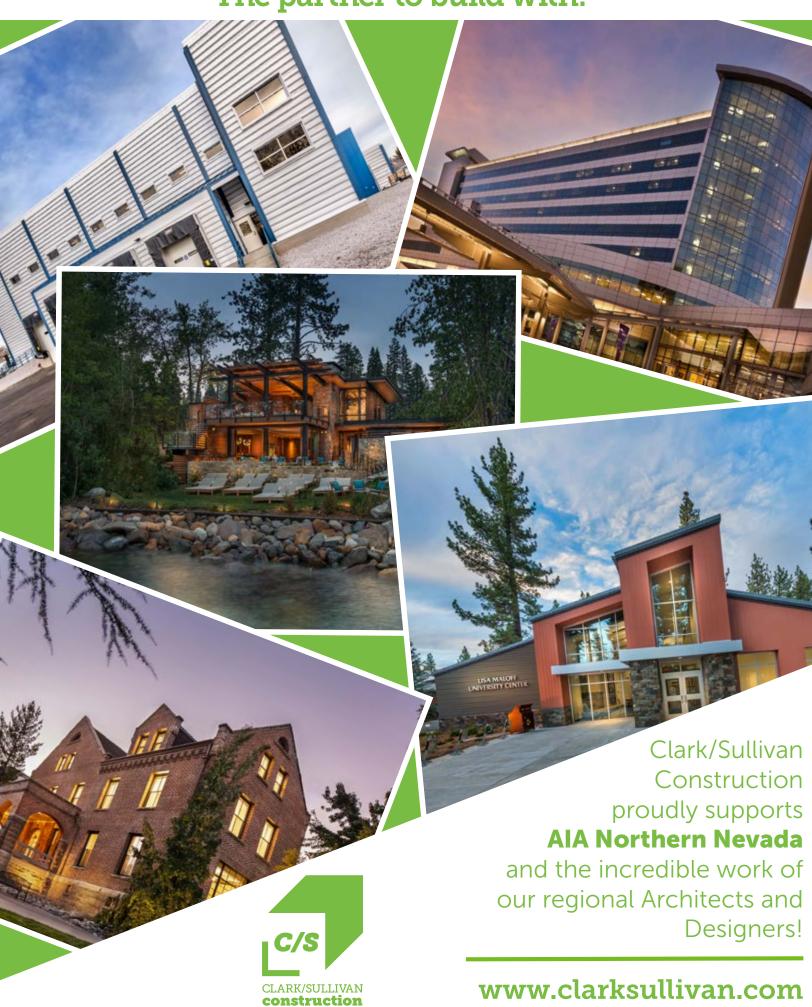


# The partner to build with.





# PLENIUM

Plenium Builders. It is not just a new name. It is a new era. Skilled leadership. A community-focused new vision. A team committed to the same Dianda Construction tenets of excellence. Plenium Builders is a construction company built for the new Nevada.

### We Are Plenium Builders.

We are excited to bring the same great construction quality to our region, while ushering in a new phase of our storied history. A decade of bringing first-class projects to life and being a trusted partner in the Northern Nevada community has culminated in this new chapter in our story, and we couldn't be more excited to have you along for the ride.

At Plenium Builders we're looking ahead. We are on a mission to build the classrooms, manufacturing hubs, gathering places, civic centers, custom homes and shopping experiences of the future. And to do it with an agile, efficient and personal approach that creates spectacular projects. Our future and our communities' future are intertwined.

And while the name has changed, our values remain the same; to work closely with each of our clients to surpass expectations, and to use our distinct knowledge and skill to make construction dreams a reality. Thank you for being a part of our past and our present, and we look forward to making you a part of our future. Give us a call today!

Watch the story of our transformation by going to our website or use this QR code with your smartphone's camera.



(775) 398-0123 pleniumbuilders.com f  $\mathcal{P}$   $\rightarrow$  h  $\odot$   $\nu$ 

### **CONTENTS**

President's Message7
Advocacy Message8
2020 Board of Directors9
Recognizing Reno's Architectural Milestones10
Membership Message13
2020 Golf Tournament: The 30 <sup>th</sup> Annual Denny Askew Memorial Golf Tournament14
AIA Western Mountain Region Update 202017
AIANN Scholarship Report18
2020 AIA Nevada Distinguished Service Award Recipients18
AIA Northern Nevada Scholarship Recipients21
YoDeNG24
CANstruction 202025
AIA National Update 202026
2020 AIANN Annual Design Awards Event29
2020 AIA Northern Nevada Design Awards31
Membership Directory52
Calendar of Events56

### **Editor:**

Angela Bigotti-Chavez, AIA

### **Board Members:**

Audrey De La Cruz, AIA Bradley Carlson, AIA Clare Christensen, CCMP Paul Vanderbyl Maggie Will, Assoc. AIA Marshall Cowen, AIA Kevin Merkling, AIA Matt Ronhaar, AIA Nate Hudson, AIA Rob Fabri, AIA Danielle Fabri, AIA Mandy Holback, PE Jaime Villarino, LEED AP Kreg Mebust, ASLA Alejandra Salas Angela Bigotti-Chavez, AIA

David Gurak, Assoc. AIA

Office Manager: Donna Koepp



The Northern Nevada Architect is a publication of the Northern Nevada Chapter of the American Institute of Architects.
aiann.org

AIA Northern Nevada 3495 Lakeside Dr., PMB 15 Reno, NV 89509

©2021 AIA NN | The newsLINK Group, LLC. All rights reserved. Northern Nevada Architecture is published annually by The newsLINK Group, LLC for the AIA Northern Nevada and is the official publication for this association. The information contained in this publication is intended to provide general information for review, consideration and education. The contents do not constitute legal advice and should not be relied on as such. If you need legal advice or assistance, it is strongly represent that you contact an attorney as to you criccumstances. The statements and opinions expressed in this publication are those of the individual authors and do not necessarily represent the views of the AIA NN, its board of directors, or the publisher. Likewise, the appearance of advertisements within this publication does not constitute an endorsement or recommendation of any product or service advertised. Northern Nevada Architecture is a collective work, and as such, some articles are submitted by authors who are independent of the AIA NN. While Northern Nevada Architecture encourages a first-print policy, in cases where this is not possible, every effort has been made to comply with any known reprint guidelines or restrictions. Content may not be reproduced or reprinted without prior written permission. For further information, please contact the publisher at 855.747.4003.

### **AD INDEX**

Clark/Sullivan ConstructionPage 2	Etchemendy Engineering	Page 2
Plenium BuildersPage 3	Ashley & Vance	Page 3
StanCanPage 5	JP Engineering	Page 3
American Insurance & InvestmentPage 8	Hyytinen Engineering, LLC	Page 4
BasalitePage 13	CORE Construction	Page 5
Nevada BluePage 17	The newsLINK Group	Page 5
Lumos & AssociatesPage 25	Dianda Construction	Page 5



# ALL HAIL THE GREAT AND POWERFUL HEDGEHOG.

Is bigger actually better, or does it just make you an easier target?

Look, for example, to Atelerix algirus, the diminutive African pygmy hedgehog. Weighing less than the reuben at your local deli, the world's cutest defense specialist repels hyenas, jackals, and even the famed honey badger. If their defense doesn't impress you, maybe their offense will: their high tolerance for toxins allows them to snack on venomous snakes and scorpions.

And don't let those little legs fool you. Hedgehogs run upwards of 5 miles a night, sometimes reaching up to 10 mph. Pretty impressive when your wheels are barely longer than a paper clip.

We're not quite as prickly (or nearly as cute), but we are a lot like our friend here. Small, yet resilient, determined, and creative. Poke around our website and see for yourself.



# Thank You!

The AIA Northern Nevada Chapter would like to thank our Allied Professional and Allied Members (shown below) for their continued support of the Chapter. Without your involvement in our efforts, the northern Nevada design community would not be what it is today.

### **Silver Sponsors**





### **Bronze Sponsors**





















### **Additional Sponsors & Allied Professionals**

Angela Fuss
Dean Stanphil
JUB
Lonnie Johnson

Mandy Holback

Marie Wikoff
McElhaney Structural Engineers
Michelle Foy
Nova Geotech
Reno Business Interiors

Roger Hyytinen Seyed Mamoud Zadeh Stephen Witek

### PRESIDENT'S MESSAGE

BY NATE HUDSON, AIA, PRESIDENT



020 — what could have been a year of "perfect vision" seems, in hindsight, to have been everything but. In the grip of COVID-19, we found ourselves at a moment of sizable social unease, working diligently to keep our offices open and jobs moving through. Those with school-aged children had a crash course in teaching distance learning while simultaneously maintaining professional normalcy. And, of course, we have all been internally wrestling with the most divisive political rhetoric of our lives. Wow — 2020 has been one hell of a year!

While so many current topics find their way into the negative and fearful, I believe that architects are uniquely equipped to offer positive leadership and guidance during these uncertain times, knowing that our fundamental ethos, "design" with which we work every day, is disorderly by its very nature. As professionals, we consistently endeavor to broaden our perspective by attaining diversity in skillsets and cultivating connections between what might commonly appear as unrelated topics. We exist at the confluence of so many things: designers, engineers, educators and fabricators, right in the crossroads of artists, community leaders and entrepreneurs. Our diversity in thought, collaborative spirit, and an unyielding focus on equity for future generations define our label — Architect.

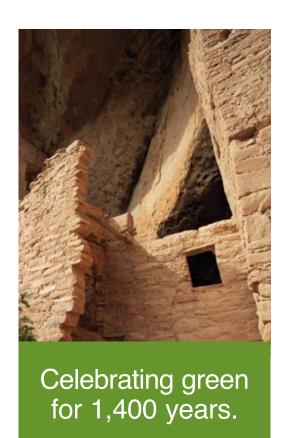
This year's unprecedented social unease transcended the scale of any collective or profession. It is easy to recognize that cultural change is happening directly under our feet, powered by the influences of decency and the collaborative efforts of masses dissatisfied with the status quo. The diversity of our skillsets and the agility inherent within the way we perceive the world has the potential to manifest

in boundless positive change, ultimately positioning us to lead proactively versus reactively during challenging times.

In 2020 and for years to come, I'd like to frame AIA Northern Nevada's efforts as rooted in optimism and innovation. Efforts in bold steps forward — steps away from this pandemic, and steps into the uncertainties of our future; a future filled with opportunity. It means developing new opportunities and scholarships for our youth, particularly for individuals belonging to under-represented groups. It means positioning our members as innovators and thought leaders in society through improved public outreach. It means a fundamentally new definition of design excellence in the projects that we admire and celebrate.

Let's not follow the same, beaten path or hunker down to endure this storm. Let's be bold and confident in our actions, challenging existing expectations with new ideas to expand the reach, value and purpose of what we offer to society. Let's embolden our colleagues to occupy the forefront of every conversation: social, governmental, health and well-being, economic or educational. This is the value our organization brings to our profession, its embodiment — it empowers voices, unites agendas, generates connections across diverse groups, and leads through action.

Even though 2020, while the concept of our profession's meaning to society in "designing a better world" might seem out of reach, architects can always meaningfully apply themselves for equity and decency to the communities they serve. If done with intention and commitment, there is no choice but to succeed in the positive impact that we can make in society at large.  $\bigcirc$ 



The Anasazi natives knew the benefits of green building. Their structures have stood the test of time. Being built from local materials and using geothermal and solar technology their structures prove that green building is both beneficial to the environment and your pocket book.

We are leaders in insurance products and services for architects and engineers with over 50 years of specialized experience. From loss prevention to risk management, we strive to build long-term relationships with a foundation built on trust and commitment.

Call us today for all your business or personal insurance needs.



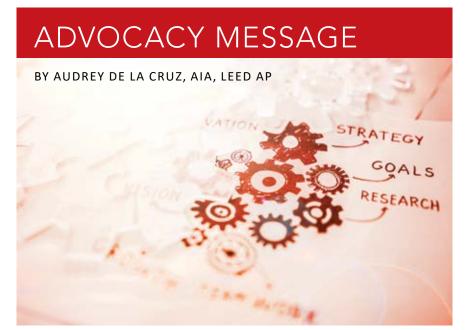
Insurance you can count on.

6765 West Russell Road, #150 Las Vegas, NV 89118 (702) 877-1760 I american-ins.com

Professional Liability • General Liability • Disability Commercial Auto • 401k Plans • Workers' Comp Property & Equipment • Group Health • Group Life Personal Home • Personal Auto • Life



This ad was produced with support from the Design Professional unit of XL Catlin, offering innovative professional liability programs for architects and engineers.



020 brought many unexpected and unfortunate cancellations to AIANN's event schedule due to COVID-19. Fortunately, AIANN has still had many opportunities to advocate for positive change in our community.

Our efforts to make architect's voices heard in the City of Reno's new development code have occurred through the entire process, from the first draft through final approval. By the publication of this article, the latest development code will hopefully have been adopted. Nate Hudson, AIA and Jack Hawkins, AIA, have continued to serve on the Technical Working Group for the development code rewrite. They provided input on the "adoption draft" of the new code, pushing for more reasonable standards relating to infill type development, parking, affordable housing, ecological impacts of development within our region and the overall simplification of the code and development process. One of the most significant (anticipated) changes in the new development code is the inclusion of baseline sustainability requirements focusing on our community's future ecological health. Members of the AIANN Advocacy committed and supported these sustainability requirements and provided technical input for their implementation. As with the old development code, the new development code will have an enormous impact on what and where new developments get built. AIANN has not let the opportunity to influence the new development code pass architects by.

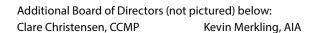
2020 also brought us the opportunity to defend the Skyways Ordinance in the current development code. In the aftermath of the aggressive and pervasive skyways constructed downtown in the '90s, the City of Reno added the Skyways Ordinance to the development code in 2000. A key provision of this ordinance was that any new skyway was to be reviewed by a design review committee composed of design professionals. This year the Reno City Council took under consideration removing the Design Review Committee from the ordinance. The AIANN, along with many other organizations and individuals, local historian Alicia Barber, in particular, opposed this change with letters, phone calls, member outreach and providing public comment. Through AIANN's efforts, we're pleased that the new development code includes a Skyway Ordinance with the Design Review Committee intact.

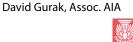
At the state level, AIANN and AIA Nevada will monitor bills during the 2021 legislative session and keep AIA membership informed of legislation affecting our profession. If you would like to get involved with the Advocacy Committee or have an issue that you would like to bring to our attention, please email us at aiann@aiann.org. ©



# Thank you to our 2020 Board of Directors

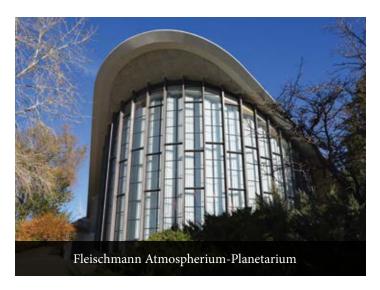






# Recognizing Reno's Architecture Milestones

BY BRADLEY CARLSON, AIA, AIANN PRESIDENT ELECT



s the incoming AIANN President for 2021 and Chair of the City of Reno Historical Resources Commission — and being a native of Reno with my family having first arrived at Reno's founding in 1868 — I am passionate about and inspired by our community's history and architectural legacy. With our region's unique identity and history, we have grown into a community that fosters and attracts creativity and innovation.

Creativity and innovation are nothing new to Northern Nevada and Reno. The geography and culture of our area have long attracted people of vision. This has created an environment that fosters a rich and unique community and architectural legacy. Our architecture's uniqueness comes from those who are from or choose to come to our state to make it their home, bringing their collective ideas, talents and backgrounds.

### **INSPIRATION FROM THE PAST**

The middle of the 20th century was a time of rapid change in Nevada and the nation. This was a time of reconsidering the "old rules" and inspiring a drive to move forward. The Postwar period brought the Cold War, civil unrest, and increased awareness of our impact on the environment. It was also a period of great scientific achievements, exploration, and innovation.

During this time, Nevada was also experiencing formidable growth and change. As Reno was maturing and diversifying, the architecture and design community began to explore new ideas, looking to Modern Movement influences — interpreting and adapting these through a regional and local lens. This was a seminal time for design in Reno's built environment, with innovative and radical new architecture ideas responding to a growing and diverse community.

This was a period when Nevada architects and engineers were innovating, looking forward and reexamining how the buildings we



design contribute to our community. Architects were rethinking the old ways and exploring new solutions to old problems. Northern Nevada architects were meeting this challenge — inspired, innovating, and contributing to architectural design trends and ideas happening both locally and nationally.

Northern Nevada was also attracting talented architects from outside our region. Architects such as Hewitt C. Wells and Raymond Hellmann came to Reno during this period and proceeded to innovate and move Nevada's architectural profession forward. Renowned architects from around the country, including Richard Neutra, Paul Revere Williams, and Bozalis Dickinson & Roloff, were also leaving their mark and influencing design in our community.

We are fortunate to have many surviving milestone buildings from this period. This year two of these were recognized, being added to the City of Reno's Register of Historic Places: the Washoe County Library (1966) and the Pioneer Theater-Auditorium (1967). These joined other important Northern Nevada buildings from this Mid-Century period on the local, state, and national registers of historic places, including the Fleischmann Atmospherium-Planetarium.

### THREE MILESTONE AND INNOVATIVE BUILDINGS UNIQUE TO MID-CENTURY RENO

FLEISCHMANN ATMOSPHERIUM PLANETARIUM (1963)

Raymond M. Hellmann, Architect

National Register of Historic Places (NRHP), 1994

The Fleischmann Atmospherium-Planetarium opened in 1963, under the auspices of the Desert Research Institute (DRI) — one year after JFK's "We Choose To Go To The Moon" speech and six years before Apollo 11 achieved that goal. This was a time American communities were looking to science and research to move society forward. This building answered the call.

The Fleischmann Atmospherium-Planetarium was inspired with a focus on the future. This unique facility was the first of its kind in the world, utilizing both atmospherium and planetarium projectors to showcase, study and teach atmospheric, weather, and astronomical phenomena of both the day and night skies.

Hellmann designed this building to be as cutting-edge and inspirational as the equipment it was built for. It was innovative and forward-looking, with new construction techniques and an experimental heating and cooling system inspired by physics and nature. Its iconic poured-in-place hyperbolic-paraboloid concrete shell structure and experimental air-convection based solar heating and cooling system were radical and innovative — and happening here in Reno.

Ron James wrote, "... this was a cutting-edge expression of a society looking to a future in the Space Age and was bringing an era of invention and exploration to Nevada."

### WASHOE COUNTY LIBRARY (1966) Hewitt C. Wells, Architect

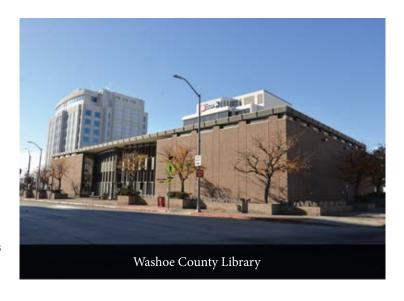
National Register of Historic Places (NRHP), 2013 City of Reno's Register of Historic Places, 2020

The Washoe County Library, opening in 1966, ushered in a new era in Reno's cultural expansion. Hewitt C. Wells created a library and a centerpiece for Reno's cultural activities, a space to nurture a growing and thriving cultural community.

Wells organized the design of this building around a roofed and enclosed internal garden atrium, with hundreds of plants and trees, a pond and a fountain. He described the concept for the building as "a park within a library." The original plan called for the new library to be constructed in Wingfield Park, for which Wells was also involved in the design. When the proposed library's site was changed to its location on South Center Street, an inspired Wells said, "I'll turn it inside out [and] put the park inside." He noted that "This is an entirely different concept for a library." Wells credited the cooperation and support that he received for this revolutionary design, as it "... could only have been done with an imaginative client."

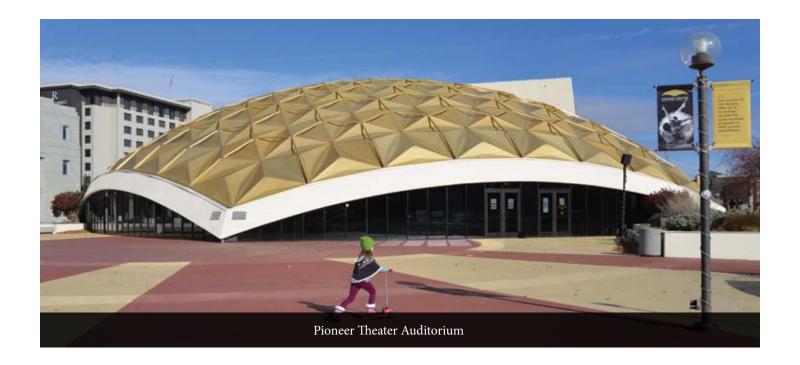
The building's brick façade opens to the street, creating a gracious grand entrance detailed with embossed copper panels and glass woven between steel columns. Upon entering the building, visitors cross a bridge through a tree canopy to the circulation desk. Architectural features include elevated circular reading areas and book stacks open to the atrium.











### ▶ — continued from page 11

Wells designed this building to complement and be unified with his design for the new Reno City Hall (now the Discovery Museum), which opened the year before. The library shares many materials, detailing and features with the 1965 City Hall — including its brickwork, glass and copper details. Both buildings are also organized around enclosed atrium spaces.

This sensitive and unique design for the new library brought Reno national attention in 1968. Wells and his collaborators, landscape architect Mitchell Serven, and Purdy and Fitzpatrick Nursery received the Industrial Landscape Award from the American Association of Nurserymen. Lady Bird Johnson presented this award in Washington DC, as part of her American Cities Beautification Program.

### PIONEER THEATER – AUDITORIUM (1967) Bozalis Dickinson & Roloff, Architect / Temcor

National Register of Historic Places (NRHP), 2005 Nevada State Register of Historic Places (SHPO), 2000 City of Reno's Register of Historic Places this year, 2020

In the 1960s, cities across the country were building facilities for the performing arts and conventions. Reno was no exception. As Reno was gearing up to be in step with the country, the Pioneer Theater-Auditorium was conceived and built to address growing community needs and established Reno as more than a "casino town."

This was Reno's first theater stage for major productions outside of the casinos. To help attract and support convention business to Reno, the Pioneer also incorporated meeting and exhibit spaces below the adjacent plaza. It provided a link for convention activities between downtown and the new Centennial Coliseum (now Reno-Sparks Convention Center) to the south, which opened in 1965 and was designed by Richard Neutra in collaboration with the Reno firm of Lockard, Casazza, Parsons & Associates.

The R. Buckminster Fuller-inspired geodesic dome of this building was provocative in Reno from the beginning, designed and built by Temcor, whose co-founder Don Richter was a student of Fuller. With this iconic dome hugging the adjacent plaza and framing the theater lobby entrances, the building's massing celebrates the dome and its unique structure, bringing it right down to the pedestrian level.

### **INFORMING OUR FUTURE:**

Today, as we usher in the third decade of the 21st century, our communities are again confronted with social and environmental challenges, similar to those of the prior Mid-Century period. Many of the forces shaping the Postwar era and the 1960s are still with us today and evolving. Monumental challenges affecting our communities and our profession are compounded by the pandemic, monumental commerce and population shifts, civil unrest, inequities in social inclusion and global climate change. All this has come center stage in 2020, challenging architects and designers to guide and lead our communities. As innovators and creatives, architects have the skills to turn these challenges into opportunities. Many of the "old rules" are now suspended in addressing these issues, and no new ideas are off the table.

What can we learn and be inspired by from the work of past generations of our community's leading architects? Local architects like Ray Hellmann and Hewitt Wells were innovating and collaborating with project teams to meet the requirements of their clients and responsibly meet the challenges of the community and societal issues of their time. They have left us with a significant legacy of architectural contributions, attesting to their skills, talent and innovative solutions.

Architects are uniquely experienced and skilled in creating and developing the visions that shape, guide and move our communities forward. Our profession is now presented with big challenges, offering opportunities to meet our community's needs — an invitation to rise to the occasion with new design innovations. This creates a great opportunity for our profession in the community and a responsibility to guide and inspire the next generation of architects and designers.  $\bigcirc$ 

### MEMBERSHIP MESSAGE

BY ANGELA BIGOTTI-CHAVEZ, AIA, COMMUNICATIONS DIRECTOR

embership in the American Institute of Architects is an opportunity to be a part of a group representing a force for positive change. The AIA offers a way to belong to a group of like-minded professionals through associateship, integration and camaraderie. We let our clients, community, and peers know about our commitment to the profession, design excellence, and a particular code of ethics. As a result of the 2020 pandemic, our commitment to others' well-being caused a shift in regular events that would normally keep us in closer contact. Regardless, AIANN succeeded in finding a way to host important events such as the Annual Dennis Askew Golf Tournament and the Annual Design Awards Program. Both of which required some creativity by the board of directors and the members who remained supportive and involved.

AIA Northern Nevada remains committed to its ability to influence and respond to our community's current needs. The power to assist our local decision-makers, agencies responding to new challenges, and our clients, as they continue to help our community make positive changes, lies squarely with organizations like AIANN and the involvement of its members.

Architects, in particular, are knowledgeable and creative. As members, we must use technology and small gatherings to stay connected now and

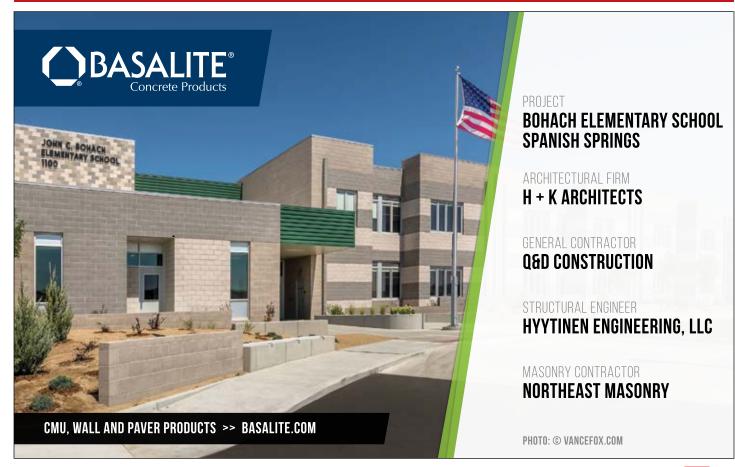
through 2021. Continuing to join each other both virtually and even one-on-one will perpetuate our dialogue, keep us present with new ideas to current problems, and continue to affect positive responses to ongoing concerns. We have the opportunity to influence sustainability, new design measures in response to the pandemic, changes to planning and zoning requirements and good design in general.

Our Allied Members add great value through their support of AIA. Suppliers, Contractors, Engineers and Design Professionals contribute greatly to our organization. Their contributions are essential to architects and keeping design and management at its best. The value of design depends on the most current trends in products, innovation, and construction practices.

Past, present and future architects must stay involved to make the most of AIA. We need all generations to play a part in the AIA. Thank you to all AIA members who have contributed to leading our organization, as well as the young associate architects who are sharing their energy and insights. Growing our membership and bringing new voices into leadership keeps the momentum moving forward. Contact the Board of Directors, participate on committees, initiate dialogue, and reach out to community decision makers for AIANN's future efforts! ©

### THINKING OF BECOMING A MEMBER?

VISIT OUR WEBSITE AIANN.ORG FOR APPLICATIONS AND MORE INFORMATION.





# 2020 Golf Tournament The 30th Annual Denny Askew Memorial Golf Tournament

Aug. 17, 2020 | Montreux

hrough much uncertainty this year, our milestone tournament was a success. Our sponsors and players came out and supported the Scholarship and Education Fund. Our proceeds topped \$26,000. Montreux has invited us back next year. Mark your calendars for Aug. 16, 2021. ©

### TITLE SPONSOR:

**CORE Construction** 

### **BALL SPONSOR:**

**Basalite Concrete Products** 

### **DRINK SPONSOR:**

**Dianda Construction** 

### **HOLE-IN-ONE SPONSOR:**

**AIA Northern Nevada** 

### **ASSOCIATE SPONSORS:**

**Clark/Sullivan Construction** 

Henrickson Butler

**Reno Business Interiors** 

Haworth

Kahl Commercial Interiors

**Teknion** 

Kodiak Roofing and

Waterproofing

**Helix Electric** 

Miyamoto Engineers

**D&D Roofing and Sheet Metal** 

O'Hagin







### AIA WESTERN MOUNTAIN REGION UPDATE 2020

BY NATE HUDSON, AIA – WESTERN MOUNTAIN REGION SENIOR DIRECTOR AND 2020 AIANN PRESIDENT

he Western Mountain Region has spent the past year listening to our components and finding opportunities to assist with their needs during this very unusual year. Our perspectives have changed as new information unfolds, reminding us of how delicate the human condition is and how beautiful the society we all help shape can be when we get it right.

Given the AIA Convention Resolution 18-7, "A Study of AIA Regions, and April vote by the National Board of Directors, the future of the WMR appear uncertain at this time however regional leadership will be reaching out to stakeholders in the coming year to help design a future multi-state coalition that better meets the needs of both state with a common purpose but also the individual leaders who represent their state in the national dialogue. With this, it requires all of us to re-evaluate our priorities and dig deep to find how to help in the most impactful ways possible. It is with that understanding that I know the future of our multi-state collaboration will come together to do what we do best: sharing and connecting through our strong and respected network of colleagues to help our components meet their membership's needs."

WMR Conference in Albuquerque NM, originally scheduled for September 30th - October 3rd 2020 was postponed until 2021 however the WMR Executive Committee continued to convene the WMR Council during virtual meetings throughout the year and administered the 2020 Design and Honor Awards program with the help of AIA New Mexico.

With the above reduction of travel, misc. expenses normally accrued by the WMR, and prudency with the use of budgetary funds over the past few years, the WMR is financially situated to help our components through these unprecedented times. While 2020 regional dues have been abated by 50% we're currently looking to propose equal if not a further reduction during 2021 ensuring our commitment to each of our states during these unprecedented times.

We believe the WMR stands for much more than a 61-year-old antique structure ... we are a community of colleagues, a common thread between 6 divergent states and all of the glories and energies that embody them. We have so much more in common than we have apart, and we, together, are the professionals and colleagues to lean on, for support, in times like these. The WMR thanks each of our 6 states for being an active participant in making this OUR region and giving it the life, vitality, and expectation of something great.

## AIA WESTERN MOUNTAIN REGION ELECTION RESULTS

We're very pleased to announce new Western Mountain leaders to begin their terms in 2021 but most excited to share that our very own 2020 AIA Northern Nevada Associate Director Maggie Will, Assoc. AIA was recently elected to the AIA WMR in the position of Regional Associate Director! Congratulations Maggie!

### Regionally Elected Positions [by delegate vote]:

2021-2023 WMR Director and National Strategic Councilor - **Mark Ryan, AIA** (AIA Las Vegas/AIA Nevada) 2021-2022 WMR Treasurer - **Zach Taylor, AIA** (AIA Colorado)

### **Executive Committee Appointed Positions**

2021-2022 Regional Associate Director -

Maggie Will, Assoc. AIA (AIA Northern Nevada/AIA Nevada) 2021-2022 CACE Representative to the WMR Executive Committee -Diana Smith, AIA AZ (AIA Phoenix Metro/AIA Arizona)

### 2021 WMR Pettigrew Leadership Award

This year our jury consisted of:

**Jessica Parmenter** – At-Large Director for the National Associates Committee

**Kyle Palzer** – At-Large Director for the National Associates Committee

**Rachel Martinelli** – California Regional Associate Director for the National Associates Committee

After thoughtful consideration they concluded that **Julianna Sorrell, Assoc. AIA, 2020-2021** Phoenix Metro Associate Director from Arizona is the 2021 WMR Pettigrew Leadership Award winner!

Congratulations to the successful candidates and heart felt respect to all of those who ran for regional elected or appointed office this year. Your commitment to our region and ambition to help lead our organization into the future is admirable. Thank you.

Call us to find out how you can earn a continuing education credit while learning about the opportunities that custom digital printed wallcoverings can provide to accentuate your next project!



"It's Our Job To MakeYou Look Good!"
www.nvblue.com 775-827-4441

# 2020 AIA Nevada Distinguished Service Award Recipients

he Nevada Chapter of the American Institute of Architects (AIA Nevada) honors the achievements and exceptional service of select AIA members and firms through the annual awards program.

This year, AIA Northern Nevada members were recognized for significant contributions made to the profession of architecture and the larger community through the various AIA membership levels. Angela Bigotti-Chavez, AIA, received The Silver Medal Award for Lifetime Achievement; Maggie Will, Associate AIA, received the Associate Member Award for her service to the profession; and Clare Christensen was honored with the Allied Member Award for dedication and support to AIA Members and the Board of Directors. Congratulations to all of them and also to the members from AIA Las Vegas for their respective awards!

### Architecture Firm Award: Ed Vance & Associates (EV&A) AIA Las Vegas





The Silver Medal:
Angela Bigotti-Chavez, AIA
AIA Northern Nevada



Young Architect Award: Michelle Brigida, AIA AIA Las Vegas



Service Award: Dwayne Eshenbaugh, AIA AIA Las Vegas



Allied Member Award: Clare Christensen AIA Northern Nevada



Associate Member Award: Maggie Will, Assoc. AIA AIA Northern Nevada



Citizen Architect Award: Monica Gresser, AIA AIA Las Vegas

# AIANN Scholarship Report

BY NATE HUDSON, AIA – WESTERN MOUNTAIN REGION SENIOR DIRECTOR AND 2020 AIANN PRESIDENT



n June 10th, the AIANN scholarship committee reviewed and discussed the 2020 Raymond Hellmann and Graham Erskine Scholarships' submittals. The committee members present were Max Hershenow, Greg Erny, Mark Johnson and Nate Hudson. We received a total of six applications this year [five Erskine and one Hellmann], up from what we received last year. While most of the applicants were for the Erskine Scholarship, we will need to better market to the region's high schools next year to find more interest in the Hellmann Scholarship, our typical gateway.

Overall, the committee astounded by the quality of this year's applicants — one of the most provocative groups we've seen since our program's founding. This year, we felt that these application qualities were fitting of vastly more financial support than we have to offer. We struggled in our discussions and ultimately arrived at a thought that we will need Board approval to accomplish.

Our 2019 Hellmann recipient, James Severt, who was awarded \$1,000, was unable to attend the school that our funds were issued to and, as such, has forfeited this award.

### 2020 total scholarship budget:

 $\begin{tabular}{ll} Erskine & - \$5,000 \ [\$4,000 \ AIANN + \$1,000 \ AIA \ National \ Match] \\ Hellmann & - \$1000 \ [\$1000 \ AIANN] \\ Total 2020 \ Scholarship Funds & = \$6,000 \\ \end{tabular}$ 

### 2020 total scholarship actual:

Erskine — \$5,000 [\$4,000 AIANN General Account + \$1,000 AIA National Match]

**Hellmann** — **\$1000** [\$1000 AIANN General Account]

**Unused 2019 Hellmann** — \$1000 [\$1000 AIANN General Account] **Funds Directly from Education Account** — \$1500 [\$1500 AIANN Scholarship Account]

Total 2020 Scholarship Funds = \$8,500

If this is approved, we have agreed to award the allocated funds as follows:

### **Graham Erskine Scholarship:**

### **Grace Brooks**

\$2,000 — Montana State University, MT [from Gardnerville, NV]

### Jordyn Voss

\$2,000 — Cal-Poly, San Luis Obispo [from Reno, NV]

#### Eric Kuhr

\$1,500 — University of Colorado, Denver [from Reno, NV]

### Ryan Lew

\$1,500 — Cal-Poly, San Luis Obispo [from Sparks, NV]

### Tomera LaRae

\$1,000 — University of Idaho, ID [from Battle Mountain, NV]

### 2019 total scholarship actual:

**Erskine** — \$3,500 [\$2,500 AIANN + \$1,000 AIA National Match]

**Hellmann** — **\$1000** [\$1000 AIANN]

**Total 2019 Scholarship Funds = \$4,500** 

Excerpt from 2019 AIANN Scholarship Report

After much deliberation between the committee members regarding the quality of the applicants for this year, we would like to request that the Board grant the unused \$1,000 from 2019 to the 2020 budget. We would also like to add an additional \$1,500 directly from the scholarship account.

► — continued on page 20



### Raymond Hellmann Scholarship:

### Mary Kasteko

\$500 — McQueen High School Reno, NV To attend Montana State University, MT

Historical AIANN scholarship funds allocated by year:

In an additional conversation had by the AIA Northern Nevada Scholarship Committee, the AIA Northern Nevada Golf Committee, and a potential partnership with AIA Las Vegas via our State Component, I also have some new business for discussion.

- 1. For the 2020 year, the AIA Matching Component Grant Program has altered their schedule and will not be awarding funds in the spring for use the following fall term but instead awarding funds in the fall for use that very same fall term. For AIA Northern Nevada, this impacts our financial liability to our scholarships since, in previous years, our success in receiving this grant was known before selecting our recipients. For future years, including this one, we will not know if we will receive a grant until after choosing our recipients and determining the award amounts.
- 2. For the 2020 year, the AIA Matching Component Grant Program has added \$500.00 on top of the original \$1,000.00 available as long as the recipient of this new \$500.00 award is a Community College student. I have applied for these funds in 2020 but having no applicants from TMCC this year. Should AIA Northern Nevada receive this, the Scholarship Committee will need to work with Kreg Mebust at TMCC to conduct a special review and selection for this inaugural year.
- 3. Beginning with our Golf Committee and our Scholarship Committee, conversations have been coalescing around the future prospects of creating a scholarship for underprivileged youth, helping provide access to collegiate pathways in architectural study. This program would complement our current Erskine and Hellmann Scholarships who's selection is made almost exclusively with respect to merit. It would be targeted to underprivileged high school seniors wishing to pursue the TMCC Architectural Design Program or another architectural study program.

In addition to these local conversations, on 7/9/2020, the AIA Nevada Board met to discuss a potential partnership between AIANN and AIALV to build similar scholarship programs on each side of our state focused on under-represented groups of youth. A motion was made as follows:

"AIA Nevada will establish an annual Scholarship for high school seniors, with the primary purpose being to provide greater opportunities to those who are members of underrepresented groups in the State of Nevada and assist them in furthering their education in the field of architecture and design. Initial funding for this scholarship will be provided by AIA Nevada in the amount of \$5,000."

This was seconded by Nate Hudson, AIA, and approved by the Ex Com members' unanimous vote. While details are still being worked out, I will report to our local Board as more information is generated.

Thank you again for supporting the scholarship program. Please let me know if you have any questions. ②

Sincerely,

Nate Hudson, AIA

2020 President, Scholarship Committee Chair, AIANN

# Historical AIANN scholarship funds allocated by year:

2020-\$8,500
2019-\$4,500
2018-\$6,500
2017-\$6,500
2016-\$6,000
2015-\$6,000
2014-\$3,500
2013-\$2,500
2012-\$3,250
2011-\$4,500
2010-\$2,900
2009-\$5,500
2008-\$2,625
2007-\$0
2006-\$3,000
2005-\$4,500
2004-\$3,000

Total = \$73,275



# **AIA**Northern Nevada

### **HISTORY**

The AIA Northern Nevada's Scholarship Program was established in 1994 by local architects who wished to reach out to students and support their development into architects. The Chapter has been awarding scholarships in varying amounts each year since 1995. All Scholarships are awarded to students in May / June each year and then applied towards tuition for the following school year.

## THE GRAHAM ERSKINE SCHOLARSHIP:

The Graham Erskine Memorial Scholarship was established in memory of Graham Erskine, renowned Reno architect and author of Nevada's Licensing Act. Graham Erskine worked in Reno from 1946 until his death in 1991 and designed a number of landmark buildings including schools, hospitals and public buildings.

The Graham Erskine Scholarship has been awarded since 1995. We require that the applicant be a second year or above, full-time student, enrolled in a NAAB accredited Architecture Program.

## THE RAYMOND HELLMANN SCHOLARSHIP:

In 2003, the chapter established a second scholarship program in memory of Raymond Hellmann, prominent Reno architect. Raymond Hellmann won several awards for his design work and service to the architectural community. He is known for his Hamilton Manufacturing Facility building and the Fleischmann Planetarium at University of Nevada, Reno. In 1995 he also won the AIA Nevada Silver Medal.

As the AIA Northern Nevada's geographical area does not have its own NAAB accredited school, The Hellmann Memorial Scholarship is awarded to final year high school students accepted into NAAB accredited architecture programs and the Architectural Design Program at TMCC.

## Graham Erskine Raymond Hellmann

AIA Northern Nevada 2020 scholarship recipients

### **GRACE BROOKS**

Montana State University Bozeman, Montana

### **JORDYN VOSS**

California Polytechnic University San Luis Obispo, California

ERSKINE AWARD \$2000.00 ERSKINE AWARD \$2000.00

### **ERIC KUHN**

University of Colorado Denver, Colorado

### RYAN LEW

California Polytechnic University San Luis Obispo, California

ERSKINE AWARD \$1500.00 ERSKINE AWARD \$1500.00

### **TOMERA LARAE**

University of Idaho Moscow, Idaho

ERSKINE AWARD \$1000.00

### MARY KASTERKO

Montana State University Bozeman. Montana

HELLMANN AWARD \$500.00









### **GRACE BROOKS**

My name is Grace Brooks and I have chosen architecture as my avenue for making an impact. It is through Montana State's program that I have gained an appreciation of design and the impact architects can have on the world around us. I want to be an architect because I want to create places where people can tell their stories. I want to blur the boundary between what already exists and what is yet to be home. I want to make an impact on this world. I want to make an impact in someone else's life. I want to write my portion of the story of humanity.

### **JORDYN VOSS**

I am currently a 5th year student at California Polytechnic State University studying Architecture with a minor in Environmental Sustainability. Entering into our thesis year I am exploring architecture in the context of perception and experience utilizing pattern as a formal generator to alter and exploit interaction within the built environment. Outside of studio I am involved with Orchesis, Cal Poly's Dance Company and having been born and raised in the Sierra Nevadas can also be found hiking the Morros or exploring the multitude of beach towns that surround us. After graduation I hope to further my education and earn my license to further pursue the field of architecture.

### **ERIC KUHN**

I grew up in Reno, Nevada - the biggest little city in the world! Sketching and architecture go hand in hand and that was my sole connection to the design world when I went to school. I quickly fell in love with designing buildings and the collaborative environment of the architecture school studio space. I like working in the shop - wood, steel, and cast concrete have all been good avenues for my creative endeavours making models, planters, benches, boxes, etc. I always enjoy catching the latest 'This American Life' podcast because of the storytelling and the personal connection. I enjoy building those connections amongst the large teams of designers and consultants who imagine and construct the built environment. I love learning, and it seems like in this field, we do more and more everyday - it's what keeps me coming back for more, ready and excited!







### **RYAN LEW**

Hi, my name is Ryan Lew and I am currently a 3rd year Architecture student at the California Polytechnic State University in San Luis Obispo; minoring in sustainable environments and architectural engineering. We as architects have a large impact on the natural and built environment which is why I plan to continue to design with sustainability in mind and focusing on the connection between the built and the existing. I am also interested in structure and understanding the constructibility of a design. Lastly I am very much infatuated with the interior and how we as people experience space and interior design that promotes thought and emotion, which greatly has influenced my work so far in school and hopefully the rest of my career.

### **TOMERA LARAE**

I am currently a first-year graduate student at the University of Idaho, having graduated with my bachelor's degree in May of 2020. Attending college has provided me with many opportunities, including traveling to Africa, China, and Canada. I have also been an active member of the University of Idaho's AIAS Chapter since 2018 and now serve as Social Media Director. AIAS has not only helped me be a part of a better studio culture but has also helped me connect with others and see the kind of future I want to have in architecture. I would like to be involved with adaptive reuse and creating ethically and sustainably responsible housing.

### **MARY KASTERKO**

Hello! My name is Mary Kasterko. I am from Reno, Nevada, and I'm attending Montana State University in Bozeman. I was most attracted to MSU due to its six-year master's degree architecture program. With this being so attractive to me, I also wanted to study interior design and obtain an associate degree to partner with my architecture degree. I plan to further my architectural career by taking an internship during my time at MSU. Once I graduate, I want to take my degree and move to the east coast to start my architecture firm with an interior design aspect. Architecture inspires me in different ways. I want to impact the way people live their daily lives by creating innovative structures that work together with the environment. I am so thankful to be awarded the 2020 Raymond Hellmann Memorial Scholarship by the AIA Northern Nevada.





### BY MAGGIE WILL, AIANN EMERGING PROFESSIONALS DIRECTOR

oDeNG, or the "Young Designers Networking Group," serves as a support network for local design professionals to meet and learn from one another. Like most organizations that focus on in-person gatherings, 2020 has challenged us. Nevertheless, YoDeNG (pronounced "yo-dang") has adapted its efforts to ensure young designers' continued support in the community.

Though unable to gather in person for our monthly meetups, YoDeNG focused on improving the experience of architectural associates in Northern Nevada from behind the scenes. For one, this year, the group strengthened ties with the Truckee Meadows Community College Architecture Department. The American Institute of Architecture Student Chapter at TMCC has always been a vibrant source of inspiration in our community. By staying more closely connected and attending each other's monthly meetings, the AIANN and TMCC AIAS could share more resources, information about upcoming events, and even scholarship opportunities.

Working with the students at TMCC highlighted the importance of physical reference materials for the education of future architects. Our library of Architect Registration Examination 5.0 study materials has gone digital! Free to use by Northern Nevada residents preparing for the AREs, you can now search from titles available at

librarycat.org/lib/AIANN. Once a significant individual financial burden, these materials have been donated by recently licensed local architects for use by those who need them.

In this time of social distancing, adaptation is key. With meetings and events moving online, opportunities to reach across the state and regional lines have enriched how we work. To capitalize on this, the Emerging Professionals Directors for both AIANN and AIA Las Vegas have formed a partnership to share opportunities, events, and resources across the state.

We look forward to highlighting exciting updates from Southern Nevada and working together to collaborate on co-hosted events in the future.

The goal of YoDeNG is to strengthen cross-disciplinary relationships, support growing talents, and affect positive change within the Northern Nevada design community and beyond. While we hope to see you all in person soon, we hope you stay happy, healthy, and safe. Those looking to get involved, donate materials to the ARE resource library, or even be a fly on the wall should reach out to the organizer; Maggie Will, at maggiemwill@gmail.com, or the AIANN at aiann@aiann.org. Additional information, including upcoming events, can be found at aiann.org and on the AIANN Facebook page.  $\bullet$ 

eadowood Mall was abuzz March 11th with 13 teams separately coming together to use cans of fruit and vegetables as the brick and mortar for the building of 13 uniquely different structures in a competition designed to bring awareness of hunger in the community through the build of artistic structures using food as the medium — it was CANstruction Reno 2020. This was the 17th year that AIANN teamed with the Food Bank of Northern Nevada (FBNN) for the local CANstruction event and over 26,000 pounds (29,491 cans) of food were specially ordered for the task at hand, all of which was donated to FBNN after the event at a critical time of the year. Even more so this year as CANstruction was able to wrap up just a day or two ahead of the pandemic lockdown, giving a boost to the Food Bank shelves just in time.

Members of AIANN assisted or were part of nearly every team (Thank You!). Teams came together from all areas of the community and included students, contractors, community businesses and a local hotel-casino (and we're sad to see Harrah's Reno close). In the months leading up to the build day, teams schemed and planned how to build and strategically keep their structures standing within a  $10^{\circ}x10^{\circ}x10^{\circ}$  space and on display for the duration of the four-day event. And they were awesomely successful! The sculptures were amazing, and the event was a huge success. The structures were judged and awarded in five different categories, along with a People's Choice award (\$1 per vote) that capped off the event. This year we had scorpions taking to the desert, aliens taking to the skies, ice cream cones toppling over, and an Orca rising out of the ocean, amongst the baker's dozen of structures that were built.

Awards for the event are given based on various factors related to how the teams used and assemble the cans. From the People's Choice voting, the Reno community came through donating an additional \$923 that went to FBNN to purchase even more meals for those in need.

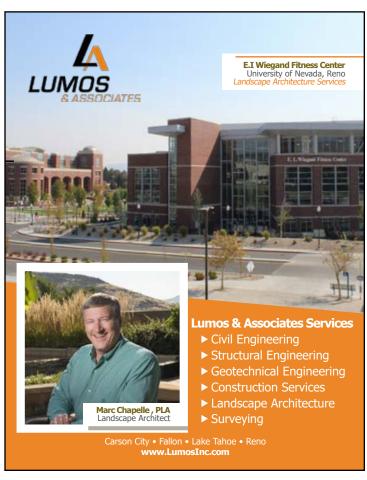
AIANN committee members and the Food Bank want to thank all of you who donated time, money, and effort to make this event the success that it has become. If you haven't participated as part of a team for this event in years past, we encourage you to take a chance this next year. We are always looking for members to help teams (and in particular student teams) participate. It's a great experience and a fun way to be involved in our community.

### This year's winners:

 Most Cans: 'Transport Hunger Out of This World', Kendyl Depoali Middle School (4,432 cans)

- Structural Ingenuity: 'Blackfish Free,' Mountain View Montessori Ocean CANservancy
- Best Meal: 'Join the Resistance End Hunger Across the Galaxy,' Pack 46/Troop 46/Trivium Packaging
- Best Use of Labels: 'Spike the Scorpion,' Sage Ridge School
- Best Original Design: 'Sculpting an End to Ameri-Can Hunger,' AT&T Pioneers Silver State Chapter
- People's Choice Award: 'Sculpting an End to Ameri-Can Hunger,' AT&T Pioneers Silver State Chapter

Photos of all of the structures have been forwarded to the national Canstruction organization for consideration of award at the international level. Reno is competing with CANstruction events taking place in over 100 cities worldwide. ©



# AIA NATIONAL UPDATE 2020



hile our entire country has wrestled with unexpected changes this year, AIA National has repositioned its efforts to meet our members' needs through these uncertain times. Although there are many more initiatives not listed here but being developed by the AIA board of directors, strategic council and staff, we've come a long way in 2020 on many below. We're also pleased to share that our very own 2020 AIA Northern Nevada President and longtime local and regional board member Nate Hudson, AIA, was recently elected to the AIA National board of directors! Congratulations Nate!

### **AIA NATIONAL ELECTION RESULTS**

2021-2023 At-large Director — **Nathaniel B. Hudson, AIA** (AIA Northern Nevada/AIA Nevada)
2021-2023 At-large Director — **Ryan J. Gann, Assoc. AIA** (AIA Chicago/AIA Illinois)
2021-2022 Secretary — **William R. Turner Jr., AIA** (AIA Colorado)
2021 First Vice President/2022 President-elect — **Daniel Stephen Hart, FAIA** (AIA Austin/AIA Texas Society of Architects)

### **COMPONENT COVID-19 TASK FORCE**

In May 2020, the Board approved revisions to the "Member Services Resource Task Force Implementation Plan." In doing so, it authorized the funding of a component resilience fund (formerly referred to as the "Component Excellence Fund") of \$305,000 annually. The fund was to be used to respond to, assist and support the financial needs of components facing extreme financial hardship for various reasons, including those caused by weather or other natural disasters that overwhelm the components' ability

and capacity to meet member needs, force majeure incidents, or other extraordinary events that impact the viability and sustainability of components.

President Frederick appointed a task force to assess components' financial health, set criteria and guidelines, and develop recommendations for short- and long-term solutions to address the viability of components during this unprecedented time.

The task force evaluated the financial health of components by examining data and association trends and best practices research and conducted outreach to the component network to gain insight into components' capabilities to withstand economic instability during the crisis. To ensure the AIA's health and sustainability at all levels, the task force identified circumstances for potential AIA support for components.'

Guided by the Task Force's recommendations, the Board approved criteria as the basis for determining qualifications for component funding through the Component Resilience Fund in 2020.

### 2021-2025 STRATEGIC PLAN

Access the AIA Strategic Plan 2021 — 2025 here: http://content.aia.org/sites/default/files/2020-07/2021-2025-Strategic-plan.pdf

After 18 months of work, our new strategic plan has been approved by the Strategic Council. Framing this plan is one overarching strategic priority revolving around a sea of change of AIA's efforts and coalescing around the concept of human and ecological health.

Following the overarching priority, the plan outlines its mission and vision with five supporting core values, four strategies and five imperatives.

## PRIORITY: CLIMATE ACTION FOR HUMAN AND ECOLOGICAL HEALTH

Mission: AIA inspires and empowers architects to improve society and transform the world.

**Vision:** Drive positive change through the power of design and focused activism.

### **Core values:**

*Impactful:* What we do matters and is relevant to our clients and society.

*Transformative:* We work for profound, lasting, positive change in the profession and society.

*Visionary:* We imagine a better future and act courageously and confidently to achieve it.

*Inclusive:* We believe architecture is for everyone, and we model deep collaboration and inclusion in all we do.

Innovative: We lead with creativity and insight.

### **Strategies:**

*Mobilize for impact:* Focus and align programs, services, structures, and resources to develop innovative — solutions to the world's most pressing challenges.

Educate and prepare: Equip architects for success by transforming architecture education, expanding access to the profession, cultivating a learning culture and developing leadership.

Advance knowledge: Knowledge is our currency. Generate, curate, and disseminate knowledge required for success.

Broaden the tent: Collaborate with design, construction, community leader and stakeholders. Organize and activate grassroots advocates.

### Imperatives:

Emphasize climate action: Build impact by focusing on climate action and positioning architects as community leaders to drive the widescale adoption of practical design solutions that will rapidly address and mitigate the effects of climate change. Catalyze equity: Foster diversity and inclusion in the profession, and advance the health, safety, and welfare of our communities through design and advocacy for lasting solutions in our built environments.

Optimize the role of the architect: Optimize architects' presence and impact by equipping and preparing them to serve as conveners, collaborators, civic leaders, and change agents in developing and delivering solutions to society's most pressing needs.

Revolutionize research and technology: Leverage emerging technologies to accelerate architecture's progression to a knowledge-driven discipline and evidence-based, transformative solutions. Harness an intra/entrepreneurial startup mentality to foster rapid innovation.

Revolutionize architectural education: Make architectural education more responsive to emerging trends, more inclusive of underserved audiences, and more oriented toward the future role of the architect.

To ensure the AIA's health and sustainability at all levels, the task force identified circumstances for potential AIA support for components.

# AIA FRAMEWORK TO ADDRESS SYSTEMIC RACIAL INJUSTICE AND INEQUITY

Future Forward: Moving justice and racial and gender equity decisively from aspiration to action. https://www.aia.org/pages/6303978-future-forward.

Harnessing our members' passion and the broader design community, AIA is taking steps to advance racial justice and equity in our organization, profession and communities. It will do so in the following ways:

**Dismantle** barriers within all AIA systems: governance, honors and awards, internal policies, vendor selection, hiring/retention, and any business practice that intentionally or unintentionally contributes to injustice and exclusion (policies, practices and programs).

**Expand** inclusiveness and diversity within the profession through K-12 and higher education engagements and advocate for effective pathways into the profession. Expand the participation of racially and ethnically diverse populations, women and other underrepresented groups.

**Conduct** training, enhance education and knowledge dissemination and increase the number of high-quality new resources for the Board, staff, volunteers and members. **Ensure** alignment with AIA 2021-2025 strategic plan.

### **PUBLIC OUTREACH**

AIA Film Challenge: 97 films qualified for the 2020 AIA Film Challenge; winners, including the Grand Prize, runner-up, Third Place and People's Choice, were announced at a virtual award ceremony on October 21st. See the winning films at https://aiafilmchallenge.org/

The new website for Blueprint for Better has launched! Sign up now to commit to taking action against climate change and receive updates and resources on how we can all contribute to being part of the solution, together with all AIA members, civic leaders, and those in the public taking climate action. An extensive digital marketing campaign will also launch in January.

### SUPPORTING EMERGING PROFESSIONALS

The Supporting Emerging Professionals Task Force, appointed in response to 2018 Convention Resolution 18-6, was charged to study

▶ — continued on page 28



### ▶ — continued from page 27

categories of Emerging Professionals (EPs) and develop strategies, tactics, and tools to increase member value through marketing, assessment of current programs, development of new programs and incentives that will attract or retain EPs. The task force is focusing on four key thoughts.

- The changing association landscape;
- The need to strongly define the value proposition for membership among EPs;
- The role that cost, awareness and "gatekeepers" play in recruiting EPs.
- Component challenges to support program development.

The Task Force was asked to consider other drivers for AIA membership, specifically related to the value proposition for EPs as it exists today and how to redefine it in the future. This led to the issuance of a survey to EPs in late 2019. The survey research findings were used to generate nearly two dozen concepts to test through qualitative interviews with EP members and nonmembers, firm leaders and architectural program faculty. Based on the interviews' feedback, the Task Force established final recommendations for AIA's consideration and the Board approved the report for implementation.

### **REGIONS TO STATES**

AIA Convention Resolution 18-7, "A Study of AIA Regions," passed by a vote of 3,936 to 339 (201 abstentions) in 2018.

Motion Passed (April 2020 Board Meeting): "Having considered the final report of the Regions Task Force as presented at this meeting, the Board expresses its preference for the 'Adaptive Reuse of State Components' approach, and directs that the president take such actions as may be appropriate toward implementation." This approach will eliminate regions from the AIA structure. The "Adaptive Reuse of State Components" model creates a direct connection of state components to AIA National through state-elected Strategic Councilors.

### **Current Provisions and Recommendations**

Each state would elect one Councilor to the SC for a threevear term.

The geographical portion of the council will increase to 57. The ex-officio representation will be reduced to AIA Immediate past president, AIA Pres-elect; AIAS rep; NAC rep; CACE rep; EVP/CEO.

Reduce the number of At-large reps from 10 max to 3 max.

### Recommendations to address parallel interests

Diversity Pipeline and National Representation: Identify new opportunities and recommend processes to engage future AIA leaders within the new structure.

State-Level Nomination Processes: Research and identify existing models for leadership selection within single state regions. Explore what, if any, guidelines may be appropriate for a nomination process for states to elect members to serve on the Strategic Council.

Flexible Partnership Models: Identify best practices that allow for flexible consortia of components to engage around regional issues, events, etc.

### **Key Next Steps**

Present model and rollout recommendations to the Strategic Council, December 2020.

Engage Constituent Groups (NAC, YAC, COF and SFRT) January — February 2021.

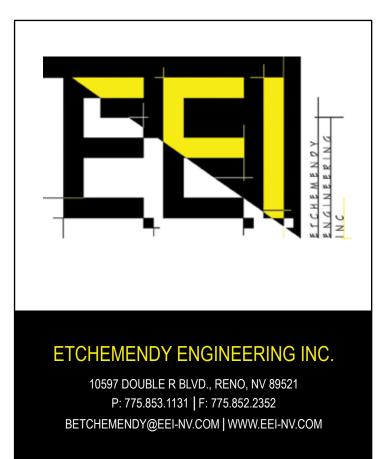
Grassroots presentation of approved model February 16-18,2021 Finalize all elements and implement recommendations in preparation for member vote at A'21.

### **ARCHITECTS FOUNDATION**

As AIA's philanthropic partner, the Foundation leads efforts to attract, inspire, and invest in the next generation of architects to positively impact the world. Despite the global disruption, the Foundation is expanding and growing; it is a fiscal sponsor for one AIA chapter's philanthropy. Below are a few of the successful 2020 initiatives developed:

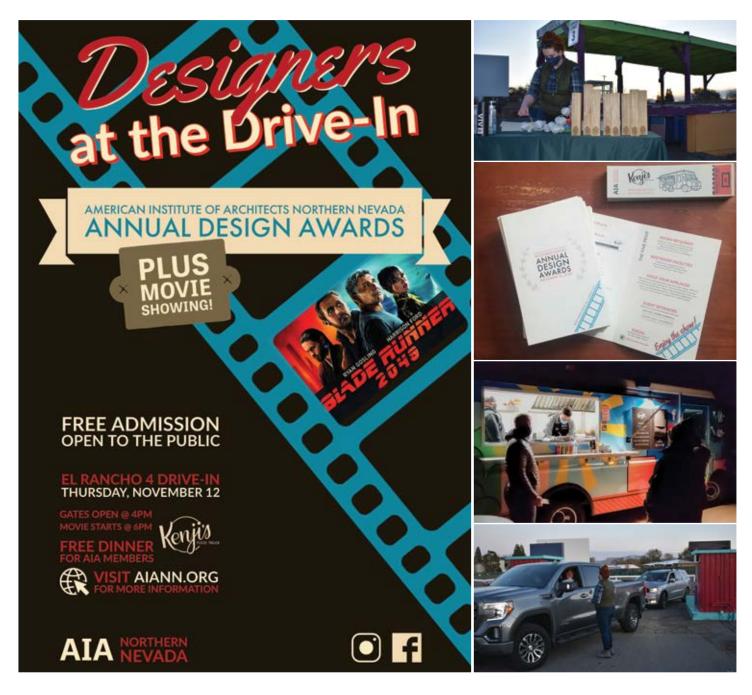
We partnered with SmithGroup on the "Society's Cage" exhibit on the National Mall. The Foundation is also engaged with HKS' "Intern+Firm" match program. The Foundation continues to support scholarships and grants and to maintain The Octagon.

This year, a new "20 from 20" initiative was begun, seeking \$20 from 20,000 donors to provide critical support to the Diversity Scholarship program and state and local architecture foundations. To date, approximately \$40,000 has been received. https://architectsfoundation.org/donation/ ©



# 2020 AIANN Annual Design Awards Event

BY MAGGIE WILL, AIANN EMERGING PROFESSIONALS DIRECTOR | DRIVE-IN THEATER EVENT COORDINATOR



s with most events in 2020, this year's AIA Northern
Nevada Awards Gala was thrown a curveball. What would
traditionally have been a night of food and fellowship in a
restaurant like the Wild River Grille or Twisted Fork, took
a new take on what it means to gather. Not to be deterred, this year's
awards were still presented "in-person"... as long as a 50' tall projection
of the award presenters counts!

This November we celebrated the achievements of the local design community at the West Wind Drive-In Movie Theater. AIA Members were able to enjoy a hearty Hawaiian dinner from Kenji's Food truck at no cost: compliments of the chapter!

Nearly 70 members of the community came out to celebrate this year's distinguished projects and designers. With the help of Shanna Anderson, of Crest Architectural Resources, the AIANN was able to produce a short film that starred the AIANN Board Members announcing this year's award-winning submissions. Following the breakout performance by the board members, attendees were given a chance to reflect on some brutalist architecture in the feature film, Blade Runner 2049.

Congratulations to this year's award recipients and thank you for joining our socially distanced celebration!

► — continued on page 30





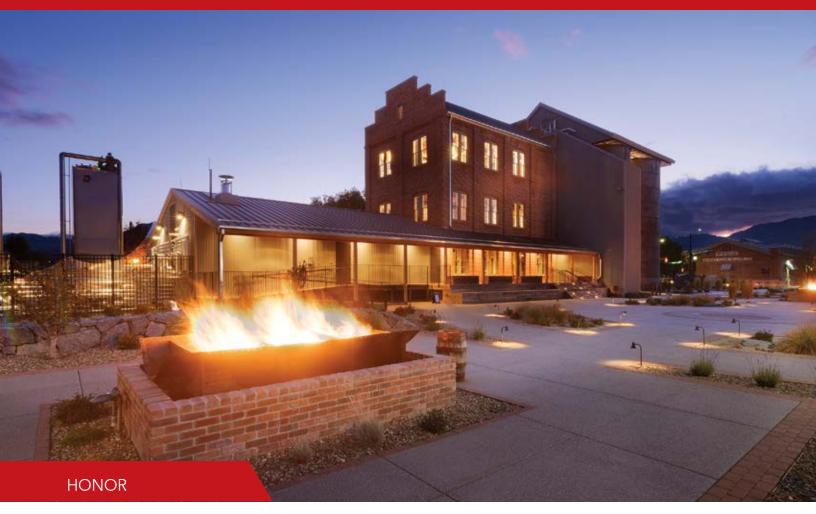


# 2020 AIA Northern Nevada Design Awards

design | strategy | vision



### BENTLY HERITAGE ESTATE DISTILLERY



ow do you make a dream come true? How does a flicker of thought turn into a viable, physical reality? That is what the Owner of the Bently Heritage Distillery in Minden, Nevada asked the team of designers, engineers and other creatives in 2015. The ten-acre former manufacturing plant "campus" had been abandoned for years. Though weathered and outdated, three of the seven buildings on the campus were deemed salvageable and targeted as the main structures for starting a new era of use. Two of those structures, which are directly adjacent to one another, the Mill Building and the Creamery, were vacant and of historical significance, aged over 100 years. The third, a windowless warehouse, was being leased to a small charter school.

The plan was to strategically take down (deconstruct) the four unusable, far too worn-out structures on the site and reuse those pieces and parts as salvaged material for the new construction, remodeling, and preservation of the existing buildings that would be re-purposed for distilling and production. The creative task was to design within the historical means of the structures, honor the viable "bones," celebrate the character of the "skin," and integrate the owner's new vision with a design that respects and complements the history while viably functioning for today and tomorrow.

In response to the Owner's request, the design team's concept focused on the creative integration of old and new. Every program and functional need became an opportunity to ideate. It was a continual **ARCHITECT:** Van Woert Bigotti Architects

**CONTRACTOR:** Miles Construction

COMPLETION DATE: 2020 LOCATION: Minden. Nevada

exercise of historical study, innovative thought, material and graceful detailing.

The Mill Building (11,000 SF), a distinct structure of near landmark presence along Highway Route 395, presented the opportunity to re-purpose the entire original structure. It wore a shroud of aged corrugated metal siding, which was removed to reveal a handsome three-story brick facility supported by a heavy timber structural grid. Its timber structure was meticulously disassembled and stored while steel columns and beams were craned in from above and placed within the original brick walls to create a seismic cage. The existing heavy timber posts and beams were re-installed to provide a sales and welcome center, public bar and private tasting room. The inside quadrant panels of the four original steel grain silos were cut out to create space within the silos for process equipment that now produces single malt whiskey. Two magnificent Forsyth copper stills imported from Scotland adorn the space between the silos and

public area with large viewing windows into the production area from both the public bar and private tasting room. For code compliance, vertical circulation, restrooms, and ramps were integrated into the design to bring the 106-year-old building up to current standards. The public stair that transcends three floors is positioned in the original brick structure as a radial architectural icon adorned and detailed with cross sawn re-purposed douglas fir from the original structure as stair treads, then complimented by raw steel and subtle lighting. The stair becomes a sculpture of re-purposed material and enhances the interior experience and events.

The Creamery Building posed a very different challenge. At some point in the life of the Creamery Building structure, it functioned as a manufacturing plant, and the original structure had been transformed with a steel structure that retained the original brick façade. With that, only a minor portion, the entire façade, of the very original structure was retained for the major addition of a clear spirits and bourbon production facility for Bently Heritage Distillery. The large 100,000 square foot pre-engineered building attached to the Creamery historical façade was removed and a new brick and steel structure was added to the Creamery front to form the second building on campus. The new brick and steel are detailed to complement the historical front to create a handsome compliment to the Mill Building.

The old abandoned warehouse that housed the charter school was gutted and remodeled for offices, receiving and distribution. The design team elected to clad it in a dark standing seam metal panel system and recycled barn wood charred black to contribute to steel and brick's overall campus look. Bright red doors accent the exterior for a touch of color and way-finding.

The landscape design consists of natural, indigenous plant materials, all drought tolerant, all in keeping with Northern Nevada's high desert's natural environment. The facility opened to the public in the spring of 2019 and has become one of the major economic generators in the small town of Minden, Nevada. What was once a community eyesore is now a source of civic pride and an example of preserving the past for a bright and prosperous future. There is a sort of life breathed into the details and materials of this design that aims to convey the essence of the Owner's vision: to bring back to life these iconic historical structures to allow them to serve a new purpose and make more memories for generations to come.

Materials used for construction were recycled wherever possible from materials salvaged from demolished buildings on-site. Brick for the new portion of the Creamery was from an adjacent building that was torn down. The Mill's heavy timber beams were salvaged, documented, stored, re-worked, and placed back into the building exactly where they were before. Wood studs (2x4) that made up old grain bins were repurposed as wall paneling in the Mill. Metal panels taken from the four steel silos were used as the wall cladding of Well #One, which provides all the water on-site for the distilling process.

The goal was to provide a progressive, modern design integrated into buildings that are over 100 years old without compromising the historical integrity of what has become a community asset.





The Distillery is an "Estate" Distillery. All the product that goes into the making of whiskey, vodka and gin, is grown on the Owner's 50,000-acre ranch. Barley, Rye, Wheat, Oats, Corn, Fruit, and even Sage and Manzanita for fusing are grown and cultivated for production less than 2 miles from the Distillery.

The mechanical design is an integrated system that meshes the distilling process equipment with the space heating HVAC equipment to provide a redundant free system of reuse, recycle and reclaim. All the excess water used for distilling is fed back into the HVAC system for its operation. The excess heat generated during the distilling process helps heat the buildings during the winter and is then recycled through a heat exchanger for cooling. A highly sophisticated computer control system orchestrates the energy interplay on a minute by minute basis. Also, all the landscape irrigation water is reclaimed "purple pipe" water.

The entire Bently Heritage campus has achieved a LEED Gold certification. ②



### SPINE RESIDENCE



verlooking the surrounding Sierra Nevada Range, the Spine Residence was designed to capture the site's remarkable views, maximize solar collection, increase shade and shelter from the sun. The home is divided into two realms: public and private, separated by an exposed concrete spine wall.

Ninety-five-feet-long, sixteen-foot-tall and 1'-8" thick, the exposed concrete spine wall runs the residence's entire length with punched openings used for passageways or windows. The spine wall protects the home from the harsh foothill climate while collecting solar heat in the winter and funneling the prevailing winds to help with ventilation in the summer. The wall leads through the entry, passing by punched openings that give glimpses of the interior, into the

front entry, by the great room that opens up to the mountains' views, and then continues to the back of the house to create a protected patio.

This project's challenges were to create a contemporary design with a fixed construction budget in a gated community with a design

**ARCHITECT:** Architectural Design Group

CONTRACTOR: dfaltmann
COMPLETION DATE: 2019

LOCATION: Reno, Nevada









review committee that is hesitant with contemporary architecture and does not allow exposed concrete. The design team had to write a letter to the design review committee to discuss the benefits and green aspects of exposed concrete. Remarkedly, in a building climate with sky-rocketing construction costs, the 3,000 square foot home was built under budget. This was partly due to the builder's strong collaboration with the owners on the interior finish and fixture selections.

The longevity, sustainability and low maintenance of the building envelope were of high importance to the owners. The exterior was composed of stucco, cedar siding, and the concrete spine wall with this concept. Extensive modeling was utilized, allowing the design team to minimize heat gain and create well balanced daylighting throughout

the home. Glazing was greatly reduced on the western and northern exposed walls, and instead, the home was directed to the south for maximum passive solar gain in the winter months. The "Venturi" effect along the spine and the placement of operable windows help cool the residence with the prevailing winds sweeping through the interior. LED lighting and high-efficiency appliances were used throughout to decrease energy consumption. Insulation was increased beyond energy compliance with impermeable roof insulation and continuous rigid around the exterior of the building envelope, establishing a very tightly sealed environment. Extensive hardscape, natural site material, decomposed granite and low water consuming plantings were implemented to complement the surrounding natural high desert landscape. Planning was also considered for future photovoltaic panels on the low-sloped roof areas.  $\Box$ 

### THE NORTHERN NEVADA STATE VETERANS HOME - INTERIORS



s baby boomers grow older, they increasingly need places to do so with grace. Sometimes, this is a design solution that converts a home so the elderly can "age-in-place," but it often means relocating to an assisted-living facility or nursing home. This evolving building type is open to many design innovations, from technologies and ways of making spaces feel like home to finding new ways for residents to create communities in their new surroundings.

The Northern Nevada Veterans Home, a federal and state-funded project, is a 116,000 square foot, 96-bed retirement home in Reno for Nevada's men and women who served our country domestically and abroad. Both the state and federal officials were looking for an exceptional facility to serve these veterans. With that, the design team searched for a solution that would provide a positive environment that would inspire healthy living and active social interaction. This facility is designed not merely to house retiring soldiers in a "tired" season of life. Instead, it is designed as a diverse community of spaces where veterans can come together with common histories, current and new social circles, and supportive family networks in a visually familiar, inspiring, light-filled, and active environment.

The State of Nevada Veterans Administration is re-thinking the way retirement homes are designed and operated in Nevada. This project incorporates the "Greenhouse" design concept of providing a more home-like atmosphere where Veterans can share their lives in a sustainable, energy-efficient, residential environment. The challenge

**ARCHITECT:** Van Woert Bigotti Architects

**CONTRACTOR:** Q&D Construction

**COMPLETION DATE: 2019** 

LOCATION: Reno, Nevada

was to design within a very tight budget and provide a well-deserved safe, warm, and comfortable environment that is modern yet familiar. With that, the design team elected to utilize a simple repetition of wings and courtyards along a common connecting "Main Street" and apply a variety of familiar finishes to create comfort and visual interest to the "Community" environment. A home away from home concept is implemented for visiting family and friends and a meaningful experience with comrades.

The design solution composes three independent "care units" as wings that are connected to a Town Square space, where a common dining hall, coffee shop, sports bar, gift shop, physical therapy and other services are organized around a community living room, which includes comfortable seating for reminiscing and a central fireplace to keep warm and feel at home. Between these "Wings" are safe, secure courtyards for outdoor enjoyment. Main Street is a gently curved connecting walkway to the three care-unit "Wings" — one for ambulatory care, one for managed care and







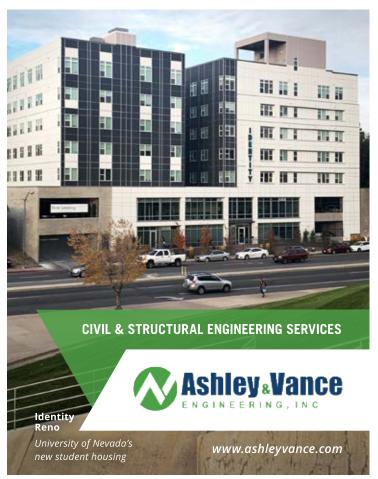


A few unique interior architecture strategies to point out are: First, the composition of polished, board-formed concrete, native Douglas Fir and raw steel. The balance of these materials, thoughtfully placed in each area to anchor the space, provides visual and physical integrity. Second, the design team created a custom "football" field floor surface pattern directly adjacent to the occupational therapy room so that the veterans could use it as "goal markers" in their rehabilitation exercises. Within the field detail is a replica of the UNR Nevada Wolf Pack logo (requested by Governor Sandoval). Third, felt wrapped convex and concave custom fabricated ceiling panels are integrated down Main Street of Town Square to delineate the space with a visual softness, warmth, texture and elegance, all the while absorbing sound. Together, the warmth, texture and psychological comfort set the environmental tone for the interiors creating a familiar, confident image for a Veteran needing that level of comfort as he/she makes one of the most important moves of their life — a place to finally call home. •

one for memory care. These three modular living "Wings" with skilled nursing are linked to the central Commons with a shared "Clubhouse," which offers Therapy, Small Clinic, Arts & Crafts and Salon, along with Chapel, Canteen, and Meeting Room spaces. Each unit has two "Neighborhood" zones that house 16 veterans each, which are then broken down into (2) houses of eight. Each "Neighborhood" has its own living, dining, and kitchen areas where Vets can "stay in" and eat if they choose, or go down to Town Square and be with his/her compatriots. Vets are given endless options for developing and nurturing their physical health and mental well-being in a comfortable, secure environment.

With a very strict and limited budget, the design team had to pay close attention to detail and placement of specific materiality to make the most of the warmth and texture they provided. In an attempt to de-institutionalize the living conditions of retired veterans living in retirement houses, the design focused on counteracting the necessary institutional elements with those that portrayed depth, integrity, and pride inspired by the context of our Northern Nevada Region. Each "care unit" has a common theme:

1. "Reflections" — Lakes in the surrounding region; 2. "Sierra" — Native trees of our surrounding region; 3. "Wilderness" — Animals living in our surrounding region. Within these units, each wing and room was named after a corresponding Lake, Tree, or Animal native to Northern Nevada. These themes inspired the color palette and way-finding details to connect each space cohesively and enhance recognition and pride for the resident.



#### WASHOE ARTRAIL MONUMENT @ CRYSTAL PEAK PARK



he Washoe ArTrail was a multiyear Washoe County place-making project supported by ongoing grant funding from the National Endowment for the Arts. A first of its kind for Northern Nevada, the ArTrail led to the creation of a rammed earth monument at Crystal Peak Park in Verdi, Nevada. This trailhead monument is symbolic of ephemerality and emphasizes the importance and fragility of riparian and arid ecosystems. This tangible portal was informed by resident narratives and was constructed by and for residents' enjoyment. As an enduring testament to public space that invites, not divides, participation in the Washoe ArTrail, it is meant to deepen connections with geography, history, culture, and art as our community journeys ahead. The sculpture acts as a monument from the street but has secrets on closer inspection. Intentionally the structure is oriented on axis with Lady Bug Peak. The rammed earth wall facing the street has a Paiute phrase etched into the surface — The land of your Mother's Sister. The polished stainless steel floor reflects the always changing northern Nevada sky and the rammed earth walls. The mirrored floor floats over native river rock from the Truckee River. The Nevada mineral hematite is exposed on the entry wall as a reference to geography and place. Barb Santner was the pro bono landscape architect for the adjacent site area, and all the plant material came from the Washoe County division of forestry with grant monies.

**ARCHITECT:** Hawkins & Associates

**CONTRACTOR:** Roam Collaborative

**COMPLETION DATE: 2019** 

LOCATION: Reno (Verdi), Nevada

Volunteers installed the plant material. Ultimately the sculpture will sit in a lush field of horsetails found naturally a few hundred feet away along the Truckee River.

The artist team known as ROAM Collective put blood, sweat, and tears into the process and construction of a locally sourced rammed earth monument during August 2019. Ask any one of the four members what made this land artwork possible and they will tell you it is the familial bonds and lasting friendships between the contemporary architect Jack Hawkins, sculptor and musician Davey Hawkins, landscape photographer Scott Hinton, and urban geographer Kerry Rohrmeier. Each has lasting roots in Washoe County, and together they find inspiration in the high desert, so they were compelled to build something meaningful and permanent together.  $\Box$ 

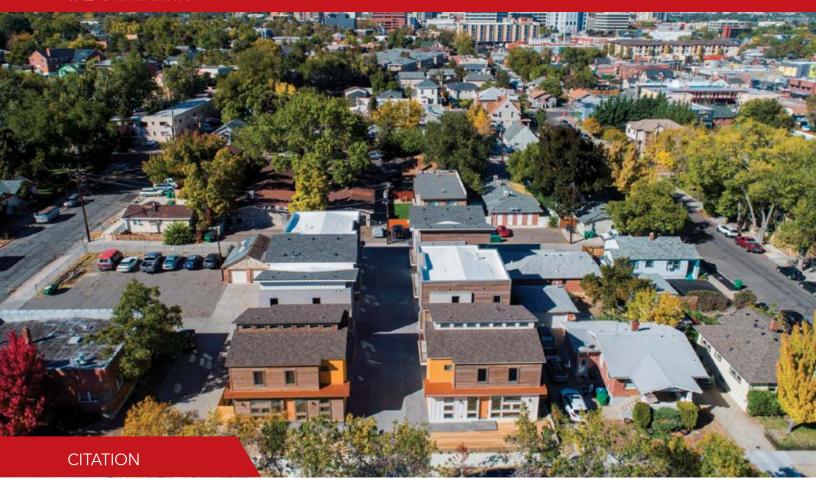








#### **3X2 ON MARTIN**



rban sprawl can cause increased traffic, worsening air and drinking water, threats to groundwater supplies, high rates of polluted runoff, and increased flooding. Urban sprawl also contributes to longer commutes, high costs of services, and neglected city centers. Solution ... Infill.

Infill development can positively impact a community in a variety of ways. Vacant and underdeveloped lots are typically integrated, or readily able to be integrated, into existing infrastructure, including sewers, roads, and public transit services. This greatly reduces the need for additional resources associated with having to connect to these essential utilities. Further, infill development helps combat sprawl, which is often comprised of low-density development and the separation of uses, thus increasing a community's reliance on automobiles. Infill development can increase the density of an area which, in combination with expanded public transit, can decrease the emission of greenhouse gases. Developing homes in close proximity to existing public transit and integrating non-residential and residential uses reduces the number of vehicle miles traveled. By reducing sprawl, infill development also conserves natural resources, protects biodiversity, and promotes watershed protection.

The site was a vacant lot bordered by existing residences. It is within walking distance to Midtown which offers amenities such as dining, shopping, work, public transportation, and schools, helping to create a walkable community.

**ARCHITECT:** Architectural Design Group

**CONTRACTOR:** Timberline Builders

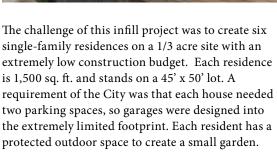
**COMPLETION DATE:** 2017

LOCATION: Reno, Nevada









The longevity, sustainability, and low maintenance of the building envelope was of high importance to the developer. With this concept, the exterior was clad with reclaimed wood siding and stucco. The reclaimed wood needs no additional staining, weathers over time, and decreases the demand for newly sourced lumber which helps curb deforestation. Stucco is resistant to fire, rot, mold, impact, and termite infestation. With our local climate condition, the finish on stucco homes can last as long as 100 years. The ingredients for stucco finishes were obtained from local, sustainable sources. Other sustainable features include. recycled building materials on interior finishes, enhancing the indoor environmental quality, high efficiency lighting, low-e windows, continuous insulation on the exterior, and native, low-water consuming landscaping. O





#### **ALTITUDE**



ew ownership at the Nakoma Resort needed to address two vital issues for the near- and long-term success of their properties: the need for overnight lodging and the need to draw new interest by providing more recreation and leisure opportunities. Two buildings were conceived: the boutique hotel — Lodge at Nakoma, and the other was a recreation facility — Altitude.

The programming of Altitude was undertaken in concert with the ownership team to explore the possibilities of providing a diverse set of year-round recreational options in and around the facility's site. Key programmatical elements were selected and located for their distinct functional attributes or essential connectivity either visually or by physical proximity. A breezeway connected the 'active' areas, including day care, climbing gym, fitness center and locker rooms. Consideration was taken to provide enriching and appealing views from treadmills, stationary bikes and the elevated yoga studio. The southern section of the building is more formal and meant for reception, lounging and dining. All areas of the building are connected to the central focus of the facility: the pool deck.

Integration into the site's topography and providing a sense of prominence and arrival were essential to Altitude's visitor experience. With dramatic scenery and views of distant mountaintops, the view angles were carefully considered early in the planning and site analysis phase. Locating the facility in terms of elevation and proximity to existing drives and access points was

carefully considered while providing a generous pool deck and outdoor dining opportunities. Access to and views of the adjacent creek were vital while providing a sense of privacy on the pool deck for families from the nearby road.

While the site conditions and geography greatly influenced Altitude's character, two other essential influences informed the architectural approach: the culture of the Maidu (Native American people of Northern California, which call the mountains and valleys in the project area home) and the Frank Lloyd Wright Clubhouse nearby.

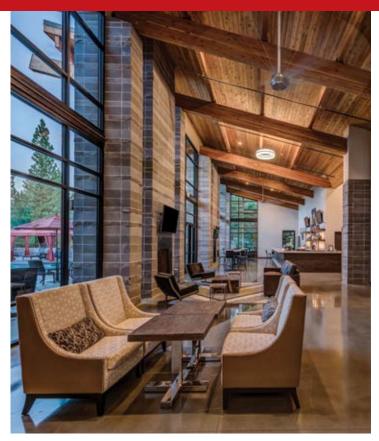
While respecting the beauty of the Wrightian forms and the Clubhouse's presence a short distance up the hillside, Altitude does not mimic the formal design. Instead, it uses the importance of masonry, rhythm and the 'fireplace' primacy as a gathering point to create order and drama. The FLW building was designed for another site with a flatter topography. It was inspired not only by the local Maidu but also by Native Americans' structures in the Midwest regions.

**ARCHITECT:** Cathexes

**CONTRACTOR:** McCuen Construction

**YEAR COMPLETED: 2018** 

LOCATION: Clio, California









The beautiful and intricate Maidu baskets and bowls weaved together with function and aesthetics in mind found their way into shaping the pool deck and its rings and the interplay of color and material of the cladding. Symbiotically the habits and traditions of the Maidu fit well with the site and program. In the summer, the Maidu structures would be built so that the opening faced east to catch the morning sun, and the walls of the structure (often made of cedar bark) were closed to the harsh afternoon sun from the west. The 'breezeway' connecting the key features of Altitude along the north-south spine features large operable doors and a rhythm of glass facing east to the pool deck and the morning sun to provide early-morning light and warmth to the morning users of the Fitness Center.

Locating the project in a centralized location mitigated the need for a typical parking ratio, and indeed most visitors shuttle, walk or ride their bike to the facility. Western Red Cedar siding and soffiting is the primary material for its sustainable qualities and beauty. A highly efficient Variable Refrigerant Flow (VRF) HVAC system was chosen for its efficient moderating of the temperature swings, and envelope thermal values well above code requirements were achieved. The large openings were carefully chosen in location and design and glazed with thermal efficiency in mind. The natural lighting reduces the power demand, while the orientation and detailing reduce the amount of harmful glare in key areas. Locally-sourced materials reduced the amount of embodied energy, and local contractors were chosen where possible to reduce the amount of travel to the site and invest back into the local community.

#### **DESERT SKIES MIDDLE SCHOOL**



#### **Design Goals:**

For this new Middle School, the District set out optimistic goals to provide the community a prototype design that is sustainable, safe, flexible, functional, maximizes natural daylight and beats the relative cost per square foot of current trends and those seen in the previous "traditional-schools." At a time where costs in the area exceed \$335.00 per square foot, the District's budget restraint called for strategic design. A simple arrangement of program components was required to offer ease of construction, transformation for future site adaptability, and ease of wayfinding. Equally important to the District was to evoke imagery for a renewed interest in school pride through quality interiors and architectural identity.

### **Design Approach:**

The design is an adaptable "kit of parts" solution organized by a main street corridor. Separate wings surround an outdoor courtyard with outdoor learning sub-courts. Grade levels are individually paired as "Schools within a School"; sixth grade with Electives and seventh grade with eighth grade in separate two-story wings with Team Teaching spaces for each grade level. The central wing accommodates the Main entrance(s), Administration and the Media Center. The "main street," monitored by the school office, organizes the building parts. It is the main conduit of the school. It includes inspirational wall words representing the acronym S.T.R.O.N.G. (Significant, Tolerant, Resilient, Noble and Grateful), each of which are team names that students are assigned. These words are placed throughout the main street to support these student teams to create team pride and school unity. Collectively, the building acts as a campus yet functions as one facility. Separating seventh and eighth grades in one wing and sixth grade and electives in another directly respond to the District's brief to address age differences. To address the strict budget constraints, the design team set out to create simple construction systems by applying an "economy

**ARCHITECT:** Van Woert Bigotti Architects

**CONTRACTOR:** CORE Construction

**COMPLETION DATE: 2019** 

LOCATION: Reno, Nevada

of means" building approach. A repetition of concrete masonry walls uninterrupted from the ground to a parapet, alternating with glass curtain walls, provided expedient construction measures, as well as rhythmic composition for aesthetics. Metal panel volumes highlight programmatic areas for architectural interest and school colors and identity. This simple construction methodology on the majority of the building allowed for the hierarchical treatment of the centralized entry wing (including the main single-point entry, library, the student entrance from the outdoor commons space). For this element, an expressive simple framed inverted roof celebrates the importance of function and offers a unique school identity.

Interior architecture strategies carry out a vibrant color palette, wayfinding methods, graphics, and a school mural unique to Desert Skies. These strategies are intended to inspire and activate the students and staff to generate motivation for teaching and learning and school pride.

The design is also responsive to the District's wish to have the building act as a learning tool. The team incorporated the concepts of an exposed mechanical room at the west end of "main street," exposed mechanical piping routes and exposed structural systems. A learning component is incorporated. The mechanical room includes a computer and monitor that faces "main street" to display real-time heating and cooling data, electrical supply and demand and diagrams of how the school HVAC system is designed





to function. This system is accessible to all the science and math classrooms for teaching applied concepts.

The District's intent to make this a facility that contributes to the community was addressed by developing the cafeteria into a stage and performance space and creating the east courtyard as an amphitheater for outdoor events. The entire design was approached with the focus on maximizing expenditure to provide the necessary programmatic requirements with aesthetics that build school pride and community respect for the tax dollars invested. The costefficient strategies resulted in a construction cost of 25% less than that allocated for the project with no cut in program space.

The Cost.

Spending education tax dollars efficiently is evident in the actual building construction cost of \$304.00 per square foot instead of the current trend in the area upward of \$335.00. Cost strategies offset with aesthetic sensibility resulted in over 10% savings (with no program cuts required).

## Sustainable Design Intent and Innovation:

The school is intended to be an energy-efficient, high-performance school. The goals set forth by the School District seemed challenging if not impossible: in summary, the School District set out to build its first facility that would utilize under half the energy of their typical middle school, increase the academic performance of the students, improve indoor air quality, safety, and comfort and set an example of environmental sensitivity; all of this with a construction cost that would not exceed that of a similar-size traditional school.

Natural light is the building's primary source of lighting, which directly benefits daylighting techniques such as light shelves at all standard classrooms, skylights in athletic spaces and cafeteria and floor to floor windows in the media center, team rooms and main corridor. The

building responds ideally to the sun's path, oriented 20 degrees east of south to minimize heat gain. There is no boiler, chiller or cooling tower. The ground source heat pump system provides extraordinary benefits in heating and cooling the entire facility. 100% of reclaimed water for site irrigation and directing excess stormwater to the site's adjacent wetland provides responsible reuse of water. Indoor air quality measures include operable windows in all perimeter classrooms, media center library and administration areas. These features are estimated to equate to 60% less energy than a traditional District Middle School.

#### **Documentation of specific material choices:**

Exposed Concrete Masonry Units (CMU) structure was selected as a prominent building material to provide permanence, efficient construction strategies, virtually no maintenance, excellent structural properties, aesthetic integrity, compliance anti-terrorism, and protection against rot and mold. The greater the resilience, the lower the maintenance and reduced use of virgin materials. Also, CMU's thermal mass and its ability to store heat and help hold conditioned spaces' temperature can reduce energy bills and improve thermal comfort in the building.

Single-ply roofing is utilized as a positive impact on the environment. The longevity of single-ply roofing reduces waste as it is recycled during the manufacturing process and recycled once it has reached its life's use. Removing these materials from the waste stream significantly reduces the burden on landfills and waste processing efforts. In addition to its recyclability factors, it reduces the urban heat island effect (UHI) and has a long service life. Compared to other roofing materials, less energy is needed to produce the material and process it into the end product.

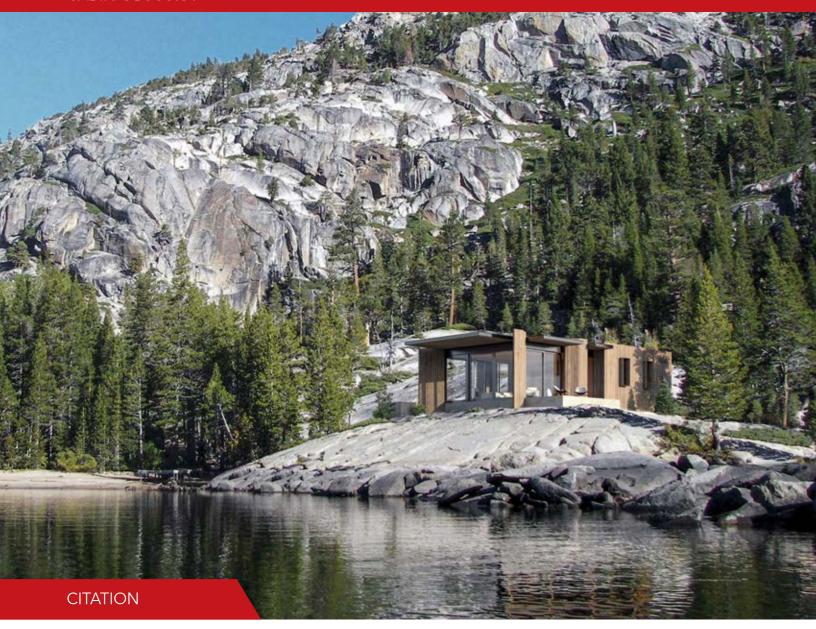
Non-toxic, low VOC carpet tiles are utilized in the classrooms with a low VOC, water-based, pressure-sensitive acrylic adhesive. In other school areas, polished concrete is used to reduce maintenance and use of toxic cleaning chemicals. Low VOC's are good for both the environment and living organisms.

The monitoring of lead content in all paints and finishes was taken very seriously. All materials, including all paint colors and metal panel coating colors underwent strict chemical lab testing with a local chemist to ensure that advertised Zero-lead content literature was validated before design team approvals during the construction process.

All plant material specified and installed meet or exceed the County's drought-tolerant species requirement, which significantly reduces water demand.

The glass specified is a Low-E coated glass with a U-Factor of 0.28 maximum and a Solar Heat Gain Coefficient of 0.27 max. Exterior light shelves made of translucent polycarbonate material are incorporated to extend light further into the classrooms, reducing each room's electrical demand. In addition, an operable window is included in all teaching spaces located on the perimeter of the building.  $\textcircled{\bullet}$ 

#### **CABIN OBSCURA**



fter being referred by a friend and former client, Magnin Architecture was tasked to design a small cabin/retreat for a single commercial airline pilot based in Seattle, Washington. The goal was to downsize from an existing suburban single-family home to simplify and reduce clutter in a new full-time residence in a rural setting.

There were three potential sites for the project where proximity to a local airport was key: The San Juan Islands in Washington, rural Idaho near McCall where the client and his family owned property, or the Sierra Nevada Mountains near Lake Tahoe, specifically a granite outcropping at the headwaters of the Yuba River. The home was designed as a prototype or a case study that could be tailored to any of the three environments.

The final design was just over 1,000 square feet, which included a master bedroom, a small bunk room/sleeping room for guests, a shared

bath, a laundry/mudroom and plenty of storage inside and out. The ample living, dining and kitchen space is intended to be at one with nature with floor-to-ceiling glazing to the exterior, deep-set windows under overhangs for protection from the elements and passive solar optimization with walls chamfered to create a similar effect. The terraces and large sliding glass doors allow for extended exterior living space in the warm summer months, yielding a home that seamlessly ties into the natural environment as a place of calm and retreat. 3

**ARCHITECT:** Magnin Architecture

CONTRACTOR: T.B.D.

LOCATION: T.B.D.







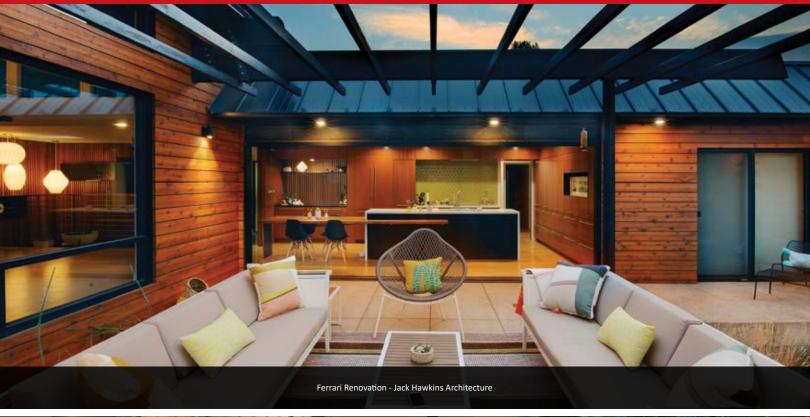


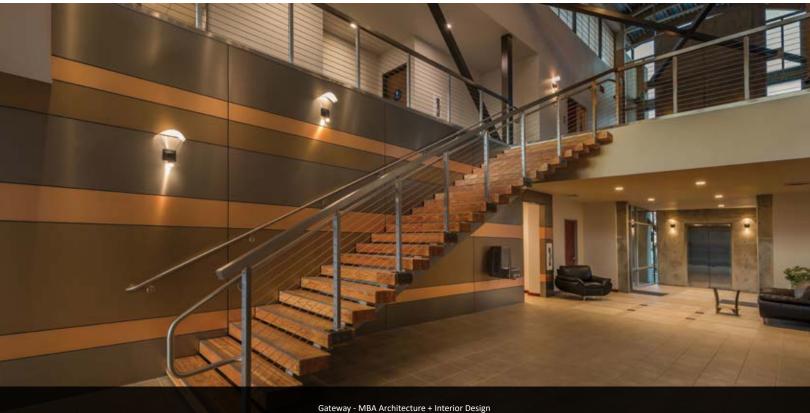
Hyytinen Engineering is celebrating over 36 years of structural engineering services across the state of Nevada and Northern California.

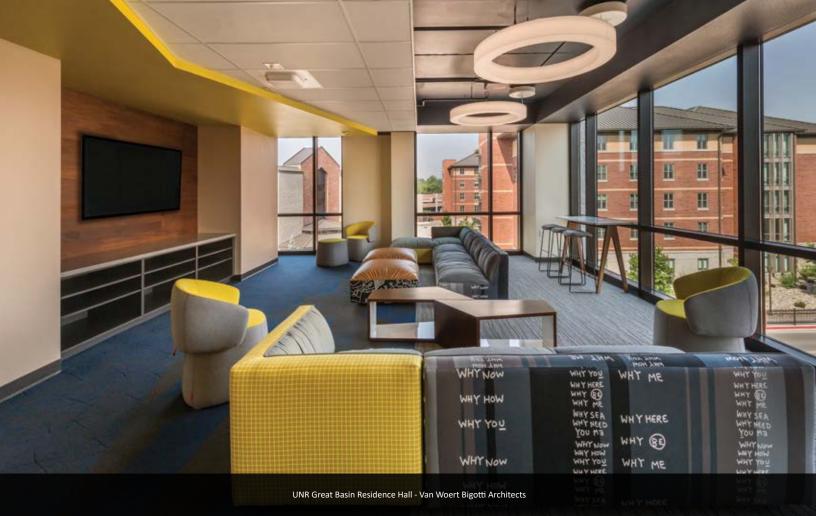
From New Construction to Renovation and Restoration

5458 Longley Lane, Suite B Reno, NV 89511 P: 775-826-3019 rhyytinenengineering.com www.hyytinenengineering.com

# Thank you To All Who Submitted

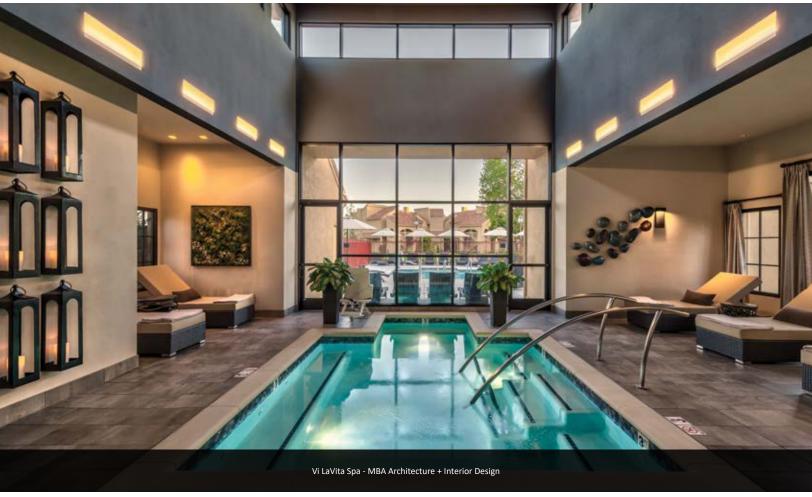














## NORTHERN NEVADA ARCHITECTURE .20

## AIA and Associate AIA Member Directory

Richard E. Baker, AIA

Christopher Barnes, Assoc. AIA chrisbarnes520@yahoo.com

Ken Bartlett, AIA kbartlett@devcon-const.com

**Seth Sheppard Bartlett, AIA** sethsbartlett@gmail.com

Derwin H. Bass, AIA mbaateam@sbcglobal.net

Adiranna L. Benjamin, Assoc. AIA adriannabenjamin@gmail.com

Darrin M. Berger, AIA darrin@bharchitects.biz

Angela S. Bigotti, AIA abc@vwbarchitects.com

Joan Blumenfeld, FAIA joan.blumenfeld@perkinswill.com

James P. Borelli, AIA jpborelli@aol.com

James M. Brady, AIA jmichael\_brady@att.net

Richard E. Byfield, AIA richardebyfield@gmail.com

Bradley D. Carlson, AIA bradley.d.carlson@gmail.com

Paul A. Cavin, AIA

paul@paulcavindesign.com

Casey M. Clark, AIA casey@mbarenonv.com

Donald J. Clark, AIA dclark@cathexes.com

Wan Cone, AIA wan@mbarenonv.com

John P. Copoulos, AIA info@jpcarchitect.com

Marshall R. Cowan, AIA mcowan@tska.com

Dale W. Cox, AIA

dcox@dalecoxarchitects.com

Scott Davis, Assoc. AIA sdavis@formgrey.com

Audrey L. De La Cruz, AIA audrey@cwxarchitects.com

Mercedes de la Garza, AIA mercedes@delagarzastudio.com

Jeffrey Quay Denton, AIA jeffrey\_denton@att.net

Peter R. Dube, AIA pete@thedubegroup.com

Ralph E. Eissmann, AIA eissmannpence@gmail.com

**Gregory L. Erny, FAIA** ernygregory@gmail.com

Danielle M. Fabri, AIA danielle@vwbarchitects.com

Robert A. Fabri, AIA info@adgreno.com

Rachel Farrell, Intl. Assoc. AIA rachfarr7@gmail.com

Elise Fett, AIA Elise@EliseFett.com

Arlee Fisher, AIA arlee@arleefisher.com

Erik Fong, AIA erik@mbarenonv.com

Johnny Fong, AIA firehousedesigns@aol.com

Jeffery L. Frame, AIA jframe@framearchitecture.com

Shannon w. Furguson, Assoc. AIA shannon@mbarenonv.com

Brian Godard, Assoc. AIA godard97@gmail.com

Frederick M. Graham, AIA fmgraham79@gmail.com

Peter W. Grove, AIA peterg@collaborativedesignstudio.com

David Gurak, Assoc. AIA david.gurak1@gmail.com

Charlotte B. Hagin, Assoc. AIA charliebyrd@mac.com

William E. Hancock, AIA weh1200@aol.com

Jack L. Hawkins, AIA jack@hawkinsarchitecture.com

Steven Paul Heinen, Assoc. AIA steven.p.heinen@gmail.com

Baron Hershberger, AIA baronhershberger@gmail.com

M. M. Hershenow Jr., AIA max@hkarchitects.com

Mandy Holback, PE mandy@gabbartandwoods.com

Robert C. Hooft, AIA bob@hooftarchitecture.com

James O. Hubbard, AIA jhubbaia@charter.net

Nathaniel Hudson, AIA nhudson@formgrey.com

William R. Iveson, Assoc. AIA wriverson@outlook.com

Don C. Jeppson, AIA vividus1967@gmail.com

Mark E. Johnson, AIA mark@hkarchitects.com

Kevin E. Kemner, Assoc. AIA kkemner@tska.com

Peter Kirby, AIA ybrikp@sbcglobal.net

Jeffrey M. Klippenstein, AIA jeff@hkarchitects.com

Richard S. Knapp, AIA

Robert C. Krone, AIA bob@kronearc.com

Todd B. Lankenau, AIA toddl@collaborativedesignstudio.com

Caleb J. Lesselles, AIA caleb.lesselles@hotmail.com

lan C. MacFarlane, AIA arcformgroup@att.net

Donald R. Mackey, AIA don@dmackey.com

**Gordon S. Magnin, AIA** gordon@magninarchitecture.com

Alexander M. Malm, Assoc. AIA alex@thedubegroup.com

Joseph R. Marandola, AIA joseph@mbarenonv.com

John C. Matetich, AIA jcmatetich@aol.com

**Kevin L. Merkling, AIA** kevinm@collaborativedesignstudio.com

Kira A. McKenzie, Assoc. AIA kiram138@gmail.com

James S. Mickey, AIA jmickey@arcadesma.com

Steven L. Miles, AIA steve@renoarchitect.com

James Molder, AIA gadaski21@gmail.com

Daniela C. Moral, Assoc. AIA danimoral262@gmail.com

Martin L. Murray Jr., AIA lee@hkarchitects.com

Maurice J. Nespor, AIA

Gordon W. Northan, AIA, LEED AP gwnorthan738@gmail.com

Phillip S. O'Keefe, AIA phil@hkarchitects.com

Jeremy A. Packer, AIA jpacker@cathexes.com

James P. Pusich, AIA ppusich@tska.com

Kay Radzik, AIA kradzik@formgrey.com



J. R. Romero, AIA jrrarch@msn.com

Matthew Y. Ronhaar, AIA matt.ronhaar@yahoo.com

Alejandra Salas, AIAS Student President alejandra\_salascuyub@mail.tmcc.edu

Joel Sherman, AIA jls@tahoearchitect.com

Eric L. Sikora, AIA eric@sikora-architecture.com

Byron L. Smith, AIA bsmith@lcarch.com

Dale E. Smith, AIA dale@smithdesigngroup.com

Irwin Joseph Sorkin, AIA ijsorkin1@charter.net

**Timothy J. Stafford, AIA** tstafford@stafforddesigngroup.com

**Timothy M. Sweeney, AIA** tim.sweeney@mgosystems.com

Michael J. Thomson, AIA michael.thomson.84@gmail.com

David A. Tirman, AIA dtirman@jmaventuresllc.com

Clifford G. Turner, AIA cgalet@sbcglobal.net

Kenneth B. Van Woert, AIA bvw@vwbarchitects.com

**David M. Walker, AIA**Dave@dwalkerarchitect.com

Paul D. Walsh, AIA arcplus@nvbell.net

Maggie Will, Assoc. AIA MWill@tsk.com

Carlin Williams, AIA carlin@cwxarchitects.com

Frank Woodliff III, AIA designer@phonewave.net

Charlene C. Ying, AIA charlene.ying@post.harvard.edu

**Dennis Eugene Zirbel, AIA** dennis@zirbelarchitect.com

## Allied Professionals

#### Michelle Foy Michelle Foy Interiors michellefoy.interiors@gmail.com (775) 225-1044

#### Gretchen Graybar Reno Business Interiors gretchen@renobusinessinteriors. com

#### Roger Hyytinen Hyytinen Engineering rhyytinen@hyytinenengineering. com (775) 826-3019

#### Lonnie Johnson JUB ljohnson@jub.com (775) 852-1440

Kreg Mebust, ASLA kmebust@tmcc.edu (775) 378-1111

Brett McElhaney McElhaney Structural Engineers LLC brett@mcelhaneystructural.com

#### **Dean Stanphill**

NOVA Geotechnical & Inspection Services dean.stanphill@nevageotech.com (775) 856-556

#### Jaime Villarino-Eilenberger, LEED AP O+M, WELL AP, GGP, Fitwel Ambassador, GPRO, PMP

Sustainability Committee Chair Leading Edge Consulting Services, LLC jaime@leconsultants.net (949) 933-7996

Marie Wikoff Wikoff Design Studio LLC amwikoff1@gmail.com (775) 232-6556

Seyed 'Mamoud" Zadeh KEG

mzadeh@kordtech.com (775) 398-3048

## **Allied Members**

## Agate Inc. Louis Primak lou.primak@agateinc.com (720) 626-5571

# American Insurance & Investment Corp. Jim Knight jim.knight@american-ins.com (877) 806-5317

#### Basalite Concrete Products, LLC Jeremy Anthony jeremy.anthony@basalite.com Paul Vanderbyl paul.vanderbyl@basalite.com

Clark/Sullivan Construction Clare Christensen clare@clarksullivan.com (775) 355-8500

(775) 358-1200

## CORE Construction Services of Nevada

Travis Coombs traviscoombs@coreconstruction. com (775) 525-5757

#### **Dianda Construction**

Scott Higgins shiggins@diandaconstruction.com (775) 398-0123

EM Strategies Nichole Chavez nichole@emstrats.com (775) 826-8822

#### Henriksen Butler

Ian Anderson ian@henriksenbutler.com (775) 323-3023

## Kahl Commercial Interiors Inc. Dan Kahl

dan@kahlnv.com (775) 284-3600

#### Nevada Blue Judy Brooks judy@nublue.com (775) 827-4441

## **Q&D Construction, Inc.**Tobin Basta tbasta@qdconstruction.com (775) 786-2677

#### Silver State Masonry Jim Miller jim@cdsincnv.com (775) 433-8915

#### SI Legacy Flooring Jim Farley flooring@silegacy.com (775) 741-4273

#### Western Colloid Hal Leland hleland@westerncolloid.com (510) 755-5203



## Reach your customers with print.

To advertise in this magazine, contact us today.



**727.475.9827** | 855.747.4003 4049 South Highland Dr. Holladay, UT 84124

kris@thenewslinkgroup.com



We've changed our name! But not our firm's strong commitment to collaboration and client service. Dianda Construction is now **Plenium Builders**.















(775) 398-0123 pleniumbuilders.com







AIA Northern Nevada 3495 Lakeside Dr., PMB 15 Reno, NV 89509

This magazine is designed and published by The newsLINK Group, LLC | 855.746.4403

# Calendar of Events 2021 All Events Are Assumed Going Forward Yet Pending

## January 2021

Scholarship Applications Available

## February 2021

Damonte Ranch High School Career Fair

Grassroots - Virtual (from Washington D.C.)

Visioning Session

## April 2021

Architecture Week

Scholarship Applications Due

AIA/NSBAIDRD Seminar-Reno

## May 2021

CANstruction (16th Annual) Judging and Gala

#### June 2021

Night at the Aces

AIA National Conference

## July 2021

Scholarships Announced

## August 2021

Denny Askew Memorial Golf Tournament (31st Annual)

AIA Northern Nevada Design Awards Applications Due

### September 2021

Carson City School District Career Expo

Annual Publication Ads Deadline

#### October 2021

Western Mountain Region Conference

#### November 2021

Washoe County School District Career Expo

#### December 2021

AIA/NSBAIDRD Seminar-Las Vegas

AIA Nevada Design Awards Announced

First Thursdays Board Meetings (July excluded)

Third ThursdaysYODENG (Young Designers and Engineers) Mixers

Throughout the Year Luncheon Meetings with CEU Programs

Black Rock Design Lectures