing advocacy and education for the adoption of SITES.

More information on the SITES AP is available at: <http://www.sustainablesites.org/sites-ap>.



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Election Results for the 2018 AIA Colorado Board of Directors

Election Results for 2018 AIA Colorado Board of Directors were announced last week during the annual business meeting at the Practice + Design Conference in Keystone.

What does the Board of Directors Do?

AIA Colorado is governed by a board of directors, which is responsible for connecting with members, influencing programming, driving local advocacy initiatives and helping to set annual goals for AIA Colorado. Additionally, there are four local sections—Denver, South, North and West—responsible for engaging with local members and guiding local strategy.

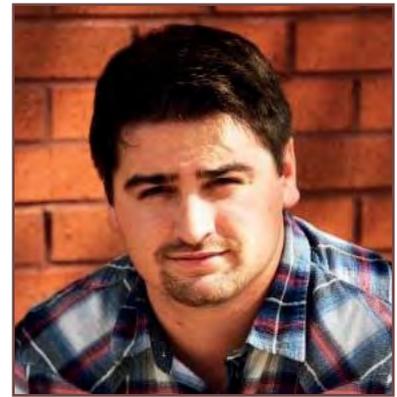
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AIA Colorado (ex-officio, non-voting)
Cathy Rosset

Bryan Construction Adds Key Leadership Roles

Bryan Construction hired **Scott Boal** as Executive Manager of its Denver Group, and **Erik Berlin** as Business Development Manager in Fort Collins.



Scott Boal has over 25 years of construction experience and brings extensive knowledge of the Denver market. He will be responsible for expanding opportunities for Bryan Construction in the Denver Metro area. Boal holds a Master's Degree in Real Estate Development and Construction Management from the University of Denver – Daniels College of Business.



Erik Berlin comes to Bryan Construction with a proven business development background and a broad range of construction experience. He is responsible for growing the company's market share in Northern Colorado. Berlin holds a Bachelor's Degree in Industrial Engineering from Kansas State University.

Page/Denver Announces New Leadership Team

Recognizing the dynamism of Denver and the Rocky Mountain region, Page made a strategic decision to invest in a significant expansion of the capabilities of its Denver office. That investment comes in the form of new leadership and broader technical capabilities. Joining the Page/Denver office are **Matt Edmonds**, **Keith Conrad**, **Jay Sabatini** and **Drew LaBarge**.

Matt Edmonds is an Associate Principal and Senior Project Architect whose experience includes the University of Colorado (UC) Boulder Laboratory for Atmospheric and Space Physics Space Technology Research, UC Colorado Springs Osborne Center for Science and Engineering, and City of Aurora Public Safety Training Center.

Senior Project Manager **Keith Conrad** has over 35 years of project delivery experience across multiple building types and market sectors.

Associate Principal and Business Development Director **Jay Sabatini**, the son of an architect, has spent his life

immersed in the design world offering over 20 years industry experience.

Senior Marketing Coordinator **Drew LaBarge** has a long history in the Denver design community.

As a further indication of the importance of the Denver office to Page, Board member and Senior Principal **Michael Mace**, who heads the Science and Technology market sector for Page nationally, is now based in Denver. Michael brings outstanding management leadership as well as extensive experience in the delivery of data centers, semiconductor and cleanroom manufacturing.



Matthew Edmonds AIA



Keith Conrad
LEED AP, NCARB



Jay Sabatini



Drew LaBarge



Michael J. Mace AIA

In an unprecedented era of natural disasters in North America from Hurricanes Harvey and Irma, to the massive flooding in Puerto Rico, to the earthquakes rocking Mexico, the AEC industry takes on the added role of the “clean up” and rebuilding crew, on top of an already growing demand for construction projects. In September 2017, the Associated General Contractors of America (AGC) reported that 30 states added construction jobs between July to August 2017, with Colorado adding 700 more jobs this month for a total of 155,900 construction jobs.

Impacts of

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resilience • time • cost

By: Julie Wanzer, LEED AP

“Firms in most states are expanding their headcount to keep pace with growing demand for many types of construction projects,” said Ken Simonson, chief economist for AGC. ***“While it is too early to tell what impacts Hurricanes Harvey and Irma will have on the sector’s workforce, there are not a lot of unemployed, experienced workers available to travel to Texas or Florida to help communities rebuild.”***

While the country struggles to rebuild its infrastructure after these natural disasters coupled with the already high demand for construction projects, the tenets of resilience, time and cost become even more critical in the construction industry. One building material that seemingly rises to the top to alleviate some of these issues is steel – a building material that is resilient, quick to market and can offer cost savings on building projects.

Resilience

According to a white paper entitled “The Impact of Material Selection on the Resilience of Buildings” by the American Institute of Steel Construction (AISC), “The material selection for a building’s structural framing system impacts the resilience of the structure by reducing the cost of the risk associated with the ability of the structure to absorb and recover from the stress of an extreme event.” Long known for its resilient qualities, structural steel proves to have demonstrated one of the highest levels of resilience when extreme events such as natural disasters occur.

The report goes on to discuss how the qualities of durability, strength, elasticity, combustibility and resistance to decomposition all play important roles when describing the resilience of structural steel.

“As cities begin their re-building efforts and look to more resilient building structures, steel is projected to rise to the top for the building material of choice,” stated Brad Lange, AISC’s Western Regional Director.



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Catalyst Digital Health - Denver

To help municipalities prevent an onslaught of building destruction after natural disasters occur, one solution lies in re-writing the building codes. **“We need code writers who can take resiliency into consideration,”** commented Mr. Lange. AISC currently serves as a resource to code writers to help build solid plans and foundations for future building projects.

Value of Time

The construction industry is no stranger to the value of time and how either the delay or expedition of one trade’s work affects the building project as a whole.

“The combination of increasingly more complex buildings, shorter construction schedules and fast-track project delivery schemes has placed more responsibility

on steel detailers and heightened the importance of their role in expediting and managing information flow,” commented Doug Rutledge, Chief Integration Office at KL&A, Inc.

Steel Project Case Study: Catalyst Digital Health

One example of the significance of time on a structural steel project can be seen in the Catalyst Digital Health project off Brighton Boulevard in Denver. Koelbel and Company is the owner of this project with The Beck Group serving as the contractor and architect. Zimkor was retained as the steel contractor for the project, purchased all materials and buyouts, fabricated the work and transported all the steel needed

to the project site. Zimkor teamed with the following Rocky Mountain Steel Construction Association (RMSCA) partners, including KL&A for the steel detailing and Engineer of Record for the project, Brown-Strauss Steel who provided all structural shafts, and SNS Ironworks to install all work.

“The structural steel frame was obviously critical path in nature; if the steel is late so will everything else be! Having worked the erect with no quality issues (e.g., nothing out of tolerance, no misfits or defects) allowed the follow-on trades to staff the project and maintain schedule,” commented Casey Brown, President of Zimkor and the RMSCA.

In addition, this project also experienced a design change from concrete cores to open/steel braced

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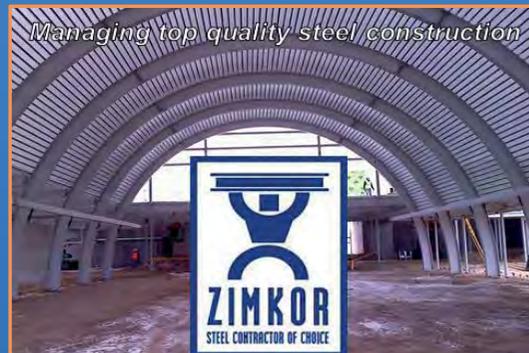
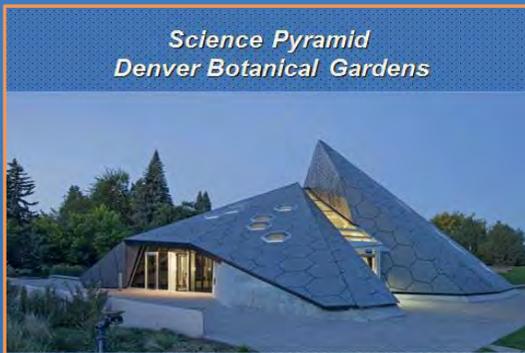
UCCS Village at Alpine Valley: RK Steel fabricated and installed all structural steel and miscellaneous metals for three residence halls and the extraordinary dining hall.



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One DTC Office Building - Denver Tech Center

cores. According to Mr. Brown, the potential cost and schedule impacts were mitigated and minimized due to the early involvement of the steel designers and fabricators. The resulting 1,000 tons and eight levels of structural steel came together on this very tight jobsite with no delays in schedule from the structural steel components.

Steel Cost Savings

The potential for cost savings on structural steel projects is also another benefit for building owners. One way these cost savings can be realized is through lower Builder's Risk and All Risk premiums in purchasing insurance for building projects. According to the AISC's white paper, "Insurance rates for wood buildings and concrete buildings are 2.3 and 1.5 times higher, respectively, than for structural steel framed buildings." The report also states that, "For a building valued at \$100 million, the savings in insurance costs over a 50-

year period would be \$6.75 million for a structural steel framed system compared to a wood framing system." The report attributes this cost savings to the resiliency of steel.

Steel Project Case Study: One DTC Office Building

One example of how cost savings can be achieved through structural steel is evident in the One DTC Office building project in the Denver Tech Center. This project, which includes One DTC West LLC as the owner, GE Johnson as the contractor, Barber Architecture as the architect and S.A. Miro as the structural engineer, contains a steel frame that tied together the critical components of the attached concrete parking structure and exterior glazing system. Drake Williams Steel was awarded the fabrication and field erection contract for the structural steel frame.

According to Scott Van Deren, Business Development Manager at Drake Williams Steel, ***"The final design and contracted steel scope was 9.4% less than the original schematic budget pricing. This was accomplished through continued trend log analysis and participation in design meetings."*** In addition, he stated, ***"Managing material price escalation resulted in no cost impact to the owner. Maintaining the steel erector partner on the project kept the coordinated team in place and critical path schedule intact."***

As the country continues to rebuild during this aftermath of natural disasters, and states like Colorado continue to experience a construction boom, building material selection will become of utmost importance. Structural steel offers owners and project teams one means of ensuring a resilient, time-saving and cost-effective building material.



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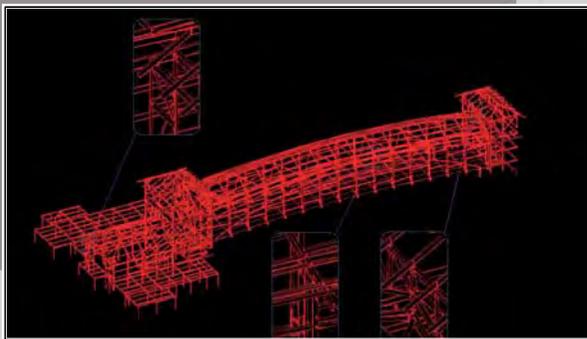
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Rocky Mountain Steel Construction Association Update

by Casey Brown, President RMSCA

On Thursday June 15th RMSCA held their 2nd Dinner meeting of 2017 at the Lakewood Country Club. Guests included Mr. Brian Hunt/Senior Project Manager and Mr. Ken Baumgartner/Director of Pre Construction-Northern Division from Haselden Construction. Ken and Brian graciously shared their thoughts on the state of construction and steel construction today Bill Zimmerman joined us for the evening as we continue to honor legacy individuals who were integral to the creation and sustainment of the association.



Photo: Casey Brown, President of RMSCA and Zimkor, Inc. welcomes Bill Zimmerman, founder of Zimmerman Metals

On Friday August 11th 105 members and guests of RMSCA flooded the Broken Tee Golf Club with colorful attire, plenty

of golf balls (and mulligans), some interesting swings and, of course, great attitudes! The annual golf event for the association was a hoot as usual; our highest number of golfers and our best fiscal outcome for the association! The outing serves as the association's strongest fund-raising effort and this year was no exception. The RMSCA continues to fund the following efforts (among others) to make steel construction a better place to work today and tomorrow:

- Annual scholarship in conjunction with AISC (our national governing body) for steel based engineering students
- Annual support for our regional educators to attend the annual AISC Steel conference
- Continued collaboration and directed efforts with SEAC (our local structural engineering association)
- Support for our regional engineering schools in the annual bridge competition
- Ongoing collaboration and engagement with the general contracting community

RMSCA wishes to thank all who made this day a great success; thanks for coming out and supporting our association. A special THANKS as well those who sponsored holes/prizes and of course all the great give-ways



The 2017 RMSCA Board of Directors (L-R); Jules VandePas, Casey Brown, Bob Dangle, Frank Rome, Bill McGlue, Justin Mitchell, Shaun Franklin and Jim Butler (not pictured; Dave Henley).

our members tend to generously bring to the table. "Hard to imagine a better time than what took place and a nice day of respite away from the challenges of steel construction." Said Casey Brown, president of RMSCA.

A very special THANKS to Searing Industries who continue to serve as the overall event sponsor.

Once again, team AZZ Galvanizing took the top team prize (I think 5 years running now?); CONGRATS to Randy Straight, Shawn McPeek, Kevin Flemming and Bill Eddy (free agent from Drake-Williams). Also special congrats to Adam Thoutt/D&E Steel who managed to win most of the hole prizes as well as the vaunted marshmallow mash.

Our great thanks go to the Broken Tee Golf Club for once again welcoming us with a terrific course/conditions, great food and of course the weather was exceptional. Sorry for the divots!

Brad Lange/AISC supplied cool golf towels for ALL...THANKS BRAD! Deb and Pete Scifo; pillars in the construction community who work tirelessly with RMSCA and always have a presence at our events... Pete and his busybusy crew have made the marshmallow drive a must see event!

Lastly; Jamie Martin....our association just wouldn't work without Jamie and her efforts as our Executive Director and the golf event is her strength. She is the primary reason why we all enjoy the event so much as well as fund the association. She makes it VERY easy on us as board members; we settle on a date and she takes over and makes this thing work, work well and a blast (the best excuse for a sun burn and a hangover we can come up with). THANK YOU JAMIE!

Our next event will be our last dinner meeting of 2017; our Annual Economic Forecast with John Cross/AISC on Thursday October 12th 530PM at the Lakewood Country Club. See you there! Please visit us at www.rmsca.org

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Colorado has long been the kind of place people love to visit. Whether for leisure, business, or necessity, the state's beautiful mountainous terrain, lush fertile valleys, and friendly, welcoming people have made colorful Colorado a classic American destination. In this edition of the Round Up, we look at some of the many hospitality sector projects currently in progress. From rejuvenating historic properties in the heart of downtown Denver to a new luxury hotel at the base of Aspen Mountain, Colorado's hospitality market remains strong. We join the many builders, designers, and developers who strive to make every moment of the guest experience magical in celebrating our state as a great place to be.



The Jacquard - Credit: GKKworks



Sean O'Keefe, author of the "Round Up" and a regular contributor to CCD Magazine has more than 16 years of experience writing about the design and construction industry. He provides integration communications services to architects, engineers, and contractors ranging from public relations to marketing strategy. He can be reached at sean@sokpr.com

ALLEY

Round Up

By Sean O'Keefe

Making a Run for the Roses

Run for the Roses is taking shape as owner Steven Waters takes over rehabilitated commercial space in the recently completed LoDo mixed-use property, The Dairy Block. At 1,700 SF, Run for the Roses will offer an intimate lounge dedicated to craft-cocktails, with a speakeasy vibe and a back room poker den to boot. Located on the lower level off an alley entrance, the bar's décor shares a history of gambling and off-track betting as a thematic inspiration. The libations will be modern takes on all time classics like the Old Fashioned and the Sidecar. The bar's singular attraction, is the poker lounge, tucked behind a large vault door, a remnant from

the Dairy building's past. The poker room will be available for private events and boast rentable safety deposit boxes, just in case.

Run for the Roses is being built out by Spectrum General Contractors and was designed by Gensler. While the overall Dairy Block is still leasing to a curated collection of artisanal boutiques, craftsmen, and makers, the new bar expects to start serving drinks in December 2017, just in time for the holidays.

The Jacquard Targets Early 2018 Opening in Cherry Creek North

Vibrant, walkable, and finely developed, Cherry Creek North adds to a collection of recent hotel properties with The Jacquard, a sleek new intervention at 2nd Avenue and Milwaukee Street. Eight stories, 201 rooms and the Marriott flag preview the project, which is being developed by Denver-based **Stonebridge Companies**. **GKKworks** leading design and **Turner Construction** is executing the delivery.

patio featuring a 75-foot lap pool, a full bar, and lounge with city, street, and mountain views. A grand stair case in the open lobby connects to 6,900 SF of meeting space on level two. The design reflects the neighborhood's modern urban sophistication. Level one is transparent to the street. Levels two offers an outdoor overlook. Above guest rooms stack quietly to the roof deck on three through eight.

As part of Marriott International's curated portfolio of Autograph Collection Hotels, The Jacquard aspires to exude style while providing personalized service. The centerpiece of the hotel will be the expansive rooftop

Construction broke ground in the spring of 2016 and the Jacquard expects to welcome visitors and neighbors in early 2018.

Gaylord Rockies Resort & Convention Center On Track for 2018 Opening

Credit: Mortenson

A new large-scale convention hotel and resort is marching toward completion east of Pena Boulevard along Tower Road between Denver International Airport and the Green Valley Ranch community. When complete in late 2018, Gaylord Rockies Resort & Convention Center will offer 1,501 new guest rooms adjoined by 485,000 SF of convention center space along with a water park on an 85-acre site. Part of the Marriott portfolio,



Gaylord Rockies will be Colorado's largest combined hotel and convention center and also one of the largest non-casino hotels in the U.S. The resort's expansive indoor/outdoor water park will include multiple pools and water slides, lazy river, family lagoon, private cabanas, and a Colorado 'hot springs' experience.

A joint venture between **Mortenson/WELBRO** leads general contracting services on the project, which is expected to draw some 450,000 new visitors annually

and contribute some \$273 million in new money to the state's economy. The developer is **RIDA Development Corporation** and design services were led by **HKS Architects**. This multi-dimensional resort will also feature a collection of restaurants, retail spaces, and a luxurious spa and salon. During construction, the project is expected to account for approximately 10,000 construction jobs and an estimated 1,500 permanent service jobs when the resort is complete.

The Source Hotel, A New Destination Along Brighton Boulevard

Credit: Alliance Construction Solutions

Construction progress on The Source Hotel passed a significant milestone in August of 2017 when **Alliance Construction Solutions** placed the new hotel's highest beam in a topping-out ceremony. Located in the River North District (RiNo) between the Ball Park neighborhood and the Denver Coliseum / National Western Complex, The Source will be the RiNo's first hotel property. The Source is the brain-child of Zeppelin Development, which has led several new developments along the Brighton Boulevard spine including Taxi and Source Marketplace, an eclectic collection of vendors of artisanal foodstuffs and craft beverages set in an 1880's iron foundry.



Zeppelin Development worked with a dual-firm architectural team composed of **gkkworks** and **Dyna Architects** to produce plans for the eight-story, 100-key boutique hotel. In addition to all that the neighborhood has to offer, The Source will feature three restaurants, a New Belgium Brewery, pool, spa and fitness facilities, banquet space, and guest access to a tranquil outdoor courtyard in a rain garden theme. Guestrooms will include high-ceilings, comfy bedding, and minibars

stocked with Marketplace products. Expansive windows and operable glass roll-up garage doors will flood rooms with natural light washing over custom Baltic Birch casework. The hotel will also add four boutique retail spaces to the dozen-plus vendors at the Source Marketplace. Guests and visitors will enjoy fantastic views of the downtown skyline and the Front Range from the pool, spa and guest rooms in a hip, urban revitalized neighborhood that is close to much of Denver's central core.



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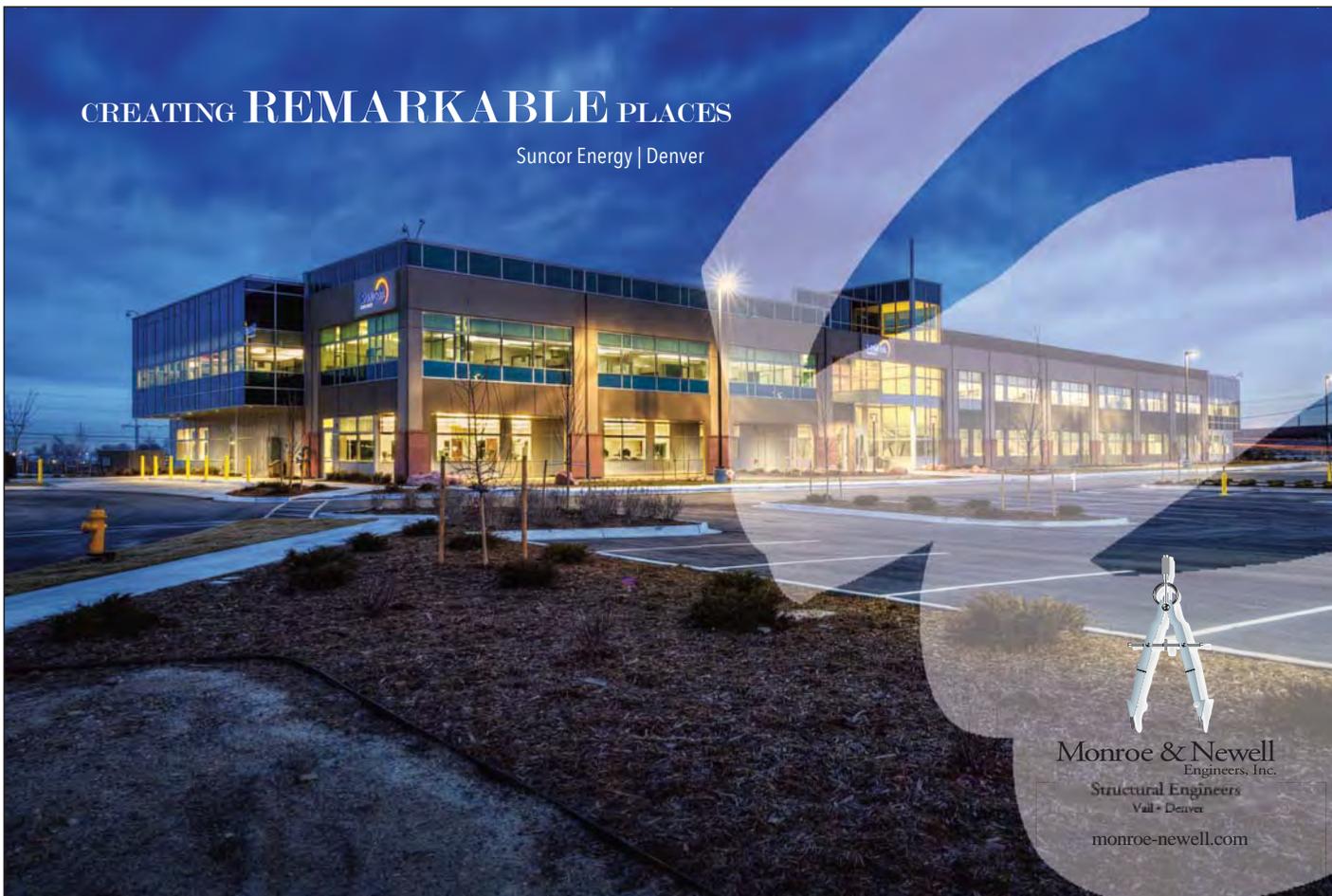


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Magnolia Denver Undergoes Upgrades

Credit: OZ Architecture

The charms of an age gone by are being rekindled at the Magnolia, a well-known downtown Denver hotel located at 17th and Stout streets. The building was originally home to the First National Bank of Colorado, built in 1911 and designed by Denver architect Harry Edbrooke. At the time of construction, the 13-story building adorned with ornate terra cotta exterior details rose upward as one of Denver's first skyscrapers. The hotel is now under the ownership of Stout Street Hospitality, a family-owned company that has created the Magnolia brand through the Denver property, two Dallas locations, and similar properties in Houston, Omaha, and St. Louis.



The current renovation project kicked off in May of 2017 and is wrapping up for the fall of 2017 with **OZ Architecture** leading design services and **Hyder Construction** taking the lead role in construction. The design reimagines the guest's arrival experience by concentrating on the hotel's main lobby, the courtyard

and entry canopy, and the property's street-side activator, Harry's Bar. Building on the momentum of a previously completed guest-room upgrade project, the current effort adds to a natural earth tone pallet made up of rich greens complimented by accents in brass. The removal of a wall dividing the bar and lobby area opens both spaces to increased natural daylight and free-flowing circulation. Deep wood tones, and ornamental metal treatments, such as the accent wall composed of reused bank deposit boxes, recall more than a century of heritage in downtown Denver.

The Elizabeth Hotel to Enhance Firehouse Alley in Fort Collins

Plans are underway for a vibrant new mixed-use, community activator in Old Town Fort Collins that will feature the 164-key Elizabeth Hotel. Both The Elizabeth and an adjacent mixed-use development known as Firehouse Alley, are being developed by **McWhinney**, a national real estate development company based in Colorado, and **Sage Hospitality**, also of Colorado. As part of Marriott's Autograph Collection, The Elizabeth will present a modern design sensibility blending classic-Colorado red brick with interlocking zinc panels at street level café, 2nd-floor fitness, 5th-floor guest rooms, and the rooftop bar. A decorative application of Parasoleil aluminum screening adds a deft touch of elegance to the exterior. The design and construction team included **4240 Architecture**, **Hensel Phelps** leading construction, and **DLR Group** providing interior design services for the hotel's public spaces, rooftop lounge, and guest rooms.



Credit: 4240 Architecture

and innovation. Significant project investments have been made in commissioning local artists to develop signature works for the property. Included among them, *The Picnic*, a piece by Colorado artist Kevin Sloan will feature lyrics from Colorado's state song, and a Big Horn Sheep peeking out at visitors from behind the reception desk.

At 116,000 square feet, Firehouse Alley will include a restaurant, structured-parking, and retail boutiques. 3,850 SF of retail will face the alley adding to the area's vibrant pedestrian-friendly scene. The Elizabeth and Firehouse Alley anticipate receiving their first guests in November of 2018.

The development team took a decided interest in embracing Colorado's place on the frontier, a mix of many personalities interconnected by commerce



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The Ramble Hotel to Join RiNO Revitalization Early 2018

Credit: JOHNSON NATHAN STROHE

The River North District (RiNO) readies to welcome The Ramble Hotel, a well-dressed new construction project amalgamated to RiNO's unique blend of urban grit and industrial revival. The exterior presents a highly detailed brick façade above a steel storefront building base imparting a sense of permanence though new. An abundance of factory-pane glazing taps a steady rhythm across the red-orange brick, reminiscing about the neighborhood's warehouse past. Among amenities, The Ramble will feature the first ever off-shoot location of acclaimed New York cocktail institution Death & Company, along with an intimate theater and event bar, a courtyard, and a new restaurant. The interior takes old world inspiration from 17th Century Parisian salons, where community leaders and thinkers gathered to compel important social, cultural, and economic change. Public and amenity spaces are all designed to foster meaningful interaction among guests.



by **Gravitas Development Group** with architecture services led by **JOHNSON NATHAN STROHE**. Sprung Construction taking responsibility for construction. Los Angeles-based Avenue Interior Design (Avenue ID) is directing the interior design concept, including execution of all public spaces and guestrooms at the hotel. Interior treatments will integrate contextually industrial and eclectic "found" elements with respect to the property's surroundings with soft, luxurious fabrics that highlight patterns and texture.

With a planned opening in March 2018, the 50-key hotel with two-levels of integrated parking is being developed

Millennial-Focused Moxy by Marriott Coming to Cherry Creek

Credit: JOHNSON NATHAN STROHE



BMC Investments is developing the project with **GE Johnson** leading construction services. After some 16 months of construction, The Moxy is expected to start welcoming guests late fall 2017.

Targeting a niche traveler, Moxy by Marriott is opening a new Cherry Creek location that presents as a boutique hotel with the social heart of a hostel. Promoting a free-spirited, social-centric experience, the design by **JOHNSON NATHAN STROHE** caters to the Millennial business traveler. Smallish 180-SF guest rooms encourage guests to explore public spaces, and Cherry Creek North, one of Denver's most walkable districts. Roughly 6,000 SF of indoor/outdoor first- and second-floor lounge and courtyard spaces are dedicated to socialization, featuring both an indoor bar and outdoor beer garden. The Moxy's calling card will be an affordable price point in one of Denver's most desirable neighborhoods. Add to the experience connoisseur-level concierge services to provide each traveler with unique knowledge about where to find whatever they are looking for locally.

Colorado

CONSTRUCTION & Design

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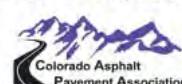
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Historic Hose House No. 1 to Highlight Boutique Hotel

Credit: JOHNSON NATHAN STROHE

A new Hilton Garden Inn is coming to Downtown Denver's booming Union Station district. The developer, Focus Property Group, and general contractor, **Alliance Construction Solutions**, expect to complete construction and open the doors in the first quarter of 2019. Located at 20th and Chestnut streets, the 12-story 233-key hotel was designed by **JOHNSON NATHAN STROHE**.



This boutique-like hotel will distinguish itself by incorporating a piece of local history in the adaptive reuse of Hose House No. 1, Denver oldest standing fire station. Originally built in 1883, the small 3,224 SF structure served the Denver Fire Department until the early 1920s, after which it became a print shop and later a welding shop. The structure has been vacant for many years awaiting a larger development to take shape that would make restoration economically viable. The hose house will be repurposed as a restaurant designed by **Boss Architecture** to serve hotel guests and the neighborhood.

The floors in the tower's base will contain the lobby and registration areas, banquet and meeting rooms, a fitness center, and other hotel amenities. Parking will be accommodated on two underground levels totaling 164 stalls. The Hilton Garden Inn will also include a swimming pool and a rooftop lounge.

The W is Underway in Aspen, Targeting 2019 Opening

Credit: Rowland + Broughton

The Aspen W, a new 124,378-SF luxury hotel is taking shape at the base of one of the most iconic destinations in all alpine sports. The W will more than double the size of the site's former occupant, the Sky Hotel, which was demolished to make way for the 104-room resort that will include 11 fractional ownership units. Designed by **Rowland + Broughton**, the W puts a modern twist on sloped roof architecture, using sharp lines rendered in wood and metal above rough-hewn masonry block to frame the building's many patios, terraces, and balconies. The new development will include a decadent rooftop patio lounge wrapped around a pool, hot tub, fire pits, cabanas, and a dance floor basking in views of Aspen Mountain. Below deck, the W will also offer a speakeasy nightclub to keep the good times going into the wee hours. Unique features in suites will include spinning beds, mirrored ceilings, DJ booths, and fire pits, capturing the W brand's intended attitude.



congested base area. Lot line-to-lot line construction leaves limited lay down space within the site compelling just-in-time deliveries. Extremely high pedestrian activity in the area and general safety concerns limited the types of craning operations possible and meant deliveries had to be restricted to a single semi at a time.

W Hotels is a luxury-hotel division of Starwood Hotels & Resorts Worldwide. The new hotel is expected to be ready to receive guests and owners in February 2019.

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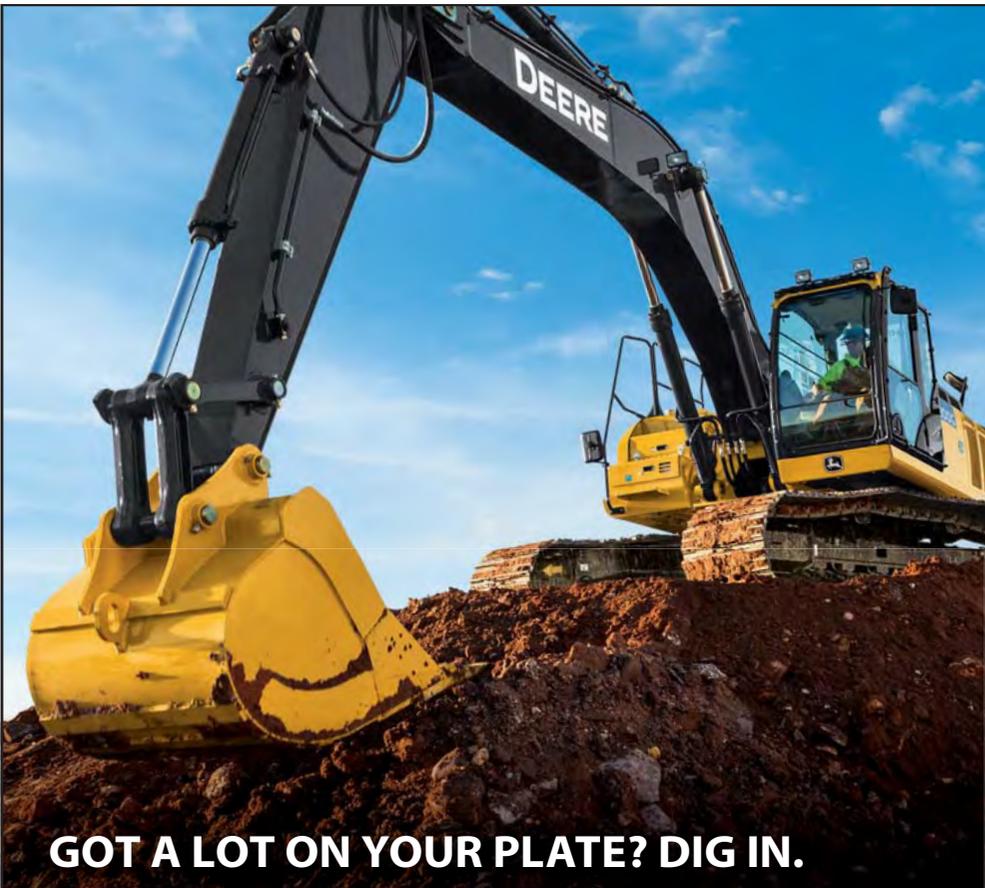
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RNL Designs Radiant

A MIXED-USE TOD IN DENVER'S ARAPAHOE SQUARE NEIGHBORHOOD

RNL, an international architecture, design and planning firm, is providing architecture and programming, as well as interior, lighting and landscape design services for Radiant, a 329-unit, mixed-use apartment community currently underway for LMC. The 351,396-square-foot, transit-oriented development (TOD) is located on Welton Street between 21st and 22nd Streets in Denver's Arapahoe Square neighborhood. Radiant is slated for completion in the fall of 2018.

the flexibility to live life on their own terms."

The community will offer a mix of studio, one- and two-bedroom residences as well as several three-bedroom units. Radiant will also include approximately 4,500 square-feet of ground-level retail at the northern end of the site, bordering the corners of 22nd and Welton Streets. A 10,000 square-foot indoor/outdoor amenity deck will feature a pool and spa, community outdoor

"Radiant is a great example of RNL's people-focused design approach as well as the strength of our multidisciplinary practice," said Cindy Harvey, AIA, NCARB, associate principal at RNL. "Our architecture and design teams worked closely to create a transit-oriented community that puts the best of the region at the residents' doorsteps while at the same time fostering a strong sense of community and comfort at home."

RNL sought to further differentiate



The 17-story development, is ideally located steps from the 20th and Welton RTD Light Rail Station and at the entrance to the rapidly growing Welton corridor, providing residents with easy access to the downtown area. Since Radiant runs directly along the D Line, RNL is working with RTD on streetscape coordination.

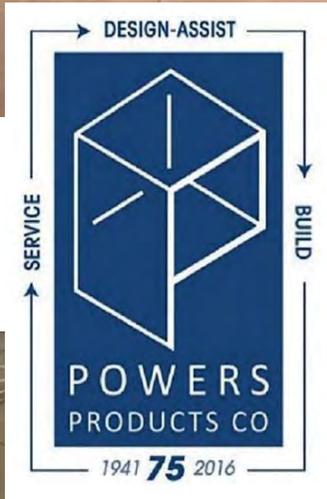
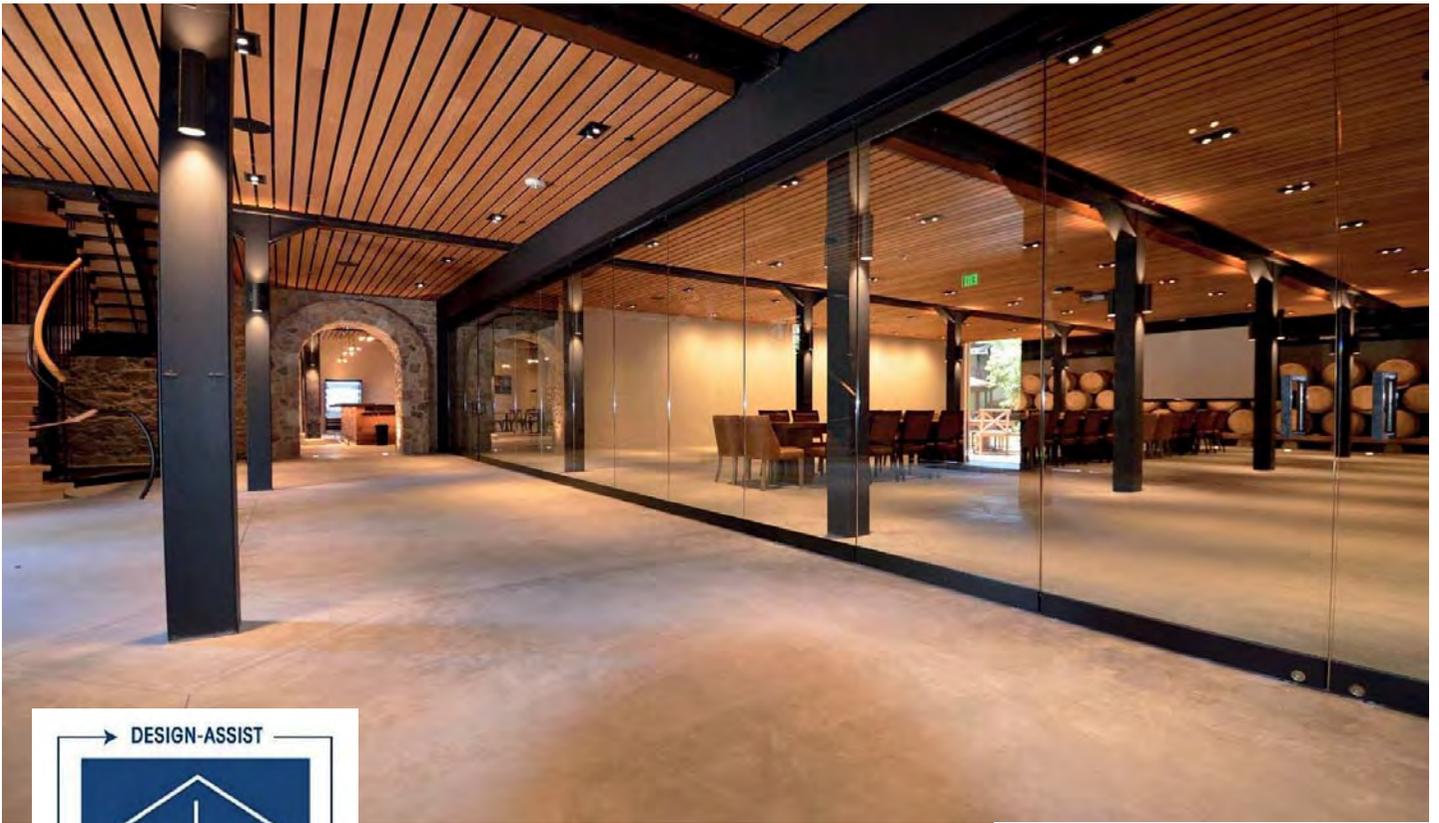
"Radiant is LMC's first high-rise development, and we challenged RNL to create a flagship product that would at once feel at home in Denver and unlike anything else on the market," said Scott Johnson, divisional president of the mountain states for LMC. "It was important to us that the design and amenities stand out from the typical apartment product, and appeal to both young professionals and empty-nesters alike. Radiant will give residents a vintage downtown experience and

dining facilities and expansive lounge areas. A smaller amenity deck on the 17th floor will cater to a more secluded and quiet mood with an outdoor fireplace, water feature and magnificent views of the Rocky Mountains. Additional community amenities include a state-of-the-art fitness center with a yoga studio, clubroom, leasing office and a bike-repair station.

The interior design offers a sophisticated palette that subtly highlights the convergence of the building's geographic location. Rich wood and marble finishes throughout the common spaces create a sense of timelessness and warmth. Amenity spaces throughout the building offer residents the opportunity for activity and respite alike.

Radiant from its neighbors by considering how the building could use orientation and verticality to influence different unit, amenity and connectivity values. The building itself is designed to seem lighter as it rises, with a distinctive stepped-roof silhouette that will be visible from multiple vantage points throughout Denver. The building's massing is designed to maximize views from the units of Downtown Denver, Uptown, the mountains and Coors Field.

Additionally, Radiant will include 413 parking spaces across four levels at or above grade. The above-grade parking will be softened with primary entry points on the corners for the retail and lobby spaces. The parking levels will also be treated with a brick colonnade effect, which will visually connect with the architecture above.



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FUTURE OF DENVER BIZ

by: Julie Wanzer, LEED AP

According to Downtown Denver Partnerships' 2017 State of Downtown Denver report, the City of Denver is one of the fastest growing large cities in the United States with a population of 693,060. Over the past five years, an average of 15,000 residents per year have moved to Denver.

This population growth spurt strongly affects the design and construction industry as can be seen by the number of cranes distorting Denver's skyline. According to a Seattle Times analysis of data from Rider Levett Bucknall, from July 2016 to July 2017, Denver has more cranes in the sky than New York City, Portland, and Washington D.C., for a total of 35 cranes.

With all this construction already taking place, one begins to question "What does the future hold for Denver?" Bisnow Denver explored this topic with two panels during their event called "The Future of Downtown Denver" that took place September 12 at the Wells Fargo Center. The event hosted 275 attendees, with the largest portion of the group including owners/developers, then brokers, then A/E/C and other service provider organizations.

The first panel entitled "**RiNo Rising: The Future of the River North Arts District**" featured the following panelists:

- Stephen Dynia, Principal at Dynia Architects as the Moderator
- Fiona Arnold, President at MAINSPRING Developers



- Cathy Mossman, SVP at Beacon Capital Partners
- Karen Gerwitz, President at WTC Denver
- Paul Zeckser, SVP, Consumer Product at HomeAdvisor

In describing the RiNo neighborhood, Stephen Dynia commented that RiNo has an authentic character where the opportunity for development is still very high. "Every building has a culture that influences the concept of how the building is used," said Stephen Dynia.

For example, The Hub – designed by Gensler and built by Mortenson – features murals by local RiNo artists, ample bike storage and a fourth-floor green terrace that will be open to the community. Paul Zeckser from HomeAdvisor, that will now call The Hub their new home, commented that moving to RiNo will allow the over 50 Denver Public School interns working at HomeAdvisor to be more embedded in their own neighborhood. "Employers need to take responsibility to open yourself up to the neighborhood that you're in," commented Paul Zeckser.

The second panel called "**Downtown Developments & Design: The Next Decade of Denver**" included the following:

- Bruce James, Shareholder at Brownstein Hyatt Farber Schreck as the Moderator

- Jeff Hermanson, CEO at Larimer Associates
- Scott Heimes, CMO at SendGrid
- David Sternberg, EVP at Brookfield
- Dan Cohen, SVP at McWhinney
- Harsh Parikh, President at Parikh Stevens Architects

Scott Heimes kicked off the discussion by noting that the ability to find cost-effective space in Downtown Denver is very difficult. This has caused owners to become creative in the renovations of the existing office buildings. Office renovations such as 1801 California and the Republic Building now offer more amenities for employees, technology-enabled spaces and break-out rooms.

Affordable housing was also mentioned as playing a critical role in the lifecycle growth of a city like Denver. "If you take away the low cost of living option, you kill the development of the city," commented Harsh Parikh. Solutions for this major issue in Denver included increasing the density in Denver which is currently only 2,000 people per SF per Harsh Parikh. Building affordable housing that looks like market rate housing with the plethora of amenities can also help attract the next generation of the workforce and keep Denver thriving.



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Celebrating the Legacy of Design in Colorado 1999 Broadway is Honored with AIA Colorado's 25-Year Award *by Curtis Fentress, FAIA, RIBA*



Curtis Fentress

Curtis Fentress, FAIA, RIBA is President, CEO and Principal-in-Charge of Design at Fentress Architects

In the early 1980s, the oil boom and the growth that followed transformed the perception of Denver and its skyline, as the former “cowtown” became a metropolis and skyscrapers were erected at a rapid rate. Meanwhile, downtown’s Holy Ghost Catholic Church struggled to remain open for parishioners and the homeless population they served. Relief came in the form of an innovative solution—a deal from a British developer, interested in building an office tower on the church’s coveted triangular block at the intersection of 19th Avenue, California Street and Broadway.

This deal meant that not only could the church stay open, but also that it would be the centerpiece of the development. In a letter to his parishioners in 1982, Fr. C.B. Woodrich, lovingly known as Father Woody, expressed his excitement about the project, saying, **“No words can describe the beauty and the elegance of the setting as well as the architectural rendering.”**

For \$11 million, Lawder Corp. gained ownership of the church and the remaining lot space, as well as the right to build above the original height ordinance. In exchange, the church, designed by noted architect Jacques Benedict, received a much needed \$1.6 million renovation, including an underground parking structure, a rebuild of the rear facade, a roof replacement and a new landscaped plaza. In addition, they were given the opportunity to lease their existing space for \$1 per year for the next 500 years. After that period of time, the church will be given the option to continue leasing for another 500 years.

While it may have initially seemed like a strange approach, architect Curtis Fentress and C.W. Fentress and Associates P.C., now Fentress Architects, created a design that both preserved the existing beauty of the historical church and allowed for a towering contemporary high-rise that could stand the test of time.

The tower’s form was generated by an arithmetic spiral with a concave center to draw attention to the church’s existing cross shape, and a glass facade reflects the beauty of the Rocky Mountains. The side facing Denver’s business district utilizes limestone as a nod to formal corporate buildings, and a stainless steel column situated on the corner of Broadway brings all facets of the design together. In order to prevent the obstruction of views from either building, 1999 Broadway sits on a series of 50-foot columns.

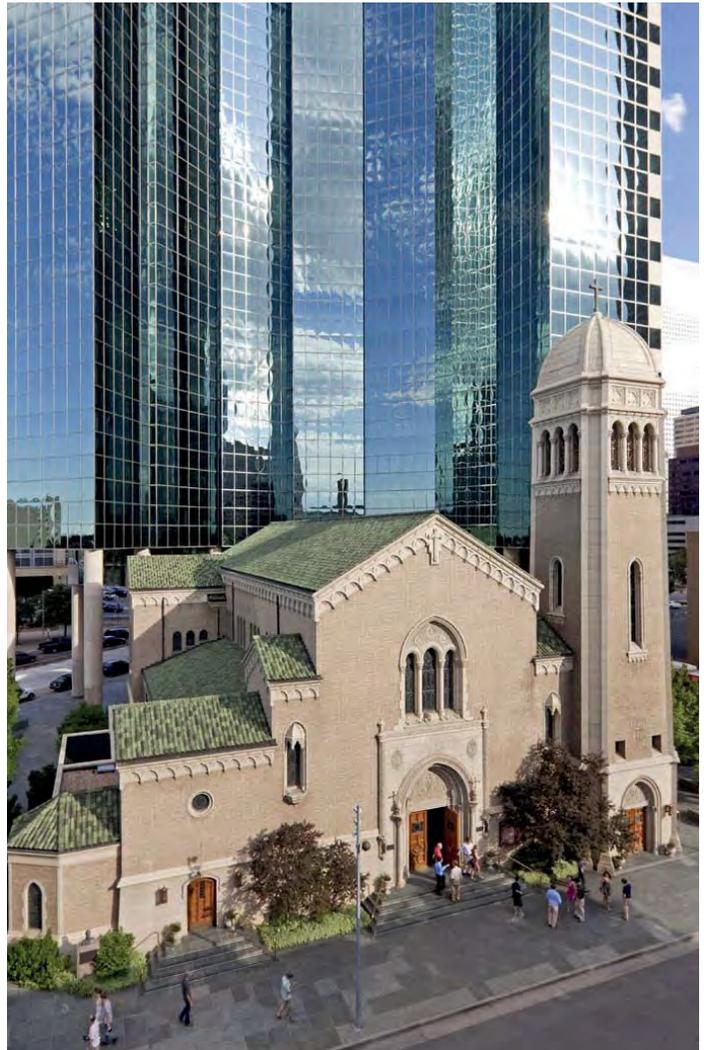
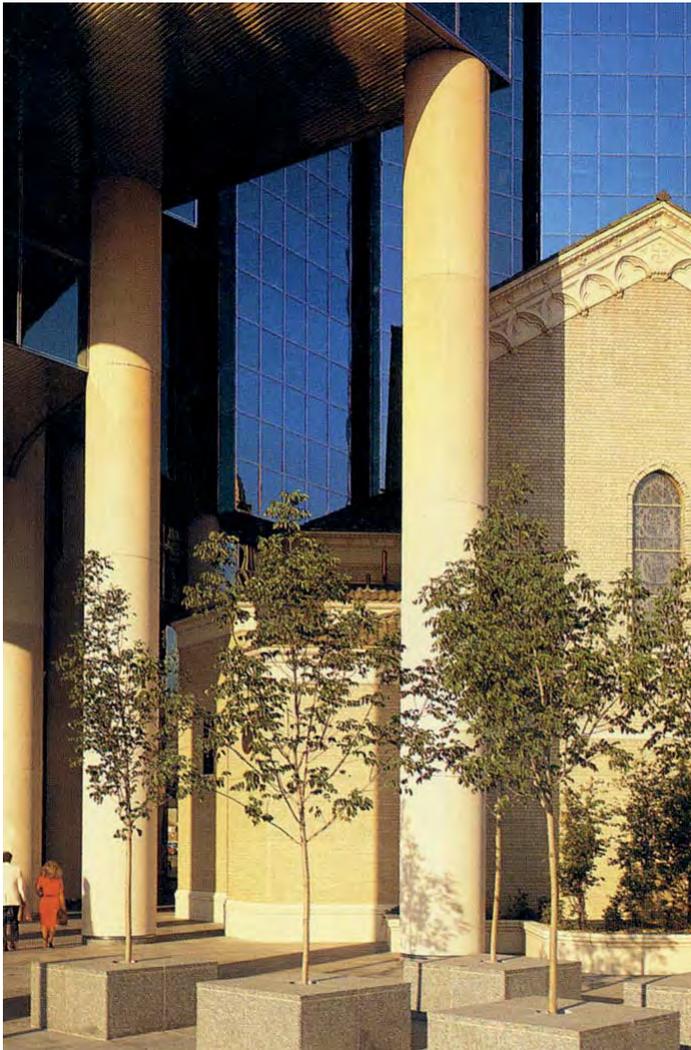


“More than 30 years have passed and the building still looks as fresh and sophisticated as it did in 1985—a contemporary design that uniquely complements one of Denver’s historical gems, the Holy Ghost Church,” said Governor John Hickenlooper, who was new to the Denver area when 1999 Broadway was first under construction. **“The design of 1999 Broadway was meant to convey a message to the region that Denver could and would respect its past while also moving boldly into the future.”**

Tom Noel, Professor of History & Director of Public History & Preservation at the University of Colorado Denver, originally expressed concern at the attempt to marry such contrasting structures, but now sees the construction of 1999 Broadway as the renewal the area needed.

“Fentress’s 1999 Broadway led to the renaissance of the northeast side of downtown, which has since seen dramatic growth in what was a forlorn neighborhood going mostly to parking lots...I wholeheartedly support the nomination of 1999 Broadway for AIA Colorado’s 25-Year Award,” Noel said.

The unique juxtaposition of old and new that is evident in the 1999 Broadway design, and the way the 43-story building cradles rather than covers the Holy Ghost Catholic Church, is an example of design ingenuity that has set the stage for future periods of growth in Colorado.



Southern Colorado Benefiting from Construction Boom Like the Rest of the Front Range *by Marilen Reimer, CAE*



Marilen Reimer, CAE

The author is Executive Director of the American Council of Engineering Companies (ACEC) of Colorado.

As is quite evident with all of the construction cranes, Denver Metro and the North area have rebounded from the recession rather quickly. The South area, although slower to recover, is now rebounding with its own local area projects. To provide a glimpse of what those projects entail, we connected with Bill Hoffmann, PE, vice president/senior principal engineer, with CTL|Thompson Inc., for an overview of some of the new developments in southern and southeastern Colorado that will greatly enhance the region's transportation corridors and communities by 2020.

Colorado Springs

In addition to the city of Champion, which we have heard quite a bit about, the downtown area development in Colorado Springs also includes a southeast urban renewal district where a group of established "free business thinkers" decided to undertake the repurposing of abandoned buildings just south of the main downtown business district to transform them into urban living spaces. In addition, the Southwest Downtown Renewal District received a major boost in May 2017 with the secured financing for the U.S. Olympic Museum, which is set to be completed by 2020. One of the sideline benefits of the museum appears to be a driver to build hotels downtown, as well as other commercial developments to support the hotels and overall tourism.

Moving more toward the north-central area of Colorado Springs, one cannot overlook the explosive growth of the University of Colorado at Colorado. The UCCS campus has expanded from the original Cragmoor TP Clinic of three buildings on approximately 80 acres along one main road to more than 640 acres. From the new arts facility to a new NCAA sporting complex that is under design, the UCCS campus is truly a community-coordinated effort that will be well toward completion by 2020.

Pueblo

Pueblo includes some important I-25 improvements that are currently in progress or have recently been completed. Retail growth within the city is occurring at its north end, just a few miles north of the US Highway 50 interchange. The city funded an interchange at Dillon Ave., which serves the development and access to Pueblo West that was completed earlier this year. Plans for expansion of the interchange as the city grows to the east are currently in the early planning stages. In addition, construction to replace most of the elevated sections with "at-grade" pavement started in July 2015, and it anticipated to be completed in 2018.

Trinidad

Trinidad is experiencing a resurgence and historical preservation of the historic downtown area lead mostly by Jay Cimino, a local entrepreneur. A bank has recently expanded, another church is being renovated, and entire blocks of buildings are being repurposed. In addition, notable preservationists like Diana Crawford and other LoDo caretakers are investing in the endeavors in Trinidad. One of the projects involves the redevelopment of the area around Trinidad's railroad yard and former terminal, which will transform the area into a regional multimodal transportation site, including an AMTRACK station. The intention is to revitalize Trinidad into a destination area and a recognized recreational resource – and it's going to create exciting new opportunities for the city and its future.

We will continue to track the growth developments in surrounding areas and highlight future opportunities in engineering through an upcoming ACEC Colorado blog series coming in October 2017.

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The New Urban Crisis- What Does it Mean for Colorado Business, Culture and Lifestyle?

by **Michael Leccese**

Even if you never set foot in a food hall or delivered a Pecha Kucha, you CC&Ders should probably thank Richard Florida for these busy times in Metro Denver. Fueled by an influx of high-spending, urbanite Millennials, our city and region has been transformed by a tech surge leading to historically low unemployment, the revitalization of and even creation of neighborhoods, international investment in our real estate and development, and the production of thousands of new hipster-themed apartments.



In his 2002 book, "The Rise of the Creative Class," Florida, an urban theorist at the University of Toronto, posed a new theory of economic development and its relation to urban revitalization. Cities that cater to this "creative class" (broadly embracing artists, designers, software engineers and more) will become talent magnets attracting the best and the brightest, and not just people, but companies.

Creative attractors include everything from coffee shops to greenways to gay-friendly public policies. Florida also promotes "concentration," which labels dense, walkable, transit-served mixed-use urban communities as incubators of innovation.

Until that time cities generally relied on expensive, incentive-heavy, but time-tested economic development strategies, such as courting corporate headquarters; attracting major-league sports; and building stadiums and convention centers.

John Hickenlooper, then Denver's new mayor, was an early adopter of Florida theory and start-up culture. It would be hard to argue that this strategy has not worked in Denver and increasingly its inner suburbs. When was the last time you heard the term "Cow Town"? Who would have thought that in 1995, when Denver's population was a slumping 470,000, that it would zoom towards 700,000 with a youth culture that vies to rival Berlin? That Lakewood would host a thriving arts district on ... West Colfax?

Now Florida has released another book, "The New Urban Crisis," musing if this trend has gone awry.

"I got wrong that the creative class could magically restore our cities, become a new middle class like my



Michael Leccese

Executive Director, ULI Colorado

father's, and we were going to live happily forever after," he told the Houston Chronicle in 2016. **"I could not have anticipated among all this urban growth and revival that there was a dark side to the urban creative revolution."**

The upshot is what Florida calls "winner-take-all" Superstar Cities that absorb not only all the talent but a shocking share of global capital. Such Superstar Cities (New York, London, etc.) seem to grow billionaires like parsley and may soon have more Maserati dealers than laundromats. In 2013, six urban zip codes raked in 54 percent of venture capital in the U.S. Some \$8.5 billion flowed into San Francisco alone.

Meanwhile, back in Indiana...

Herein lie the roots of the great blue state/red state divide, growing social inequity, and ultimately the rise of Donald Trump, whom Florida detests. But even if you're already a "have," (and you actually like Trump), you should be concerned about this gulf and its implications: for example, for congestion, air quality, and attracting and housing our workforce. In other words, read the book.

I finished it the same week Amazon announced its hunt for a second headquarters city. The New York Times instantly handicapped Denver as the winner to receive Amazon's proposed 8 million square feet of development for 50,000 employees averaging \$100,000 income.

Some have suggested Amazon go to Detroit or some struggling city that actually needs investment and revitalization. As sites are proffered and this game plays out, you and I will have little influence about whether Amazon comes. But we should take time to consider what kind of region and culture we want to preserve – home town, Superstar City, or something else?

ULI Colorado's executive director Michael Leccese lives happily somewhere among the 99 percent. Come hear about the next-generation of Denver's transformative projects at "Imagine a Greater City," ULI's year-end holiday program on Thursday, December 14, at the McNichols Building.

Green Schools Summit Will Help Advance healthy, Efficient Colorado Schools

by Patti Mason



Patti Mason

Patti Mason is the Regional Director of the U.S. Green Building Council Mountain West



COLORADO

As a society, we focus an enormous amount of energy on the education of our children. We meet with teachers and attend school board meetings to ensure that curriculum is sound. We sign our kids up for extracurricular activities so they can master skills outside the classroom. We make sacrifices in time and money to give them every chance to succeed – and we're happy to do so!

But while we're concentrating on the content of our children's education, we often overlook a critical component of the overall experience – the impact of the physical location where learning takes place.

On Nov. 3, the U.S. Green Building Council (USGBC) Colorado will host the Green Schools Summit in Arvada. The summit is Colorado's only conference dedicated to convening green building industry professionals, school decision makers, educators and parents to advance healthy, safe and sustainable schools statewide.

What are green schools? They are schools that strive to achieve success across three pillars:

- **Reduce environmental impact:** Green schools use less energy and water than conventional schools, cut back on fossil fuel use in transportation, reduce waste sent to the landfill and protect natural habitats. This lowers school energy bills – which means dollars can be reinvested back into the classroom, where they belong.
- **Improve occupants' health and performance:** Green schools provide a clean and healthy indoor environment, as well as programs and services for good nutrition and physical activity. Studies have shown that air quality, lighting, clean water and nutritious food options all have a significant impact on both student performance and overall well-being.
- **Increase sustainable literacy:** Today's students will likely face immense environmental challenges when they are older. Green schools increase students' environmental knowledge and better prepare them to be tomorrow's leaders in sustainability.

The theme for this year's Green Schools Summit is "Making Green Schools Add Up," and programming will focus on resource efficiency in schools. We're thrilled about the sessions we have lined up for the event:

- We'll look at how High Plains School in Loveland worked with their local community to initiate a cultural shift in thinking, from "safe and traditional" design in favor of innovative and sustainable design.
- We'll explore Arc and the Arc for Schools program, a new digital technology that allows schools to collaborate with other districts, track performance of their buildings, and benchmark with their peers.
- We'll learn about how schools and communities can support each other on the path toward improving sustainability, through strong relationships and information-sharing and much more.

The day before the summit, we'll tour some of Colorado's leading green schools and spaces, including Sheridan New 3-8 School (LEED Gold), Rocky Mountain Deaf School (LEED Silver), and Colorado's Finest High School of Choice (LEED Silver), among others.

The Green Schools Summit will take place at the Arvada Center for the Arts and Humanities. You can learn more at www.cogreenschools.org. Consider joining us if you're interested in ensuring that all children have the opportunity to learn in green, healthy schools.

USGBC Colorado works to inspire, educate and connect people to transform where we live, learn, work and play. Learn more at usgbc.org/usgbc-colorado.

Construction Leads U.S. Industries in Struck-By Deaths *by Sam Abrahamsen*



Sam Abrahamsen

Sam Abrahamsen is a Safety Resources Coordinator at CCIG. Reach Sam at 720-330-7941 or SamA@thinkccig.com



The headlines say it all: “Worker killed by steamroller,” “Worker hit and killed on Highway 9,” “Worker hit, killed in construction zone.”

Highway maintenance workers have some of the most dangerous jobs in the construction field, as do power-line installers and excavators.

So says a new study that examines the role of “struck-by” hazards in the cause of fatal and nonfatal injuries in construction.

The study, by the Center for Construction Research and Training, found that from 2011 and 2015, 804 construction workers died from struck-by injuries, more than any other major industry including agriculture and transportation.

Construction also had the highest rate of nonfatal struck-by injuries among all industries. About half (52.2%) of the struck-by fatalities were caused by an object or equipment, the study found. Struck-by hazards originate from many sources. The most common include:

- Accidental hits by cranes, heavy equipment and loader trucks.
- Falling, flying, slipping, rolling and swinging equipment and materials.
- Poorly stacked heavy materials that may fall, slip and slide.
- Objects leaning against walls or posts. Unmarked low beams or pipes at site.

The study found that highway maintenance workers had the highest rate of fatalities due to struck-by injuries, with 16 deaths per 100,000 full-time equivalent workers, according to the report.

The number struck-by fatalities followed the overall fatality trend in construction, falling during the recession and increasing afterwards. In 2015, 162 construction workers died from struck-by injuries, a 2.5% increase from 2011 and 34% higher than the low point in 2010.

Overall, 57% of struck-by vehicle fatalities were due to being struck by forward-moving vehicles, while 26% were struck by backing-up vehicles.

The study also found that, in general, older construction workers had a higher risk of struck-by fatalities, while younger workers had a higher risk of nonfatal struck-by injuries.

The center included a number of recommendations that can help cut the number of deaths caused by struck-by injuries. These included backup cameras, hardhats with illumination and better lighting in road work construction zones.

The prevalence of struck-by deaths and injuries spurred OSHA to come up with plans for curbing such hazards. Struck-by accidents have been incorporated into OSHA's Focus Four initiative, which concentrates training and resources on the most common types of construction accidents.

Falls, caught-in and caught-between, and electrocution hazards also are on that list.



Dave Fowler

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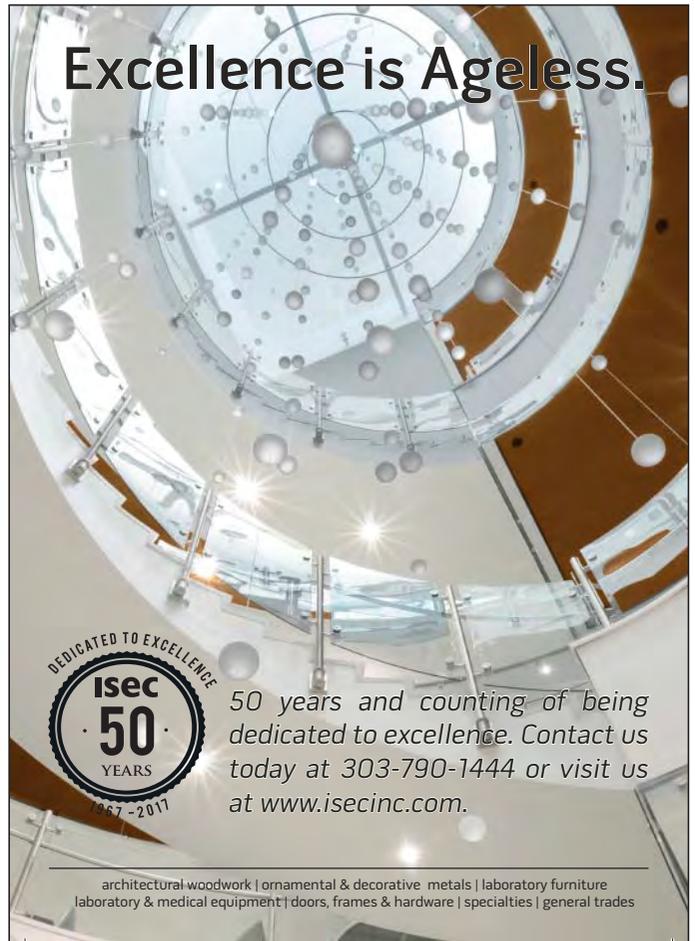
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Innovation: Veltri Steel, Gaylord Rockies Resort & Convention Center

Teamwork: Martinez Fire Protection, Coorstek

Small Business: Terra Constructors, Festival Park

Preconstruction: Stresscon, The HUB Denver

Small Business: Terra Constructors, Festival Park

Project Manager: Rich Ferguson, Progressive Drywall, Coorstek

Superintendent: Brad Arzt, Encore Electric, CSU On-Campus Stadium

Virtual Design & Construction: Sam Guidie, Encore Electric, UHealth Highlands Ranch Hospital

Overall: Murphy Mechanical, UAL Flight Training Center



AGC Honored with Chapter of the Year Award by AGC America Presidents Letter *by Michael Gifford*



Michael Gifford

Author Michael Gifford is President and CEO of the Associated General Contractors (AGC) of Colorado

AGC Colorado received the coveted Chapter of the Year Award at the AGC Chapter & National Leadership Conference in on September 25, 2017 in Washington DC. AGC and CCA also won the Public Relations Award for best public relations campaign for the industry for the Constriction Careers Now workforce development program. AGC Chair Brian Lartz (Golden Triangle Construction), Chair-Elect Scott Van Deren (Drake Williams Steel) and Vice-Chair Kurt Klanderud (GH Phipps Construction) were in attendance to receive the award.

For the Chapter of the Year Award, AGC was recognized for its work on advocacy, effective networking opportunities for members, significant

workforce development program results, and membership growth and retention. "It is satisfying to be selected as the best of the best by our national association and our peers, the other 92 AGC chapters in the AGC family" stated Michael Gifford, AGC President & CEO.

For the Public Relations Award, AGC and CCA were recognized for working together to recruit new employees to the industry, and for creating the industry portal BuildColorado.com. The Construction Careers Now program recruits new people to the industry through an aggressive marketing campaign and a monthly training program delivered by Emily Griffith Technical College.



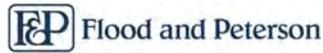
Bryan Cook (AGC Operations Director), Scott Van Deren (AGC Chair Elect/Drake Williams Steel), Andrea Berumen (AGC Membership Director), Brian Laartz (AGC Chair/Golden Triangle Construction), Art Daniel (AGC America President), Michael Gifford (AGC CEO), Kurt Klanderud (AGC Vice-Chair/GH Phipps Construction), Jeff Weist (AGC Lobbyist/Weist Capitol Group)

AGC CO leaders meeting with U.S. Rep Coffman in Washington DC



AGC Meets with CO Congressional Delegation in Washington DC: AGC Chair Brian Laartz, Chair-Elect Scott Van Deren, Vice-Chair Kurt Klanderud, CEO Michael Gifford and Lobbyists Jeff Weist and Laura Long met with CO Senators Bennet and Gardner and 6 of Colorado's 7 U.S. Representatives to discuss important construction industry issues like Infrastructure, Regulations, Tax Reform, and Workforce Development. AGC made the visits during the AGC National & Chapter Leadership Conference.

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9:30 to 11:30 PM – Post-Party/Casino Night

Emcee: Reggie Rivers

Register at www.AGCACE.com



Build Colorado. It's who we are.

AGC Annual Awards Banquet



AGC Colorado Offers Full Range of Employment Opportunities to Support Colorado Construction Careers Month

The Associated General Contractors of Colorado (AGC) demonstrates solidarity with Governor John W. Hickenlooper's latest proclamation for October as "Colorado Construction Careers Month" with three construction employment training opportunity programs. These programs offer construction career pathways beginning with advocacy to high school guidance counselors to pre-apprenticeship training to career opportunities for mid-level construction workers. This range of opportunities supports Gov. Hickenlooper's proclamation to "...narrow the skills gap by guiding America's youth and displaced workers into opportunities that lead to long-term rewarding careers in construction."

The first program is called Construction Careers Connection and provides high school guidance counselors and teachers in the Denver area with information regarding various construction career pathways for their students. The Construction "Careers Connection" navigator team, consisting of representatives from local general contractors, subcontractors and suppliers, have created a construction careers manual for distribution to high schools and will interact with the students directly serving as guides regarding the opportunities in the construction industry. The program rolls out for the 2017-2018 academic year in 11 Denver-metro area schools, with expansion planned for the 2018-2019 academic year with 11 more schools. In addition, during the month of October, contractors will be offering job site tours for students to experience what it is like to be a contractor for a day.

Construction Careers Now (CCN), a pre-apprenticeship training course, is a second program supported by AGC and has already graduated 471 participants since its beginning in September of 2016 and is slated to continue through August of 2018. 56% of those graduates have either been hired directly by local contractors or are pursuing continuing education in the construction industry. No experience is required for this program and is free to participants. CCN is made

possible with additional support from of the Colorado Contractors Association (CCA), the Hispanic Contractors of Colorado (HCC), and Emily Griffith Technical College, and relies on state grant funding and donations from local contractors to support the participants' training.

BuildColorado.com is the third initiative AGC provides to increase the awareness of construction employment opportunities and apprenticeship programs in Colorado. The site hosts immediate job openings for people who already have some experience in construction and are looking to advance their careers further as well as some postings for entry level construction workers. BuildColorado.com also serves as a resource for those looking for more information about construction career pathways in addition to current compensation levels by job description.

AGC will continue to honor Gov. Hickenlooper's proclamation well beyond the month of October to assist Coloradoans in their efforts to embark on a career in construction. By offering construction career opportunities from high schoolers to mid-level workers, AGC is helping to overcome the construction workforce labor shortage at all levels to help construction companies keep up with the booming demand and to provide Coloradans with the opportunities for rewarding careers in construction.



WHEREAS, Careers in Construction Month is an annual month designated to increase public awareness and appreciation of construction craft professionals and the entire construction workforce; and

WHEREAS, during this month, employers, associations, and schools are encouraged to conduct job fairs, panel discussions, and local community events to inform students of the many employment opportunities in construction; and

WHEREAS, the construction industry is one of our nation's largest industries, employing more than five million individuals in the United States; and

WHEREAS, the construction industry needs one and a half million new craft professionals by 2019; and

WHEREAS, Coloradans are pleased to honor construction craft professionals and the critical role they play in the development of our state of Colorado; and

WHEREAS, National Center of Construction Education and Research was created by the construction industry to standardize training and enhance the industry's image by promoting the hard work and dedication of our nation's craft professionals; and

WHEREAS, the mission of NCCER's Build Your Future initiative is to narrow the skills gap by guiding America's youth and displaced workers into opportunities that lead to long-term rewarding careers in construction;

Therefore, I, John W. Hickenlooper, Governor of the State of Colorado, do hereby proclaim, October 2017, as

COLORADO CONSTRUCTION CAREERS MONTH

in the State of Colorado.

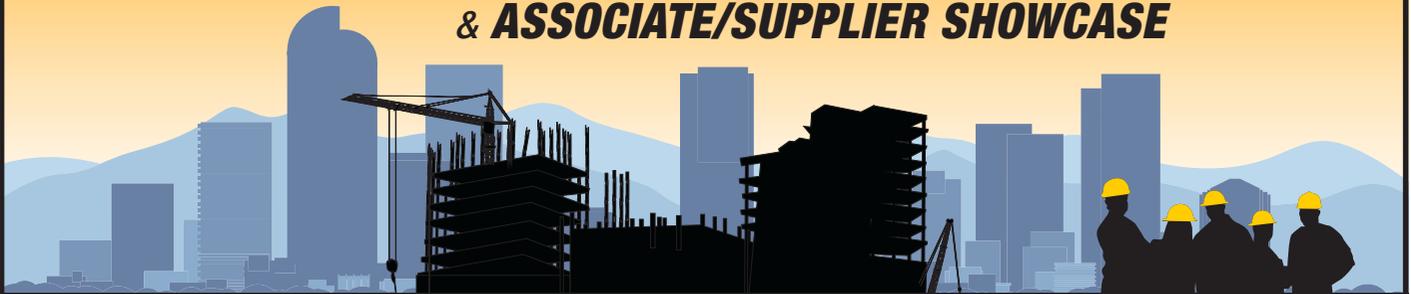
*GIVEN under my hand and the
Executive Seal of the State of
Colorado, this first day of
October, 2017*

A handwritten signature in black ink that reads "John W. Hickenlooper".

*John W. Hickenlooper
Governor*



AGC COLORADO'S BREAKFAST with the BOARD & ASSOCIATE/SUPPLIER SHOWCASE



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Outlook '18 &
National AGC America Update

SPEAKERS

Cliff Brewis, Dodge Data & Analytics
Art Daniel, 2017 President AGC America

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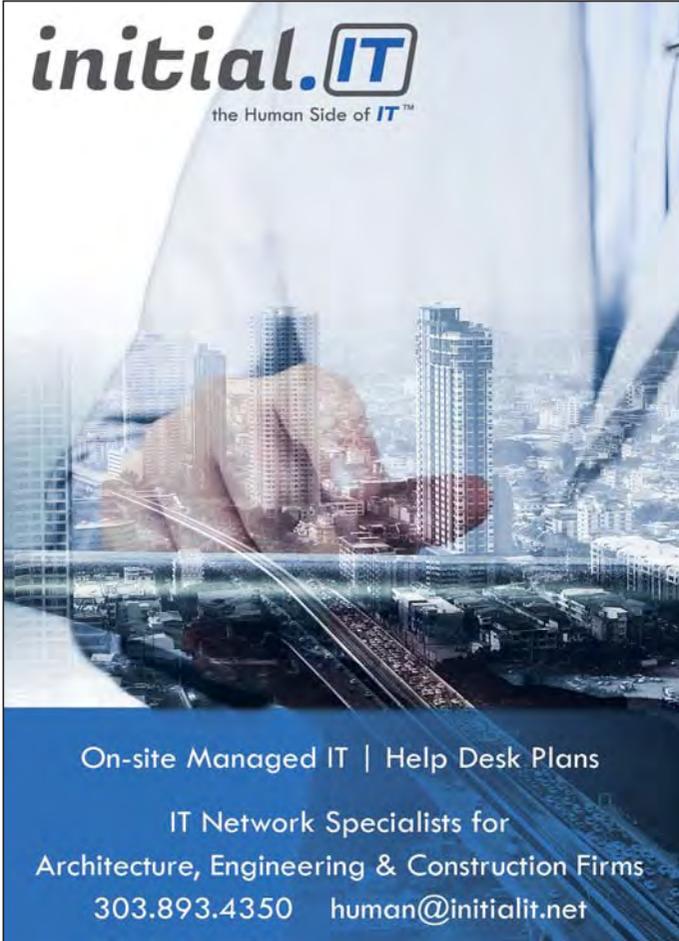
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CURRENT & PROSPECTIVE MEMBER MIXER

November 1, 2017 | 5:00 pm - 7:00 pm | Location TBD

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key values of SMPS membership to members and non-members alike. Current and prospective members welcome!

ADDITIONAL UPCOMING SMPS EVENTS



MARKETING ON A SHOESTRING BUDGET: Denver Education Event

October 26, 2017 | 11:30 am - 1:00 pm | Location TBD



USGBC COLORADO GREEN SCHOOLS SUMMIT

November 3, 2017 | 8:00 am - 5:00 pm | Arvada Center for the Arts and Humanities
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Colorado Construction & Design - not pictured, Polly Emmons, Editor/Creative Director, and Mike Branigan, Publisher were busy taking photos! Send your event photos to: news@ccdmag.com for the next edition of Parting Shots!



Steve Carpenter, P.E., Sr. Project Manager, Mark Sorenson, P.E., Associate, Matthew Krall, Marketing Manager, Kevin Vecchiarelli, Senior Associate - JVA Consulting Engineers

September 26, 2017 | OE Construction Hosts Colorado Construction Connection Program by AGC

OE Construction Hosts Hands-On Workshop

From 8-11 a.m. on Tuesday, September 26th, site development, sitework and underground utilities contractor OE Construction hosted students from Wheat Ridge High School at a hands-on workshop to help the students explore construction careers with the Colorado Construction Connection program created by Associated General Contractors (AGC) as a partnership between construction companies and local high schools. Participants gained hands on experience operating heavy machinery, setting grade and other construction site related tasks. Terri Olson, owner of OE Construction, active with the Construction Careers Now program and the Colorado Construction Connection program did an exemplary job, providing OE Construction T-shirts, Caterpillar caps, food and beverages for the 15 students who attended the event. For more information about Construction Careers Now, contact Lisa Seaman at (303) 388-2422.



September 20, 2017 | AGC Colorado Breakfast with the Board at CSU Stadium

AGC Colorado Breakfast with the Board at CSU



Graham Coddington of Saunders visits with Allison Larson Rogers of Phase 1 Company



CSU officials welcomed AGC Colorado to the new football stadium in Fort Collins

COMING SOON - The "INSIDE AGC COLORADO Annual Report"
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Turner Construction Raises \$40,780 with Sporting Clays Tournament to Benefit Avista Adventist Hospital

Turner Construction's Denver office recently held a Sporting Clays Tournament at Kiowa Creek Sporting Club to benefit Avista Adventist Hospital. The tournament was very successful and raised \$40,780 to support Avista's efforts to improve women's health in Colorado. There were 48 teams totaling 192 shooters.

Special thanks to our tournament sponsor – Tower Electric.

Additional sponsors included: Shotgun Sponsors – Apollo Mechanical, CDI, Cleveland Marble, Sturgeon Electric, and Trautman & Shreve. Shell and Bag Sponsors – Cleveland Marble, Cornerstone Coatings, Flatiron Construction, and Weifield Electric. Breakfast Sponsors – Drake Williams Steel and Turman Commercial Painters. Lunch Sponsor – Western States Fire Protection. Water/Tent Sponsors – Associated Building Specialties and United Supply. Beer Sponsors – Kenny Electric, LPR Construction, MTech Mechanical, and South Valley Prefab. Flippin' Flapjacks provided the breakfast and Kiowa Creek Sporting Club provided lunch.

Avista Adventist Hospital is a comprehensive medical center that provides a full-range of medical specialties and exceptional health care to the Louisville, Broomfield, and the surrounding Boulder area communities. A 114-bed full service hospital, Avista provides first-rate Heart and Vascular and emergency care. Avista Hospital is home to a Joint and Spine Care Center specializing in hip and knee replacement and spine surgery. It is also widely recognized for its award-winning New Life Center, the Louisville and Boulder area's largest and most innovative birth center and home of the area's largest Neonatal Intensive Care Nursery.



ACEC Colorado Golf Tourney Raised Over \$13,000 in Scholarship Funds

The American Council of Engineering Companies of Colorado raised more than \$13,000 in funds for the ACEC Colorado Scholarship Program at its 15th Annual Golf Tournament on Aug. 7 at Plum Creek Golf Course (Castle Rock, Colo.)

To date, ACEC Colorado has provided more than \$400,000 to advance the education of engineering students since 1982. This year's golf tournament hosted 128 players.

"We welcome the occasion to host events such as our annual golf tournament to provide the opportunity to advance the careers of students in the engineering field," commented Nancy Clanton, PE, president of ACEC Colorado. "Our main goal is to educate these students about the various pathways available to them in engineering."



A golf team sponsored by Yeh & Associates (Denver, Colo.) took first place in the ACEC Colorado golf tournament to benefit scholarship funds for Colorado engineering students. (l-r); Peter Mertes, PE; Clavin Yeh, PE; Bill Scheuerman, PE; and Ryan Abraham, PE.

ACEC Colorado is committed to supporting the next generation of engineering consultants through the scholarship program and relies on the golf tournament to provide a portion of the scholarship funds. The application process for the 2018 – 19 academic year will be available beginning Sept. 1, 2017 to students that meet the following criteria:

- Are pursuing a bachelor's degree from a university engineering program in Colorado that is accredited by the Accreditation Board for Engineering Technology (ABET).
- Will be a junior, senior or a fifth-year senior in a five-year program, as of the fall of the next academic year.
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