



2015 AIA Fellowship

Entry 69376

Nominee	Glenn E. Bauer
Organization	RMW architecture & interiors
Location	San Francisco, CA
Chapter	AIA San Francisco
Sponsor	Douglas Tom FAIA
Organization	TEF Architecture + Interior Design

Category of Nomination

Category Two - Practice (Technical Advancement)

Summary Statement

Glenn Bauer's inspirational corporate campuses and research facilities have defined the way many of the world's leading technology companies and science-based organizations work, collaborate, and adapt to the next generation of innovators.

Education

Harvard University, Graduate School of Design, Cambridge Massachusetts. 1 year. Master of Architecture

University of California Berkeley, School of Environmental Design, Berkeley California. 5 years. Bachelor of Architecture

Licensed in: California #C-8880 Arizona #44875 Texas # 16092 Utah #266816-0301

Employment

RMW architecture & interiors, 1971 - Present

Institute Honors and Awards Fellowship



THE AMERICAN
INSTITUTE
OF ARCHITECTS

Nomination Signature Sheet

____ **Glenn E. Bauer** AIA ____

Candidate's Name

Component Nomination

Name of component organization _____ AIA San Francisco _____

Signature of chapter president or secretary _____ *Marianne O'Brien* _____

Name of chapter president or secretary _____ Marianne O'Brien FAIA, President _____

or

Nominated by any 10 AIA Members *or* any 5 Fellows in good standing:

1. Signature/date _____

Print/Type full name/chapter _____

2. Signature/date _____

Print/Type full name/chapter _____

3. Signature/date _____

Print/Type full name/chapter _____

4. Signature/date _____

Print/Type full name/chapter _____

5. Signature/date _____

Print/Type full name/chapter _____

6. Signature/date _____

Print/Type full name/chapter _____

7. Signature/date _____

Print/Type full name/chapter _____

8. Signature/date _____

Print/Type full name/chapter _____

9. Signature/date _____

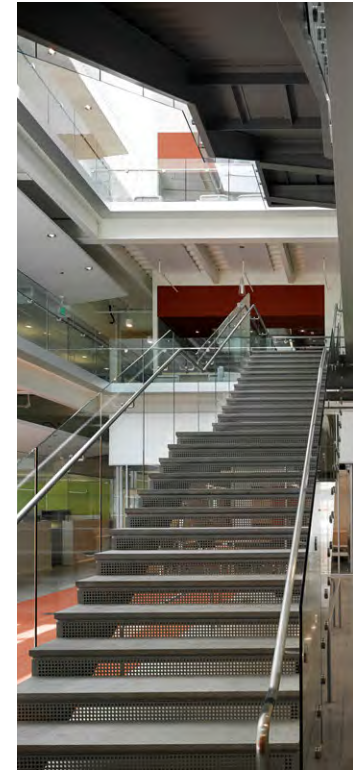
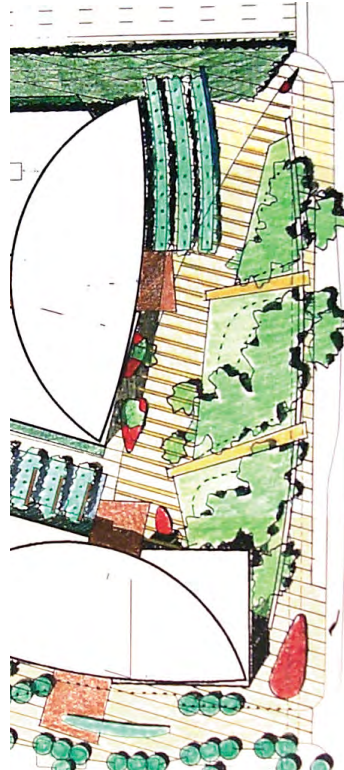
Print/Type full name/chapter _____

10. Signature/date _____

Print/Type full name/chapter _____

Note: It is the responsibility of the sponsor to notify the AIA component of a petition nomination.

Glenn E. Bauer AIA, LEED AP
2015 FAIA NOMINATION



17 October 2014

Mr. John Castellana, FAIA
Chair, 2015 Jury of Fellows
1735 New York Avenue, NW
Washington, D.C., 20006-5292

Re: Fellowship Sponsorship for Glenn Bauer, AIA, LEED AP

Dear Mr. Castellana and Members of the Jury,

Any discussion today about designing the modern, 21st century workplace revolves around creating environments for collaboration, innovation, and creativity. Terms such as teaming spaces, concentrative spaces, touchdown spaces, and open social lounges are now part of the common vernacular when talking about work environments for all types of corporations and institutions. Largely, these concepts evolved from high-tech and R&D industries of the Silicon Valley and San Francisco Bay Area, where Glenn Bauer has evolved as a leader in the past 35 years. It is with tremendous professional respect and great personal pleasure that I sponsor Glenn's candidacy for the AIA College of Fellows.

As a leader of RMW, Glenn has created imaginative work and research environments for major tech companies such as Yahoo!, Apple, Hewlett Packard, and Sybase, and world-class laboratory space for major research institutions such as Lawrence Berkeley National Laboratories and the Stanford Linear Accelerator Center. His leadership and creativity enabled them all to grow, some literally from garages and kitchens, into industrial buildings as well as into national and international headquarters buildings and research centers, in both urban and suburban settings. The most recent project for Twitter has transformed a derelict neighborhood in San Francisco into a vibrant, sought-after tech and commercial hub.

I have long admired Glenn's talents as a professional colleague, but it has been in the past ten years that he has truly revealed his skills to me, while collaborating with him as a volunteer in the development of three Boys & Girls Club of San Francisco projects. He has shared the knowledge and values honed with his clients about efficient and economic use of real estate and aligning space usage with an organization's vision and goals, to make each of these Clubs terrific places for kids to learn, play, and grow in safe environments. His commitment to the Club and these kids is impressive, and his work is a shining representation of our profession.

Glenn's tech and research design work has advanced the profession nationwide, altering the way we think of, and use, the modern workplace. His body of work and leadership in this generational transformation is worthy of his elevation to Fellowship. Therefore, I respectfully request that you carefully consider Glenn's application and recognize his achievements.

Sincerely,



Douglas Tom, FAIA, LEED AP
Principal

1420 Sutter Street 2nd Floor San Francisco, CA 94116

tel 415 391.7918
fax 415 391.7309

www.TEFarch.com

1.0

Glenn E. Bauer AIA, LEED AP Summary of Achievements

Glenn Bauer's inspirational corporate campuses and research facilities have defined the way many of the world's leading technology companies and science-based organizations work, collaborate, and adapt to the next generation of innovators.

High-Tech Invention

Every world-class technology company tells an origin story about starting up in a garage or being hatched over a kitchen table. Over the course of his 35-year career, Glenn Bauer's work with entrepreneurs, scientists, and visionary leaders has provided a bridge from a creative burst of ideas to facilities that foster invention, creativity, and growth. Glenn's leadership has shaped the landscape of Silicon Valley and advanced design excellence and sustainable approaches in the workplace and R&D. His clients include some of the tech world's most innovative organizations, including Apple, Yahoo!, Hewlett Packard, Cadence, and Sybase. As his portfolio grew, so did RMW, the architectural firm where Glenn has been a principal since 1979. Under his guidance, the firm has completed projects in the U.S., China, Mexico, the United Kingdom, and Europe, including dozens of world-class projects for technology companies and science organizations representing over 20 million gsf.

Workplaces for Research and Development

Glenn has guided pivotal advances for high-tech research as well as scientific institutions, creating office and laboratory environments that support both team-based and concentrative work tasks. Glenn's design approach emphasizes developing a detailed understanding of each client's processes and culture, and shaping the space to support specific technical needs. For many world-class research institutions, such as Lawrence Berkeley and Lawrence Livermore National Laboratories, Genentech, and Stanford University, his methodology requires close communication with engineers, scientists, and technologists. At Lawrence Livermore, Glenn worked intensively with computer scientists to design the Terascale Simulation Center, which accommodates the world's fastest supercomputers. At Lawrence Berkeley, he designed multidisciplinary research spaces to foster interaction between the Bioenergy, Structural Biology, Genomics, and Computational Crystallography groups.

The Evolving Urbanism of High Tech

Glenn has led a number of high-tech companies to transition from one- and two-story industrial buildings into multi-story and high-rise workplaces, and from suburban to urban campuses. Adobe pioneered this move when they located to downtown San Jose. A more recent example is Twitter, which located its headquarters to the mid-Market area of San Francisco, symbolizing the evolving urbanism of technology companies in a two-building development spanning an entire city block.

Applying Architectural Skills to Community Service

Glenn has demonstrated that architects can have a positive impact in the community through his volunteer work with the Boys and Girls Clubs of San Francisco for the past 16 years. While serving on the Board, he helped develop and implement a facilities strategic plan, led the planning and fundraising for three significant new buildings and major renovations, and pushed for the adoption of a long-range infrastructure improvement plan. Glenn's impact was recognized in 2009 when he was named Board Member of the Year, and again in 2013 when he was named Committee Chair of the Year.



A principal and owner at RMW architecture & interiors since 1979, Glenn's leadership and expertise have been associated with many of the firm's most prominent projects, including the Yahoo! Corporate Headquarters Campus and the firm's work for the National Laboratories.

Education

- Bachelor of Architecture with Honors, University of California, Berkeley, 1970, Berkeley, California
- Master of Architecture, Harvard University, 1971, Cambridge, Massachusetts

Professional Registrations

- Registered Architect:
 - State of California, 1976, #C-8880
 - State of Arizona, #44875
 - State of Texas, #16092
 - State of Utah, #266816-0301
- NCARB (National Council of Architectural Registration Boards) Certified
- LEED (Leadership in Energy and Environmental Design) Accredited Professional

Professional Organizations

- AIA (American Institute of Architects) Corporate Member
- USGBC (U.S. Green Building Council) Member
- CoreNet Global
- Society for College + University Planning
- Global Design Alliance
- Living Futures Institute

Work History

- RMW architecture & interiors, 1971 – Present
 - Elected Principal, 1979
 - Opened Silicon Valley Office, 1984
 - Co-Chair RMW Board, 2000 – Present

Community Leadership

- Board of Governors, Boys & Girls Clubs of San Francisco, 2000 – Present
 - Chair Facilities Committee
 - Board Member of the Year, 2009
 - Committee Chair of the Year, 2013

2.1 Glenn E. Bauer AIA, LEED AP Significant Work



Lawrence Berkeley National Laboratory General Purpose Laboratory Berkeley, California

Completion: 2014
43,000 sf

Role: Principal-in-Charge

Multidisciplinary scientific collaboration drove the need for a new laboratory and office building at Berkeley Lab. Working with senior scientists and LBNL's executive team, Glenn suggested radically altering the existing paradigm of offices in labs to meet the goals of flexibility and collaboration. The resulting layout creates three distinct zones: open collaborative office space, social space, and lab areas. This allows researchers to work at their desks close to their labs without being isolated. Lab and workstation casework is designed for easy updates of equipment and services. Designed to LEED Gold.

Significant Publications

- *American Society of Safety Engineers Workshop, New Programs at LBNL: General Purpose Laboratory*, Kim Abbott, DOE Office of Science, 2011
- *Sustainable Science at LBNL: A Living Laboratory for Carbon Reduction*, Presentation to Berkeley Lab Community Advisory Group, Blair Horst, CEM, PE and Melissa Summers, PhD, May 2011
- *The Berkeley Daily Planet*, LBNL: Move West Berkeley Biolabs to New Building on Hill, January 2009



Market Square (1355 Market) AKA Twitter Building San Francisco, California

Completion: 2014
863,392 sf

Role: Planning Principal

Originally built as a furniture warehouse, 1355 Market was repurposed as Class A office space for high-tech tenants including Twitter. Glenn recognized the building's potential to function as an urban campus, and envisioned a plan to create mixed-use retail spaces on the ground floor, single open spaces of the 90,000 sf floor plates on office tenant floors, and a pedestrian green which knits the campus into its urban surroundings. The lobby and retail concourse incorporates wood repurposed from a WWII-era rooftop structure which was demolished to allow a rooftop garden. The project is LEED Gold certified.

Significant Publications

- *Architectural Record*, Urban Game Changer, February 2014
- *The Architect's Newspaper*, A Future for the Past, February 26, 2014
- *New York Times*, Twitter Helps Revive a Seedy San Francisco Neighborhood, November 1, 2013
- *Inc. Magazine*, World's Coolest Offices, September 2012
- *Bloomberg*, Twitter Rent Surge Makes San Francisco Best Office Market, May 11, 2012



Stanford National Accelerator Laboratory Research Support Building (SLAC) Menlo Park, California

Completion: 2013
65,000 sf

Role: Principal-in-Charge

Communication is the cornerstone of SLAC's "One Lab" credo, which drives interdisciplinary collaboration. In developing the design and performance criteria for the new Research Support Building, Glenn sought to create a work environment that promotes interaction at every level. He engaged a representative group of senior scientists and campus support groups in a series of hands-on programming workshops, establishing a basis for a "work anywhere" approach that incorporates teaming spaces, concentrative spaces, unassigned seating, and open social lounges.

Significant Publications

- *SLAC Today*
 - Building 52 Construction Nearly Complete, March 6, 2013
 - Seen Around SLAC: Beam Time at the RSB, April 4, 2012
 - RSB on the Rise, February 22, 2012

2.1 Glenn E. Bauer AIA, LEED AP Significant Work



Lawrence Berkeley National Laboratory Building 74 Berkeley, California

Completion: 2013
45,382 sf

Role: Principal-in-Charge

For the renovation of Berkeley Lab's Building 74, Glenn created a plan that improved the space efficiency of a motley 50-year-old building and resulted in LBNL's first-ever LEED Platinum facility. Working closely with the engineering team, he devised a utility infrastructure that could be accommodated in the unusually low floor height. His novel solution was to group support spaces, which could function with lower ceiling heights, in the center of the floor that became a distribution spine for the mechanical systems. This space efficiency allowed for the creation of teaming spaces and open social lounges.

Significant Awards, Honors & Recognition

- U.S. Green Building Council Northern California Chapter, Green Building Super Hero Award, Sustainable Neighborhood/Campus Award, 2013



Juniper Networks Campus Master Plan Sunnyvale, California

Completion: 2002-2013
80 acres; 2.3 million sf

Role: Planning Principal

The Juniper Networks campus houses R&D space with associated amenities and structured parking. Moving from single-story warehouses which accommodated both offices and labs, Juniper's researchers sought to keep the same collaborative adjacency and air-cooled lab model. As Planning Principal, Glenn led the team's solution: to build a section of every floor of each building to support potential laboratory spaces, with mechanical louvers for air-cooling screened by exterior fins. Amenities are located to further increase inter-departmental interaction. The buildings received LEED Gold and Platinum certifications.

Significant Awards, Honors & Recognition

- Association of Briefing Program Managers, World Class Briefing Center Award, 2014
- Silicon Valley Business Times, Best Green Project/Innovative Design, Silicon Valley Structures Awards, 2013

Significant Publications

- *Silicon Valley Business Journal*, Juniper Networks Cuts Campus Energy Use With Green Plan, September 27, 2013



Lawrence Berkeley National Laboratory Golden Gate Fields Master Plan Albany/Berkeley, California

Completion: 2011
136 acres; 5 million sf

Role: Principal-in-Charge

Master planning this 136-acre site for the possible expansion of LBNL was a huge, complex undertaking. The program had to accommodate 2 million sf of research space, 500,000 sf of public/private "incubator" R&D space, a half-mile-long linear accelerator, and market-rate multifamily housing. Glenn advanced a solution that placed the program in gradient zones, with lab uses at the north end of the parcel, the "incubator" in the center, and private homes in the south. At the ocean side, 30% of the land was planned as parkland, allowing each user access to views and accommodating possible sea rise.

2.1

Glenn E. Bauer AIA, LEED AP Significant Work



Stanford Linear Accelerator Center Laboratory Research Science & User Support Building (SLAC) Menlo Park, California

2011 Competition Finalist
67,766 sf

Role: Principal-in-Charge

Researchers from all over the world apply to conduct research using SLAC's linear accelerator. The Laboratory needed a building to serve as a conferencing, orientation, and administration space for its visiting researchers program. Glenn's design for the building succeeds as a representation of the Lab's forward-thinking identity while supporting programmatic function. The design incorporates extreme energy conservation: 60-foot-wide floorplates allow deep daylight penetration, and the 400-seat auditorium is naturally ventilated via cooling towers.

Significant Publications

- *SLAC Today*
 - Design, Cost for Science and User Support Building Recommended for Approval, April 11, 2012
 - Stanford Trustees Give Site OK for SLAC Science and User Support Building, February 15, 2012



Brocade Communications Systems San Jose, California

Completion: 2010
560,000 sf

Role: Planning Principal

The interior build-out of Brocade's new campus was an opportunity to create a more collaborative environment. Intensive programming sessions led to a desire for scalable spaces that could support teaming, concentration, and informal social interaction. The solution features lean workspaces supported by numerous interaction spaces, including constructed hubs, raked presentation theaters, and outdoor cafes. Each features large and small group A/V capability. Workstations are located to maximize access to daylight. The project is LEED Gold certified.

Significant Awards, Honors & Recognition

- IIDA Honor Awards, Notable Achievement, Work Big Category, 2011 Winner
- Ceramics of Italy Tile Design Competition, Commercial/Hospitality Category, 2011

Significant Publications

- *San Jose Mercury News*, Brocade's New Campus Shows Company's Growth and San Jose Redevelopment Effort, September 2010
- *Data Center Knowledge*, How Brocade Earned \$2 Million in Rebates, November 8, 2010



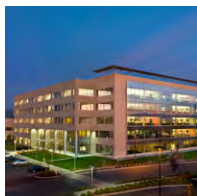
Cadence Design Systems Campus Master Plan San Jose, California

Completion: 1997-2008
1.1 million sf

Role: Principal-in-Charge

Glenn has provided real estate strategy and design standards for Cadence's global workplaces since 1997. In 2004, Glenn developed regional facility design guidelines for the firm, leading the effort to create standards that support the company's administrative and engineering staff through effective concentrative spaces, teaming spaces, touchdown spaces, and open social lounges. He developed engineering standards for technical spaces such as data/server rooms, QA labs, and other IT and critical support rooms.

2.1 Glenn E. Bauer AIA, LEED AP Significant Work



Cadence Design Systems Engineering Center, Building 10 San Jose, California

Completion: 2008
200,000 sf

Role: Principal-in-Charge

Glenn led a comprehensive master planning effort following Cadence's acquisition of a 19.5-acre campus with existing buildings. His workplace study identified a need for a new building to house product development labs and R&D offices, providing a collaborative environment to inspire research. The new building's design supports teaming through flexible workspaces that can be reconfigured to serve as impromptu meeting rooms, and concentrative spaces that double as touchdown rooms. The building also provides social spaces including a full-service cafeteria and sloped-floor auditorium.

Significant Publications

- *Electronic Design Automation EDACafe*, Opening of Cadence Building 10, February 2008
- *Forbes*, Chips and Biryani, Elizabeth Corcoran, April 2006



State of California Department of Rehabilitation Headquarters Sacramento, California

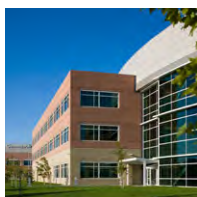
Completion: 2008
145,000 sf

Role: Principal-in-Charge

For this project, Glenn turned his understanding of workplace in the private sector toward a public client. The client wanted a more efficient use of space and facilitation of interaction between departments. Glenn's design solution reduced occupancy costs by 30% through denser workstations coupled with concentrative and teamwork spaces. He transitioned much of the staff to open workstations which allowed greater access to daylight. This, along with renovation or replacement of all building systems, led to a LEED Silver certification for the project.

Significant Awards, Honors & Recognition

- Green Building of America Award, Featured in: Real Estate & Construction Review, Green Success Stories Edition, 2009



Genentech Building 10 Vacaville, California

Completion: 2006
135,000 sf

Role: Principal-in-Charge

To support growth in R&D at Genentech's Vacaville campus, Glenn created a master plan which focuses on phased construction. He then led the design of a new 135,000 sf building to house administrative offices and development labs. The project was sited to create a campus hub and anchor a new circulation and utilities spine. Workspaces are open plan, with enclosed teaming spaces and concentrative spaces. A courtyard marks the entrance to the campus-wide cafeteria, auditorium, and training center, providing a sense of arrival for the campus.

Significant Awards, Honors & Recognition

- California Construction, Best of the Best Industrial/Manufacturing Project in Northern California, 2007

Significant Publications

- *East Bay Business Times*, Biotech Behemoth Leads Vacaville Boom, Jessica Saunders, February 2007
- *Chemical and Engineering News*, 'Casual Intensity' Defines Genentech: Blend of Serious Science and Serious Play Makes it the 'Best Place to Work', Sophie Rovner, October 2006

2.1 Glenn E. Bauer AIA, LEED AP Significant Work



Adobe San Jose Expansion Campus Master Plan San Jose, California

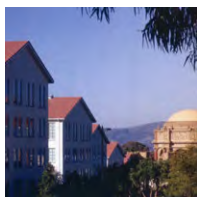
Completion: 2006
1.05 million sf

Role: Planning Principal

When Adobe sought to expand to a more urbanized setting, Glenn provided site analysis, master planning, and conceptual architectural design to inform their decision. His design for a 5.28-acre site in downtown San Jose envisioned high-rise office buildings in a park-like setting. Sky bridges between the buildings would facilitate circulation and collaboration. An existing historic San Jose Water Company building on the site was sensitively reinvented as a Visitor's Center and Briefing Center. Adobe ultimately decided to undertake a replanning of its existing campus rather than expand to a new site.

Significant Publications

- *San Francisco Planning and Research Association SPUR*, Shaping Downtown San Jose – The Quest to Establish an Urban Center for Silicon Valley, April 2013
- *Silicon Valley Business Journal*, Adobe to Pay \$25M for downtown San Jose Water Parcel, Sharon Simonson, April 2006



Letterman Digital Arts Center San Francisco, California

Completion: 2005
600,000 sf

Role: Principal-in-Charge

Glenn's leadership of the interior design of the Letterman Digital Arts Center campus concentrated on fostering the creative culture. The project includes 600,000 square feet of office and technical spaces as well as campus common amenities such as a fitness center, a 350-seat cafeteria, a childcare center, three theaters for film screening, and a 12,000 square foot data center. Workspaces are open and customizable.

Significant Publications

- *The Guardian*, Inside the Star Wars Machine: Part Two, Keith Stuart, October 2010
- *Interior Design*, May the Force Be With You, Laura Kaiser, May 2007
- *Variety*, Design for Working – New Digital Arts Campus a Seamless Fit within Presidio, June 2005
- *Variety*, Building a Legacy, David Cohen, February 2005



Lawrence Livermore National Laboratory Terascale Simulation Center Livermore, California

Completion: 2004
268,000 sf

Role: Principal-in-Charge

Working closely with researchers and computer scientists, Glenn devised a solution that would securely and sustainably house the world's fastest supercomputer while providing adjacent areas for scientists to collaborate and present their research. The supercomputer is located in its own wing, cooled by an HVAC system from below the floor, an innovation inspired by clean room design. This wing also accommodates simulation labs, while workspaces are in an adjacent wing. The project resulted in significant energy savings for LLNL and received LEED Gold certification.

Significant Awards, Honors & Recognition

- Project Management Institute, Project of the Year, 2010
- Presidential Medal of Technology and Innovation from President Barack Obama, Oct 9, 2009
- Association for Computing Machinery, Gordon Bell Prize, 2013

Significant Publications

- *Science & Technology Review*, Terascale Simulation Facility: Built for Flexibility, January/February 2005

2.1

Glenn E. Bauer AIA, LEED AP Significant Work



Juniper Networks Mathilda Research Center Campus Sunnyvale, California

Completion: 2001-2004
424,700 sf

Role: Principal-in-Charge

Glenn led the design and planning of Juniper's relocation of its corporate headquarters to the Mathilda Research Center in Sunnyvale. He worked with Juniper executives to define a series of amenities that would retain and draw engineering talent, including outdoor recreation areas, contemplation / quiet landscape courtyards, a fitness center, a full-service cafeteria, game room, and concierge station for personal services including transit passes.



Sybase Corporate Headquarters Dublin, California

Completion: 2002
14.5 acres; 420,000 sf

Role: Principal-in-Charge

Glenn led the design of this high-tech company's new headquarters from site selection through completion. He designed two six-story buildings to form the centerpiece of the site. One houses engineering functions and the data center, while the other houses executive management and support personnel. Engineers are clustered within 100 meters of the data center to reduce latency and signal degradation. To encourage interaction, a feature skybridge connects the two buildings.

Significant Publications

- *PG&E Case Study*, Sybase Headquarters Data Center Saves Energy, 2006
- *NTSE Magazine*, The Chen Project, March/April 2002
- *PRNewswire*, Sybase to Move Corporate Headquarters to Dublin, California, May 2000



Knight Ridder Headquarters San Jose, California

Completion: 2001
40,000 sf

Role: Planning Principal

When venerable Miami-based newspaper Knight Ridder decided to re-establish itself in the heart of Silicon Valley, they wanted a design that would embody their transition from a traditional to a data-based information provider. Glenn's solution creates a work environment designed to the standards of high-tech companies of the time, and helped Knight Ridder embrace mobility in the workplace through a built environment that supports a "work anywhere" approach. The design supports building-wide network connection, and provides concentrative, collaborative, and touchdown spaces.

Significant Publications

- *Corporate Interiors No.4*, Visual Reference Publications, Roger Yee, 2002
- *Interior Design*, In the News, RMW designs Knight Ridder's new Silicon Valley headquarters, July 2001

2.1 Glenn E. Bauer AIA, LEED AP Significant Work



Yahoo! Corporate Campus Sunnyvale, California

Completion: 2001
37 acres; 806,000 sf

Role: Principal-in-Charge

Working closely with Yahoo!'s founders, Glenn led a fast-paced design for a headquarters campus that embodied the company's culture and brand and set the standard for Silicon Valley campuses for years to come. Four office and R&D buildings curve around a central courtyard that supports outdoor social spaces. Interior workspaces are based on an open workplan to encourage visual connectivity, while adjacent "neighborhoods" house informal meeting areas and drop-in concentrative rooms.

Significant Awards, Honors & Recognition

- AIA Santa Clara Valley Design Awards, Honor Award, 2001
- Society for Environmental Graphic Design, Branding of its Corporate Campus, Merit Award, 2002

Significant Publications

- *Timothy Allard*, An Inside Look At Corporate Giants, 2006
- *Santa Clara Valley Urban Runoff Pollution Prevention Program Annual Report*, Yahoo Headquarters - Highlighted Project, 2004

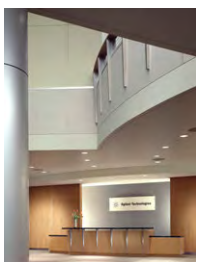


Sybase Campus Master Plan Emeryville, California

Completion: 2000

Role: Principal-in-Charge

In the late 1990s, Glenn led a facilities master plan for Sybase, which was located in scattered industrial warehouses converted to R&D space. Glenn unified the disparate assemblage of buildings into a cohesive campus by establishing workplace standards, including pedestrian circulation between buildings, identification of building entries, integrated landscaping, lighting, and signage. The design brought a sense of identity to the client's built environment, and led to an improved support of their R&D workflow through implementation of teaming spaces, concentrative spaces, touchdown areas, and social areas.



Agilent Technologies Headquarters Palo Alto, California

Completion: 2000
220,000 sf

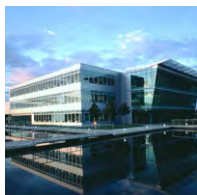
Role: Planning Principal

Glenn planned an innovative corporate headquarters for this tech company, a spin-off of Hewlett Packard. The vision for the new space was to embody the energy and competitiveness of a high-tech start-up while also reflecting the stature of HP. Working closely with research teams, Glenn designed a three-story building that created a customized environment for R&D. A central hub consolidates reception, conference rooms, a history exhibit room, dining, and a fitness center, radiating out into a variety of working environments including open workstations, teaming spaces, and enclosed concentration rooms.

Significant Publications

- *Silicon Valley Roots & Shoots*, Agilent Technologies – The Real HP, David Lewis, April 2012
- *New York Times*, New Connection to Agilent Technologies is Studied, March 2001
- *Los Angeles Times*, HP Plans Spin-Off, July 29, 1999
- *The Wall Street Journal*, Hewlett – Packard Spinoff to Take the Name Agilent Technologies, July 1999

2.1 Glenn E. Bauer AIA, LEED AP Significant Work



Cadence Design Systems European Headquarters Edinburgh, Scotland

Completion: 2000
116,000 sf

Role: Principal-in-Charge

After designing Cadence's California offices, Glenn was engaged to plan, program, and design an expansion in Edinburgh, Scotland. The company wanted to carry over the model Glenn had created for its U.S. facilities, with spaces designed around collaboration, flexibility for rearrangement, mobility in the workplace, and amenities for social interaction. The Scotland headquarters also incorporates the latest in sustainable European technologies, including under-floor air distribution, energy efficient systems, chilled beams, and high-performance glass with integrated shading elements.

Significant Awards, Honors & Recognition

- Her Majesty The Queen Officially Opened Cadence Design Systems' Livingston Design Center in Scotland as the First Building on the Alba Center Campus, June 30, 2000

Significant Publications

- *Winning the SoC Revolution: Experiences in Real Design*, "The Alba Project," Edited by Grant Edmund Martin and Henry Chang, 2003
- *EE Times*, Cadence Receives a Royal Visit, September 2000



PeopleSoft Corporate Campus Pleasanton, California

Completion: 1998
382,000 sf

Role: Principal-in-Charge

Concerned that its rapid growth would dilute the company culture that led to its success, PeopleSoft engaged Glenn to design a campus that would support both halves of the creative process: the individual and the collaborative. Glenn's solution incorporates two four-story buildings. Engineers are housed in private offices for concentrative space, while the cafeteria, fitness center, and sports court promote social interaction. All outdoor spaces are linked by a boardwalk, which provides opportunities for spontaneous encounters.

Significant Publications

- *Contract Design*, People Who Need People, December 1999
- *Corporate Interiors No. 3*, Stanley Abercrombie, Watson-Guption Publications, December 1999



Palo Alto Medical Center Medical Office Building Fremont, California

Completion: 1998
60,000 sf

Role: Principal-in-Charge

Glenn led the Medical Foundation's campus master plan, which identified a potential for increased collaboration between the Foundation's R&D arm and the clinical practice. In response, and using lessons learned from his work with high-tech companies, Glenn designed the new building with an integrated R&D lab adjacent to the clinics, simplifying the lab's ability to put new therapies into "pilot production," receive feedback, and speed innovation.

2.1 Glenn E. Bauer AIA, LEED AP Significant Work



Altera Headquarters San Jose, California

Completion: 1997
27 acres; 508,000 sf

Role: Principal-in-Charge

Glenn's master plan for a headquarters campus for this high-tech company unified operations which had previously been scattered through several leased office buildings. The new campus comprises four buildings that house engineering, administrative, and executive staff. Glenn introduced early alternative workplace ideas in this project, including an open office environment, integrated lifestyle amenities, and a "fab lab" type of research space. The auditorium, cafeteria, and fitness center create spaces for Altera's communities to build a common culture.

Significant Publications

- *MarketWatch*, Altera Ranks Among Top 25 Greenest Companies in U.S., July 22, 2014
- *Newsweek Magazine*, #24 on 2014 Green Rankings, July 22, 2014
- *EE Times*, Altera Moves into New Corporate Headquarters, November 5, 2007
- *Computer History Museum*, The Silicon Engine: A Timeline of Semiconductor in Computers, 2006
- *Western Metal Architecture*, March/April 1999

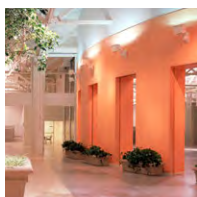


KLA Tencor Headquarters Campus Milpitas, California

Completion: 1997
38.5 acres; 553,308 sf

Role: Planning Principal

After conducting extensive research and interviews, Glenn led the development of space standards for this semiconductor research and manufacturing firm. Spaces included offices, labs, clean assembly rooms (Class 10 to Class 10,000), and support space. Glenn's design for the new headquarters places all groups under one roof – design engineers, pilot production/manufacturing, distribution, administration, and sales and marketing. This adjacency along with open workstations increases collaboration and communication. Shared amenities include a fitness center and cafeteria.



Sybase A-Trium Engineering Center Emeryville, California

Completion: 1996
127,000 sf

Role: Principal-in-Charge

Glenn converted a tilt-up concrete warehouse into innovative, collaborative workspace for this software design company. The large floor plate caused circulation, wayfinding, lighting, and code problems. Glenn created an inspired layout with provocative design elements to support a flexible, creative environment that would appeal to unconventional programmers. Space was divided to meet code and encourage natural light. He planned five "neighborhoods" within the building to relate functionally and thematically.

Significant Publications

- *San Francisco Business Times*, Aged Structure Fetches Top Dollar in 21st Century Market, Katherine Conrad, July 2005
- *Interior Design*, Warehouse Works, Edie Cohen, November 1996

2.1 Glenn E. Bauer AIA, LEED AP Significant Work



Sybase B-Trium Engineering Center Emeryville, California

Completion: 1996
62,000 sf

Role: Principal-in-Charge

Glenn led the design of this AIA award-winning software engineering facility that served as a model for the high-tech industry. The former warehouse space was completely renovated. The AIA awards jury especially liked the interior vistas created by “landmarks” and the use of natural light. It was clear from programming workshops with engineering groups that flexibility was key in terms of workspaces and building systems. Glenn decided to expose all the systems of the building for accessibility and visual interest. A unique system of drops from the cable tray to individual work pods provided a quick connection system.

Significant Awards, Honors & Recognition

- International Interior Design Association, Interior Design Award, One of the Ten Best Projects in 1996, Interior Design Magazine, 1996
- AIA San Francisco, Award of Honor, Interior Architecture Award for Design Excellence, 1994

Significant Publications

- *Contract Design*, August 1997
- *Santa Clara Valley Urban Runoff Pollution Prevention Program Annual Report*, Yahoo Headquarters - Highlighted Project, 2004



Autodesk Headquarters San Rafael, California

Completion: 1995
120,000 sf

Role: Principal-in-Charge

Glenn’s design for Autodesk’s three-story headquarters created a profound shift in corporate culture, from a totally closed office environment to one that is 95% open. The design began with a cold shell, adding mechanical and electrical systems, more energy efficient glazing, and even modifying the structure with a K-brace system. The headquarters’ social spaces include a multipurpose reception lobby and three-story atrium, a technologically sophisticated briefing center, a full-service cafeteria, and a fitness center. Fourteen conference rooms are designed for maximum flexibility.

Significant Publications

- *Forbes*, Autodesk on Forbes World’s Most Innovative Companies, 2014
- *Studiobaily*, The Fascinating Story of How Autodesk Came to Be, Peter Plantec, January 2012
- *Marin Independent Journal*, San Rafael - Based Autodesk Celebrates 30 Years in Business, Jessica Bernstein-Wax, May 2012
- *The Autodesk File: Bits of History*, Words of Experience, John Walker



Hewlett-Packard AGO Mountain View, California

Completion: 1995
125,000 sf

Role: Principal-in-Charge

HP’s American Geographics Operation supported sales and distribution for all North American operations. After leasing two building that were diagonal to one another, HP asked Glenn to find a solution to increase physical connectivity and collaboration. Glenn’s design introduces a diagonal connection that manifests as a covered walkway on the exterior and continues into the interior as a circulation spine. The spine forms the basis of distribution for the building infrastructure, including networking, mechanical/electrical distribution, and “neighborhoods” of teaming, concentrative, touchdown, and social workspace.

2.1 Glenn E. Bauer AIA, LEED AP Significant Work



ASK Computer Systems Headquarters Santa Clara, California

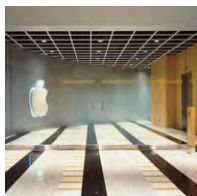
Completion: 1993
17 acres; 350,000 sf

Role: Principal-in-Charge

Glenn worked closely with ASK's founder to design a facility that supported both technical and business functions. The company had grown incrementally in a seven-story building, and the founder expressed a frustration that she "spent a lot of time in elevators." Glenn led the site selection of a campus site featuring a large single-story industrial building. He then designed an interior build-out that integrated ASK's engineers, administrative, and executive staff in one workplace organized by a plan based on the "city" analogy, with a main street, destination amenities, and task-oriented workspaces.

Significant Publications

- *CEO: Building a \$400 Million Company from the Ground Up*, Autobiography by Sandra Kurtzig with Thomas Parker, May 1994
- *Businessweek*, 50 Top Women in Business, Profile of Sandra Kurtzig and ASK Computer Systems, June 1992
- *ComputerWorld*, ASK Knocks on Standards Door, J.A. Savage, June 1990



Apple Torre II Cupertino, California

Completion: 1991
48,000 sf

Role: Principal-in-Charge

Apple's sales and marketing division, a highly collaborative group, was housed in a three-story building with odd, fragmented interiors. Glenn identified a need for flexible collaborative spaces that could morph as teams shifted. His innovative solution was to define the workspace with walls which housed utility connection points for open workstations. The workstations could then be easily reconfigured, as long as they touched the wall sections containing power and signal distribution.

Significant Awards, Honors & Recognition

- AIA Santa Clara Valley, Honor Award, 1991



Apple City Center Cupertino, California

Completion: 1988
363,000 sf

Role: Principal-in-Charge

Apple Computer asked Glenn to create an efficient, flexible environment for two mirror-image, eight-story buildings that would serve as the new home for sales, marketing, and software development staff. To encourage interaction between the buildings, Glenn designed a sky bridge that connected at two levels. His solution pays great attention to creating a variety of workspaces, including concentrative spaces as well as teaming spaces. Workstations are primarily open plan, with flexible furniture to accommodate regular changes in team composition.

Significant Publications

- *Silicon Valley Roots & Shoots*, Apple Cupertino Campus – The Mothership, David Lewis, April 2013

2.2

Glenn E. Bauer AIA, LEED AP

Significant Awards, Honors & Recognition

Airport Corporate Center-Bldgs E & F

- Tilt-Up Concrete Association, Tilt-Up Achievement Award, Office Category, 2002

Access Dental Headquarters

- Tilt-Up Concrete Association, Excellence in Achievement Award, Office Division, 2005
- McGraw-Hill Construction, Best of California, Office Category, 2005
- American Concrete Institute, Construction Award, Architecture Category, 2005

Apple Torre II

- AIA Santa Clara Valley, Honor Award, 1991

Bank of the West

- American Society of Interior Designers, Second Place, Retail Category, Design Excellence Awards, 1991
- AIA San Francisco, Award of Merit, 1990

Brocade Communications Systems

- International Interior Design Association Honor Awards, Notable Achievement, Work Big Category, 2011
- Ceramics of Italy Tile Design Competition, Commercial/Hospitality Category, 2011

Cadence Design Systems European Headquarters

- Her Majesty The Queen Officially Opened Cadence Design Systems' Livingston Design Center in Scotland as the First Building on the Alba Center Campus, June 30, 2000

Caltrans District Three Headquarters

- Precast Concrete Institute, Best Public/Institutional Building, 2010

Carneros Inn

- The American Institute of Architects, Excellence in Urban Design, 2007

Carpenters Pension Trust Fund Corporate Headquarters

- AIA Redwood Empire, Honor Award, Design Excellence, 1990

- AIA East Bay, Merit Award, Design Excellence, 1986

Center for the Arts Galleries and Forum at Yerba Buena Gardens

- AIA California Council, Award of Honor, 1995
- AIA San Francisco, Award of Honor, Interior Architecture Award, Design Excellence, Institutional, 1994

City of Benicia Fire Station

- AIA Redwood Empire, Merit Award, 1999

Dependable Heating & Air Conditioning Manufacturing Headquarters

- Tilt-Up Concrete Association, Outstanding Achievement Award, Manufacturing Division, 2004

Gray Cary Ware & Freidenrich, LLP

- California Construction Link, Best of California, Winner Bay Area Tenant Improvements, 2002

Guittard Chocolate Company

- Tilt-Up Concrete Association, Tilt-Up Achievement Award, Industrial and Manufacturing Category, 2003

Genentech Building 10

- California Construction, Best of the Best Industrial/Manufacturing Project in Northern California, 2007

Healdsburg City Hall

- AIA Redwood Empire, Merit Award, 1999

Hitachi America Limited

- Building Owners and Managers Association Building of the Year, 1991

Idea for Action, Kaosiung, Taiwan

- 2009 Finalist in the Masterplan Competition

Jack London Market, Site F1

- Design-Build Institute of America, Excellence Award, 2010

2.2

Glenn E. Bauer AIA, LEED AP Significant Awards, Honors & Recognition

The Jackson Laboratory, Bldg. 64

- Animal Lab News World Turnkey Conference, Facility of the Year Award, 2011

Juniper Networks

- Association of Briefing Program Managers, World Class Briefing Center Award, 2014
- *Silicon Valley Business Times*, Best Green Project / Innovative Design, Silicon Valley Structures Awards, 2013
- Ceramics of Italy Tile Design Competition, Honorable Mention, Commercial/Corporate Category, 2013

KPMG Peat Marwick

- DuPont Antron Award, Grand Prize Winner, 1998
- Cammy Award, Best Interior Design, Commercial Building, Sacramento Chamber of Commerce, Sacramento on the Go, 1991

Lawrence Berkeley National Laboratory, Building 74

- U.S. Green Building Council Northern California Chapter, Green Building Super Hero Award, Sustainable Neighborhood / Campus Award, 2013

Lawrence Livermore National Laboratory, Terascale Simulation Center

- Association for Computing Machinery, Gordon Bell Prize, 2013
- Presidential Medal of Technology and Innovation from President Barack Obama awarded to the Advanced Simulation and Computing Program housed in LLNL's Terascale Simulation Facility, Oct 9, 2009

Lawrence Livermore National Laboratory, National Ignition Facility

- Project Management Institute, Project of the Year, 2010

McGrath RentCorp

- AIA San Francisco Interior Architecture Awards, Best of the Bay and Beyond, 2000

MARRS Building

- *Sacramento Business Journal* "Real Estate Projects of the Year Awards," Best Project of the Year: Best Rehab/Renovation Project, 2007

Marin Health & Wellness Campus

- American Society of Heating, Refrigeration, and Air-Conditioning Engineers Technology Award, Health Care Facilities, Honorable Mention, 2011

Metropolitan Van & Storage

- Tilt-Up Concrete Association, Warehouse/Distribution Division, Achievement Award, 2014

Mountain View Corporate Center

- Association of South Bay Brokers, Industrial Project of the Year, 1988
- Mountain View Mayor's Award, Outstanding Projects and Programs which Enhance and Enrich the Community, 1988

Navis

- Shaw Contract Group, Design Is... Award, U.S. West/Mountain Region Category, 2013

New York Stock Exchange

- AIA Santa Clara Valley, Honor Award, 2001
- California Construction's Best of California Project Awards, Renovation Category, 2001

OCLI, Building 8

- Tilt-Up Concrete Association, Tilt-Up Achievement Award, Industrial and Manufacturing Category, 2002

Port of Oakland Headquarters

- American Society of Interior Designers, Second Place, Corporate Category, Design Excellence Awards, 1991
- *Interiors Magazine*, Best Office Design Awards, 1990

Resource Management International

- Cammy Award, Best Interior Design, Commercial Building Sacramento Chamber of Commerce, Sacramento on the Go, 1990

San Francisco Environment, City and County of San Francisco

- Sustainable Built Environment, Acterra Business Environmental Award, 2014

2.2

Glenn E. Bauer AIA, LEED AP

Significant Awards, Honors & Recognition

San Francisco Museum of Modern Art

- The Foundation for San Francisco's Architectural Heritage, Honor Award, Excellence in Architectural Conservation, 1989

San Jose Fire Station #1

- AIA Santa Clara Valley, Merit Award, 2001
- California Construction's Best of California Project Awards, Finalist, Government Structures Category, 2001
- Fire Chief's Station Style Awards, Honorable Mention, 2001

Shook, Hardy & Bacon Law Office

- International Interior Design Association Honor Awards, Notable Achievement, Work Big Category, 2012

Siemens ROLM Communications, Executive Briefing Center

- DuPont Antron, Honorable Mention, 1997

State of California, Department of Rehabilitation Headquarters

- Green Building of America Award, Featured in: Real Estate & Construction Review, Green Success Stories Edition, 2009

Sybase B-Trium

- International Interior Design Association, Interior Design Award, One of the Ten Best Projects in 1996, Interior Design Magazine, 1996
- AIA San Francisco, Award of Honor, Interior Architecture Award for Design Excellence, 1994

Temple Emanu-El

- American Society of Interior Designers, First Place, Restoration Category, Design Excellence Awards, 1991
- Foundation for San Francisco's Architectural Heritage, Honor Award for Excellence in Architectural Conservation, 1989

Vanir H. Frank Dominguez Memorial Building

- Tilt-Up Concrete Association, Tilt-Up Achievement Award, Office Division, 2010

Yahoo!

- AIA Santa Clara Valley, Honor Award, 2001
- Society for Environmental Graphic Design, Merit Award, 2002

2.3 Glenn E. Bauer AIA, LEED AP Significant Publications

435 Indio Way

- *Q Magazine*, The Registry, Phoenix Rising: As a template of sustainable achievement, an R&D building in Sunnyvale gets a new life, Q1 2014

Altera Headquarters

- *MarketWatch*, Altera Ranks Among Top 25 Greenest Companies in U.S., July 22, 2014
- *Newsweek Magazine*, #24 on 2014 Green Rankings, July 22, 2014
- *EE Times*, Altera Moves into New Corporate Headquarters, November 5, 2007
- *Computer History Museum*, The Silicon Engine: A Timeline of Semiconductor in Computers, 2006
- *Western Metal Architecture*, March/April 1999

AT&T Data Systems Group

- *Designers West*, February 1992

Adobe

- *San Francisco Planning and Research Association SPUR*, Shaping Downtown San Jose – The Quest to Establish an Urban Center for Silicon Valley, April 2013
- *Silicon Valley Business Journal*, Adobe to Pay \$25M for downtown San Jose Water Parcel, Sharon Simonson, April 2006

Agilent

- *Silicon Valley Roots & Shoots*, Agilent Technologies – The Real HP, David Lewis, April 2012
- *Creating Regional Wealth in the Innovation Economy: Models, Perspectives, and Best Practices*, Chapter 2 Agilent Technologies as the Poster Child of the Innovation Economy, Jeff Saperstein and Daniel Rouach, June 2002
- *New York Times*, New Connection to Agilent Technologies is Studied, March 2001
- *Los Angeles Times*, HP Plans Spin-Off, July 29, 1999
- *The Wall Street Journal*, Hewlett – Packard Spinoff to Take the Name Agilent Technologies, July 1999

Apple City Center

- *Silicon Valley Roots & Shoots*, Apple Cupertino Campus – The Mothership, David Lewis, April 2013

Autodesk

- *Forbes*, Autodesk on Forbes World's Most Innovative Companies, 2014
- *Studiobaily*, The Fascinating Story of How Autodesk Came to Be, Peter Plantec, January 2012
- *Marin Independent Journal*, San Rafael - Based Autodesk Celebrates 30 Years in Business, Jessica Bernstein-Wax, May 2012
- *The Autodesk File: Bits of History*, Words of Experience, John Walker

Ask Computer Systems Headquarters

- *CEO: Building a \$400 Million Company from the Ground Up*, Autobiography by Sandra Kurtzig with Thomas Parker, May 1994
- *ComputerWorld*, ASK Knocks on Standards Door, J.A. Savage, June 1990
- *Businessweek*, 50 Top Women in Business, Profile of Sandra Kurtzig and ASK Computer Systems, June 1992

Brocade Communications

- *San Jose Mercury News*, Brocade's New Campus Shows Company's Growth, and San Jose Redevelopment Effort, September 2010
- *Data Center Knowledge*, How Brocade Earned \$2 Million in Rebates, November 8, 2010

Bank of the West

- *Interior Design*, March 1991

Bernard E. Witkin Library (formerly Alameda County Law Library)

- *American Libraries*, April 1996

Cadence Design Systems Building 10

- *Electronic Design Automation EDACafe*, Opening of Cadence Building 10, February 2008
- *Forbes*, Chips and Biryani, Elizabeth Corcoran, April 2006

2.3

Glenn E. Bauer AIA, LEED AP Significant Publications

Cadence Design Systems European Headquarters

- *Winning the SoC Revolution: Experiences in Real Design*, "The Alba Project," Edited by Grant Edmund Martin and Henry Chang, 2003
- *EE Times*, Cadence Receives a Royal Visit, September 2000
- *PRNewswire*, Cadence Partners With Scottish Enterprise to Create Premier Location for Advanced Chip Design, December 2000
- *The Scotsman*, Technology: Scotland Creates Hi-Tech Revolution, October 2000
- *The Herald Scotland*, Project Alba Aims to Create a Global Hi-Tech Research Centre in Scotland, September 1998
- *Parliament of the United Kingdom House of Commons*, Select Committee on Scottish Affairs, Minutes of Evidence, The Alba Project, October 1998
- *Cyber Security & Information Systems Information Analysis Center*, Cadence Takes Its Design Factory Concept Global (Cadence Design Systems' Scottish Design Center May Be the First of Several Such Centers Around the World), October 1998
- *Electronic Business*, A Modern-Day Brigadoon (Cadence Design Systems Invests Heavily in Scottish Facility), Harbert Tam, December 1998

Cushman & Wakefield

- *Comstock's*, So Long, Corner Office: New floor plans focus on efficiency and collaborative space, April 2014

Genentech Building 10

- *East Bay Business Times*, Biotech Behemoth Leads Vacaville Boom, Jessica Saunders, February 2007
- *Chemical and Engineering News*, 'Casual Intensity' Defines Genentech: Blend of Serious Science and Serious Play Makes it the 'Best Place to Work', Sophie Rovner, October 2006
- *Site Selection*, Tight Schedule, Owned Site Spur Genentech's \$600M California Expansion, Jack Lyne, April 2004
- *The Oakland Tribune*, Schwarzenegger lures Genentech, Michael Marois, April 2004

Goodwill Industries

- *Interiors*, October 1996

Juniper Networks

- *Silicon Valley Business Journal*, Juniper Networks Cuts Campus Energy Use With Green Plan, September 27, 2013
- *PG&E Case Study*, Juniper Networks Pushes the Boundaries of Networked Energy Efficiency, September 2013

Knight Ridder Headquarters

- *Corporate Interiors No.4*, Roger Yee, Visual Reference Publications, 2002
- *Interior Design*, In the News, RMW designs Knight Ridder's New Silicon Valley Headquarters, July 2001

KPMG

- *Corporate Interiors No. 4*, 2002
- *OfficePro*, Offices of the Millennium, January 2000
- *Knowledge Management Magazine*, December 1999
- *Corporate Interiors No. 3*, December 1999
- *Metropolis*, November 1999
- *Real Estate Forum*, October 1999
- *Office Systems 99*, The Office of the Future, July 1999
- *Fortune*, April 1999
- *Interior Design*, January 1999

Lawrence Berkeley National Laboratory General Purpose Laboratory

- *American Society of Safety Engineers Workshop*, New Programs at LBNL: General Purpose Laboratory, Kim Abbott, DOE Office of Science, 2011
- *Sustainable Science at LBNL: A Living Laboratory for Carbon Reduction*, Presentation to Berkeley Lab Community Advisory Group, Blair Horst, CEM, PE and Melissa Summers, PhD, May 2011
- *The Berkeley Daily Planet*, LBNL: Move West Berkeley Biolabs to New Building on Hill, January 2009

Lawrence Livermore National Laboratory, Terascale Simulation Facility

- *America's Journal of Technology Commercialization*, Once a National Security Mandate, Now a National Asset, Innovation, 3rd Quarter 2014
- *DOE Pulse*, BlueGene/L Sets another Mark, A Department of Energy Publication, November 7, 2005

2.3

Glenn E. Bauer AIA, LEED AP Significant Publications

- *Power Engineering Society General Meeting*, Terascale Simulation Facility: Built for Flexibility, Scalability, and Reliability, 2005
- *Science & Technology Review*, Terascale Simulation Facility: Built for Flexibility, January/February 2005
- *Science & Technology Review*, From Seeing to Understanding: Livermore Computer Scientists are Revolutionizing the Ways Researchers Visualize Enormous Amounts of Supercomputer Data, November 2004
- *Science & Technology Review*, Strategic Supercomputing Comes of Age, June 2004

Letterman Digital Arts Center

- *The Guardian*, Inside the Star Wars Machine: Part Two, Keith Stuart, October 2010
- *Interior Design*, May the Force Be With You, Laura Kaiser, May 2007
- *Variety*, Design for Working – New Digital Arts Campus a Seamless Fit within Presidio, June 2005
- *Variety*, Building a Legacy, David Cohen, February 2005

Lucas Arts Entertainment

- *Contract Design*, October 1996

McGrath Rentcorp

- *San Francisco Examiner Magazine*, February 2000
- *www.office.com*, January 2000
- *Architecture*, May 1999
- *Western Metal Architecture*, January/February 1999

Marin Health & Wellness Campus

- *iGreenBuild.com*, Marin County's First LEED Certified Building, April 2010
- *Architect*, May 2009
- *Marin Independent Journal*, Civic Leaders Pleased with New San Rafael Health Campus, March 2009
- *San Francisco Business Times*, Creating an Urban Oasis, November 2008

Market Square (1355 Market) AKA Twitter Building

- *Architectural Record*, Urban Game Changer, February 2014
- *The Architect's Newspaper*, A Future for the Past, February 26, 2014
- *The View*, Pioneer Retail in Emerging Mid-Market Neighborhood, Q1 2014

- *New York Times*, Twitter Helps Revive a Seedy San Francisco Neighborhood, November 1, 2013
- *Inc. Magazine*, World's Coolest Offices, September 2012
- *Bloomberg*, Twitter Rent Surge Makes San Francisco Best Office Market, May 11, 2012
- *San Francisco Examiner*, Twitter's flocking into restored SF Mart site, April 11, 2012

One Tenth (875 Stevenson)

- *San Francisco Chronicle*, How Glass Skins are Remaking S.F. Buildings, John King, April 23, 2014

O'Reilly & Associates

- *The North Bay Business Journal*, November 2001

Palo Alto Medical Foundation

- *Healthcare Spaces No. 1*, 2001
- *Modern Healthcare*, 21st Annual Design and Construction Survey, March 2000

Pandell, Novich & Borsuk

- *Contract Design*, May 1998
- *Legal Management*, January/February 1996

PeopleSoft Corporate Campus

- *Contract Design*, People Who Need People, December 1999
- *Corporate Interiors No. 3*, Stanley Abercrombie, Watson-Guptill Publications, December 1999

Rio Kid Klub

- *Interiors & Sources*, May 1998

Rutherford Boland Group

- *Interiors & Sources*, October 1998

San Jose Fire Station #1

- *Fire Chief Magazine*, November 2001
- *Architectural Record*, Web Edition, 2001

2.3

Glenn E. Bauer AIA, LEED AP Significant Publications

San Leandro Tech Campus

- *San Francisco Business Times*, Westlake to build San Leandro tech campus of up to 500,000 square feet (Video fly-through by RMW), April 8, 2014
- *San Francisco Business Times*, San Leandro opens arms to development, April 25, 2014

Stanford National Accelerator Laboratory Research Support Building (SLAC)

- *SLAC Today*
 - Building 52 Construction Nearly Complete, March 6, 2013
 - Seen Around SLAC: Beam Time at the RSB, April 4, 2012
 - RSB on the Rise, February 22, 2012

Stanford Linear Accelerator Center Laboratory Research Science & User Support Building (SLAC)

- *SLAC Today*
 - Design, Cost for Science and User Support Building Recommended for Approval, April 11, 2012
 - Stanford Trustees Give Site OK for SLAC Science and User Support Building, February 15, 2012

Sybase A-Trium Engineering Center

- *San Francisco Business Times*, Aged Structure Fetches Top Dollar in 21st Century Market, Katherine Conrad, July 2005
- *Interior Design*, Warehouse Works, Edie Cohen, November 1996

Sybase B-Trium Engineering Center

- *Contract Design*, August 1997

Sybase Corporate Headquarters

- *PG&E Case Study*, Sybase Headquarters Data Center Saves Energy, 2006
- *NTSE Magazine*, The Chen Project, March/April 2002
- *Around Dublin 2.0*, Goodbye Sybase, Hello SAP, 2012
- *PRNewswire*, Sybase to Move Corporate Headquarters to Dublin, California, May 2000

The Wharton School

- *Contract*, February 2003

Yahoo! Headquarters

- *Green Teams*, Engaging Employees in Sustainability, Deborah Fleischer, President Green Impact, 2009
- *An Inside Look At Corporate Giants*, Timothy Allard, 2006
- *Santa Clara Valley Urban Runoff Pollution Prevention Program Annual Report*, Yahoo Headquarters - Highlighted Project, 2004
- *PG&E Case Study*, At Yahoo!, the Possibilities Are Endless, 2004

Yerba Buena Gardens/Center for the Arts

- *Details in Architecture*, Images Publishing (Australia), June 1999

2.4 Glenn E. Bauer AIA, LEED AP Community Leadership



Glenn Bauer has served on the Board of Governors for the Boys and Girls Clubs of San Francisco for 16 years, including 12 years as the Building Committee chair. While serving on the Board, he was instrumental in the development and implementation of a Facilities Strategic Plan, the planning and fundraising for three significant new buildings and major renovations, and leading the organization toward the adoption of a long-range infrastructure improvement plan. Glenn's impact on the organization was recognized when he received the Board Member of the Year award in 2009 and Committee Chair of the Year in 2013.

Since 1891, the organization's mission has been to enable all young people, especially those in the under-served neighborhoods, to reach their full potential as productive, caring, and responsible citizens. The BGCSF now has nine Clubhouses located in neighborhoods with the fewest resources, plus Camp Mendocino, a residential summer camp in Mendocino County.

Glenn's first contact with BGCSF was when he was hired to design the renovation of a Clubhouse in the Mission district. Because of his expertise with design and construction and his commitment to improving kids' lives, Glenn was invited to join the Board. During his tenure, he has worked pro bono with BGCSF staff and the Board of Governors to enhance the programs and services offered to young people, modernize their facilities, and expand the reach of the Clubs. Over this period, the total youth served by the Boys & Girls Clubs has risen from 7,000 to 16,700.

"Boys & Girls Clubs of San Francisco, members and their families owe Glenn Bauer a debt of gratitude. He has been a tenacious leader and advocate, giving generously of his time, significant talent, and financial resources. A gracious and thoughtful man in all that he does, Glenn's volunteer service with BGCSF for the past 16 years will have an impact in San Francisco for the next 60 years, at least."

*— Rob Connolly, President
Boys and Girls Clubs of San Francisco*

Glenn's impact can be seen in the following areas:

Strategic Plan: 2011-2014: Glenn led the development of the Facilities component of the Strategic Plan, which identifies goals and tasks necessary to support high-quality buildings and facilities to support the programs of the organization.

Expanding Their Reach: Glenn has overseen important new and renovation projects at a number of Clubhouses and Camp Mendocino, helping the organization expand into new neighborhoods. Highlights of his contributions include:

- **2005:** The BGCSF signed a historic partnership agreement with the City to establish a new Hunter's Point Club – the ninth city Clubhouse. Glenn was instrumental in negotiations with the City Attorney's Office on the agreement.
- **2008:** Grand Opening of Willie Mays Boys & Girls Club at Hunters Point, serving more than 200 children per day and featuring a multimedia technology center, art studio, teen center, games room, community room, full-size gym, and many educational programs.
- **2008 – 2012:** Glenn participated in the Brighter Futures Capital Campaign, which funded four construction projects, infrastructure improvements, new program offerings, and long-term sustainability.
- **2010:** Opening of the Mission Clubhouse, a state-of-the-art, 15,000-square-foot facility.
- **2012:** San Francisco Board of Supervisors vote 11-0 in favor of selling BGCSF a parcel of land for a new clubhouse in the Hayes Valley neighborhood, close to the Civic Center. The project broke ground in late 2013.
- **2006 – 2013:** Renovations to Camp Mendocino including several cabins for resident counselors, seven new camper bathrooms and a new canteen and infirmary.
- **Early 2015:** Opening of the new Don Fisher Clubhouse and staff offices for the BGCSF organization, expected to serve nearly 2,000 youth annually, ages 6-18, with an average daily attendance of 190, meeting the needs of at-risk youth.



Yahoo! Headquarters
Sunnyvale, California



Altera Headquarters
San Jose, California



Sybase Headquarters
Dublin, California



**Lawrence Livermore National Laboratory
Terascale Simulation Facility**
Livermore, California



Genentech Building 10
Vacaville, California



Cadence Design Systems Headquarters
San Jose, California



**Stanford National Accelerator Laboratory
Research Support Building (SLAC)**
Menlo Park, California



Architecture Firm of Record: RMW architecture & interiors
Design Firm: RMW architecture & interiors
Completion Date: 2001
Role of Nominee: Principal-in-Charge

Synopsis:

Yahoo!, the multinational Internet corporation, was operating out of two dozen industrial tilt-up buildings throughout Silicon Valley when they purchased a 37-acre site for a headquarters campus in 1999. The challenge was to create a campus that would embody the Internet company's young, energetic work culture while planning for a future of enormous staff expansion, on a very fast schedule.

Glenn instituted a "total immersion" design approach to ramp up the project quickly and assimilate Yahoo!'s work culture. For the first six months, the design team met two to three times a week, working from a "Big Room" on the campus. The intensive visioning and programming process, which involved Yahoo!'s two hands-on founders, revealed the need for a variety of workspace types, including open social lounges, solo concentrative work space, and touchdown workspaces. The design team's innovation was to zone these all within the office floor along central spines of circulation.

Glenn designed the 806,000 sf campus, unlike anything else in Silicon Valley at the time, to embrace and support a holistic work/life approach, with elements that draw from the hospitality industry. Open workstations are interspersed with "landmark commons" social lounges. The restaurant-grade cafeteria features walls that open like garage doors to take advantage of the mild climate. The landscaped grounds feature courts for volleyball and basketball. All of these elements foster the sense of identity and community so vital to successful workplace collaboration.

While the floor plates are large to solve Yahoo's goal of trying to locate as many staff as possible together, Glenn incorporated several strategies to bring daylight into the interiors. Each of the office buildings have notches or courtyards cut into the form that provide usable outdoor space but also become a source of natural light for the interior offices. These sources of natural light are coupled with

heavily used central communicating stairs that run the height of the building, connecting to social lounges and encouraging spontaneous interaction. The two-story cafeteria has abundant natural light, since two of the enclosing walls are entirely glass.

Located adjacent to a protected wetland habitat and the San Francisco Bay beyond, the campus incorporates water conservation and sustainable strategies which were ahead of their time. All storm-water and surface runoff is treated on-site through a system of sand and organic filters as well as sedimentation chambers.

The project received LEED Gold O+M certification.

Awards

- AIA Santa Clara Valley Design Awards, Honor Award, 2001
- Society for Environmental Graphic Design, Merit Award, 2002

Publications

- *Deborah Fleischer (President Green Impact), Green Teams, Engaging Employees in Sustainability, 2009*
- *An Inside Look At Corporate Giants, Timothy Allard, 2006*
- *Santa Clara Valley Urban Runoff Pollution Prevention Program Annual Report, Yahoo Headquarters - Highlighted Project, 2004*
- *PG&E Case Study, At Yahoo!, The Possibilities Are Endless, 2004*

Declaration of Responsibility

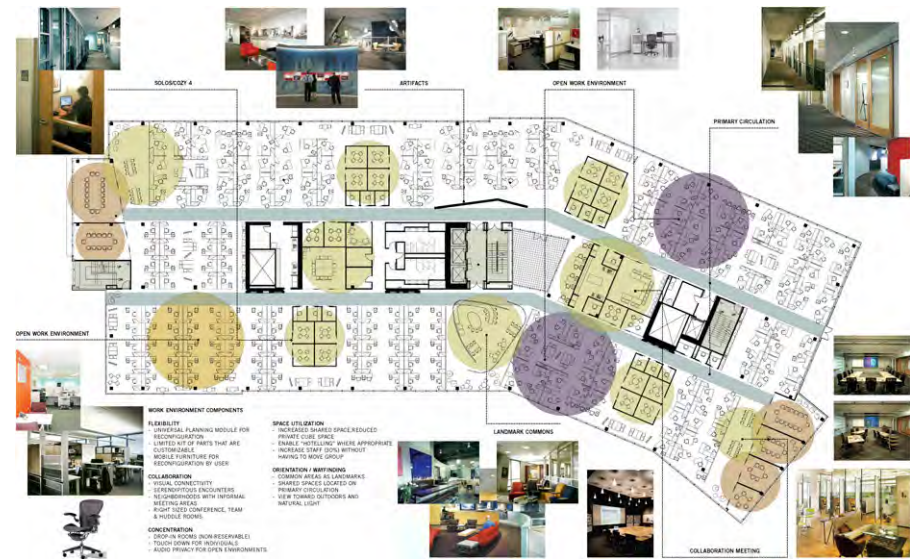
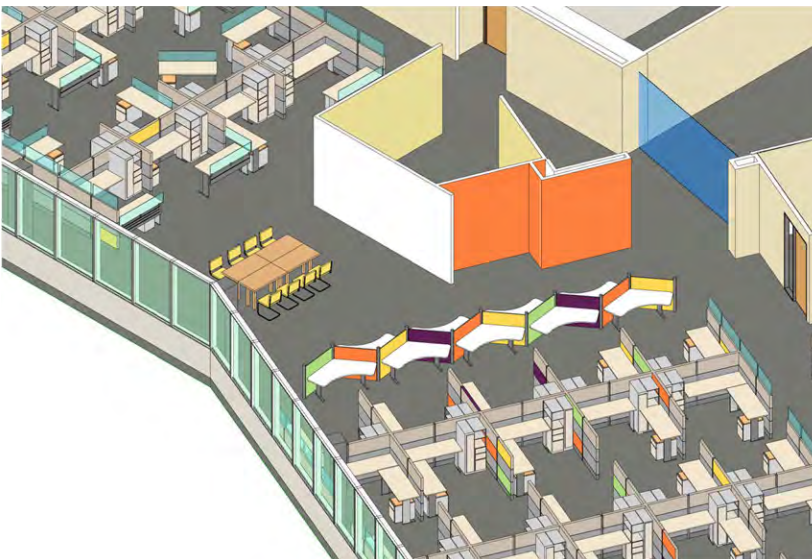
I have personal knowledge of the nominee's responsibility for the project listed above. That responsibility included:

Project under Direction of Nominee – Principal-in-Charge

Thomas B. Gerfen, FAIA
Chairman, RMW architecture & interiors



The competition for engineering talent led Yahoo! to provide an amenity rich environment with recreation courts and a site plan which links to the Bay Trail along San Francisco Bay.



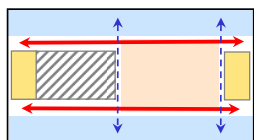
Workplace guidelines were developed to promote collaboration.



Features to promote interaction and collaboration extend beyond office areas to common facilities.



Recesses bring natural light to the building interiors.



■ Primary Circulation
■ Secondary Circulation
■ Vertical Circulation/Exit

Circulation hierarchy diagram

Architecture Firm of Record: RMW architecture & interiors
Design Firm: RMW architecture & interiors
Completion Date: 1997
Role of Nominee: Principal-in-Charge

Synopsis:

With operations scattered in leased office space throughout Silicon Valley, Altera needed to consolidate and unify its workforce. The company purchased 27 acres in San Jose, but lacked direction for how to create a campus appropriate for a worldclass hardware engineering firm.

Glenn led a master planning and programming design effort that helped Altera identify the new campus as an opportunity to evolve its engineering-heavy workplace toward greater flexibility and collaboration. Focusing the company's goals led to a master plan of four buildings totaling 508,000 square feet connected by pedestrian bridges. The bridges provide a functional connection between groups but also, if ever removed, allow the buildings to operate independently – a real estate “exit strategy.”

To meet the goal of flexibility, Glenn worked closely with the design team's structural engineer to synchronize the structural system with the workplace module. The structural spans are optimized to provide a large expanse of column-free interior space, and all seismic bracing is located around the central core elements of the building. The resulting open floor plates allow workstations to be set up in “neighborhoods” that encourage collaboration and can be easily reconfigured.

Glenn's design for the campus set standards for high-tech engineering workplaces that still apply today, including:

- Large, open floor plates, which allow teams of 50-60 people to reconfigure as product development needs change;
- Individual workstations designed to be adaptable to each employee's work task needs;

- Integrated campus amenities which support work/life balance and employee recruitment and retention, including a restaurant-grade cafeteria, game room, auditorium, and fitness center;
- Landscaped grounds, which provide a retreat for staff and visitors;
- Inclusion of an on-site test manufacturing center, where engineers can rapidly prototype new products.

The forward-thinking work environment at Altera presaged similar approaches by high-tech companies, and an industry-wide shift toward flexible work spaces.

Publications

- *MarketWatch Website*, Altera Ranks Among Top 25 Greenest Companies in U.S., July 22, 2014
- *Newsweek Magazine*, #24 on 2014 Green Rankings, July 22, 2014
- *EE Times*, Altera Moves into New Corporate Headquarters, November 5, 2007
- *Computer History Museum*, The Silicon Engine: A Timeline of Semiconductor in Computers, 2006
- *Western Metal Architecture*, March/April 1999

Declaration of Responsibility

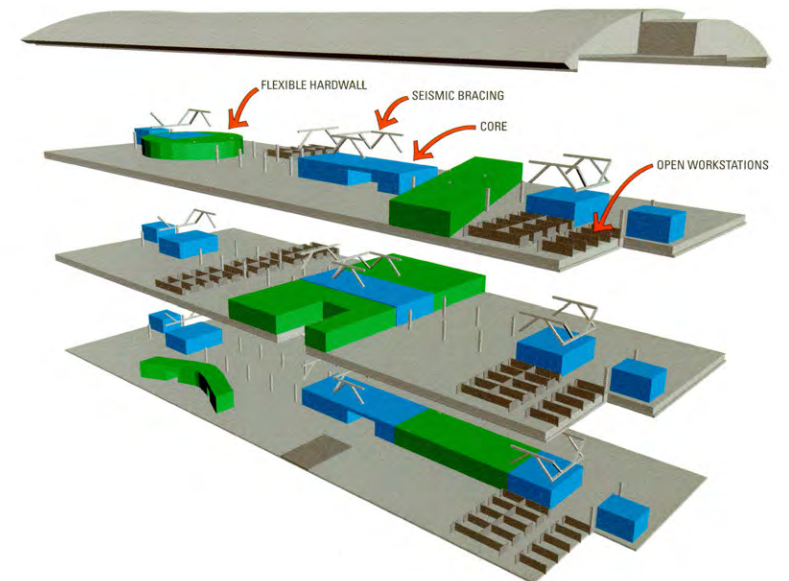
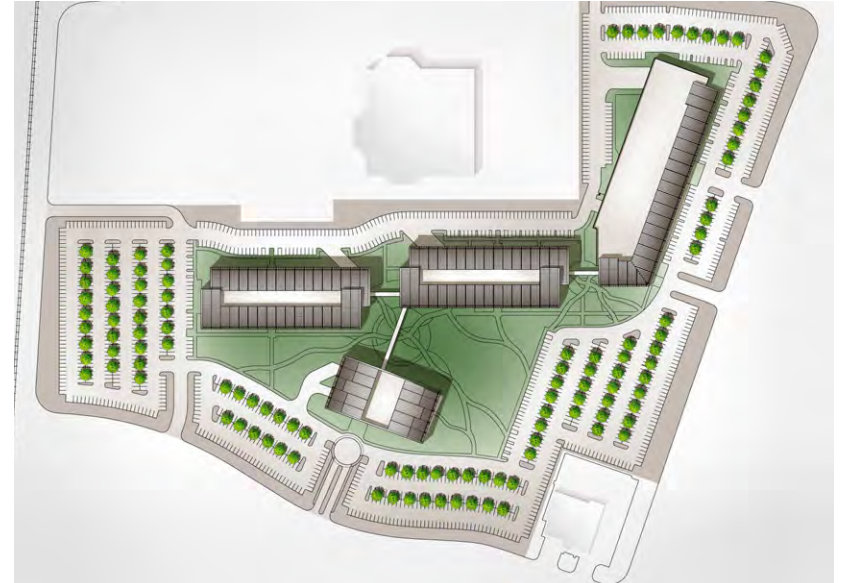
I have personal knowledge of the nominee's responsibility for the project listed above. That responsibility included:

Project under Direction of Nominee – Principal-in-Charge

Thomas B. Gerfen, FAIA
 Chairman, RMW architecture & interiors



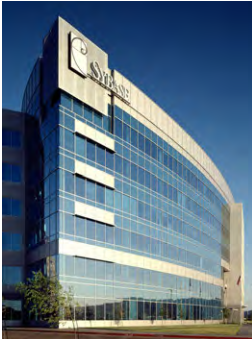
Large open floor plates allow teams of 50-60 people to reconfigure as product development needs change.





Integrated campus amenities support work/life balance, employee recruitment and retention.





Architecture Firm of Record: RMW architecture & interiors
Design Firm: RMW architecture & interiors
Completion Date: 2002
Role of Nominee: Principal-in-Charge

Synopsis:

Glenn had provided Sybase with architectural services for more than a decade when an expanding market, anticipated growth, and the desire to provide a higher-quality work environment convinced the global software company that the time was right to leave multiple buildings in Emeryville for a new, 14.5 acre consolidated headquarters campus in Dublin. Glenn led a design team that provided programming, master planning, and architectural and interior design services for the new campus.

The campus master plan coincided with the City of Dublin's efforts to strengthen pedestrian links to its downtown. Major developments at key intersections, such as the Sybase campus, were seen as important opportunities to reinforce the future urban character of the town. Glenn provided a link between the City and Sybase and designed a plan that creates a large public "room" at the corner where the Sybase campus intersects the major arterial, using the campus' two six-story buildings to carve out a publicly accessible one-acre open space.

The design process became an opportunity to examine how the built environment supported the engineering work style at the company, a critical goal established by the CEO of the company, who told the design team, "you can't fake engineering." The engineers often talk about "being in the zone" — the intense concentration that is needed to compose code — but innovation is frequently sparked not in isolation but through collaboration. Glenn was able to drive the users toward a program that used open office workstations and rich amenities to encourage social interaction, but also emphasized individual control over workstation elements such as light and acoustics.

In Glenn's solution, engineering teams are clustered horizontally and vertically around a 30,000 sf data center where the servers used by the engineers reside. The proximity is important to reduce latency

and signal degradation caused by cable run over 100 meters. Justifiably proud of the server facility, the CEO asked that it become a showcase for the campus. A second-story bridge between the buildings links the facility to the executive briefing center located in the adjacent building.

Publications

- *PG&E Case Study*, Sybase Headquarters Data Center Saves Energy, 2006
- *NTSE Magazine*, The Chen Project, March/April 2002
- *PRNewswire*, Sybase to Move Corporate Headquarters to Dublin, California, May 2000

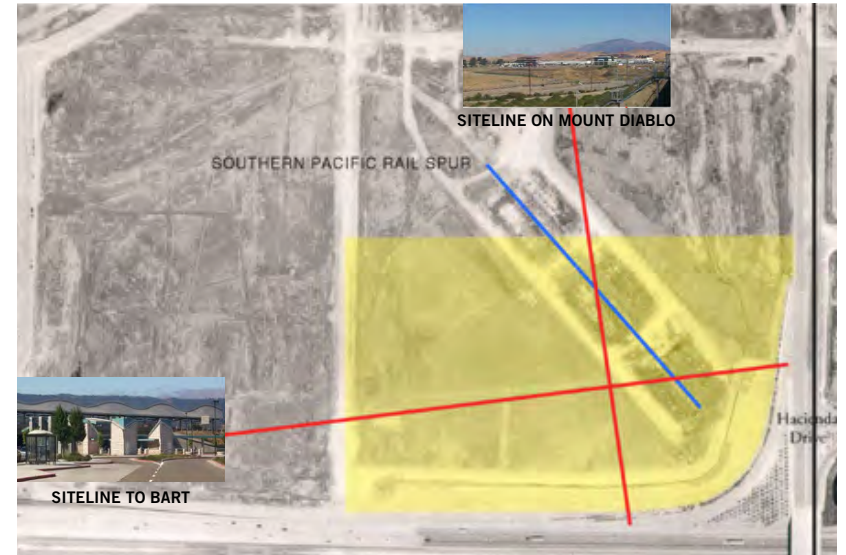
"The grand opening of our new headquarters appropriately demonstrates Sybase's continued growth, momentum and profitability over the past years. By developing a world-class work environment for our employees, we provide an atmosphere that promotes continued innovation and success."

— John Chen, Chairman, President,
and Chief Executive Officer, Sybase

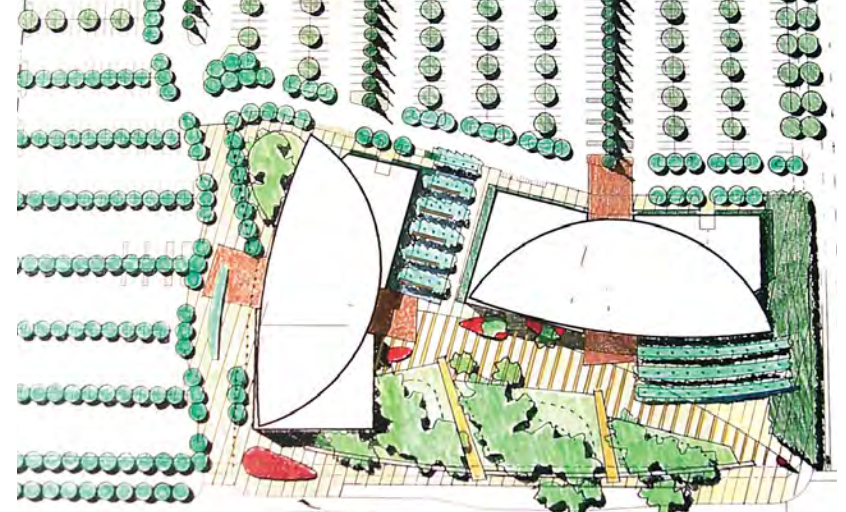
Declaration of Responsibility

I have personal knowledge of the nominee's responsibility for the project listed above. That responsibility included:
Project under Direction of Nominee – Principal-in-Charge

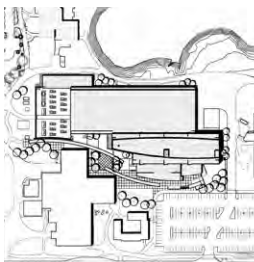
Thomas B. Gerfen, FAIA
Chairman, RMW architecture & interiors



The Sybase headquarters represents a shift in this software company's attitude about the workplace from one and two-story structures to midrise buildings.



The program for the campus was divided into two buildings – one building housing engineering functions and a data center and a second building for administrative and common uses.



Architecture Firm of Record: RMW architecture & interiors

Design Firm: RMW architecture & interiors

Completion Date: 2004

Role of Nominee: Principal-in-Charge

Synopsis:

When RMW was hired by Lawrence Livermore National Laboratory (LLNL) to create a home for the world's most powerful supercomputer, LLNL leadership wanted to adopt some of the alternative workplace strategies that had been so successful for private Silicon Valley tech companies. With the new Terascale Simulation Facility (TSF), LLNL sought to increase collaboration among scientists, to "future proof" the computer and workspaces by building in flexibility, and to achieve LEED certification.

Glenn identified several challenges. While scientists work in groups to run the complex simulations that the supercomputer is capable of, their work is often high-security, and access to this research must be limited. Sustainability goals would be difficult to achieve, because the supercomputer uses an enormous amount of energy to regulate its internal temperature.

Glenn's design for the 268,000 sf TSF is arranged in two wings. The heart of the project is a 50,000 sf raised-floor computer area with associated simulation labs. A parallel four-story tower provides office and research space for nearly 300 scientists and includes a visualization theater for unclassified presentations, a second visualization theater for classified reviews, and an operations hub. Workspace is open and flexible, prioritizing access to daylight and a division of teaming space versus concentrative spaces.

Glenn led design innovations that resulted in substantial energy savings and LEED Gold certification: to orient the computer floor like an upside-down clean room, with HVAC occupying the floor underneath. Twenty-four air handling units with a combined capacity of 1.3 million CFM blow cool air up to the second-level machine room, where it is recaptured and forced into 13-foot-tall return-air plenums for recirculation, or exhausted depending on the air temperature. Above this ground-level 16-foot equipment space is a steel structure

supporting a four-foot raised floor and 110-foot-long roof trusses to provide column free space for the computers, so that they can be easily accessed and technology updated as needed. A one-of-a-kind facility that did not match up with any of the typical LEED building type models, TSF required a unique research and calculation package to prove to the U.S. Green Building Council that it was worthy of LEED Gold status.

Awards

- Association for Computing Machinery, Gordon Bell Prize, 2013
- Presidential Medal of Technology and Innovation from President Barack Obama awarded to the Advanced Simulation and Computing Program housed in LLNL's Terascale Simulation Facility, Oct 9, 2009
- No. 1 ranking on the industry standard Top500 list of the world's fastest supercomputers seven times running over three years (November 2004 to June 2008)

Publications

- *America's Journal of Technology Commercialization*, Once a National Security Mandate, Now a National Asset, Innovation, 3rd Quarter 2014
- *DOE Pulse*, BlueGene/L Sets another Mark, A Department of Energy publication, November 7, 2005
- *Science & Technology Review*, Terascale Simulation Facility: Built for Flexibility, January/February 2005

Declaration of Responsibility

I have personal knowledge of the nominee's responsibility for the project listed above. That responsibility included:

Project under Direction of Nominee – Principal-in-Charge

Thomas B. Gerfen, FAIA
Chairman, RMW architecture & interiors

"The architects did a good job. The program is pleased with Terascale Simulation Facility. We have a great deal of flexibility to handle different technologies that will come our way... TSF should accommodate anything that will be in the marketplace for a long time to come."

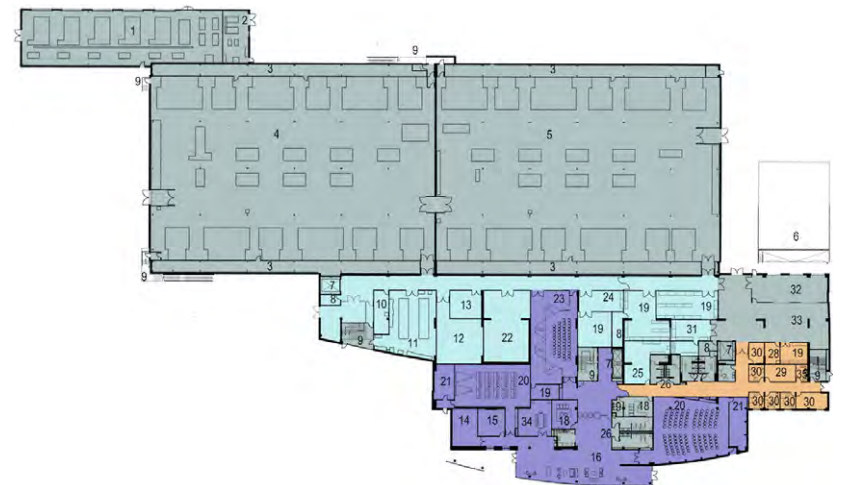
— Barbara Atkinson, Associate Deputy Head of ICCD and the TSF construction liaison for the ASC Program

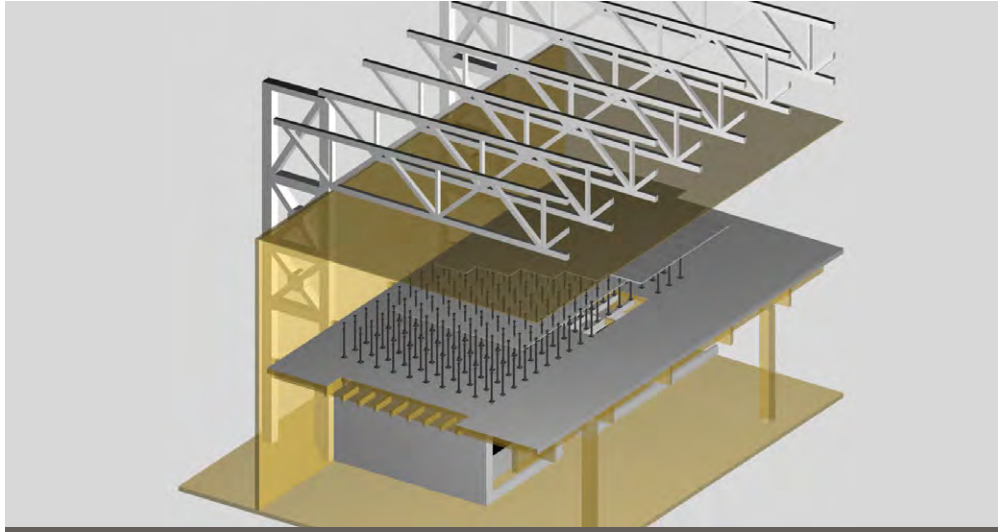
"With the opening of this building, we are much closer to making that promise (computer system that can process 100 teraops) a reality. Once completed, (this building) will represent an improvement in computing power by a factor of over one million..... success will be the fulfillment of that very ambitious goal."

— Spencer Abraham, United States Department of Energy Secretary at TSF ribbon cutting ceremony

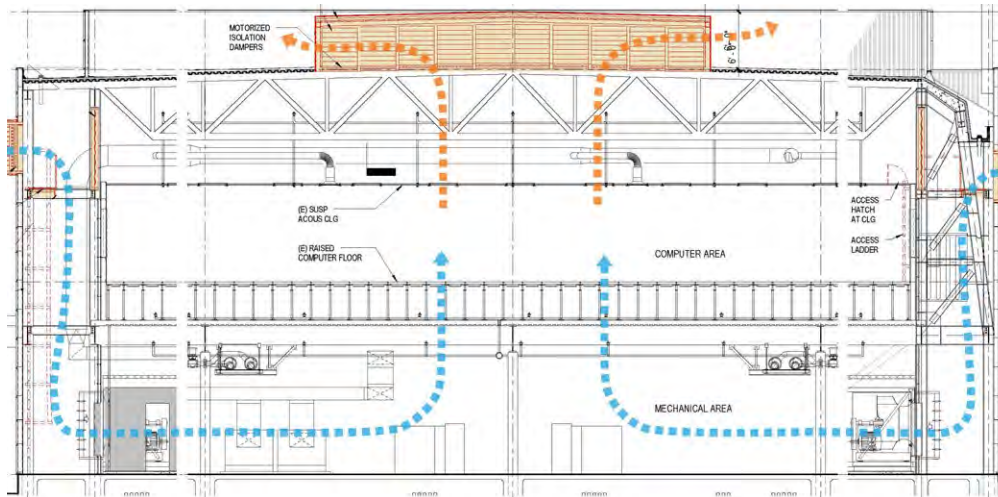


TSF is designed as two wings – A 50,000-square-foot computer facility and a four-story office building for scientists and researchers.

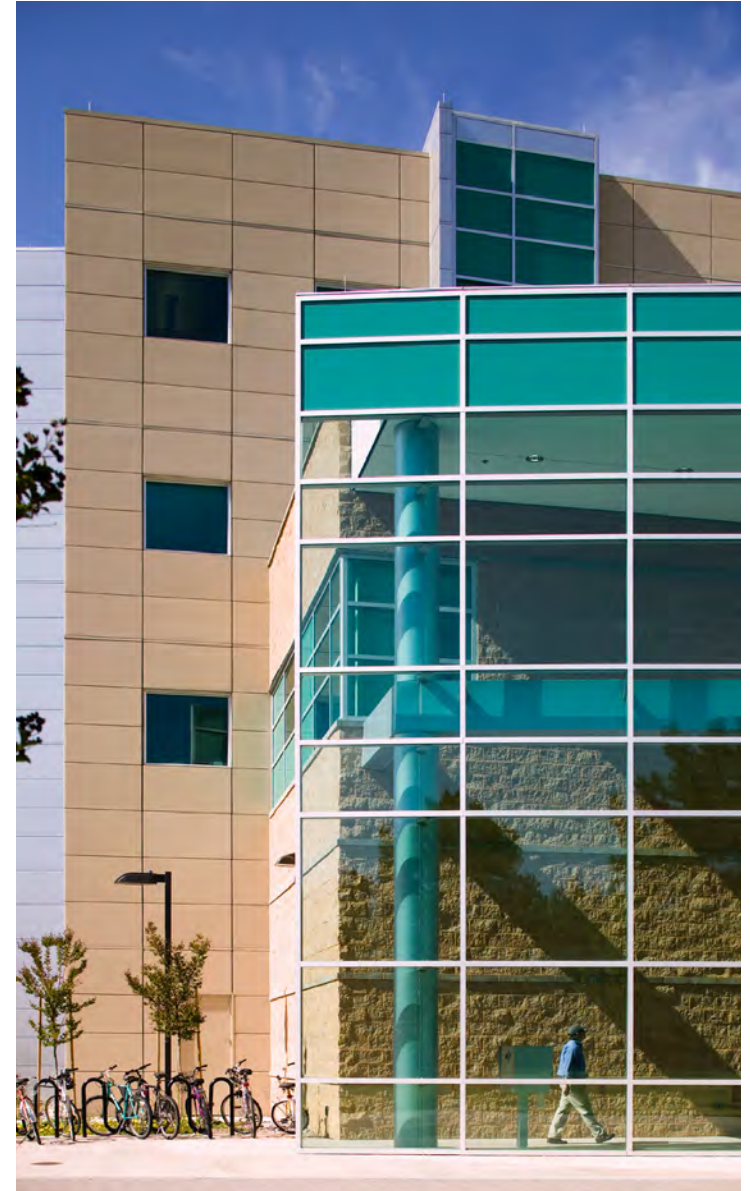




Above the ground Level I mechanical area is a four-foot raised floor and 110-foot-long roof trusses to provide column free space.



The 110-foot clearspan provides flexibility for siting the buildings' supercomputers. Cooling is from the ground floor area – an 'upside down' clean room.





Architecture Firm of Record: RMW architecture & interiors

Design Firm: RMW architecture & interiors

Completion Date: 2006

Role of Nominee: Principal-in-Charge

Synopsis:

Research and manufacturing at Genentech's Vacaville site centers on protein-based drugs, the fastest-growing class of drugs for the treatment of infectious, inflammatory, and cardiovascular diseases. Growth happened so quickly at the 100-acre campus that staff were housed in temporary trailers, and little thought had been given to service and delivery flows.

Glenn was engaged to master-plan the site, then program, plan, and design the next phase of construction. He determined the need for a new mission-critical building that would expand lab and administrative capacity while also providing a central campus cafeteria, training, and meeting space. At 135,000 square feet, the new building plugs right into the existing campus by continuing the same vocabulary of design elements. A deep notch in the façade features a three-story glass curtainwall and defines the arrival and entry experience.

Labs in the new building support cell culture fermentation and recovery and include a media prep room, cold room, centrifuge room, and autoclave room. In addition, a 3,500-square-foot data center serves as a backup to Genentech's main data center in Redwood City.

Since this is predominately a manufacturing campus, it was vitally important to route the extensive service infrastructure from the central utility plant to the new building, as well as enable efficient and safe movement of supplies and product through the campus. With his project engineers and Genentech's site staff, Glenn developed a central spine for circulation between all the buildings on campus that also serves as the primary distribution of utilities overhead. Space-time studies showed the client how the placement of the building, spine, and new elements impacted manufacturing, delivery, and administrative functions on campus.

The new building also houses the campus' site manager and administrative staff. To support these users, Glenn led the design of an open office environment augmented with closed collaborative spaces.

The focal point of the project is a 10,000 sf full-service cafeteria that has a two-story ceiling height and is enclosed with a full-height aluminum and glass curtain wall. This corporate cafeteria supports the creation of a campus culture that was lacking, an innovation adapted from Glenn's experience with Silicon Valley technology campus designs that support work/lifestyle balance.

Awards

- California Construction, Best of the Best Industrial/Manufacturing Project in Northern California, 2007

Publications

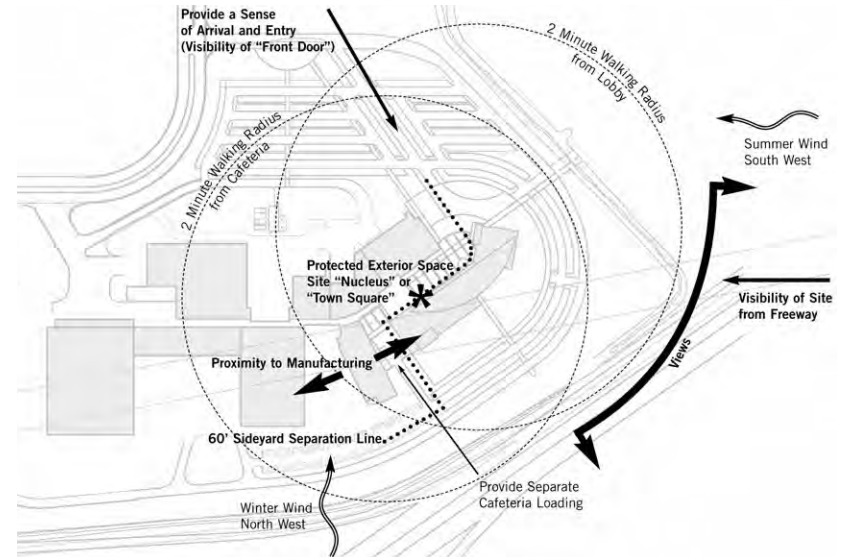
- *East Bay Business Times*, Biotech Behemoth Leads Vacaville Boom, Jessica Saunders, February 2007
- *Chemical and Engineering News*, 'Casual Intensity' Defines Genentech: Blend of Serious Science and Serious Play Makes it the 'Best Place to Work', Sophie Rovner, October 2006
- *Site Selection*, Tight Schedule, Owned Site Spur Genentech's \$600M California Expansion, Jack Lyne, April 2004
- *The Oakland Tribune*, Schwarzenegger Lures Genentech, Michael Marois, April 2004

Declaration of Responsibility

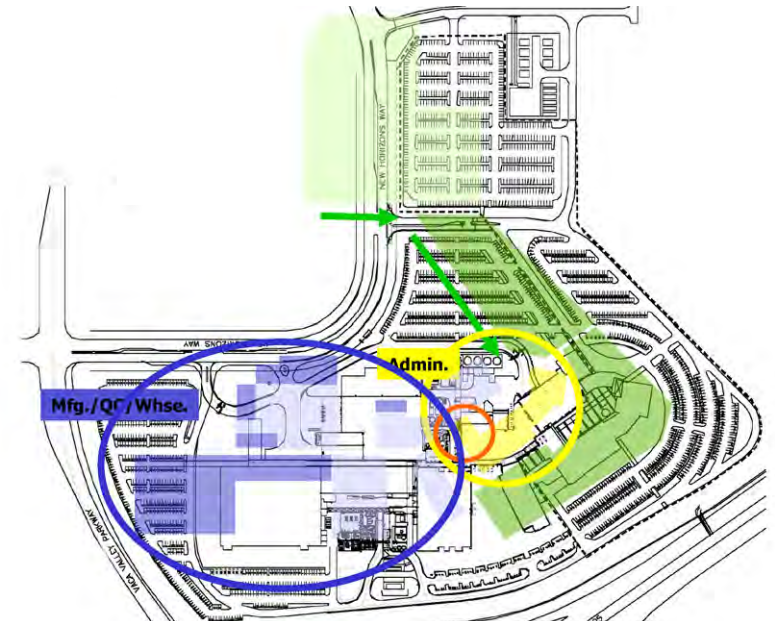
I have personal knowledge of the nominee's responsibility for the project listed above. That responsibility included:

Project under Direction of Nominee – Principal-in-Charge

Thomas B. Gerfen, FAIA
Chairman, RMW architecture & interiors



Interior circulation and utility spine links new and existing structures on campus.





Architecture Firm of Record: RMW architecture & interiors

Design Firm: RMW architecture & interiors

Completion Date: 2008

Role of Nominee: Principal-in-Charge

Synopsis:

Glenn led Cadence, a developer of software and design tools for the microelectronics industry, through a master planning process for their new 17-acre site in San José. The site had several existing buildings, but Glenn recognized that it lacked the unified feel and linkages that would mark it as a true campus.

Part of Glenn's solution was to create a new "front door" building that would anchor the campus and embody Cadence's brand. The 200,000 sf, five-story building houses the company's engineers, product development labs, a cafeteria, and a 173-person sloped-floor auditorium. The design responds to Cadence's goals, which included the:

- Creation of a facility that supported Cadence's emerging "systems on a chip" design business;
- Promotion of a sense of unity, communication, interaction, and collaboration;
- Use of the facility as a prototype of a new workplace approach to increase employee effectiveness and productivity;
- Increase of security and confidentiality;
- Provision of amenities and linkages to integrate with the remainder of the existing campus.

With Glenn's guidance, Cadence undertook an extensive workplace analysis of how engineers spend their day: Writing code, general computer use, emailing, spontaneous and formal meetings, etc. The analysis led to "Flex Space," a way for R&D to make better use of their workplace and tools. The Flex Space plan incorporated teaming and social spaces located at the perimeter of the workspace, with concentrative spaces woven in.

Parallel to the development of the workplace, the building was taking shape. Glenn and his team studied structural modules, placement of

core elements, floor-to-floor heights, distance-to-perimeter natural lighting, and the arrangement of space to maximize the effectiveness of the workplace guidelines development. To test the ideas, a series of mock-ups were developed and used around campus. Following the successful implementation in the new engineering building and renovation of the remainder of the San José campus for Cadence, Glenn led design efforts for the company worldwide, including campus designs in India and Scotland.

Publications

- *Electronic Design Automation EDACafe*, Opening of Cadence Building 10, February 2008
- *Forbes*, Chips and Biryani, Elizabeth Corcoran, April 2006

"Growth requires innovation, and innovation requires not just creative minds, but also the right environment and atmosphere to stimulate fresh ideas and thinking. I can't think of a better place than (Building 10) to conjure up solutions to some of our complex challenges. There are many sites – the cafeteria, the sky deck – for ad hoc meetings to take place, and this has already resulted in several productive brainstorming sessions which have sparked ideas for better collaboration and synergy."

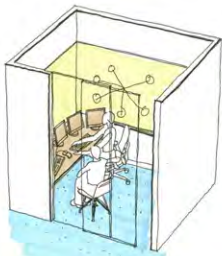
— Nimish Modi, Senior VP of R&D,
Cadence Design Systems
speaking at the ribbon cutting of Building 10, July 2008

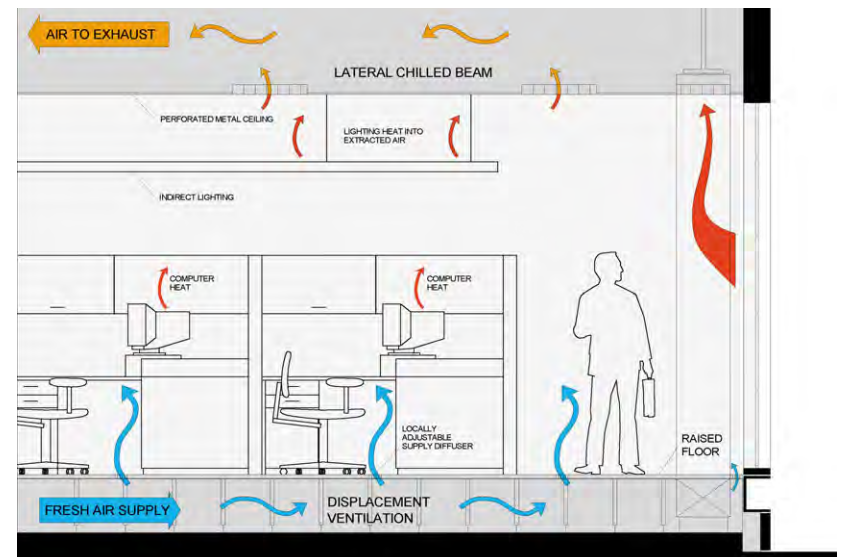
Declaration of Responsibility

I have personal knowledge of the nominee's responsibility for the project listed above. That responsibility included:

Project under Direction of Nominee – Principal-in-Charge

Thomas B. Gerfen, FAIA
Chairman, RMW architecture & interiors





The master plan created a new "Front Door" to the campus coupled with a new engineering center for the company.



Architecture Firm of Record: WRNS Studio
Design Firm: RMW architecture & interiors
Completion Date: 2013
Role of Nominee: Principal-in-Charge for Design

Synopsis:

Stanford's two-mile-long linear accelerator – the longest linear accelerator in existence – is a tool that draws researchers from around the world. The new 65,000 sf Research Support Building was conceived to co-house Accelerator Directorate and U.S. Department of Energy staff for greater collaboration and combined administrative support.



SLAC initially asked Glenn and his team to take a comprehensive view of workplace conditions on the campus. Glenn engaged a representative group of scientists, senior researchers, and campus support groups in a series of programming workshops. The design team visited existing office, research, and support spaces on campus to understand the current work environment, noting patterns of use and behavior. Glenn identified the need for spaces that would encourage spontaneous interaction between departments, as well as enclosed collaboration rooms.



While the workplace design guidelines were incorporated into a manual to be used campus-wide, it was decided that the Research Support Building would be the beta test of the new standards. To embody the spirit of “One Lab” that drives SLAC’s culture, the building features a central communicating stair housed in an open atrium. Open workspace is designed to be flexible so that employees who work on similar projects can co-locate, encouraging collaboration. For heads-down, secure work, the open workspace is complemented by enclosed offices and “touchdown” rooms. Collaborative rooms are located adjacent to each stair landing and are walled in glass for daylight access and transparency. The ground floor contains a control center for the Lab’s accelerator.

The atrium draws Menlo Park’s abundant light to all levels of the building, reducing electrical demand for lighting, while also serving as stacks for the building’s natural ventilation system. Private offices, located on the perimeter, feature light shelves that refract daylight. Glass partitions also introduce light from the atrium.

The facility is LEED Gold certified, and sourced up to 20% recycled and regional materials. The team set an energy efficiency goal that is 40% above ASHRAE standards, and included the use of chilled beam technology.

Publications

- *SLAC Today*
 - Building 52 Construction Nearly Complete, March 6, 2013
 - Seen Around SLAC: Beam Time at the RSB, April 4, 2012
 - RSB on the Rise, February 22, 2012

“Clearly, this is a lab that’s on the move. This is a lab postured for great success in driving science into the future.”

— Marc Jones, Associate Director US Department of Energy
 Office of Science at groundbreaking ceremony

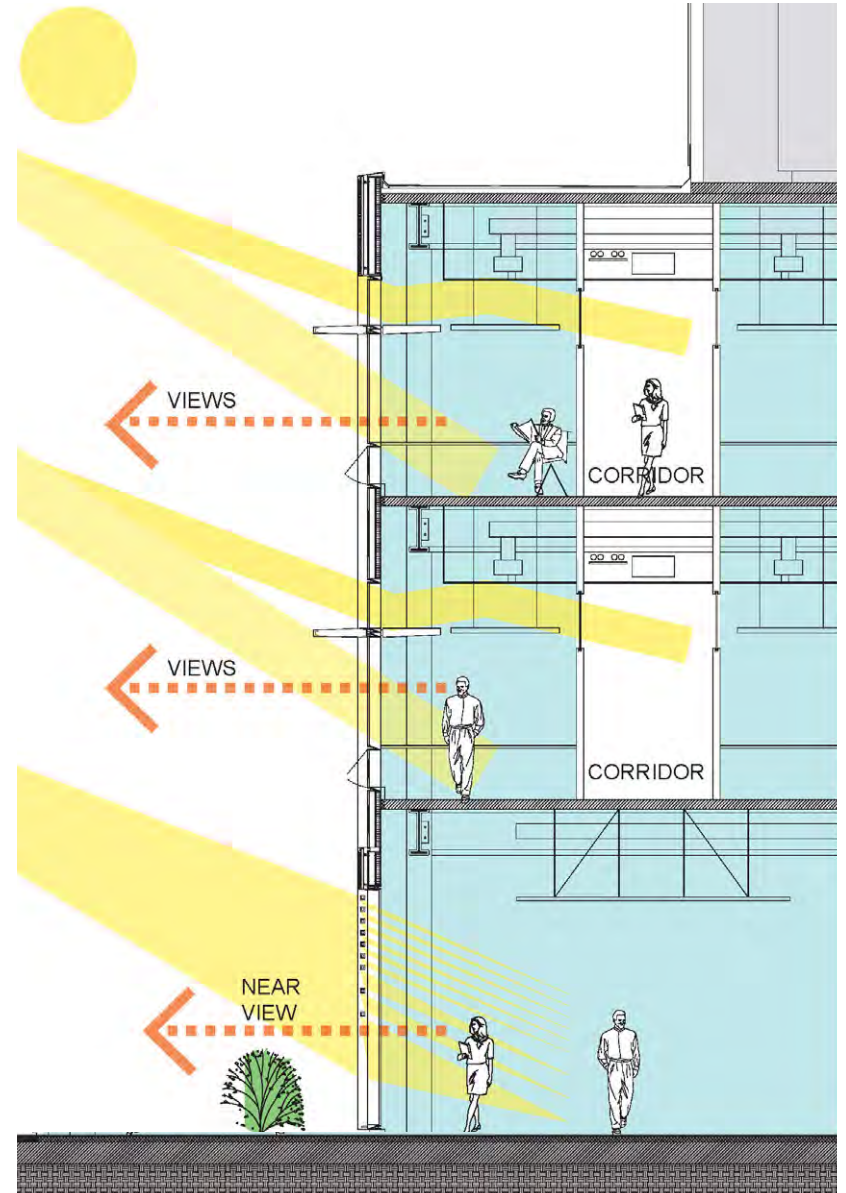
Declaration of Responsibility

I have personal knowledge of the nominee’s responsibility for the project listed above. That responsibility included:
 Project under Direction of Nominee – Principal-in-Charge for design

Thomas B. Gerfen, FAIA
 Chairman, RMW architecture & interiors



To embody the spirit of “One Lab” that drives SLAC’s culture, the building features a central stair and atrium (above).



- 1 John R. Birge, FAIA, LEED AP**
RDG Planning & Design
Principal RDG Group. President of the Board
Design Professionals Risk Control Group
(DPRCG)
900 Farnam on the Mall, Suite 100
Omaha, NE 68102

Professional Colleague – Collaborator

- 2 John P. Bruno**
Yahoo!
V.P. Real Estate, Workplace & Procurement
701 First Ave
Sunnyvale, CA 94089

Client for multiple campus and R&D projects. John is responsible for the management of Yahoo's Global Real Estate Portfolio.

- 3 Dan Cinelli, FAIA**
Perkins Eastman
Principal and Executive Director
2121 Ward Court, NW Floor 6
Washington, DC, 20037

Professional Colleague – Collaborator

- 4 Richard Stanton, AIA**
Lawrence Berkeley National Laboratory
Project Director
1 Cyclotron Road
Mail Stop 76-225
Berkeley, CA 94720

Client for multiple projects on the Lawrence Berkeley campus.

- 5 Kip E. Daniel, FAIA, LEED AP**
The Beck Group
Managing Director and Principal
1807 Ross Avenue, Suite 500
Dallas, TX 75201

Professional Colleague

- 6 Thomas B. Gerfen, FAIA**
RMW architecture & interiors
Co-Chairman / Principal
160 Pine Street
San Francisco, CA 94111

Fellow Principal at RMW architecture & interiors.

- 7 Michael White, AIA, IIDA**
Gensler
Managing Director, Principal
500 South Figueroa Street
Los Angeles, CA 90071

Professional Colleague. Recognized expert on campus workplace environments. Leads Gensler's Media and Technology Practice Area. Mr. White and nominee have collaborated on a R&D campus project.

