Most Outstanding Projects of 2019

Utah Valley Hospital Earns ‘Project of the Year’ Honors.
THE ANSWER
TO ALL OF YOUR CONSTRUCTION NEEDS

ASPHALT  SAND & GRAVEL  EXCAVATION & UNDERGROUND  READY MIX

KILGORE COMPANIES

EDUCATE  TRAIN  PLAN  ENGAGE  EXECUTE

o. 801 250 0132  www.kilgorecompanies.com  f. 801 250 0671
Let's do the work.*

**ELIGIBLE MACHINES INCLUDE:** Mini Excavators, Compact Track Loaders, Multi-Terrain Loaders, Skid Steer Loaders, and Compact Wheel Loaders (903-908 models only).

Contact your Wheeler Machinery Co. Sales Representative for details. Call 800-662-8650 or visit wheelercat.com/0for60

*Financing offers valid from October 1, 2019 to January 31, 2020. 0% for 60 months finance rate with zero down available only on the following new machines manufactured by Caterpillar Inc.: Cat mini excavators, compact track loaders, mini wheel loaders, small wheel loaders and compact wheel loader (903-908 models only). 0% for 48 months, plus a 3-year/3000-hour Powertrain & Hydraulics Equipment Protection Plan with zero down only on the following new machines manufactured by Caterpillar Inc.: Cat compact wheel loaders (910-914 models only), backhoe loaders, small dozers, small wheel loaders and telehandlers. To be eligible for an Equipment Protection Plan offer terms and conditions, the machine must be financed with Cat Financial. Financing terms and conditions are subject to change. Offer available through Cat Financial to customers who qualify. Zero down payment is not guaranteed to qualify. Higher rates may apply for customers with lower credit ratings or qualifications. Offer available only at participating Cat dealers. Flexible payment terms available to those who qualify. Offer is available only in the USA and Canada. Offer subject to machine availability. Offer may change without prior notice and additional terms and conditions may apply. Contact your Cat dealer for details.

© 2019 Caterpillar. All Rights Reserved. CAT, CATERPILLAR, LET'S DO THE WORK, their respective logos, “Caterpillar Yellow,” the “Power Edge” and Cat “Modern Hex” trade dress, as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.
AE URBIA is a group of architects and engineers devoted to improving companies, communities and cities by creating “great spaces” which provide rich experiences.

With rising development costs, AE URBIA can provide resilient, sustainable class “A” office buildings while saving owners and contractors up to 20% over conventional construction.

Let AE URBIA assist you with your next; office building, hotel or multi-family project, etc., regardless of size or location.
Anything but ordinary...

Intelligent Construction Management
Integrity, Transparency and Trust
Tireless Pursuit of Excellence

equals

Extraordinary CM/GC Services for Extraordinary Clients
and over $1 Billion in delivered project value

www.westlandconstruction.com
We are CVE—coming together to build infrastructure, power buildings, network companies, and connect ideas. At Cache Valley Electric, we have been on the leading edge of electrical construction and technology since 1915...and the future looks bright.

THE CVE GROUND TO CLOUD™ ADVANTAGE:
> Comprehensive Electrical Construction
> Substation, Power Distribution, Signal & Utility
> Structured Cabling for Voice & Data, DAS (Distributed Antenna Systems)
> Multimedia Design, Programming, Installation
> Network Infrastructure, Enterprise Security, Unified Communications
> Physical Security, Systems Integration
> Cloud Solutions, Software Optimization, Big Data Management
WE SWEAT THE SMALL STUFF
SO YOU DON’T HAVE TO.

Your construction project isn’t about a building — it’s about taking your business to the next level. Whether you’re looking to develop a warehouse, recreation center, store, apartment, library or office space, we’ll focus on your short-term project so you can focus on your long-term goals. Easy, on-time and on-budget. That’s the R&O promise. We sweat the small stuff so you don’t have to, from the groundbreaking through the ribbon cutting. Give us a call and let us go to work for you.

801.627.1403  www.randoco.com
We're patient people

From advances in technology to changing patient populations, today’s health care institutions are facing revolutionary transformations affecting the delivery of patient-centered care; requiring a complex construction process. One that we've mastered.

Helping clients provide exceptional patient care. For every patient. Every time.

JACOBSEN
Making life better.

jacobsenconstruction.com | 801.973.0500
MORE LIFT POWER.
JUST THE THING TO RAISE PRODUCTIVITY.

CASE N SERIES LOADER/BACKHOES

CASE N Series Loader/Backhoes, with our exclusive Power Lift technology, beat the competition with more capacity to lift, curl, crane and move. Our loader provides excellent breakout force and almost 1000 pounds greater lift capacity at full height than any other machine in its class. With factory-trained dealers to help increase productivity and raise expectations, the muscle to do your hard work is here. Visit your CASE dealer today.

CaseCE.com
THE STRENGTH BEHIND YOUR VISION

Dixie State University's Human Performance Center
ST. GEORGE, UT

INNOVATIVE | STRUCTURAL | SOLUTIONS

REAVELEY Engineers
www.reaveley.com | 801.486.3883
Table of Contents

Most Outstanding Projects of 2019

16 Introduction/Jury/List of Projects
18 Project of the Year – Utah Valley Hospital
22 method studio Corporate Office
26 Duncan Aviation
28 Young Living Global Headquarters
30 Lehi Tech Office Building
32 Herriman Liquor Store
35 Geraldine E. King Women’s Resource Center
36 Soaring Canyon Bridge
38 Stout Office Building
40 UVU Nooda Center for the Performing Arts
43 Soleil Lofts Apartments
44 Intermountain Cancer Center St. George
46 doTERRA Expansion: Medical Clinic & Research Facility
48 USU Life Sciences Building
50 SR-68/I-215 Reconstruction
52 Cisco Road Improvements
54 The Snowpine Lodge
56 Paparazzi Accessories Office and Warehouse
59 Mountain Ridge High School
60 Mound Fort Jr. High Innovation Center
62 Pierpont by Urbana Apartments
64 SL City Mosquito Abatement Complex
67 Southwest Aqueduct Reach 1
68 Timpanogos Cave Visitor’s Center
70 Woodward Park City at Gorgoza Park
72 National Ability Center, Equestrian Center
75 Carbon County Courts
76 Utah DEQ Technical Support Center
78 Wasatch Resource Recovery Phase I
81 Peace House
82 The Kimball on Main
84 Bangerter Four Interchanges
86 Pleasant Grove Public Safety Complex
89 FAA SLC Air Route Traffic Control Center Major Mechanical
90 WSU Barbara and Rory Young Football Center
92 Layton Construction Office T.I.
95 BYU Central Utility Plant/Co-Gen Upgrade
96 Silver Creek Water Reclamation Facility Expansion

On the cover: Utah Valley Hospital in Provo was a unanimous choice for ‘Project of the Year’ in 2019. (photo by Dana Sohm, Sohm Photographx)
20/20 Vision for 2020

Reflecting back on another incredibly busy year always makes me think about the best experiences of the past 12 months (back-to-back Havasupai trips in June), and at times, the worst (shoulder injury shut down my hoops playing). 2019 was indeed, by most metrics, a tremendous year for Utah’s A/E/C industry at large.

We’re grateful for the opportunity to report on this incredible industry, capping it with our annual ‘Most Outstanding Projects of the Year’ competition, which this year features 38 award-winning projects from a record 110 submissions. Congratulations to Jacobsen Construction of Salt Lake City for capturing ‘Project of the Year’ honors for its completion of Utah Valley Hospital in Provo, a stellar new $330 million medical campus for Intermountain Healthcare that will serve this rapidly growing community throughout the 21st Century.

If there is a ‘theme’ to this year’s awards, I’d say it would be ‘Community Impact’, as in, the collective positive impacts of these projects on their respective communities is divine. A couple of projects stand out to me, starting with the three new Homeless Resource Centers in Salt Lake County, one of which (Geraldine E. King Women’s Center) earned our ‘Most Outstanding Community Impact’ award, although I view all three buildings as one huge statement that addresses our community’s HUGE need for these facilities. Homelessness is a societal problem that affects us all; congratulations to the many people who worked on these projects and helped them come about.

Peace House in Park City is another impressive project that addresses the needs of those caught in the vicious cycle of domestic violence, and was my choice for the ‘Publisher’s Pick’ award. Kudos to those who helped bring about this nearly $10 million project.

Honestly, I could share a paragraph or two about most of these great projects, and suffice to say it’s always a daunting task in trying to determine the very best projects of the year. A hearty ‘thanks’ to our eight-person jury for their participation in choosing this year’s award winners.

As we wrap up our seventh year at Utah Construction & Design, I’d like to again thank the many local A/E/C firms who advertise within the pages of UC&D, and also via our website, along with those who support us via sponsorships at our MOP Awards Breakfast (held December 10 this year at Little America).

It’s gratifying to represent an industry that does so much good for the citizens living in the great state of Utah (plus the millions of visitors we get annually to the Beehive State), through the design and construction of these life-changing projects.

What I hope to accomplish this year is simple: Go through the entire year with zero regrets! (I know, good luck with that, right?) I figure since it’s the year 2020, perhaps I can live my life with perpetual 20/20 vision and never see anything in the ‘wrong’ light.

Here’s wishing you all a healthy, happy, and productive new year!

Brad Fullmer
Publisher/Managing Editor
Wayfinding and Other Signage

Textile Wall Coverings

THE INTERMOUNTAIN WEST’S LARGEST PROVIDER OF ENVIRONMENTAL GRAPHICS.

ADD SBR/VISION GRAPHICS TO ALL OF YOUR BID LISTS!

Window Graphics

Solid and Cut Vinyl Wall Graphics

Dimensional Letters

For more information, call Ryan Cox • 801.486.1391 • sales@e-sbr.com
CONGRATULATIONS TO ALL OF THE UC&D ‘2019 MOST OUTSTANDING PROJECTS’ AWARD WINNERS!

WE ARE PROUD TO BE PART OF SO MANY AWARD WINNING PROJECTS!

Providing powerful solutions for 30+ years!

HUNT ELECTRIC, INC.
UTAH & COLORADO
HuntElectric.com

CONNECT WITH US!
UV CURED IN PLACE PIPE

SANITARY SEWER | NATURAL GAS | CULINARY WATER | INDUSTRIAL PIPING | UTILITY TUNNELS | PUMP STATIONS
AGGREGATES | EARTHWORK | STRUCTURAL CONCRETE | DEWATERING | TRENCHLESS

435-723-2921 / 44 S 1050 W Brigham City, UT 84302 / whitcon.com
Another outstanding year in Utah’s A/E/C industry has come to a close, as Utah Construction & Design recognizes 38 projects in its 2019 Most Outstanding Projects of the Year competition, which fielded a record 110 project submissions from across the Beehive State.

This year’s top honor goes to Utah Valley Hospital, another landmark healthcare project from owner Intermountain Healthcare, delivered by general contractor Jacobsen Construction of Salt Lake City. The $330 million replacement hospital will stand as an important community building for the City of Provo, and Utah County in general, throughout the 21st Century, and we commend the project team on this outstanding accomplishment.

Our annual MOP Awards Breakfast December 10 at Little America in Salt Lake City was attended by more than 400 people from the A/E/C industry, we appreciate the outstanding attendance and overall support we receive for this great event. It is a privilege for us at UC&D to be able to recognize the very best construction and design projects that finished in 2019, and we are excited for what promises to be a robust and eventful 2020. We’d also like to extend our thanks to this year’s MOP Awards Jury, a stout group of eight industry professionals from varying walks of the local A/E/C world.

2019 MOP Awards Jury
This year’s jury includes eight professionals with a combined 185 years of experience in the A/E/C industry (year they joined present firm and total years of industry experience in parentheses). Collectively, this diverse group represents key trade associations (Utah chapters of the Associated General Contractors, the Associated Builders and Contractors, the American Institute of Architects, and the American Consulting Engineers Council), major public owners (the Division of Facilities Construction Management of Utah and Utah Department of Transportation), commercial real estate (Collier’s) and design consultants (VBFA; RDP).

Supreme Care
$330 million Utah Valley Hospital named ‘Project of the Year’ for its overall community impact and contribution to rapidly growing Utah County.

Matt Boyer
Asst. Director, Capital Development Projects DFCM of Utah (2007; 23 years)

Lori Haglund
Marketing Director VBFA (2001; 30 years)

Rich Thorn
President/CEO AGC of Utah (1979; 50 years)

Rusty Bollow
Sr. VP of Commercial Real Estate Collier’s International (2018; 20 years)

Scott McKinnon
VP of Member Services ABC Utah (2017; 16 years)

Michael Smith
Executive Director ACEC of Utah (2005; 14 years)

Jarod Maw
Sr. Project Architect Richardson Design Partnership (2017; 23 years)

Lisa Miller
Traveler Information Manager UDOT (2011; 19 years)

AIA Utah 2019 President-Elect
<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>PROJECT</th>
<th>SUBMITTING FIRM(S)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project of the Year</td>
<td>Utah Valley Hospital Replacement &amp; Expansion</td>
<td>Jacobsen Construction</td>
</tr>
<tr>
<td>Most Outstanding Adaptive Re-Use</td>
<td>Method Studio Corporate Offices</td>
<td>method studio</td>
</tr>
<tr>
<td>Most Outstanding Airports</td>
<td>Duncan Aviation</td>
<td>Sunroc Corporation</td>
</tr>
<tr>
<td>Most Outstanding Commercial/Office Over $10 M</td>
<td>Young Living Global Headquarters</td>
<td>Okland Construction</td>
</tr>
<tr>
<td>Most Outstanding Commercial/Office Under $10 M</td>
<td>Lehi Tech</td>
<td>Beecher Walker / Rimrock Construction</td>
</tr>
<tr>
<td>Most Outstanding Commercial/Retail</td>
<td>State Liquor Store (DABC), Herriman</td>
<td>Ascent Construction</td>
</tr>
<tr>
<td>Most Outstanding Community Impact</td>
<td>Geraldine E. King Women’s Center</td>
<td>Okland Construction</td>
</tr>
<tr>
<td>Most Outstanding Concrete/Structures</td>
<td>Soaring Canyon Bridge</td>
<td>Ralph L. Wadsworth Construction</td>
</tr>
<tr>
<td>Most Outstanding Concrete/Tilt-Up</td>
<td>Stout Office Building</td>
<td>AE Urbia / Stout Building Contractors</td>
</tr>
<tr>
<td>Most Outstanding Entertainment</td>
<td>UVU Noorda Center for the Performing Arts</td>
<td>Layton Construction</td>
</tr>
<tr>
<td>Most Outstanding Green/Sustainable</td>
<td>Soleil Lofts Apartments</td>
<td>Architecture Belgique / Wasatch Commercial Builders</td>
</tr>
<tr>
<td>Most Outstanding Healthcare - Large</td>
<td>Intermountain Cancer Center</td>
<td>Okland Construction</td>
</tr>
<tr>
<td>Most Outstanding Healthcare - Small</td>
<td>doTERRA Expansion: Medical Clinic &amp; Research Facility</td>
<td>VCBO Architecture / Jacobsen Construction</td>
</tr>
<tr>
<td>Most Outstanding Higher Education</td>
<td>Utah State University Life Sciences Building</td>
<td>VCBO Architecture / Jacobsen Construction</td>
</tr>
<tr>
<td>Most Outstanding Highway Over $10 M</td>
<td>SR-68 &amp; I-215 Reconstruct</td>
<td>Sundt Construction</td>
</tr>
<tr>
<td>Most Outstanding Highway Under $10 M</td>
<td>Cisco Road Improvements Project</td>
<td>Jones &amp; DeMille Engineering / Whitaker Construction</td>
</tr>
<tr>
<td>Most Outstanding Hospitality/Resort</td>
<td>The Snowpine Lodge</td>
<td>Okland Construction</td>
</tr>
<tr>
<td>Most Outstanding Industrial</td>
<td>Paparazzi Accessories Office &amp; Warehouse</td>
<td>Hughes General Contractors</td>
</tr>
<tr>
<td>Most Outstanding K-12 - Large</td>
<td>Mountain Ridge High School</td>
<td>MHTN Architects / Westland Construction</td>
</tr>
<tr>
<td>Most Outstanding K-12 - Small</td>
<td>Mound Fort Junior High Innovation Center</td>
<td>Design West Architects / Hogan &amp; Associates Const.</td>
</tr>
<tr>
<td>Most Outstanding Multi-Family</td>
<td>Pierpont Apartments</td>
<td>Zwick Construction</td>
</tr>
<tr>
<td>Most Outstanding Municipal</td>
<td>Salt Lake City Mosquito Abatement Complex</td>
<td>Design West Architects / Hogan &amp; Associates Const.</td>
</tr>
<tr>
<td>Most Outstanding Municipal/Utility</td>
<td>Southwest Aqueduct Reach 1</td>
<td>COP Construction</td>
</tr>
<tr>
<td>Most Outstanding Parks/Recreation</td>
<td>Timpanogos Cave Visitors Center</td>
<td>Ralph L. Wadsworth Construction</td>
</tr>
<tr>
<td>Most Outstanding Private Over $10 M</td>
<td>Woodward Park City at Gorgeza Park</td>
<td>Jacobsen Construction</td>
</tr>
<tr>
<td>Most Outstanding Private Under $10 M</td>
<td>National Ability Center, Equestrian Center</td>
<td>Architectural Nexus</td>
</tr>
<tr>
<td>Most Outstanding Public Over $10 M</td>
<td>Carbon County Courts</td>
<td>Architectural Nexus</td>
</tr>
<tr>
<td>Most Outstanding Public Under $10 M</td>
<td>Utah Department of Environmental Quality Support Center</td>
<td>Hogan &amp; Associates Construction</td>
</tr>
<tr>
<td>Most Outstanding Public/Private Partnership</td>
<td>Wasatch Resource Recovery Phase 1</td>
<td>Alder Construction Company</td>
</tr>
<tr>
<td>Most Outstanding Publisher’s Pick</td>
<td>Peace House</td>
<td>New Star General Contractors</td>
</tr>
<tr>
<td>Most Outstanding Renovation/Restoration</td>
<td>The Kimball on Main</td>
<td>R &amp; O Construction</td>
</tr>
<tr>
<td>Most Outstanding Specialty Contracting - Electrical</td>
<td>Bangertor Four Interchanges</td>
<td>Hunt Electric</td>
</tr>
<tr>
<td>Most Outstanding Specialty Contracting - Masonry</td>
<td>Pleasant Grove Public Safety Complex</td>
<td>IMS Masonry</td>
</tr>
<tr>
<td>Most Outstanding Specialty Contracting - Mechanical</td>
<td>FAA SLC ARTCC Major Mechanical</td>
<td>V.O. Brothers Mechanical</td>
</tr>
<tr>
<td>Most Outstanding Sports/Recreation</td>
<td>WSU Barbara &amp; Rory Youngberg Football Center</td>
<td>Big-D Construction</td>
</tr>
<tr>
<td>Most Outstanding Tenant Improvement</td>
<td>Layton Construction Office TI</td>
<td>Interior Construction Specialist (ICS)</td>
</tr>
<tr>
<td>Most Outstanding Utility/Infrastructure</td>
<td>Central Utility Plant Facility- Cogeneration Upgrade</td>
<td>Bodell Construction</td>
</tr>
<tr>
<td>Most Outstanding Water/Wastewater</td>
<td>Silver Creek Water Reclamation Facility Expansion Project</td>
<td>Skyline Electric</td>
</tr>
</tbody>
</table>
Project of the Year
Utah Valley Hospital Replacement & Expansion

In a year highlighted by prominent, high-profile community-related projects, it was apropos that a major healthcare project earn UC&D’s coveted ‘Project of the Year’ status. The replacement/expansion of this massive $330 million project required yeoman efforts from the entire project team, led by Jacobsen Construction of Salt Lake City, a firm with decades of experience building top-flight healthcare projects, this one for owner Intermountain Healthcare.

The existing seven-story inpatient tower was replaced with a dynamic 12-story, 620,000 SF tower, which is also now home to a number of departments previously dispersed throughout the campus. Other key aspects of the project scope included a new, nine-story, 273,000 SF outpatient services building, along with a complete remodel of 100,000 SF of existing interior space. The project will pursue LEED Silver certification from USGBC.

From a community impact standpoint, the Provo-based hospital will serve all of Utah County (the state’s second largest in population, and the fastest-growing county as well the past five years) in some capacity, given its size and modern services offered. Consolidating various services in a more patient-friendly campus atmosphere was a huge design consideration for the architectural team and engineering consultants.

“Looking 50 years down the road, with the growth of Utah County expected to double by 2050, preparing the hospital for (this expansion) was the impetus,” said Josh Rohatisky, a Project Manager for Intermountain Healthcare.

The new campus incorporates state-of-the-art patient care strategies into the layout, improving overall wayfinding along with the ability of caregivers to provide optimal patient experience. The emergency room size nearly doubled, and is now located adjacent to an expanded imaging area. The hospital features 10 operating rooms, two interventional radiology spaces and four cath/EP labs, all equipped with cutting-edge medical equipment.

All patient rooms are adaptable with greater levels of safety and efficiency, allowing a room’s function to change from medical to surgical to intensive care, while being expanded on average from 225 SF to 300 SF, with large, reflective blue and grey...
The UVU Hospital Replacement & Expansion is nearly 900,000 SF of healing—including inpatient and outpatient spaces. It is a testament to the healing power of well-built space.

Windows offering exquisite views of Mount Timpanogos to the east and Utah Lake to the west.

A beautiful healing garden—highlighted with a large pond, a cool waterfall feature and a quaint walking path—is a pleasant ‘touch of nature’ tucked into the campus, a natural healing element that quickly became one of the most popular areas of the hospital.

Jacobsen Construction’s ability to incorporate a new cloud-based scheduling software program—in an effort to improve safety, collaboration and communication with subcontractors (and owners)—paid huge dividends to the overall schedule, allowing for design changes to be tracked efficiently and quickly transferred to the field.

Another construction innovation was the development of a platform that could be hoisted with the tower cranes to each tower floor. The platform could be quickly loaded and unloaded with materials, a concept developed by one of the firm’s superintendents.

Jacobsen’s crews self-performed all concrete work, including 8,400 CY of footings and slab-on-grade concrete, plus 7,600 CY of slab-on-metal deck concrete, all placed with meticulous attention to detail. The main mat slab is four feet thick, 120 ft. wide and 260 ft. long, (4,640 CY) and was delivered in one continuous pour requiring 85 trucks over 10 hours, a testament to the team’s speed and precision.

Safety on this project was a paramount accomplishment by the construction team, with Jacobsen employing its ‘M.A.C.H.O’ initiative throughout the duration. It stands for ‘My Attitude Can Help Others’ and it represents an approach that aims to hold all subs accountable for not only their own employees, but also paying attention to other adjacent trades and looking for ways to improve overall jobsite safety. Out of nearly 345,000 man hours logged on the project, only one lost-time accident was reported (EMR was 0.50).

Natural daylighting compliments energy-efficient LED lighting, providing well-lit, healing spaces throughout the campus.
Rooms in the new hospital can change from medical to surgical to intensive care. The average size of the fully adaptable rooms increased from 225 SF to 300 SF.
Geneva Rock is a leader among Utah’s construction companies. We’re proud to be a trusted project partner and supplier for Utah’s rock, asphalt, concrete, and construction needs for a wide variety of projects across the state. We have a strong history of providing quality products, friendly service, and professional partnership to the construction industry and business community for the past six decades. You can rest easy knowing our products and services will be high-quality, on-time, and on-budget because we are committed to building better.
Most Outstanding Adaptive Re-use Project

method studio Corporate Office

Located on the edge of Salt Lake’s Granary District, the historic Cummins Diesel building provided a unique adaptive re-use challenge: turning a neglected, 13,500 SF diesel repair shop into a hip, functional space for a progressive architectural firm—one that inspires clients and employees alike for method studio.

The design team sought a space that showcases its commitment to community and sustainability, and reflect their ideals of authenticity and innovation. Convincing the building owner that a switch from industrial to office space was the first challenge. But showcasing the long-term value to their company and the Granary District neighborhood assured them that this would be a great way to revitalize the space.

The project enhances method studio’s mission to create “meaningful places and relationships” while still paying respect to the “gritty roots” of its past. Original materials were cleaned and repurposed, contrasting nicely with sleek new materials of glass, hot-rolled steel and custom striated panels. Rooms are even named referencing its original use—oil pit, the garage, engine room and more. Sustainable features include LED lighting, high-efficiency systems, and natural daylighting.

This project is a wonderful microcosm for the outstanding architectural changes coming to neighborhoods across the capital.

Owner: Kimball Investment
Architect: method studio
General Contractor: Layton Construction
Electrical Engineer: Spectrum Engineers
Mechanical Engineer: Spectrum Engineers
Structural Engineer: Structural Design Studio
Furniture: Herman Miller, Ikea
Electrical Subcontractor: Taylor Electric
Mechanical Subcontractor: DB Mechanical
Other Specialty Contractors: Rightway Steel, Bountiful Glass, Dal-Tile, Red Rock Demolition, Contempo Cabinets

Turning an old 13,000 SF diesel repair shop into a stylish office space showed method studio’s commitment to progressive architecture.
Thursday, January 23

2020

7 a.m. to 11:45 a.m. | Vivint Smart Home Arena

REGISTER NOW
naioputahevents.org
Your Mechanical Design-Build Partner

Providing the industry with innovative solutions for efficient, long-lasting mechanical systems.

ARCHERMACH.COM

P: 801 250 4080
F: 801 250 3983

2745 West California Ave
Salt Lake City, UT 84104
Rooms within the redesigned space are even named to reference the original use—oil pit, the garage, engine room and more. (photo courtesy Endeavour Architectural Photography as well as two bottom photos on Pg. 22)
Most Outstanding Airport Project
Duncan Aviation

This stellar, $70 million project in Provo includes a 220,000 SF maintenance and modifications center, along with a state-of-the-art, 53,000 SF paint facility for the company’s coatings operation. Situated on a 44-acre site, the project also includes more than 500,000 SF of aviation-rated concrete paving, 400 surface parking spaces, and a 90,000-gallon fuel farm.

The campus reflects a collaborative design resulting in highly-functional and aesthetically-pleasing buildings. Crews performed yeoman-like work in reinforcing poor soil conditions with more than twenty-five hundred 20-inch diameter aggregate piers. Pre-engineered and conventional steel structures form the structural system, which includes a 200-foot clear span hangar bay.

Building features include large areas of exterior glass walls to take in the views of the surrounding mountains and energy efficient electrical and mechanical systems throughout. The design includes access to two sides of the hangar bays which facilitates efficiency movement of aircraft on a daily basis.

As the site includes over 44 acres of developable land, excuse the pun, Provo’s airport area is ready for liftoff.

Owner: Duncan Aviation
Architect: Tectonic Management Group, Inc.
General Contractor: Tectonic Management Group, Inc.
Electrical Engineer: BCER Engineering
Mechanical Engineer: The Ballard Group, Inc.
Structural Engineer: Robbins Engineering
Civil Engineer: Alfred Benesch & Company
Geotech: RB&G Engineering
Landscape Architect: In Site Design Group
Electrical Subcontractor: Wilkinson Electric
Other Specialty Contractors: VP Buildings, Inc.

The 220,000 SF maintenance and modifications center and 53,000 SF paint facility leave Duncan Aviation ready to continue their aerospace operations into the next decade and beyond.
Hung up on bad customer service with your Internet Provider?

Make the switch!

sena wave

Unmatched Customer Support
Responsive Service
Best Value in town

ELITE Business-class
Internet / Phone / Fiber

801-217-9000

2607 S Decker Lake Blvd, Suite 100 West Valley City, UT 84119
Most Outstanding Commercial/Office Project Over $10 Million

Young Living Global Headquarters

This eye-popping, 265,000 SF building in the heart of ‘Silicon Slopes’ busts out the ‘wow factor’ with a dynamic five-story lobby that is a sight to behold. With so many eye-catching design features, where do we start? How about the three-story waterfall, the five different water features, two 3-story high living walls, or the 40-foot by 100-foot skylight framed by a complex and beautiful oval soffit? The skylight was pre-fabricated on site into sections and flown into place – the apex is a towering 80 feet above the lobby floor. Concrete reflecting pools in the center court were meticulously hand-formed, requiring a high level of skill by the contractor.

The use of off-site fabrication strategies like pre-glazing by fabricating at the subcontractor facility and having panels bunted and shipped to the construction site enabled Okland to install 1,450 panels (52,000 SF of paneling) at the rate of 1,000 SF per day.

A future sister building is part of the master plan for this 28-acre site, but for now, we’re happy to marvel at the work done on Young Living’s Global Headquarters.

Owner: Young Living Essential Oils
Owner’s Rep: Construction Management Consultants
Architect: Scholz Architects
General Contractor: Okland Construction
Electrical Engineer: BNA Consulting
Mechanical Engineer: VBFA
Structural Engineer: Dunn Associates, Inc.
Civil Engineer: CIR Civil Engineering
Electrical Subcontractor: Wasatch Electric
Mechanical Subcontractor: Archer
Mechanical Masonry Subcontractor: IMS Masonry
Concrete: Okland Construction
Furniture: Work Space Elements
Other Specialty Contractors: GEM Buildings, Unlimited Steel, Mollerup, Hadco Construction, Great Western Landscaping, Metro Tile

Owner: Young Living Essential Oils
Owner’s Rep: Construction Management Consultants
Architect: Scholz Architects
General Contractor: Okland Construction
Electrical Engineer: BNA Consulting
Mechanical Engineer: VBFA
Structural Engineer: Dunn Associates, Inc.
Civil Engineer: CIR Civil Engineering
Electrical Subcontractor: Wasatch Electric
Mechanical Subcontractor: Archer
Mechanical Masonry Subcontractor: IMS Masonry
Concrete: Okland Construction
Furniture: Work Space Elements
Other Specialty Contractors: GEM Buildings, Unlimited Steel, Mollerup, Hadco Construction, Great Western Landscaping, Metro Tile
Okland installed 52,000 SF of glass panels at the rate of 1,000 SF per day.
Most Outstanding Commercial/Office Project Under $10 Million

Lehi Tech Office Building

This $8 million, 74,000 SF building required the design and construction team to work with the owner on making it pencil on a small parcel while ensuring ample client parking.

The design called for a four-story structure with cast-in-place concrete with post-tension slabs to provide unique, cantilevered balconies on each floor—featuring expansive views of the natural environment. The balconies create an “upside-down” visual, illustrating the creativity of the design team. The “lifted” building provides an original space for the creative tech companies flocking to Silicon Slopes.

The inverted construction technique is not typically found in office buildings, but one that proved to be more cost-effective—very important in light of today’s heightened material costs and readily available concrete in Utah. It also allowed for more creative design elements to be incorporated.

The collaboration between architect and contractor proved that creative vision and hard work can accomplish anything.

Owner: Dry Creek Properties
Architect: Beecher Walker
General Contractor: Rimrock Construction
Electrical Engineer: Hunt Electric
Mechanical Engineer: CCI Mechanical
Structural Engineer: Dunn Associates, Inc.
Civil Engineer: Excel Engineering
Landscape Architect: Loft Six Four
Electrical Subcontractor: Hunt Electric
Mechanical Subcontractor: CCI Mechanical
Concrete: Pikus Concrete
Other Specialty Contractors: Clegg Steel, Capitol Commercial Glazing, Nicolson Construction, Muddy Boys, DG Concrete

This project, and the developer’s next phase, marks Lehi City’s first-ever transit-oriented development zone overlay, with future connectivity to Lehi’s Main Street.
Summit at the Cairns coming soon.

A love of good design.

Our work includes office, hospitality, multi-family residential, senior communities, entertainment/cultural venues, restaurant, retail, and industrial.

beecher walker
Architecture/Interiors

801.438.9500
www.beecherwalker.com

AGC Architectural Firm of the Year
Most Outstanding Commercial/Retail Project

Herriman State Liquor Store

The State Liquor Store in Herriman continues the DABC’s effort to build architecturally unique stores that brighten the customer experience.

The extensive use of wood, including Cross Laminated Timbers (CLT), offered challenges during construction, but ultimately provided a nice look throughout the building. The timber panels weigh up to 8,000 pounds, with beams weighing nearly 2,000 pounds apiece. Although the technique of using CLT was new to owner, architect, engineer and contractor, each went to great lengths to assure that all parts and pieces would fit both physically and aesthetically.

An atrium and feature wall display a custom art piece created with colored duct tape. The building layout takes advantage of natural contours in the earth. The use of brick and glass create a beautiful exterior, which includes a trellis that is designed to create shading over windows and shadow patterns on walls while letting in the abundance of natural light. Tall ceilings, copious amounts of natural light and wide product tiles create an inviting interior for customers to enjoy.

Beautiful architecture and unique design? Cheers to that!

Owner: Utah Department of Alcoholic Beverage Control (DABC)
Architect: Archiplex Group
General Contractor: Ascent Construction, Inc.
Electrical Engineer: Envision Engineering
Mechanical Engineer: WHW Engineering
Structural Engineer: BHb Engineers
Civil Engineer: Great Basin Engineering
Electrical Subcontractor: American Electric Company
Masonry Subcontractor: Harv & Higam Masonry
Plumbing: Reliable Plumbing
Concrete: Kreet Concrete
Other Specialty Contractors: Utah Ornamental, Steel Encounters, OC Tile, Timberworks, Advantage Excavation
Cross Laminated Timbers give the Herriman store an aesthetic unique from others across the state.
thank you for 100 years of great partnerships in the community
Most Outstanding Community Impact Award
Geraldine E. King Women’s Resource Center

This 60,000 SF, $14.2 million project is one of three resource centers for people in the greater Salt Lake Valley experiencing homelessness and marks a new day in how we tackle this difficult societal problem.

The Geraldine E. King Women’s Center is a women’s-only facility that is extremely functional. Built to the state’s High Performance Building Standards, the space is capable of serving 200 women at a time. A carefully designed floor plan utilizes “trauma-informed design,” a system that recognizes how the physical environment affects the individuals sense of identity, worth, dignity and empowerment. The facility offers a safer, more secure environment through layered spaces and intentional connections, both visually and acoustically. Rooms are warm and inviting, with plenty of natural daylighting. The flexible spaces help service providers meet the needs of their clients and implement evolving strategies for support and engagement.

Exterior courtyard features were made with board-form concrete, including tear drop-shaped planters which all help connect the structure to the neighborhood and the community as a whole.

Owner: Shelter the Homeless
Architect: ajc architects
General Contractor: Okland Construction
Electrical Engineer: Spectrum Engineers
Mechanical Engineer: Colvin Engineering Associates
Structural Engineer: Reaveley Engineers
Civil Engineer: Meridian Engineering
Electrical Subcontractors: West Tech, Wasatch Electric, STF Electric
Mechanical Subcontractor: Comfort Systems
Concrete: KH Love Steel Fabrication,
Steel Erection: Sanpete Steel,
Unlimited Steel
Other Specialty Contractors: Sunroc, Great Western Landscaping, Olympus Precast, Reynolds Excavation, JDM Tile

The 60,000 SF of trauma-informed design creates inviting rooms with plenty of natural light. The center can serve 200 women at a time while they get back on their feet.
Most Outstanding Concrete/Structures Project
Soaring Canyon Bridge

With constrained space for the crane and multiple trades working on site, the challenging logistics made for a wonderful project with the Soaring Canyon Bridge.

The bridge construction team carefully planned deliveries up the steep terrain and to the space-constrained site, meeting with the homebuilder and other trade partners to coordinate weekly delivery schedules. The close coordination between all parties, though testing, helped to make the project a remarkable experience.

The team took special care to ensure that rolled guardrail and tube steel fascia matched the bridge deck radius and slope. Steel elements were shaped using a process called induction bending, in which the metal is super-heated and sections simultaneously rolled and then cut with compound miters.

This complex, S-shaped box girder bridge serves as the entrance to a private residence at The Colony at White Pine Canyon and is certainly one of the more unique bridge structures in the state. Rather than fighting against the steep slope, this bridge climbs the mountain, co-existing with the sloped terrain and showcasing the site’s evergreen trees. Sleek and modern, the bridge adds to the beautiful overlook the mountain location affords.

Owner: Lowell Construction
Design Firm: Michael Baker International
General Contractor: Ralph L. Wadsworth Construction
Structural Engineer: Michael Baker International
Concrete: Ralph L. Wadsworth Construction, Geneva Rock (supplier)
Steel Fabricator: AMFAB, CMC Rebar

The S-shaped box girder bridge is a testament to the importance of logistics in such an ambitious project.
The bridge is a well-executed nod to the mountain terrain found in the neighborhood.
Most Outstanding Concrete/Tilt-Up Project
Stout Office Building

Tilt-up concrete is the star on this beautiful, two-story, 15,500 SF office building, which showcases the general contractor’s skills with its unique combination of steel braces, raw interior concrete panels, exposed concrete floors, and industrial-style ceilings. It all serves to emphasize bold, confident design elements.

Floor to ceiling glazing floods interior spaces with natural light and strategically selected glass partitions allow that light to wander through the building. The functional building includes an expansive break room that can open into one large room, or be divided into three separate, smaller rooms. Steel framing is used to support the majority of the building, while the bold, exposed tilt-up panels ignite the architectural appeal.

With the building resting on a heavily trafficked street in Bountiful, Utah, and surrounded by older development, Stout’s bold construction, variety of materials, and landscaping raises the standard for buildings along the street. This example of high-quality craftsmanship will surely have a positive ripple effect for Bountiful and breathe life into the city’s architecture and beautify the surrounding community.

Owner: Stout Building Contractors
Architect: AE Urbia
General Contractor: Stout Building Contractors
Electrical Engineer: Cloward H20
Mechanical Engineer: David L. Jensen & Associates
Structural Engineer: AE Urbia
Civil Engineer: Dominion Engineering
Electrical Subcontractor: Next Level Electric
Mechanical Subcontractors: Custom Mechanical Design (HVAC), S&B Plumbing (Plumbing)
Other Specialty Contractors: C Barker Glass Inc, Thueson Masonry, Certified Sales & Service, Keith Kap & Sons Excavating, Waterscape Landscaping

Floor to ceiling glazing lets in natural light that meanders through the Stout Office Building.

Two stories of tilt-up concrete are the showpiece for this 15,500 SF project in the heart of Bountiful, Utah.
Most Outstanding Entertainment Project
UVU Noorda Center for the Performing Arts

Superlatives abound on this 130,000 SF, world-class performance center at Utah Valley University.

The design of this project inspires creativity in many ways, with integrated media walls, dramatic art pieces and a stunning curved glass/curtain wall system that floods the building with natural daylight. Details are meticulous throughout the various spaces, with a transparent and connective floor plan that is essential in the building’s functionality.

From the gently curving glass façade and aligned curved wood and metal canopy, to the juxtaposition of ceiling planes, metal wall panels, and wood shrouds and walls—all of it stimulates imagination and innovation while encouraging community engagement with the arts.

The concert hall offers superb acoustic performance and variability, with nine adjustable acoustic reflectors, the first of its kind in Utah, on a motorized canopy winch system working together to achieve perfect sound qualities in this incredible entertainment space.

The center will host 120 shows annually featuring an array of performing arts. With breathtaking views toward the imposing Mount Timpanogos, UVU now has a facility to serve as an inspiring, expressive space to house and enhance the arts.

Owner: Utah Valley University
Architect: method studio
General Contractor: Layton Construction
Electrical Engineer: Spectrum Engineers
Mechanical Engineer: Colvin Engineering Associates
Structural Engineer: Reaveley Engineers
Civil Engineer: Ensign Engineering
Landscape Architect: LoftSixFour
Electrical Subcontractor: Wasatch Electric
Mechanical Subcontractor: Team Mechanical (HVAC), KOH Mechanical (Plumbing)
Masonry Subcontractor: IMS Masonry
Steel: Mountain States Steel, Inc. (Fabrication), J&M Steel Solutions, Inc. (Erection)
Concrete: Layton Construction, WW Const
Other Specialty Contractors: Millcreek Tile & Stone, Boswell-Olsen, Noorda Building Envelope Contractor, Staker Parson, TID Demolition, Great Western Landscaping
A curving glass façade is just one of the many features of the 130,000 SF performance center that guests will see when attending one of the 120 shows each year.
(photos courtesy Endeavour Architectural Photography)

ANOTHER GREAT PERFORMANCE
Proud to add UVU’s Noorda Center for the Performing Arts to our repertoire

Hale Centre Theatre
Eccles Theater
Snow College George S. & Dolores Dore Eccles Performing Arts Center
Brigham Young University Museum of Art
University of Utah Museum of Fine Arts
Utah State University Morgan Theater

Dixie College Dolores Dore Eccles Fine Arts Center
Westminster College Emma Eccles Jones Conservatory
Tuacahn
Utah Cultural Celebration Center
The Conference Center Theater
Most Outstanding Green/Sustainable Project

Soleil Lofts Apartments

These apartments are a one-of-a-kind, 600-unit, all electric development in Herriman, which also acts as a virtual power plant managed by Rocky Mountain Power. It’s as off the grid as you can get without ever leaving the grid. The eye-popping $150 million project features 500,000 SF of total space spread out over a variety of building types—21 total—with secured underground parking along with a 45,000 SF clubhouse.

A great deal of innovation was required to turn an apartment complex into a power plant from an efficiency standpoint. The project was engineered assuming minimal air leakage to minimize air exchanges and heating/cooling loss. The construction team used an innovative envelope sealing technology called AeroBarrier to fill any gaps that were missed, and reduced the leakage in the units to one air change per hour. Each room has an Energy Recovery Ventilator that allows fresh air into the building, while retaining pre-conditioned heating or cooling.

Sustainable items include LED fixtures, high-efficiency plumbing and HVAC systems, a resilient air barrier system, and on-site solar power that accounts for 85% of overall power. Forbes magazine called the project “the first master-planned apartment community in the world that is a virtual power plant with solar and storage.” What a powerhouse.

Owner: Soleil Apartment Holdings, LLC.
Architect: Architecture Belgique
General Contractor: Wasatch Commercial Builders
Electrical & Mechanical Engineer: PVE Inc.
Structural Engineer: McNeil Engineering
Civil Engineer: FOCUS Engineering & Surveying
Geotech: Infinity Utah
Electrical Subcontractors: Hunt Electric, Bullett Electric, Eyre Electric
Mechanical Subcontractor: Precision Heating & Cooling (HVAC), Shamrock Plumbing (Plumbing)
Masonry Subcontractor: EGreen Exteriors
Steel Fabrication: SN Custom Railing, Clegg Steel, A1 Iron
Concrete: Green Construction
Other Specialty Contractors: Reynolds Excavation, Olympus Precast, Bro’s Construction, CP Build, Capitol Glazing,
Most Outstanding Large Healthcare Project
Intermountain Cancer Center St. George

This cutting-edge, $49 million project is a key addition to the Dixie Regional Medical Center campus in St. George. The location leads to wonderful views of the Pine Valley mountains and surrounding red rock. The open design in the inpatient areas allow patients and staff alike to enjoy the scenery.

The 90,000 SF center includes an open design, with cutting-edge genomic cancer research labs featuring public windows that allow patients and visitors to see work in progress. A warm, inviting interior offers a monumental stairwell, sturdy terrazzo flooring, rich wood paneling and a grand chandelier to welcome patients and staff.

Challenging site conditions required the contractor to drill hundreds of concrete piers ranging from 15 feet to nearly 50 feet deep in some places. Due to labor challenges, the contractor also made sure to plan in a way that procurement would not drive the schedule, but that materials would be fabricated and ready to go for construction.

The team coordinated well to keep this project moving forward.

Owner: Intermountain Health Care
Architect: HDR Architects
General Contractor: Okland Construction
Electrical Engineer: Spectrum Engineers
Mechanical Engineer: VBFA
Structural Engineer: Reaveley Engineers
Civil Engineer: Great Basin Engineering
Geotech: Klienfelder
Electrical Subcontractors: Cache Valley Electric
Mechanical Subcontractor: US Mechanical
Masonry Subcontractor: Allen’s Masonry
Steel Fabrication & Erection: Glassey Steel
Concrete: Okland Construction
Furniture: Midwest Commercial Interiors
Other Specialty Contractors: Steel Encounters, B & S Drywall, Superior Tile, Spectra Flooring, JP Excavation
Boost Team Productivity and Convenience

The HP DesignJet T930 Printer delivers construction drawings in seconds.

- 36-inch, 6-color printer for professional CAD and GIS applications
- 24” x 36” prints delivered in 21 seconds
- Top stacker for up to 50 sheets

Rent a T930 for $75 per month!

monsenengineering.com | 800-821-0672
Most Outstanding Small Healthcare Project

**doTERRA Expansion: Medical Clinic & Research Facility**

This most recent addition of essential oil giant doTERRA’s burgeoning campus is this 50,000 SF medical building meant to serve local employees in a warm, healing environment. It is part of a huge campus expansion for the Pleasant Grove, Utah company, including a 200,000 SF call center, 180,000 SF operations facility and a 67,000 SF office building with day care facilities.

Unique design elements are found throughout the medical facility – myriad beautiful art glass butterflies and other glass work. The interior aesthetic fits well with the other buildings on campus, as three large art glass pendants hang from custom armatures above each entry of the Operations Building. The call center features more than 900 glass-blown orbs, creating a stunning work of art.

**Owner:** doTERRA International  
**Architect:** VCBO Architecture  
**General Contractor:** Jacobsen Construction Company, Inc.  
**Electrical Engineer:** BNA Consulting  
**Mechanical Engineer:** VBFA  
**Structural Engineer:** Dunn Associates, Inc.  
**Civil Engineer:** Anderson Wahlen & Associates  
**Electrical Subcontractor:** Rydalch Electric  
**Masonry Subcontractor:** Child Enterprises  
**Steel Fabrication & Erection:** HA Fabricators  
**Landscape Architect:** Arcsitio  
**Excavation & Demolition:** Hadco  
**Other Specialty Contractors:** LCG Facades, Alpine Drywall & Wallboard Specialties Inc., KJ Tile, Inc., Diversified Flooring
WE CAN’T MAKE UTAH’S ROADS SAFE WITHOUT THE PEOPLE WHO MAKE UTAH’S ROADS.

When you create a safe work environment for construction projects, you help save lives on Utah’s roads. Together, we can achieve zero fatalities.

Visit ZeroFatalities.com and help us reach the goal.
This pristine, 130,000 square-foot facility fills the growing demand for biological science programs on the Logan campus. The $34 million building includes new teaching labs, open labs for insect and plant collection, classrooms, workshops and a research symposium. It also includes an expansive 350-seat lecture hall and 5,000 SF of student study space.

The Life Sciences Building façade is inspired by the natural cleft of rock that forms Utah’s canyon faces where opportunistic plants and animals inhabit the crevices. Made of GFRC (glass fiber reinforced concrete), these long, prefabricated units are stacked and undulate to become a new form of masonry that has the look and feel of stone and fits into the campus context of neighboring brick buildings.

The building interior separates the laboratories from office and classroom spaces, affording the building the chance to have two distinct yet complementary mechanical systems. The separate systems led to significant energy savings and helped give the building a social heart in the bright and airy multi-level zone.

One of Utah State’s flagship buildings includes a fun, interactive commons space for students and faculty, a trendy café, and a beautiful atrium. The project even earned national recognition for its architectural precast concrete.

Owner: State of Utah - DFCM / Utah State University
Architect: VCBO Architecture
General Contractor: Jacobsen Construction Company, Inc
Electrical Engineer: Spectrum Engineers
Mechanical Engineer: VBFA
Structural Engineer: ARW Engineers
Civil Engineer: Cache Landmark Engineering
Geotech: CMT Engineering Laboratories
Electrical Subcontractor: Cache Valley Electric
Mechanical Subcontractor: VO Brothers Mechanical
Masonry Subcontractor: Allen’s Masonry Company
Steel Fabrication & Erection: Sanpete Steel LLC
Landscape Architect: Arcsitio

Most Outstanding Higher Education Project
Utah State University Life Sciences Building
The building façade, made of glass fiber reinforced concrete, pays homage to the state’s canyon faces and blends naturally into the rest of campus.
Most Outstanding Highway Over $10 M Project
SR-68/I-215 Reconstruction

The design of the SR-68 widening with the I-215 Diverging Diamond Interchange (DDI) fully integrates UDOT’s “Keeping Utah Moving” vision for this area.

From its earliest design stages, this project aimed to optimize the mobility of 40,000 daily motorists, which were often stuck at a standstill during peak traffic times. The DDI concept provided a solution to help with restricted traffic flows and also minimized traffic impacts during construction. The project also called for the alignment to be adjusted between the switch-over crossing and the switch-back crossing, so that there was zero skew in the bridge.

This area of southern Davis County is very industrial and generates a high percentage of truck traffic. The roadway traffic modeling, turning radiues, and MOT plans reflected this fact and accommodated these vehicles. The project design also accommodated bicycles and pedestrian traffic on SR-68 as it crosses I-215.

Now complete, the SR-68 and I-215 Reconstruction Project offers the residents and businesses of North Salt Lake a new and drastically improved transportation system to promote further growth and development of the surrounding area.

Owner: Utah Department of Transportation
Lead Design Firm: Stanley Consultants
General Contractor: Sundt Construction
Geotech: Terracon
Asphalt Paving: Staker Parson
Electrical Subcontractor: KV Electric
Signage: Cache Valley Electric
Concrete: Harper Ready Mix
Other Specialty Contractors: LeGrand Johnson Construction, Redcon, CMT Engineering Laboratories

Serving 40,000 daily motorists, the road rebuild offers residents and visitors an improved motorway—accommodating even bicycle and pedestrian traffic in southern Davis County.
Most Outstanding Highway Under $10 M Project
Cisco Road Improvements

The $9.7 million Cisco Road project included the reconstruction of nine miles of scenic roadway with a new bike path, as well as an overlay of another 3.5-mile section of the existing road and bike path. The project included widening the road from 22 feet to 37 feet, which included 11-foot-wide lanes in each direction, paved shoulders, and an eight-foot-wide bike path. The project also included grading, drainage, culverts and asphalt paving.

As the previous iteration of the 12.5 mile road was narrow and deteriorating, the improvements help cater to residents and visitors of the Bear Lake area. Completion of this project provides many benefits for the community, including enhanced safety for bikers and other travelers and increased recreational and economic opportunities, as now visitors can utilize the entire perimeter of Bear Lake.

Owner: Rich County
Lead Design Firm: Jones & DeMille Engineering
General Contractor: Whitaker Construction
Civil Engineer: Jones & DeMille Engineering
Other Specialty Contractors: Peck Striping

Bikers and motorists alike will enjoy the widened road and beautiful views of Bear Lake.
The 12.5 mile Cisco Road got the attention it deserved, with a 3.5 mile overlay and nine miles of new asphalt, grading, drainage and culverts.
As one of Alta’s five European-style ski lodges, the famous spot is also one of the oldest structures in Little Cottonwood Canyon.

Being such an iconic structure, Okland made sure to honor the commitment to keep the charm of the lodge. The 16,000 SF renovation and addition to this facility was designed with a sense of warmth and charm and now includes 78 new rooms. The renovated lodge includes cozy lounge areas, sweet guest rooms and roomy family suites, along with a full-service restaurant and bar.

Utah’s unpredictable winter weather and a limited amount of space to work presented challenges, a huge team effort made it a successful renovation. Trades came together to carpool and the contractor used just-in-time delivery to minimize congestion on the job site. While it was a challenge, working together helped to keep the Town of Alta humming during the busy winter seasons.

It’s got plenty of state-of-the-art, high-end amenities for the ski enthusiast. This four-star resort now clocks in at a spacious 78,000 SF – a true transformation!

Owner: Snowpine Real Property, LLC
Architect: Caddis Architecture
General Contractor: Okland Construction
Electrical Engineer: Spectrum Engineers
Mechanical Engineer: Spectrum Engineers
Structural Engineer: CTS Engineering
Civil Engineer: Alliance Engineering Inc
Geotech: IGES David Glass
Electrical Subcontractor: STF Electric
Mechanical Subcontractor: Innovative Sheet Metal (HVAC), AMCI (Plumbing)
Masonry Subcontractor: RJ Masonry
Steel Fabrication & Erection: Harris Rebar, Glassey Steel
Other Specialty Contractors: Mollerup Glass, CSI, Grow Painting, Western Automatic Sprinkler, Superior Tile, Masterpiece Millwork, Diversified, Western Building Group, Waterproofing West, Siri Excavation

One of Alta’s oldest structures now features high-end amenities like the full-service restaurant and bar as a part of the 16,000 SF renovation.
The now 78,000 SF resort includes 78 new rooms for visitors.
Most Outstanding Industrial Project
Paparazzi Accessories Office and Warehouse

Concrete is the star of this massive, $12.5 million, 102,000 SF office/warehouse project in St. George, including colored, aesthetically-pleasing tilt-up concrete panels and a massive 63,000 SF MagicSlab concrete floor. It is the second largest MagicSlab floor ever poured by the contractor, and has no joints, cracks, visible saw-cuts, or caulking—a remarkable outcome for the patented process.

In an effort to expedite the warehouse’s construction, the team poured the tilt-up panels and the flooring at the same time, rather than pouring the floor first. This way the concrete could simultaneously cure and the panels could be lifted sooner. The concrete tilt-up panels were laid out and poured on casting beds away from the building footprint, allowing for the footings and foundation work to run concurrently with tilt-up panel construction. This coordination helped expedite the overall construction of the project.

The office features beautiful, high-end finishes, a rounded, mirrored staircase and a spacious showroom displaying the company’s unique jewelry items. Don’t be surprised if the new building attracts... well... paparazzi!

Owner: Paparazzi Accessories, Kirby & Reeve, LLC
Architect: MRW Design Associates Inc.
General Contractor: Hughes General Contractors
Electrical Engineer: MRW Design Assoc. Inc.
Mechanical Engineer: Ace Mechanical
Structural Engineer: MRW Design Assoc. Inc.
Civil Engineer: Bush and Gudgell Inc.
Geotech: Bush and Gudgell Inc.
Electrical Subcontractor: Snow Electrical Inc
Mechanical Subcontractor: Ace Mechanical (HVAC), Bringhurst Plumbing (Plumbing)
Masonry Subcontractor: BA Robinson Construction, Inc.
Steel Fabrication & Erection: Hanson Welding & Fabrication Inc
Landscape Architect: MRW Design\Assoc. Inc.
Other Specialty Contractors: Faus Glass, B&S Drywall, Accent Painting, HB Flooring Solutions, HB Flooring Solutions
High-end finishes and mirrored staircase help showcase Paparazzi’s commitment to glamour.

HughesGC.com
801.292.1411
900 N. Redwood Rd.
North Salt Lake, UT

Paparazzi
Phase 1
Paparazzi
Phase 2
Innovation
to
Excellence
FROM
EXCELLENCE
TO
INNOVATION
Most Outstanding Industrial Project

Award Winner

© Magic Slab Project
INNOVATIVE SPACES for EDUCATIONAL EXPERIENCES

vision made real

www.mhtn.com

Buildable Solutions

The only walls you will be climbing are the recreational kind.

STEEL ENCOUNTERS

STEEL JOIST & DECK
BUILDING ENVELOPE
CURTAIN WALL
Most Outstanding Large K-12 Project
Mountain Ridge High School

Modern-day educational facilities continue to push the envelope in regards to dazzling design and exquisite functionality. This new $76 million project in Herriman is a robust 400,000 SF on two levels and is a 21st century reinvention of Jordan School District’s prototype high school.

One modification to Mountain Ridge High School that differentiates it from the prototype was moving the media center to the second level and shifting the cafeteria behind the commons. This simple design shift aligned and opened the cafeteria to the enlarged commons, resulting in an active, engaging social space at the center of the school, one with interesting design elements from which we could all learn.

The academic side of the school is designed with a flexible steel structural system. The flexibility of a steel frame structure allowed the design team to incorporate emerging learning communities. Learning labs located throughout the school support modernized learning and engagement.

The gymnasium has been designed with a second level running track and retractable arena-style bleachers, creating a dynamic space that elevates student wellness and capable of housing entire student body assemblies. This structure also easily accommodates future remodels as new teaching methodologies evolve and develop.

Owner: Jordan School District
Architect: MHTN Architects
General Contractor: Westland Construction
Electrical Engineer: Great Basin Engineers
Mechanical Engineer: Olsen & Peterson
Structural Engineer: Reaveley Engineers
Civil Engineer: Great Basin Engineers
Electrical Subcontractor: Arco Electric
Mechanical Subcontractor: Koh Mechanical
Masonry Subcontractor: Doyle Hatfield
Concrete: Kenny Seng / Western States
Steel Fabrication & Erection: Steel Encounters, Clegg Steel
Landscape Architect: MHTN Architects
Other Specialty Contractors: Skyview Glass, NTL Drywall/Mitchell Acoustics, Q&I Painting, Millcreek Tile and Stone, Johnson Brothers, Western Wholesale Flooring, Utah Tile and Roofing, Unique Custom Exteriors, Kenny Seng

At 400,000 SF, the two-story high school in Herriman is a leading example of modern building innovation in K-12 construction. (photos courtesy Endeavour Architectural Photography)
Most Outstanding K-12 – Small Project
Mound Fort Jr. High Innovation Center

The first of its kind in Utah, this $3.5 million, 13,000 square-foot facility provides unique learning opportunities for students in 21st century STEM subjects including engineering, design, modeling, video production and robotics. The design of the building enables creativity and learning, featuring flexible areas that support project-based learning instead of traditional classrooms.

The school also includes a “maker space” where students can turn their ideas into reality.

All building elements are tied into the Building Automation System and are on display, in real time. The school incorporates “Building as a Learning Tool” (BLT), where students can easily see color-coded building systems—structural, plumbing and electrical features—offering another level of education about the built environment.

The Mound Fort Junior High Innovation Center provides a flexible space for students to collaborate, communicate, think critically and think creatively while solving authentic problems. The school hopes to be a leader in educating future generations of the A/E/C industry.

Innovation is certainly the feature in the 13,000 SF facility. With “maker spaces” and other features, students can engage in STEM learning in a creative, project-based atmosphere.
The center offers plenty of flexible areas to give students space to think creatively and critically.

LOCAL TALENT, REGIONAL PRESENCE, NATIONAL REACH

We’re Harris! And we’re proud to add to the beauty of the Utah landscape with the buildings we help create. Whether you need a partner for design and engineering, construction, manufacturing, controls, service, conveyors or an end-to-end building system, think of Harris first.

SALT LAKE CITY
1193 West 2200 South, Suite A
Salt Lake City, UT 84119
o: 801.433.2640

GET TO KNOW US HARRISCOmpany.com
Most Outstanding Multi-Family Project
Pierpont by Urbana Apartments

In an era of unmatched multi-family construction activity, this eight-story apartment complex stands out for its stately design, including a simple, exposed concrete and red masonry exterior design which pay respect to the historic neighboring buildings.

Contractors were challenged by a tight, downtown site with limited access and small staging area but met the obstacles head on to produce the beautiful Pierpont by Urbana Apartments. The design and construction even includes a discreet two-ramp parking system to provide secured parking to residents as well as the neighboring Firestone building.

The complex includes 87 walkable residential units with a host of on-site amenities, while offering stunning city views to go with a beautiful, inviting inner courtyard for outdoor activities. Rooms are modern and inviting, with plenty of natural daylighting and sustainable mechanical and electrical systems.

It’s a compliment to the historic area and is destined to become a landmark in its own right.

Owner: Gardiner Properties, LLC
Architect: Lloyd Architects
General Contractor: Zwick Construction
Electrical Engineer: Spectrum Engineers
Mechanical Engineer: David L. Jensen & Associates
Structural Engineer: Calder Richards Consulting Engineers
Civil Engineer: Dominion Engineering
Geotech: CMT Engineering Laboratories
Electrical Subcontractor: WB Electric
Mechanical Subcontractor: UMC
Masonry Subcontractor: Unique Custom Exteriors
Steel Fabrication & Erection: Rightway Steel
Landscape Architect: Premier Landscapes
Other Specialty Contractors: Midwest Bountiful Glass Co., Solid Drywall, Gregory Brown Painting, Design Team, MTA Development, Mountain West Waterproofing, Weather Shield, Jones Excavating
The development includes 87 walkable residential units with inspiring downtown views and a bevy of amenities.
Most Outstanding Municipal/Building Project
Salt Lake City Mosquito Abatement Complex

This innovative, $11.5 million project includes 59,000 SF of space spread out over six buildings, including: admin offices; a chemical storage facility; vehicle storage and maintenance buildings; a fish rearing building; and a level-2 biosafety laboratory with dorms for visiting researchers.

Dark-stained polished concrete floors contrast nicely with white interior surfaces and carpeted areas offer colorful red accents. The employee cafeteria features wood-grained vinyl flooring and wood-grained cabinets while guest dorms offer a contemporary feel. With owner, design team and construction team committing fully to high-quality work, the Salt Lake Mosquito Abatement District now has a building deserving of the important work done there.

The building is designed to LEED standards; sustainable items include efficient systems, solar panels on the parking structure, and electrical vehicle charging stations. Mechanical systems are also 25 percent more efficient than standard systems, with the administration building zoned to reduce energy use in unused portions of the building in winter.

It showcases a renewed commitment to public health in our state with our unique challenges being so close to a wetland.

Owner: Salt Lake City Mosquito Abatement Complex
Architect: Scott Olcott, Kathy Phillips
General Contractor: Hogan & Associates Construction
Electrical Engineer: Rocky Mountain Consulting Engineers
Mechanical Engineer: VBFA
Structural Engineer: BHB Engineers
Civil Engineer: Forsgren Associates
Electrical Subcontractor: Wasatch Electric
Mechanical Subcontractor: Koch Mechanical
Masonry Subcontractor: Horizon Masonry
Steel Fabrication & Erection: Steel Encounters, Right Way Steel (Fabrication) MDS Steel (Erection)
Landscape Architect: Design West Architects
Other Specialty Contractors: NGI Glass Corp, CLAYCO, Mitchell Acoustics, Hendricksen Painting, JRC Tile & Stone, Advanced Millwork Components & Installations, Flooring Services, C&L Coatings of Utah, Rodac, Western States Waterproofing

The 59,000 SF is spread out over six buildings, including: admin offices; a chemical storage facility; vehicle storage and maintenance buildings; a fish rearing building; and a level-2 biosafety laboratory with dorms.
Guest dorms offer a comfortable and contemporary feel for visiting researchers doing important work in public health.

At Parr Brown, we take a hands-on approach to construction law. We’re with you in the trenches and focused on getting results.

Learn more at parrbrown.com.

PARR BROWN
GEE & LOVELESS
ATTORNEYS AT LAW

101 South 200 East, Suite 700
Salt Lake City, Utah 84111
Most Outstanding Municipal/Utility Project
Southwest Aqueduct Reach 1

This nearly $16 million project includes a bevy of big-time mechanical systems, starting with new welded steel pipeline ranging from 66 inches to 90 inches in diameter. Other aspects include large valve vaults and flow control valves, a new standpipe facility along with myriad large diameter fittings, special fabrications and connections.

Because of the technical nature of the project, craftsmanship and quality control were paramount to its success. The entire construction team worked together to ensure every joint was installed to meet strict tolerances. The project team saved the owner considerable money by repurposing the existing surge tank to fit new pipe and flow conditions, with existing 54-inch valves moved and a new meter added.

It’s 12,000 feet of new pipeline to connect and improve water connections across Salt Lake and Utah counties, with significant connections and improvements at Point of the Mountain, Jordan Narrows Pump Station, Jordan Narrows Pipeline Interconnection and Jordan Valley Water Treatment Plant.

While the project is largely underground, the work done in helping this project transport water is beautiful in and of itself.

**Owner:** Jordan Valley Water Conservancy District
**Lead Design Firm:** Bowen Collins & Associates
**General Contractor:** COP Construction
**Electrical Subcontractor:** Morris Electric, Inc
**Steel Fabrication & Erection:** Martin Steel, All Pipe Works
**Other Specialty Contractors:** Hardco Concrete, IBEX Concrete

Owner: Jordan Valley Water Conservancy District
Lead Design Firm: Bowen Collins & Associates
General Contractor: COP Construction
Electrical Subcontractor: Morris Electric, Inc
Steel Fabrication & Erection: Martin Steel, All Pipe Works
Other Specialty Contractors: Hardco Concrete, IBEX Concrete
Most Outstanding Parks/Recreation Project

Timpanogos Cave Visitor’s Center

A sleek yet rustic design graces this beautiful new $4 million project, located at one of Utah County’s most popular natural outdoor attractions—The Timpanogos Cave National Monument.

Built to LEED Silver standards, major construction items for the visitor’s center included a new, 4,000 SF building, an outdoor pavilion with seating, a pedestrian plaza and roadway realignment. Board-formed concrete walls and tasteful landscaping are nice elements. A 40 ft. by 300 ft. soil nail retaining wall helped create a useable parking area.

Environmentally sensitive construction methods were used to reduce impact to American Fork Canyon. The project includes sustainable materials, energy efficient lighting, water-bottle fill stations and native, low-water-use landscaping—all done to uphold the team’s goals of environmental stewardship.

The new visitor center is a welcome change from the previous version and is ready to accommodate the two million visitors that come to see the wonders of Timpanogos Cave. It’s a successful blend of location into architecture that adds a nice touch to a naturally beautiful site.

Owner: National Park Service
Architect: A&E Architects
General Contractor: Ralph L. Wadsworth Construction
Electrical Engineer: Associated Construction Engineering, Inc
Mechanical Engineer: Associated Construction Engineering, Inc
Structural Engineer: DCI Engineers
Civil Engineer: National Park Service
Geotech: Terracon
Electrical Subcontractor: Hunt Electric
Masonry Subcontractor: Kodiak Builders, RJ Masonry
Landscape Architect: National Park Service
Other Specialty Contractors: Green Construction, Glassey Steel Works, Mollerup Glass, Elevated Painting, Stone Touch, F.S.I. Flooring Services, North Face Roofing, Rocky Mountain Waterproofing
The 40 x 300 ft. soil nail retaining wall helped create a parking area for Utah County’s most popular natural outdoor attraction.
Outdoor recreational sports fans are rejoicing with the creation of this one-of-a-kind, multi-sport project, which includes an action sports training center and camp and caters to pretty much anything you can think of: skiing, snowboarding, BMX, skateboarding, scooters – it is a veritable X Games paradise!

Woodward Park City at Gorgoza Park includes a 42,000 square-foot training floor, 10,000 SF food and beverage area, and another 10,000 SF for administration and support. The project also features a maintenance building and athlete cabins for onsite housing.

The team took special precautions to ensure that construction would not impact this sensitive wetland area that runs adjacent to the site. They installed a slit fence and added signage to prevent pedestrians or litter from disturbing the wetlands.

The concrete and steel center features metal cladding and roofing as a nod to the area’s mining heritage. Ribbons of different metal profiles were incorporated for a modern feel, creating unique textures and varied scales of visual interest. Two large concrete skate parks showcase the contractor’s craftsmanship and skill with concrete, as the owner wanted every part of the building to be skate-able.

Gnarly, dude!

Owner: Camp Woodward
Architect: Caddis Architecture & Hans Cerny
General Contractor: Jacobsen Construction Company, Inc.
Electrical Engineer: Spectrum Engineers
Mechanical Engineer: Spectrum Engineers
Structural Engineer: Structural Design Studio
Civil Engineer: Alliance Engineering Inc.
Geotech: Intermountain GeoEnvironmental Services, Inc.
Electrical Subcontractor: Hunt Electric, Inc.
Mechanical Subcontractor: Rocky Mountain Mechanical
Steel Fabrication & Erection: Lundahl Building Systems Inc.
Glass/Curtain Wall: Noorda BEC, Inc.
Landscape Architect: Elliot Workgroup

The over 60,000 SF multi-sport project includes an action sports training center and camp, and caters to all sorts of extreme sports enthusiasts. (photos by Sohm Photograpfx)
Congratulations to this Year’s
Most Outstanding Projects

Young Living Global Headquarters
Most Outstanding Commercial/Office Project Over $75M
Engineering Excellence Honor Award Winner in 2019

SALT LAKE CITY | LOGAN | PHOENIX | ST. GEORGE
VBFA.COM | (801) 536-3143
Most Outstanding Private Under $10 M Project
National Ability Center, Equestrian Center

This $3.5 million project included the development, design and construction of a 12,000 SF addition to the existing equestrian arena and stables at the National Ability Center in Park City. This important and much needed expansion added to the program size and capability of the existing arena and stable—it’s a boon to the entire campus.

The National Ability Center empowers individuals of all abilities by building self-esteem, confidence and life skills through sport, recreation and educational programs. With its previous office space and meeting rooms maxed out, this beautifully designed expansion added much needed space for staff, volunteers, participants and their families. The expansion includes new offices, adaptable multi-purpose rooms, a modern boardroom, a viewing lounge into the arena and a new physical therapy space.

The rustic yet modern space will bring joy to everyone involved.

Owner: National Ability Center
Architect: Architectural Nexus
General Contractor: Big-D Signature
Electrical Engineer: BNA Consulting
Mechanical Engineer: Colvin Engineering Associates
Structural Engineer: ARW Engineers
Civil Engineer: Alliance Engineering
Electrical Subcontractor: Kupferschmidt Electrical Solutions
Mechanical Subcontractor: Harris Dudley Plumbing
Steel Fabrication & Erection: Timber Works Inc
Glass/Curtain Wall: Mountain Valley Glass
Landscape Architect: Stratton & Bratt Landscapes

The 12,000 SF addition to the existing equestrian arena and stables provide space to build confidence and skills of program participants.
New offices, multi-purpose rooms, physical therapy space and viewing lounge into the arena add to the National Ability Center’s capabilities.

Thank you to Brigham Young University, our partners and team members for all your hard work making this Central Utility Plant - Cogeneration Upgrade a successful and award winning project!

bodellconstruction.com
Corporate Headquarters
586 Fine Drive. Salt Lake City, UT 84115
Tel. 801.261.6343

We are, by design, regenerating our world.
VERSATILITY & EFFICIENCY

Protect the environment without compromising on performance and productivity. That is what the Wirtgen W210i stand for. The intelligent WIDRIVE machine management system works to cut operating costs. The dual engine concept promotes extra low diesel consumption, high milling performance and helps provide a significant reduction in environmental emissions.

DIFFERENT MILLING DRUM SPEEDS FOR SPECIFIC MILLING JOBS

- Low speed: Complete removal at full depth
- Medium speed: Milling of surface courses, thin road pavements, etc.
- High speed: Fine milling

IT TAKES 2

WIRTGEN is the first cold milling machine manufacturer worldwide to offer uncompromising performance characteristics and maximum efficiency by connecting two diesel engines by means of a multiple V-Belt. Engine 1 is in operation in all conditions. While engine 1 drives all functional groups, engine 2 is switched on automatically or at the push of a button for full milling power. This results in reduced noise emissions, exposure to fewer vibrations, lower exhaust gas emission levels & reduced fuel consumption rates.

HONNEN EQUIPMENT

COLORADO - WYOMING - UTAH - IDAHO
www.Honnen.com 1-800-646-6636
Locating this new 38,000 SF courthouse on Main Street is a significant addition to Price’s downtown fabric. This $13.2 million project will help uphold the law in four rural counties (Carbon, Emery, Grand and Sanpete) in Southeast Utah. The project addresses current and future needs of the Utah State Courts 7th Judicial District by including two district courtrooms and one juvenile courtroom. The project was also designed for future expansion of a fourth courtroom and additional administrative space.

Rich wood finishes in courtrooms are offset with bold, dark surfaces, highlighted with tasteful lighting fixtures. Glass wall partitions, a dramatic stone and glass exterior, and a stairwell featuring wood, metal and glass are nice design elements. Natural light bathes much of the regal interior and provides a breathtaking space for all who enter.

Owner: Utah State Courts
Architect: Architectural Nexus
General Contractor: Okland Construction
Electrical Engineer: Spectrum Engineers
Structural Engineer: Dunn Associates, Inc. / BHB Engineers
Civil Engineer: Johansen & Tuttle Engineers
Electrical Subcontractor: Bodec Electric
Mechanical Subcontractor: MJ Mechanical
Steel Fabrication & Erection: Utah Ornamental & Iron, Inc. and Unlimited Steel
Glass/Curtain Wall: NGI Glass
Landscape Architect: Architectural Nexus
Other Specialty Contractors: Granite Mill (Millwork), Millcreek Tile & Stone, RP Painting
Most Outstanding Public Under $10 M Project

Utah Department of Environmental Quality Technical Support Center

This new, $5.5 million project consolidates various labs and storage facilities for the Department of Environmental Quality across the Salt Lake Valley into one highly efficient and functional 20,000 SF building.

The center includes a warehouse with enough space to store motorboats, air boat, pontoon, ATVs and trailers, which employees use to collect water samples and catch fish from lakes and rivers.

Laboratories have been updated for the new Technical Support Center, where employees test environmental samples and prepare scientific data required by the federal government to ensure that Utah complies with laws like the Clean Water Act and Clean Air Act.

This environmentally-friendly and aesthetically pleasing building is clad in 12-foot tall steel patina panels that feature a stunning laser-cut forest at the entrance. Clerestory low-e glass windows along the interior hallway bring in ample natural lighting, making the corridor a pleasant space.

Functionality includes an air filter room, warehouse space, instrument calibration rooms and wet labs, all designed to help better safeguard Utah’s air, land and water.

Owner: State of Utah
Architect: Bradford Ashworth
General Contractor: Hogan & Associates Construction
Electrical Engineer: Spectrum Engineers
Mechanical Engineer: VBFA
Structural Engineer: Reaveley Engineers
Civil Engineer: Forsgren Associates
Electrical Subcontractor: Westech
Mechanical Subcontractor: Halverson Mechanical
Masonry Subcontractor: Harv & Higam Masonry
Steel Fabrication & Erection: Steel Encounters, Stoddard Steel Welding (Fabrication) Hogan & Associates Construction
Landscape Architect: G Brown Design
Other Specialty Contractors: B&D Glass, Brinkerhoff Drywall, Wall 2 Wall Floorcoverings, Redd Roofing & Construction Company

The 20,000 SF building includes a warehouse with enough space to store motorboats, an air boat, and pontoon. ATVs, and trailers.

(photos courtesy Endeavour Architectural Photography)
The building is clad in 12-foot tall steel patina panels that feature a stunning laser-cut forest at the entrance.
Most Outstanding Public/Private Partnership Project

Wasatch Resource Recovery Phase I

This state-of-the-art, $42.7 million project is the first of its kind in Utah and will accept over 700 wet tons of organic waste per day to convert it into renewable natural gas through anaerobic digestion.

At the time of commissioning, it is the largest U.S. Facility that processes strictly food waste. Since digesting only food waste is very rare, the construction and design team could not rely on any previous industry projects or case studies. They took care to design and construct a building that would allow many additional systems to monitor, control and modify the system that plant operators could adjust as necessary.

Another first was the design team creating the first tariff ever approved by Dominion Energy to inject renewable natural gas into their distribution lines.

The campus includes a nearly 30,000 SF pre-engineered waste reception building, two insulated bolted carbon steel digester tanks, one 40,000 gallon reception tank and a bolted steel hydrolysis tank for liquid waste. Considerable site work was done including earthwork and paving infrastructure.

Owner: Wasatch Resource Recovery
Architect: Aqua Engineering Inc.
General Contractor: Alder Construction Company
Electrical Engineer: Aqua Engineering Inc.
Mechanical Engineer: Aqua Engineering Inc.
Structural Engineer: Aqua Engineering Inc.
Civil Engineer: Aqua Engineering Inc.
Geotech: IGES, Inc
Electrical Subcontractor: Skyline Electric Company
Mechanical Subcontractor: United Team Mechanical (HVAC), Envision Mechanical Inc. (Plumbing)
Steel Fabrication & Erection: Magnuson Metals (Fabrication) Alder Construction Company (Erection)
Other Specialty Contractors: NTL Drywall, Orion Construction, LLC
The campus includes a waste reception building, two insulated digester tanks, one 40,000 gallon reception tank and one hydrolysis tank for liquid waste.
Publisher’s Pick

Peace House

Created in 1995 to serve victims of domestic violence in Summit and Wasatch Counties, Peace House finally has a building worthy of its noble mission in bringing this important topic “out of the shadows and into the light” of society. It is certainly more than just another project.

This amazing, $9.5 million, 42,000 SF facility increases the previous space by more than six times, with two levels of high-end interior finishes and improved functionality. Twelve self-sufficient suites will provide ample living space to house families for during their recovery, eight emergency shelter units will offer private rooms for families in the throes of crisis. Multiple community gathering spaces offer room for support classes, safe interactions and fun activities to lift the spirits of afflicted families. Large and secure emergency housing creates more comfort and a sense of safety for victims of domestic violence.

Finishes on campus are warm and inviting, yet highly durable and economical. An insulated CMU wall system with stucco and cement board siding offers optimal R values.

The four-acre site is on a highly visible location on the outskirts of Park City and offers resplendent views of the mountainous environment, a natural aid in the healing process.

Owner: Peace House, INC
Architect: Peters + Newell, PC Architects
General Contractor: New Star General Contractors
Electrical Engineer: Hunt Electric
Mechanical Engineer: Rocky Mountain Mechanical
Structural Engineer: Innovative Structural Engineering
Civil Engineer: Alta Engineering
Geotech: Gordon Geotechnical Engineering
Electrical Subcontractor: Hunt Electric
Mechanical Subcontractor: Rocky Mountain Mechanical
Masonry Subcontractor: IMS Masonry
Steel Fabrication & Erection: Magnuson Metals
Landscape Architect: Landmark Design

The 42,000 SF facility includes community gathering spaces, eight emergency shelter units and 12 self-sufficient units. Finishes around the building add warmth to the inviting space and aid in recovery.
Most Outstanding Renovation/Restoration Project

The Kimball on Main

This distinctive restoration of the former 14,000 SF Kimball Garage—and subsequently the iconic home to Kimball Arts Center for many years—required extensive bracing and shoring systems to preserve the original board formed concrete walls.

It also included the removal of the existing deck and plaza to make way for a modern new 20,000 SF, three-story concrete and steel structure, designed as a stellar compliment to the historic elements of the original building. The project represents an active response to the Park City community’s desire to shape the focal point of their most recognized and popular street.

The final project blends appropriate modern design elements into the new addition for Kimball on Main. Another unique feature of the project is that it is strictly commercial, a rarity due to the high marketability of mixed-use residential/commercial projects.

New structural components effectively relieve original wall loads. The contractor also restored original bowed roof trusses and framed a new roof system to match the appearance of the historic roof. Replacement of an electrical transformer underneath the building required a MacGuyver-like effort from the construction team.

Owner: Columbus Pacific Properties
Architect: Elliot Work Group
General Contractor: R & O Construction
Electrical Engineer: Spectrum Engineers
Mechanical Engineer: Spectrum Engineers
Structural Engineer: BHB Engineers
Civil Engineer: Alliance Engineering
Electrical Subcontractor: Hunt Electrical
Mechanical Subcontractor: CCI Mechanical
Masonry Subcontractor: Allen’s Masonry
Steel Fabrication & Erection: Steel Encounters JT Steel (Fabrication), Sub-Part R, Inc. (Erection)
Restoration of the Kimball Garage created the three-story, 20,000 SF concrete and steel structure in the heart of Park City.
Most Outstanding Specialty Trades – Electrical Project

Bangerter Four Interchanges

The electrical contractor played a pivotal role in relocating and constructing an entirely new traffic signal system at each of four new interchanges along busy Bangerter Highway—5400 South, 7000 South, 9000 South and 11400 South. Each system includes high-tech cameras, monitoring stations, on-ramp metering and a private utility duct consisting of 19 conduit pathways, making this a complex endeavor for all involved.

Each interchange is equipped with LED lighting for 80-foot-high masts and 40-foot steel luminaire posts. All received a new Traffic Signal System via a Single Point Urban Interchange (SPUI) for the cross streets and off-ramps. Crews eliminated two to three phases of construction by spanning a SPUI over 11400 South, a first of its kind.

Crews worked long hours and graveyard shifts to maintain peak traffic flow during construction on a road that carries an estimated 58,000 vehicles per day. The collaboration helps bring UDOT’s vision to fruition by creating a safer, faster route along the west side of the valley.

Owner: UDOT
Lead Design Firm: Michael Baker International, with H.W. Lochner as a subconsultant
General Contractor: RLW/Clyde, A Joint Venture
Electrical Engineer: Hunt Electric
Electrical Subcontractor: Hunt Electric

Each of the four systems includes high-tech cameras, monitoring stations, on-ramp metering and a private utility duct consisting of 19 conduit pathways,
All interchanges are equipped with LED lighting for 80-foot-high masts and 40-foot steel luminaire posts.

LOOKING TO CONTROL RISK? WE KNOW THE DRILL.

100 YEARS OLD. 100% CONSTRUCTION.
For more than a century, CSDZ has been solely focused on protecting construction companies like yours whose heavy lifting and risk-taking have transformed this great nation. Our “inch wide, mile deep” approach provides the support and expertise you need to manage risk at every level.

CSDZ.COM

MINNEAPOLIS, MN   SALT LAKE CITY, UT   MADISON, WI   801-537-7467
Meticulous attention to detail is a hallmark on the masonry of the gorgeous Pleasant Grove Public Safety Complex, which includes a 23,000 SF fire station and a 27,000 SF building that houses the city’s police department, courts and a community center.

The $12 million project showcases a premium blend of red emperor and charcoal-colored brick veneer. It offers the complex a historic look to honor the area’s heritage and the department’s tradition, while maintaining needed strength and security in the design. The blending of bricks is flawlessly executed on these unique buildings and blends in seamlessly with the rest of the neighborhood. The combination of brick, honed CMU and precast panels is critical to the overall architectural design, as is a captivating two-story glass atrium between the entrance and five fire station bays.

Owner: Pleasant Grove City
Architect: JRCA Architects
General Contractor: Big-D Construction
Electrical Engineer: Envision Engineering
Mechanical Engineer: Blue Field Engineering
Structural Engineer: BHB Engineers
Civil Engineer: Horrocks Engineers
Masonry Subcontractor: IMS Masonry
Electrical Subcontractor: Cache Valley Electric
Landscape Architect: JSLA
Precast: Brailsford Precast
Other Specialty Contractors: Bruin Commercial Painting, Ace Tile & Stone, Waterproofing West
Forterra leader in precast concrete
We provide a range of products from parking structures, office buildings to sports stadiums and bridges.
Rapid construction - Design - Returns on investments

MOUNTAIN STATES FENCE
SALT LAKE CITY, UTAH
801-261-4224
TRADITION IS EVERYTHING
The E-Corp team was tasked to ensure consistent service to the air traffic control center that support Salt Lake Center and its surrounding states. The mechanical team was brought in to upgrade the entire central plant and data center aircraft process cooling equipment spanning two levels over a 49,600 SF area.

Utilizing cutting-edge scanning technology to assist in visualizing the scope and sequence of work along with Point-Cloud precision information allowed 90% of the entire plant to be prefabricated using carbon steel certified welding.

The precision and care paid to scheduling and use of prefabrication meant that the project was completed within its narrow window to help air traffic controllers perform their critical work. The professionalism and care of all engineering services personnel were key to the project’s success.

**Most Outstanding Specialty Trades – Mechanical Project**

**FAA SLC Air Route Traffic Control Center**

**Major Mechanical**

Owner: Federal Aviation Administration

Architect: Federal Aviation Administration

General Contractor: E-Corp.

Electrical Engineer: Federal Aviation Administration

Mechanical Engineer: VO Brothers Mechanical

Civil Engineer: Federal Aviation Administration

Electrical Subcontractor: All Pro Electric

Mechanical Subcontractor: VO Brothers Mechanical

Other Specialty Contractors: United Team Mechanical, Utah Yamas Controls
Weber State’s entire athletic department will enjoy the fruits of the impressive $16 million facility. The center includes a new state-of-the-art strength and conditioning facility for all Wildcat student-athletes, expanded football equipment room, football coaches’ offices and position group meeting rooms.

Eye candy for the athletes are the new football team locker rooms featuring custom wood lockers for 110 student-athletes. Professional scouts have even said the WSU lockers are far superior to many in the NFL. Each locker is tied into the building exhaust system to provide ample ventilation. The building includes a 125-seat team room that will benefit all student-athletes, with black out shades, a 250-inch projector screen, writable wall surfaces and high-end, extra wide seating.

A new main entrance was added (called “Sark’s Boys Gateway”) that now accommodates a new digital scoreboard and is the new location for vendors and food trucks to set up on game day.

The 27,000-SF North End Zone project, plaza, ticket office and souvenir shop provide an exiting entrance for those attending WSU athletics and will enhance the fan experience at Stewart Stadium for years to come.

Go Wildcats!

Owner: Weber State University
Architect: VCBO Architecture
General Contractor: Big-D Construction
Mechanical Engineer: WHW Engineering
Electrical Engineer: BNA Consulting
Structural Engineer: ARW Engineers
Civil Engineer: Talisman Civil Consultants
Electrical Subcontractor: Lynn Woodward Electric
Mechanical Subcontractor: MJ Mechanical
Masonry Subcontractor: Allen’s Masonry
Steel Fabrication & Erection: Boman & Kemp
Landscape Architect: G Brown Design
Other Specialty Contractors: Golder Acoustics, Grow Painting, Ace Tile/Stone Touch, Redd Roofing, Western States Waterproofing, Red Rock Demolition, Kevin Hull Landscaping

The 27,000-SF North End Zone project, new plaza, ticket office and souvenir shop provide an exiting entrance for those attending WSU athletics.
Guess it’s no longer a secret. But then, any Big-D customer could have recited that recipe. You see, we wear it on our rolled-up sleeves. It’s tattooed to our frontal lobe. And stamped on our psyche.

It means we deliver a job well done, with a gusto that guarantees your expectations will be exceeded

And then some.

CALL 800.748.4481 OR VISIT WWW.BIG-D.COM
The 24,600 SF remodel compliments the organizations’ north building as Layton Construction continues to assert itself as one of Utah’s premier general contractors.

Goals of the project were to create an open plan for the two-story space allowing more daylight and great views while encouraging collaboration. A board formed concrete wall was added to the lobby to pay homage to the brand and reinforce the integrity of materials used in the space. Wood slats were added to the pitched roof, complementing the building’s celestial nature. The solid atrium guardrail wall was replaced with clear glass while the open staircase was re-imagined into a key lobby feature—a statement of the company’s brand of quality.

The remodel provided an opportunity to update the mechanical system and relocate the break room to the ground level. Employee amenities include patio and fire pit, exterior grill area, table tennis, areas for food trucks and places to work outdoors or socialize. Every detail was carefully designed to showcase the company’s penchant for high-quality work.
IN-HOUSE ENGINEERING
HVAC
PLUMBING
COMMISSIONING
CONTROLS & AUTOMATION
24/7 MAINTENANCE

Utah’s Premier Design-Build Mechanical Since 1961
Bringing 20/20 vision to our clients and projects; past, present, and future.

THANK YOU to our clients, CMA family, and industry partners for 20 great years!
Most Outstanding Utility/Infrastructure Project
BYU Central Utility Plant/Co-Gen Upgrade

Given the ever-growing concern for cleaner air, reduced greenhouse emissions, improving efficiencies, strengthening reliability and reducing operating expenses, it became crucial for the university to end its 140-year commitment to coal.

This complex project began with the demolition, decommission and removal of the plant’s three operating coal-fired high-temperature water boilers and all supporting coal storage, conveyance, ash handling systems and the historic brick exhaust stack. The project came together with extensive structural, mechanical and electrical expansions of the facility. The new cogeneration equipment—including a packaged combustion gas turbine generator and heat recovery unit—were navigated into their resting places by crane through openings created in the existing facility’s roof and southern walls. Once these were in-place, the structure was then erected around the equipment.

The onsite power generation was designed to offset current utility power demand by 30 to 50%, all without burning coal. Because natural gas is ultimately a cleaner fuel, the installation and operation of a natural gas-fired turbine generator not only placed BYU as a contributor to the electrical power grid but permitted noticeable and measurable reductions to overall campus and regional emissions.

Owner: Brigham Young University
Architect: FFKR Architects
General Contractor: Bodell Construction
Civil: Meridian Engineering
Electrical: RMH Group
Mechanical: RMH Group
Structural: TBSE Inc.
Geotech: R&B&G Engineering
Mechanical Sub: Brown Plumbing and Heating
Electrical Sub: GSL Electric

Onsite power generation, featuring new packaged combustion gas turbine generator and heat recovery unit, was designed to offset current utility power demand by 30 to 50%—all without burning coal.
The nearly $51 million expansion and upgrade of the old water reclamation facility reengineered the plant into an advanced wastewater treatment facility, capable of handling four million gallons of wastewater a day.

The project includes construction of a basketful of new facilities: headworks with screening equipment and influent pump station, pre-stressed concrete equalization tanks, concrete bioreactors and treatment zones, three secondary clarifiers with fiberglass domes, filter building with UV disinfection equipment, solids building with mechanical dewatering equipment, electrical building with new power service standby generator, operations building with basement level RAS/WAS pump station, yard piping, grading and paving and demolition of existing buildings.

Best part? The existing treatment facilities operated fully during the construction of all of the new buildings before coordinating a switch over the sparkling new facilities and demolishing the old ones.

Everyone involved helped to make a dirty job look clean.
Beehive Insurance offers a wide variety of coverage types across multiple industries. Our team of specialists are excited to help you create the best, customized protection for your business or personal needs. On top of your tailored policy, Beehive Insurance is proud to offer value-added services including HivePlus, HR360, EMod analysis, and background screening. Call us today to learn more about what Beehive can do for you.
### Index of Advertisers

<table>
<thead>
<tr>
<th>Advertiser</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>AE Urbia</td>
<td>4</td>
</tr>
<tr>
<td>Americom</td>
<td>77</td>
</tr>
<tr>
<td>Archer Mechanical</td>
<td>24</td>
</tr>
<tr>
<td>Architectural Nexus</td>
<td>73</td>
</tr>
<tr>
<td>Architecture Belgique</td>
<td>42</td>
</tr>
<tr>
<td>Babcock Design</td>
<td>39</td>
</tr>
<tr>
<td>Babcock Scott Babcock</td>
<td>49</td>
</tr>
<tr>
<td>Beecher Walker</td>
<td>31</td>
</tr>
<tr>
<td>Beehive Insurance</td>
<td>97</td>
</tr>
<tr>
<td>Big-D Construction</td>
<td>91</td>
</tr>
<tr>
<td>Bodell Construction</td>
<td>73</td>
</tr>
<tr>
<td>Bowen Studios</td>
<td>42</td>
</tr>
<tr>
<td>Cache Valley Electric</td>
<td>6</td>
</tr>
<tr>
<td>CCI Mechanical</td>
<td>93</td>
</tr>
<tr>
<td>Century Equipment</td>
<td>9</td>
</tr>
<tr>
<td>Child Enterprises</td>
<td>79</td>
</tr>
<tr>
<td>CRS A</td>
<td>55</td>
</tr>
<tr>
<td>CSDZ</td>
<td>85</td>
</tr>
<tr>
<td>Dunn Associates</td>
<td>29</td>
</tr>
<tr>
<td>Endeavour Architectural Photography</td>
<td>33</td>
</tr>
<tr>
<td>FFKR Architects</td>
<td>37</td>
</tr>
<tr>
<td>Forterra</td>
<td>87</td>
</tr>
<tr>
<td>GSL Electric</td>
<td>53</td>
</tr>
<tr>
<td>Geneva Rock</td>
<td>21</td>
</tr>
<tr>
<td>Hadco Construction</td>
<td>66</td>
</tr>
<tr>
<td>Harris</td>
<td>61</td>
</tr>
<tr>
<td>Hogan and Associates Construction</td>
<td>99</td>
</tr>
<tr>
<td>Honnen Equipment</td>
<td>74</td>
</tr>
<tr>
<td>Hughes General Contractors</td>
<td>57</td>
</tr>
<tr>
<td>Hunt Electric</td>
<td>14</td>
</tr>
<tr>
<td>Jacobsen Construction</td>
<td>8</td>
</tr>
<tr>
<td>Jones &amp; DeMille Engineering</td>
<td>71</td>
</tr>
<tr>
<td>Kilgore Companies</td>
<td>2</td>
</tr>
<tr>
<td>Layton Construction</td>
<td>41</td>
</tr>
<tr>
<td>MHTN Architects</td>
<td>58</td>
</tr>
<tr>
<td>method studio</td>
<td>66</td>
</tr>
<tr>
<td>Midwest D-Vision Solutions</td>
<td>80</td>
</tr>
<tr>
<td>Millcreek Tile &amp; Stone</td>
<td>69</td>
</tr>
<tr>
<td>Monsen Engineering</td>
<td>45</td>
</tr>
<tr>
<td>Mountain States Fence</td>
<td>87</td>
</tr>
<tr>
<td>NAIOP Utah</td>
<td>23</td>
</tr>
<tr>
<td>Okland Construction</td>
<td>34</td>
</tr>
<tr>
<td>Parr Brown Gee Loveless</td>
<td>65</td>
</tr>
<tr>
<td>R&amp;O Construction</td>
<td>7</td>
</tr>
<tr>
<td>Ralph L. Wadsworth Construction</td>
<td>88</td>
</tr>
<tr>
<td>Reaveley Engineers</td>
<td>10</td>
</tr>
<tr>
<td>Richards Brandt Miller Nelson</td>
<td>39</td>
</tr>
<tr>
<td>SBR Technologies</td>
<td>13</td>
</tr>
<tr>
<td>Sohm Photogrfx</td>
<td>98</td>
</tr>
<tr>
<td>Spectrum Engineers</td>
<td>83</td>
</tr>
<tr>
<td>Staker Parson Materials &amp; Construction</td>
<td>51</td>
</tr>
<tr>
<td>Steel Encounters</td>
<td>58</td>
</tr>
<tr>
<td>UDOT Zero Fatalities</td>
<td>47</td>
</tr>
<tr>
<td>VBFA</td>
<td>71</td>
</tr>
<tr>
<td>Watts Construction</td>
<td>97</td>
</tr>
<tr>
<td>Westland Construction</td>
<td>5</td>
</tr>
<tr>
<td>Wheeler Machinery</td>
<td>3</td>
</tr>
<tr>
<td>Whitaker Construction</td>
<td>15</td>
</tr>
<tr>
<td>W.W Clyde</td>
<td>Back Cover</td>
</tr>
<tr>
<td>Zwick Construction</td>
<td>63</td>
</tr>
</tbody>
</table>
WE ARE A FULL-SERVICE CM/GC!

HOGAN PROVIDES A BETTER “BALANCE” BETWEEN CONSTRUCTION MANAGEMENT AND GENERAL CONTRACTING WHICH SAVES MONEY AND TIME, AND PROVIDES HIGHER QUALITY.

PRE-CONSTRUCTION PHASE
With our ability to self-perform up to 50% of a project with our crews and equipment, we use more planning technologies and methods than any other firm in Utah. Our preparation and design assistance is performed by field-experienced professionals to ensure a successful project.

CONSTRUCTION PHASE
The quality of a building is the direct result of the people who build it. Utilizing our in-house workforce to supplement underperforming subcontracting crews or to execute the work ourselves means projects can be built faster, with higher efficiency, and more cost-effectively.

CONTACT US: 801-951-7000 / WWW.HOGANCONSTRUCTION.COM
A REPUTATION YOU CAN TRUST

W.W. Clyde has built a national reputation for tackling tough jobs with innovative solutions. For nearly a century, W.W. Clyde has worked as a key construction partner on a variety of projects, including bridges, highways, airports, and more. We believe in being impeccably honest, performance-oriented, environmentally conscious, and leveraging cutting-edge technology. For heavy infrastructure projects, you need a trusted partner who will help you find innovative solutions through the entire process. No matter what the project, you can trust our experience, resources, and reputation to get the job done right.