

Craig A. Woods, AIA, LEED™ AP

Project Manager/Architect

Professional Registrations

Architect, California, #C-15507, since 1985
LEED™ Accredited Professional, since 2003
General Building Contractor, California
#B-354583, 1976-1991

Education

Bachelor of Arts, with *Distinction* in Public Administration (emphasis in Construction Management), San Diego State University, California, 1977

Employment

SDK Outsourcing Services (SDK), **General Manager**, Angeles City, Philippines, 2012 - Present
HEERIM Architects & Planners, **Vice-President/Technical Director**, 2011-2012,
AECOM, **Associate**, Planning, Design and Development, 2010
HDR Architecture, Inc. (HDR), **Project Manager/Architect**, 2005-2009
Earth Tech (ET) **Project Manager/Architect**, 2000-2005
Carrier Johnson + Culture (CJ), **Project Architect**, 1999-2000
The Stichler Design Group, Inc. (SDG), **Project Manager/Architect**, 1997-1999
Schuss Clark, An Architectural Corporation (SC), **Project Architect**, 1995-1997
Craig A. Woods, Inc. (CAWI), **President/Architect**, 1984-1995
Woods / Marrs Development and Design (WM), **Principal**, 1977-1984
GRS Corp. (GRS), **Architectural Designer**, 1975-1977
Wolfe-Woods and Associates (WW&A), **Architectural Designer**, 1971-1975

Recent Experience Summary

Mr. Woods has extensive professional experience as a Manager, Project Manager, Architect, Technical QA/QC Reviewer, Designer and Builder. Recent experience includes projects in Asia and the Middle-East.

- Manager of SDK with oversight over Army Corps of Engineers projects including, among others:
 - \$34.5M **Hospital Addition & Renovation**, Osan Air Base, Korea (+LEED Documentation)
 - \$15M **Aircraft Corrosion Control Facility**, Osan Air Base, Korea (+LEED Documentation)
 - **Community Activities Center**, Camp Humphreys, Korea
- Vice President/Technical Director of Heerim with oversight and management on projects including:
 - \$235M, 38 story, 1M+ square foot Management Office for the State Oil Company of the Azerbaijan Republic (**SOCAR**), Baku, Azerbaijan (on-site)
 - **Crescent Hotel** (on an island constructed for the project), Baku, Azerbaijan (on-site)
 - \$1.3B, **Family Housing**, (15) 6-story and (12) 14-story buildings, Camp Humphreys, Korea
- Manager of AECOM A&E services, Project Management and Oversight including:
 - **Benfield Anechoic Facility**, Edwards AFB, CA (\$500,000 annual contract)
 - **F-22 Radar Cross Section Testing Facility**, Hill Air Force Base, Utah, D/B, **LEED Silver**
- Project Manager of HDR projects from Design through Construction Administration, including:
 - \$38 M **Huntington Hospital Outpatient Services Pavilion (MOB)**, Pasadena, CA.
 - \$15 M **Sharp Grossmont Hospital Medical Office Building**, La Mesa, CA
 - **Grossmont Hospital Outpatient Imaging Center**, La Mesa, CA
 - **QA/QC Bachelor Enlisted Quarters**, **LEED Silver Rated**, Ft. Leavenworth, KS (USACE)
 - **Brig Expansion**, **LEED Silver**, MCAS Miramar, San Diego (NAVFAC SW)
- Earth Tech Project Manager, Military/Civic projects from Design through Construction, including:
 - \$10 M **Design-Build** of the **Air and Space Combat Operations Center**, **Spirit Bronze Rated**, Nellis Air Force Base, Nevada (USACE)
 - **Bachelor Enlisted Quarters**, Dorm 777, Design-Build, **Spirit Bronze**, Nellis AFB, Nevada
 - \$22 M **Design-CM** City of Beverly Hills **Operations Service Center**, **LEED Silver**
 - Kendall Healthcare, DeLand, FL, 62,000 square foot manufacturing plant addition
- Project Architect for Carrier Johnson performing design, presentations and detailing, including:
 - \$112M **East Village Square**, Retail/Office portion of Padre Ballpark, San Diego, CA
 - **Doubletree Golf Resort Expansion** meeting facility, 84 guest rooms, & parking structure
- Over 30 **Retail/Commercial/Supermarket** facilities throughout California and 13 states.
- Over 35 **Condominium/Apartment** Projects: various sites throughout San Diego, CA and Seattle WA
- Over 75 **Telecommunications** Cell Facilities for Pacific Bell & Nextel in Southern California
- **BIM** – Project Manager on several BIM projects and has taken a 4-day Revit Training Course
- **Design/Build** – Team member on (12) D/B projects, including two where he was the developer.
- **Sustainable Design** – Leader on (12) **LEED** or **Spirit** projects as well as many others where sustainability just means good design.



Some of SDK staff, Philippines



SOCAR, Baku, Azerbaijan, Heerim



"East Village Square," development adjacent to San Diego Ballpark, CJ



Grossmont Medical Office Building, La Mesa, Calif., HDR



Hospital Addition & Renovation, Osan Air Base, Korea, SDK

Craig A. Woods, AIA, LEED™ AP Project Manager/Architect

Civic
Federal/Military
Vehicle Service
Healthcare

Mr. Woods has a great diversity in project types including:

Offices
Lodging/Motels
Parking Struct.
Retail

Food Service
Commercial
Strip Centers
Corporate Offices

Tenant Imprvmnt
Multi-Family
Condominiums
Housing

Industrial
Telecomm
Park & Rec.
BEQs

Mr. Woods was a **principal** in a design and development company and a sole-proprietor for over 18 years. These responsibilities and skills were expanded during employment with local, national and international AE firms over the following 23 years, as projects became larger and more complicated. At different points he was responsible for:

- All **client contact**: Business Development; identified, evaluated and documented the needs of clients; programming; negotiations; and managed client expectations.
- **Presentations** to potential clients, clients, & professional and student groups.
- **Client representation** before public hearings, including community planning groups, planning commissions, and city councils.
- **Site Evaluations**: investigated and evaluated sites and buildings; determined adequacy of proposed sites; developed alternative solutions; prepared preliminary grading studies; developed and compared financial estimates between alternative solutions; and evaluated economic viability of alternatives.
- He has worked closely and successfully with numerous **public agencies** including planning, zoning, fire, redevelopment, engineering, traffic, environmental, building and code enforcement departments.
- He has also been responsible for programming, conceptual design, architectural design, grading design, landscape design, submittals, shop drawing review, and construction observation..
- All aspects of **Design** included: principal designer, lead design and **LEED** Charrettes with clients and consultants; site and space planning; Building Code Analysis; developed alternative solutions; exterior designs; grading studies; LEED analysis; review and comply with Environmental Analysis; Signage and Way-finding planning; and design of conveyors, fire pumps, and emergency power generators,
- All aspects of **Documentation** including: detailing; scheduling; consultant coordination; production and project status; manpower allocation; establishing and leading client and internal meetings; specifications; LEED documentation; implementing **QA/QC** programs; reviewing construction project plans and other documents; bidding; and permit processing.
- Performing **technical reviews** of architectural and consultant designs and construction documents, assessing compliance with program requirements and design intent.
- All **consultant management** including: Identifying consultant needs; scoping; soliciting proposals; negotiating subcontracts; contracting; and management of consultants.
- All aspects of Project Management including developing, tracking and managing: project approach; schedule; budget; Project Manual; project QA/QC program; supervising and leading design staff; staff utilization; and Construction Administration.
- **Construction Management** including: bidding, contracting, permitting, inspections, scheduling, supervision, contractor coordination, construction draws, Certificate of Occupancy, and obtaining Construction and take-out loans.
- All **Business Management** including: legal, personnel, and financial aspects of a design business including: proposals, Pro-Formas, payroll, taxes, billings, collections, recruiting, reviews and advancement.

His **construction** experiences include: wood frame construction up to 4-stories, steel moment-resisting and brace- frames up to 38-stories, Concrete Masonry (CMU), cast-in-place concrete, pre-cast concrete decks, caisson and grade beam foundations, post-tension slabs, and composite concrete decks. Soil challenges have included un-compacted fill, contaminated soils, adjacent to fault lines, expansive soils, landslide zones, coastal bluff caves, and areas of liquefaction. Mr. Woods is also active in National Professional Organizations, hosted monthly AutoCAD workshops for several years in the late '80s, and taught AutoCAD at the collegiate level.

Professional Affiliations

- **American Institute of Architects (AIA)**, National, 1986-Present
- **International Code Council (ICC)**, National, Prof. Member, 2001-Present
- **Project Management Institute (PMI)**, National, Member, 2004-Present
- **Society of American Military Engineers (SAME)**, 2008-Present
- **U.S. Green Building Council**, San Diego Chapter, Member, 2003-Present
 - 2003 - 2007 Chapter Board of Directors;
 - 2004 **Chapter Secretary** and 2005 **Chapter President**



Family Housing (HHOP)
Camp Humphreys Korea, Heerim



Aircraft Corrosion Control Facility,
Osan Air Base, Korea, SDK



Benefield Anechoic Facility,
Edwards AFB, California, AECOM



Huntington Hospital Outpatient
Services Pavilion, Pasadena HDR



Dormitory 777, Nellis AFB, Nevada
Earth Tech (ET)



Air and Space Combat Operations
Center, Nellis AFB, Nevada ET



Operations Service Center, for the
City of Beverly Hills, Calif. ET

RESUME

CRAIG WOODS, AIA, LEED AP

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Professional History

Professional Registrations

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LEED Accredited Professional, 2/10/2003 – Present
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Section 1 ~ Professional History

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Related Academic Positions

Cuyamaca Community College, Adjunct Faculty, 1991-1997

Design Institute of San Diego, Adjunct Faculty, 1989 - 1994

Professional Affiliations

American Institute of Architects (AIA), National, 1986-Present

International Code Council (ICC), National, Prof. Member, 2001-Present

Project Management Institute (PMI), National, Member, 2004-Present

Project Management Institute (PMI), San Diego, Member, 2004-Present

Society of American Military Engineers (SAME),

San Diego Post, Member, 2008-Present

U.S. Green Building Council, San Diego Chapter, Member, 2003-Present

Chapter Member, 2003 - Present

2003 - 2007 Chapter Board of Directors

2004 Chapter **Secretary**

2005 **Chapter President**

Computer Skills

AutoCAD, including teaching at Collegiate Level and 2 Awards from AutoDesk

MSOffice, 2007 (and earlier): proficient in Excel, Word, PowerPoint, Outlook

Microsoft Project

Adobe: Photoshop, Adobe Acrobat

Google SketchUp and Revit (32 hours of training)

Internet Explorer and Mozilla Firefox

Yahoo! Site Builder

Publications

"Home Office" Better Homes and Gardens, 8/97

"Charles Residence" San Diego Decor and Style Magazine, 3/96

"Charles Residence" San Diego Decorating Magazine, 10/93

"Cohen Residence" Times-Advocate, 7/23/89

"Senator Jim Ellis Residence" The Daily Californian, 2/8/87

"Brust Residence" Verbum Magazine 2.3

"Jane Jones Remodel" San Diego Magazine, 11/85

Monthly Column, San Diego AutoCAD Newsletter, 1987 – 1992

Section 1 ~ Professional History

SDK Outsourcing Services, Inc.

February 2012 to February 2013

Philexcel Business Center 2, Manuel A. Roxas Highway,
Clark Freeport Zone, Pampanga, Philippines

Mr. Woods was the **General Manager** of this 18 person A/E firm providing outsource Architectural, rendering, Electrical, Communications and Mechanical Engineering services to an American A/E firm doing work for the U.S. Army Corps of Engineers in South Korea. Mr. Woods was responsible for all business aspects of this Filipino Corporation, including staffing, operations, legal, HR, receivables, permits, inspections, and other requirements to run a company in the Philippines.

The firm had a seasoned staff expert in Army Corps projects with previous employment at Guantanamo Bay, Diego Garcia, and Seoul, Korea. Mr. Woods had oversight over the staff of professional engineers and architects and personally provided technical reviews and LEED documentation.

SDK services were in support of the US Forces Korea base consolidation program known as the Yongsan Relocation Program (YRP). Because of new military budget constraints, the Army eliminated a 2008 policy to bring more families of US Servicemen to Korea. Consequently, projects supporting families were dropped in 2012. This severely reduced A/E work for our client. Additionally, the design phase of the consolidation program was moving into the construction phase, further reducing design work. This necessitated closing SDK and the staff was laid-off at the end of 2012. Mr. Woods remained on staff until the end of his contract, however, until mid-February, shutting down the operations.

Partial Listing of Projects include:

Osan Hospital Addition & Renovation, Osan Air Base, Korea

Mr. Woods was the Project Architect during the Design Charrette at Osan Air Base and provided architectural LEED documentation during the course of the project. The purpose of this project was to construct a new 2-story medical addition connected to the existing hospital facility. A second floor addition (Upper Level) was located over the existing single story portion of the hospital facility. Areas of Alteration and Renovation were within both, the Upper and Lower Levels, of the existing Hospital Building of the 51st Medical Group at Osan Air Base.



The total area for the addition (26,200 sf) and hospital renovation (24,542 sf) was a total of 50,742 square feet. The DD 1391 budget was \$34,600,000.

Aircraft Corrosion Control Facility, Osan Air Base, Korea

This project was a an Aircraft Corrosion Control Facility at Osan Air Base, Korea, with an area of 31,872 square feet and a programmed construction budget of \$15,000,000. This facility provides services for F16 and A10 aircraft and consists of a two-bay structure for aircraft restoration and washing. It has storage rooms for tools, consumable items and flammable lockers / storage cabinets to store paints, solvents, thinner, alcohol, paint strippers, adhesives and soap. It also has staging area/rooms for aircraft parts, curing, repair and dust collection point and rooms for prefabricated/ pre-manufactured paint booth and bead blaster equipment.



Also provided were administrative and office space for maintenance staff with a break room/technical library. Additional support facilities included communication, electrical, and mechanical rooms which provided space for compressors, boilers, low-level high-expansion foam system, restrooms, locker rooms and shower facilities.

The facility follows the Osan AB Facilities Excellence Design Guide and is a utilitarian in appearance. The design of the facility conveys the functional purpose of the building as an administrative and aircraft maintenance type of facility. Mr. Woods performed technical reviews and *LEED* Documentation.

Airfield Operations and Air Traffic Control Tower (ACTC), Osan Air Base, Korea



This project was to consolidate the Radar Approach Control (RAPCON), Airfield Operations and Air Traffic Control Tower (ACTC) operations into one building.

This facility also serves as the entryway for distinguished visitors (DV - senior officers O-6 and above or civilian equivalent - or senior public officials including Presidents) into Korea.

Activities in the facility include administration/office work, conferencing, training (classroom and simulators), flight planning, equipment maintenance, distinguished guests hosting, airfield operations, air-traffic control, staff breaks and aircrew lounging.

Equipment includes basic administrative/office equipment, TV screens, communications equipment related to airfield operations and air-traffic control, RAPCON system, air-traffic control simulation, and basic mechanical and electrical equipment supporting the building operations.

Vehicle parking for 20 privately owned vehicles is provided at the public side of the building, including 2 handicapped parking spaces, and 6 parking spaces for operational/private vehicles on the airside.

Simulation Center, USAG Humphreys, Korea



This building was conceived as an "L" shape. It is a multi-story Simulation Center for the Eighth Army G3 Training and Exercise Division (TREX) at USAG Humphreys, Korea. It includes facilities for a number of tactical skill trainers. In addition, a number of portable/modular trainers are located on pads just outside the main building. These trainers are provided with space for training equipment, support facilities, administrative office space, and systems & server spaces.

This facility is largely windowless and is massive in character. The aesthetic nature of the Simulation Center was derived directly from its function and usage program. The program of the building called for different and separate functions according to different levels and sections of the building. Windows are grouped and emphasized where possible to create banding and larger design elements. Stairs and entrances were also emphasized with different building materials to break up the large façade surfaces.

Dining Facility (DFAC), USAG Humphreys, Korea

This project was a 1,300 person Training Dining Facility (DFAC) at USAG Humphreys. The DFAC is to prepare and serve food in a seated dining area. The seated dining areas can also serve as a gathering place for group activities. The DFAC includes primary facilities for kitchen, food preparation, food storage area, administrative office space and dining area for soldiers. The DFAC is staffed based on a 40-hour work week. The staffing area of work includes the menu, layout, equipment, feeding stations, serving lines and the mission of the organization it supports.



Exterior Insulation and Finish System (EIFS) is the most common exterior building finish used on USAG Humphreys. EIFS was used where thermal protection of the building envelop is required.

A 5:12 pitch standing seam metal mansard roof system at the perimeter wall extends to screen mechanical equipment located at the central low-sloped roof area. The central low-sloped roof area is a 1/4:12 pitch with EPDM roofing and includes skylights that will emit natural light into dining and serving areas. The building also includes two detached troop formation/ assembly area canopies with a free standing continuous gable metal roof with a 5:12 pitch.

Precision Measurement Equipment Laboratory (PMEL), Osan AB, Korea

This project was a Precision Measurement Equipment Laboratory (PMEL) facility at OSAN AB, Korea. This facility is a one-story structure, and includes a large Calibration and Repair area with increased capacity in the Dimensional Measurement Laboratory. It supports aircraft, missiles, and ground systems on base or in the local area. This facility is tasked with performing numerous measurements per day on equipment used to calibrate typical key systems ranging from aircraft avionics equipment, GPS global positioning, glide slope indicators and night vision goggles.

The primary structural design of the building is concrete slab and cast-in-place steel reinforced concrete load bearing walls with interior painted gypsum board and EIFS (exterior insulation and finish system) exterior and covered with a structural standing seam metal roof.



Community Activities Center (CAC), USAG Humphreys, Korea

This project is a single story, stand-alone building with gross area of 24,541 square feet which includes an outdoor recreational shelter. The building plan consists of two main areas; the Gaming Area and the Sports Bar & Restaurant which subsequently also includes the Music Studios. Separation between these spaces is achieved by a centrally located reception area that provides access to the building from two different locations.



The exterior of the building is a combination of brick and high-grade stucco-faced insulation system. The roof is a standing seam metal on steel framing. Exterior and interior windows are fixed aluminum. Natural light is implemented into the design.

Section 1 ~ SDK OUTSOURCING SERVICES

Heerim Architects & Planners

February 2011 to February 2012

Seoul, Korea

Mr. Woods was the **Vice President/Technical Director** of this firm, the largest in Korea, which provided full service Architecture and Construction Management services to an international clientele.

Mr. Woods was responsible for technical review of construction documents for international construction practices conformance, US Army Corps of Engineers building and documentation standards, recruiting and coordination of US engineering consultants, and document quality assurance and technical accuracy. He also had direct client contact on projects and acted as the firm's architectural representative at job sites, meetings and client presentations. He also participated in preparing professional services proposals in Korea and Vietnam.

A listing of Mr. Woods' Projects include:



HHOP Family Housing, USAG Camp Humphreys, Korea (Heerim)

As Vice President/Technical Director of Heerim, a South Korean Architectural firm, Mr. Woods provided oversight on this Army Corps of Engineers project. This project was to facilitate the relocation of the US Army Garrison Yongsan from Seoul to Camp Humphreys, about 40 miles south. This was Phase One of a 2-phase, \$1.3B housing element that will provide 3, 4, and 5 bedroom apartments for 2,400 military families.

Phase One of this Design/Build Project included 1,400 units in 27 buildings ((15) included 1,400 units in 27 buildings ((15) 6-story and (12) 14-story buildings plus a Community Center and Welcome Center).

The concept is UP, not out, so the design called for underground parking and high-rises, and provided open space and recreational areas for the families. Camp Humphreys is growing from about 10,000 people to 44,000.





Azerbaijan is currently undergoing a transformation from the 'no frills' architecture of the former Soviet Republic to the most contemporary skyscrapers in the world. In January, 2012 – Mr. Woods was on assignment for Heerim Architects in Baku, Azerbaijan assisting in getting the Crescent Hotel and the SOCAR High Rise Office Building out of the ground. He coordinated with designers, builders, construction manager and the owner by aiding communications and resolving construction issues.



Crescent Hotel, Baku, Azerbaijan

The Crescent Hotel is constructed on a man-made island, which was under construction while I was in Baku and attending constructions meetings. The on-shore portion of the site is pictured above and was undergoing de-watering and foundation work.



Section 1 ~ Heerim Architects & Planners

New Management Office of the State Oil Company of Azerbaijan Republic (SOCAR), Baku, Azerbaijan

Most of Mr. Woods' time during this month was spent in his office at the SOCAR construction site. He provided assistance to the CM and Architectural groups with the client's on-site engineers and representatives. He attended construction meetings and performed regular walk-throughs of the construction.

SOCAR comprises 38 floors, plus 2 levels of underground parking, and at 205 meters (673 feet), is the highest skyscraper in the Caucasus. Construction budget was \$235.4 million for the project. The tower area was 47,523 square feet and total area, with underground parking, was over 1 million square feet.

The tower has a twisted form to resemble a flame and an exterior skin of glass and aluminum. A number of Atriums, spanning several floors in the tower, allow you to see into the floors above from those below. The high-rise is designed as offices for some 2,000 employees and is equipped with every convenience including their own exercise facilities, conference halls, and dining facilities. The project has a high-tech rooftop Building Maintenance Unit (BMU) and a sophisticated window washing system which does not require window washing personnel to scale the building.



Profile

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Mr. Woods is also active in National Professional Organizations, hosted monthly AutoCAD workshops for several years in the late '80s, taught AutoCAD at the collegiate level, and served as President and Secretary on the local Board of the U.S. Green Building Council.

Mr. Woods has a great diversity in project types including:

Civic
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High-Tech Military
Vehicle Maintenance Facilities
Healthcare
Offices
Hospitality
Parking Structures

Retail
Food Service
Supermarkets
Strip Centers
Corporate Offices
Tenant Improvements
Multi-Family Residential
Storage Facilities

Condominiums
High-End Custom Homes
Industrial/Manufacturing
Telecommunications
Park & Recreation
BEQs
Mixed Use
Schools

Section 2 ~ Profile

Sustainable, Design/Build, & BIM Projects

Mr. Woods has extensive experience in a variety of project types and has evolved with the new technologies and design concerns of the current construction community.

As a LEED AP since February 2003, he is concerned about the sustainability of his projects, whether they are, or not, seeking certification, as a matter of good design. Additionally, Design/Build and Integrated Project Delivery have been a natural transition with his previous experience as a licensed General Building Contractor and Developer.

Although not currently a production drafter using AutoCAD or Revit, he was a leader in early AutoCAD development, including:

- two of his projects as part of AutoCAD Manuals
- Teaching AutoCAD at the College Level, and
- Hosting monthly AutoCAD workshops.

He has completed 32 hours of hands-on training in Revit (BIM). He has also managed BIM projects.

Sustainable Design Projects

Hospital Addition and Renovation, Osan Air Base, Korea (SDK/TJD)
LEED Silver Registered, Charrette Project Architect, LEED Architectural Documentation. D/B/B

Aircraft Corrosion Control Facility, Osan Air Base, Korea (SDK/TJD)
LEED Silver Registered, GM, LEED Architectural Documentation. D/B/B

HHOP Family Housing, Yongsan Relocation Project, USAG Camp Humphreys, Korea. (Heerim)
LEED Silver Registered, Technical Director, D/B

City of Beverly Hills, Operations Service Center and Parking Structure, Beverly Hills, California. (ET)
LEED Silver Registered, Design/CM

Victor Valley Wastewater Reclamation Authority Administration Building, Victorville, CA (HDR)
LEED Gold Design / BIM / D/B/B

Pala Wastewater Treatment Plant, Administration and Process Buildings, Pala, California (HDR)
LEED Certified Design / BIM / Design/Build

Military Police Bachelor Enlisted Quarters, Ft. Leavenworth, KS (HDR)
LEED Silver / Design/Build

Brig Expansion, MCAS Miramar, San Diego, CA (HDR)
LEED Silver Design / BIM / Design/Build

Combined Air-Space Combat Operations Center, Nellis AFB, Las Vegas, NV
Spirit Bronze Design / Design/Build (ET)

Bachelor Enlisted Quarters, Dorn 777, Nellis AFB, Las Vegas, NV (ET)
Spirit Bronze / Design/Build



HDR



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Section 3 ~ Sustainable, Design-Build & BIM

Design/Build Projects

Role: Architect of Design Manager

HHOP Family Housing, Yongsan Relocation Project, USAG Camp Humphreys, Korea. (Heerim)
LEED Silver Registered, Technical Director, D/B

City of Beverly Hills, Operations Service Center and Parking Structure, Beverly Hills, California. (ET)
LEED Silver Registered, Design/CM

Pala Wastewater Treatment Plant, Administration and Process Buildings, Pala, California (HDR)
LEED Certified Design / BIM / Design/Build

Tyco Healthcare, Kendall Plant Addition, DeLand, FL (ET)
Design/Build

Military Police Bachelor Enlisted Quarters, Ft. Leavenworth, KS (HDR)
LEED Silver / Design/Build

Brig Expansion, MCAS Miramar, San Diego, CA (HDR)
LEED Silver Design / BIM / Design/Build

Combined Air-Space Combat Operations Center, Nellis AFB, Las Vegas, NV
Spirit Bronze Design / Design/Build (ET)

Bachelor Enlisted Quarters, Dorn 777, Nellis AFB, Las Vegas, NV (ET)
Spirit Bronze / Design/Build

Role: Developer, Project Architect and Builder (Design/Build)

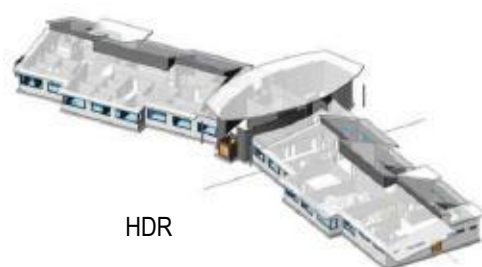
2629 Via Dieguenos Custom Home, Alpine, California. (WM)
Developer, Project Architect and Builder

4220 Fifth Avenue Condominiums, San Diego (Hillcrest), California. (WM)
Developer, Project Architect and Builder

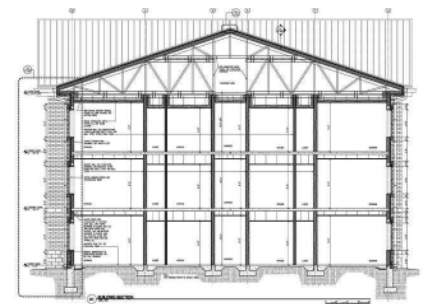
Building Information Modeling (BIM) Projects

Victor Valley Wastewater Reclamation Authority Administration Building, Victorville, CA (HDR)
LEED Gold Design / BIM / D/B/B

Pala Wastewater Treatment Plant, Administration and Process Buildings, Pala, California (HDR)
LEED Certified Design / BIM / Design/Build



HDR



HDR



Earth Tech



Earth Tech



HDR



HDR

Federal Projects

HHOP Family Housing, USAG Camp Humphreys, Korea (Heerim)

As Vice President/Technical Director of Heerim, a South Korean Architectural firm, Mr. Woods provided oversight on this Army Corps of Engineers project. This project was to facilitate the relocation of the US Army Garrison Yongsan from Seoul to Camp Humphreys, about 40 miles south.

This was Phase One of a 2-phase, \$1.3B housing element that will provide 3, 4, 5 bedroom apartments for 2,400 military families. Phase One of this Design/Build Project included 1,400 units in 27 buildings ((15) included 1,400 units in 27 buildings ((15) 6-story and (12) 14-story buildings plus a Community Center and Welcome Center).

The concept is UP, not out, so the design called for; underground parking and high-rises, and provided open space and recreational areas for the families. Camp Humphreys is growing from about 10,000 people to 44,000.



\$34.5M Osan Hospital Addition & Renovation, Osan Air Base, Korea (+LEED Documentation) (SDK & TJD)

Mr. Woods was the Project Architect during the Design Charrette at Osan Air Base and provided architectural LEED documentation during the course of the project. The purpose of this project is to construct a new 2-story medical addition adjacent to the existing hospital facility, a second floor addition (Upper Level) to be located over the existing single story portion of the existing hospital facility, and areas of Alteration work within both, the Upper and Lower Levels, of the existing Hospital Building 777 for the 51st Medical Group (51 MG) at Osan Air Base.

The total area for the additions was hospital renovation was 24,542 square feet. for a total of 50,742 square feet.



\$15M Aircraft Corrosion Control Facility, Osan Air Base, Korea (+LEED Documentation) (SDK & TJD)

Mr. Woods was GM and supervisor of office production on this project and personally developed LEED Documentation for the LEED Silver compliance.

This project is a two-bay Aircraft Corrosion Control Facility at Osan Air Base, Korea with an area of 31,872 square feet and a programmed amount of \$15,000,000. This facility provides services for F16 and A10 aircraft and consists of a two-bay structure for aircraft restoration and washing. It has storage rooms for tools, consumable items and flammable lockers/ storage cabinets to store paints, solvents, thinner, alcohol, paint strippers, adhesives and soap. It also has staging area/rooms for



Section 4 ~ Federal Projects

aircraft parts, curing, repair and dust collection point and rooms for prefabricated/ pre-manufactured paint booth and bead blaster equipment.

Administrative and office space for maintenance staff with break room/technical library and support facilities like communication, electrical, mechanical room including space for compressors, boilers, low-level high-expansion foam system, breakroom, restrooms, locker rooms and shower facilities is also provided.

The facility follows the Osan AB Facilities Excellence Design Guide and is a utilitarian in appearance. The design of the facility conveys the functional purpose of the building as an administrative and aircraft maintenance type of facility.



Dormitory 777, Nellis AFB, Nevada. US Army Corps of Engineers – Los Angeles District,

Design / Build, Spirit Bronze Design

Earth Tech's Project Architect for design-build services for a 144-room dormitory and its site surroundings for enlisted personnel.

Design services included all disciplines for the three-story, 51,110-square-foot building. The project contained 36 four-unit modules, believed to be the first time in Air Force housing, that each share a kitchen and a laundry closet. Each four-unit module has four bedrooms with their private bathrooms and clothes closets. The building design also included associated support areas containing office, supply storage, TV/game rooms, vending area, bulk storage rooms with wire cage storage lockers (stacked 2 high), 2 handicap, toilet rooms, janitor closet, mechanical-electrical-communications rooms.

Earth Tech used military design codes and criteria. Force protection design, using the Department of Interior anti-terrorism guidelines, was used to protect the structure against progressive collapse from terrorist action. Construction materials include concrete block masonry walls, pre-cast and pre-stressed hollow core concrete planks, and a structural steel gable roof. The facility was fully automatic fire sprinklered. The building received a "Bronze" rating in the Spirit rating system based on LEED. Universal accessibility (ADA) requirements were met using the Uniform Federal Accessibility Standards (UFAS).



Dormitory 777, Nellis AFB, Nevada



Dynamic Battle Control Center Design-Build, Nellis AFB, Nevada. US Army Corps of Engineers - Los Angeles District,

Design / Build, Spirit Bronze Design

Earth Tech's Design Manager and architect of record for \$11M design-build of an Air and Space Combat Operations Center.



Dynamic Battle Control Center
Nellis AFB, Nevada

Section 4 ~ Federal Projects

Design manager for all aspects of the project's design components, technical support, design document control, and design oversight activities during construction of the two-story, 42,550-square-foot (3,953 square meter) building. Universal accessibility features were provided in conformance with the ADA and UFAS.

Managed design of offices, auditorium, high-bay operations bay, computer/data rooms, support areas and a number of Sensitive Compartmentalized Information Facility (SCIF) areas. Interior construction is dry wall, insulation, CMU and acoustical ceiling. An accessible floor over a depressed foundation is installed in functionally related areas to facilitate voice and data cable distribution and easy reconfiguration of equipment for varying exercises. The facility has load bearing CMU walls and pilasters with concrete masonry exterior to match the surrounding buildings.

The facility is sited near the existing operations compound and Building 201 (Red Flag) because of ongoing and future operational requirements. Sustainable design features included water efficient landscaping; light pollution reducing site lighting; optimized energy performance; reduced water consuming fixtures; high-performance envelope; noise control; indoor air quality management; an Environmental Management System (EMS); use of local and regional materials; and low-VOC emitting finish materials. Credits were sufficient for a Spirit "Bronze" level design. High levels of acoustical design were employed to maintain appropriate indoor noise levels.

Antiterrorism/Force Protection (ATFP) design, using the Department of Interior anti-terrorism guidelines, was used to protect the structure. ATFP was an integral part of siting and landscape considerations, closed-circuit TV (CCTV) electronic surveillance and access control, and structural resistance against progressive collapse from terrorist action.



Dynamic Battle Control Center
Nellis AFB, Nevada



Navy Consolidated Brig At Marine Corps Air Station (MCAS) Miramar, San Diego, California

HDR prepared the Request For Proposal for this project, utilizing teams in our San Diego, Chicago, and Cincinnati offices. As the San Diego manager, coordinated client meetings, site visits, and consultants who performed Civil Engineering, Geotechnical and Hazardous Material investigations.

This is a Design-Build project of a new confinement facility, including support space, which will be sized to hold 120 additional male and 80 additional female prisoners from all military services awaiting trial, serving short-term and longer-term sentences up to five to ten years. New prisoner industries/maintenance facilities are required to provide work and training support space to the increased population. A new parking lot, utilities, an emergency generator, security fencing, security control systems, lighting, and landscaping will be required. New facility technology systems will be integrated with existing systems. Approximate size of the new facilities is 95,000

Section 4 ~ Federal Projects



square feet. Renovation will be required to enclose an outdoor visitation area and convert it into administrative support and meeting space. Additional renovation is required for medical support, galley operations, and records storage expansion needs. Approximate size of renovated space is 4,600 square feet. Construction will conform to Department of Defense, Department of Navy, and American Correctional Association (ACA) Standards.

Benfield Anechoic Facility, Edwards Air Force Base, CA. Manager of AECOM On-Call A&E services. This is the world's largest testing facility for aircraft radar imaging and is a high security Air Force Facility. Enclosing 4.6 million square feet of space, the Benfield chamber is spacious enough to hold virtually any U. S. military airplane, including the B-1 bomber. Planes are rolled in through one of the world's biggest doors, a 250-ton steel device that is so bulky it takes 40 minutes to close. Projects included adaptation and improvements to the existing facility to meet Air Force needs, specifically, planning additional new construction of offices and storage in adjacent building, analysis and repair of aging equipment, modification of existing buildings including MEP and Structural and other services. Fee for services were in excess of \$500K annually.



Benfield Anechoic Facility -
Edwards AFB AECOM

F-22 Radar Cross Section Testing Facility, Hill Air Force Base, Utah, AECOM, \$23M, Design-Build, Okland Construction, Army Corps of Engineers, Sacramento, LEED Silver AECOM.

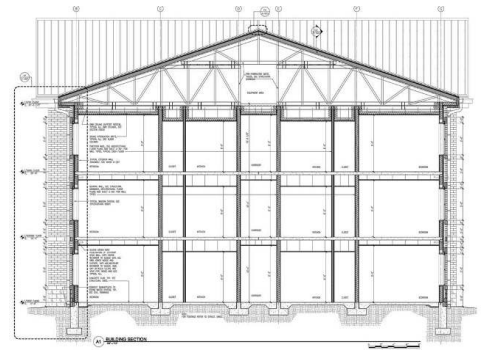
Mr. Woods was involved as Project Manager during the bid phase and through the Kickoff of this project. The project was then turned over to a PM living in the Salt Lake City area due to a work slow-down in 2010.

This project is a 61,584 gross square foot, partial two-story, high-bay, secured Electromagnetic Vulnerability Assessment Facility (EMVAF) providing vestibule space, radar control room, restrooms, lightning protection, fire detection/prevention, intrusion detection, scientific workstation space, personnel offices, visitor processing area, conference room, maintenance and spare parts storage areas, and a mechanical laboratory. This facility includes a 3,978 square foot basement, a **6,720** square foot anechoic chamber. The large double-shielded anechoic chamber with large access doors and legacy force platforms features a 100-ton capacity synchronous turntable with a 10-foot, 70-ton hydraulic lift and a 5-ton hoist with rail (above a false ceiling) running from the high-bay area to the middle of the shielded doors. Turntable access is through the basement.



Section 4 ~ Federal Projects

US Army Corps of Engineers– **Military Police Bachelor Enlisted Quarters, Design-Build, Ft. Leavenworth, KS**
 Performed QA/QC review of 3-story, CMU and Steel Frame BEQ for HDR. Construction was Type II B, Non-combustible, Fully Sprinklered. The building had 56 – 2 Bedroom living units for 112 personnel. Each floor contained 14,705 square feet for a total of 44,115 square feet. Construction drawings were prepared by the HDR Chicago office. QA/QC included ATFP, ADA, and building code reviews.



Department of Veterans Affairs, Greater Los Angeles Healthcare System, California.

Earth Tech Project Manager for two boundary surveys of the VA West Los Angeles Medical Center. Surveys were to determine and record the boundary of the approximately 382 acre medical complex in the highly urbanized area of Wilshire Blvd. and the 405 Freeway as well as leased property to the US Post Office and Brentwood School.



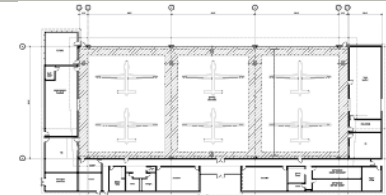
Many Farms High School. Bureau of Indian Affairs

Stichler Design Group Project Architect for construction of new classrooms and an activity center for this high school. Many Farms High School is located in the heart of the Navajo reservation in Many Farms, Arizona. It has 400 students and 35 faculty members along with a large support staff. It is a boarding school sponsored by the U.S. Bureau of Indian Affairs Office of Education Programs, with separate dorms for male and female students. Also included was the partial demolition and renovation of student dormitories. Mr. Woods coordinated consultants and modifications to construction documents reflecting ADA, structural, and Bureau of Indian Affairs modifications.



The Following Military Projects were through Schematic Design for bidding as Phase 2 Design-Build Proposals

UAV (Predator) Hangar, \$9.5M, Design-Build, Straub Construction, *LEED Silver*, Ft. Huachuca, AZ (AECOM)



Predator Hangar, Ft. Huachuca
USACE, AECOM

Recruit Marksmanship Training Facility, \$11.2M, Design-Build, KOO Construction, *LEED Silver*, Camp Pendleton, CA, AECOM.



Recruit Marksmanship Training Facility, Camp Pendleton, AECOM

BEQ Package #1, \$124M, Design-Build, Clark/Sundt JV, for 1200 Marine bachelor enlisted personnel in 2-person rooms located on three sites, complete with laundry facilities, recreation areas, and multi-purpose facilities, *LEED Silver*, Camp Pendleton, CA (NAVFAC-SW) (HDR)



Headquarters Site, BEQ Camp Pendleton Pkg #1
Design Build Proposal, HDR

Dormitories, Davis-Monthan AFB, Tucson, AZ, \$9M (est.), Design-Build, *Earth Tech DB*, *Spirit Bronze*, *Earth Tech*. This proposal earned Earth Tech a contract under an Army Corps of Engineers MATOC



Davis-Monthan AFB, Dormitories
Earth Tech

BEQ, Portsmouth Naval Shipyard, \$10M (est), Design-Build, *Earth Tech DB*, *LEED Bronze*, Kittery, MN, *Earth Tech*.

Family Housing, \$9.3M, Design-Build, *Earth Tech DB*, *Spirit Bronze*, Mountain Home AFB, Idaho (56 Single Family Dwellings), USACE, *Earth Tech*.



Portsmouth Naval Shipyard BEQ,
NAVFAC-Baltimore, Earth Tech

Section 4 ~ Federal Projects

Civic Projects

City of Beverly Hills, Operations Service Center and Parking Structure, Beverly Hills, California.

Design manager and architect of record for this *LEED Silver Registered*, \$22 million design-construction management project. The project is located next to the water treatment plant that Earth Tech designed, built, financed, and now operates for the city.

The project consists of a sequence of activities, including:

- Phase 1: construction of a temporary operations center; relocation of the current operations center to the temporary location; demolition of existing buildings in the construction site; and constructing new power and telephone service to the fuel island.
- Phase 2: construction of a new operations service center, parking structure, emergency generator, supporting structures, site improvements, and landscaping.

The new 45,000-square-foot facility will house 13 vehicle maintenance bays including: 6-light vehicle bays; emission bay; four high-roof heavy truck bays; tire bay; and welding and fabrication bay and a number of maintenance shops including communication equipment shop, machine shop, central tool room, locksmith, general fabrication shop, and facility maintenance shop. The central store is over 7,000 square feet with high rack storage. Support facilities include men and women lockers and showers; technical library; service counter and lobby; second story administrative offices with break-room; emergency power generators; chassis wash bay with water recovery system; and training and conference room

The integrated parking structure of cast-in-place concrete, includes parking for 316 vehicles. This is accomplished with two decks below grade and two decks above grade.

The entire facility is an “essential building” under the building code and must meet higher standards of construction to assure operation in times of natural disaster or other calamity. The two diesel powered generators will keep the building in 7/24 operation during times of crisis, enabling fire, safety, water treatment and public works operations to continue service to the public.

Sustainability design goals include attaining a Silver Certification under the LEEDTM Rating System for New Construction. Strategies will be employed to reduce storm water run-off, reclamation of storm and process water, reduced energy consumption, reduced potable water consumption, recycling of wastes, recovery and use of oil for heating, extensive use of daylight illumination, improved indoor air quality, use of recycled or rapidly renewable resources and regionally produced products. A non-polluting renewable-energy source, Photovoltaic Arrays, will be utilized to produce a portion of the electricity used. Alternative transportation will be encouraged by design considerations. Use of landscaping and high-albedo roofing and paving materials will help reduce the heat-island effect of the development.

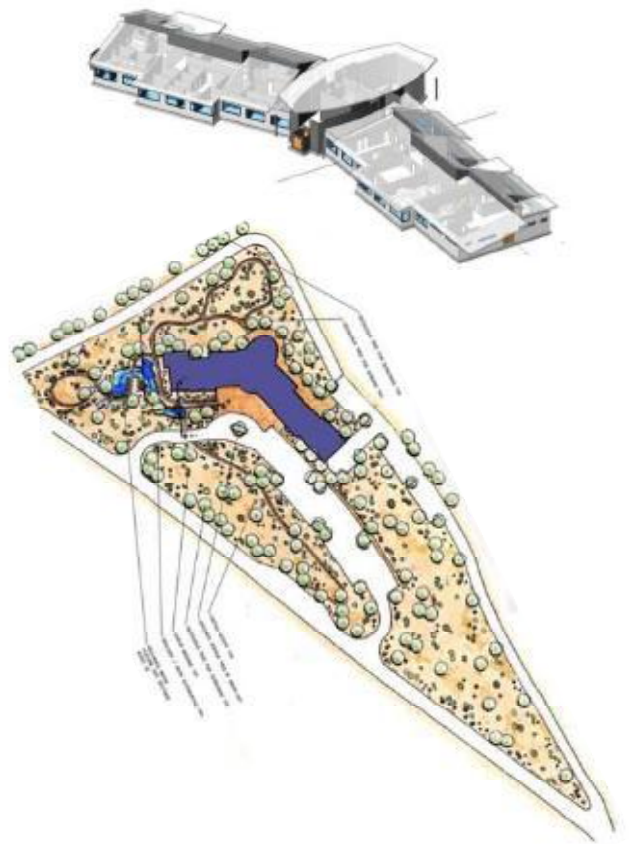


Victor Valley Wastewater Reclamation Authority
Administration Building:
Project Manager / BIM

Provided Full AE Services for a new Administration Building along with the associated site landscaping and parking lot on the campus located in the north part of Victorville, CA.

HDR Architecture teamed up with HDR Engineering, engineering holding the main contract, where we evaluated the existing and future needs of the Administrative building through programming and user/ client meetings. We provided a full range of architectural services including siting studies, LEED design elements and charrette, over all building design using Revit software for BIM modeling, and 30% schematic design documents.

The new facility is an expansion to structures of similar use on the same property located at the end of Shay Road, adjacent to the Mojave River. The intent of the new Administration Facility is multifaceted, with highest priority given to modernization and growth that focuses on an improved image for the District. The new Administration Facility includes 20,000 GSF of new space in the one story structure. The space is divided into an Administration Wing, Central Lobby and Board Room and a Laboratory Wing.



Pala Wastewater Treatment Plant and Rework Lift Station
#2, Pala, California

Administration and Process Buildings
Architectural Design Manager / BIM / Design/Build

Design-Build Institute of America (DBIA) Award Winner
"Best Project – Water"
2009 DBIA Western Pacific Region Award

BIM Software (Revit) was used to provide Full AE services to the Pala Indian Reservation for a new Wastewater Treatment Plant. Included in the design was an administration building which was designed to achieve a LEED Certified level (the client opted to not be certified). Interior spaces included daylighting and the building was oriented for optimal light. The exterior was constructed of CMU in both buildings. A beam and crane was designed for moving and servicing equipment in the Process Building.



Lake Bluff Public Works Administration and Maintenance Building, Village of Lake Bluff, Illinois.

Architect for preliminary schematic package for 8,200-square-foot building that included Public Works offices and a maintenance garage. Provided wash bay and two repair bays in the maintenance garage with lube room, parts storage, shop, supervisor's office and equipment storage area.

Section 5 ~ Civic Projects

Healthcare Facilities

\$34.5M Osan Hospital Addition & Renovation, Osan Air Base, Korea (+LEED Documentation) (SDK & TJD)

Mr. Woods was the Project Architect during the Design Charrette at Osan Air Base and provided architectural LEED documentation during the course of the project. The purpose of this project is to construct a new 2-story medical addition adjacent to the existing hospital facility, a second floor addition (Upper Level) to be located over the existing single story portion of the existing hospital facility, and areas of Alteration work within both, the Upper and Lower Levels, of the existing Hospital Building 777 for the 51st Medical Group (51 MG) at Osan Air Base.

The total area for the additions was hospital renovation was 24,542 square feet. for a total of 50,742 square feet.



Huntington Outpatient Services Pavilion, Pasadena, CA HDR Project Manager

The Huntington Outpatient Services **Pavilion** is a \$38 million medical office building taking $\frac{3}{4}$ of the block bounded on the northeast by South Fair Oaks Avenue and California Blvd. in the City of Pasadena.



The work consists of one Medical Office Building containing approximately 193,867 GSF (gross square feet) in three (3) stories for a portion of the building and four (4) stories for the remainder of the building. The project also included a 234,000 square foot 683 vehicle parking structure of 6.5 stories, 2.5 of which were subterranean. Thirty bike pods were provided for alternative transportation. Approximately 10% of the site was landscaped, including a public art feature.

The facility includes patient drop off areas with covered canopies, a garden for contemplation, two central cores with lobbies, 7 elevators, and support. Tenant improvement areas (by others) included: Ambulatory Surgery Center; Oncology Treatment Center; Imaging Center; Woman's center; Café; and provision for two future Linear Accelerators for Cancer Treatment.

Site challenges included underground fuel storage tanks, and a 7 foot cross-slope within the building footprint.



St. Joseph Health System

St. Jude Outpatient Center, Fullerton, CA

HDR Project Manager (through schematic design prior to taking over larger project)

Project included a 551 space 8.5-story Parking Structure and 104,000 GSF, 4-Story Medical Office Building. This building was integrated with an existing 76,252 gsf Medical Office Building. Construction was steel frame with composite concrete floors. A portion of the new building spanned over the existing drive-way to the patient drop-off circle and connected the building to the parking structure.



Sharp Grossmont Hospital

Grossmont Hospital Outpatient Imaging Center, La Mesa, CA

HDR Project Design Manager

This was a \$1.5M, 11,000 sf, 60 room, tenant improvement for outpatient services. The project included waiting and registration areas, consultation and doctor offices, phlebotomy draw and lab, EKG, general X-Ray, radiology and fluoroscopy, ultrasound, MRI, CT, and support areas such as sub-waiting areas, restrooms, changing rooms, staff lounge, maintenance and storage rooms.

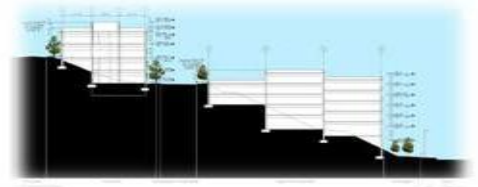


Sharp Grossmont Hospital
Grossmont Medical Terrace Office Building, La Mesa, CA
HDR Project Design Manager

Completed in 2008, HDR designed the new medical office building to blend with the existing architectural styles of a new hospital tower and another existing medical office building. The design creates a smooth, integrated facade for the northern rim of the healthcare campus.

This \$15M Medical Office Building had a challenging building site which was small, steeply sloping, and contained uncompacted fill. The 62,185 gsf, 5-story, MOB was constructed on a caisson and grade-beam foundation with a braced steel frame, composite concrete floors, and integrated retaining walls of CMU and cast-in-place concrete.

To solve the problem of a shortage of parking for the hospital -- in addition to providing parking for the new MOB -- HDR designed the parking structure with room for 750 vehicles. The design also accommodates pedestrian movement of staff from the parking garage to the hospital using the MOB as a vertical link.



Grossmont Medical Office Building (HDR)

Chiller Expansion, St. Lukes Hospital, San Antonio, Texas.
Stichler Design Group Project Architect

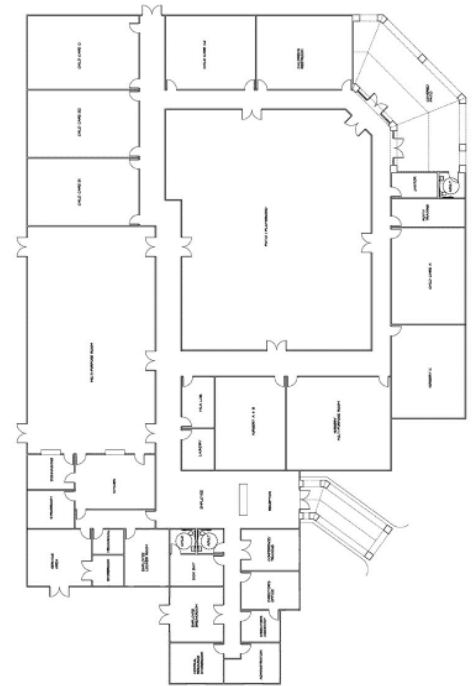
Responsible for design and construction documentation for plant chiller expansion for the hospital complex. Provided demolition drawings for existing spaces and documented new construction, equipment, and coordinated consultants.



Tyco Healthcare, Child Care Center, Kendall Plant, Tijuana, Mexico.

Earth Tech Project Architect

Designed a child care center servicing the employees of a healthcare product manufacturing plant. The design was used to develop Capital Expense Request for plant. Performed programming functions for the client and developed preliminary site, floor plan and exterior design for the facility. The facility was designed to accommodate 58 Nursing children and 124 Toddlers (ages 4 months to 4 years) for a total of 182 Children. Site design accommodated a child drop off area and employee parking. Interior spaces included kitchen, multipurpose room, laundry, milk prep laboratory, infirmary, administrative offices, training room, break room, locker room, mechanical room, 3 nurseries and 5 classrooms for child-care. An interior courtyard provided a highly controlled recreation area and sodded areas, exterior to the building, provided more athletic recreation spaces

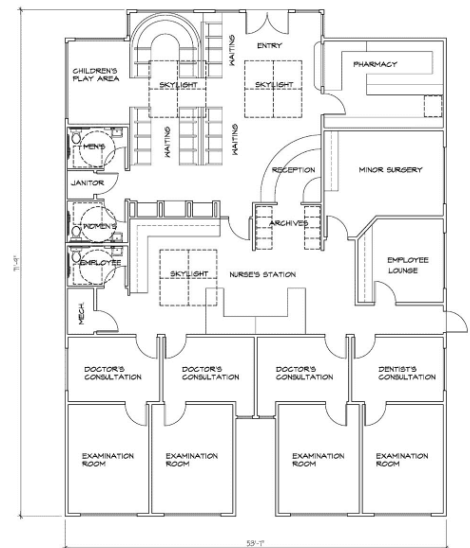


Employee Child Care Center, Kendall Healthcare Plant, Tijuana, BC, Mexico

Tyco Healthcare, Medical Clinic, Kendall Plant, Tijuana, Mexico.

Earth Tech Project Architect

Preliminary design and programming of a medical and dental clinic serving the employees of a healthcare product manufacturing plant and residents in the surrounding community. The building included waiting area, children's play area, public restrooms, reception and a pharmacy. Employee area included nurse's stations, employee restroom, archives, and lounge. Professional areas included 3 doctor consultation offices, a dentist's consultation, 4 examination rooms and a minor surgery room.



Tyco Healthcare, Medical Clinic, Kendall Plant, Tijuana, Mexico

Food Service

Big Bear Markets Central Bakery. (WW&A) Provided design, consultant coordination, and construction documentation for a 4,960-square-foot production bakery supplying bakery goods for a regional market chain. This was part of the **Jonathon's Market, Via De La Valle, California.** Which contained a 43,891-square-foot market and 1,413-square-foot retail lease space. This was an upscale market catering to a high-income clientele. Obtained health department approval and building permits.



Jonathon's Market, Via De La Valle,
Del Mar, California.

San Diego City Schools District, Food Processing and Distribution Center. (SDG) Provided concept and feasibility study for 100,000-square-foot facility with a construction estimate of \$11,900,000. Provided consultant coordination and concept design documentation. This facility was thought to be the largest of an automated food processing center for schools and was intended to provide approximately 115,000 meals a day for 120 elementary schools, 22 middle schools, and 16 high schools.



Bruegger's Bagels, Aliso Viejo, California. (SC) Provided space planning, consultant coordination, construction documentation, submittals, shop drawing review, contract administration and permitting, including health department approvals, for a bagel bakery/restaurant in a new shopping center. The project included coordination and modifications made to a building under construction with the shopping center developer.

Bruegger's Bagels, Corona Del Mar, California. (SC) Provided space planning, consultant coordination, construction documentation, and permit processing, including health department, for a bagel bakery/restaurant serving bagels, sandwiches, and beverages. The existing building was a former bank in a coastal community which required renovation and ADA upgrades.

Bruegger's Bagels, La Jolla, California. (SC) Provided space planning, construction documentation, and consultant coordination for a bagel bakery/restaurant in an exclusive San Diego community. The existing building was a former bank which required ADA upgrades and structural modifications. Obtained permits from the building department and health department.

Bruegger's Bagels Central Bakery. (SC) Provided design, consultant coordination, and construction documentation for a production bakery supplying bakery goods for a regional bagel restaurant chain. Quick chill units were used to preserve unbaked bagels for shipment to distribution restaurants which baked the bagels on site. Obtained health department approval and building permits.

Seattle's Best Coffee, Dana Point, CA. (SC) Provided space planning, construction documentation, and consultant coordination for a coffee shop serving pastries and beverages. Obtained permits from the building department and health department. The existing building was a former bank in a coastal community, which required renovation and ADA upgrades. Wood decking was constructed for outdoor seating.



Boston Market. (SC) Provided space planning, construction documentation, and consultant coordination for a Boston Market restaurant. This prototypical restaurant was designed to incorporate design standards. Services included permitting, including Health Department.



Solana Beach Yacht Club. (CAWI) Provided space planning, construction documentation, and consultant coordination for restaurant/cocktail lounge. An exhibition cooking area was included as well as a nautical theme.

Ole's Danish Pastry Restaurant and Bakery. (CAWI) Provided space planning, construction documentation, and consultant coordination for a coffee shop and production bakery. Services included permitting, including Health Department.

Tenant Improvements

Earth Tech, Corporate Offices Tenant Improvement, Long Beach, California. Project architect for 1,744-square-foot renovation and remodel of corporate offices. Provided demolition, design, construction documents and detailing, and specifications and ADA accessibility analysis. Created 13 workstations using modular workstation components. Renovated single office into 3 offices with permanent partitions. Provided complete finishes.



Exotic Travel, Solana Beach, California. Provided space planning, demolition plans, construction documentation, and consultant coordination for an upscale travel agency in an existing shell.

Exotic Travel, Fairbanks Ranch, California. Provided space planning, construction documentation, and consultant coordination for an upscale travel agency catering to a high-income area in an exclusive area of San Diego.

Office Tenant Improvement, San Diego Metropolitan Transit Development Board, 1501 National Avenue, San Diego, California. Project architect for an office tenant improvement and ADA accessibility for a temporary office trailer. The scope consisted of a second floor, 3,000 square foot interior remodel in a 2-story brick office building constructed around 1940. Demolition included removal of existing partitions and finishes. Improvements included construction of 9 offices, remodeling of toilet rooms to meet ADA requirements, new break room, new suspended ceiling and lighting, addition of 3 modular workstations, electric wiring upgrades, new HVAC units and upgraded finishes. A temporary trailer was moved on-site and ADA parking and ramp accessibility to the trailer was designed.



Schafer Retail/Residential Strip Center, San Diego County, California. Principal in charge of the conceptual design and construction documentation for rehabilitation of an existing strip center and the addition of a second story residential component. Provided full architectural services including design, coordination with the San Diego County Building and Zoning Departments, consultant coordination and permitting.

Encad. Provided space planning and construction documentation for corporate offices of high-tech company.

Mission Valley Escrow. Provided space planning, consultant coordination, construction documentation, and permitting for corporate of escrow company.

Lender Support Systems. Provided space planning, consultant coordination, construction documentation, and permitting for offices of a mortgage company.

Emergency Generator, Gateway Computers Corporate Offices. Provided design, consultant coordination, construction documentation, and permitting for 25KW diesel emergency generator in a detached building for corporate offices of high-tech company. Facility required permits from Health and Fire Departments due to the hazardous nature of diesel generators and 1,500-gallon fuel storage tank.



Schafer Office Building. Provided design, consultant coordination, construction documentation, and permitting for a second story office addition to existing corporate offices of development company.

Retail Shops and Commercial

Kinko's, Nationwide. Provided program and project management in development of construction documentation, consultant coordination, submittals, shop drawing review, contract administration and permitting for 20 Kinko's in 12 states, including California, Hawaii, Florida, Wisconsin, Georgia, and Kentucky. Stores ranged in size from 4,000 square feet to 8,600 square feet and included state-of-the-art video conferencing and printing facilities with budgets up to \$1.4 million. Worked with city and county agencies for approvals of zoning, fire, building, and other code enforcement departments.



Kinko's projects:

Madison, WI	8,616 square feet
Kahului, Maui, HI	3,880 square feet
Olathe, KS	6,500 square feet
Milwaukee, WI	8,063 square feet
Norman, OK	6,281 square feet
Rocky River, Ohio	5,345 square feet
Lexington, KY	6,972 square feet
Melbourne, FL	6,080 square feet
Cincinnati, OH	6,558 square feet
Albuquerque, NM	7,467 square feet
Plantation, FL	6,510 square feet
Stockton, CA	7,000 square feet
Kansas City, MO	7,000 square feet
Honolulu, HI	4,998 square feet
Clearwater, FL	6,170 square feet
Blue Ash, OH	6,726 square feet
Evanston, IL	5,634 square feet
Atlanta, GA	7,428 square feet
Worthington, OH	1,784 square feet
Regional Training Center,	
Hyde-Park, OH	6,500 square feet

Lucky Markets Provided design, construction documentation and consultant coordination for Lucky Markets for the partial demolition and remodeling of Lucky Markets in Rialto, San Diego, Oceanside, and Vista, California



Big Bear Shopping Center, 54th & El Cajon, San Diego, California.

Provided design, coordination and permitting with zoning, fire and building departments, construction documentation and consultant coordination for a mixed-use project incorporating a 28,000-square-foot Big Bear Market, 15,400-square-foot, two-story office building and 32,000-square-foot, two-story parking structure. This was a neighborhood market catering to a local clientele.



Big Bear Market, 54th and El Cajon Boulevard, San Diego, California.

Front Page Retail Store, Santa Barbara, California. Provided space planning, construction documentation, and consultant coordination for an prototypical innovative card and stationary store with curved suspended ceiling and indirect lighting intended to draw the client to the rear of the store.

Retail Shopping Centers

Via De La Valle Shopping Center. Provided design and construction documentation for a 50,000-square-foot market anchor with production bakery and 30,000 square feet of retail lease space in a separate building. Unique problems to the site was its location in alluvial soil requiring surcharging to mitigate settlement prior to construction and a site elevation below the public sewer necessitating a waste water storage tank and ejector pump. Coordinated consultants and design with client and leasing agents.



Jonathon's Market, Via De La Valle,
Del Mar, California.

Navajo Road Shopping Center. Provided design and construction documentation through permitting for a community shopping center with a 45,000-square-foot Walker Scott Department Store as anchor with 15,000 square feet of retail lease space and a two-story office building.



Mixed-use Projects

East Village Square, San Diego, California. (CJ) Project Architect for Schematic Design of the \$65 million retail, office, and parking portions of the San Diego Padres Ballpark, which included 3 buildings over 3 city blocks, ranging from 5 to 8 stories, wrapping a public park that overlooks center field in the new ballpark. The project contains 200,000 square feet of retail, 250,000 square feet of office space, and parking for approximately 500 automobiles in a subterranean parking basement. Provided designs, accomplished grading studies, coordinated consultants, directed design documentation, provided alternative designs to meet client's Performa, designed residential component alternative, aided leasing agents with marketing materials, and participated in client meetings and presentations.

The historic preservation portion of the project includes adaptive reuse of two 3-story brick buildings, the moving and adaptive reuse of a third 3-story brick Candy Factory, and the in-place preservation of a one-story façade and reconstruction of the interior space in the new structure. Coordinated development restrictions and historic structures with the Center City Development Corporation; the city of San Diego's redevelopment agent.



Kvaas Construction facade preserved as a portion of the Park at the Park.

San Diego Spectrum, San Diego, California. (CJ) As project architect, provided concept site design studies for a 385,000-square-foot entertainment and retail complex with parking for more than 1,200 vehicles. The proposed "big box" anchor was the Sam's Club and the multi-screen movie theater was adjacent to food court and retail lease spaces.



Standing on the future pitcher's mound at Petco Park with Showley Brother's Candy Factory in the background.



Park at the Park (Carrier Johnson)



Standing on the future pitcher's mound at Petco Park with Western Metal Supply in the background.

Big Bear Shopping Center, 54th & El Cajon, San Diego, California. (WW&A) Provided design, coordination and permitting with zoning, fire and building departments, construction documentation and consultant coordination for a mixed-use project incorporating a 28,000-square-foot Big Bear Market, 15,400-square-foot, two-story office building and 32,000-square-foot, two-story parking structure.



Big Bear Market, 54th and El Cajon Boulevard, San Diego, California.

Jonathon's Market, Via De La Valle, California (WW&A) Provided design, consultant coordination, and construction documentation for a 43,891-square-foot market, 1,413-square-foot retail lease space and a 4,960-square-foot production bakery supplying bakery goods for a regional market chain. This was an upscale market catering to a high-income clientele. Obtained health department approval and building permits.



Schafer Retail/Residential Strip Center, San Diego County, California. (WM) Principal in charge of the conceptual design and construction documentation for rehabilitation of an existing strip center and the addition of a second story residential component. Provided full architectural services including design, coordination with the San Diego County Building and Zoning Departments, consultant coordination and permitting.

Intracorp 12th and G Mixed-Use Project, San Diego, California. (CJ) Project architect responsible for conceptual designs and documentation for entitlements from the Center City Development Corporation for a five-story retail/condominium project in the Center City area. This project contained one story of subterranean parking, one story of street level enclosed parking with retail lease space and four stories with 60 one- and two-bedroom condominiums.

Intracorp 4th Avenue and J Street Mixed-Use Project, San Diego, California. (CJ) Project architect responsible for conceptual designs and documentation for entitlements from the Center City Development Corporation for a six story retail/condominium project in the Center City area. This project contained two stories of subterranean parking, one story of street level enclosed parking with retail lease space, and five stories with condominiums. Fronting on the Chinese/Asian Thematic Historic District on 4th Avenue and the Gaslamp Quarter Historic District on 5th Avenue, this concept provided a transition between the two districts by changing scale and articulating subtle changes from one district to the next.

Parking Structures

East Village Square, San Diego, California. Produced designs and grading studies for approximately 500 parking spaces in a multilevel, subterranean, parking structure under the office and retail portion of the San Diego Padres Ballpark. Concept included parking under the façade of an historic building, kept in place during construction as a requirement of the historic preservation component of the Ballpark District.



Big Bear Shopping Center. Provided design, construction documentation and consultant coordination for a two-story, partially subterranean, parking structure serving a mixed-use project incorporating a Big Bear Market and two-story office building at the second level.

AmeriSuites Hotel, San Diego, California. Provided conceptual design and documentation as part of the San Diego Ballpark District Master Plan. Concept included street level retail uses, multistory parking structure for 280 cars, terrace pool area and 196 guest units in a 10-story structure.



Intracorp 12th and G Mixed-Use Project, San Diego, California. Provided conceptual designs and documentation for entitlements from the Center City Development Corporation for a five story retail/condominium project in the Center City area. This project contained one story of subterranean parking, one story of street level enclosed parking with retail lease space and four stories with 60 one- and two-bedroom condominiums.



Intracorp 4th Avenue and J Street Mixed-Use Project, San Diego, California. Provided conceptual designs and documentation for entitlements from the Center City Development Corporation for a six story retail/condominium project in the Center City area. This project contained two stories of subterranean parking, one story of street level enclosed parking with retail lease space, and five stories with condominiums. Fronting on the Chinese/Asian Thematic Historic District on 4th Avenue and the Gaslamp Quarter Historic District on 5th Avenue, this concept provided a transition between the two districts by changing scale and articulating subtle changes from one district to the next.



Other Parking Structures as part of Projects:
Sharp Grossmont Hospital Medical Office Building, La Mesa, California

Huntington Hospital Outpatient Services Pavilion, Pasadena, California

St. Jude Medical Office Building, St. Joseph Healthcare, Fullerton, California

City of Beverly Hills Operations Service Center, Beverly Hills, California



Lodging Hospitality

Premier Motels and E-Z 8 Motels, Various Locations, California.

Provided programming, planning, conceptual design, presentations at public hearings, coordination of consultants, construction documentation, permit processing and construction observation in the development of over 1,350 guest rooms spread over 13 properties throughout California. Facilities typically included swimming pool and spa, manager's living quarters, lobby, laundry and housekeeping facilities. The following is a list of sites:

- 139 units at 5555 Cedar Court, Newark
- 128 units at 4747 Pacific Highway, Old Town, San Diego
- 117 units at 3333 Channel Way, Sports Arena, San Diego
- 101 units at 5200 Olive Tree Court, Bakersfield
- 80 units at 15366 La Paz, Victorville
- 102 units at 43530 N. 17th Street West, Lancaster
- 39-unit addition at 8424 Hotel Circle Place, Mission Valley, San Diego
- 110 units at 7851 Fletcher Parkway, La Mesa
- 117 units at Waterman Avenue, San Bernardino
- 87 units at Outer Road, South Bay, San Diego
- 112 units at 1250 El Cajon Blvd., El Cajon
- 100 units at Enterprise Way, Oakland
- 118 units at Palmdale Blvd. at Freeway 138, Palmdale



The West's Finest Budget Motor Hotels



Vagabond Motor Hotels, Various Locations, California and Arizona.

Provided presentations at public hearings, coordination of consultants, construction documentation, permit processing and construction observation on projects in:

- Tempe, Arizona
- Sacramento, California
- Rosemead, California
- Mountain View, California
- Hayward, California
- Ventura, California.



Doubletree Golf Resort Expansion, San Diego, California. Provided programming and conceptual design including studies and recommendations for a 30,000-square-foot meeting facility with ballroom and the addition of 84 guest rooms, both over parking structures. Concept included relocating housekeeping and laundry functions to improve servicing guest units and expansion of restaurant to accommodate banquets. [\$12 million]



AmeriSuites Hotel., San Diego, California Provided conceptual design and documentation as part of the San Diego Ballpark District Master Plan. Concept included street level retail uses, multistory parking structure for 280 cars, terrace pool area and 196 guest units in a 10-story structure.



All-Seasons Chula Vista Motel. Provided design and construction documentation for two-story, 100 guest room motel with housekeeping, laundry, and pool facilities.

Vehicle Maintenance Facilities

City of Beverly Hills, Operations Service Center and Parking Structure, Beverly Hills, California.

Design manager and architect of record for this *LEED Silver Registered*, \$22 million design-construction management project. The project is located next to the water treatment plant that Earth Tech designed, built, financed, and now operates for the city.

The project consists of a sequence of activities, including:

- Phase 1: construction of a temporary operations center; relocation of the current operations center to the temporary location; demolition of existing buildings in the construction site; and constructing new power and telephone service to the fuel island.
- Phase 2: construction of a new operations service center, parking structure, emergency generator, supporting structures, site improvements, and landscaping.

The new 45,000-square-foot facility will house 13 vehicle maintenance bays including: 6-light vehicle bays; emission bay; four high-roof heavy truck bays; tire bay; and welding and fabrication bay and a number of maintenance shops including communication equipment shop, machine shop, central tool room, locksmith, general fabrication shop, and facility maintenance shop. The central store is over 7,000 square feet with high rack storage. Support facilities include men and women lockers and showers; technical library; service counter and lobby; second story administrative offices with break-room; emergency power generators; chassis wash bay with water recovery system; and training and conference room

The integrated parking structure of cast-in-place concrete, includes parking for 316 vehicles. This is accomplished with two decks below grade and two decks above grade.

The entire facility is an “essential building” under the building code and must meet higher standards of construction to assure operation in times of natural disaster or other calamity. The two diesel powered generators will keep the building in 7/24 operation during times of crisis, enabling fire, safety, water treatment and public works operations to continue service to the public.

Sustainability design goals include attaining a Silver Certification under the LEED™ Rating System for New Construction. Strategies will be employed to reduce storm water run-off, reclamation of storm and process water, reduced energy consumption, reduced potable water consumption, recycling of wastes, recovery and use of oil for heating, extensive use of daylight illumination, improved indoor air quality, use of recycled or rapidly renewable resources and regionally produced products. A non-polluting renewable-energy source, Photovoltaic Arrays, will be utilized to produce a portion of the electricity used. Alternative transportation will be encouraged by design considerations. Use of landscaping and high-albedo roofing and paving materials will help reduce the heat-island effect of the development.

Section 13 ~ Vehicle Maintenance Facilities



Final Note: After the maintenance portion of the project was moved to a temporary facility, there was a change of Planning Directors and an election of a new City Council. The project was put on hold. The new council, after my move to HDR, decided to radically change the scope of the project, including addition of new buildings and uses. The new uses and buildings required a complete redesign of the facility. Earth Tech completed design for the maintenance facility which was subsequently constructed.

Metropolitan Transit Development Board, Conversion to Training and Vehicle Maintenance Facility, San Diego, California.

Project architect for the remodeling of a one-story, 8,100-square-foot, tilt-up concrete warehouse and office building located adjacent to client's existing bus maintenance facility, which included 2,800 square feet of classrooms, offices, and ADA-compliant restrooms, a parts and storage room with storage racks and secured access, two service bays, and a tire bay. The conversion required demolition of existing interior partitions, mechanical systems and glazing. Additionally, the program included enlarging one existing roll-up door opening, cutting a new roll-up door in an existing tilt-up panel, and removal of two structural columns to create larger service bays. Sustainable design features included: furring and insulation of perimeter walls in the offices and training rooms; ceiling insulation in the service bays; water-conserving fixtures; and skylights to provide natural daylighting in work areas. Designed new storefronts, removal of a loading dock, a new roofing system, and renovated exterior finishes.



Lake Bluff Public Works Administration and Maintenance Building, Village of Lake Bluff, Illinois.

Architect for preliminary schematic package for 8,200-square-foot building that included Public Works offices and a maintenance garage. Provided wash bay and two repair bays in the maintenance garage with lube room, parts storage, shop, supervisor's office and equipment storage area.

Telecommunications Facilities

TyCom Fiber-Optic Cable Manufacturing Plant. (ET) Provided code analysis in support of construction staff for design/build proposal to Tycom for a new west-coast two-story plant of approximately 880,000 square feet. Researched construction requirements for potential sites in Eureka, California, and Grays Harbor, Washington, and prepared written analysis. Included in analysis: alternative construction types, exiting criteria and ADA requirements for cost analysis. Also prepared responses to questions generated by the client after receipt of the proposal.

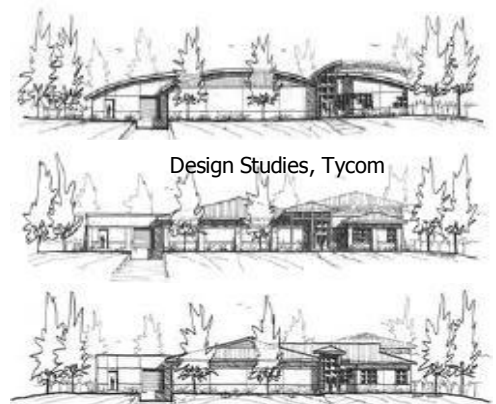
TyCom Mediterranean Fiber-Optic Transmission Ring. (ET) Provided architectural conceptual and schematic design on Regional Operations Center and Switching Station for undersea fiber-optic transmission lines in Barcelona, Spain. Provided conceptual design studies for exteriors and schematic design of 17,000-square-foot floor plan. Planned for 100% redundancy of battery room, transmission room, co-location room and emergency generator room. Designed spaces included lobby with security desk, director's office with conference area, four manager's offices, conference room, training room, break room, 12 workstations, and video monitoring room with four monitoring stations and 20' x 15' video screen. Provided space for Inergen fire suppression system. Program was for an intensive 40% design package within 30 days with an inter-disciplinary team from the US, Canada and UK in Chicago, Illinois, for design of eight cable stations around the Mediterranean Sea that terminate and transmit communication and the cable station houses the telecommunication equipment. The facilities are staffed with five to nine people and require transmission equipment, back-up power, security and fire suppression in which all have redundancy. The buildings varied in size from 15,000 to 40,000 square feet.

Pacific Bell, Various Locations, California. (SDG) Project Manager providing site selection assistance, site visits, concepts and designs, construction documentation, consultant coordination, permitting, submittals, shop drawing review and contract administration for over 66 Wireless Transceiver Sites. Stealth installations included secreting antennas in false facades, steeples, towers and flagpoles. Sites included San Luis Obispo County to the Mexican border.

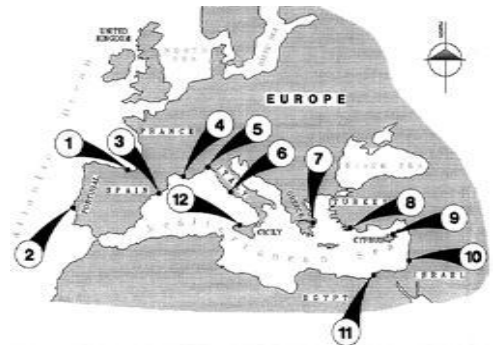
Nextel. (SDG) Project manager providing concepts and designs, construction documentation, consultant coordination, permitting, and contract administration for wireless transceiver sites. Stealth installations included secreting antennas in false facades, in mansard roofs and simulated palm trees.

ComSites, Santee, California. (SDG) Project manager providing concepts and designs, construction documentation, and consultant coordination for wireless transceiver site. Project was a transceiver tower with transceiver location to accommodate up to seven wireless company installations, including ground equipment. Remoteness and topography made fire department access sub-standard and alternative fire suppression equipment was used for compliance with fire department requirements.

tyco / Telecommunications



Design Studies, Tycom



TyCom Mediterranean Fiber-Optic Transmission Ring

PACIFIC BELL
NETWORK

NEXTEL |



Pacific Bell Telecomm Sites

San Diego County Sites:

Camp Pendleton SD-102-02
Modular Planter SD-122-01
Vandegrift SD-208-03
UCSD SD-217-06
Innovative Time SD-224-13
Chabad SD-254-06
Church of Clairemont SD-256-01
Embassy Suites SD-279-03
Etchings Residence SD-286-01
Fischer Residence SD-282-03
4282 Genesee SD-286-03
Genesee Redesign SD-286-03A
Crest Way Water Tank SD-288-01
Eastlake Country Club SD-292-04
San Francisco Peak –
Oceanside Water Tank SD-297-02
West Coast Baptist SD-297-03
Encinitas Kawasaki SD-301-04
Mellano Farms SD-306-02
Ocean Inn, Encinitas SD-307-01a
Montgomery Residence SD-311-04
Four Seasons Resort SD-313-02
Gaty Water Tank
(Horizon Club) SD-314-03
Paychex SD-317-01
Brown Water Tank SD-318-01
Grossmont College SD-318-02
Calavo Water Tank SD-319-02
Sports Arena SD-320-02
Green Manor SD-321-01
Romero & McNally SD-322-04
Skyline Wesleyan Church SD-324-01
Paradise Mesa Standpipe SD-326-01
Sorrento Tower SD-327-01
PIP Printing, Fairmount SD-328-05
Westminster Seminary SD-330-03
Four Gee SD-331-01
Kreitzer Residence SD-331-02
Landmark Corp. SD-332-01
McDowell Residence SD-333-01
Poway High School SD-338-06
Joshua Way SD-339-01
Jamul Water Tank SD-344-01
Spring Canyon Park SD-345-01
Airline Interiors SD-346-01
Buehler Reservoir SD-347-01
KFMB Tower SD-360-01
Otay Mesa Tower SD-361-01
Oscar Padilla Insurance, San Ysidro
Douglas Residence, Vista
SDG&E near Palomar Road, Carlsbad
Lake Arrowhead Resort, Lake Arrowhead

Orange, San Luis Obispo and Los Angeles County Sites:

Northridge – Roscoe Blvd. LA-641-01
Rancho San Antonio
Medical Center CM-380-03
Sheraton, San Gabriel LA-012-02
Arroya Grande LA-556-01
TV Tower Road LA-557-02
Ortega Highway CM-278-03
Fontana CM-366-01
Upland - Action Orthopedic CM-431-01
U-Haul, Canyon Country LA-603-02
U-haul - Covina LA-626-01
South Hills Plaza
(Azusa Ave) West Covina LA-628-01
Doctor's Medical Plaza LA-640-01
Encino Office Park II LA-656-01
Crespi High School LA-655-01
San Rafael Elementary LA-657-01
Dolby labs LA-677-03
St. David's Church –
11605 Magnolia LA-694-01

Nextel Communications Telecomm Sites:

Casa de Oro CA5-105C
San Onofre II QD165
San Gabriel Sheraton CA6034C
Rose Canyon (Schuss/Clark)
Solana Beach (Schuss/Clark)



Industrial Facilities

Tyco Healthcare, Kendall Plant Addition Design-Build, DeLand, Florida. Design manager and project architect for \$7.5 million, 62,000-square-foot factory addition to the existing manufacturing plant for a new product line. This high-performance building had stringent manufacturing requirements for indoor air quality and control. Energy efficient HVAC units, energy efficient lighting and EMS control system were utilized. An adjacent lake made stormwater management and ground water quality extremely sensitive challenges and responded to with vegetated filter strips, grassed swales, and detention ponds. Construction consisted of steel frame and steel panel building with class 100K clean rooms, emergency power system, docking and warehousing, staff support facilities and break room, machine shop and mold maintenance room. Design met rigid HVAC requirements for temperature and humidity control for product production rooms in the difficult Central Florida climactic region. Developed design program with plant staff and produced conceptual designs. Coordinated with client's civil engineer and fire suppression consultants. Met with city planning, building and fire officials and integrated city requirements into design. Executed fast-track 12-week design schedule, which included schematic design, design development, and construction document phases. Assisted construction staff in developing material to successfully obtain a contract for the construction portion of the project, which then evolved into a design/build project. Design efforts were coordinated between the Oak Brook, Grand Rapids, Orlando, Greenville, and San Diego Earth Tech offices. The savings to the client by end of construction was nearly \$1 million less than the initial total contract.



Kendall Healthcare Syringe
Manufacturing Plant, DeLand, Florida



Kendall Healthcare, DeLand, Florida

National Steel and Ship Building Company, San Diego, California. Provided bidding and technical assistance to construction team for \$2.2 million fabrication table with crane to be constructed at the shipyard.



Proto Precision Machine. Principal in charge of space planning and construction documents for a 3,000-square-foot high-tech machining operation in an existing shell building. Coordinated consultants and provided design and construction documentation through building department and health department permits.

Hathaway Warehouse, Shop, and Offices. Principal in charge of complete architectural services from programming, conceptual design, construction documentation, consultant coordination, submittals, shop drawing review, contract administration and through permitting for this 11,000-square-foot production cabinet manufacturer with warehousing and second story offices.

Hill Street Mini-Warehouse. Principal in charge of full architectural services, including grading studies, submittals, shop drawing review and contract administration, for 3 tiered self-storage facility with resident manager apartment. The 43,500-square-foot project was dispersed in 3 buildings with ground level garage door access and second floor access to 2-tiered storage lockers. The project was situated on an unusually long and narrow property sandwiched between railroad and freeway rights of-way. Coordinated consultants developed construction documents and obtained required permits.



Transit Facilities

Metropolitan Transit Development Board, Conversion to Training and Vehicle Maintenance Facility, San Diego, California.

Project architect for the remodeling of a one-story, 8,100-square-foot, tilt-up concrete warehouse and office building located adjacent to client's existing bus maintenance facility, which included 2,800 square feet of classrooms, offices, and ADA-compliant restrooms, a parts and storage room with storage racks and secured access, two service bays, and a tire bay. The conversion required demolition of existing interior partitions, mechanical systems and glazing. Additionally, the program included enlarging one existing roll-up door opening, cutting a new roll-up door in an existing tilt-up panel, and removal of two structural columns to create larger service bays. Sustainable design features included: furring and insulation of perimeter walls in the offices and training rooms; ceiling insulation in the service bays; water-conserving fixtures; and skylights to provide natural daylighting in work areas. Designed new storefronts, removal of a loading dock, a new roofing system, and renovated exterior finishes.



Office Tenant Improvement, San Diego Metropolitan Transit Development Board, 1501 National Avenue, San Diego, California.

Project architect for an office tenant improvement and ADA accessibility for a temporary office trailer. The scope consisted of a second floor, 3,000 square foot interior remodel in a 2-story brick office building constructed around 1940. Demolition included removal of existing partitions and finishes. Improvements included construction of 9 offices, remodeling of toilet rooms to meet ADA requirements, new break room, new suspended ceiling and lighting, addition of 3 modular workstations, electric wiring upgrades, new HVAC units and upgraded finishes. A temporary trailer was moved on-site and ADA parking and ramp accessibility to the trailer was designed.

from one district to the next.



Southern California Regional Railway Authority, METROLINK Vincent Grade – Acton Station Expansion

Project Manager for the design and expansion of the existing commuter station including enhanced concrete treatment of platform, ADA accessibility, surface parking and coordination of Civil and building design team. Design included planning for future expansion.



Recreation Facilities

Otay River Constructors, Sweetwater Regional Park, County of San Diego, California.

Design manager and project architect through Schematic Design for numerous structures as part of a \$1,200,000 upgrading of a regional park and equestrian campground by Caltrans. The structures include a 2,000 square foot Meeting and Game Room; a 3,000 square foot public swimming pool with restroom and shower facilities; a $\frac{3}{4}$ acre children's playground with adjacent restroom facilities (650 square feet); enclosing of an open-frame pavilion; design of a new 2,300 square foot event pavilion; and design of four 15' diameter picnic table shade structures. ADA universal accessibility was an integral design component. Structures incorporated LEED principles in sustainable design for minimal energy usage, daylighting strategies, post-consumer and post-industrial materials, water conservation, and regionally supplied materials.

Otay River Constructors, Sweetwater Valley Little League Complex, County of San Diego, California. Design manager and project architect for Schematic Design of a \$3,500,00 Little League Baseball Complex. Design goal was to maintain the rustic, country feel of the neighborhood. Design included grading of approximately 40,000 cubic meters of cut and 40,000 cm of fill in a balanced site. Four 200' little league baseball fields and one 300' baseball field were designed, complete with dugouts, backstops, fencing, and bleachers. Structures included a 2,000 square foot Concession Stand/Restroom/Community Room structure and a batting cage. Operating costs were of concern to the Little League, so low maintenance, low water consumption, and low energy consumption were design goals. Building features included orientation and fenestration to maximize energy savings from daylighting. Fixtures of low water consumption were specified. Building materials were regionally produced concrete masonry units. Security for children in restroom facilities and play areas were aided by open, highly visible design. The fields had turf outfields with full irrigation systems. Landscaping in non-play areas were designed for drought tolerance and low maintenance and included irrigation systems for establishment of plant material and drought periods. Universal accessibility (ADA) was provided to all facilities and from the 160 space parking lot. An earlier phase of the complex, which included a single 300' field and parking for 39 cars had cost \$1,500,000. Earth Tech was called in to design this phase and value-engineer out excessive costs. Final Earth Tech value-engineering provided 5 times the ballfields, 4 times the parking, landscaping and grading, plus a concession stand and restrooms for a little more than double the cost of Phase I.



Historic Preservation and Adaptive Reuse

Ballpark District, San Diego, California.

The historic preservation portion of the project included adaptive reuse of two 3-story brick buildings, the moving and adaptive reuse of a third 3-story brick Candy Factory, and the in-place preservation of a one-story façade. The façade preservation required shoring and excavating beneath to construct above basement parking and reconstruction of the interior space within the new structure. Provided designs and concepts to adapt the structures for reuse as restaurant and retail spaces as components to the mixed use portion of the San Diego Padres Ballpark project. Coordinated consultants, directed design documentation, and prepared materials for presentation to historic preservation groups.



The painstaking process of moving the 30,000 square-foot historic "Candy Factory" building in East Village. More than 42 hydraulic dollies and an intricate cable winch system will attempt to lift and carry the 1,750-ton building 280 feet to the east, over an incline of 6.5 feet to its new foundation."



SEARS, ROEBUCK
AND CO.



CHICAGO,
ILLINOIS

Sears Building, San Diego, California.

Project manager for renovation and restoration of historic entrance in the former Sears and Roebuck Building in downtown San Diego. Coordinated structural modifications for ADA adaptations to historic entrance, coordinated interiors consultants, provided construction documents, obtained permits, and provided field consultation.

Multi-Family Residential - Condominiums

1200 Alki Avenue Condominiums, Seattle. Provided programming, planning, conceptual design, grading design, coordination of consultants, construction documentation, and permit processing in the development of 5 condominiums with rooftop garden and barbecue facilities. Prices ranged from \$1.5 million up to \$2.1 million for each flat. The construction was cast-in-place concrete. The ground level contained Lobby, elevator, utilities and enclosed parking with 5 stories of condominiums above (each floor was a single condo) and roof top garden. The Penthouse unit sold for \$3.25 million in 2006. (SDG)

Intracorp 12th and G Mixed-Use Project, San Diego, California. Provided conceptual designs and documentation for entitlements from the Center City Development Corporation for a five story retail/condominium project in the Center City area. This project contained one story of subterranean parking, one story of street level enclosed parking with retail lease space and four stories with 60 one and two-bedroom condominiums.

Intracorp 4th Avenue and J Street Mixed-Use Project, San Diego, California. Provided conceptual designs and documentation for entitlements from the Center City Development Corporation for a six story retail/condominium project in the Center City area. This project contained two stories of subterranean parking, one story of street level enclosed parking with retail lease space, and five stories with condominiums.

Camelot By The Bay Condominiums. Provided programming, planning, conceptual design, grading design, coordination of consultants, construction documentation, and permit processing in the development of 27 townhouse condominiums over enclosed basement parking.

Mapleview Townhouse Condominiums. Provided programming, planning, conceptual design, grading design, coordination of consultants, construction documentation, and permit processing in the development of 30 townhouse condominiums with pool and recreation facilities.

South Mollison Camelot Townhouse Condominiums. Provided programming, planning, conceptual design, grading design, coordination of consultants, construction documentation, and permit processing in the development of 29 townhouse condominiums with pool and recreation facilities.

Presioca Street Townhouse Condominiums. Provided programming, planning, conceptual design, grading design, coordination of consultants, construction documentation, and permit processing in the development of 30 townhouse condominiums with carports, pool and recreation facilities.

Saphire Street Townhouse Condominiums. Provided programming, planning, conceptual design, coordination of consultants, construction documentation, and permit processing in the development of 10 townhouse condominiums.



Mapleview Townhouse Condominiums
Lakeside, California



South Mollison Camelot Townhouse
Condominiums, El Cajon, California

Alpine Townhouse Condominiums. Provided programming, planning, conceptual design, coordination of consultants, construction documentation, and permit processing in the development of 7 townhouse condominiums.

Breihan Development Townhouse Condominiums, Lemon Grove, California. Provided programming, planning, conceptual design, coordination of consultants, construction documentation, and permit processing in the development of 17 townhouse condominiums.

Marina Pointe Condominiums, Valeta Street, Ocean Beach, California. Provided programming, planning, conceptual design, coordination of consultants, construction documentation, and permit processing in the development of 10 condominiums.

4220 Fifth Avenue Condominiums, Hillcrest, California. Developer providing design/build services including planning, conceptual design, coordination of consultants, construction documentation, permit processing, bidding, construction scheduling, and construction for development of 2-story, 6-unit condominium with covered parking. This infill project was of wood-frame construction and required relocation of an existing structure and demolition of foundations. The highly urbanized setting made traffic control and staging major considerations in planning and scheduling. [\$500,000, 1981]

San Juan Place Condominiums, Mission Beach, California. Provided programming, planning, conceptual design, coordination of consultants, construction documentation, and permit processing in the development of four bay-front condominiums on the boardwalk at Mission Beach. The 3-story wood-frame building faces beautiful Mission Bay and provides garages and a spacious penthouse.

Cedros Avenue Condominiums, Solana Beach, California. Provided programming, planning, conceptual design, coordination of consultants, construction documentation, and permit processing in the development of four condominiums in two duplex buildings near the Del Mar Fair Grounds. Living areas were placed on the second floor to take full advantage of the ocean view to the southwest.

Carling Villas Condominiums, San Diego, California. Provided planning, conceptual design, grading design, coordination of consultants, construction documentation, and permit processing in the development of seven condominiums.



San Juan Place Condominiums,
Mission Beach, California.



Cedros Avenue Condominiums,
Solana Beach, California

Multi-Family Residential - Apartments

Del Dios Villas, Escondido, California. Provided planning, conceptual design, grading design, coordination of consultants, construction documentation, and permit processing in the development of 28 apartments with pool and laundry facilities. (CAWI)



Del Dios Villas, Escondido, California

Sunshine Avenue Apartments, El Cajon, California. Provided planning, conceptual design, grading design, coordination of consultants, construction documentation, and permit processing in the development of 10 apartments with pool and laundry facilities. (GRS)



Lincoln Avenue Silver Oak Apartments, El Cajon, California. Provided planning, conceptual design, grading design, coordination of consultants, construction documentation, and permit processing in the development of 2.32 acres with 56 apartments with pool and laundry facilities. (GRS)



South Mollison Avenue Silver Oak Apartments, El Cajon, California. Provided planning, conceptual design, grading design, coordination of consultants, construction documentation, and permit processing in the development of 2.42 acres with 58 apartments with pool and laundry facilities. (GRS)

North Mollison Avenue Silver Oak Apartments, El Cajon, California. Provided planning, conceptual design, grading design, coordination of consultants, construction documentation, and permit processing in the development of 4.63 acres with 130 apartments with pool and laundry facilities. (GRS)



Lincoln Avenue Apartments,
El Cajon, California

Gold Coast Drive Silver Oak Apartments, San Diego, California. Provided planning, conceptual design, grading design, coordination of consultants, construction documentation, and permit processing in the development of 3.93 acres with 92 apartments with pool and laundry facilities. (GRS)

Maya Linda Road Silver Oak Apartments, San Diego, California. Provided planning, conceptual design, grading design, coordination of consultants, construction documentation, and permit processing in the development of 4.91 acres with 132 apartments with pool and laundry facilities. (GRS)



Carroll Canyon Road Apartments

Midland Road Silver Oak Apartments, Poway, California. Provided planning, conceptual design, grading design, coordination of consultants, construction documentation, and permit processing in the development of 8.95 acres with 193 apartments with pool and laundry facilities. (GRS)

Carroll Canyon Road Silver Oak Apartments, San Diego, California. Provided planning, conceptual design, grading design, coordination of consultants, construction documentation, and permit processing in the development of 6.16 acres with 156 apartments with pool and laundry facilities. (GRS)



449 South Mollison Apartments, El Cajon, California.

Provided planning, conceptual design, grading design, coordination of consultants, construction documentation, and permit processing in the development of 9 apartments. (WM)

970 South Mollison Apartments, El Cajon, California.

Provided planning, conceptual design, grading design, coordination of consultants, construction documentation, and permit processing in the development of 6 apartments. (WM)

Brawley Apartments Provided coordination of consultants, construction documentation, and permit processing in the development of 50 apartment units with appurtenant laundry and pool facilities. (WW&A)

Federal Boulevard Apartments Provided coordination of consultants, construction documentation, and permit processing in the development of 58 apartment units with laundry facility. (WW&A)

961 South Sunshine Apartments, El Cajon, California.

Provided planning, conceptual design, grading design, coordination of consultants, construction documentation, and permit processing in the development of 25 apartments with pool and laundry facilities. (WM)

449 South Mollison Apartments, El Cajon, California.

Provided planning, conceptual design, grading design, coordination of consultants, construction documentation, and permit processing in the development of 9 apartments. (WM)

48th Street Apartments, San Diego, California. Provided planning, conceptual design, coordination of consultants, construction documentation, and permit processing in the development of 7 apartments. (WM)

Los Olivos Apartments, El Cajon, California. Provided planning, conceptual design, grading design, coordination of consultants, construction documentation, and permit processing in the development of 27 apartments with pool and laundry facilities. (CAWI)



Design Study
Florida Street Condos, San Diego



Single Family Dwellings

Bannasch Residence, 4,555 sq ft, Solana Beach

Spoehr Residence, Fairbanks Ranch

Charles Residence, Fairbanks Ranch

1200 Alki Penthouse Suite, 4,475 sq. ft., Seattle, WA

Bannasch Residence, 8,011 square feet, 17516 Los Morros, Rancho Santa Fe.

Monroe Residence, 7,792 square feet, 6486 Calle Del Alcazar, Fairbanks Ranch.

Huguenor Residence, 7,784 square feet, 17032 Circa Oriente, Fairbanks Ranch.

St. Andrews Rd., 6,018 square feet, 8302 St. Andrews Rd., Rancho Santa Fe.

Nielson Residence, 4,433 square feet, 2312 Percussion Ct., El Cajon.

Cohen Residence, 4,083 square feet, 14351 Twisted Branch Rd., Poway.

Mealey Residence, 4,080 square feet, Bass Cove at Ross Road, El Centro.

Wildwind Dr. Lot #27, 3,927 square feet, 2842 Wildwind Dr., El Cajon.

Rosen Residence, 3,818 square feet, 14381 Twisted Branch Rd., Poway.

Nielsen Residence, 3,633 square feet, 2321 Tambourine Ct., El Cajon.

Campbell Residence, 3,500 square feet, 10832 Quail Canyon Rd., El Cajon.

Sleepy Creek Custom Home, 3,257 square feet, 15270 Sleepy Creek Rd., El Cajon.

Houston Residence, 3,190 square feet, 3765 Arroyo De Viejas, Alpine.

Possum Creek Lot #28, 3,132 square feet, 9948 Possum Creek Lane, El Cajon.

Possum Creek Lot #31, 3,016 square feet, 9992 Possum Creek Lane, Lakeside.

Cohen Residence, 2,873 square feet, 801 Palo Verde St., Yuma, Arizona

Hormoz Rezaei Residence, 2,660 square feet, 4164 Portilla Place, San Diego.

Bannasch Horse Farm, 3113 Camino Del Rancho, Encinitas, California. Designed a 2,263-square-foot home on a 10-acre horse



Calle Mayor Home, Fairbanks Ranch



Brust Residence, El Cajon, CA



Spoehr Residence, Fairbanks Ranch



Ellis Residence, Blossom Valley



Charles Residence, Fairbanks Ranch

farm with future expansion to 3,500 sq. ft. when the property was to be subdivided.

Via Dieguenos Custom Home, Alpine, California. Developer, Project Architect and Builder for a 2,141-square-foot design-build project at 2629 Via Dieguenos. Provided programming, planning, conceptual design, value engineering, coordination of consultants, construction documentation, permit processing, scheduling, bidding, subcontractor coordination, grading, inspections, and construction supervision. Designed home to maximize space and amenities while economizing on construction cost. Design enhancements included large windows in the living room with vaulted ceiling and covered entry. Gable ends and exposed rafters, reminiscent of Southern California Craftsman Style were economical architectural features. Interior use of ceramic tile was a durable flooring material in high traffic areas. [\$180,000, 1979]

Zumbrota Road Custom Home. Provided construction documentation for 4,500-square-foot home.

Sangamon Avenue, 2 Homes. Provided construction documentation and permitting for two homes built for speculation.

Bannasch Bluff House, 4,555 square feet, on the bluffs overlooking the Pacific Ocean. The site was underlain by sea caves, which required grouting and was built on caissons and grade beams at 525 Pacific Ave., Solana Beach.

Ellis Residence, 4,802 sq. ft., 10904 Quail Canyon Rd., Blossom Valley, El Cajon.

Crouch Custom Home, Lot #538, 8,344 sq. ft. Spec house, 16916 Circa del Sur, Fairbanks Ranch.



Crouch Custom Home, Fairbanks Ranch



Bannasch Bluff House, Solana Beach.



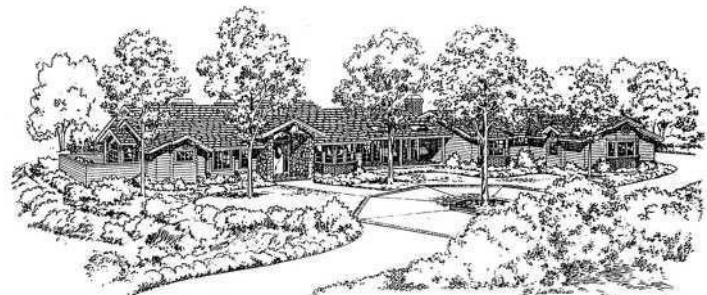
Sleepy Creek, Blossom Valley



Wildwind Dr. Custom Home, El Cajon, CA



Huguenor Residence, Fairbanks Ranch



Rosen Residence, Bridlewood Estates, Poway

Special Training and Seminars

Sustainable Design:

2009:

L EED Credits In Millwork 5/7/09 Woodwork Institute
Achieving LEED Platinum: A Portfolio Of Successful Projects--Lessons Learned 4/30/09 AIA National Convention
Solar- And Wind-Power For Buildings: Toward Carbon-Neutral Green Design 4/30/09 AIA National Convention

2008:

Green Design With Translucent Day Lighting 3/31/08 Kalwall Corporation
Building Commissioning 3/19/09 HDR, Inc.

2007:

Daylighting And Glare Control Program 5/4/07 AIA National Convention
Energy Methods And Metrics 5/4/07 AIA National Convention
Simple Home - Six Paths To Sustainability 5/5/07 AIA National Convention
Institutionalizing Sustainability In Architecture Firms - Growing A Green 5/5/07 AIA National Convention
Introduction To Photovoltaic Systems 9/30/07 Kyocera Solar, Inc.

2006:

Building Green With Cool Roofs 3/31/06 Bayer Material Science, LLC
Multiplier Effect: Pnc's Volume-Build LEED Program 6/9/06 AIA National Convention
Rethinking Materials In The Context Of LEED -SD Green06 9/14/06 AIA San Diego
Naturally Ventilated Buildings 9/14/06 AIA San Diego
Green Development - Integrating Real Estate And Ecology 9/14/06 AIA San Diego
Post Occupancy In LEED Buildings 9/14/06 AIA San Diego
Business Of Green Building: What 12 LEED Projects Have Taught Harvard University 11/17/06 U.S. Green Building Council (USGBC - National)
Green Visions For Displaced Communities 11/17/06 U.S. Green Building Council (USGBC - National)
Closing Plenary: Jeffrey D. Sachs 11/17/06 U.S. Green Building Council (USGBC - National)

2005:

Bringing Sustainability Downtown 5/20/05 AIA National Convention
"Preservation And Sustainability In Federal Modernizations," AIA
"Growing Thirsty? Water Community Design And Sustainability," AIA
"AIA Committee On The Environment Green Project Awards Lecture And Reception," AIA National Convention 2005
Green Developers/Green Development 9/7/05 AIA Baltimore
Financing Green Development 9/14/05 USGBC - San Diego
Forging Ahead With Green Building Success Stories 9/14/05 USGBC - San Diego
Achieving A Green Vision Through LEEDership 9/14/05 USGBC - San Diego
Thinking Global And Acting Regional 9/14/05 USGBC - San Diego
Regional Sustainability Policy And Planning 9/14/05 USGBC - San Diego
Defining & Achieving Green Restaurants & Hospitalitys 9/14/05 USGBC - San Diego

2004:

"Understanding Building Integrated Photovoltaics," Southern California Gas Company, Savings By Design
"Wood for Building Green," Certified Wood Products Association
"San Diego Green '04 Sustainable Design Conference," AIA
Municipal Green Building Seminar 4/30/04 Southern California Gas Company
Developing Client-Focused Green Building Guidelines 6/10/04 AIA National Convention
Daylight, Window Room, Daylighting Design For High-Performance Buildings 6/10/04 AIA National Convention
Design Of Green Roofs 6/12/04 AIA National Convention
Part 1 - SD Green 04 Sustainable Design Conference 9/17/04 AIA San Diego
Part II - SD Green 04 Sustainable Design Conference 9/17/04 AIA San Diego



"Floating Stairs"
Bannasch Residence, Solana
Beach



2003:

"Sustainable Building Materials Selection," California Waste Management Board & California Department of General Services
 Energy Efficiency Strategies/ Lighting - Envelope Design 2/28/03 San Diego Gas & Electric, A Sempra Energy Utility
 Sustainability Workshop 4/24/03 San Diego Gas & Electric, A Sempra Energy Utility
 "Greening Affordable Housing: Diverse Perspectives," AIA
 "LEED for Historic Preservation of Buildings," USGBC
 "Lighting with Daylight in New Construction," USGBC
 "Sustainable Transportation Facilities," USGBC
 "Understanding the Cost of Green Construction," USGBC
 "Incorporating LEED into Specifications," USGBC
 Greening Affordable Housing: Diverse Perspectives 5/10/03 AIA National Convention
 Design For Your Climate 6/30/03 San Diego Gas & Electric, A Sempra Energy Utility

**2002:**

"LEEDing San Diego Into A Sustainable Future," AIA, San Diego
 "LEED Intermediate Training Workshop – Oakland," USGBC
 "Green Building Design: How to make Intelligent Choices," AIA
 "Light, Daylight and Productivity: design high performance buildings," AIA
 "Mainstreaming Green - you don't have to go weird to go green!," AIA
 "High-Performance Design Strategies for Lighting and Building Envelopes," San Diego Gas & Electric, Savings By Design
 LEED Training Workshop 12/31/02 U.S. Green Building Council (USGBC - National)

Building Information Modeling (BIM):**2009:**

Completed 4-Day AutoDesk Course in Revit BIM software, 2009
 "Integrated Design Tools For Sustainable Design: Building Information Modeling" AIA National Convention 2009

**Antiterrorism/Force Protection:****2002:**

"Threat Assessment and Vulnerability," AIA

Integrated Project Delivery (IPD):**2009:**

"Integrated Project Delivery: It Really Works" 4/30/09 AIA National Convention
 "Comparing Design-Build And Integrated Project Delivery" 5/1/09 AIA National Convention

Design-Build:**2007:**

"Architect As Developer" 10/31/07 Architect As Developer, LLC

2006:

"A Design - Build Approach To Environmental Sustainability" 9/14/06 AIA San Diego

2003:

"Design-Build: Yesterday, Today and Tomorrow," AIA
 "The Architect's Guide to Design-Build," AIA
 "The New AIA Design/Build Documents," AIA

Urban Development:**2006:**

From Single Buildings To Strong Communities 9/14/06 AIA San Diego

2005:

"Can High-Rises Create Livable Cities? Vancouver & Miami," AIA
 "AIA/HUD Secretary's Housing And Community Design Awards," AIA National Convention 2005
 "Revitalizing Inner Suburbs," AIA National Convention 2005
 2005 AIA/HUD Secretary's Housing And Community Design Awards 5/20/05 AIA National Convention

**Section 22 ~ Training & Seminars**

Project Management:

2009:

Focus On Practice In A Complex World 5/1/09 AIA National Convention
The Spy Who Sued Me: Gathering Claims Intelligence In A World Of Chaos 5/1/09 AIA National Convention

2008:

"Federal Program Management," HDR, 2008
"Marketing 301," HDR, 2008
Reducing Prospects Of Liability Claims 4/2/08 AIA San Diego
Federal Program Management 11/5/08 HDR, Inc.
Marketing Management 301 11/14/08 HDR, Inc.

2007:

"Project Management Development - Architecture," HDR, 2007
"Marketing 101," HDR, 2007
Human Connection: Bring Your Presentations To Life! 6/8/06 AIA National Convention
Marketing Management 301 2/9/07 HDR, Inc.
Beyond Redlines: Creating A Practice-Based QA Program 5/3/07 AIA National Convention
Risk Management For Arrrrrr! Chitects: Walking The Professional Liability Plank 5/4/07 AIA National Convention
Avoiding The Pitfall Of Non-AIA Agreements 5/4/07 AIA National Convention

2006:

"California Healthcare 101," HDR, 2006
Human Connection: Bring Your Presentations To Life! 6/8/06 AIA National Convention
Sharpening Your Presentation Skills 6/9/06 AIA National Convention
From The Inside Out: Lessons In Organizational Change 11/17/06 USGBC - National

2004:

Effective Project Management For Architects 6/9/04 AIA National Convention
Tactical Project Management: Innovation And Profit Through Leadership 6/12/04 AIA National Convention
"Contracts & Claims Avoidance," HDR, 2005

2003:

"Project Success: A Barrage of Lessons Learned (Symposium on Project Management)," AIA
Hot Buttons, the New Design/Build Documents 5/9/03 AIA National Convention
"Partnering for Success (Partnering with Designer/Builder/Owner to improve quality, timeliness, and value)," AIA
"The Art of Information Management for Project Managers," AIA

2002:

"Essential Project Management Basics: Tools and Techniques to Keep Your Job On-track," AIA
"Dysfunctional Contract Drafting and Alternate Dispute Resolution", CSI
"General contract drafting errors, why they occur, common errors in construction documents and Alternative Dispute Resolution," CSI

Universal Accessibility (ADA)

2009:

"Disabled Access 101 - California Requirements" 3/24/09 Rolf Jensen & Associates

2005:

"ADAAG Reborn: What Changed? What Does It Mean?," AIA

2003:

"Access Matters: ADA Quality Control in Practice," AIA

Healthcare

2006:

"Color & Wayfinding: Helping Patients From Point A To Point B" 4/30/06 lpc-Inpro Corporation
"Design For Healing" 4/30/06 Steelcase, Inc.



"Home Office"
Better Homes and Gardens, 8/97



"A Fitting Farewell: Design Recommendations For Hospice Care" 6/8/06 AIA National Convention
 "Redefining A Behavioral Health Institution" 6/8/06 AIA National Convention
 "Innovative Edge Of Health Facility Design" 6/9/06 AIA National Convention
 "Health Care 2020: A View Of The Future" 6/10/06 AIA National Convention
 "California Healthcare 101" 4/8/06 7/21/06 HDR, Inc.
 "Natural And Displacement Ventilation In Hospitals" 11/17/06 USGBC - National
 "Dollars From Sense: Economics Of Green Schools & Hospitals" 11/17/06 USGBC - National

Construction Materials

2009:

"Automatic Sprinkler And Fire Alarm Systems" 4/2/09 Schirmer Engineering Corporation
 "Architectural Millwork Quality Issues (Inspection Issues)" 5/7/09 Woodwork Institute
 "Intelligent Kitchen™" 6/3/09 AIA San Diego

2008:

"Specifying Tested Connection Products That Limit Liability" 3/6/08 Dietrich Metal Framing, Inc.
 "Modular Int. Construction: Design, Bottom Line, Environment" 4/30/08 Dirtt - Environmental Solutions
 "Understanding Quartz Surfacing Material" 7/31/08 Infospec, Inc.
 "IT And AV In Walls Floors & Furniture" 7/31/08 FSR, Inc.
 "Dynamic And Static Head-Of-Wall Joint Fire Protection" 7/31/08 Infospec, Inc.
 "High Performance Sheathings Designed For Today's Exterior Building Systems" 7/31/08 National Gypsum Company
 "Permeable Interlocking Concrete Pavements" 7/31/08 Interlocking Concrete Pavement Institute
 "Anti-Fracture Systems" 7/31/08 Protecto Wrap
 "Copper In Architecture" 9/30/08 Copper Development Association
 "Enlightened Spaces" 1.0 9/30/08 Velux America, Inc.

2007:

"Walking On Air: Building The Foundation For High Performance Workspace" 2/28/07 Haworth, Inc.
 "1 Hr/Sliding Doors In A Means Of Egress: Recent Changes" 3/31/07 Won-Door Corporation
 "Integrating Acoustics And Technology In High Performance Interiors" 5/4/07 AIA National Convention
 "Fire Resistive Gypsum Products" 11/7/07 U.S. Gypsum, Inc.

2006:

"Vapor Barriers: Nuisance Or Necessity" 4/30/06 Stego Industries, LLC
 "Tile & Natural Stone- Use & Installation" 6/30/06 Custom Building Products

2004:

"Certified Wood Workshop & Vendor Showcase" 1/31/04 Metafore

Miscellaneous

2007:

"ADT 2005 System Upgrade" 5/2/07 HDR, Inc.



Firm and Employer Credits

Dear Friends:

The purpose of this website is to act as a personal resume for me, Craig Woods. It is important to me that proper credit be given to the fine Architectural and Development firms that have employed me over the course of my career. I am very proud of the work I have assisted these firms with and have tried to be clear as to my responsibilities for these companies. I am also very proud of the nearly 20 years I was in private practice and, of course, during that time was responsible for every aspect of design, client management, documentation, business management, and construction contract administration.

Please contact me if it is unclear as to my role in any project and I will be happy to clarify my personal involvement in the work.

Thank you and thanks to the firms, colleagues, and employees I have worked with over the past 4 decades.

Sincerely,

Craig Woods



Patio view from the Dining Nook
San Diego Decorating Magazine
(CAWI)

Employment History

SDK Outsourcing Services, General Manager, Angeles City, Philippines, 2012

Heerim Architects & Planners, Vice President, Seoul, Korea, 2011

AECOM, Associate, Planning, Design & Development, 2010

HDR Architecture, Inc., Project Manager/Architect, 2005-2009

Earth Tech (**ET**), Project Manager/Architect, 2000-2005

Carrier Johnson + Culture (**CJ**), Project Architect, 1999-2000

The Stichler Design Group, Inc. (**SDG**), Project Manager/Architect, 1997-1999

SchussClark, An Architectural Corporation (**SC**), Project Architect, 1995-1997

Craig A. Woods, Inc. (**CAWI**), President/Architect, 1984-1995

Woods / Marrs Development and Design (**WM**), Principal, 1977-1984

GRS Corp. (**GRS**), Architectural Designer, 1975-1977

Wolfe-Woods and Associates (**WW& A**), Architectural Designer, 1971-1975

Note: Employer Keys in BOLD or Parenthesis i.e. (CAWI), (HDR), (WM), etc.

Aerial 2D and 3D views of the projects which appear on this website are from 2010

Microsoft Corporation; 2010 NAVTEQ

AND Pictometry Birds Eye 2010 Pictometry International Corp

OR from
Google Earth

Thanks to them for the pictures.