

TED JACOB ENGINEERING GROUP

A red lens flare graphic consisting of a central bright point with two horizontal, tapered, red streaks extending outwards, positioned below the main title.

TED JACOB ENGINEERING GROUP

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# TED JACOB ENGINEERING GROUP, INC.

**U.S.A Contact:**  
 1763 Broadway, Oakland, CA 94612, USA  
 T +1 510-763-4880 / F +1 510-763-5099  
 tedjacob@tjeg.com  
 www.tjeg.com

**U.A.E. Contact**  
 Bob Bahrami  
 Exec VP Middle East & North Africa  
 P.O. Box 184208, Dubai  
 Mobile: + 971 50 282 3831  
 Fax: + 971 4 288 1619  
 bbahrami@tjeg.com

“WINNER OF 4 FIRST PLACE ASHRAE AWARDS  
 FOR INNOVATIVE DESIGN . . . .”

## HEALTHCARE FACILITIES

**Services:**

- ◆ MEP Design Engineering
- ◆ Project Development
- ◆ Master Planning
- ◆ Facilities Management
- ◆ Commissioning
- ◆ Construction Administration
- ◆ 3D Construction Documents
- ◆ BIM (Building Information Management)



Republic of Iraq:  
 ◆ Babylon  
 ◆ Wasit  
 ◆ Tamim  
 ◆ Salah Al Dein  
 ◆ Karkh



Kaiser Medical Center  
 Stockton, California



Akshaya Apollo Hospital  
 Ahmedabad, India



Children's Oakland Hospital  
 Oakland, California



Mills Peninsula Hospital  
 Burlingame, California

SAN FRANCISCO

LOS ANGELES

CHICAGO

DUBAI

# Services

- ◆ **MEP Design Engineering**
- ◆ **Project Development**
- ◆ **Master Planning**
- ◆ **Facilities Management**
- ◆ **Commissioning**
- ◆ **Construction Administration**
- ◆ **3D Construction Documents**
- ◆ **BIM (Building Information Management)**

**Republic of Iraq – General Hospitals  
Maternity/Women’s Hospital  
Iraq**

**Client:** Republic of Iraq  
Ministry of Health

**Scope:** Wasit - 260-Beds, 182,982 sq. ft.  
Tamim – 260-Beds, 182,982 sq. ft.  
Salah Al Dein – 260-Beds, 182,982 sq. ft.  
Babylon - 400-Beds, 270,000 sq. ft.  
Karkh - 200-Beds, 161,000 sq. ft.

**Budget:** \$150 Million construction cost

**Completion:** 2001 – 2002 through Schematic Phase  
(Projects On-hold)



**Kaiser Los Angeles Medical Center**  
Los Angeles, California

**Client:** Kaiser Foundation Health Plan  
Los Angeles, California

**Scope:** 448- Bed Hospital and CUP  
900,000 sq. ft.

**Budget:** \$240 Million Construction Cost

**Completion:** 2005 – 2007



**Childrens Hospital Los Angeles**  
Los Angeles, California

**Client:** Zimmer Gunsul Frasca & Partners  
Los Angeles, CA

**Scope:** 278-Bed New Patient Tower  
including 3,000-ton Chiller Plant  
425,000 sq. ft.

**Budget:** \$212 Million Construction Cost

**Completion:** 2006



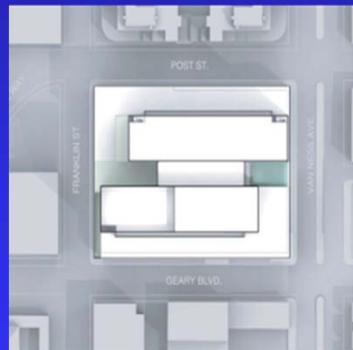
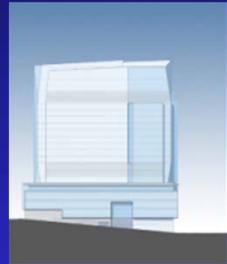
**California Pacific Medical Center  
Cathedral Hill Campus  
San Francisco, California**

**Client:** California Pacific Medical Center  
Sutter Medical Group  
San Francisco, California

**Scope:** 491-553 Bed, Women & Childrens  
Acute Care Hospital  
1.2 million sq. ft.

**Budget:** \$800 Million Construction Cost

**Completion:** 2012



**Kaiser Vallejo Medical Center  
Patient Tower Hospital  
Vallejo, California**

**Client:** Kaiser Foundation Health Plan  
Oakland, California

**Scope:** 188-Bed Patient Tower Hospital and  
Central Utility Plant including Major  
Renovation to the Existing Hospital  
425,000 sq. ft.

**Budget:** \$190 Million Construction Cost

**Complete:** 2008



## **Mills-Peninsula Hospital Replacement Burlingame, California**

**Client:** Mills Peninsula Health Services  
Burlingame, California

**Scope:** 232 Patient Bed Hospital, 460,000 sq. ft.  
Medical Office Building 150,000 sq. ft.

**Budget:** \$160 Million Construction Cost Hospital  
\$28 Million Construction Cost MOB

**Completion:** 2010



**Kaiser West Los Angeles Medical Center**  
Los Angeles, California

**Client:** Kaiser Foundation Health Plan  
Los Angeles, California

**Scope:** West Wing Addition of 106 New  
Patient Beds  
180,000 sq. ft.

**Budget:** \$130 Million Construction Cost

**Completion:** November 2006



## Children's Hospital Oakland Oakland, California

**Client:** Children's Hospital Foundation  
Oakland, California

**Scope:** Patient Family Pavilion  
222-Beds / 318,000 sq. ft.  
Central Utility Plant 21,000 sq. ft.

**Budget:** \$212 Million Construction Cost

**Completion:** 2008



**University Of California  
Davis Medical Center  
Sacramento, California**

**Client:** University Of California  
Davis Medical Center  
Sacramento, California

**Scope:** New Patient Tower II  
464,000 sq. ft.

**Budget:** \$120 Million Construction Cost

**Completion:** May 1999



**ASHRAE**  
GOLDEN GATE CHAPTER      2003 TECHNOLOGY AWARD



FIRST PLACE  
Category III  
Health Care Facilities - New

**Ted Jacob & Shulamit Rabinovich**  
Ted Jacob Engineering Group, Inc.

UC Davis Medical Center

Recognizing outstanding achievement in the innovative design of buildings in the areas of occupant comfort, indoor air quality and energy conservation.

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC.

- Occupant Comfort
- Indoor Air Quality
- Energy Conservation

**Lodi Memorial Hospital**  
Lodi, California

**Client:** Lodi Memorial Hospital  
Lodi, CA

**Scope:** 4-Story South Wing Hospital  
Addition  
130,000 sq. ft.

**Budget:** \$60 Million Construction Cost

**Completion:** 2010



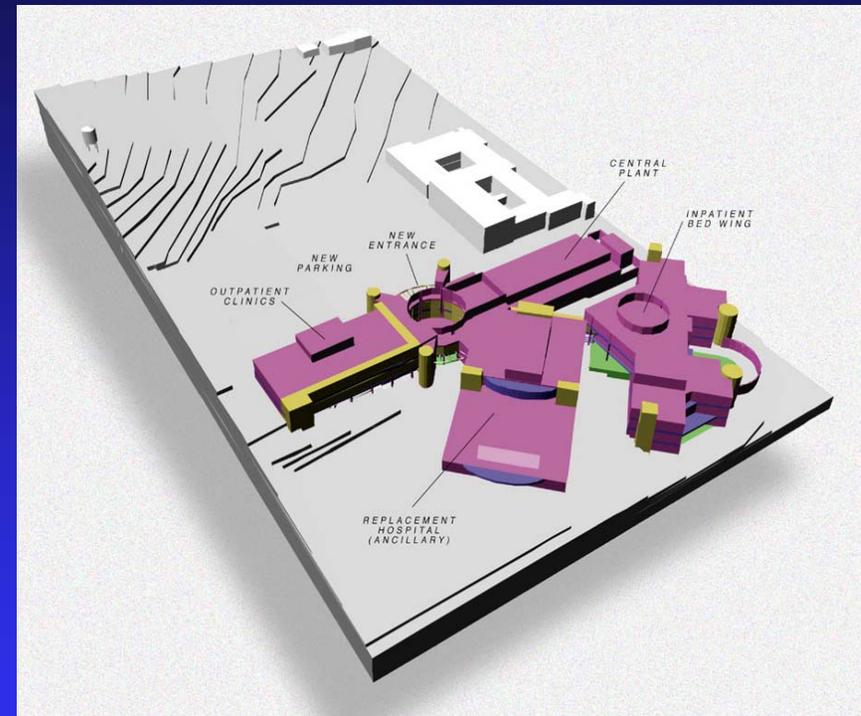
## San Mateo County Health Center San Mateo, California

**Client:** County of San Mateo  
Redwood City, California

**Scope:** 97,900 sq. ft. Nursing Wing  
42,200 sq. ft. Support Area  
124,200 sq. ft. Medical Office Building  
66,000 sq. ft. Diagnostic/Treatment  
45,200 sq. ft. Outpatient Clinic Building  
18,500 sq. ft. Central Plant

**Budget:** \$110 Million Construction Cost

**Completion:** 1998



**1500 SVP Mental Health Facility**  
**Coalinga, California**

**Client:** State of California  
Department of General Services

**Scope:** 1,500-Bed Mental Health Facility  
1,200,000 sq. ft.

**Budget:** \$350 Million Construction Cost

**Completion:** April 2003



**Kaiser Stockton Medical Center**  
Stockton, California

**Client:** Kaiser Foundation Health Plan  
Oakland, California

**Scope:** 140,000 sq. ft. Medical Office Building  
62,000 sq. ft. Ancillary Building  
10,000 sq. ft. Central Plant  
3,000 sq. ft. Urgent Care Remodel

**Budget:** \$62 Million Construction Cost

**Completion:** 1995



**Akshaya Apollo Hospital**  
Ahmedabad, India

**Client:** Apollo Hospitals  
Ahmedabad, India

**Scope:** 560,000 sq. ft. Hospital  
7,700 sq. ft. Central Plant

**Budget:** \$55 Million Construction Cost

**Completion:** 1997-1998



## Kaiser Emeryville Medical Center Oakland, California

**Client:** Kaiser Foundation Health Plan  
Oakland, California

**Scope:** 570,000 sq. ft. Hospital  
415,000 sq. ft. Medical Office Bldg  
24,000 sq. ft. Central Utility Plant  
2,500 Stall Parking Structure

**Budget:** \$250 Million Construction Cost

**Completion:** 1998 (Design Dev. Phase only)



**Kaiser Permanente  
Oakland Medical Center  
Oakland, California**

**Client:** Kaiser Foundation Health Plan  
Oakland, California

**Scope:** Chiller and Boiler Replacement  
Project / 6,400 sq. ft.

**Budget:** \$2 Million Construction Cost

**Completion:** 2005



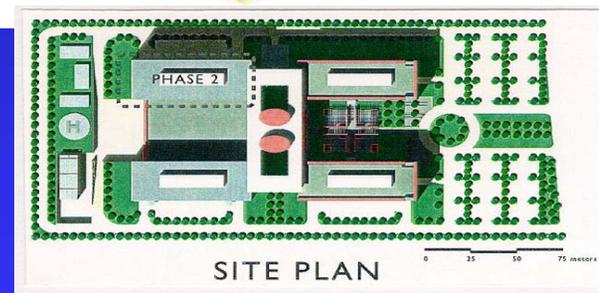
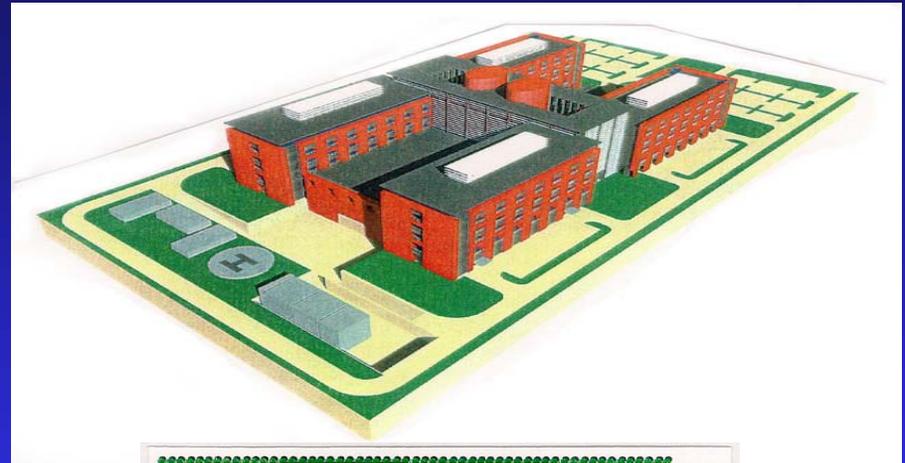
## **Apollo Lanka Hospital Colombo, Sri Lanka**

**Client:** Apollo Lanka Corp.  
Colombo, India

**Scope:** Hospital 566,700 sq. ft.  
Central Plant 7,700 sq. ft.

**Budget:** \$57.5 Million Construction Cost

**Completion:** 2003



**Palo Alto Medical Foundation  
Oakland, California**

**Client:** Palo Alto Medical Foundation  
Palo Alto, California

**Scope:** Buildings – 360,000 sq. ft.  
Underground Parking – 350,000 sq. ft.

**Budget:** \$55 Million Construction Cost

**Completion:** 1997-1998



**University Of California San Francisco  
Health Sciences East Improvements  
Phase I  
San Francisco, California**

**Client:** University Of California  
San Francisco  
San Francisco, California

**Scope:** 16-Story Building

**Budget:** \$6.7 Million Construction Cost

**Completion:** 1997 - 2000



- **Occupant Comfort**
- **Indoor Air Quality**
- **Energy Conservation**

**Ernesto Gallo Clinic & Research Center  
Emerystation No. 1 Facility  
Emeryville, California**

**Client:** Wareham Properties Management  
San Rafael, California

**Scope:** 62,000 sq. ft. Laboratory/Research  
7,000 sq. ft. Animal Holding  
4,500 sq. ft. Administration

**Budget:** \$14.8 Million Construction Cost

**Complete:** April 2000



## Roche Diagnostic Laboratory Berkeley, California

**Client:** Roche Diagnostic Laboratory  
Berkeley, California

**Scope:** 42,000 sf Lab Expansion  
30,000 sf Lab Remodel

**Budget:** \$10.8 million Construction Cost

**Complete:** October 1999



**Environmental Protection Agency  
Region IX Laboratory  
Richmond, California**

**Client:** Wareham Properties Management  
San Rafael, California

**Scope:** 50,000 sq. ft. Laboratory

**Budget:** \$1 million Construction Cost

**Completion:** 2001



**Bayer Diagnostics APC 4 Laboratory  
Berkeley, California**

**Client:** Wareham Properties Management  
San Rafael, California

**Scope:** 2-Story Building – 72,000 sq. ft.  
Parking Garage – 100,000 sq. ft.

**Budget:** \$11,000 Million Construction Cost  
Shell and Core  
\$7.6 Million Construction Cost  
Tenant improvements \$7.6 million

**Completion:** 2002



**Emerystation North Laboratory  
Tenant Improvements  
Emeryville, California**

**Client:** Wareham Properties Management  
San Rafael, California

**Scope:** Proteom Tech, Kinemed, Thios and  
Nanomix Laboratories  
36,000 sq. ft.

**Budget:** \$6.6 Million Construction Cost

**Complete:** 2002



**Stanford University  
Hillview Facility  
Palo Alto, California**

**Client:** Stanford University  
Palo Alto, California

**Scope:** Tenant Improvement and  
Shell & Core Upgrade  
60,000 sq. ft.

**Budget:** \$11 Million Construction Cost

**Completion:** Phase 1 – November 2004  
Phase 2 – June 2005



**Kaiser Permanente  
Berkeley Medical Laboratories  
Berkeley, California**

**Client:** Kaiser Foundation Health Plan  
Oakland, California

**Scope:** 35,000 sq. ft. Laboratory Expansion  
40,000 sq. ft. Biomed Engineering  
30,000 sq. ft. Laboratory Remodel

**Budget:** \$24.5 million Construction Cost

**Completion:** 1995



**Kaiser Permanente  
Northern California Regional Laboratory  
Richmond, California**

**Client:** Kaiser Foundation Health Plan  
Oakland, California

**Scope:** Laboratory -Tenant Improvement  
70,000 sq. ft.

**Budget:** \$24.5 Million Construction Cost

**Completion:** 2005



**Department of Justice  
Forensics Laboratory  
Richmond, California**

**Client:** Wareham Properties Management  
San Rafael, California

**Scope:** Forensic Laboratory  
67,000 sq. ft.

**Budget:** \$17 Million Construction Cost

**Complete:** 2001



**Montgomery Watson Harza Laboratory  
Monrovia, California**

**Client:** Montgomery Watson Harza  
Laboratories  
Monrovia, California

**Scope:** Laboratory, 38,000 sq. ft.

**Budget:** \$5.6 Million Construction Cost

**Completion:** 2003



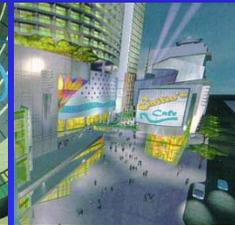
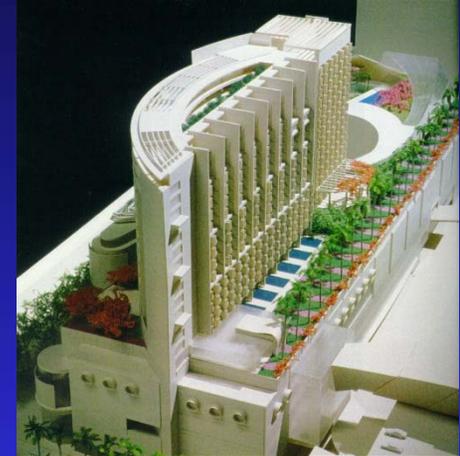
## Ala Moana Entertainment Center Honolulu, Hawaii

**Client:** Genera Growth Management  
Of Hawaii  
Honolulu, Hawaii

**Scope:** 1,315,000 sq. ft. area  
452-room, 20-story

**Budget:** \$130 million Construction Cost

**Completion:** 1998 (Design Dev. Completed)



**Metreon Center - Sony Developments**  
San Francisco, California

**Client:** Sony Development  
San Francisco, CA

**Scope:** New 350,000 sq. ft. building  
Sony Local Base Entertainment  
Center. Interactive  
Entertainment, Retail and  
Restaurant Complex.

**Budget:** \$85 million Construction Cost

**Completion:** 1999



**Oracle Colorado Springs Campus  
Phase I Building  
Colorado Springs, Denver**

**Client:** Oracle Corporation  
Redwood Shores, California

**Scope:** 200,000 sq. ft.

**Budget:** \$22 million Construction Cost

**Completion:** 1999



**MCI World Com Data Center**  
San Jose, CA

**Client:** MCI World Com Data Center  
San Jose, CA

**Scope:** Regional Main Data Center and  
Supporting Office Space  
16,000 sq. ft.

**Budget:** \$4.5 Million Construction Cost

**Completion:** 1999



## New County Government Center San Luis Obispo, CA

**Client:** County of San Luis Obispo  
San Luis Obispo, California

**Scope:** 4-Story Office Building  
100,000 sq. ft.

**Budget:** \$32 Million Construction Cost

**Completion:** 2005



- Occupant Comfort
- Indoor Air Quality
- Energy Conservation

