2020

SUSTAINABLE DESIGN

HMC Architects

HMC ARCHITECTS PURPOSE IS TO **PARTNER** WITH OUR CLIENTS AND COMMUNITIES TO **SERVE** THE GREATER GOOD. WE DO THIS THROUGH PASSIONATE AND EMPOWERED TEAMS ENGAGED IN A CREATIVE PROCESS RESULTING IN IMPACTFUL **DESIGN** SOLUTIONS THAT **ENRICH** PEOPLE'S LIVES.

100%
Employee Owned

Visionary People. Iconic Design.

We design for the human experience with an inherent desire to make a difference in our communities. We stand for tomorrow by designing buildings that positively impact the environment and benefit society while also promoting human health and quality of life.

Designing the spaces people use every day is deeply rewarding. We strive to connect with our clients to better understand their architectural needs, providing them with sound, functional spaces that draw people into an environment where engaging with others comes naturally. At HMC, we've built our reputation on successful client collaboration and designing for the human experience. By speaking with and listening to our clients' goals, we gather insights that spark creative solutions and new ideas. We not only design architecture that's in tune with what a community wants and needs, we do it with their input. We're ready to provide innovative design and outstanding service to your organization. Let us combine our passion with your vision to create a building that is regenerative in design and that suits the needs of your practice for years to come. To get started, contact us. We can discuss the challenges you face and the new spaces you want to create. Discover our projects and learn more about what we do.

WE DESIGN SPACES THAT ENDURE

Our clients want architecture that is built with the future in mind. To meet their needs, we've designed a variety of spaces that are built using the latest sustainable technologies and that are designed with purpose and intent. WIth over 60 LEED certified professionals in our roster, our design teams operate with sustainability as a focus. We listen to our client's future goals and use this as the guilding principal for our designs to ensure our recommendations are attainable and solution-oriented. Through creative, regenerative architectural solutions, we help our clients address challenges and meet their future needs.

Design doesn't live in a vacuum—it requires collaboration. We listen—because your insights craft the design. It's your input that makes your space right for you, so we stick to your master plan and design according to your goals. It's this collaboration that allows us to create amazing spaces that leads to delighted clients and thriving communities. At HMC, we believe that the most successful firms will find new ways to meet their clients need for faster delivery of design services. **To learn more about our immersive design process, contact HMC Architects today. Our design experts are available to answer any questions you might have.**

80
Years of Design Excellence

343
Design Professionals

#12
Architecture Firms

BD+C GIANTS 300 REPORT 2019

Services

Architecture
Environmental Graphics
Interiors
Master Planning
Education Planning
Programming
Regenerative Design
Sustainable Strategy
Visualization

88

LEED Projects

10

LEED Platinum

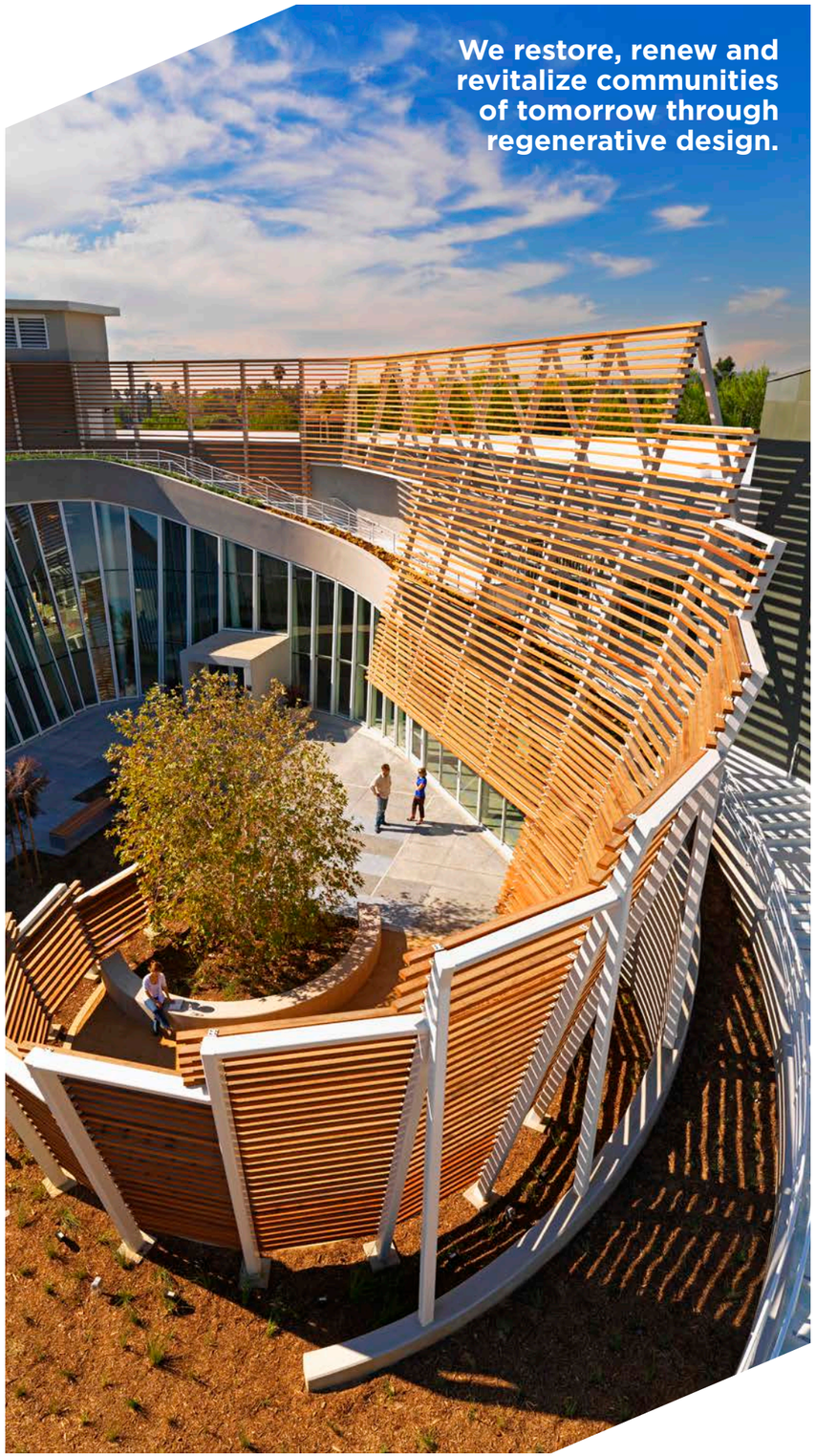
70

LEED Accredited Professionals

BD+C GIANTS 300 REPORT 2019

#17

Green Building Design Firm



A Culture of Regenerative Design

HMC believes that buildings should positively impact the environment and benefit society while also promoting human health and quality of life.

Achieving this goal requires a new set of skills, tools, and beliefs. It requires a transformation in how we think about buildings, how we design them, and how we ultimately use them. Regenerative strategies in architecture challenge us to design buildings that are not just sustainable, but also aim to restore, renew, and revitalize the environment. We know that we can do more than sustain a future—we can build one that flourishes.

Achieving a building design that reaches beyond sustainability requires collaboration from the start. When you partner with HMC Architects, we'll design a strategy based on where your facility is on the green spectrum and where you want it to be—whether that is achieving an outstanding LEED rating, securing ZNE, or transcending sustainability and reaching for regenerative design. We'll collaborate closely with you every step of the way and listen to the insights offered by the people who use your building every day. By working together to design with an emphasis on energy conservation, water resilience, and carbon footprint reduction, we help you meet your sustainable architecture objectives in cost-effective ways.

We collaborate with our clients from day one of a project. We lead workshops for clients and their consultants on biophilic design, regenerative strategies, and all of the ways in which we design for the human experience from cradle to grave. We review biophilic design strategies and how they can help meet specific client goals. For example, when a school district wants to increase learning opportunities and productivity, we explain how access to and views of the outdoors can motivate students to feel their best and do their best work.

To make impactful contributions that transcend our roles as architects, we take an open approach to design, combining economic, environmental, and regulatory insights to get a high-level view of society's needs. We also look to the younger members within our firm and in the communities we serve for guidance, as they are especially aware of and driven to help solve deep social and environmental problems. HMC employees are all given space in which to pursue their ethical and professional goals, because when you hire people who share your vision, they get to do what they love while supporting your organization's goals.

While sustainable design attempts to meet the needs of the present without compromising the needs of future generations, regenerative principles seek to replenish and restore natural resources.

Collaboration is in our DNA.

Design at HMC is: born from a big idea, guided by clarity, measured by context, and inspires those it serves.

At HMC Architects, we're breaking down the walls between our clients and design teams by including them in an immersive process that not only cuts weeks and months off project schedules, but also creates an undeniable synergy where they are designing their projects with us.

We cannot design for the human experience if we cannot be human. To serve every human individually and entirely, we need people that reflect the diversity of our communities. By leveraging that diversity, we create the conditions for an engaged, agile, and resilient workplace. The result is bigger ideas, bolder designs, and a better world. How can we create a truly collaborative experience that accelerates project schedules and engages clients, user groups, and the community in a way that they become active participants in our design process?

We strongly believe in collaborating with our clients and stakeholders from the start, because doing so not only provides the best solutions to their problems, but also produces opportunities previously unrecognized. To that end, our approach includes an intensive, multi-day design process where both the owner and user groups can see the project develop in real-time, right before their eyes.

HMC's design process requires commitment and coordination from our clients in order for us to meet and collaborate with several stakeholders in a condensed time-frame. It requires both parties to be "all in" and focused on the project the entire time. But the effort offers a unique collaborative experience that not only saves time and cost, but also creates an invaluable bonding experience among the team.

OUR RESOLUTIONS:

Lead By Example
We will be champions for the environment every day, in how we work and how we design.

Know Where We Stand
We will collect energy, water, and waste data so that we can see how we are doing, and how we can improve.

100% Net Zero
Every project will be net zero energy ready.

Water Resilient
All projects will reduce irrigation and building water use by at least 35%.

Zero Waste
All projects will divert at least 65% of construction waste from landfills.

Healthy Building Materials
All projects will use materials that positively impact human health, the climate, the environment, and society.

Validate Our Work
All projects 50,000-square-feet and above will implement a green building rating system.

Taking Action Against Climate Change

With global warming and the continuing rise of greenhouse gases, HMC is taking on a responsibility to work internally, as well as with its clients and partners, to provide substantial relief to the crisis through the firm's design work.

FRAMEWORK AND INITIATIVES
Published in time for Earth Day 2020, the framework of the plan is based on three distinct initiatives. The first looks at HMC's personal operations within the firm and ways to reduce its impact on the environment. The second is reducing its emissions through architecture. The third is about HMC's overall impact in alignment with greater initiatives at the state, national, and global level. With this approach, HMC's Climate Action Plan will serve as a regenerative roadmap focused on high performance operations and architecture, collectively leading to a carbon neutral future.

CLIMATE RESOLUTIONS
Within it's framework of initiatives, the plan focuses on seven resolutions for change, which incorporate goals for our projects, as well as our business operations.

LEAD BY EXAMPLE
The first resolution relies on all HMC employees to be champions for the environment not just in our designs, but in how we work. This includes awareness of practices in our office environments.

KNOW WHERE WE STAND
In order to keep record of our successes and improvement needs, HMC will keep a catalog of our energy, water, and waste data.

WATER RESILIENT
To meet our water sustainability and resiliency goals in our designs, HMC will reduce irrigation and building water usage by at least 35% in all projects.

ZERO WASTE
As part of our waste-reducing resolution, all projects will divert at least 65% of construction waste from landfills.

HEALTHY BUILDING MATERIALS
To ensure positive contributions in the communities we work, all projects will use building materials that positively impact human health, the climate, the environment, and society.

VALIDATE OUR WORK
Overall, to validate our efforts and ensure successful plan application, all projects 50,000 square-feet and above will implement a green building rating system.

Using a myriad of environmentally responsible tactics, HMC's Climate Action Plan—which has been in the making the last two years—is a strategic framework that highlights ways to measure, plan, and reduce the firm's carbon footprint with the overarching goal of zero carbon architecture.

DESIGNING FOR A BETTER FUTURE

SUSTAINABLE AND
REGENERATIVE DESIGN

Picture of Health

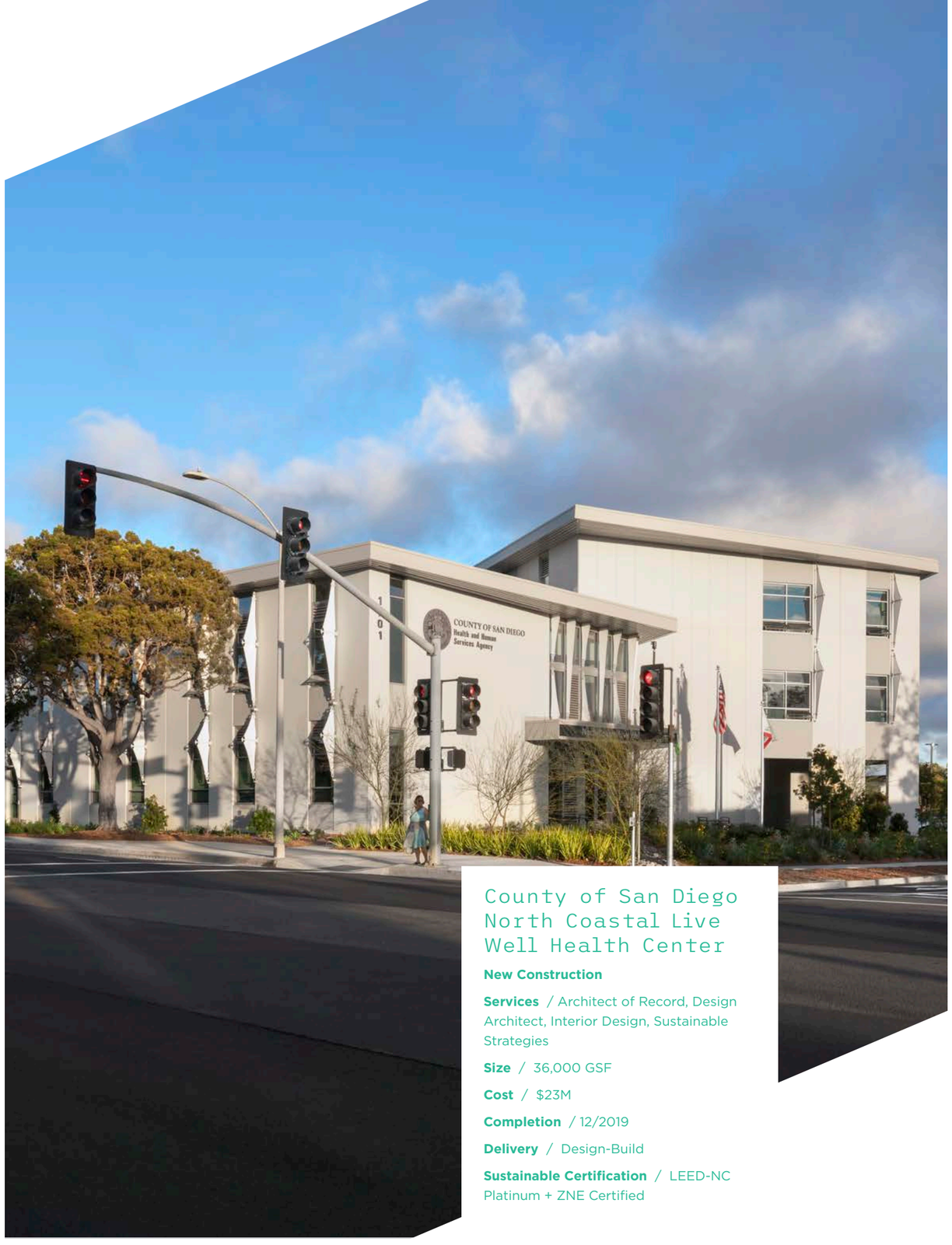
When a client's purpose is to promote wellness, self-sufficiency, and a better quality of life to families, it's only natural that their built environment be healthy—responsible in energy consumption and harmonious with natural surroundings.

Located in Oceanside, California, the new County of San Diego North Coastal Live Well Health Center is a Zero Net Energy (ZNE) facility inspired by the local natural resources it's designed to protect.

Powered entirely by the sun and using no fossil fuels, the building facilitates improved workplace health, productivity, and well-being by inviting sunlight and natural ventilation, and by utilizing thoughtful hardscaping and landscaping features. The interior tells a coastal story using natural warm wood tones resembling driftwood and vibrant wall colors and flooring to represent local flora. Vertical Teflon-coated fiberglass shade sails protect the naturally ventilated lobby and glass from solar heat gain, while operable windows throughout the building summon ocean breezes. The landscape design consists of three main elements: Native plant material that has the feel of the nearby coastal bluff landscapes; a subsurface drip irrigation to encourage water conservation; and several low rock arroyos to retain and safely direct site water into a series of on-site detention basins.

A shining example of high-performance architecture, the three-story facility houses Aging and Independence Services, a Military and Veterans Resource Center, Community Health Promotions, Regional Administration, Public Health Services, and Behavioral Health Services. The facility, which has already achieved LEED Platinum Certification, is the only ZNE project listed in California that is a County-owned medical office.

LEED-NC Platinum certified project



County of San Diego North Coastal Live Well Health Center

New Construction

Services / Architect of Record, Design Architect, Interior Design, Sustainable Strategies

Size / 36,000 GSF

Cost / $23M

Completion / 12/2019

Delivery / Design-Build

Sustainable Certification / LEED-NC Platinum + ZNE Certified

High Performance Healthcare

With an overall goal of carbon neutrality by the end of 2020, Skyport Medical Office puts Kaiser one step closer to achieving net zero emissions.

As institutions that support the well-being and sustained health of the public, healthcare facilities have the responsibility to be stewards of the environment. With this in mind, the Skyport Medical Office Building was originally designed with the intent to reach LEED Gold certification; however, through the use of combined sustainable elements and strategies, the design surpassed this goal to achieve Platinum status.

Skyport's sustainable building features include dynamic tinting glazing, renewable energy, controllable thermal and lighting systems, cool roof, and heat island preventive paving. Drought tolerant and water-wise landscaping were used throughout, allowing a 50 percent reduction in potable water use. Regional, low VOC, and "cradle to cradle" materials were used to provide safe and healthy air quality and to create waste free systems on site.

By employing a combination of active and passive strategies, Kaiser Permanente Skyport is 72 percent more energy efficient, reduces CO2 emissions by 47 percent, and achieves 40 percent water efficiency. These sustainable features, combined with high-tech and user-friendly design, make the site a shining example of a healthcare facility adapted to the new age of sustainable, high-performing development.

LEED-NC Platinum certified project

Kaiser Permanente Skyport Medical Office

New Construction

Services: Full Architectural Services, Interior Design, Medical Planning

Size: 153,000 GSF

Cost: $89.5M

Completion: 05/2018

Delivery: Integrated Project Delivery

Sustainable Certification: LEED-NC Platinum

A Demonstration in Sustainability

As an educational model for sustainability, it's no surprise that this LEED Platinum design is also one of the most sustainable facilities in California.

Located in Rancho Cucamonga, California, the Frontier Project's goal is to make residential consumers, commercial builders, and sustainable advocates aware of alternative building methods to encourage sustainability. With that in mind, the end goal was to create a structure that was visually stunning, but would also serve as a true learning experience.

Going beyond the norm of sustainable buildings as merely machines of green technologies, the Frontier Project combines architectural and ecological design principles as equal forces in the formation of the building. From rain filtering to sustainable roofing strategies, visitors are constantly exposed to green technologies and design features, including material reuse and upcycling, an on-site stormwater cistern, low-emissivity windows, LED lighting, green roof, and Photovoltaic energy production. These features translate to reduced energy usage and an overall annual Carbon offset of 88,873 CO2 lb/year, which is equivalent to 740 tanker trucks of CO2.

Housing exhibition space, office space, and a large conference center, the design takes into consideration the forces of nature and harmonizes them with architectural expressions such as spatial experience, program, demonstration circulation, indoor and outdoor connection, and the urban contextual relationship with the rest of the buildings on the campus. Merging beautiful design with sustainable function, the Frontier Project showcases Southern California's best practices for energy and water conservation, serving as a learning resource for the entire community.

LEED-NC Platinum certified project

Cucamonga Valley Water District Frontier Project

Services/ Full Architectural Services, Sustainable Strategies, Fundraising

Size/ 14,200 GSF

Cost/ $16.2M

Completion/ 2009

Delivery/ Design-Bid-Build

Sustainable Certification/ LEED Platinum

Excellence in Energy and Sustainability

Recognized by the Board of Governors of the California Community Colleges for its sustainable design initiatives, the plan is already in implementation and moving the campus towards a carbon-neutral future.

With college and university campuses accounting for nearly 2% of total annual U.S. GHG emissions, the leadership of Mt. San Antonio College (SAC) in Walnut, California, sought to develop a Climate Action Plan (CAP)--a detailed and strategic framework for measuring, planning, and reducing greenhouse gas emissions and related climatic impacts.

In 2018, HMC was enlisted by Mt. SAC to oversee the efforts for the College's CAP, which was developed alongside students, staff, and faculty through a series of workshops and an eco-charrette. After analyzing present energy and environmental data, the program sets future standards and recommendations for moving the campus towards carbon neutrality by 2050.

Recognized for its strategic actions and achievable goals, the CAP was honored with the Board of Governors of the California Community Colleges Excellence in Energy and Sustainability Award for Faculty and Student Initiatives. The category recognizes faculty and staff who have excelled in developing sustainability initiatives for their schools.

A document meant to serve as guide for the school's sustainability goals and future developments, the plan is already having a translational impact that goes beyond policy. HMC is using its recommendations for energy, water, and waste in its design of the new Mt. SAC Athletics Complex.

Mount San Antonio College Climate Action Plan

Services/ Sustainable Strategies and Planning

Size/ 1,622,769 GSF

Cost/ $67,500

Completion/ 09/2019

Maximizing Campus Health and Wellness

With dual goals of LEED Gold and WELL Building certification, the Sacramento State WELL Recreation Center renovation sets the precedent for the future of campus sustainability and wellness.

Challenged with the task of implementing construction while maintaining daily operations, an unconventional planning strategy that includes off-hour construction sequencing is being utilized to minimize facility shutdown and avoid acoustic intrusion from construction processes. The design for new and renovated spaces alike seeks to redefine the meaning of inclusive environments as it relates to recreation spaces, focusing on strategies that address gender equity, universal design, and open access.

As a facility dedicated to the health and wellness of its users, this project endeavors to achieve a dual goal of LEED Gold and WELL Building certification, a reflection of the university's dedication to wellness through sustainable design strategies. The design team is working to achieve certification goals by using strategies to support occupant well-being, including, access to nourishing foods, biophillic design features, healthy building materials, a fitness program, and overall 18% energy savings. These features go above and beyond conventional sustainability strategies by looking at how the overlapping ecosystems of the human body, the built environment, and the natural environment can work together to provide a holistic building design.

Sacramento State WELL Recreation Center Expansion and Renovation

Services/ Full Architectural Services, Sustainable Strategies

Size/ 29,000 GSF

Cost/ $32.0M

Completion/ 2021

Delivery/ Design-Build

Sustainable Certification/ LEED Gold + WELL Certified

Sacramento City Unified School District Floyd Farms Broccoli Headquarters

Services/ Full Architectural Services, Sustainable Strategies

Size/ 4,500 GSF

Cost/ $4.3M

Completion/ Under Construction

Delivery/ Design-Bid-Build

Sustainable Certification/ ZNE Certified (Anticipated)

Get more information about the project by scanning the QR code below:

Partnering for Community Improvement

A community-based partnership built around the tenets of health, wellness, and the environment, it was paramount that the built facility reflected these same values.

In partnership with Sacramento City Unified School District and The Food Literacy program, HMC is working to develop a community-focused garden and educational farm at Laetaata Floyd Elementary School for Sacramento students and families.

While here, students and community members can actively practice the farm-to-fork philosophy. Fruits and vegetables will be grown in the on-site gardens, washed and prepared in the shade of the outdoor learning classroom, and then brought into the Zero Net Energy (ZNE) kitchen to cook sustainable meals for healthy bodies and a healthy environment. The learning kitchen is anchored with a large demonstration cooking counter and is surrounded by domestic cooking stations for kids to gain a hands-on kitchen experience. The building itself also functions as a learning tool where the users can see the building's energy conscious features in action. This includes solar panels, rainwater collection, operable windows and ceiling fans, and a holistic heating and cooling system that will reduce energy waste.

The District has chosen Floyd Farms as their first project to pursue ZNE through the New Building Institute. With the help of Sacramento Municipal Utility District's Savings-By-Design program and the design team's sustainability expertise, the building is designed to produce as much energy as it uses and is free from all fossil fuels. Once completed, the project will undergo a 12-month study to measure its energy use and production to confirm its performance standards.

Meet Our Experts.

Lance Hosey, FAIA, LEED Fellow

As HMC's Chief Impact Officer and Design Principal, Hosey oversees key projects and leads strategies to improve the impact of HMC's work with a focus on sustainability, communications, research, and thought leadership, helping build the firm's national recognition as a leader in design, innovation, and delivery. Lance is a highly-regarded architect whose work explores all of the ways to improve the impact of design, which then improves the community it serves. An acclaimed author and public speaker, Hosey has written two books and hundreds of essays in design innovation. In 2015, he became one of only 30 people in the world to have been named a Fellow with both the American Institute of Architects (AIA) and the U.S. Green Building Council (USGBC).

Thought Leadership

As a solutions firm, HMC not only relies on research. We invest in it. We dive deep. By connecting intelligence and insight with creativity, we are able to advance innovation to better understand the needs of our clients and bring them the future of design. HMC Architects constantly looks to innovate and expand how we can provide exceptional solutions to our clients, here are some relevant ideas:

Smart Building Solutions: Integrating Environment-of-Things Technology into Architectural Design

Create Access to Nature Through Biophilic Architecture and Design Principles

Envisioning a Regenerative Environment

Firm Recognition

HMC consistently ranks as a top firm by many industry publications, here is a selection:

Architectural Record Top 300 Architecture Firms

Engineering-News Record (ENR) Top 100 Green Design Firms

Building Design + Construction's Giants 300 Report
- Top 15 Architecture Firms
- Top 20 Green Building Design Firms
- Top 100 Government Sector Architecture Firms
- Top 25 University Architecture Firms
- Top 10 K-12 School Sector Architecture Firms
- Top 15 Healthcare Architecture Firms

Zweig Group
Best Firms to Work For 2019

If you need new design or architectural renovations, contact HMC Architects:

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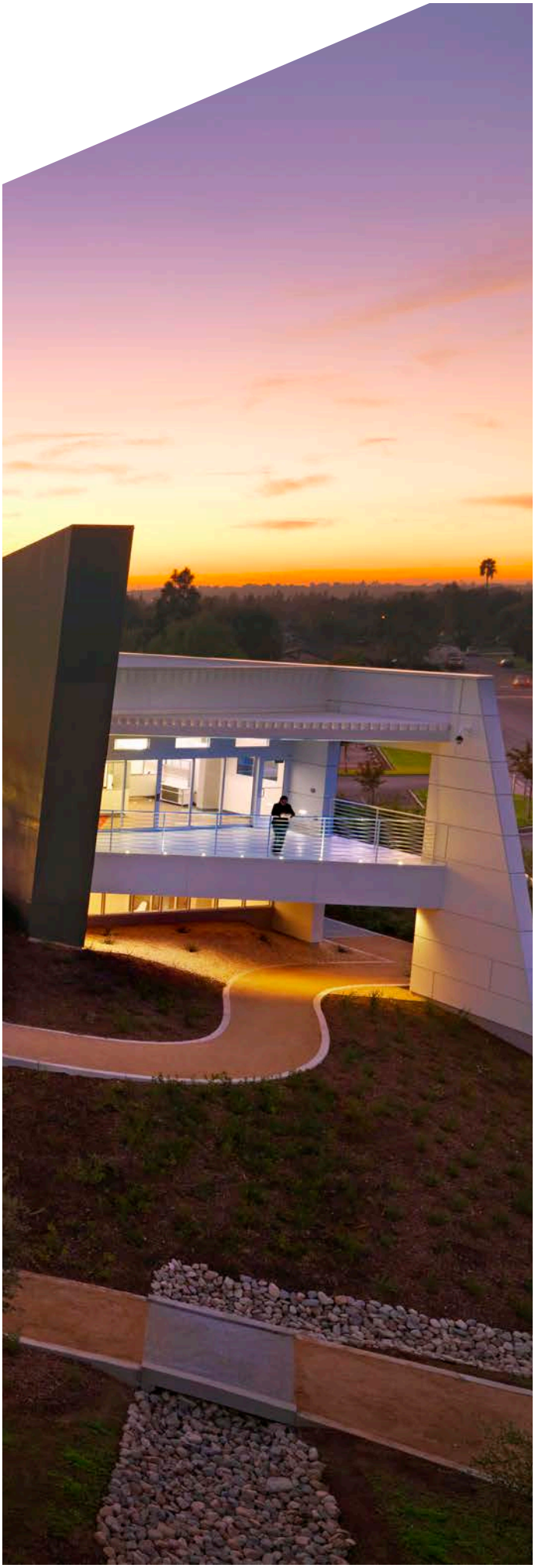
Chief Impact Officer
lance.hosey@hmcarchitects.com



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