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CELEBRATING 40 YEARS OF
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On the Cover: Black Desert Resort sparkles in the evening twilight, a gorgeous desert oasis expected to have a significant economic impact on the greater St. George area. (photo by Dana Sohm, Sohom Fotografx)

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< Publisher's Message

Celebrating 100 Issues in Style!

On behalf of our team at **Utah Construction + Design**, we are thrilled to celebrate our second publishing milestone—our **100th issue**—and we're doing it in style with some great editorial content.

There are a couple of projects that stand out. The first is our cover story on **Black Desert Resort** (page 40) near Ivins, a marvelous 600-acre property highlighted by the recently completed resort center—five buildings complimenting a wicked, championship-caliber golf course. By wicked, I mean it's the single most difficult course I've ever played, with thousands of ball-eating lava rocks waiting to devour your \$5 Titleist Pro V1 if you can't hit it straight.

The nearly \$300 million resort center compliments a championship-caliber golf course—set amidst the timeless red rock sandstone cliffs of Southern Utah and loaded with top-shelf amenities.

The other is the new **Fullmer Legacy Center** (page 30) in South Jordan, a building that carries on the mission of the Fullmer Brothers Boxing Gym by giving it a permanent home for youth to develop their boxing and life skills (at no charge). The building is also a cool museum honoring the careers of Gene, Jay, and Don Fullmer—Utah's first family of boxing.

Growing up in Sandy, we often dined at "Gene Fullmer's Celebrity Restaurant" in Midvale (1976-82), and it was decorated similarly to the Fullmer Legacy Center Museum, with loads of vintage boxing memorabilia, plus giant portraits of the men Gene fought during his heyday from 1957-63 when he was a two-time world middleweight champion. Gene would always pull up a chair next to our booth and chat for a few minutes. His restaurant served the best deep-dish cherry pie ever, with a scoop of vanilla ice cream on the side. Great childhood memories!

Major props to **Larry Fullmer**, the oldest of Don's five sons, who was the wizard behind the curtain in bringing Fullmer Legacy Center to life through his strategic relationships and tireless fundraising efforts. Larry's passion for this project was infectious, and you could tell at the May 2 ribbon-cutting how much the center means to him, the entire Fullmer family, and the southwest Salt Lake Valley community where the Fullmer brothers were raised.

Much like our 10th anniversary issue (February 2023), reflecting on what 100 issues means sparks a range of emotions—sobering, humbling, appreciative, proud. It was 13 years ago this month, September 2012, that Ladd Marshall and I decided to plow ahead with UC+D, after six months of talking about it while knocking doors in Centerville, hawking Utopia fiber. Door-to-door sales as a 45-year-old, I will admit, is less than stellar. Perhaps that desperation to do something meaningful finally kicked in.

Our **100th issue** also includes three other project features, including the new **Impact & Prosperity Epicenter** at the University of Utah (page 36), the **Salt Lake Bees'** new stadium in South Jordan, dubbed **Ballpark at America First Square** (page 52), and the **UCCU Stadium at Utah Valley University** (page 64), a nod to the Orem-based school's burgeoning soccer program.

(For the record, we didn't intentionally set out to make this a sports-themed issue—even our Industry News section (page 10) leads off with the new Utah Mammoth practice and training facility—sometimes that's just the way the ball bounces/puck drops!)

Other interesting content includes:

- Firms Making Moves** (page 16) looks at three significant recent industry transactions.
- Empowerment Era** (page 20) profiles the Salt Lake Chapter of the National Association of Women in Construction (NAWIC).
- Good Career? Start Here** (page 56) gauges workforce development in construction.
- Four Decades of Transformation** (page 60) recognizes civil design firm WSP's 40 years in Utah.

Finally, we cap it off with our **2025 Top Utah Engineering Firm Rankings** (page 70).

In closing, I want to give a shout-out to **Jeff Scott**, owner of Scott Machinery Co. and founder of Intermountain Bobcat, not only for being our first advertising client, but for his words of encouragement, which gave us a ton of confidence at that point.

Ladd and I, along with Taylor Larsen (who has been with us for five-plus years), took some time to reflect on past issues that are particularly special to us (page 24).

It's been a fabulous ride, and we are honored to have made it this far, but like the many successful companies we write about when they celebrate prominent anniversary milestones, we have no intention of slowing down. I can see myself grinding through another 100 issues. At seven per year, that's just over 14 years...so...2039 or bust!

Regards,



Bradley Fullmer



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Coming in October/November issue of UC+D:

Owner Spotlight: Larry H. Miller Real Estate
40 & Under Industry Professionals
Anniversaries: Hogan Construction 80th,
Taylor Electric 50th, Lloyd Architects 25th

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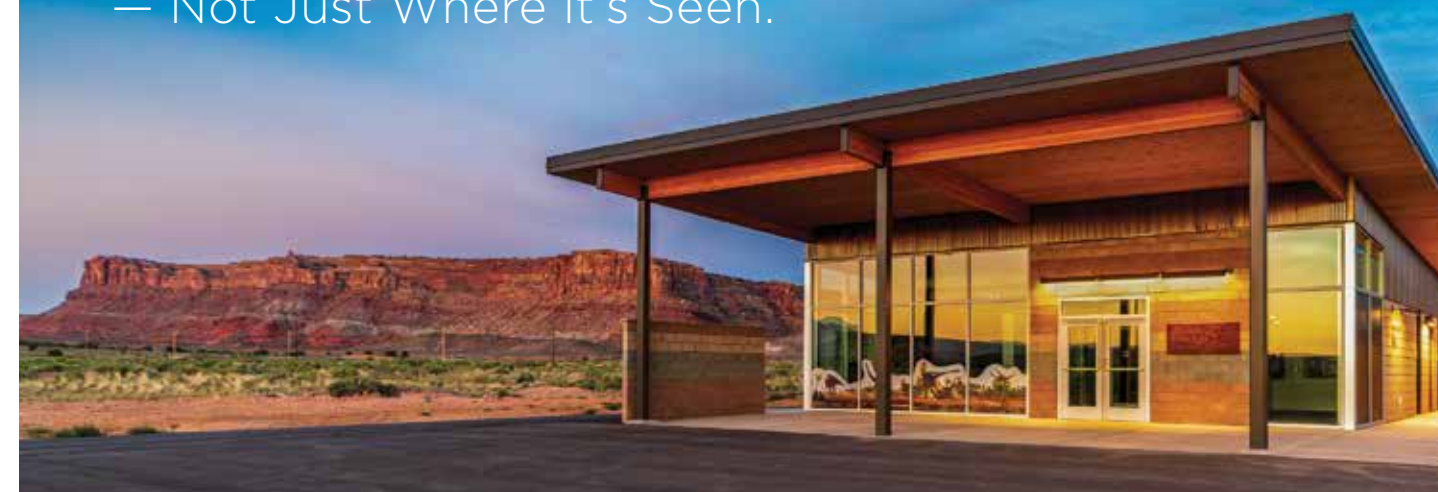


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Utah Mammoth Hockey Team Celebrates New Practice and Training Facility

SLCC Technical Arts Building Project Team Earns Tilt-Up Award; Cole West Completes theYARD in SLC; Wheeler Machinery Co. to Aid in Power Development for New Data Center; Western Sports Park Opens in Farmington; J. Fisher Companies Celebrates Upcoming and Finished Projects.



View of the home team locker room at the new Utah Mammoth Practice and Training Facility in Sandy. (photo courtesy SEG)

“Tusk’s Up” for Utah Mammoth’s New Practice and Training Facility

The Utah Mammoth hockey team unveiled its new state-of-the-art practice and training facility during a soft opening celebration on September 17.

Ryan Smith, team owner and Chairman of the Smith Entertainment Group (SEG), said during the event that Sandy City sought help to revitalize The Shops at South Town, receiving it in spades in the form of hockey.

“We took over a mall here. It was arguably dying on some level, which most malls are. Then we put a bunch of life into it with the ultimate anchor tenant, which is sports,” he said of the facility and future operations, which will also be open to local hockey teams to utilize next year when the team is away or when practice is out of session.

But it’s an even more exciting development for what it means

professionally, as the 146,000-SF facility will host the NHL team’s practices—a mammoth (pardon the pun) turn of events for a team that enjoyed a competitive first season as the Utah Hockey Club.

Two NHL-size rinks in the facility provide the team with the flexibility to run multiple on-ice sessions simultaneously, optimizing on-ice training for skill development, conditioning, and practice. Alternatively, teams can skate on a fresh rink while the Zamboni resurfaces the other. Each rink features world-class Local Positioning System (LPS) technology directly above both ice sheets, enabling the real-time tracking of players’ workload and performance.

“This new Utah Mammoth practice and training facility is one of the most tech-forward facilities in all of sports. Not only will it be an epic place for players to train, but it will be an incredible gathering

place for the community as well,” said Ryan and Ashley Smith, co-founders of SEG and owners of the Utah Mammoth, in a press release. “Every detail of the space was designed with the athlete’s experience in mind, giving players the ultimate environment to succeed and creating amazing spaces for them to rest and recover. I am so proud of the incredible work done by the SEG team to not only build something so amazing, but to also do it so quickly.”

The mach-speed construction of the Utah Mammoth’s new facility was completed in 13 months, which ownership praised for its “uncompromised attention to detail.”

The practice and training facility came together through SEG partnerships with multiple local companies, including architectural design by Babcock Design (Salt Lake), general contracting by Layton Construction (Sandy), and interior design by Ezra Lee Design + Build (Alpine).

Beyond a range of medical, training, and player development programs and operations, the new facility features team offices and public spaces scheduled to open in early 2026, including a team store, skate rentals, locker rooms, and concessions. As the first of its kind in Utah, the facility is a landmark achievement in helping establish Utah as a premier hockey destination and a regional hub for the sport’s growth and future.

Select team practices will be open to the public, and bleachers positioned around the ice sheets will accommodate more than 500 fans. Visiting NHL clubs will also be able to use the facility for practice and morning skates while in town.

Additional facility highlights include:

- An 8,082-square-foot dry gym featuring 40 yards of turf, resistance systems that provide immediate training data, and camera-based squat racks
- A full recovery suite complete with a 22-foot therapy pool, red light therapy, dry float tanks, sauna and steam rooms, and other spa-inspired amenities
- A commercial-grade performance kitchen with an open-concept design, mobile app ordering, and equipment to prepare an array of cuisines
- Automated skate sharpening and profiling systems that replace manual methods. With more than 200 sets of steel maintained throughout the season, this automation will ensure operational efficiency and readiness, supporting both practice and game-day operations
- A primary locker room that is consistent with the design and layout of Delta Center’s space, creating a game-day environment for players and continuity between practice and competition
- A 26-stall visitor locker room positioned adjacent to the central team locker room that also ensures every player invited to training camp has a dedicated locker space during all-team events and practices
- Thoughtfully curated touchpoints that encourage team connection, including a player lounge, skills room, and a barber shop

Tusks up, indeed!

Cole West Finishes theYARD in Salt Lake City

Cole West, the Centerville-based real estate development group, recently celebrated completion of theYARD, a build-to-rent townhome community in Salt Lake City so named to honor the site’s industrial roots.



The firm’s work to redevelop the former Mark Steel fabrication yard has resulted in a connected, amenity-rich neighborhood adjacent to the Power District.

The project was developed, designed, and built by Cole West, with capital provided by Argosy Real Estate Partners and Celtic Bank, with strong support from local and state leaders.

The 8.5-acre community features 157 three-story townhomes, each offering attached garages, modern finishes, and flexible leasing options. Residents may also enjoy a clubhouse, fitness center, pool and hot tub area, landscaped greenway, and direct access to the Jordan River Trail.

“What’s most remarkable about today is the transformation you see all around us. A site that once housed a steel yard has been reimagined into a vibrant community with homes, green space, and opportunity,” said Darlene Carter, CEO of Cole West. “theYARD represents the kind of thoughtful, long-term investment we believe this community deserves. We’ve built a neighborhood that honors its history while creating a new future—one where people can live well, stay connected, and feel proud to call this place home.”

SLCC Technical Arts Building Honored with National Tilt-Up Concrete Award

Another Utah project has earned national recognition, with the new Salt Lake Community College (SLCC) Technical Arts Building earning a Tilt-Up Achievement Award from the Tilt-Up Concrete Association (TCA). The award will be presented to the project team at the Awards Gala on October 1 in Nashville as part of TCA’s 2025 Convention and Expo.

After a fire destroyed SLCC’s Applied



(Left) The Cole West team celebrates the grand opening of theYARD. (Pictured) Salt Lake Community College’s Technical Arts Building was honored with the Achievement Award from TCA.

Technology Center in 2020, the DFCM enlisted a design team led by GSBS Architects and a construction team led by SIRQ Construction to build a new building on the college’s Taylorsville campus.

The project’s modern, innovative design integrates high-bay and two-story wings connected by a central circulation spine. SIRQ Construction, GSBS Architects, KH Love Construction (tilt-up trade partner), and Reavely Engineers (structural consultant) advanced an innovative approach to the tilt-up process by using a form liner for concrete panels that reflected the design of adjacent campus buildings.

“The Tilt-Up Achievement Award highlights SIRQ’s commitment to quality and innovation in tilt-up construction,” said Ryan Hunter, SIRQ’s Director of Business Development. “This recognition also underscores the strength of collaboration.”

Hunter praised West Jordan-based KH Love Construction for delivering a high level of craftsmanship and efficient execution to help deliver a project that combined modern tilt-up concrete construction with glass elements to create a durable, inviting educational environment.

This 46,000-SF facility, which earned UC+D’s 2024 Most Outstanding Concrete/Tilt-Up Project Award, as well as AGC of Utah’s Higher Education Project of the Year, supports the college’s growing technical arts programs and meets the rising demand for hands-on, career-oriented education.

High Performance Computer Data Center Moves Forward

Joule Capital Partners, Caterpillar Inc., and Salt Lake-based Wheeler Machinery Co. announced in August an agreement to power Joule’s High Performance Compute>>



Data Center Campus in Utah. Joule, a next-generation infrastructure company, aims to create the largest single campus in Utah and operate the world's most advanced data centers.

This initiative will provide four gigawatts of total energy to the center of the Intermountain West, delivering groundbreaking prime power and integrated combined cooling, heat, and power (CCHP) solutions with a by-design liquid cooling architecture.

Powered by a fleet of Caterpillar's latest G3520K generator sets and support equipment, the distributed generation system produces electricity and captures waste heat to power and cool next-generation, high-density server systems. The solution includes 1.1 gigawatt-hours of grid-forming battery energy storage, along with backup power generation served by diverse fuel sources. Thanks to Caterpillar's expanding U.S.-based manufacturing footprint, the full generation package can be delivered ahead of most other generation technologies. This speed-to-power advantage is crucial for meeting the rapid growth in demand for computing capacity.

Beyond the gensets, this fully integrated system includes controls, switchgear, inverters, energy storage solutions, CCHP, and more, providing a comprehensive power solution for the Joule data center and a competitive advantage

for Joule's tenants. Caterpillar and Wheeler will also provide service and support for the products and solutions, ensuring mission-critical levels of uptime and availability.

"This strategic alliance between Joule, Caterpillar, and Wheeler brings together world-class engineering, local expertise, and visionary energy design," said Bryan Campbell, CEO of Wheeler Machinery Co. "We're proud to help deliver a resilient solution ready to meet future compute demands and set a new standard for data center infrastructure."

Western Sports Park Signals "Game On!"
Farmington's Western Sports Park (WSP) celebrated both a ribbon-cutting and grand opening on consecutive days in September, as multiple mascots, hype teams, and other guests came to enjoy the festivities for a 120,000-SF expansion of the former Legacy Events Center campus.

Jessica Merrill, Tourism Director for Davis County, told the Standard-Examiner that the massive changes at the facility—transforming a former equestrian arena into a modern sports arena—came in response to Utah's growing demand for high-level sporting facilities.

"Western Sports Park is a sports tourism facility," she told reporter Rob Nielsen, mentioning how no property taxes were used to fund the project. "It was built with tourism dollars—tax revenue that was brought in to help generate more economic

impact for our area. We're excited to host large regional and national tournaments here."

While the WSP campus will host more than just balls and whistles, Merrill said facilities have "a sports-heavy focus as we look to capitalize on economic impact in our community."

Construction on the WSP began in 2020, with the original horse arena undergoing significant renovations as part of a duo of on-site arenas. That 45,000-SF facility will host sports, trade shows, and more. The second, 120,000-SF arena space holds upwards of nine basketball or volleyball courts built to high school standards. Additional features on the WSP campus include sports medicine, training, and team rooms; a grab-and-go concessions market; sensory rooms; a referee room and private lounge; and restroom and shower facilities.

Overall, the WSP campus spans 55 acres, featuring parking for 2,000 vehicles and a convenient drop-off and entrance plaza for athletes and their families. Outdoor fields comprise 17 of those acres, including six full-sized layouts for soccer, lacrosse, rugby, ultimate disc, and more. One of those six fields is the "championship field", with seating for 2,000 spectators.

J. Fisher Companies Celebrates a Multitude of Completed and Upcoming Projects
Centerville-based real estate developer and builder J. Fisher Companies has been busy



celebrating a recent groundbreaking in Salt Lake as well as a project completion in Ogden.

Construction has officially begun on 9th Note, a new affordable housing community near Salt Lake City's State Fairpark at 915 W. North Temple. The project, designed by Sandy-based Think Architecture, will feature five levels of residences totalling 110 modern apartments. Future residents will enjoy premium features, including a coworking space, a fully equipped fitness center, a stylish clubroom, and an inviting outdoor patio.

The new affordable housing is one of 17 projects that Salt Lake County is helping to fund through \$25 million in federal COVID-19 recovery funds, which are expected to add 1,500 units of affordable housing over the next few years.

The project replaces a used car lot and several one-story retail buildings, consolidating three parcels into a cohesive site in close proximity to the Jackson/Euclid TRAX station and Folsom Trail to support a transit-oriented design approach. The project includes 5,000 SF of street-level commercial space in the city's NOTE District—an area that has seen a massive influx of impressive multi-family projects in recent years.

In Ogden, J. Fisher Companies and others celebrated a recent ribbon-cutting for 25th & Quincy. The affordable, mixed-use project, designed by Salt Lake-based Tuttle and Associates, sits just a short walk from Ogden's downtown core and a few steps from the OGX bus rapid transit route. 25th & Quincy offers modern living in a prime location, containing 176 units across five levels, with units being split between one- and two-bedroom configurations for residents earning 60% AMI—\$50,640 per year for one person and \$72,300 for a family of four.

25th & Quincy is the first project delivered in Ogden's Capitol Square—nearly 10 acres of master planned development that promises a new grocery store, diverse housing options for all kinds of families, retail, restaurants, and a gorgeous linear park and plaza connecting it all. The complex contains two courtyards and a bevy of amenities. ■

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Retail Roundup – Heading Into The End of 2025

Retail is strong as ever in Utah, with high levels of growth instilling confidence in everyone as more projects move forward and new tenants enter the market.

By Chloe Cypers

There is a principle that real estate professionals repeat daily in regards to this market sector: retail will always follow and cater to residential growth.

Utah's retail real estate market in Q3 2025 is thriving, driven by robust population growth and in-migration. The state surpassed 3.5 million residents in 2024 and has added 50,000 new residents annually for a decade, which is insanely fast growth! This residential boom fuels retail demand, as new residents require grocery stores, entertainment, dining, and services close to their homes.

Market Dynamics and New Retail Developments

The influx of residents has spurred significant retail development, particularly in suburban areas like northern Utah County, where Saratoga Springs, Eagle Mountain, Lehi, and American Fork made up four of the top five cities in 2024 population growth.

High construction costs, however, have posed challenges across the state, inflating annual rents and build-out costs. But communication between developers, landlords, tenants, and brokers—always a good idea—is leading to collaborative efforts and a better pulse on the market. Each party is adapting, with some incorporating creative deal structures, such as substantial tenant improvement allowances (TIAs) and free rent periods spread across lease terms to make projects viable. These adjustments have become standard, allowing developers to better project rents and TIAs in their pro formas, which has helped to further stabilize the market.

Downtown Salt Lake City's retail vacancy rate has stabilized as developers continually refine their approach to

make these deals financially possible for tenants to lease. An average deal we are seeing downtown is in the mid-to-high \$20s psf with roughly \$80-\$100 psf in tenant improvements. Some landlords are exploring a tiered system in rents, rather than standard 2-3% escalations. They've done a good job of providing bumps to the base rental rate (usually a dollar amount, like \$1-5 psf) as a runway for tenants to get up and operating at The Post District. I think that helped to land a strong tenant mix – with Urban Hill, Melancholy, Trager, Sunday's Best, Level Crossing, BodyRok Pilates, and more.

Emerging Retailers and Consumer Trends

Utah's growing population and economic strength have attracted new-to-market retailers like Aritzia, Alo Yoga, Brandy Melville, BodyRok Pilates, First Watch, Magnolia Bakery, Sweetgreen, Solidcore, and more. These brands are actively scouting available sites, drawn by Utah's expanding consumer base and strong demographic trends. Retailers that have opened here are reporting robust sales, validating Utah as a viable market for multiple locations and new brands that may not have considered this as an option previously. Additionally, Utah's economic diversity—bolstered by tech giants like Adobe and Qualtrics in the Silicon Slopes and a thriving tourism sector in areas like Park City—further increases demand for trendy dining and boutique retail.

The consumer response has been enthusiastic, with grand openings creating significant buzz, reflecting a shift in consumer behavior toward experiential and lifestyle-driven retail. This aligns with broader 2025 trends emphasizing health-and-wellness-focused spaces, which resonate with Utah's young, active



demographic, particularly in hubs like Salt Lake City and Lehi.

Another growing trend comes from “retailtainment”—blending traditional shopping with entertainment to create immersive and memorable experiences that go beyond just selling products. The concept has transformed stores into destinations by using factors like interactive displays, events, food, and even art installations to engage shoppers' senses and emotions. This ultimately encourages more store visits, increases brand loyalty, and drives sales in a competitive market where online shopping has become the norm.

Retailers are also adapting to local preferences. Brands like North Italia are incorporating Utah-inspired designs into their build-outs, while 7Brew is tailoring menus to include family-friendly, non-coffee options to appeal to the state's large family-oriented demographic. The entry of new and emerging concepts, hot national brands, combined with Utah's vibrant community engagement, signals a transformative era for the state's retail real estate market.

Urban vs Suburban Markets

Suburban markets are seeing stronger retail demand due to rapid residential growth, with the majority of the state's growth happening in large suburban hubs like Lehi,

Draper, and St. George. Grocery-anchored centers, such as Station Park in Farmington and the newly developed Mountain View Village in Riverton, are thriving, with occupancy rates nearing 95% in prime suburban locations.

In contrast, urban areas, particularly downtown Salt Lake City, have faced challenges with higher vacancy rates than the suburbs. Downtown's overall retail vacancy peaked in late 2023 at roughly 150,000 SF—the same square footage as an average Costco—due to mandated mixed-use retail in new projects. However, these markets are stabilizing in 2025, with vacant square footage dropping to about 110,000 SF as developers adapt by offering flexible lease terms and targeting experiential tenants like escape rooms and boutique cafés.

Traffic patterns and consumer behavior underscore significant differences: suburban areas benefit from accessibility via major highways like I-15 and family-friendly amenities. Downtown areas, meanwhile, cater to urban professionals and tourists, with developments like The

Post District and City Creek attracting consumers seeking convenience, high-end retail, and experiences like live music, events, or pop-up markets.

Challenges and Opportunities

High construction costs remain a hurdle nationally, and Utah is no exception. While high costs have historically limited development, today's low vacancy rates and strong absorption indicate a tight market, creating opportunities for retailers and investors who can navigate these costs. Flexible lease terms and tenant diversification through targeting smaller, experiential retailers help mitigate risks from high costs and vacancies.

Utah's economic resilience, driven by tech, healthcare, and recreation industries, supports years of retail growth to come. The state's young, affluent demographic drives demand for unique retail experiences, from wellness studios to trendy dining. In-migration from high-cost states like California further boosts consumer spending power, making Utah an

attractive market for national brands.

In summary, Utah's retail real estate market in 2025 is dynamic, with population-driven demand, new-to-market retailers, and creative leasing strategies overcoming high construction costs. Suburban areas lead growth while downtown markets stabilize, offering opportunities for retailers to capitalize on Utah's evolving consumer landscape. ■

Chloe Cypers is a retail broker in Legend Commercial's Salt Lake City office, where she focuses on both tenant and landlord representation across Utah. Known for her creative approaches, market insight, and ability to balance details with strategy, Cypers represents a range of national and regional brands including Dunkin' Donuts, BodyRok Pilates, and Kids United, as well as owners and developers such as CRC Realty and Kensington Investment Company, helping shape the retail experience in both urban and suburban environments.

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Firms Making MOVES

Horrocks' acquisition of CRS bolsters its municipal expertise; Meridian undergoes ownership change; Higgins sells Mountain States Fence to employees.

By Brad Fullmer



It's not often Utah's shifting A/E/C landscape sees one firm acquire another that is more than 100 years old—119, to be precise, as Pleasant Grove-based Horrocks Engineers added Caldwell Richards Sorensen (CRS) Engineering & Survey in September 2024, bolstering the firm's infrastructure services and in-house expertise.

A year after merging 66 employees and three office locations (Salt Lake, Logan, and Vernal) into the Horrocks family, former CRS President/CEO Matt Hirst said it has been a seamless transition thus far, with the move ultimately offering greater long-term career opportunities for employees.

"It was a difficult decision, but it was the right thing to do," said Hirst, who took over in 2012 as the firm's fifth-generation leader, succeeding his father, Paul, who was President for 25 years from 1988-2012. At

the time of the acquisition, Hirst called it "an incredible milestone for our company, one that will unlock great potential for our teams in the years ahead."

Hirst said the genesis of this transaction began several years ago when Hirst served with former Horrocks President/CEO Russell Youd on the Executive Committee of the Utah Chapter of the American Consulting Engineers Council (ACEC Utah) from 2016-18 (Hirst was President in 2016). During an ACEC event in Washington, D.C., the pair went walking after an industry dinner, and the topic of joining forces first arose. After a couple of years of talks, Covid halted discussions, but by 2022, Hirst said "we looked at [joining] a little more seriously. The challenge for Horrocks was trying to get all shareholders behind a large capital investment—it's a hard task."



"We're going back to our roots a little bit," said Shane Marshall, Chief Revenue Officer for Horrocks. "We started as a municipal firm, but as we grew, it became more of a UDOT/transportation [focused] firm. CRS is more of a municipal firm with the same culture. When Matt was trying to figure out what to do with his company, coupled with how we were going to grow Horrocks, [the acquisition] just made sense. It was a good merger for both of us. It brought us skillsets and depth that we didn't have."

"We didn't 'need' to do this," added Hirst, "but I saw that we could make each other better, and factor in that we had partnered the past five years on a dozen projects and work well together. It just made a ton of sense."

A year prior to acquiring CRS, Horrocks joined Trilon Group, a collection of 13 companies focused on infrastructure design and engineering, with the ability to partner on projects regionally or nationally. While Horrocks is the largest engineering firm in Utah, it has around 1,000 employees in 27 offices in nine states. The firm earned \$165

million total in 2024 revenues—\$90 million in Utah—with those numbers projected to jump to \$200 million total and \$100 million in Utah in 2025.

Marshall said CRS brought considerable expertise in water and groundwater hydrology projects, along with heavy rail design, which he said is "highly unique." He noted that Horrocks is one of eight firms nationally able to design and get approved industrial development plans for Union Pacific. In addition, the firm offers "improved strength to alternative delivery, site/civil, and our overall water practice."

Hirst has also enjoyed his role as Sr. Vice President, Community Infrastructure Business Line Leader, which allows him to "learn and grow in my ability to manage and connect with people across a much larger region. I've joined a company with 27 offices, where we had three. It's been a great learning experience."

It also gives him more time to contribute his expertise as a member of the University of Utah's Department of Civil Engineering advisory board and also help educate the next generation of engineers.

"How can we keep this piece of society strong and vibrant?" Hirst poses. "That's what I want to do—teach and mentor younger engineers and help them find the fire and passion for what we do."

In addition to Hirst, other key former CRS people include: Mary Hargis, HR Director; Susan Cullen, Assistant Controller; Darren Eyre, Railroad Services Leader; Mark Chandler, Associate VP Water Leader; John Bale, Project Manager; Josh Prettyman, Utah Conveyance Practice Leader; Greg Nelson, Associate VP; Clint Allen, Associate Freight Rail Leader; Katie Jones, Hydraulics/Hydrology Practice Director; Max Pierce, Municipal Practice Director; Craig Nebeker, Vernal Manager.

A New Chapter for Meridian Engineering

It's a brave new world at South Jordan-based Meridian Engineering, Inc., which announced May 1 a new majority shareholder ownership group consisting of:



Meridian Engineering announced a new majority ownership group in May, including (left to right) Tyler Baron, Nichole Luthi, and Michael Nadeau.

- Michael Nadeau, President and Survey Division Leader
- Nichole L. Luthi, Vice President and Civil Engineering Division Leader
- Tyler Baron, Vice President and Right-of-Way Division Leader

They are joined by seven minority shareholders, representing the next generation of leadership at Meridian.

The new leaders replace the 28-year-old firm's three original founders: Darryl Fenn, President (moved into a part-time role in May); J. Randall Vickers, Vice President (moved into a part-time role in May); and Steven Johnson, Vice President (retired December 2024).

The move follows an 18-month transition process during which the founders carefully evaluated their options. While there was interest from larger firms looking to expand into Utah, they ultimately chose to pass ownership to leaders they trusted—individuals who would preserve Meridian's core values and continue operating under the Meridian name.

"There were definitely some challenges during the transition process—there are always challenges to overcome when you have the ideals and thoughts of the founding principals vs. new, fresh blood coming in," said Nadeau, who joined the firm in 2002. "In business, you can't have emotions—at times, that meant navigating the balance between long-standing friendships with the founders and the business realities of negotiation. Working through those moments ultimately

strengthened our mutual respect and commitment to Meridian's future."

"We had been working on the transition intently for over a year," said Baron, the longest-tenured Meridian employee outside the founders, having started in 1998. "When they mentioned they had other offers from outside, none of us wanted to work for a bigger company. We've talked for years about buying them out. When we met with a consultant, we knew we could work it out."

"I think (our offer) was in line with their original goals as a stand-alone legacy," said Luthi, who joined the firm in 2007. "We also want to remain a stand-alone firm and grow with intention, grow organically. We have a lot invested here. We're close as friends."

Meridian's expertise includes civil engineering, land surveying, and right-of-way design, among other areas. The firm has grown steadily over the past three years, with revenues of \$6.3 million in 2023, \$7.2 million in 2024, and a projected \$8 million this year. The firm holds civil engineering licenses in Utah, Idaho, Colorado, and Wyoming; as well as professional land surveyor licenses in those states, plus Nevada, New Mexico, and Arizona.

Revenues check in evenly between the three main divisions, with civil engineering (10 employees) bringing in 36% of revenues and survey/right-of-way (32 employees) account for the other 64%. There are currently 42 employees—a company high—with intentions of adding more, but with a long-term perspective of hiring people who prove a good cultural fit.

"Our plan is to keep that [10% annual growth] path," said Nadeau. "We're not the firm to hire people on big projects, just to lay them off when the project is done. That's not who we are. Our focus is on building a mentoring culture, where team members are continually training, supporting, and learning from one another so everyone grows together."

Luthi said relationships between departments are strong, with a focus on helping each other land new work and team up on various aspects of projects, such as >>

offering clients a full survey and site/civil package, for example.

“Civil tries to feed survey—we’re collaborative and work really well together that way,” she said.

“We want to grow and keep looking at ways to improve the culture here,” added Baron. “We want to keep the family-first atmosphere.”

Beyond work, the firm hosts an array of events and holiday parties annually, along with a monthly “shout-out” to highlight notable employee accomplishments, as well as monthly employee spotlights. Inclusivity is key, as is keeping employees in tune with the firm’s progress and profitability, with a focus on improving efficiencies.

“One of our mottos is more transparency,” said Luthi. “We want to make sure there is no hidden agenda.”

Public work accounts for much of the firm’s overall revenues, with the Utah Department of Transportation and various other state and municipal clientele (Utah DFCM, universities, counties, cities) providing a steady stream of work for both right-of-way and surveying departments, based on Meridian’s ability to produce top-shelf deliverables.

Luthi has found considerable success doing civil/sitework on K-12 education projects, a market for which she has a genuine passion, saying, “It’s very fulfilling to be a community builder.”

Ultimately, Meridian’s new leadership group is excited—and keenly optimistic—about the future. Nowhere to go but up.

“Honestly, we couldn’t be more excited about where we’re at,” Nadeau added. “We recognize the opportunity in front of us and we are committed to making the most of it.”

**Mountain States Fence
Taking the ESOP Path**

After several months of discussions about the future of his company, longtime Mountain States Fence President Rick Higgins sold his shares to his 40 employees—making it an ESOP (Employee Stock Ownership Plan) company—ensuring what he hopes is a seamless transition when he’s ready to step down from a role he’s held for 40 years.

“As long as I’m mentally and physically



Workers from Mountain States Fence at the start of a new day in September. The firm transitioned to an ESOP in April.



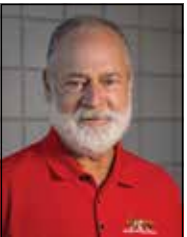
Rick Higgins



Jenkit Kobsuk



Andre Lopez



Bob Brown



Tyler Vass



Alycia Luna



Neil Keady

capable, I love the business,” said Higgins, 74, who took over the reins of the company in 1985 from his father, Dennis, founder of Mountain States Fence in 1963, when Higgins was in junior high. He anticipates working another 4-5 years—good health permitting. “Construction is the most amazing business—I just really enjoy it!”

The decision to sell the company didn’t come easily for Higgins, but not having children in the business—he insisted they pursue different careers based on his sometimes-challenging relationship with his father—meant the inevitable realization that someone else would eventually need to take over the reins.

“Rick is very generous, very unselfish,” said Jenkit Kobsuk, CFO, who has been at MSF for 21 years and was Higgins’ right-hand man in helping set up the ESOP. “He could sell the company to anyone and just walk away, but because of how he treats his employees, he wanted to give us the opportunity and thought we know better than anyone else how to run this business.”

“It’s amazing being a part owner, knowing that I’m part of something bigger,” said Alycia Luna, a 13-year veteran of the firm who oversees Purchasing. “We care about each other. We’re trying to learn what our roles are going forward.”

“I was glad to see it happen,” said Andre Lopez, an Estimator and Project Manager with 13 years of experience at MSF, saying he’s trying to educate the field workers

about the inherent benefits of the ESOP and how it will reward employees who stick with the firm long-term. It’s an excellent incentive to retain employees, he said.

“I bring it up to (field workers), like, ‘what are you doing as an owner of the company to make it better,’” said Lopez. “We’re educating employees, telling them to say something if they see safety concerns at a jobsite. People need to have confidence that they have a voice.”

“It’s easier to have a vested interest in the entire company and everyone’s success—that translates into real value,” added Tyler Vass, Project Manager/ Estimator and a nine-year veteran of the firm. “Our culture is great and fosters growth. I got lucky with this company.”

Higgins is confident the next generation of leadership will keep the ship headed in a positive direction.

“I want to be able to drive by and see how it’s doing in 5 years, I want to take care of them if I can,” Higgins said of his employees, who he considers family. “It’s a paternalistic notion, but they deserve it. At the time I made the (ESOP) decision, I was getting two calls a week to sell the company. I figured it was time to get the employees to understand that I was sincere about turning it over to them.”

Higgins added that employees need to grasp that this “is not just a gift, it’s a transfer of responsibility. They need to recognize that and act accordingly.” ■



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EMPOWERMENT



The Salt Lake Chapter of the National Association of Women in Construction (NAWIC) moves forward into another year with new directors and an emphasis on empowering women to empower others.

By Taylor Larsen



September 6 marked a special occasion as the NAWIC Salt Lake Chapter celebrated an impactful year during their annual installation banquet, including awards, a new board of directors, reinvigorated officers, and a theme of empowerment for this 2025/2026 program.

Goals Provide Guidance

NAWIC continues to grow as a national association as women in construction advance the industry and help create our built environment. Nationally, the group has over 6,000 members across 120 chapters. The Salt Lake Chapter includes 80

members who represent 49 companies across the state, spanning every level of the A/E/C and supporting industries.

For this new year, the Chapter selected a theme of “Full Circle: Empowered Women Empower Others” with goals to:

- **Enrich**—Create an atmosphere of belonging and support within the group, making positive impacts on each other’s lives.
- **Empower**—Empower members, co-workers, and everyone around the organization.
- **Engage**—Increase member involvement at events and continue to provide opportunities to members.
- **Educate**—Hold meetings that continue to improve member’s knowledge and sharpen their skills, explore new avenues and relevant topics to learn and grow together.
- **Elevate**—Increase the visibility of NAWIC’s value to the construction industry and the vital importance of women in construction for the sustainability and success of the industry.

New Board of Directors Elected

Six new members were installed to NAWIC Salt Lake’s Board of Directors to serve through 2025/2026.

Amanda Ivie

Area Manager
Honey Bucket

Arika Morris

Scheduler, Intern Director
Ames Construction

Emily Terrell

Sr. Payroll & Benefit Accountant
Okland Construction

Jennifer Stone

Director - Mission Critical
Big-D Construction

Puja Kurapathi

Project Engineer
Big-D Construction

Tricia Reich

Project Engineer
Layton Construction

The new board of directors represents five different roles, five companies, and decades of industry experience, showcasing the Chapter’s desire to elevate an array of perspectives and experiences within its new board. New directors spoke about empowerment, collaboration, and their future goals for the Salt Lake Chapter.

Arika Morris explained how fulfilling her various roles throughout her career will help meet the Chapter’s mission, showcasing the breadth and depth of empowerment in action.

“In my role [...] I look for ways to connect people’s day-to-day responsibilities with a bigger purpose,” she said. “I encourage team members and interns to see themselves not just as contributors, but as future leaders.”

Morris, a recently appointed adjunct professor for Utah Valley University’s (UVU) Construction Technology department, said the academic environment provides another opportunity to empower.

“In the classroom at UVU, I create space where students are encouraged to ask questions, challenge norms, and explore real-world applications. I aim to spark a passion for construction and show them how much value they can bring to the industry,” she said. “Empowerment, to me, means helping others see their potential and giving them the tools—and the encouragement—to go after it.”

Award Winners Celebrated

Karen Morganson was awarded the “Legacy of Excellence” for her past and present dedication to the industry. Morganson, who has retired after a memorable career at CCI Mechanical, was involved in NAWIC for her entire career. She spearheaded the introduction of the national Block Kids Building Program competition and recruited successful sponsorships and allies to the Salt Lake chapter.

Big-D Construction earned the “Safety Excellence Award” for the firm’s work to procure and equip female employees with properly fitted safety vests to help emphasize an employee-focused approach

to personal protective equipment and workplace safety.

Carlyn Chester, Okland Construction’s Sr. Project Safety Manager and Board Liaison for the Chapter, received the “Women in Construction Champion Award”. Chester is known as a strong leader who inspires and guides, playing a significant role in advocating for women in her company and helping to create opportunities for their advancement.

Chester’s efforts to build up membership in NAWIC, recruiting the second most members for the Pacific Southwest Region, earned her the association’s “Peak Performer Award”. She and others were instrumental in helping the Salt Lake chapter recruit the most new members into NAWIC and setting a high bar for the 11-chapter region.

A Year of Successful Partnerships and Collaboration

Beyond awards and burgeoning membership, those in attendance reflected on a monumental and impactful year. The Chapter engaged at all levels of the education spectrum in the state, from elementary school through the university level, to grow awareness for career opportunities available in the construction industry.

Efforts included:

- Holding a design drafting competition and award banquet for high school students across three districts.
- Facilitating the annual Block Kids Build Program competition at East Midvale Elementary.
- Awarding two scholarships (\$3,000 total) to Weber State University students.
- Presenting at Career Days for Brighton High School and East Midvale Elementary.
- Presenting to BYU’s Women in Construction Club.
- Participating in AGC of Utah’s We Build Utah Career Exploration & Job Fair at Utah Valley University.



“These efforts ensure that the next generation sees construction not only as a possibility, but as a pathway to success,” said Becky Robinson, NAWIC Vice President. “By engaging with students at every stage, from elementary school to university age, we’re showing them that construction is not only a viable career, but an exciting and rewarding one.”

At the industry level, NAWIC Salt Lake strengthened its presence by hosting events and meetings with a wide range of professional associations and organizations. Efforts included building strong networks with construction-focused groups such as AGC of Utah, the Utah Department of Professional Licensing (DOPL), and the Utah Safety Council, as well as women-focused organizations like CREW Utah, Professional Women in Building, and the Women’s Leadership Institute. The Chapter also proudly serves as a community partner for the Bolder Way Forward movement and the Utah Women & Leadership Project.

Robinson said that aligning with other groups and associations empowers members through expanded networks, additional resources, and more visibility.

“When we collaborate with construction-focused organizations, our members gain access to industry knowledge, professional development opportunities, and partnerships that strengthen their careers,” Robinson said. “By partnering with women-focused groups, we create a powerful support system that amplifies women’s voices, builds confidence, and opens doors to opportunities that may not have been accessible before.”

As more women enter the construction field through efforts from NAWIC and partner organizations, Robinson continued, “These partnerships show our members that they’re not navigating this industry alone and that they have a powerful community standing with them.” >>

Officers Ready for the Challenges Ahead

- President
Tonya Timothy
Pentalon Construction
- Vice President
Becky Robinson
Big-D Construction
- Secretary
Jennifer Montague
Comfort Systems USA
- Treasurer
Tiffany Dazley
Big-D Construction
- Parliamentarian
Kathy Bonnett
CCI Mechanical

Chapter President Calls for Action

For Chapter President Tonya Timothy, this second year at the helm will be another chance to move the strong group forward and build on the successes over not just last year, but since NAWIC Salt Lake’s initial charter in 1964.

Timothy relayed a story about her father, who helped countless people learn to water ski by preparing himself to be on the water, aligning the new water skier behind the boat, giving them instructions, encouraging them from close by—literally jumping into the water with them—before celebrating those successes once the boat came back to retrieve him and the new skier out of the lake. As he empowered new skiers with a commitment to being present and supportive, she said, NAWIC Salt Lake can do the same within the construction industry.

“Each of us in this room is a builder—not just of projects, but of careers, of teams, of families, of people, and of futures. We have all faced uncertainty, navigated

choppy waters, jumped into the deep end, face planted, experienced success, and stood tall. You all have unique experiences, knowledge and skills that can teach and empower others. Likewise, our Chapter is full of women willing to jump in the lake with you when you feel like you are drowning.”

She continued with a call to active engagement. “You are the lifeline to our Chapter. Just like my dad, we need each of you to jump in, participate, and share your skills. It’s our collective knowledge, our shared experience, and our mutual support that will retain our members and preserve the retention of women working in this industry. When our membership is strong, our Chapter is strong. When we empower one another, we all will rise.”■



The TCA’s International Tilt-Up Achievement Awards were established to honor projects that use site-cast tilt-up concrete to introduce new building types, advance industry technology and provide unique solutions to building programs. Winning entries illustrate the variety, beauty, and flexibility of tilt-up construction. The Young Automotive Group’s new class “A” corporate office building and warehouse received the highest award of excellence for the office category, for 2024. The building has over 150,000 SF with wall panels over 53 feet in height.

AE URBIA is a past recipient of both architect and engineer of the year from the TCA and are in the top 20 of the World’s Most Influential Tilt-up Professionals. AE URBIA has raised the bar for the design and engineering of tilt-up construction.





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www.horrocks.net



Processing the Passage of Time

The UC+D team reflects on the journey to 100 issues.

By Brad Fullmer

On September 22, my wife and I took in the first-ever concert at the new Ballpark at America First Square—the striking new home of the Salt Lake Bees and heart of the Downtown Daybreak development—the final show of British new waver Howard Jones’ 25-date tour celebrating the 40th anniversary of his landmark 1985 album Dream Into Action.

HoJo was one of my early favorite artists in high school, and at age 70, he’s still getting jiggy with it! He even brought The Killers’ front man Brandon Flowers onstage to help him sing two HoJo staples: No One is To Blame and Hide and Seek (major goosebumps).

I was at the original Dream Into Action concert June 10, 1985, at Park West two weeks after (barely) graduating high school—Jones even referenced the once venerable outdoor venue—along with a show at Saltair in the 90s where his parents

ran the merch table and sold 600 CDs!—and remarked how amazing it is to still be playing in the Beehive State 40 years later. I hadn’t seen him perform since that Park West gig; 40 years between HoJo concerts is crazy! And, I won’t lie, it was quite bizarre attending a concert where everyone in the crowd was over 50 (and truthfully, closer to 60-plus).

My point in trying to fathom (and humbly accept) the inevitable ticking of the clock coincides with this issue being UC+D’s 100th all-time—definitely a proud milestone for our team, one that reminds me how fleeting time is and how you’ve got to live in the moment and make every day count.

I took a quick peek at each of our issues—you can check out all 100 of them via our website (utahcdmag.com), which allows free access to every issue we’ve ever published since our debut in January 2013. Here are five that stand out:

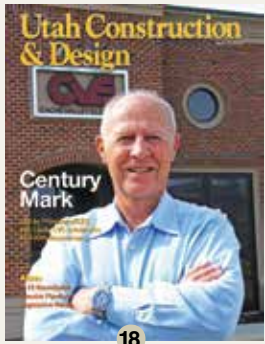
Issue No. 1—January 2013.

The cover story—“Billion Dollar Baby”—references the \$1.725 billion I-15 CORE project—a beefy, 10-page spread on UDOT’s first-ever billion-dollar project that ranks among the best stories we’ve ever published. Other highlights: —A Marketing Strategies column on company culture and branding from my dear friend, Chris Cook, who worked in Utah’s A/E/C industry for many years as a marketing professional. —An obituary for V. Jay Wadman, founder of Ogden-based Wadman Construction, who passed away January 5, 2013, at age 85, less than three weeks before the magazine was printed. Wadman Construction will celebrate its 75th anniversary in 2026. —Mountain States Fence’s 50th Anniversary. President Rick Higgins is one of my favorite people in the A/E/C industry. In April 2025, he sold his shares to his employees, making Mountain States Fence a true ESOP and ensuring a seamless transition when Higgins decides he’s ready to call it a career.



Issue No. 18—March/April 2015.

The cover—“Century Mark”—is graced by Jim Laub, former President/CEO of Cache Valley Electric, which was celebrating its 100th anniversary. I saw Jim at a CVE open house a few weeks after it was published, and he pulled me aside and said, “We’ve had a lot of articles written about our 100th anniversary. Yours was the best.” I almost cried. My Publisher’s Message photo during this period was rather brooding.



Issue No. 38—October 2017.

The cover story—“House of Healing”—featured the completion of Phase IV of Huntsman Cancer Institute, which included a face-to-face interview with none other than Jon M. Huntsman Sr., the absolute legend of legends, alongside his son, Paul, then-Publisher of the Salt Lake Tribune. It goes without saying that Jon M. Huntsman was the greatest person I’ve interviewed, given the astronomically high bar he set per his remarkable accomplishments. The fact that he gave little ‘ol UC+D a personal interview illustrates his commitment to finding a cure for cancer (someday!).

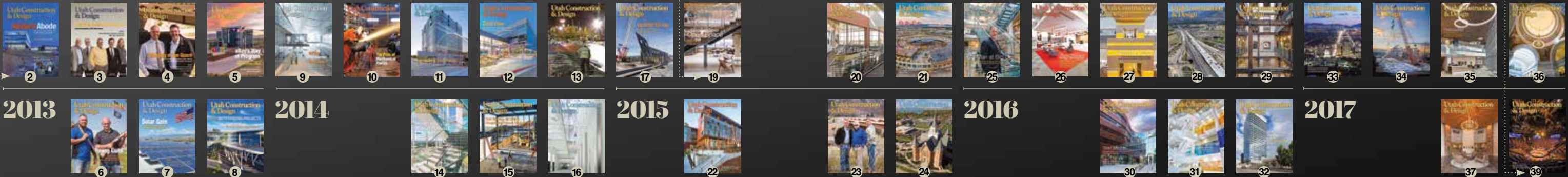


Issue No. 58—March/April 2020.

The cover features R&O Construction founder Orluff Opheikens—flanked by sons Slade and Chet—in front of R&O’s Ogden headquarters as the company marked its 40th anniversary. Interviews for the article occurred just a few weeks before the pandemic hit in mid-March, altering the A/E/C landscape and the way business was conducted for the next 18-plus months.

Issue No. 73—February 2022.

The cover—“Right Man for the Job”—features Rich Thorn, former President/CEO of the Associated General Contractors (AGC) of Utah, and highlights his 40-plus-year career leading the chapter. Rich was a major influence on my journalism career, dating back to my Intermountain Contractor days more than a quarter century ago, and was always a key go-to interview. I trust his golf game is as sharp as ever 2.5 years into retirement.



By Ladd Marshall

Writing my name on this byline is harder than it should be. It doesn't seem real, as I so often remain behind the scenes, helping shepherd each issue of *UC+D* across the metaphoric finish line. Each issue feels like a marathon, and completing 100 of them is almost like running across the country. If each issue is 26.1 miles of work, effort, sweat, and tears...that is a lot of miles. Putting that into perspective, it's equivalent to running from Salt Lake City to Key West, Florida—2,695 miles.

I will admit some stretches on that road that were not easy. To get to 100 issues, we had to run through Kansas. Nothing against Kansas, but if you have ever done that drive, you know what I mean. That being said, there have been

amazing people, projects, firms and relationships that have made the journey so worth it. They have acted as scenic overlooks, stunning vistas crossing the Rockies, or the hole-in-the-wall restaurant when you were famished that you will never forget.

Some of those unforgettable people that I want to give special thanks to are Alan Rindlisbacher and Jeff Scott. When Brad first approached me with the idea of a construction publication in 2012, I wanted to talk to some potential clients. He took me to Layton Construction, where we met with Alan and presented our plan. Alan enthusiastically said, "We're in!"

Jeff Scott, formerly with Intermountain Bobcat, signed a contract on the spot. His signature lit the fuse, transforming this

publication into what it is today. I am not sure what would have happened, or if I would have even been on board, without those two and their unquestioned loyalty and support for our publication—before we ever printed an issue! Thank you for your faith in Brad and me!

I also want to give a special shout-out to Jay Hartwell and Fara Asay. Jay was our graphic designer from 2013 to the latter part of 2023. He was at the heart of creating the style of our publication during that time and brought the stories to life within our pages. I am grateful for his work and patience with me and the marathon of each issue.

Fara began designing covers and helped with the 2023 rebrand by creating a new masthead and logos for our website and publication. She has been our designer for each issue since 2024. Her cheerful personality and ever-present creativity and style have elevated the publication to another level, for which I am grateful.

I also want to give a shout-out to my mom, who passed away early in 2021. She was my biggest cheerleader and loved coming to the awards event. She was in awe of all the great work done in Utah. Since my mom's passing, my Aunt Sally Joyce never fails to text me after each issue and say, "I just read the whole issue, it is so amazing. They just keep getting better!" Thanks for taking up that baton and cheering me on.

Countless others have made an impact along the way to 100 issues. Thanks to all of you for making the journey worth it. We made it through Kansas together :)

Here are four issues that are memorable and stand out to me:

Issue No. 40—December 2017.

This was the first issue that we ever did a perfect-bound cover, and we bumped the issue up to 100 pages. WOW! That first time was cool. The look, the feel of the magazine, and the thick cover were exciting. To top it off, it made the issue more of a showpiece to promote the Most Outstanding Projects for the year. It felt like a yearbook for the state's best projects—and that made me smile!

Issue No. 64—December 2020.

This issue acted as a "Eureka!" moment as I realized that, by bumping up the page count, we could make the issue much more enjoyable to read. With a few more pages, we could place large spread images throughout the issue like little visual gold nuggets that you would come upon as you looked through the issue. The amazing project photos were inspiring, and by giving them a larger canvas, they could tell their story better and show why they were the year's Most Outstanding Projects. It was so fun to sift through the photos and pick the two-page spread images to use!

Issue No. 81—February 2023.

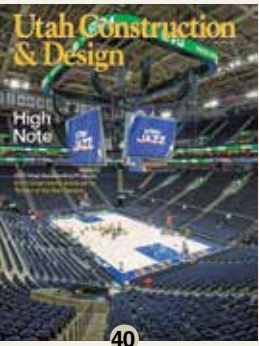
This issue was a milestone. We celebrated 10 years of publishing, we rebranded, and, for once, we made the cover into something that was just about us. It felt good to plant our flag in the ground and say, "Here is the collective work we have done." It was also cool how the cover came together perfectly—9 X 9—with the last small image a picture of the cover within the cover. A little M.C. Escher-esque and fun!

Issue No. 95—December 2024.

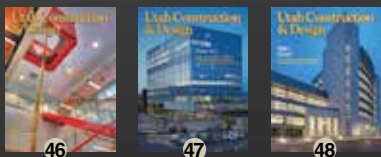
For this issue, we used the Scodix printer at Hudson Printing to do a special three pass cover, where each sheet was fed into the Hudson's machines three times, with two times for a UV coating over the glass area on the cover. The second pass on the horizontal parts of the façade gives it a texture and feel that people naturally want to touch when they look at it. We also did a gold foil masthead and coverline text that really "POP!" On top of that, we did our first fold out between pages 34 and 35 that turned out great. pecial shout-out to all the great project teams, Hudson Printing, and Dana Sohm (photographer for the fold out image) who helped make the issue a showstopper.



UC+D's current staff, photographed at last year's Most Outstanding Projects event (left to right): Fara Asay, Graphic Designer, Taylor Larsen, Editor/Writer, Brad Fullmer, Publisher, Ladd Marshall, GM/Sales Director. (photo by Dana Sohm)



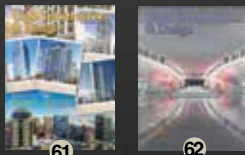
2018



2019



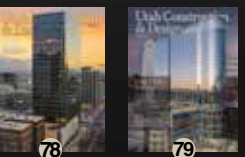
2020



2021



2022



By Taylor Larsen

My only construction experience to this day is prefabricating wooden door and window frames for Habitat for Humanity as a 16-year-old in Oklahoma. I wasn’t much of a builder, but I remember seeing the house I “helped” build, and feeling immensely proud of my part in it.

If you had told that kid, freckle-faced and lanky, that he was going to be a writer by the time he turned 30, he would have been ecstatic. A career in writing was always the dream.

I feel blessed and incredibly grateful, since writing for UC+D was a shot in the dark after an early career as a case manager working with homeless folks in Salt Lake County. I owe a special debt of gratitude to Beth Fillerup-Roques, who gave me freelance work for A/E/C clients and then connected me with the ultimate champion of our industry, Brad Fullmer, in fall 2019. She told me, I should reach out to Brad because, “He runs a construction magazine.”

Not even 29-year-old me knew that construction magazines existed, let alone how writing for one would lead me to a passion for urbanism, architecture, construction, city planning, and more. I’m deeply grateful for the hundreds of people who have allowed me to be a part of these marvelous works and wonders. Thank you for supporting me, Brad, Ladd, and Fara—shout-out to her breathtaking works of art that grace each page! And thank you to the many who shared their creativity with us over the years.

With that, here are some of my favorite issues and stories from UC+D:

Issue No. 57—February 2020.

I think of myself as a charismatic guy capable of talking myself into and out of situations where I’m not prepared. I was going to write our cover story on Hardware Village—“It Takes a Village”—but five minutes into an interview with Doug Thimm from Architectural Nexus, I knew I had to change my ways. We sat in the firm’s conference room to chat about the project, and I’m certain Doug realized I was clueless about it. He asked, “Do you know where it is?” Pride wounded, I said, “No.” Instead of checking out of the interview because I had not bothered to prepare, Doug invited me to drive over and tour it with him right then and there.



57



60



95

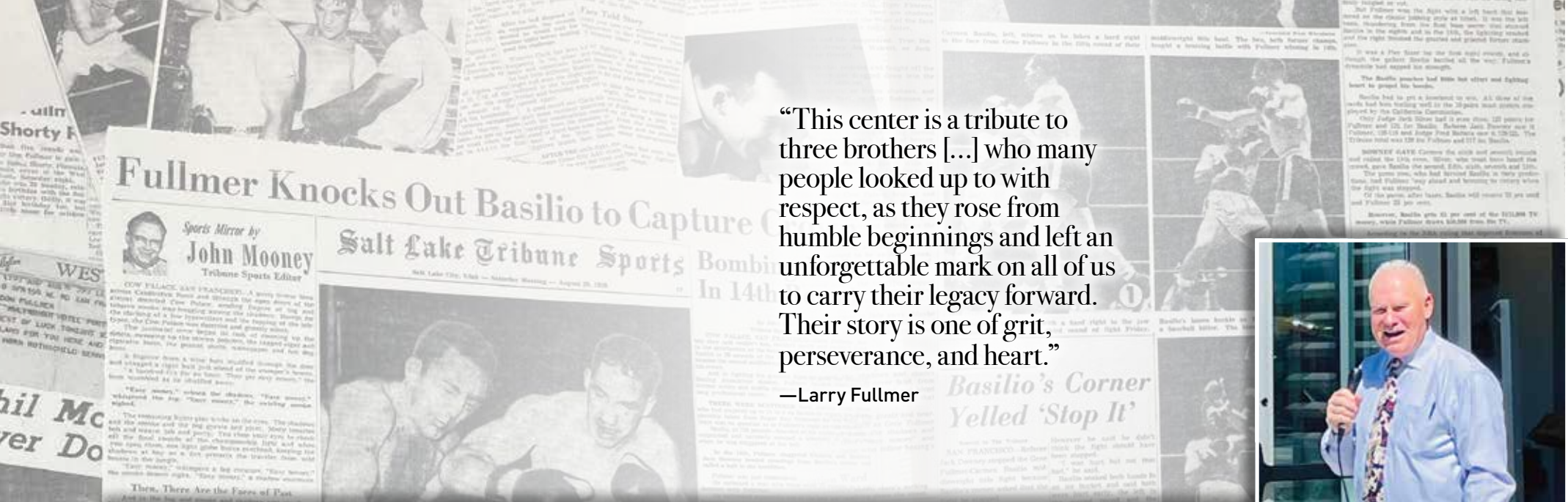
Issue No. 60—June/July 2020.

This issue is a career highlight for multiple reasons, most importantly for the opportunity to feature W. Gary Sandberg, Chairman at Granite Mill. I credit Gary with being such a stellar conversationalist, even teasing a bit about my Danish heritage (he has both Swedish and Danish roots) as we chatted about family legacy, love and loss, and “Snickarens glädje”—the joy of the carpenter. The resulting article—“A Legacy Etched in Wood”—remains my all-time favorite.

Issue No. 95—December 2024.

After rejoining UC+D in summer 2024 after a year away—third time’s the charm, right?—I was happy to be back “living the dream”. Ladd had been talking up the 2024 Most Outstanding Projects issue for months after a stellar 2023 version. “We’re gonna do 148 pages!” he said. “What about a centerfold? Let’s do a golden foil on the masthead!” He was a man possessed! But once that tome of an issue came off the press, I was blown away. Seeing and feeling that jaw-dropping cover—the golden hologram masthead and main coverline; the majestic Astra Tower in double-pass UV coating for a glossy, textured feel—made me incredibly proud to be part of UC+D again.





“This center is a tribute to three brothers [...] who many people looked up to with respect, as they rose from humble beginnings and left an unforgettable mark on all of us to carry their legacy forward. Their story is one of grit, perseverance, and heart.”

—Larry Fullmer



IT'S A KNOCKOUT!

The new \$7 million Fullmer Legacy Center in South Jordan is a dynamic new permanent home for the long-time boxing gym founded by brothers Gene, Jay, and Don Fullmer.

By Brad Fullmer

On January 2, 1957, Gene Fullmer, a scrappy, underdog fighter from West Jordan stunned the boxing world with a 15-round unanimous decision over the legendary Sugar Ray Robinson at New York’s famed Madison Square Garden. Fullmer captured the world middleweight championship and established himself as one of the best pound-for-pound boxers during the late 50s and early 60s.

Since then, the Fullmer name has been synonymous with boxing in Utah, with brothers Gene, Jay, and Don establishing the Fullmer Brothers Boxing Gym in 1978, and offering free boxing instruction and life mentoring to thousands of youths—carrying on a tradition they learned from their trainer, Marv Jensen.

Their legacy of community giving will live on in the new Fullmer Legacy Center in South Jordan, a 16,500-SF facility that will serve as a permanent home to the boxing gym—after years of bouncing around to various temporary facilities—along with a museum, snack bar, and gift shop.

“The Fullmers are the first family of boxing in the state of Utah—that’s well understood,” said Dave Butterfield, a founding board member of the Fullmer Legacy Foundation. Butterfield served as Chairman of the Board from June 2016 to early 2025 and was influential in helping raise money—nearly \$6 million via donations to date, which includes \$2 million from the Utah Legislature.

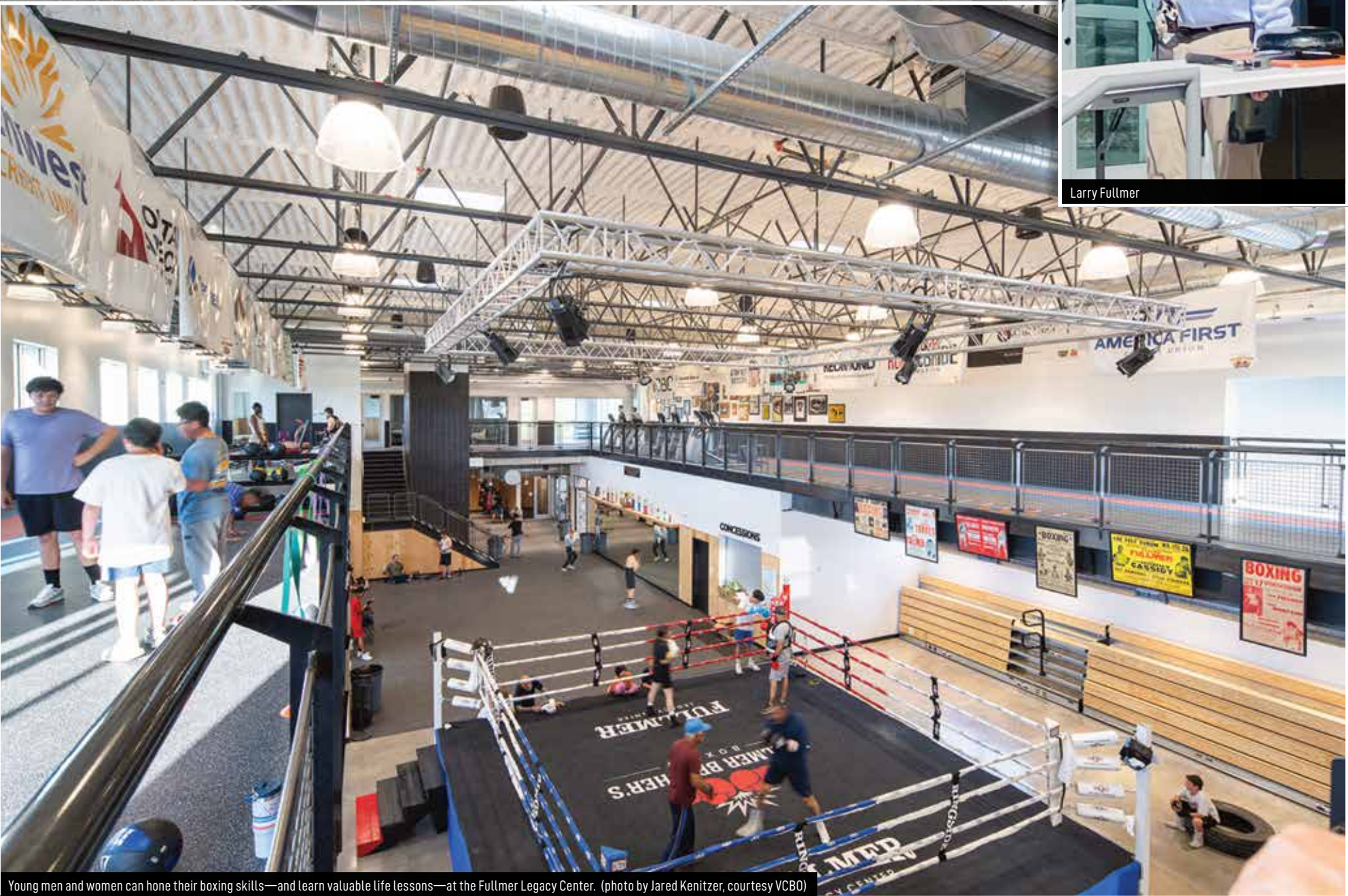
Project Driven by Vision to Find a Permanent Home for Fullmer Brothers Gym

It was Jay Fullmer who led the charge to teach boxing in the community. By 1978, the Fullmer Brothers Boxing Gym had formally opened at the Butterfield farm chicken coop in South Jordan, recalled Larry Fullmer, Don’s oldest son and the man who spearheaded the efforts for the Fullmer Legacy Center.

From there, Larry said the facility moved to Riverton Elementary, an old church house in West Jordan, a sugar factory, a former fire station, and the Salt Lake County Equestrian Park in South Jordan, where it had resided since 2011. When they got word that Salt Lake County planned to transfer ownership of the park to Utah State University, Fullmer knew they needed to find a long-term home for the boxing gym.

Fullmer met with Butterfield and Robert Behunin—who at the time was a Vice President with Utah State University—in 2016 and told them he just wanted a “tin shed of our own” for boxing. Behunin countered by saying, “If you want people to donate money, you need something better than a tin shed!” They quickly formed the Fullmer Legacy Foundation (FLF), and by 2018, the wheels were in motion on a building.

Doc Murdock, a long-time trainer at the gym, connected Larry with his former »



Young men and women can hone their boxing skills—and learn valuable life lessons—at the Fullmer Legacy Center. (photo by Jared Kenitzer, courtesy VCBO)



roommate at Brigham Young University, Vern Latham, who is a Principal at Salt Lake-based VCBO Architecture. VCBO offered pro-bono services initially while helping FLF put together an RFP, while North Salt-based Gramoll Construction provided value engineering and other services in an effort to get the project launched.

Larry expressed sheer gratitude for the contributions of both firms in helping make the project a reality, especially for many generous donations from various

foundations and individuals.

“[VCBO] believed in us early on and did our first phase of planning at no charge—they have been amazing and so professional to work with,” said Larry. “Gramoll helped us get the budget done as tight as it could be. This project had the absolute tightest budget. We met weekly with architects and the general contractor to see the progress—I’ve never seen such an amazing process. Construction started in November ’23, and every time I would

come to the jobsite in the first six months, I’d get emotional.”

“We leaned on our relationships with contractors for flooring, ceiling, tiles, donated furniture and got deep discounts and a lot of in-kind donations,” said Phil Haderlie, Principal-in-Charge for VCBO. “To me, the story of this project is the grassroots effort of people seeing the value—this is something that came from their heart. It will have a long-lasting impact on the community.”

Way More than Just a Boxing Gym

The 16,500-SF, two-level building packs a punch aesthetically and functionally on a 1.5-acre site within the South Jordan Sports Complex. It is light-years beyond anything Larry Fullmer could have envisioned when his desire for a new boxing gym took shape a decade ago.

“My brothers and I were born with the family name—we felt like we had to carry on the legacy,” said Larry, with the insistence that the gym welcome boxers,



Take a trip down memory lane in the FLC museum, replete with loads of great boxing memorabilia, including the boxing robes of the Fightin' Fullmer Brothers. (photo by Jared Kenitzer, courtesy VCBO)

as it always has, free of charge. He relayed a story about a boxer named Milo, who rose up from a difficult environment and changed his life because of the Fullmer’s gym.

“He has his own boxing gym, a family, and a home,” said Fullmer. “That’s why we do it.”

In addition to a state-of-the-art competition boxing ring and seating, the facility sports top-notch locker rooms and training equipment, including heavy bags, speed bags, weights, etc.

The Fullmer Hall of Fame Museum is a space for visitors to connect with the past via memorabilia, photos, and old newspaper clippings, with Larry’s brother, Brad, saying they found more than 900 articles related to the trio’s boxing exploits, many of them Gene’s.

Gene was the most prolific of the trio—a two-time world middleweight champ known for his brawling style, compiling an impressive 55-6-3 record with 24 knockouts. Jay was a promising welterweight (and later a respected boxing referee) with a 20-5-2 record, before being forced to retire due to an eye condition that could have compromised his eyesight. Don was a top 10 middleweight contender who won the first world junior light heavyweight title in 1967 and had a record of 54-20-5.

Ken Romney, Project Manager for Gramoll Construction, said his team looked for ways to maximize efficiencies and keep the budget in check throughout the project.

“When you’re working on a project funded with donated money, you try and make it economical at every level, while not sacrificing quality,” said Romney, “I think we did a great job achieving that. It was a fun

project to work on. I didn’t realize how big the Fullmer family is and how strong they are in this community.”

“It’s unique,” added Jim Gramoll, CEO of Gramoll Construction. “The Fullmers are such a Utah legacy. Having something here representing what those guys brought to the state is fantastic.”

At the ribbon cutting on May 2, Larry was overwhelmed at the turnout and shared how genuinely grateful he’s been for the vast number of people who contributed to the project’s success.

“This is a very special day for me and my family, and everyone who believed in the vision behind the Fullmer Legacy Center,” said Larry. “For a long time, we dreamed of having our own building that could carry forward the spirit of the Fullmer brothers. A place where young people could develop strength and confidence, where families could gather, where stories and heritage could be preserved, and the values of hard work, resilience, and character could be passed on.

“This center is a tribute to three brothers—Uncle Gene, Uncle Jay, and my dad, Don,” he continued. “Three men who were my idols, and who many people looked up to with respect, as they rose from humble beginnings and left an unforgettable mark on all of us to carry their legacy forward. Their story is one of grit, perseverance, and heart.”

Larry added that the brothers, “are likely looking down and saying, ‘Why are you doing this? It’s crazy!’ When you’re watching the kids working out, and they come up and say, ‘Thank you’, that’s all you need.” ■

Fullmer Legacy Center

Location: South Jordan
Start/Completion: February 2024/April 2025
Cost: \$6.5 million
Delivery Method: CM/GC
Stories/Levels: 2
Square Footage: 16,500
Owner: Fullmer Legacy Foundation
Owner’s Rep: Larry Fullmer

Design Team
Architect: VCBO Architecture
Civil: Meridian Engineering
Electrical: Envision Engineering
Mechanical: Resolut
Structural: BHB Structural
Interior Design: VCBO Architecture
Landscape Architect: ArcSitio

Construction Team
General Contractor: Gramoll Construction
Concrete: Gold Stone Concrete Corp.
Plumbing: Archer Mechanical
HVAC: Archer Mechanical; Deseret Mechanical
Electrical: Wasatch Electric
Masonry: McQueen Masonry
Masonry Rebar: Boman & Kemp Manufacturing
Drywall: Tripple T Construction & Sons
Painting: Sanford’s Painting & Decorating
Tile/Stone: Westech Tile
Millwork: Legacy Mill & Cabinet
Flooring: CP Build
Roofing: Heritage Roofing
Glazing/Curtain Wall: Faus Glass
Waterproofing/Air Barrier: Western States Waterproofing
Steel Fabrication/Erection: Northwest Welding & Mechanical
Excavation: Wind River Excavation
Landscaping: Utah West Landscape
Bleachers: Norcon Industries Inc.
Concrete Floor Sealing: Drake Custom Coatings
Insulation/Spray Acoustical Foam: USI Superior
Fireproofing: H&H Fireproofing, Inc.
Doors: Bedier Construction
Skylights: Alder’s
Lockers: Architectural Building Supply
Wall & Corner Protection Supply: Wallprotex
Signage: Allotech
Roller Window Shades: Colton Inc.
SWPPP: Erosion Control Services
Asphalt Paving: Black Forest Paving



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The (EPI)CENTER OF IT ALL

The U of U's Impact & Prosperity Epicenter is the newest living learning community on its campus to show the ripple effects of design and construction on student outcomes and engagement.

By Taylor Larsen

Nested in the middle of the University of Utah (U of U) campus sits the aptly-named Impact & Prosperity Epicenter, the second living learning community (LLC) project designed on campus by Los Angeles-based Yazdani Studio of CannonDesign.

After nearly a decade since their first LLC project, the award-winning Lassonde Studios (*UC+D's* 2016 Most Outstanding Public Building over \$10 million), Mehrdad Yazdani, the design firm's Principal and Studio Director, said their work on a sequel was an exciting prospect for the firm, and enlisted Salt Lake-based MHTN Architects and Okland Construction to serve as the respective local architect and general contractor.

Today, the Epicenter serves as a striking piece of architecture and construction, one whose curvilinear shape asks users and visitors plenty of questions. But moving from idea to execution has been a work in progress.

One query from Yazdani stood out as it relates to students and the built environment, and helped begin the journey to create the Epicenter: "How does your living environment as a student impact your success as a student and as a changemaker?"

A Project for an Evolving Campus

Katie Macc, CEO of the Sorenson Impact Institute, said LLCs like the Epicenter and Lassonde Studios next door have been massive steps forward in advancing entrepreneurship and social impact. But both play a major role in creating "college town magic"—a phrase coined by University President Taylor Randall that invokes a vibrant campus where students can find community and have one-of-a-kind experiences.

With more on-campus student housing in the works, the state's flagship university is hoping to shed the "commuter school" label and deliver a level of desirability that matches the resources students commit to higher education.

"There is some soul searching going on across university campuses," said Macc of the challenge at hand. "We have to be convincing that going to college matters."

She said overall university enrollments across the nation are decreasing as students grapple with tuition costs, COVID and its isolating aftershocks, and a different perspective on higher education.

Universities are no longer a place where students come to learn what they couldn't learn elsewhere—remote learning and the internet have opened a fissure in>>

"I believe that architecture needs to functionally engage its occupants, [and also] engage the public and users. Even if you're not using the building, I still want the building to engage in dialogue with you."

—Mehrdad Yazdani



that idea that will never close. Instead of that educational transaction, being at a university must include building community and creating in-person experiences only available on campus.

Macc said that the Epicenter helps steer the campus experience toward the future, with design goals to create a base of operations for two changemaking organizations and a living and learning home for 778 students.

The three-story commercial portion of the building, known as the “Changemaker Pavilion”, includes office space for The Center for Business, Health, and Prosperity (second floor) and the Sorenson Impact Institute (third floor). While each organization has a different focus, both are firmly invested in helping students access and create the resources needed to change the world. Each entity works hand-in-hand as owners of the Epicenter to host events and “create a full spectrum of ways for students to get involved,” said Chad Salvatore, Chief Financial Officer for the Sorenson Impact Institute.

“We’re dialing in the programming to energize the student body,” said Salvatore of the work done at the Epicenter. With over 60 majors represented among the 778 students who live there, he said that the diversity of students is less a reflection of their chosen major and more a desire to reside in a space built for students to work

their entrepreneurial muscles.

“Living here is a mindset—you can engage across many different paths you choose.”

Impactful Housing

The Epicenter’s student housing component is a key part of that framework. The unit layout is identical across each of the six residential floors. Rooms for the 778 students all come with a window to look out to the world before them, and range in type from traditional dorm-style single and double rooms, apartments with 4-8 rooms with a full kitchen and living room, and unique end-cap communities.

The end-cap communities are a fresh take on the novel approach from Lassonde Studios, with 20 bedrooms that hug the building’s eye-catching curvature. Bedroom doors exit out to an inviting community room with prep kitchen, comfy furniture, TVs, and a living room window where residents can look out to campus, the nearby foothills, or across the cityscape.

Of the 11 total end-cap communities, four are titled and themed—Impact Capital, Interfaith, Global Health, and Health Innovation—which Salvatore said exposes students in these themed communities to different types of impact and allows them to live amongst others with a shared area of passion.

Just before leading the Impact Capital



Community’s first meeting after move-in week, Salvatore said, “I had prepared myself to encounter a group of students who were still in the awkward phase of meeting so many new people, still in the first-day jitters.”

But credit to the built environment in the Epicenter, he said, “Everyone had been interacting with each other in their end-cap for a full week and had already formed a community. They all knew each other and were eager and ready to go.”

Forum at the Center

According to Yazdani, numerous discussions amongst the project team revolved around how to create something that would be more than the sum of its parts—two centers and a bunch of housing. In one of the brainstorming sessions, one U of U administrator remarked, “You’re creating a watering hole,” where those with a common cause can build on ideas and create enterprises, organizations, and impact capable of solving global challenges.

Those early discussions resulted in the design and construction of the ground-level forum, which provides a massive collaboration space for students and changemakers across campus.

“The steps down into the forum are to reinforce that the building is a gathering place or watering hole for ideas,” said Zach Lewis, Project Director for Okland

Construction. Students can learn and engage, from the concrete stair or across the forum, with programming and experts from both on-site organizations.

The nearly 12,000-SF forum feels even bigger and more inviting with the massive curtain wall surrounding it. The glazing feature, installed by North Salt Lake-based Mollerup Glass Company, daylights the space and shines on a unique feature in the polished concrete floor.

“The joint layout of the floor is concentric circles, communicating that the building is the epicenter of student impact on the rest of the world,” said Lewis. “The ceiling also mirrors this circle design and is a cool detail that mirrors the vision for the organization.”

The forum has been the hotspot for a wide variety of activities since the Epicenter opened. In year one, the area hosted 60-plus events, hundreds of office meetups, and plenty of “Ask an Expert” case-study sessions for students. Salvatore said 70-plus events are scheduled for this fall semester—keynote speakers, yoga and wellness, an art convening on the different perspectives on climate change—with more to come.

The forum includes a café and to-go

food options, along with a varied furniture palette for the dozens of small gathering areas, as well as a training room, phone booth rooms, and the entrance to the three-story Changemaker Pavilion.

Yazdani mentioned how the forum serves as a key circulation element for students.

“You must go through the forum to get to your room,” he said, mentioning how it was intentional in building this sense of community so desired by students. “There are no backdoors where students could slip in and out of the building.”

By daylighting the area and using durable materials, furniture, and finishes, this key part of the Epicenter can be embraced and utilized to its fullest extent.

Learning Curve

The real gem of the Epicenter is the curvature and materials of the building—majestic masonry, eclectic ribbon window locations, and an inviting ground-floor curtain wall that give the Epicenter a sleek, modern look.

The choice to use a brick masonry as one of two façade materials, Yazdani said, was a result of volatile material prices brought about by the pandemic. Efforts

to value engineer a solution helped hit a moving target and brought in the dark grey brick at ground level before the color changes to a buff tan brick as the building rises.

The curvature, Yazdani said, was critical in creating different vantage points and engaging the community around it.

“I believe that architecture needs to functionally engage its occupants, [and also] engage the public and users,” he said. “Even if you’re not using the building, I still want the building to engage in dialogue with you.”

“Not everyone has to like it,” Yazdani said. “Like a great piece of art—we can love it or we can hate it. But if you ignore it? That’s a failure of the art, and in our case, the architecture. Too often we drive by buildings that don’t earn a second look.”

The Epicenter is engaging and visually intriguing, but building something so striking and curvilinear posed its own set of complications to the construction team.

“There is a reason that humans have built squares and rectangles forever—they are easier,” said Lewis. The Epicenter, on the other hand, “It was not easy. It required a lot of coordination and attention to detail.”

The Okland team responded to the challenge by ensuring high levels of quality and craftsmanship on all the radiused corners of the building. In the most extreme locations for sun angle and radius, construction teams created multiple mockups to avoid making a dragon scale effect in the masonry and deliver a seamless final build. The solution involved a thin brick design that allowed the team to create a beautiful curvature and provide full integrity to the building envelope.

“Nicolson Construction was an awesome partner to make sure we maintained that standard everywhere,” Lewis said, mentioning how the extra coordination and effort from their masonry trade partner paid off as the final product is “so much more than a nondescript box.”

Coordination to Deliver Some Campus Magic

Building in the “soul” of campus posed its own set of challenges. Lewis said that >>



The first ever living learning community at the U, Lassonde Studios, is visible on the left while the second such community, the Impact & Prosperity Epicenter, is seen in the distance.



construction teams were in constant communication with those in surrounding buildings and the U of U to ensure construction did not impact events. Lewis and the Okland team scheduled major deliveries around student breaks.

“Canceling work around games and graduation was not always the most efficient way to work,” said Lewis, “but it helped maintain the campus experience.”

With a campus experience further

edified with a stellar new build, Yazdani answered his original question: “The built environment has a direct impact on student success if you plan it and design it accordingly.”

The “college town magic” is coming together in what U of U officials call the soul of the campus. Whether this magic is wizardry or the result of the built environment, it’s working, and it’s coming from the Epicenter. ■



“The built environment has a direct impact on student success if you plan it and design it accordingly.”

— Mehrdad Yazdani

**The University of Utah
Impact & Prosperity Epicenter**

Location: Salt Lake City, Utah

Cost: \$130M

Delivery Method: CM/GC

Square Feet: 284,000

Levels/Stories: 7

Project Team

Owner: Utah DFCM and University of Utah

Owner’s Rep: Lori Kaczka

Developer: Sorenson Impact Institute; The Center for Business, Health, and Prosperity

Design Team

Designer: Yazdani Studio

Architect: MHTN Architects

Civil: Psomas

Electrical: Envision Engineering

Mechanical: WHW Engineering

Structural: BHB Structural

Geotech: Applied Geotech (AGEC)

Landscape: MHTN Architects

Construction Team

General Contractor: Okland Construction

Concrete: Okland Construction

Plumbing: Archer Mechanical

HVAC: B2 Air Systems

Electrical: Taylor Electric

Masonry: Nicolson Construction

Drywall/Acoustics: CSI Drywall, Inc.

Painting: Pacific Painting & Wallcovering LLC

Tile/Stone: Millcreek Tile & Stone

Carpentry: Boswell Wasatch

Flooring: Commercial Flooring

Roofing: Utah Tile & Roofing, Inc.

Glass/Curtain Wall: Mollerup Glass Company

Waterproofing: Guaranteed Waterproofing

Steel Fabrication: Sanpete Steel

Steel Erection: Unlimited Steel

Excavation: Green Construction/BHI

Landscaping: Complete Landscapes, LLC



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Black Desert OASIS



A spectacular view of Black Desert Resort's inviting pool (above) captures the majesty of the surrounding desert landscape. (pictured) The main resort center is the first major construction development on the 600-acre site, with more exciting projects planned for the future.

Black Desert Resort is the single most exciting development to hit Southern Utah, a staggering \$2 billion investment by Reef Capital Partners that will make one of the finest destination resorts in the Southwest U.S.

By Brad Fullmer; Photos by Dana Sohm, Sohm Photogrfx

When Lehi-based Reef Capital Partners (Reef) initially announced plans in 2018 to build a sprawling, estimated \$2 billion mega-resort with a championship-caliber golf course on 600 acres covering parts of Ivins and Santa Clara—small towns with just over 15,000 combined residents at the time—it

was difficult to fathom what a project of that magnitude might look like. Fast forward seven years, and Black Desert Resort is indeed a shining oasis amidst Southern Utah's famed red rock cliffs, sitting atop an ancient lava field, with buildings strategically carved into the land to produce a resort unlike anything else.

"This is the biggest project we've ever done—we feel really good where we are," said Brett Boren, President of Real Estate for Reef, acknowledging the general completion of the \$290 million, 806,000-SF resort center, along with significant ongoing work—including a 1,250-stall parking garage, condominiums, and a private water park.>>



The back of the hotel is highlighted by this great water feature, with a striking sandstone mountain in the distance. The pond is stocked with Virgin River Chub, an experiment aimed to help the endangered species breed. (below) This large decorative wall offers a unique hotel design element, with red light accents against a black lava rock facade.



As of September, all aspects of the main resort center were open and fully complete, with the hotel celebrating its first official year in business after partially opening in September 2024 as it hosted the inaugural PGA Black Desert Championship October 10-13. The second installment of the tournament—now dubbed the Bank of Utah Championship—is slated for October 23-26, with a third tournament signed for 2026.

Hitting Major Milestones Critical to Keeping Complex Project Schedule on Track

In creating the golf course, crews used dynamite to blast through thick beds of basalt lava to build on a design concept where the course seamlessly weaves its way through the rocky terrain. In terms of the world-class amenities at Black Desert Resort, the star is unquestionably the Tom Weiskopf-designed championship golf course that has hosted both PGA and LPGA events, with future tournaments on the calendar through 2027 and 2029, respectively. With the stark contrast between the lush green grass and black

lava, it's almost like playing on another planet—and if you're a weekend hacker seeking the ultimate challenge for your 100-plus handicap skills, bring a bag full of golf balls as the course readily devours wayward shots.

Getting the resort ready to host that first PGA tournament last October—a year earlier than expected—offered myriad challenges for Lehi-based general contractor SIRQ Construction, according to Brandon Burnett, Sr. Project Manager, and Tyler Ames, Project Manager, two of SIRQ's four primary PMs manning the complex resort center, which consists of five main buildings, listed A through E.

The first major milestone, according to Burnett, was getting more than 45,000 CY of structural concrete poured, perhaps the riskiest aspect of the project and the key to keeping the entire schedule on track. Burnett said Ohio-based Baker Construction, the structural concrete subcontractor, did a good job staying on point.

"Getting the structural concrete done was a big deal; [Baker Construction] could



Spectacular view of the resort center looking northeast, nicely showcasing the native desert landscaping.

push a schedule and hit dates," said Burnett.

The second major milestone was preparing to open Building C, which houses the Pro Shop and 20th Hole Sports Bar—a hot button for the owner, given that the golf course had opened to the public in May 2023.

Getting Black Desert Resort ready to host that first PGA tournament last October was a Herculean effort by the project team and a testament to the project's execution.

Burnett said it was an important milestone—reached in spring 2024—because it allowed SIRQ "to get a feel for what to expect with the rest of the project."

The construction team made a major push from June through October last year to get the hotel functioning for the PGA event, with crews on other buildings brought

aboard for the final push.

"A year ago, we were in complete scramble-mode, working long days to get it ready," said Burnett. "In June of last year, I was more panicked than in September. After we got through June, we realized we could get there—everyone felt confident we could get it open. A lot of people were shocked at what we could pull off the last two months."

He said work on buildings D and E—the condominium buildings—was essentially suspended so all available manpower could be shifted to A (hotel), B (convention center), and C (pro shop and sports bar).

"It was challenging juggling manpower, managing different trades and making sure they were hitting dates in each of the buildings," said Ames, who oversaw Building C. "They were all managed as their own project. During the last big push [in Summer 2024], we started having contractors do work out of sequence, just because some trades weren't available or ready. It caused some minor rework, but in those instances, it's kind of what we had to do."

Burnett even relayed a story about an out-of-state hotel developer who saw the

project in August and thought there was no way possible for SIRQ to meet the stringent September deadline. "He was blown away by what we were able to do. Given the hurdles we had to get over, to be that far along at that point was cool. You can get a lot done if you have good people."

"We worked our guts out to get there—everything that had to be ready was ready," added Boren. "I know a lot of people that attended the event looked around [at all the ongoing construction] and thought, 'You guys are behind schedule.' And we really weren't—it was more of us trying to pull off the miracle the first year."

Natural Environment Inspires Design Elements, Top-Shelf Amenities

The overall design of Black Desert Resort Center was led by Scottsdale, Arizona-based Allen + Philp Partners, who drew inspiration from the ancient lava flows and rich vermilion sandstone formations, creating a modern resort community that fits well with the natural environment. Materials were chosen to harmonize with>>



(Clockwise from top left) Lobby spaces of the convention center are highlighted with ornate marble and millwork; Latitude restaurant is one of several on-site dining options; view from a patio looking directly west; aerial of Black Desert Resort center looking north.



the desert surroundings, with black basalt stones in various walls in both the hotel and convention center, warm wood elements throughout the resort, floor-to-ceiling windows, and a wide array of attractive materials, colors, and patterns, including custom millwork, ornate lighting fixtures, and decorative furnishings and art.

According to Matthew Kosednar, Principal-in-Charge for Allen + Philp, his team worked with Patrick Manning, Managing Partner at Black Desert Resort, and the Reef Capital team, with the resort going through multiple design iterations in 2018-19. Ultimately, a multi-building center model was selected, with a hotel, conference center, pro shop, and multiple condominium villages, along with a 1298-stall parking garage, which is also being built by SIRQ (Q4 2026 completion).

Kosednar said the project's relationship to its surroundings was carefully considered, with a design philosophy of "geological luxury"—defined as architecture that responds to the landscape and becomes an integral part of its geological story.

"It is a modern piece of architecture in a modern setting, but we wanted to make it appropriate for the area," said Kosednar, while embracing the natural desert color

palette, especially the sandstone and lava. "I'm most excited about the transformative nature of the resort and what it does for the St. George area. It was fun to work with the team and envision what this space could become."

Focus on Sustainability, Preserving Open Space

Boren said Black Desert will preserve 200 acres of land within the 600-acre development, with sustainability and being a good community partner being vital to a project of this size and scope. Boren praised the positive relationship Reef has developed over time with city officials in Ivins and Santa Clara.

"We couldn't have asked for better cities to work with," said Boren. "We've had our moments; our disagreements. Sometimes you get cities that aren't willing to budge at all; aren't willing to reason, and I have not found that to be the case with these cities. They've been excellent to work with—I would even call them partners."

Reef is even working with Dr. Ryan Platt, an Adjunct Professor at Utah Tech University, on stocking its pond with endangered Virgin River Chub, allowing them to breed and then reintroduced into their native river environment.



Black Desert Resort

Exquisite aerial view of the pool, pond, 19th hole (for squaring up the day's wagers), and practice putting green, amidst a lush bed of black lava rocks.

"We're doing everything we can to be environmentally conscious," said Boren, including putting in five miles of trails through the lava bed, paying close attention to water conservation, and dark-sky-friendly lighting.

"It is a modern piece of architecture in a modern setting, but we wanted to make it appropriate for the area. I'm most excited about the transformative nature of the resort and what it does for the St. George area."

—Matthew Kosednar

Regarding building sustainability, design and construction prioritized energy efficiency, daylighting, water conservation, and air quality. Some sustainable items include:

—Low-voltage power (10 volts vs. 120 volts) on CAT6 cables, reducing energy. This applied to lights, locks, security cameras,

and other electrical components. —Low-voltage Power over Ethernet delivers direct current power and data through network cables to avoid additional electrical wiring. —Reclaimed water is treated to an irrigation level for reuse. Low-flow systems and native desert landscaping also cut water use. —Efficient irrigation systems ensure that golf course irrigation is monitored and controlled for every 10 SF, cutting water use by 50%

Variety of High-End, Luxury Accommodations

Guests can choose from several accommodation offerings, starting with the Hotel Collection, which includes 148 rooms in the three-story hotel, with convenient access to several dining and bar options, a wellness spa, spacious fitness center, and relaxing pool and hot tub area.

The Resort Collection comprises 299 combined rooms and deluxe suites for families, groups, or extended stay visits. These residential-style layouts include sofa beds, kitchenettes and access to all resort amenities.

For a high-end, opulent experience, the resort offers the Plume Wellness Center,

nine private rooms specially designed for wellbeing and deep relaxation.

Boren said two condominium projects are close to wrapping up (November target), as Black Desert expands its multi-family footprint to 600-plus units: the Terrace Collection will add 174 units, while The Cove is 170 units. St. George-based Watts Construction built The Cove and three buildings of the Terrace.

A unique mix of on-site dining options is another strong amenity, including Basalt—a high-end American steakhouse—and Latitude, a casual, open-air eatery. There is also an indoor-outdoor lobby bar, a rooftop lounge with exquisite 270-degree views, the lively 20th Hole sports bar, along with simulated golf bays and a relaxing poolside bar.

Building B houses Black Desert Resort's conference center, which features more than 45,000 SF of indoor and outdoor space, featuring 18 distinct venues: a 10,000-SF ballroom, five breakout rooms, plenty of naturally lit spaces for socializing, and an expansive outdoor lawn with room for 500 guests. Conference center lobbies feature honed marble walls and rich millwork on doors/openings to the ballrooms.

With the resort center finished, Boren said construction will continue on the »

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condos, a private water park, a pickleball facility, and the parking garage. Upon completion of the garage in November 2026, construction will commence on another mixed-use development with multi-family, retail, dining, and entertainment elements.

“Everything is moving along really well,” Boren added. “We have plenty of projects to continue to work on and try and make perfect. We’re trying to get some leases ready and that will take time. But in a year, we’ll be ready to do the first phase.” ■

Black Desert Resort
Location: Ivins
Start/Completion: Feb. 2022/Sept. 2025
Cost: \$290 Million
Delivery Method: CM/GC
Stories/Levels: 4
Square Footage: 806,000 SF
Owner: Reef Capital Partners
Owner’s Rep: Sean Tuite

Design Team
Architect: Allen + Philp Partners
Civil: Kuma Engineering
Electrical: Resolut
Mechanical: EXP US Services Inc.
Structural: Kimley-Horn
Geotechnical: Applied Geotech (AGEC)
Interior Design: Allen + Philp Partners
Landscape: Floor Associates

Construction Team
General Contractor: SIRQ Construction
Structural Concrete: Baker Construction
Site Concrete: Innovative Concrete
Plumbing: J&S Mechanical
HVAC: J&S Mechanical; Northstar
Electrical: Hunt Electric
Masonry: BA Robinson Construction
Drywall: B&S Drywall
Painting: Accent Painting
Tile/Stone: HB Workplaces
Millwork: Allegheny Millwork; Riverwoods Mill; D&L Cabinetry
Flooring: HB Workplaces
Roofing: Flynn Group
Storefront, Curtain Wall: Flynn Group
Shower Glazing: Jones Paint & Glass
Waterproofing: Guaranteed Waterproofing & Construction
Steel Fabrication/Erection: JT Steel
Excavation: BHI
Landscaping: Hansen Landscaping

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Shaun Packer



Nolan Balls

Calder Richards Celebrates 20 Years of Sustainable Evolution

In 2005, Calder Richards Consulting Engineers formed after the merger of two smaller structural consulting firms who, interestingly enough, both started in 1986. Calder Richards has provided a steady structural support for Utah's built environment ever since. As the firm celebrates its 20th anniversary, UC+D spoke with Managing Principals Shaun Packer and Nolan Balls to look back over the company's history and celebrate what has helped their firm stand out to deliver solid projects in Utah and beyond. Their responses were edited for clarity and brevity.

UCD: *ABC is celebrating 75 years as a national association. What is the legacy of the Associated Builders and Contractors?*

SP: Winning the Talking Stick Resort in Scottsdale, Arizona is the first one. The big reason for the merger between Richards Consulting Group and Calder Consulting was to build a large enough company to go after bigger projects like that."

NB: That was my first project when I was hired straight out of college. We helped design the 17-story hotel and casino, a conference center, as well as parking structures, a central mechanical building, and a pool building. Talking Stick helped get us through the downturn a few years later.

UCD: *What have been your key market sectors you all have targeted over the last 20 years?*

NB: We were breaking into K-12 along the Wasatch Front soon after the Talking Stick Resort and it's been our bread and butter since then.

SP: Absolutely, but I credit our firm for always adapting to the current environment. We've been fortunate to do so much K-12, but we used to do a lot of office work, and now we are working on conversions like the Ebay Headquarters to CTE/Innovation Center for Canyons School District as the market has shifted away from commercial office.

UCD: *Schools have certainly evolved over the last 20 years, how has your work as structural engineers evolved?*

SP: We are seeing more creative design on the architectural side, certainly. We see many more two-story designs; more windows and daylighting. But we're utilizing more powerful tools and continually building our understanding of the structural materials that are in use more than ever—tilt-up concrete, steel columns and beams, especially—to be the architect's trusted partner.

NB: Schools have definitely changed, and we've had better experience in helping projects move forward successfully when we are involved earlier in the design process. As we got involved early on in West High School's schematic design, we were able to provide structural solutions and

options to accommodate the architects' design intent.

UCD: *How has company growth changed Calder Richards?*

SP: It's certainly changed the number of people in our office. We started with around 10 people when we merged, and today we have 27. But we often say that we don't want to grow just to grow—we want to grow sustainably. We don't lay people off when works slows down, and we have an expectation that sometimes there will be overtime work, and other times you may be waiting for our next project to begin.

UCD: *Evolution is natural, but how have you all sought to stick to the values you created when Calder Richards was formed?*

SP: We've been consistent about how our company responds to growth. With that, we have an advancement track in our company to bring in new engineers to take opportunities and eventually be owners in our company.

NB: We look for engineers with master's degrees, and we hire really talented people from the local engineering schools with a few transplants as well. But we hire them and train them in the hopes of keeping them. It's how I was brought on, and we think it's working.

UCD: *What are some tangible ways that you see those values reflected in your company?*

NB: We listen to the people we hire. We had some of our younger employees tell us to check out Tekla software, and so we bought a license, tested and tried it. While we decided not to shift our main focus over at this time, we learned and expanded our capabilities and have more options for the future thanks to them. These are smart, talented people who bring so much to the table, and we try not to stifle them, because they will rise if we give them the chance.

UCD: *Since Calder Richards looks to bring young engineers in and build them up, what does your advancement track look like for them?*

NB: We start with engineers in training, who can move to project engineer once they earn their professional engineer licensure. Then to project manager and then associate level after employees earn their structural engineering licensure. After that, they can become partners, with the final step becoming managing partners. If people see themselves in a future here, they won't be going somewhere else.

SP: The senior partners, like myself and Scott, have or will sell off shares in the company to newer partners to bring them in and continue this process. To Nolan's point, 90% of our employees have been with Calder Richards for their entire careers. We invest in our employees so we just don't have a lot of turnover.

UCD: *Those are pretty incredible stats. How do you stay progressive in your ideas and decision-making to do the best work?*

NB: I think it comes from the outside and what our clients are pushing. If you would

have asked me 15 years ago if I would ever design a school in tilt-up concrete, I would have said 'No way'. But as masonry became more of a rarity, and pricing changed on other materials, we adapted, and it helped us to design places like the Alta High School Performing Arts Center.

SP: It goes back to adapting to what is current and where the trends are. Our company improvement committee meets to talk about these things and helps us stay aware of what's happening around us.

NB: To Shaun's point, the cantilever designed for Farmington High School sticks out 40 feet from the library. We could have easily said "No, it doesn't work." But we came up with a floor to roof truss—we innovated and thought outside the box. It's helped us to earn repeat clients.

UCD: *Collaboration is significant to your role as structural consultants. How would you describe what good collaboration looks like as things move into construction?*

NB: When contractors are preparing to start a new building, they'll send over shop drawings for us to review. Also, we list in our drawings what we want to see in the field and then we go out and give site observation reports. We're not inspectors, but we want to provide a level of oversight about our work. We don't want to slow down the process, so we want to quickly respond to RFIs and maintain a good relationship with the contractors.

SP: When you're working with contractors, you're working through different options. Sometimes, they tell us "We like your details here, but this is not buildable. But we have an idea on how this detail could change to make it possible." We're open to hearing that! We work with some really talented contractors.»



Alta High School Performing Arts Center (photo by Aaron Shaw)



Farmington High School (photo by Aaron Shaw)



Hillcrest High School (photo by Chris Knowles)



Island View Elementary (photo by Jared Kenitzer)



Provo High School (photo by Aaron Shaw)

UCD: *It seems like the human factor is so critical to your work, how do you balance it with the push to utilize AI?*

SP: I attended a seminar recently where someone said, “Who is responsible if we have AI do all the design work, and then we stamp it at the end? If you stamped it, you’re responsible.” But AI is not following up with builders to review shop drawings, and it’s not walking the site to ensure everything checks out.

UCD: *Where else does that more personal component shine through?*

NB: We have repeat clients for most of our work, and it has been good to work with the architectural teams and get a feeling for what they like and how they want it done. It’s been a good way to team with architects, and for them to recognize and see the value we bring by being a part of the

discussion earlier in the process.
UCD: *When you think of these projects that best reflect that attitude, I know that picking favorites is always challenging, but what are some of those projects for you all?*

SP: When we’re designing some of these projects and really in the thick of it, they certainly don’t feel like favorites! But when I look back, I would list Talking Stick as one, and the adaptive reuse of the High West Distillery + Restaurant in Park City as another project I really enjoyed working on.

NB: Farmington High School was a fun project because the architecture was so challenging on it. There were some cool things we did on it that you don’t realize unless you’ve been with the architect, where archways create a unique visual effect. Being able to do that 40-foot cantilever for the library was cool, too. When they were ready to remove the

shoring, I asked the contractor if they were worried, and he said, “Kind of!” But when they measured the deflection, it met exactly what we told them it would, 3/8 of an inch.

UCD: *What does the future look like for Calder Richards as it relates to Utah’s built environment?*

SP: We’ve been pretty fortunate here in the Wasatch Front to have a strong economy and strong growth. It’s good for our industry. But we don’t want to see Utah just grow to grow. We’re going to have more water-related challenges, and we need to ensure that we can have an infrastructure to support those living here. We want to see sustainable growth. And Calder Richards looks forward to providing structural engineering for sustainable growth far into the future. ■



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SIGNIFICANT BUZZ

The Ballpark at America First Square is an exciting new home for the Salt Lake Bees, anchoring the new Downtown Daybreak development and putting South Jordan on the map as an entertainment destination.

By Brad Fullmer

The first season is in the books for the Salt Lake Bees in its spectacular new home—the Ballpark at America First Square, the exciting new heart of Downtown Daybreak and certainly one of the premier Triple-A stadiums in the country.

“It’s a really cool stadium—the field looks so good!” gushed Eric Barton, Project Director for Salt Lake-based Okland Construction, while surveying the spacious 280,000 SF, 6,500-seat (8,000 capacity) ballpark. Barton said his team faced an extremely difficult construction schedule with the mandate the project had to be sufficiently ready for Opening Day 2025 on April 8, less than 18 months after the formal October 20, 2023, groundbreaking. Barton said Okland knew it was going to be a grind, with long hours and tight windows to get various milestones accomplished.

“When we bid this to our trade partners, we had them bid it with the expectation of it being six days a week,” he said. “We want not only your best guys, but you have to be adaptable to the plan. It was gangbusters from the start.”

Up to 300 workers were onsite during peak construction activity, requiring meticulous coordination throughout. Okland even brought in Fred Strasser, a legendary project director who came out of retirement to shepherd the project through. “Fred is the genius behind getting this whole thing done,” said Barton. »



Precast bleachers were a key aspect of helping keep a demanding construction schedule on track. (all photos courtesy Okland Construction)



The mighty Wasatch Mountains are prominently featured in the stadium's exterior, a powerful design element paying homage to nature's local beauty.

The project was designed by Salt Lake-based HOK, who worked closely with the owner, Sandy-based Larry H. Miller Real Estate (LHMRE) and Miller Sports + Entertainment (MSE) to bring about a project that would add even more buzz to its wildly popular, 4,000-acre master planned Daybreak development in South Jordan, making it a true entertainment destination.

The design weaves together best-in-class baseball experiences with year-round public amenities, including a recently opened Megaplex theater, a performing arts center, a large amphitheater, along with retail, restaurants, and apartments, with buildout continuing through 2027.

Walking paths and open spaces create natural connections between The Ballpark and the surrounding neighborhood, making the area an iconic community asset and a true sports and entertainment district. Downtown Daybreak is slated to host more than 200 annual events—including the Bees’ 75-game regular season.

Supporting this entertainment destination, the venue’s prominent location just off the Mountain View Corridor freeway makes it highly visible to passing traffic while providing easy access. The stadium is also connected to multiple transportation options, easily reached by walking, biking or light rail across the Wasatch Front, and by car from the new freeway corridor.

The Ballpark site drops 20 feet from the loading dock to the plaza, managed through terraced spaces that echo the region’s mining heritage. Though the slope stays gentle at under 5%, carefully placed stairs and planters make walking comfortable while honoring the industrial past. The center field main entrance connects to light rail, while a formal plaza at home plate serves as a second entrance, primarily for VIP access.

The street design follows Daybreak’s established standards for lighting and tree spacing. Bike racks at the light rail station and plaza make cycling to games convenient.

Utah’s Landscape Shapes Design

The Wasatch Mountains, visible from every angle of the ballpark, directly influenced the ballpark’s design. Throughout the venue, carefully planned viewpoints frame these mountain vistas. The structure resembles this mountainous setting in its form, transitioning from solid brick and concrete at its base to lighter materials—metal and expansive glass—as it ascends. Working with Kansas City-based architectural metal fabricator Zahner, HOK and MSE created a distinctive facade using perforated metal panels that suggest Utah mountain peak silhouettes from Ben Lomond Peak in Weber County to Mt. Nebo, the southernmost and highest mountain in the Wasatch Range of

Utah. These panels transform into a glowing display at night, serving as a lantern on The Ballpark’s ‘front porch’ and welcoming visitors.

This connection to Utah’s landscape flows throughout the site. Angular planters guide visitors along pathways, while public spaces are arranged in terraces that echo the mountainside. The copper colors and stepped surfaces of the nearby Kennecott Mine inspired the ballpark’s materials and layout. Inside, the decor features warm copper, gold and honey tones, with textured materials that blend the natural landscape with the Salt Lake Bees’ team colors.

Precast Bleachers Key to Making Schedule Work

While Okland handled all concrete duties, including slab-on-grade risers at the main level, Salt Lake-based Contech Engineered Solutions fabricated 86 risers for the stadium seating on the club level, which helped keep the schedule on track, with the firm installing the risers in just seven days. The longest span, according to Aaron Simpson, Regional Sales Manager for Contech, was 41 ft. and weighed 30,000 lbs.

Simpson said precast is “ideal for this type of project. The prestressing capabilities allow the panels to span longer distances than typical cast in place. This eliminates the need for additional concrete or steel columns to support cast in place.”

He added that precast opens the space beneath the suspended stadium seating area, allowing more open views without columns obstructing views.

“Precast can greatly enhance the schedule of a project as the components can be cast concurrently with the site work, allowing installation as soon as the project site is ready. No need to spend time forming or curing site cast concrete bleachers,” added Lee Wegner, Regional Sales Manager for Contech.

Fan Experience and Amenities

The intimate seating bowl brings fans exceptionally close to the field, with 6,500 fixed seats complemented by open areas that bring the total capacity to more than 8,000. The 10 field level suites—positioned closer to the field than any in Minor League Baseball—anchor the premium offerings. Additional premium spaces include four Founders suites on the main concourse, unique batter box loges, and twin party decks on the first and third base sides that each accommodate 475 fans. Behind home plate, fans can choose between two inclusive club spaces: the Diamond Club and Terrace Club.

The concourse circles the entire stadium, offering uninterrupted views of the baseball field and the Wasatch

Mountains. The ballpark features locally inspired food-from-scratch kitchens, quick service stands and smart technology-enabled markets, including a ‘just walk out’ market powered by Amazon along the walkway. Other amenities include the Bees Team Store on the center field plaza (open year-round), an expansive video scoreboard and designated alcohol-free family zone. Families and other visitors can enjoy the game from multiple vantage points, whether they’re seated in the stands or gathering in the stadium’s various social spaces.

The ballpark’s upper levels offer several places for casual gatherings. A grassy berm in right field provides lawn seating and picnic spots. Other rooftop areas feature artificial turf with tables for group seating. A unique wiffle ball field atop the team store adds an unexpected recreational amenity.

Player Development Facilities

For players, the facility meets and exceeds current Major League development standards with a 12,000-SF clubhouse, dedicated training and player development areas, including female staff locker rooms for teams and umpires, MLB-style bullpens, an expanded commissary area for team nutrition needs, and multiple batting cages. ■



Crisp sightlines are found throughout the \$140 million stadium, which also serves as the heart of the much anticipated Downtown Daybreak development.

Ballpark at America First Square
Start/Completion: October 2023/April 2025
Cost: \$140 million
Delivery Method: CM at risk
Stories: 3
Square Footage: 280,000
Owner: Miller Sports + Entertainment

Design Team
Architect: HOK
Civil: Perigree Consulting
MEP: ME Engineering
Structural: MKA
Interior Design: HOK
Landscape Design: HOK; Intermountain Plantings

Construction Team
General Contractor: Okland Construction
Electrical: Cache Valley Electric
Mechanical: Archer Mechanical; B2 Air; Koch Mechanical
Plumbing: Archer Mechanical; Koch Mechanical
Geotech: Applied Geotechnical
Furniture: HB Workplaces
Concrete: Okland Construction
Steel Fabrication & Erection: SME Steel
Glass/Curtain Wall: Steel Encounters
Masonry: Allen’s Masonry
Drywall/Acoustics: CSI Drywall
Painting: Fisher Painting
Tile/Stone: Dowland Tile
Carpentry: Boswell Wasatch
Flooring: Wall 2 Wall
Roofing: UTR, Inc
Waterproofing: UTR, Inc; WeatherSealed, Inc.
Excavation: Jones Excavation
Precast: Contech
Landscaping: Brightview; Intermountain Plantings





Good Career? Start Here

Private, public, and association teams are coming together to bring more people into construction and the promising careers found in the industry.

By Taylor Larsen

Lucio Gallegos vividly remembers the workforce development meetings he attended during his time at Ogden-Weber Tech. These career and technical education (CTE) discussions consistently focused on one thing: young people were not entering construction, and the industry needed a new approach to attract them.

Gallegos recalled one meeting, where a training director for a prominent contractor grew so fed up with the lack of progress in promoting apprenticeships and other programs that he said, “Screw it—we’re just gonna hire them.”

The Long Road

Those conversations occurred nearly 10 years ago, and workforce development concerns continue to permeate the industry. The National Center for Construction Education & Research estimates that 41% of the construction workforce will retire by 2031, leading to potential gaps in skill and safety and decreases in productivity and project quality.

While stakeholders have aligned on

the overall goal of providing students a foundation for future success through career development, the means to achieve the ends were seemingly at odds. High schools, trade schools, colleges, and private industry took different paths to achieve their goals, with some moving in opposite directions.

“We want to be the solution, not the obstacle, to get into this industry.”

— Lucio Gallegos

“I’m gonna be honest with you,” Gallegos recalled one school administrator saying, “If I promote what you’re telling me to get them over to the tech college, I lose head count. And then I lose teachers. I can’t have a school without teachers.”

Jobs that took away student learning experiences, according to federal guidelines and child labor laws, made the idea a non-starter.

However, after years of lobbying the Utah Legislature for a compromise between industry and education, H.B. 055, passed in 2023, provided a catalytic change in how younger people can engage with construction and other industries. High school students could participate if they were involved in a school-sponsored work experience and career exploration program.

Private industry finally had the compromise it wanted. It was time to act.

Big-D Charts New Path

Gallegos, now the Workforce Development Manager from Big-D, joined the company in 2023 with the express purpose of creating a program that fit within the new guidelines. Gallegos said he sees career development through the lens of the immigrant experience, one he knows personally as a Mexican immigrant with a father who worked in commercial construction.

“I was 9 years old and busting pins out of concrete forms with a hammer that was as big as I was,” he laughed. “I’ve got the cliché immigrant story.”



Many Staker Parson employees (pictured) have been the beneficiaries of the firms’ internship program and commitment to workforce development. (Pg 56) Lucio Gallegos (right) speaks to two interns on Big-D’s concrete team.

That story has a theme familiar to many immigrant families, he said, one where parents say, “I want my kids not to have to work as hard as I do. I want them in school.”

Add to that, it’s a law—children must attend school.

Gallegos was unfazed by those obstacles. As he began planning how Big-D’s internship program would operate, he knew that engagement had to start at the elementary school level and build on personal relationships between private industry, school administrators, students, and their families to succeed.

“We want to be the solution, not the obstacle, to get into this industry,” said Gallegos.

So Big-D removed the barriers. Students can still attend school, work towards graduation, and be available in the afternoon for sports, extracurricular activities, and the high school experience.

But working was another significant part of the immigrant experience, Gallegos said, and internships needed to be paid to alleviate the family concerns.

“We asked what we would pay somebody fresh out of high school who worked at Big-D,” Gallegos said.

Interns have earned those same wages ever since.

Success Across the Industry

Staker Parson Materials & Construction is another industry leader bringing young people into construction. Their program

hosts 8-10 interns annually, where students gain hands-on learning in areas such as quality control, construction management, environmental services, finance, and more. Many who benefit from these professional development opportunities transition into a variety of full-time positions.

“The internship program at Staker Parson and its affiliated companies has been a cornerstone of workforce development for many years,” said Chris Ylincheta, who serves as Vice President of Staker Parson’s South Wasatch Companies. Since the company’s internship program began, it has grown into a more structured, learning-focused program designed to prepare students for long-term careers.

The program’s strength, Ylincheta continued, lies in its partnerships with schools, trade organizations like AGC and ABC of Utah, and community groups and nonprofits like Success in Education.

“From elementary school outreach through Staker Parson’s ‘Rocks Build Our World’ program to university-level collaborations with Weber State University and Utah State University,” Ylincheta said, “these relationships expand students’ perspectives and spark early interest in construction careers.”

In addition to offering these career pathways, Ylincheta said that Staker Parson also invests in education by donating materials, providing scholarships, and serving on boards to ensure the curriculum aligns with industry needs.

If it takes a village to raise a child,

building the village “infrastructure” plays a monumental role in setting children up for an adulthood full of possibilities.

School Involvement

As Ylincheta alluded, the construction industry alone couldn’t solve the construction labor crisis. Many hands would be required to make light work in building a career development ecosystem where students could learn, grow, and succeed.

One strong set of hands comes from schools. Jamie Little, CTE Business Liaison for Granite School District. She helps students succeed in construction and other industries by giving them the “Pathway Promise”.

“We want students to have something they can use to support themselves when they finish the program,” Little said. Whether that is a pathway to future certification, concurrent enrollment credits toward college, or work experience that helps them succeed, Little and her teammates help pave a way forward.

The pathway begins at the elementary level and continues through high school, building connections and contact points with various industries. Students across the K-12 spectrum have Granite teams dedicated to these efforts. “The kids really get to know their work-based person from the time they are little.”

For those preparing for life after high school, “We go over what professional dress looks like, and we do mock interviews and resume prep,” Little said, noting how professional dress in construction—steel-toed boots and hard hats—is unique for the industry.

Little said that this work centers on setting expectations for students and giving them the chance to go. “If you give them the opportunity, they’ll rise to it.”

Melissa Goble, Jordan School District’s CTE Internship Instructor, said that this shift from the construction industry is most welcome for students looking for great career opportunities. “The kids are enthusiastic and want to get out there.”

Goble continued by saying that harnessing that energy and providing an early connection to the industry makes a »



huge difference in their career trajectories. “These internships allow the students a chance to get to work and get to know their employers—and our students are prepared for it,” she said.

“We’re making sure these are the types of students ready for these roles. We’re making sure employers are getting students who are potential employees.”

— Melissa Goble

Goble and her team at Jordan School District work to prepare students for various workplace scenarios in class and through one-on-one mentorship. Using the educational setting as a platform for students to develop responsibility and personal accountability is a crucial aspect of career development. “We’re making sure these are the types of students ready for these roles,” Goble said. The goal isn’t just a successful



internship experience. “We’re making sure employers are getting students who are potential employees.”

We Build Utah Provides Major Lift
Annee Farner, Workforce Development Specialist at AGC of Utah, noted that the association’s We Build Utah program is another stakeholder committed to student success and career development, working to build relationships with students, companies, and CTE programs across 25 Utah school districts. We Build Utah team members worked with the Utah Board of Education to help realign instruction and learning outcomes to best suit students of the 87 Utah high schools that offer construction classes. Early efforts from the Utah Architecture, Engineering & Construction Pathways (UAEC Pathways) program provided a solid foundation for this work to thrive. Today, Farner said, high school students can enroll in a four-class series that begins with construction fundamentals, teaches trades-based math, safety, and tool use, and concludes with a capstone, one of which is an internship.

Seeds sown over the last few years are reaping incredible fruits at the high school and post-secondary levels. UAEC Pathways data from Northern Utah showed that participation is growing. While course enrollments totaled 4,654 in 2019/2020, enrollments set a record in 2023/2024 with over 17,000 total course enrollments. Those enrollments are making a serious mark in professional development. In 2023/2024, 436 students earned certificates, 35 earned associate’s degrees, and 26 earned bachelor’s degrees from Weber State University.

Interns Join In
But what does it look like for the actual, boots-on-the-ground interns who have participated in these programs and joined as interns? For Oswaldo Mandonado-Barron, it was a roller coaster—rickety at first, but thrilling as it moved along. He worked across multiple roles—estimating, project management, and building operations at Big-D’s headquarters in the iconic Fuller Paint Building, and field work at the Frank E. Moss Courthouse project.

He joked that Big-D Project Manager Mike Boyer earned his respect, and not just for bringing good food for lunch. “He gave me a good overview on how to budget a job, how to overcome the struggles with the role, and the successes that come from being a good project manager,” said Mandonado-Barron. “I told myself, ‘I want to be like Mike.’”

Mandonado-Barron finished his first week at Salt Lake Community College in August as he works toward an associate’s degree while working full-time in Big-D’s concrete division. He plans to attend Weber State University in the future as he pursues his construction management degree. Jesus Hernandez’s story is another example of internship success. He wanted to get into the construction industry and work for Big-D, just like his father and his brother, starting as a 17-year-old intern while finishing his final year at Granger High School.

“I wanted to see what this job was about,” he said. The schedule was intense—26-30 hours per week—but mentioned how supervisors

accommodated his schedule to ensure schooling took priority, helping him graduate a semester early. “Once I joined full-time, I learned what life is,” Hernandez laughed as he talked about the new expectations, new hours, and new truck that he recently purchased after saving up his wages. While college may be in Hernandez’s future, he enjoys the learning environment in the field. As a Concrete Patcher, he has grown proficient in drilling, epoxying, and concrete mixes and earned certifications for boom lift, scissor lift, and forklift, as well as completing his OSHA 30 training—and perhaps a future as a foreman and superintendent.

Jon McMurry is one of Staker Parson’s many examples of internship success that began once he met company reps at a University of Utah career fair in 2024. “I didn’t have a clue what Staker Parson was or did, but the attitudes of Clay Packard and Brian Tayler, Estimating Managers with the company, intrigued me,” McMurray said. Beyond each representative’s knowledgeable and personable demeanor, “They took their time to explain what the company did and captured my curiosity.” McMurry completed his internship, working for roughly eight months with a specific focus on civil infrastructure. Today, he serves as a Project Manager/Estimator, having stayed at Staker Parson due to the close-knit and friendly environment. “Everyone was willing to extend a hand and pass on their wisdom to the new hire. The atmosphere is infectious and makes every day a joy to come to work.”

Continuing on the Path
The work to build on this pathway continues. Ylincheta said efforts to engage younger folks are changing the construction industry for the better. “By showcasing the innovation, sustainability, and rewarding opportunities within the construction sector, the program not only develops talent, but also shifts outdated perceptions of the industry,” said Ylincheta, adding that he hopes to see others enter the fold to build a strong pipeline of future construction leaders. Gallegos added to Ylincheta’s words, namely in how engaging with the human

element of the industry has reaped incredible rewards. “You look at some of the people [at Big-D], they followed this same path in some way—working in the field since they were kids or taking this first job,” Gallegos said. “We took what was naturally happening and paved a pathway.” Many of those interviewed for this story mentioned how efforts to engage

students at all ages form a truth that many in construction know well: a person’s first job usually comes from someone they know. If the construction industry continues to connect with students from a young age, that relationship could bring that student—steel-toed boots, hard-hat, safety vest, and all—into an industry ready to build them up. ■





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Four Decades of Transformation

WSP’s Salt Lake office marks 40 years in the Beehive State, with an impressive track record that shows substantial growth and diversification in civil engineering markets

By Brad Fullmer

Over the course of its 40-year history in Utah, WSP’s Salt Lake office—originally founded as Parsons Brinckerhoff in 1985—has morphed from primarily a transportation design firm to one that successfully operates in multiple civil engineering markets.

The results of WSP’s transformation the past decade into a more diverse outfit speak for themselves, with the 128-person Salt Lake office (with locations in Cottonwood Heights and South Jordan) posting three consecutive years of revenues over \$50 million, including a record \$70.1 million in 2023, and a robust \$59.9 million in 2024—good for the No. 2 ranking in UC+D’s 2025 Top Utah Engineering Firms rankings (page 70).



Shannon Bond, who serves as Sr. Vice President and Utah Transportation Business Lead, said New York City-headquartered WSP USA (19,000 U.S. employees; No. 4 on ENR’s 2025 Top 500 Design Firms list) has been aggressive in buying other firms in recent years. WSP acquired New York City-headquartered Parsons Brinckerhoff in September 2014 for \$1.32 billion, Ontario, Canada-based Golder Associates in 2021 for \$1.14 billion, and Wood PLC Environment & Infrastructure, based in Aberdeen, Scotland, in 2022—just three among many multi-billion-dollar acquisitions over the 10-plus years. In addition, WSP acquired POWER

Engineers in October 2024, a nearly 50-year-old, Pocatello, Idaho-founded firm with headquarters in Hailey, Idaho and 4,000 employees in 50 North America offices, specializing in electrical power system design, operation, and maintenance.

“It’s exciting that we’ve been able to help transform the Wasatch Front—we’ve had some really big infrastructure projects. Our clients continue to trust us because we do good work,” said Bond, who joined WSP in 2014.

WSP’s Salt Lake office boasts a range of robust business lines—transportation, water, environmental, advisory and planning, property and buildings, energy, and federal programs. “These are services we didn’t offer 10 years ago,” said Bond.



WSP’s 40 years in Utah includes a host of key transportation, transit, and infrastructure projects. The firm has created a strong staff locally, with 128 employees and revenues the past three years over \$50 million annually, including a peak of \$70.1 million in 2023. (photos courtesy WSP)



UTA Program Management; Salt Lake County (2020)



Southern Parkway, St. George (2024)

“Through acquisitions and natural growth, it’s been a remarkable journey from a small office in 1985.”



“After 40 years, we are still trusted to work on transformative programs and projects,” echoed **Matt Sibul**, Sr. Vice President and Mountain Region Transportation Leader, who has been with WSP for 13 total years over three stints. “We attract a workforce that wants to work on these projects. You can build a level of trust and partnership in the industry. One of the things that attracted me back was our specialty people—and we have even more of them. We’re able to bring best practices with other clients. It’s a great ecosystem Utah is in.”

Utah Offices Benefit from Diversity, National Resources

One of the strengths of working for a national design powerhouse like WSP USA is the ability to draw on the expertise of 19,000 employees spanning nearly 220 U.S. offices. On top of that WSP USA is part of Montreal-based WSP Global that boasts more than 73,000 employees in 500+ offices

in 40 countries and has ranked No. 1 for five consecutive years on ENR’s Top 225 International Design Firms list.

“We are one of the world’s top professional services firms, bringing together some of the brightest engineers, advisors, and scientists from around the globe,” said Bond. “We can tap into 19,000 employees to support any specialty needs our local projects might require. That’s significant.”

In 2024, WSP’s Utah offices generated revenues just shy of \$60 million, with transportation (43%) and water resources (33%) accounting for more than three-fourths of its work. Aviation (5%) and resort/hospitality (4%) were also key markets.



Josh Palmer, Sr. Vice President and West Water Development Director, said the firm’s ability to design multiple aspects of a single project is what enables clients to see the

best results.

“One of the most rewarding things about the culture of our office is a recognition that we best serve clients when multiple disciplines and expertise come together,” said Palmer. “To have a firm with

that kind of diverse expertise, to put pieces of a puzzle together and give [clients] a vision of how to deliver something substantial—that serves communities and helps Utah grow in exciting ways—that’s really been rewarding.”

Palmer said Utah’s water resources sector presents unique challenges, considering the state’s burgeoning population growth and dry, high-desert climate.

“How are we going to make sure the next generation has the water they need, while balancing demands from a natural resources perspective?” said Palmer, a question that is always top of mind. “These things matter. We don’t have a choice but to be innovative in our approaches to our designs. We cannot rest on our laurels and assume the way things were done yesterday is the best way.”

Key Transportation Projects Highlight Impressive Resume

WSP has been prolific in the transportation market throughout its history in Utah by planning, programming, designing, and delivering sound road, highway, and transit design. The firm’s early work supported the Utah Transit Authority (UTA) with TRAX light

rail lines, and then the Utah Department of Transportation (UDOT) on the original \$1.5 billion I-15 Reconstruction in preparation for the 2002 Winter Olympics—the first design-build project in Utah.

- A sample of major transportation projects where WSP served as the lead designer in recent years includes:
- I-15, SR-232 Hill Field Road in Layton (2017)
 - Utah Valley University Pedestrian Bridge (2019)
 - I-15 NB, Bangerter to I-215 in Sandy (2021)
 - Southern Parkway in St. George (2024)

Projected Economic Growth, Younger Employees Signal Bright Future for SL Office

WSP has been able to recruit and retain significant young talent to its Utah offices in recent years, in part because of what Sibul said about major projects being exciting to design, but also because of the firm’s growth trajectory and ability to maintain relevancy with clients.

“We do have a lot of new people, and

several younger employees, which is great,” said Bond.

“We are fortunate to be in a state that really invests in the type of work we do,” added Sibul, praising the UDOT and local municipalities for making infrastructure investment a priority at state and city levels. “They pour a lot of money into maintaining the transportation system and adding more capacity,” he said, including UTA’s push to modernize and expand FrontRunner commuter rail. “[Owners] understand that making these transportation investments drives the economy forward.”

Bond, Sibul, and Palmer agree that being in a state with consistent population growth and a strong economy makes Utah a viable place to work, play, and enjoy a high-quality lifestyle. They appreciate working at a firm that helps maintain those values.

“I look at our job as not just helping clients deliver projects; it’s important to balance growth while enjoying a high quality of life,” said Sibul. “We’re a part of that delivery model.”

“One of the things on our mind is getting ready for the Olympics in 2034 and strategizing with various business lines,” said Bond. “We’re looking at how we can get ready for it. I focus on transportation, and there is a lot of work to be done in the transit area. There will always be major reconstructions along I-15, and we’re ready for it.”

“Our team is a perfect example of the interdisciplinary, collaborative approach that WSP brings to each project or program, which we strategically tailor to our client’s specific needs,” said Karen Doherty, Mountain Pacific Region Executive at WSP. “With a nexus of disciplines further bolstered by our POWER Engineers colleagues, we are able to deliver groundbreaking projects to meet the needs of this fast-growing region. We also recognize that we couldn’t celebrate 40 years in Utah without our amazing clients who strive to make Utahns’ lives better every day.” ■



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GOAL!

The project team on the new UCCU Soccer Stadium at Utah Valley University worked through various challenges to score big for the soccer program and create an elevated fan experience.

By Brad Fulmer

For Erik Dunn, overseeing the construction of the new UCCU Soccer Stadium at Utah Valley University was a true “full-circle moment” for him, given that he played soccer at UVU (then Utah Valley State College) for two seasons in 1997-98.

“I’m looking at the field I tried out on,” said Dunn, Project Executive for Lehi-based SIRQ Construction, during a phone interview three weeks after the ribbon cutting August 15 of the \$21 million project. “When this popped up on the radar, I knew I had to chase this one. It was one of those (feelings of) ‘this has got to be my job!’”

Dunn’s genuine passion for sports is also shared by Hans Hoffman, Principal Architect for Salt Lake-based Hoffman Architects, and Kyle Borchert, Vice President and Project Manager for Salt Lake-based Method Studio, who teamed together to lead the design of this important project, which also proved to be a full-circle, déjà vu-like moment.

Hoffman and Borchert, ironically, worked together on the design of (then) Utah Valley State College’s baseball stadium in 2004 while working for Craig Elliott of Park City-based Elliott Workgroup. It was Hoffman’s first sports project, and

Borchert’s first-ever project as a brand-new intern. Both are huge sports fans: Hoffman said he “will watch any sport” and is a die-hard Utes fan; Borchert played baseball (shortstop) collegiately at Concordia College, a Division III school in Morehead, Minnesota (borders Fargo, ND), as well as club baseball at Montana State during graduate school.

“Hans and I go way back—it was fun to team up on this project,” said Borchert. “Anytime I can combine athletics with architecture, it combines my two loves. It was fun to come full circle—from working with Hans on the UVSC baseball stadium

when I was just an intern architect to working together on the soccer stadium now, having been in the architectural field for 20-plus years.”

Hoffman, whose first project upon starting his firm in 2006 was a stadium for the Calgary (now Okotoks) Dogs minor league baseball team (he’s currently doing another project for the team), was initially contacted by the Utah DFCM to provide renderings of a possible soccer stadium, which were later used in successful fundraising efforts. Hoffman Architects was then retained to provide cost estimates and develop the programming document, with

Method Studio then brought in.

“We had developed a good conceptual plan,” said Hoffman. “When we teamed with Method the concept stayed the same. Teaming with Method was seamless and we tapped into their resources and DFCM experience to push the project forward. I’ve known those guys for years—they’re easy to work with.”

Main Challenges Included Mitigating Adjacent Highway Noise, Narrow Worksite

Bordering the perpetually bustling I-15 highway—an estimated 70 million vehicles

annually—posed a couple of primary challenges: mitigating traffic noise and dealing with a razor-thin worksite, while keeping the field open during construction.

Regarding sound reduction, walls to the north and south were made taller, blocking noise for fans in those areas. “The result is a palpable experience where you immediately go from deafening freeway noise as you walk up to the stadium, to a quiet hum that falls into the background and an ability to hear everything that is going on in the stadium,” said Borchert.

As for the site, little space to navigate between the east-west direction necessitated a long, narrow building, meaning long runs for mechanical ducting and electrical/AV/IT conduit. The orientation also affected seating layout, with it being oriented more vertically than horizontally, which creates a unique viewing experience where you feel like you’re on top of the action on the field. Every seat has a great view of the field, another hallmark of this project.

“I challenge anyone to find a soccer stadium anywhere in the country that has better views than [...] UCCU Stadium—we did our best to capture them,” Borchert said.

A Stadium Worthy of a Growing University, Rising Soccer Programs

It’s no secret that Utah Valley University is experiencing incredible growth—the school is projecting just over 50,000 students in Fall 2025, tops in the Beehive State and an increase of nearly 20% since 2018.

This growth requires new buildings and improvements to athletic programs, with UCCU Stadium designed to accommodate a rabid fan base.

The men’s and women’s soccer teams currently compete in the Western Athletic Conference—alas, this is their last year in the WAC, with both moving to the Big West Conference starting in 2026-27.

Fan support for both programs has been stellar. UVU’s women’s team, which joined NCAA Division I in 2003, ranks 11th nationally in attendance the past four years. The men’s program, which became a Division I member in 2009, ranks 14th nationally in attendance.

Dunn is thrilled with the new and >>



Aerial view of UCCU Stadium at UVU, an exciting addition to the school's athletics program. (inset) Front view of the bleachers, press box, and suites. (photos courtesy SIRQ Construction)



improved amenities at UCCU Stadium, and its long-term impact on not only UVU’s programs, but club and youth soccer programs in the region.

“This rivals anything in (NCAA Division I) sports,” said Dunn, who spent over a decade helping develop youth soccer clubs in Utah County.

The nearly 21,000-SF stadium includes seating for up to 3,000 fans, plus eight luxury suites with eight soft outdoor seats, two indoor seats (10 people per suite) and heaters in the ceiling for cold weather games.

An MLS-style press box includes a broadcast/PA announcer booth, and a 500 SF media booth with space for 15 people.

Players will benefit from spacious and stylish new locker rooms that are decked out with all the perks including a player’s lounge, training room with hot and cold tubs, along with ample storage. Highlights include custom lockers, rubber flooring in the pattern of a jersey with UVU’s wolverine logo in the center, plus an oversized touch monitor for film study and a ceiling that literally looks like the lines of a soccer field.

Designers were able to add a sizeable 7,500-SF, two-story building on the SE corner that houses concessions, a UVU team store, and restrooms on level 1, and an accessible rooftop party deck on level 2 devoted to students, allowing them to socialize while taking in the game.

“To me, it’s the most underrated portion of the project as it’s a great venue to look down onto the soccer field to the

north—as well as the softball field to the south—but it also alleviated a huge need and greatly increases the fan experience,” said Borchert.

Interior spaces are lively and fun, with UVU’s signature green shining through in various branding hits throughout the facility, including wide cutouts in walls with turf inlays, and a drop ceiling cloud with lighting that mimics the netting in a soccer goal.

Both designer and contractor raved about the relationship between their teams, and with UVU’s athletic department, led by Dr. Jared Sumsion, Athletic Director (see Q&A on page 68).

“We assembled a championship team with a team of four guys,” said Dunn. “We had a really good culture on this project, top to bottom. The job was awesome—the ownership was amazing; we had a great relationship with Dr. Sumsion. It was just a fun process.”

Hoffman and Borchert agree that the final product exceeds their expectations.

“It’s an awesome place to watch a game,” said Hoffman. “Even I was blown away; the design creates an unbelievable atmosphere for soccer where you’re right on top of the action.”

“It’s such a fun venue—just an awesome way to take in a game.” added Borchert, who helped design the Utah State University Maverik Stadium east-side renovation in 2023. He said particular consideration was given to how modern-day fans experience game days, with an

emphasis on creating spaces to view the action on the field from various locations throughout the stadium.

“Gone are the days where you sit in your seat all game,” Borchert said. “It’s about having places where people can congregate and still enjoy the game-day atmosphere. There are 360-degree views with pockets of locations where you can take the game in at a different level.”

Just like a good full-circle experience should be. »

UCCU Soccer Stadium

Location: Utah Valley University

Start/Completion: March 2024/August 2025

Cost: \$21 million

Delivery Method: Design-Bid-Build

Stories/Levels: 3 + Accessible Rooftop

Square Footage: 20,770 SF Soccer Stadium;

7,464 SF Restroom/Concessions Building

Owner: Utah Valley University

Owner’s Rep: Frank Young & Kurt Baxter – UVU facilities; Jared Sumsion – UVU Athletics

Design Team

Architect: Method Studio (architect of record); Hoffman Architects (design architect)

Civil: Ensign Engineering

Electrical: Resolut

Mechanical: Resolut

Structural: BHB Structural

Interior Design: Method Studio

Landscape: MGB+A Sudio

Construction Team

General Contractor: SIRQ Construction

Concrete: Cornerstone Concrete

Plumbing: Gunthers Heating, Cooling, and Plumbing

HVAC: Comfort Systems USA

Electrical: STF Electric

Masonry: AK Masonry

Drywall: Lacem Construction

Painting: C5 Coatings

Tile/Stone: JRC Tile & Stone

Millwork: Artistic Mill

Flooring: Wall 2 Wall Commercial Flooring (carpet, resilient, athletic & turf flooring), Urbane & Company (sealed flooring)

Roofing: Progressive Roofing

Glazing/Curtain Wall: Skyview Glass





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w/ Dr. Jared Sumsion

Utah Valley University Director of Athletics

Dr. Jared Sumsion has witnessed a meteoric rise in Utah Valley University's athletic programs since being named Director of Athletics in May 2019. He also served as Interim Director, as well as UVU's Senior Associate Athletic Director for External Operations and Administrator over baseball, soccer, cross-country, track and field, and wrestling. A UVU graduate (MBA and Doctor of Education degrees) and former student body officer, Sumsion oversees 400-plus student-athletes among UVU's 16 NCAA Division I programs.

Under his strong leadership, UVU secured the largest fundraising donation in its history—used to build the new soccer stadium—via a partnership with Utah Community Credit Union (UCCU). He also spearheaded a \$17.7 million partnership with dōTERRA that benefits UVU's entire athletic department, including dōTERRA Field at UCCU Ballpark, the dōTERRA Training Dome, and a new dōTERRA Performance Center in Lockhart Arena.

In 2024, Sumsion was named an NCAA Division I-AAA Athletic Director of the Year by the National Association of Collegiate Directors of Athletics.

UCD: *How exciting is it to serve in your present role as UVU Director of Athletics?*

Dr. Sumsion: Dr. Jared Sumsion has witnessed a meteoric rise in Utah Valley University's athletic programs since being named Director of Athletics in May 2019 after serving as Interim Director as well as UVU's Senior Associate Athletic Director for External Operations and Administrator over baseball, soccer, cross-country, track and field, and wrestling. A UVU graduate

(MBA and Doctor of Education degrees) and former student body officer, Sumsion oversees 400-plus student-athletes among UVU's 16 NCAA Division I programs.

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UCD: *How exciting is it to serve in your present role as UVU Director of Athletics?*

Dr. Sumsion: I was named Director of Athletics (AD) in 2019, but my connection to UVU goes back much further. I'm a graduate of UVU, so this place has always been home to me. After earning advanced degrees, I returned to work in the athletic department and worked my way up through nearly every area of administration fundraising, marketing, external operations, and team oversight before being asked to lead the program.

Over the past six years as AD, I've had the privilege of helping UVU Athletics reach historic milestones, including our first NCAA national champion, 11 Western Athletic Conference (WAC) team championships, national rankings in multiple sports, and our men's basketball run to the National Invitational Tournament semifinals. We've

also secured the largest fundraising gifts in school history, including the \$28.5 million partnership with UCCU that made this new stadium possible. Being part of UVU's growth from the days of a small state college to becoming the largest university in Utah with nationally competitive athletics has been one of the great honors of my life.

UCD: *When did UVU determine it needed a new soccer-specific stadium?*

Dr. Sumsion: The vision really started about 15 years ago when we realized Clyde Field simply couldn't keep up with the success of our soccer programs. We had a chain-link fence, a few bleachers, and very limited amenities. Our fan base was already growing, and it became clear that if we wanted to continue elevating UVU soccer, we needed a facility that matched the caliber of our student-athletes and the demand of our community.

UCD: *What were some major "hot buttons" regarding design style and functionality?*

Dr. Sumsion: Shade and visibility were huge. Moving the stadium to the west side solved the glare issue and gave us freeway visibility. We also wanted a vertical design to maximize space and create an intense, intimate match-day atmosphere. Functionally, everything had to serve both fans and players: world-class locker rooms, premium suites, accessible seating, a massive video board, and fan-friendly amenities.

UCD: *Did you visit other colleges or research projects prior to design?*

Dr. Sumsion: We toured several

venues and looked closely at MLS facilities to benchmark. But honestly, a lot of the inspiration came from dreaming with our partners. At one point, we literally sketched concepts on a napkin during the WAC Basketball Tournament in Las Vegas. That early vision carried through the entire process.

UCD: *What kind of feedback have you been getting from coaches, players, and officials?*

Dr. Sumsion: The response has been overwhelmingly positive. Our coaches are excited because they know this stadium gives us a true recruiting edge, and our student-athletes feel inspired every time they walk in. It's a facility that validates their hard work and shows how much this university values them. University leadership has called it a symbol of growth and ambition, and they see it as a game-changer not just for soccer, but for the entire athletic department.

We've also heard remarkable feedback from visiting programs. Coaches from places like Auburn, Cal, and LSU have told us it might be the nicest collegiate soccer stadium in the nation. They've praised the attention to detail and how seamlessly the design keeps coaches, players, staff, and fans connected. Beyond that, I've received comments from colleagues across the country and even internationally who recognize that this stadium sets a new standard for what college soccer facilities can be.

UCD: *How do facilities like this impact recruiting?*

Dr. Sumsion: Recruiting today is as much about facilities as it is about program history. Student-athletes want to know they'll train and compete in a first-class environment. UCCU Stadium sends a clear message that UVU is serious about soccer and committed to excellence. It's a huge differentiator when competing with

national powers.

UCD: *What's exciting about a project like this from an AD's standpoint?*

Dr. Sumsion: Seeing a vision go from a sketch on a napkin to one of the best collegiate soccer stadiums in the country is incredibly rewarding. But even more exciting is knowing the impact it will have for decades for our student-athletes, for our fans, and for the Utah Valley community.

UCD: *What future athletic-related projects are on the docket at UVU?*

Dr. Sumsion: We've recently completed a state-of-the-art basketball practice facility, and we're always evaluating ways to enhance our facilities to stay competitive in the Big West Conference. Our focus is on projects that elevate the student-athlete experience while also serving our growing community. The next big project at UVU will be a student-athlete academic facility that we are hoping to start in the next year or two. ■

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2025 Top Utah Engineering Firm Rankings

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Utah Construction + Design is pleased to publish its thirteenth annual list of the Top Engineering Firms in Utah based on revenues generated in 2024 by firms with headquarters and/or offices in Utah. Firms are ranked by revenues generated from their UTAH OFFICES. Firms who chose not to disclose revenues (DND) are listed after revenue-disclosing firms in order based on number of employees. Every effort was made to contact respective firms and encourage their participation.

TOP OVERALL ENGINEERING FIRMS (RANKED BY TOTAL OFFICE REVENUES; ALL DISCIPLINES)

Firm Name Address (HQ) Phone / Website	Year Est. # of Employees	Top Executive Title Years at Firm	Largest Project Completed in 2024 Largest Project to break ground in 2025	Annual Revenues (millions)			Top Markets	%
				2024	2023	2022		
1. Horrocks Engineers 2162 W. Grove Parkway #100 579 Pleasant Grove, UT 84062 (801) 763-5100 www.horrocks.com	1968	Bryan Foote President 25	West Davis Corridor I-15 1800 North Project	\$113.0	\$107.7	\$88.8	Highway Industrial Rail/Transit Comm/Retail	67% 13% 9% 9%
2. WSP USA 10876 S. River Front Pkwy #250 128 South Jordan, UT 84095 (801) 382-6900 www.wsp.com	1985	Shannon Bond Local Business Ldr 11	UDOT Mt. View Corridor 2100 N Porter Rockwell Design-Build Canopy at Deer Valley Hotel & Condo Project	\$59.9	\$70.1	\$53.8	Highway Energy Transit Aviation	43% 34% 8% 5%
3. HDR 2825 E. Cottonwood Pkwy #200 138 SLC, UT 84121 (801) 743-7854 www.hdrinc.com	1917	Jake Watson Area Manager 1	I-84 Over Weber River & UPRR Bridge Replacement West Davis Corridor Phase 2	\$50.5	\$33.1	\$28.7	Highway Transit Industrial	68% 30% 1%
4. Kimley-Horn 111 E. Broadway #600 SLC, UT 84111 (385) 212-3176 www.kimley-horn.com	1967 126	Brent Mutti President/CEO 24	Confidential Hyperscale Project, Utah County I-15 South Cedar Interchange & Widening	\$42.9	\$33.6	\$23.3	Highway Multi-use Municipal Environmental	46% 14% 10% 7%
5. AECOM 756 E. Winchester St #400 SLC, UT 84107 (801) 904-4000 www.aecom.com	1990 144	Matt Crane EVP 9	The Jacobs Smelter OU2 Remedial Action Project, Stockton US-6: Chicken Hollow to Tie Fork, Spanish Fork Canyon	\$42.0	\$39.0	\$39.0	Water Wastewater Transportation Haz. Waste	34% 26% 25% 11%
6. Resolut 181 E. 5600 S. #200 Murray, UT 84121 (801) 530-3148 www.vbfa.com	1972 200	Jeffrey S. Watkins P.E. 33	Intermountain Primary Children's Lehi Campus Utah Mammoth Hockey Training Facility	\$39.0	\$25.1	\$22.1	Healthcare Ecclesiastical K-12 Higher Ed	32% 13% 13% 11%
7. Sunrise Engineering 25 E. 500 N. Fillmore, UT 84631 (435) 743-6151 www.sunrise-eng.com	1978 DND	Greg Potter President/CEO 32	DND Ogden Canyon Pipeline	\$36.0	\$31.4	\$27.5	Water Wastewater Highway Survey/GIS	30% 15% 14% 13%
8. Spectrum Engineers 324 S. State St. #400 SLC, UT 84111 (801) 328-5151 www.spectrum-engineers.com	1982 141	Dave Wesemann CEO 34	George E. Wahlen Dept. of Veterans Affairs Medical Center DND	\$28.9	\$27.4	\$26.5	Healthcare Higher Ed Civic/Inst. Office	23% 15% 15% 13%

2025 Top Utah Engineering Firm Rankings

Firm Name Address (HQ) Phone / Website	Year Est. # of Employees	Top Executive Title Years at Firm	Largest Project Completed in 2024 Largest Project to break ground in 2025	Annual Revenues (millions)			Top Markets	%
				2024	2023	2022		
9. Bowen Collins & Associates 154 E. 14075 S. Draper, UT 84020 (801) 495-2224 www.bowencollins.com	1997 100	Jason Luettinger CEO 28	Silver Creek Trunk Sewer Rehabilitation Project Quail Creek Water Treatment Plant 10 MG Tank B Project	\$28.7	\$27.41	\$23.5	Water Wastewater Civic/Inst. Environmental	69% 21% 6% 3%
10. Ensign Engineering 45 W. 10000 S. #500 Sandy, UT 84070 (801) 255-0529 www.ensignutah.com	1987 146	Jared Ford President 18	High Point Office Building The Commons at Herriman Town Center	\$27.5	\$25.0	\$24.0	Multi-Family Water Comm/Retail Industrial	28% 14% 12% 10%
11. Jones & Demille Engineering 1535 S. 100 W. Richfield, UT 84701 (435) 896-8266 www.jonesanddemille.com	1982 180	Brian Barton CEO 23	UDOT SR-44 at Flaming Gorge Maxwell Park Renovation	\$27.1	\$24.4	\$22.4	Highway Water Wastewater Civic/Inst.	35% 30% 5% 5%
12. Michael Baker International 7090 Union Park Ave #500 SLC, UT 84047 (801) 352-5981 www.mbakerial.com	1940 97	Michael Arens Vice President 21	Navy Reserve Center at Hill Ari Force Base Hill Air Force Base East Campus Infrastructure	\$22.0	\$20.5	\$18.5	Federal Highway	50% 50%
13. Stanley Consultants 6975 Union Park Ave #300 Cottonwood Heights, UT 84047 (801) 559-4614 www.stanleyconsultants.com	1996 40	Mark Freeman P.E. 24	I-84 Bridge Replacements at Riverdale SR89/91 Underpass at Logan River	\$13.2	\$15.3	\$11.6	Highway Energy Water	77% 11% 6%
14. Envision Engineering 240 E. Morris Ave #200 SLC, UT 84115 (801) 534-1130 www.envisioneng.com	1994 47	Jeff Owen CEO 31	DND DND	\$10.5	\$8.1	\$7.7	Higher Ed Civic/Inst. K-12 Airport/Transp.	22% 20% 18% 10%
15. Terracon 6952 S. High Tech Dr STE B Midvale, UT 84047 801-545-8500 www.terracon.com	1965 138	Gayle Packer CEO 21	MB - I-15; SR-201 to 12300 South UDOT Frontrunner Point Improvements	\$10.4	\$11.7	\$9.0	Comm/Retail Highway PG&T Industrial	28% 12% 12% 10%
16. Reaveley Engineers 250 E. 200 S. #1000 SLC, UT 84111 (801) 486-3883 www.reaveley.com	1972 52	Dorian Adams President 28	Primary Children's Hospital Miller Family Campus U of U West Valley Hospital	\$9.6	\$11.0	\$10.3	Healthcare Office Higher Ed Civic/Inst.	32% 15% 13% 12%
17. Psomas 11456 S. Temple Dr. #200 South Jordan, UT 84095 (801) 270-5777 www.psomas.com	1946 35	Travis Perry P.E./Vice President 19	Meta Data Center Buildings 5 & 6 DND	\$7.4	\$7.0	\$6.1	Civic/Inst. Industrial Underground Multi-Family	22% 22% 18% 8%
18. Meridian Engineering 1628 W. 11010 S. #102 South Jordan, UT 84095 (801) 569-1315 www.meiamerica.com	1997 42	Michael Nadeau PLS, President 23	Big Cottonwood Canyon Right of Way Perfection Saratoga Springs High School	\$7.2	\$6.1	\$5.6	Highway K-12 Civic/Inst. Higher Ed	64% 15% 8% 3%

2025 Top Utah Engineering Firm Rankings

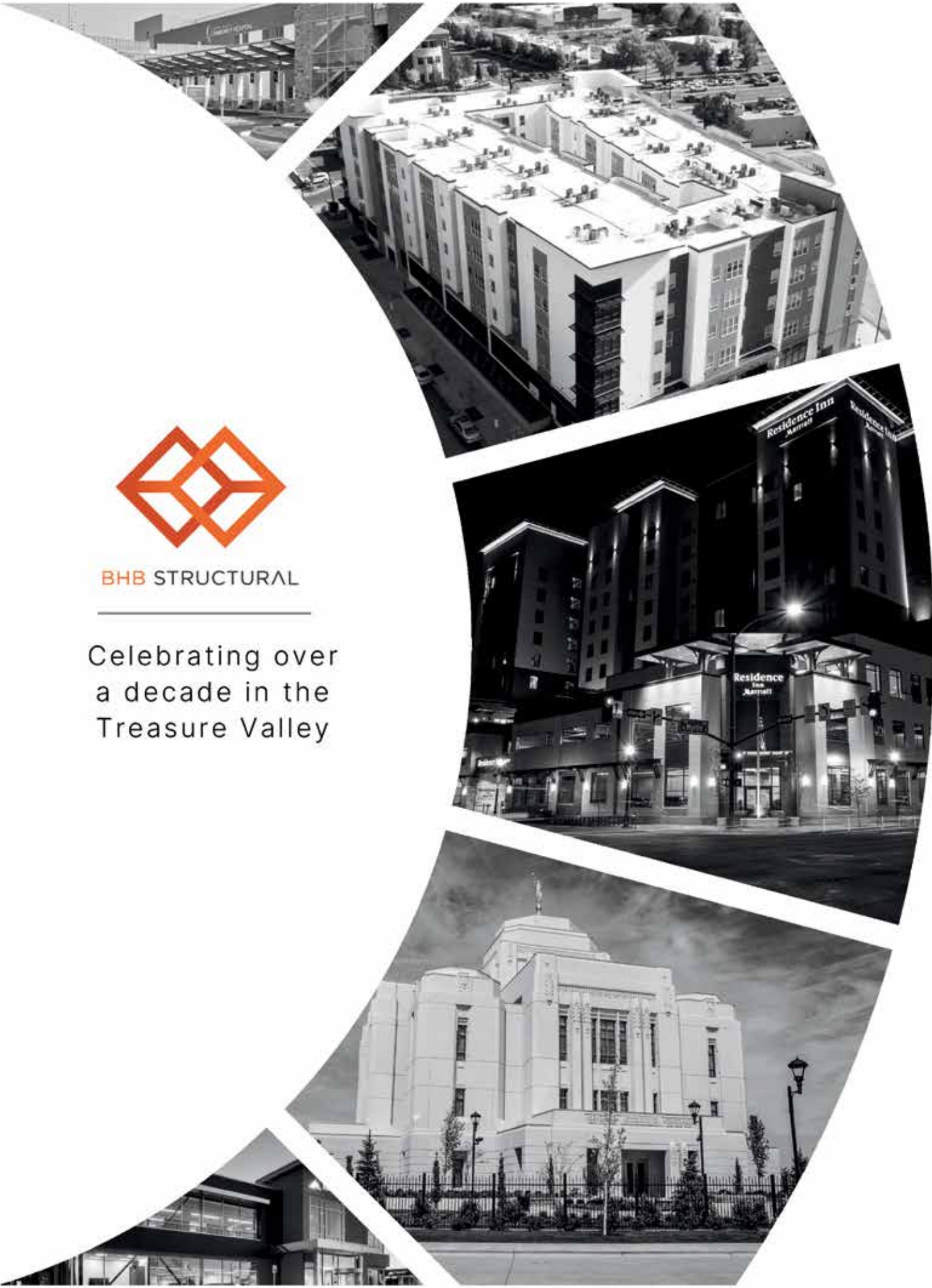
Firm Name Address (HQ) Phone / Website	Year Est. # of Employees	Top Executive Title Years at Firm	Largest Project Completed in 2024 Largest Project to break ground in 2025	Annual Revenues (millions)			Top Markets	%
				2024	2023	2022		
19. Lochner 2755 E. Cottonwood Pkwy #560 32 Cottonwood Heights, UT 84121 713-5222 hwlochner.com	1944 29	Terry Ruhl CEO 5	900 South Reconstruction I-215; SR-201 to North Temple CEM	\$6.8	\$5.5	\$5.9	Highway Aviation	76% 24% (801) www.
20. Raba Kistner, Inc. 7005 South High Tech Dr Midvale, UT 84047 801-653-3120 www.rkci.com	1968 29	Clark Prothero P.E. 15	US-89 Farmington I-215, SR-201 to North Temple	\$4.3	\$10.4	\$11.7	Highway	100%
21. PVE Consulting Engineers 1040 N. 2200 W. #100 SLC, UT 84116 (801) 359-3158 www.pve-ut.com	2000 25	Patrick T. Cantrell Principal 25	Cottonwood Brickyard Apartments Silicon Slopes Surgery Center & Medical Office Bldg.	\$3.5	\$4.4	\$6.8	Office Multi-Family Comm/Retail Healthcare	28% 27% 20% 14%

FIRMS THAT DID NOT DISCLOSE REVENUES (Listed by # of employees)

BHB Structural 2766 S. Main St SLC, UT 84115 (801) 355-5656 www.bhbengineers.com	2002 52	Chris Hofheins Senior Principal 23	University of Utah Impact Health & Prosperity Epicenter Iron County Sheriff's Complex and Correctional Facility	DND	DND	DND	K-12 Resort/Hosp. Industrial Comm/Retail	15% 13% 12% 11%
Dunn Associates, Inc. 380 W. 800 S. SLC, UT 84101 (801) 575-8877 www.dunn-se.com	1995 39	David Dunn CEO 20	Grand Hyatt Deer Valley Mountain Resort Utah Mammoth Practice Facility	DND	DND	DND	Multi-Family Industrial Resort/Hosp. Office	25% 22% 15% 10%
ARW Engineers 1594 W. Park Circle Ogden, UT 84404 (801) 782-6008 www.arwengineers.com	1969 38	Justin Naser SE/President 27	Weber State University McKay Education Building One Ten Apartments	DND	DND	DND	Civic/Inst. Comm/Retail Multi-Family Office	19% 17% 15% 15%
Talisman Civil Consultants 1588 S. Main St #200 SLC, UT 84115 (801) 743-1300 www.talismancivil.com	2016 35	Ryan Cathey PE/President 8	900 South Reconstruction Doppelmayr Utah Headquarters	DND	DND	DND	Multi-Family Resort/Hosp. Higher Ed Civic/Inst.	30% 20% 20% 10%
Calder Richards Structural 1805 S. Redwood Rd #102 SLC, UT 84104 (801) 466-1699 www.crceng.com	2005 27	Shaun Packer Managing Partner 18	West Point Junior High School #18 G3 Apartments	DND	DND	DND	Civic/Inst. K-12 Multi-Family Higher Ed	30% 25% 5% 5%



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TOP CIVIL ENGINEERING FIRMS

	Firm Name Address (HQ) Phone / Website	Year Est. # of Employees	Top Executive Title Years at Firm	Largest Project Completed in 2024 Largest Project to break ground in 2025	Annual Revenues (millions)			Top Markets	%
					2024	2023	2022		
1.	Horrocks Engineers 2162 W. Grove Parkway #100 Pleasant Grove, UT 84062 (801) 763-5100 www.horrocks.com	1968 579	Bryan Foote President 25	West Davis Corridor I-15 1800 North Project	\$113.0	\$107.7	\$88.8	Highway Industrial Rail/Transit Comm/Retail	67% 13% 9% 9%
2.	WSP USA 10876 S. River Front Pkwy #250 South Jordan, UT 84095 (801) 382-6900 www.wsp.com	1985 128	Shannon Bond 11	UDOT Mt. View Corridor 2100 N Porter Rockwell Design-Build Local Business LeaderCanopy at Deer Valley Hotel & Condo Project	\$59.9	\$70.1	\$53.8	Highway Energy Transit Aviation	43% 34% 8% 5%
3.	HDR 2825 E. Cottonwood Pkwy #200 SLC, UT 84121 (801) 743-7854 www.hdrinc.com	1917 138	Jake Watson Area Manager 1	I-84 Over Weber River & UPRR Bridge Replacement West Davis Corridor Phase 2	\$50.5	\$33.1	\$28.7	Highway Transit Industrial	68% 30% 1%
4.	Kimley-Horn 111 E. Broadway #600 SLC, UT 84111 (385) 212-3176 www.kimley-horn.com	1967 126	Brent Mutti President/CEO 24	Confidential Hyperscale Project, Utah County I-15 South Cedar Interchange & Widening	\$42.9	\$33.6	\$23.3	Highway Multi-use Municipal Environmental	46% 14% 10% 7%
5.	AECOM 756 E. Winchester St #400 SLC, UT 84107 (801) 904-4000 www.aecom.com	1990 144	Matt Crane EVP 9	The Jacobs Smelter OU2 Remedial Action Project, Stockton US-6: Chicken Hollow to Tie Fork, Spanish Fork Canyon	\$42.0	\$39.0	\$39.0	Water Wastewater Transportation Haz. Waste	34% 26% 25% 11%
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7.	Bowen Collins & Associates 154 E. 14075 S. Draper, UT 84020 (801) 495-2224 www.bowencollins.com	1997 100	Jason Luettinger CEO 28	Silver Creek Trunk Sewer Rehabilitation Project Quail Creek Water Treatment Plant 10 MG Tank B Project	\$28.7	\$27.41	\$23.5	Water Wastewater Civic/Inst. Environmental	69% 21% 6% 3%
8.	Ensign Engineering 45 W. 10000 S. #500 Sandy, UT 84070 (801) 255-0529 www.ensignutah.com	1987 146	Jared Ford President 18	High Point Office Building The Commons at Herriman Town Center	\$27.5	\$25.0	\$24.0	Multi-Family Water Comm/Retail Industrial	28% 14% 12% 10%
9.	Jones & Demille Engineering 1535 S. 100 W. Richfield, UT 84701 (435) 896-8266 www.jonesanddemille.com	1982 180	Brian Barton CEO 23	UDOT SR-44 at Flaming Gorge Maxwell Park Renovation	\$27.1	\$24.4	\$22.4	Highway Water Wastewater Civic/Inst.	35% 30% 5% 5%
10.	Terracon 6952 S. High Tech Dr STE B Midvale, UT 84047 801-545-8500 www.terracon.com	1965 138	Gayle Packer CEO 21	MB – I-15; SR-201 to 12300 South UDOT Frontrunner Point Improvements	\$10.4	\$11.7	\$9.0	Comm/Retail Highway PG&T Industrial	28% 12% 12% 10%

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11.	Michael Baker International 7090 Union Park Ave #500 SLC, UT 84047 (801) 352-5981 www.mbakertl.com	1940 97	Michael Arens Vice President 21	Navy Reserve Center at Hill Ari Force Base Hill Air Force Base East Campus Infrastructure	\$22.0	\$20.5	\$18.5	Federal Highway	50% 50%
12.	Stanley Consultants 6975 Union Park Ave #300 Cottonwood Heights, UT 84047 (801) 559-4614 www.stanleyconsultants.com	1996 40	Mark Freeman P.E. 24	I-84 Bridge Replacements at Riverdale SR89/91 Underpass at Logan River	\$13.2	\$15.3	\$11.6	Highway Energy Water	77% 11% 6%
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14.	Meridian Engineering 1628 W. 11010 S. #102 South Jordan, UT 84095 (801) 569-1315 www.meiamerica.com	1997 42	Michael Nadeau PLS, President 23	Big Cottonwood Canyon Right of Way Perfection Saratoga Springs High School	\$7.2	\$6.1	\$5.6	Highway K-12 Civic/Inst. Higher Ed	64% 15% 8% 3%
15.	Lochner 2755 E. Cottonwood Pkwy #560 Cottonwood Heights, UT 8412 (801) 713-5222 www.hwlochner.com	1944 32	Terry Ruhl CEO 15	900 South Reconstruction I-215; SR-201 to North Temple CEM	\$6.8	\$5.5	\$5.9	Highway Aviation	76% 24%
16.	Raba Kistner, Inc. 7005 South High Tech Dr Midvale, UT 84047 801-653-3120 www.rkci.com	1968 29	Clark Prothero P.E. 5	US-89 Farmington I-215, SR-201 to North Temple	\$4.3	\$10.4	\$11.7	Highway	100%
FIRMS THAT DID NOT DISCLOSE REVENUES (Listed by # of employees)									
	Talisman Civil Consultants 1588 S. Main St #200 SLC, UT 84115 (801) 743-1300 www.talismancivil.com	2016 35	Ryan Cathey PE/President 8	900 South Reconstruction Doppelmayr Utah Headquarters	DND	DND	DND	Multi-Family Resort/Hosp. Higher Ed Civic/Inst.	30% 20% 20% 10%

Top MEP (Mechanical + Electrical) Engineering Firms

	Firm Name Address (HQ) Phone / Website	Year Est. # of Employees	Top Executive Title Years at Firm	Largest Project Completed in 2024 Largest Project to break ground in 2025	Annual Revenues (millions)			Top Markets	%
					2024	2023	2022		
1.	Resolut 181 E. 5600 S. #200 Murray, UT 84121 (801) 530-3148 www.vbfa.com	1972 200	Jeffrey S. Watkins P.E. 33	Intermountain Primary Children's Lehi Campus Utah Mammoth Hockey Training Facility	\$39.0	\$25.1	\$22.1	Healthcare Ecclesiastical K-12 Higher Ed	32% 13% 13% 11%
2.	Spectrum Engineers 324 S. State St. #400 SLC, UT 84111 (801) 328-5151 www.spectrum-engineers.com	1982 141	Dave Wesemann CEO 34	George E. Wahlen Dept. of Veterans Affairs Medical Center DND	\$28.9	\$27.4	\$26.5	Healthcare Higher Ed Civic/Inst. Office	23% 15% 15% 13%
3.	Envision Engineering 240 E. Morris Ave #200 SLC, UT 84115 (801) 534-1130 www.envisioneng.com	1994 47	Jeff Owen CEO 31	DND DND	\$10.5	\$8.1	\$7.7	Higher Ed Civic/Inst. K-12 Airport/Transp.	22% 20% 18% 10%
4.	PVE Consulting Engineers 1040 N. 2200 W. #100 SLC, UT 84116 (801) 359-3158 www.pve-ut.com	2000 25	Patrick T. Cantrell Principal 25	Cottonwood Brickyard Apartments Silicon Slopes Surgery Center & Medical Office Bldg.	\$3.5	\$4.4	\$6.8	Office Multi-Family Comm/Retail Healthcare	28% 27% 20% 14%

TOP STRUCTURAL ENGINEERING FIRMS

	Firm Name Address (HQ) Phone / Website	Year Est. # of Employees	Top Executive Title Years at Firm	Largest Project Completed in 2024 Largest Project to break ground in 2025	Annual Revenues (millions)			Top Markets	%
					2024	2023	2022		
1.	Reaveley Engineers 515 E. 100 S. # 1200 SLC, UT 84102 (801) 486-3883 www.reaveley.com	1972 58	Dorian Adams President 27	HCI Kathryn F. Kirk Center U of U James Levey Sorenson Center for Medical Innovation	\$11.0	\$10.3	\$7.9	Healthcare Higher Ed Office K-12	29% 22% 14% 8%

FIRMS THAT DID NOT DISCLOSE UTAH OFFICE REVENUE (Listed by # of employees)

BHB Structural 2766 S. Main St SLC, UT 84115 (801) 355-5656 www.bhbengineers.com	2002 52	Chris Hofheins Senior Principal 23	University of Utah Impact Health & Prosperity Epicenter Iron County Sheriff's Complex and Correctional Facility	DND	DND	DND	K-12 Resort/Hosp. Industrial Comm/Retail	15% 13% 12% 11%
Dunn Associates, Inc. 380 W. 800 S. SLC, UT 84101 (801) 575-8877 www.dunn-se.com	1995 39	David Dunn CEO 20	Grand Hyatt Deer Valley Mountain Resort Utah Mammoth Practice Facility	DND	DND	DND	Multi-Family Industrial Resort/Hosp. Office	25% 22% 15% 10%
ARW Engineers 1594 W. Park Circle Ogden, UT 84404 (801) 782-6008 www.arwengineers.com	1969 38	Justin Naser SE/President 27	Weber State University McKay Education Building One Ten Apartments	DND	DND	DND	Civic/Inst. Comm/Retail Multi-Family Office	19% 17% 15% 15%
Calder Richards Structural 1805 S. Redwood Rd #102 SLC, UT 84104 (801) 466-1699 www.crceng.com	2005 27	Shaun Packer Managing Partner 18	West Point Junior High School #18 G3 Apartments	DND	DND	DND	Civic/Inst. K-12 Multi-Family Higher Ed	30% 25% 5% 5%

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