UC SAN FRANCISCO'S MISSION HALL DELIVERY EXCEEDS EXPECTATIONS
In the past 50 years, construction has changed—materials, technology, processes—but the most reliable raw materials on the job have not; a firm handshake, a realistic estimate and a genuine smile. We invite you to build with us—we don’t just build buildings, we build relationships.
16 DESIGN-BUILD EXCELS
UC San Francisco's new Mission Hall consolidated dozens of departments in a flexible, light-filled workplace within tight constraints.

5 RESTORING A CITY LANDMARK
City of Sacramento's historic Sacramento Valley Station is undergoing major restoration.

6 HIGH TECH MEDICAL EDUCATION
Teaching and Learning Center for Health Sciences is underway at UCLA.

7 BREAKING GROUND
UC Santa Barbara breaks ground on its newest research hub, the Bioengineering Building.

8 EFFICIENCY AT WORK
Kaiser Permanente's Redwood City Replacement Hospital is a model in efficiency.

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Our unique division handles fast-paced interior improvements to help companies keep pace with their expanding businesses.

16 SOCIAL(LY) COMPLEX
UCSF's Mission Hall brings together the academic, clinical and support personnel on the expanding Mission Bay medical campus.

20 BUILT FOR COMMUNITY
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Rudolph and Sletten gives back to the communities where we live and work.

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CONTINUING OUR LEGACY OF GIVING

Rudolph and Sletten employees once again dug deep to give back to their local communities. The 2014 philanthropic donations totaled $30,000, allotting $6,000 to each of the nominated organizations. Each non-profit was nominated by an employee who volunteers their time with the organization.

**REDWOOD CITY OFFICE**
**CASA OF SAN MATEO COUNTY**
Nominated by senior business development executive Dianna Wright, the Court Appointed Special Advocates (CASA) of San Mateo County partners caring adults with children who have come under the Court’s protection. They bring a CASA volunteer into the life of a child whose parents can’t or won’t take care of him—a guardian angel of sorts who spends time every week with a kid in crisis. CASA volunteers make sure that kids don’t get lost in the over-burdened legal system or languish in an inappropriate group or foster home.

**REDWOOD CITY**
**CHOICE FOR CHILDREN EDUCATION FOUNDATION (CCEF)**
Nominated by senior corporate accountant Bernadette Fernandez, this non-profit organization is run by parent volunteers of Livermore Valley Charter School (LVCS). They provide fundraising activities to close the "funding gap" left from inadequate state and local funding. All funds raised through CCEF go exclusively to the operational budget of LVCS and are restricted to supporting art, music, remediation, global language, science, library, and technology programs.

**ROSEVILLE OFFICE**
**MUSTARD SEED SCHOOL**
Nominated by carpenter foreman Chris Mackey, the Mustard Seed is a free, private school for homeless children 3-15 years old. The school provides a safe, nurturing and structured environment for positive learning experiences and happy memories. They offer survival resources of food, clothing and shelter referrals, medical and dental screenings, immunization updates, counseling for children and their parents, and assistance entering or reentering public schools.

**IRVINE OFFICE**
**MIRACLE FOR KIDS**
Nominated by business development executive Rick Hausman, the Miracles for Kids non-profit organization improves the lives of children with cancer and other life-threatening illnesses.

**SAN DIEGO OFFICE**
**DS ACTION**
Nominated by senior project engineer Kristy Jarvis, DS Action works with Rady Children’s Hospital in San Diego to help children with Down syndrome receive recommended medical evaluations, referrals and intervention services to actualize each child’s potential. The Down Syndrome Center is the only center of its kind in California.

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**ABOUT THE LEO JANSING FUND**
Our philanthropy fund is named in memory of a great man who served as our Vice President and Chief Estimator for many years, and was a valued Rudolph and Sletten employee for over 17 years. Today, our employees’ holiday season donations—along with Rudolph and Sletten’s matching contribution—enables the Leo Jansing Fund to support one or more community non-profit organizations in each of our regional offices.

$1.0 MILLION
Total philanthropic donations contributed since 2000.
At the northern gateway of downtown Sacramento, the historic Sacramento Valley Station (SVS) has served as the primary rail passenger station for the Northern California region since its opening in 1926. The SVS has grown to become the nation’s 7th busiest station, serving the 3rd ranked Amtrak service on the Capitol Corridor, running 42 trains with over 4,700 passengers daily.

This beloved Sacramento architectural landmark is a part of the Sacramento Intermodal Transportation Facility (SITF) master plan, and has earned a spot on every historic register—federal, state and local. The structure consists of two, multi-story wings flanking a large central passenger waiting room.

Construction work includes architectural restoration and rehabilitation—executed in compliance with the Secretary of the Interiors’ Standards for Historic Buildings—to preserve and freshen its main historical elements, including the vaulted waiting room, its massive wall mural and chandeliers, the marble floors and travertine trim, the exterior’s arched corbels, pilasters and rooftop balustrades, and the transoms above office doors in back halls. Many of the spaces will be adapted to add offices, retail areas, a cafe and possibly even a rooftop cocktail lounge.

Construction activities began in the Fall of 2014 starting with building foundation pile restoration and interior demolition with hazardous material abatement. A portion of the facade is currently covered by white shrink-wrapped construction plastic to protect the public as workers remove lead paint from window mullions, and clean and repair the masonry and terra-cotta exterior.

Portions of the renovated facility will be turned over as work finishes, with the entire project scheduled for completion in Winter 2016.

The city’s historic preservation chief, Roberta Deering, said she’s pleased with the ambitious remake. It’s respectful of the building’s history, she said, adding “We really value our significant places. This will make the building usable.”
Designed by world-renowned architecture firm SOM, the 120,000-square-foot, 6-story campus building will accommodate the academic teaching and learning programs of the David Geffen School of Medicine. The facility is expected to be a magnet for recruiting students, staff and faculty, by focusing on emerging trends in medicine and medical education.

The building will be more conducive to instruction on team-based approaches to medical care and the increasing presence of mobile technologies for diagnosing, tracking and monitoring disease.

The building—which consolidates some of the medical school’s teaching facilities currently spanning 11 buildings—including state-of-the art classrooms and teaching labs, a clinical skills center, student study space, support services and administrative offices. The building features an open air courtyard at the center of the building, and will be home to the Deans’ offices.

Describing the building’s environment as a welcoming hub for students to gather, as well as a place to think, Dr. Eugene Washington, vice chancellor for health sciences and dean of the Geffen School of Medicine, said, “This supportive setting will nurture big ideas that can change the way we teach and practice medicine.”
University of California, Santa Barbara’s newest research hub, the BioEngineering Lab Building, will house both the campus’ Institute for Collaborative Biotechnologies (iCB) and its Center for BioEngineering (CBE), and will include a combination of wet labs, lab support space, and dry computational research labs. The new facility will set the stage for UCSB to offer an undergraduate major and an independent Ph.D. program.

Designed by Moore Ruble Yudell, the 89,000-square-foot, three-story plus basement multi-disciplinary research facility will support flexible research and office space for 14 faculty, 78 graduate, and 28 post-doctoral fellows.

The public center of the building features a three-story atrium, framed by administrative and departmental offices. The building will include a 100-seat auditorium.

The first phase of construction activities involved relocating all utilities and installing new lines to be tied into the existing systems. A one-day shutdown was granted by the University to limit disruption to the Davidson Library which operates 24/7 during regular campus sessions. Site excavation—with complicated dewatering system installation—will commence this Spring. Project completion is scheduled for Spring 2017.
EFFICIENCY AT WORK

KAISER PERMANENTE’S REDWOOD CITY REPLACEMENT HOSPITAL WILL LIKELY BECOME A MODEL FOR EFFICIENT STAFF FLOW AT A VERY LOW COST PER BED INVESTMENT AND EVEN LOWER OPERATIONAL COST WITH THE FACILITIES MANY ENERGY SAVING DESIGN FEATURES.
Kaiser Permanente needed to construct an efficient hospital with a building footprint one-third smaller than similar hospitals, with the same number of beds, within the typical time required to build a non-OSHPD medical office building. The collaborative culture of the entire project team combined with creative and innovative uses of technology ensured all project goals were achieved.

Kaiser Permanente’s Redwood City Hospital Replacement project includes the construction of new hospital, central utility plant and site utilities work. The replacement of the hospital was necessary in order to meet the seismic safety standards mandated by the State of California under SB1953.

The new 149-bed, 280,000-square-foot hospital is home to KP’s Advanced Neuroscience Center for Northern California that specializes in the diagnosis and treatment of conditions including brain and spine tumor, complex spine diseases, vascular lesion and complex pain problems. The hospital also includes an emergency department, imaging department with an MRI and two CT scans, 10 operating rooms, labor and delivery rooms, ICU rooms, and procedure rooms. Other project elements of the new hospital include an enclosed garden featuring outdoor dining adjacent to the cafeteria and a meditation area.
Co-location of the project team during all phases, laser scanning and 3D modeling, robust staffing with highly qualified personnel, web-based project management tools, and precise and thorough planning are all service hallmarks of this successful project.

**TEAMWORK PAYS DIVIDENDS**

The design and construction team decided to co-locate during both design and construction phases. Co-location provided the instant, in-person communication to keep the team focused on the critical path and solving project issues. Initially wondering how he was going to keep himself busy all day, Rudolph and Sletten’s Senior Superintendent found himself being asked to give feedback on proposed details well into the evening hours.

During the design and preconstruction phase—using data obtained from a topographical laser scan of the existing site—engineers developed a 3D model which essentially built the project before stepping foot on the jobsite. Our team was able to see potential conflicts and resolve them before they were constructed. Once construction began, dedicated on-site Quality Managers—required for each trade in addition to the overall project—used the 3D model to verify installation.

**DESIGN TEAM** The replacement hospital was designed by HOK; central utility plant was designed by Polytech Associates.

**ADDING VALUE**

During preconstruction, our team proposed an alternative skin system as part of the constructability review process. A precast curtain wall system was used as an alternative to the KP standard plaster exterior finish. The new skin system was prefabricated off site well in advance of installation, avoiding schedule delays and allowing for just-in-time delivery on the restricted site. The precast system also ensured good aesthetics with less risk for water intrusion.
SCHEDULE MASTERS
14 Months—That's all it took from the first piece of structural steel to the first piece of production drywall. The project achieved completion in less than 24 months with testing, commissioning and licensing following close behind. Feedback from our subcontractors is that the speed and efficiency feels more like a medical office building than an OSHPD hospital project.

HOLISTIC AND PATIENT CENTERED DESIGN
The Kaiser Permanente Redwood City Replacement Hospital was built to LEED Silver requirements, using a holistic building design. Sustainable features include water-saving fixtures, landscape plantings and digital diagnostics that require no water for image processing. The facility has an emphasis on natural light and power saving equipment, reducing electricity needs. All interior furnishing and finishes are PVC-free, formaldehyde-free and paint vapor-free.

Spacious private hospital rooms with fold-down lounges and private baths invite families and loved ones to spend the night with patients. Innovative glassed-in stairwells at each corner of the building encourage staff, visitors and patients to take the stairs and enjoy the view.
IriSys provides contract pharmaceutical product development and manufacturing services, helping to move products from discovery to commercialization.

New lab and office space was recently completed in the Nancy Ridge life science cluster in San Diego. Renovations of the existing facility, designed by Ferguson Pape Baldwin Architects, included new office, laboratories and clean rooms, with 10,000sf of manufacturing and warehouse space. The manufacturing space is clean space of Class 10,000/ISO 7 and Class 100,000/ISO 8 with two rooms of Class 100/ISO 5. The manufacturing space is being validated by the FDA in compliance with its cGMP regulations.

Rudolph and Sletten’s Special Projects Group is designed to serve the needs of smaller projects. The division handles projects such as interior improvements and renovations with the nimbleness of a specialty contractor backed by the extensive resources of our entire company. From the simple hanging of a door to the build-out of a new office, our Special Projects Group is designed to meet your needs and exceed your expectations.
The 16th floor interior improvement project at 275 Battery Street in downtown San Francisco included the selective remodel of the entire floor, approximately 16,000-square-feet of office space.

Remodel work included creating additional private offices, rebuilding the break room and seating area, new copy rooms, a new library, conference room improvements and ADA restroom upgrades. Fresh paint and carpet were installed throughout.

Managing costs is especially critical for interior improvement projects, where current conditions can often impact the final cost. We were able to achieve final buy out—including subcontractors—within 0.06% of our original fit plan estimate.
ecoATM is the operator of a nationwide network of automated electronics recycling kiosks, located throughout San Diego County in select grocery stores and malls. Completed in a staggering three and a half months, the new 53,000-square-foot ecoATM office in Sorrento Valley will support their network of 36 machines throughout San Diego County and 1,500 throughout the US.

On track for LEED Gold certification through the U.S. Green Building Council, the interior build-out included complete mechanical and plumbing systems, a new reception area, open and closed offices on both floors, high-tech conference rooms, several break areas and—unique to ecoATM—a secure processing space for electronics.

Architecture firm Carrier Johnson and construction management firm Hughes Marino proposed an aggressive design and construction schedule, which was further accelerated after contractor Rudolph and Sletten began construction.

In order to meet the less than four month construction schedule, manpower on the project peaked at 90 workers in one day. “Close coordination with all trades, the owner’s construction manager, and the architect ensured that workers could stay productive and maintain this fast-paced timeframe in a safe working environment,” said Samudio.

“Throughout our history we are accustomed to performing under difficult circumstances, working together with the project team in a collaborative manner and satisfying our clients’ expectations with successful results,” said Rudolph and Sletten project executive Mike Samudio.
Johnson & Johnson Innovation LLC recently opened its JLABS@South San Francisco facility to its first resident startups. The 30,000-square-foot incubator can accommodate up to 50 startups from across the healthcare spectrum including biotech, pharmaceutical, medical device, consumer and digital health.

JLABS was launched with the goal of not only building capabilities within regional life science hot spots, but also supporting entrepreneurs by helping them overcome challenging discovery and development barriers.

The state-of-the-art facilities provide companies access to core research labs filled with the latest equipment; flexible, turnkey modular wet lab units; flexible space includes conference spaces equipped with the latest in audio visual and connectivity; operations teams that manage all day to day activities; and business services team that help accelerate the development of the company.

Schedule was a critical factor of this successful project, which needed to be complete in time for the JP Morgan Health Care Conference hosted in nearby downtown San Francisco. With team members scattered from the Bay Area to New Jersey, Rudolph and Sletten implement processes and procedures that kept the project moving forward and the team cohesive, always keeping an eye on the end goal—to drive innovation.
MISSION HALL IS AN ESSENTIAL SUPPORT COMPONENT TO UCSF’S NEW MISSION BAY HOSPITALS, BRINGING TOGETHER THE ACADEMIC, CLINICAL AND SUPPORT PERSONNEL FOR THE FIRST TIME.
UCSF’s vision for the 264,000-square-foot Mission Hall: Global Health & Clinical Sciences Building was to create a new hub for its growing Mission Bay campus. The building needed to consolidate dozens of departments working in leased spaces throughout San Francisco and forge a link between academic, research and medical sectors.

Designed and built by Rudolph and Sletten and WRNS Studio, the facility is an interdisciplinary, flexible, light-filled environment inspired by the latest thinking in workplace and academic design.

ADVANCED WORKPLACE DESIGN
Mission Hall’s workspace design embodies the latest thinking in workplace and academic design. Offices accommodate faculty providing clinical care in the new Women’s Hospital, Children’s Hospital, and Cancer Center at Mission Bay. The facility houses approximately 1,500 faculty, staff, fellows, and residents in open workstations and shared activity spaces, maximizing space efficiency. Modular work spaces, hard wall huddle and focus rooms, and multiple conference rooms throughout the building accommodate the activity space needs.

A modular planning approach atop a raised floor allows for changes in technology and mechanical and electrical systems. All furnishings, data and audio-visual systems were purchased and installed by the construction team, a unique approach that supported optimum interior space planning and seamless turn-key building delivery to the University.
One example of providing the best value for each dollar spent is our design for a panelized, prefabricated exterior skin system. The GFRC—metal panel and glass skin system—was prefabricated at an offsite shop into one-bay-wide and one-floor-tall panel frames. All 361 frames were delivered onsite and erected right off the trucks. Prefabricating and panelizing the skin saved approximately 15% of the total exterior skin system cost.

361 prefabricated exterior skin panels were installed directly off the delivery trucks in 4 weeks.
DESIGN-BUILD DONE RIGHT

Our team employed the Big Room concept, starting with the competition phase in WRNS Studio’s office, moving to a co-located two months into design. The Big Room created an environment in which traditional boundaries between owner, architect, builder and trade specialists were blurred intentionally. Constant communication accelerated the design and decision-making process and enhanced relationships. These efficiencies were critical to meeting the aggressive project goals. Optimizing the collaboration opportunities inherent in the design-build process, our team exceeded UCSF’s extremely high standard for project delivery, performance, quality, function and urban design.

“This project was delivered in the truest sense of ‘design build – done right.’ We, UCSF, supplied clear direction through our technical criteria documents, and this team achieved our goals with a limited budget and a very aggressive design and construction schedule. “

MICHAEL BADE, ASSOCIATE VICE CHANCELLOR
CAPITAL PROGRAMS & CAMPUS ARCHITECT – UCSF

more energy-efficient than a building of similar size

18 MONTH

schedule from mobilization to move-in

GOLD NC

LEED registration with the US Green Building Council
Ravenswood Family Health Center (FHC), a private not-for-profit corporation, recently opened the doors to their new 2-story multi-specialty clinic in East Palo Alto, California. The 38,000-square-foot building, dubbed the John & Susan Sobrato Campus, will replace the center’s current clinic facilities, housed in a modular building a few blocks away.

The new facility, designed by INDE Architecture, includes 60 exam rooms, 13 counseling rooms, conference rooms, active team areas and offices, lab and imaging areas, a pharmacy and support spaces. Clinicians will support primary care, mental health, expanded women’s health, pediatric dentistry, optometry, healthcare enrollment and health education.

The exterior is constructed from concrete tilt-up panels, an economical and durable construction type chosen in line with the non-profit’s budget, which derived its funding through generous capital campaign gifts.

The design and construction of the project also integrate sustainable practices—the project is an Energy Star building. The building’s concrete exterior contains recycled material, LED lighting was installed throughout, low flow restroom fixtures, solar panels mounted on the roof, bioswales that treat storm water runoff are integrated into the landscaping and a rain water collection system reuses water for on-site irrigation.

The building’s location on Bay Road provides easy access to public transportation. While also accessible by pedestrians, the City of East Palo Alto is improving the street frontage along Bay Road as part of a Federal Grant, which will greatly improve safety.
“We have been so fortunate to have Rudolph and Sletten as our General Contractor. R&S together with their sub-contractors have demonstrated tremendous pride in the quality of their work and have gone beyond the call of duty to meet our timeline within budget. We have had a real partnership and team effort building this facility together.

LUISA BUADA, RN, MPH
CHIEF EXECUTIVE OFFICER

IMPROVED PATIENT EXPERIENCE

- Reduced lines and wait times
- Reduced need for off-site services
- Promoting healthy lifestyle and wellness education
- Enhanced healing environment with natural light and contagion reducing features
PROJECTS ON THE HORIZON
RECENTLY AWARDED PROJECTS & PROJECTS BEGINNING

PENINSULA HEALTH CARE DISTRICT
THE TROUSDALE ELDERLY CARE
BURLINGAME, CA
» 150,000sf assisted living and memory care center for the elderly
» Designer: SmithGroupJJR

EL CAMINO HOSPITAL FOUNDATION
MEDICAL OFFICE BUILDING & PARKING STRUCTURE
MOUNTAIN VIEW, CA
» 129,000sf MOB & 110,000sf parking
» Designer: WRNS Studio

CONFIDENTIAL
MANUFACTURING BUILDING
LOS ANGELES, CA
» Manufacturing building

UC SAN DIEGO
OUTPATIENT PAVILION
LA JOLLA, CA
» 140,000sf medical office building
» Designer: CO Architects

SOUTHWESTERN COMMUNITY COLLEGE DISTRICT
MATH, SCIENCE AND ENGINEERING BUILDING
CHULA VISTA, CA
» 100,000sf classroom building
» Designer: Imirzian & Associates
CONTINUING OUR LEGACY OF SAFETY ACHIEVEMENT

Cal/OSHA Partnership Programs offers several levels of recognition to qualified companies. One of Rudolph and Sletten’s San Diego jobsites was recently approved as a participant in the Voluntary Protection Program (VPP-Construction). This recognition—the highest level in the Partnership Program—distinguishes leaders in the construction industry for worker safety and health. Our continued participation is a result of maintaining these same high standards at our participating jobsites.

Cal/OSHA’s evaluation team verified that the design and performance of Rudolph and Sletten’s safety and health management systems remains effective in preventing or reducing the risk of serious injury or illness to all our workers at the UC San Diego Altman Clinical and Translational Research Institute (CTRI) project, thus being awarded VPP status. Rudolph and Sletten management and employees, as well as our union signatories and contractors that help us maintain safe working conditions, were recognized by Cal/OSHA for achieving this honor.