

GEORGE & JUDY MARCUS HALL for the Liberal & Creative Arts

>PROJECT: Broadcast Facility >SIZE: 74,800 SF >BUDGET: \$57 Million >COMPLETION: April 2021 >TEAM ROLE: Project Manager / Arch

San Francisco State University's George and Judy Marcus Hall for the Liberal and Creative Arts or "Marcus Hall" is a stateof-the-art academic facility designed for innovative communication, collaboration, and engagement. The 75,000 square foot building is home to the Liberal & Creative Arts College's Broadcast and Electronic Communications Arts (BECA) department. Marcus Hall, on the San Francisco State University main campus, also houses the college's dean's office, related support services, and several interdisciplinary classrooms. Completed in early 2021, it is the first new academic building built on the SF State campus in 25 years.

Marcus Hall will prepare future generations to lead and evolve the media landscape. Designed as a flexible learning and production environment which can be adapted to changing technologies, the four-story facility asserts the presence of media arts at the University with emphasis on teaching electronic media capture, post-production editing and broadcast. The building includes two multi-story television studios, along with a TV newsroom; radio station; video post-production spaces; audio recording studio, production, and post-production spaces; and BECA classrooms. Located on a highly trafficked area of the campus, the building offers passersby views into its ground floor television news studio, inviting the outside in. The South end of Marcus Hall has great









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Audio Recording Studio Control Room | Audio Recording Studio & Isolation Room Beyond





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public visibility and presence at the intersection of Holloway Avenue and Font Boulevard and takes full advantage of the emerging development at the south edge of campus. In this proposed location, the project will help to serve as a new gateway into the SFSU campus. Marcus Hall balances both students' needs and the diverse needs of the college and the BECA department. It facilitates collaborative learning environments through use of interstitial spaces and places for students to work "alone together", providing for both social and quiet study.

The concrete-steel hybrid construction supports programmatic requirements, while carving out spaces for both large production studios as well as intimate labs. The castin-place concrete provides mass for the acoustical isolation of studio spaces as well as primary lateral resistance for the structural system. The material durability also aids against wear due to loading, production requirements, and high student traffic at the ground floor level. Glass lightens its sculptural form, inviting the campus in and creating a feeling of openness, while high-performance windows also support acoustics. The envelope consists of architectural cast-in-place concrete, insulated metal wall panels, and a low-energy aluminum curtainwall. These systems have been strategically shaped to efficiently mitigate the marine micro-climate specific to the Lake Merced/SFSU campus area. The cladding systems optimize use of daylight and natura ventilation to reduce energy consumption while creating comfortable and sustainable learning environments. This is achieved by a facade that creases and folds in response to solar orientation.

Images courtesy of Mark Cavagnero Associates







South Facade | View Towards Campus

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Central Community Hub | Aerial View - Rendering

WILLIE L. BROWN, JR. Middle School

>PROJECT: Design / Bridging Documents >SIZE: 87,500 SF >BUDGET: \$42 Million >COMPLETION: Fall 2015 >TEAM ROLE: Lead Design / Project Arch

The Willie L. Brown Jr. Middle School's vibrant new design stems from its comprehensive community process; collaborating with parents, administrators, educators and community leaders. Sited on the corner of Silver and Revere, the new state-of-the-art middle school terraces the steeply sloping site. Its two buildings wrap around a central "community hub," creating an inclusive campus environment, based upon the principals of restorative practices.

Located in the historically underserved Bayview neighborhood, the new Willie L. Brown Jr. Middle School seeks to serve its community in several ways; including public access to the school gymnasium, library and multi-purpose. The school's Wellness Center will offer dental, healthcare, fitness and counseling services to any SFUSD students in need. K2A incorporates the principals of sustainable design, using the California High Performance School (CHPS) metrics. Natural lighting is incorporated throughout; solar panels seek to produce 60% of the school's energy needs, and rainwater is harvested for the outdoor community and teaching gardens. SFUSD's first ever Design-Build project, the new \$42 Million Willie L. Brown Jr. Middle School was completed and open for classes Fall 2015.

Text /images courtesy of K2A Architecture +



Campus Plan







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Science + Gymnasium Building





Mission College Loop Rd. | View From Campus Entrance

MISSION COLLEGE, I.S. Building

>PROJECT: Campus Info. Systems Hub >SIZE: 4,000 SF >BUDGET: \$2.23 Million >PROJECT START: January 2010 **>COMPLETION:** October 2012 >TEAM ROLE: Lead Design / Project Arch

The Mission College Information Systems (IS) Building is the new central hub for this community college campus' vital data and telecommunications infrastructure. Delivered through an aggressive 22 month start-to-finish schedule (including DSA approval), the \$2.23 million, 4,000 SF single-story steel framed technology center is a critical gateway facility at the main campus entrance. Developed through the shared governance process, the building users helped shape the program into two overlapping forms that support the Information Systems Department's mission - The larger "window-less" metal box houses the primary campus IT infrastructure while the south-facing more porous plaster box contains offices, work room, and conference center.

Building amenities include a conference center, multiple staff offices, network testing facilities, and secure work areas for college owned equipment maintenance and repair. The data center and MPOE/MDF rooms are secured through multiple layers of access control. An adjacent site structure provides emergency generator power back-up and service vehicle parking for the department. Situated in the core of Silicon Valley, this placement highlights the Districts' commitment to providing its community with the forefront of technology.

Images courtesy of K2A Architecture + Interiors



Campus Data Center

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Aerial - Exterior Rendering

JAMES & VINCEE VISO Sports & Kinesiology Complex

>PROJECT: Wellness Center >SIZE: 13,700 SF >BUDGET: \$7.1 Million >PROJECT START: January 2013 >COMPLETION: July 2015 >TEAM ROLE: Lead Design / Project Arch

The new Mission College Sports & Kinesiology facility consolidates core physical education program functions. As part of the campus masterplan implementation, this project relocates and expands existing Dance, Fitness, and Weight Training classes previously spread throughout the main campus building that was demolished in 2017. The new WHP facility is sited immediately adjacent to the existing gymnasium and locker room buildlings and connected by a covered walkway to establish a "wellness

Working in a highly collaborative shared governance process, K2A worked closely with PE instructors, college administration, and the district facilities department to create a solution to the current academic needs with forethought to potential future adaptations. In addition to regular programming meetings, the team took field trips to existing facilities in the Bay Area to inspire the users and generate a discourse that helped shape the project.

The new facility is approximately 13,700 SF and includes four primary multiuse studio spaces: Dance Studio, Weight Training Room, Fitness Studio, and Specialized Equipment Lab (for Adaptive PE). The project also includes faculty offices, extensive storage space and a generous indoor lobby/corridor for student gathering between

classes. The Fitness Studio is an open multiuse space designed to accommodate yoga, aerobics, and martial arts classes. The high sloping ceilings (+15'AFF) include a winch system for raising and lowering heavy boxing bags. Similarly, the spacious Dance Studio allows both small and large classes and is expected to include everything from modern dance to classical ballroom instruction. The Weight Training Room includes ample space and building infrastructure to support free weights training, strength and resistance machines, and various cardio aerobic equipment. The Specialized Equipment Lab includes specialized equipment for persons with disabilities and supports the Adaptive PE program.

The building form is inspired by yoga poses as it folds and stretches, static yet dynamic, to accomodate the program within while engaging the future campus configuration. Similarly, the exterior envelope is pushed and pulled and peeled back to allow large areas of glazing while remaining sensitive to daylighting requirements. The district embrassed this transparency as a way to inspire the general student population to become a part of the "wellness community".

Revit was utilized in conjunction with 3DS Max Design to perform daylight simulations and create lighting analysis image overlays for each of the primary studio spaces. Utilizing BIM helped the project team expedite the schedule and quickly communicate design with the district and users throughout the process.

Images courtesy of K2A Architecture + Interiors

Site / Floor plan

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1600 WEBSTER Condominiums

>PROJECT: Multi-family Residential >SIZE: 80,800 SF, 48-Unit >BUDGET: Withheld >COMPLETION: 2005 >TEAM ROLE: Project Manager, CD / CA

Located in the heart of Japantown, at the corner of Webster & Post Streets this new residential mixed-use development sits on the site of the former Japantown Bowl. This 5-story market-rate luxury condominium project provides 48 one and two bedroom residences, built over a 69-car below-grade parking garage and street level retail.

The design draws from the neighborhood context of Japantown, making contemporary references to the rigor of traditional Japanese post-and-beam minimalism. Modern references to traditional architectural elements include curved stainless steel rooftop monuments and a layered facade. A taut, non-structural aluminum grid and ornamental keyhole mesh screen overlay cement plaster clad walls, adding depth and a play of light and shadow to the exterior. The condominiums consist of 20 two-bedroom, two-bath units, ranging in size from 1,225 to 1,500 square feet, and 28 one-bedroom, one-bath units ranging in size from 700 to 990 square feet. The condominiums have gourmet kitchens, custom cabinetry and high-quality hardwood, carpet and stone flooring. Many of the units also have City views.

The project received the Gold Nugget Award for "Best Attached Housing, Mid-Rise" as well as the 2008 IPA Perforating Designs Grand Prize.

Text courtesy of IB+A / Anasazi Properties

High School Science Workshop "Pod" | Outdoor Gathering

ASPIRE LANGSTON HUGHES & PORT CITY Academies

>PROJECT: K-12 Campus, 1,017 Students >SIZE: 74,000 SF, 10.9 ACRES >BUDGET: \$15 Million **>COMPLETION:** December 2011 >TEAM ROLE: Lead Design / Project Arch

This new K-12 charter school campus includes both the K-5 Aspire Port City Academy and the Aspire Langston Hughes Academy 6-12 programs. The project repurposes a defunct 10.9 acre lumber yard into a collegiate preparation center, serving 1000+ students. Project development includes approximately 74,000 SF in five permanent modular classroom buildings surrounding a central quad space. The combined program includes a multipurpose room, gymnasium, 40 classrooms and 9 specialty rooms that include science labs, computer labs, libraries, and writing labs. Specific age-appropriate outdoor spaces are provided adjacent to classrooms and within visual control of faculty rooms - special consideration is given to the K-1 age group. Primary circulation routes and supervised access points are segregated based on school program. Separate vehicular drop-off queues for K-5 and 6-12 are an extension of this segregation and streamline morning and afternoon drop-off/pick-up on a major Stockton thoroughfare.

At the heart of the campus, the central quad is strategically located to separate upper and lower grade levels. This space operates both as a recreational area and an outdoor classroom featuring an outdoor teaching space that supports performances, creative interaction and teambuilding skills. Drought tolerant planting creates a sustainable landscaping solution for distinct student

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Aspire Stockt gathering pods throughout the campus. On the southern edge of campus, age-appropriate playgrounds offer safe and exciting spaces for the lower age groups. The campus houses four science laboratories for the upper grades, where students can enjoy an interactive learning space designed to accommodate a rigorous scientific academic curriculum. Science labs are equipped with motorized skylights that allow maximum daylighting for rooms that are otherwised lined with storage casework. At the perimeter, lab stations are furnished with gas hook-ups, sinks and solid surface countertops. Movable island desks allow for a variety of group and individual instructional configurations.

The school includes a dynamic gymnasium/ multi-purpose building, servicing lunch and athletic programming for the entire school community. The smaller multiuse space is desined to accomodate lunch and gathering for the K-5 program. The larger high-bay multiuse space serves as both high school cafeteria and campus gymnasium. A centrally located kitchen offers ease of access to both multiuse spaces in order to simplify building infrastructure. Folding tables and chairs allow for easy reconfiguration in minimal time - large tarps are employed to protect the athletic wood flooring. Folding bleachers complete the transformation and allow maximum flexibility.

In order to expedite schedule and open for the Fall 2010 classes, the project was delivered in multiple phases. Phase 1A & 1B was completed in late summer 2010 and included site development and all five classroom buildings. Phase 2 was completed December 2011 and included the central quad and multi-purpose/gymnasium building.

Images courtesy of K2A Architecture + Interiors

K-12 Multiuse / Gymnasium Building

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ASPIRE PHOENIX Academy

>PROJECT: 6-12 Campus >SIZE: 38,300 SF, 2.7 ACRES >BUDGET: \$5.8 Million **>COMPLETION:** August 2011 >TEAM ROLE: Lead Design / Project Arch

Aspire Public School's EPA Phoenix Academy, established in 2006, outgrew its current location at leased facilities in East Palo Alto. The entire school moved less than a mile to a new permanent facility, located at 1039 Garden Street, starting in the Fall 2011 academic year. The new campus allows for expansion of the academic program to include a middle school (grades 6-8) curriculum which increased the student population from 138 up to 420 students in grades 6-12.

The new Phoenix Academy was permitted through the Division of the State Architect (DSA), utilizing a pre-approved 2-Story PC modular construction system. To complete the project as expediently as possible, K2A utilized a 3-Phase permitting process: Phase 1 included site and underground utility infrastructure while Phase 2 included the modular classroom buildings. A future Phase 3 multi-purpose/gymnasium facility will serve the physical education curriculum, function as the school's cafeteria, and offer a gathering place for school events.

The 2.7 acre site design includes 18 classrooms, 2 science labs, faculty workspaces, administrative offices, and support spaces. The two-story modular design maximizes site efficiency while utilizing elevated walkways to connect the classroom building clusters.

Text /images courtesy of K2A Architecture +

Building Lobby | Campus Gateway

SF CITY COLLEGE, Wellness Center

>SIZE: 156,800 SF >BUDGET: \$71 Million **>COMPLETION:** January 2008 >TEAM ROLE: Senior Arch Shell / Core

City College's Wellness Center creates a first-ever front door for the campus on busy Ocean Avenue. Stepping up its hillside site, it welcomes thousands of students a day who arrive from the Balboa BART station, ushering them into the activity-filled building or up the grand lobby staircase and out onto the campus. The building's LEED®equivalent design fits 156,000 square feet of program space into a very small footprint. Generous windows show off the life of the building, integrating indoors and outdoors, and supporting the culture of health and wellness for the whole community. On the campus side of the building, a new amphitheater provides gathering space for meals, breaks, and outdoor meetings. The Wellness Center's role as a gateway is reinforced by its location between the student center and library. The Wellness Center houses physical education, martial arts, dance, conditioning, team sports, and City College's first aquatics center. It also fulfills a civic role by integrating cleanly into the urban fabric and providing a physical anchor for the corner of the campus and the east end of Ocean Avenue. The community is thrilled to have an affordable resource for healthy living housed in such a spectacular setting.

At night, the natatorium is a glowing beacon of life. Its large channel glass windows maximize day lighting, while offering street presence to Ocean Avenue in the evenings. Its Olympic Sized, 12-lane competition swimming pool holds several levels of swimming and water aerobics classes. This new

City College San Francisco | Wellness Center - Aerial View

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aquatics center is the first in City College's history. Another of the Wellness Center's innovative sustainable features is found behind the scenes in the natatorium where the air handling system used in the space is tied into the pool's water boiler. The system reclaims heat generated in the air dehumidifying process, and transfers that energy to the boiler, heating the pool's water.

At the epicenter of the new Wellness Center, is the large gymnasium designed to accommodate NCAA regulation basketball and Olympic judo events. The gym ceiling is high enough for college volleyball. This massive space is indirectly naturally lit during daytime hours by two continuous clerestories running the full length of the gymnasium. To support its fan base, the gym has accessible and retractable bleacher seating, as well as two partitions to divide the space for multiple uses and games at the same time. The floor striping supports competition Basketball, Volleyball, and Badminton.

Besides the prerequisites for Minimum IAQ Performance and Environmental Tobacco Smoke (ETS) Control, our design team worked diligently to specify low emitting carpeting and paints, monitor carbon dioxide levels, and provide permanent monitoring of thermal comfort levels. Special ventilation in the janitor support spaces isolates and removes any cleaner or chemicals from entering the occupied space. A healthy indoor environment is inspired by abundant natural lighting from both clerestory and floor-to-ceiling windows and clean indoor air. Window seats and benches built into serpentine walls offer places to read or study, as well as encouraging gathering between classes.

Text / Images courtesy of K2A Architecture + Interiors

NCAA Gymnasium (Go Rams!)

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