

# Healthcare - Acute Care Facilities



## PROJECT LIST

### Representative Project Experience

Since our inception in 1947, Capital has been involved in the design of healthcare facilities and acute care hospital engineering remains one of our most important practice areas. Capital focuses on all types of healthcare facilities, with a particularly deep portfolio of acute healthcare projects.



UC Davis Comprehensive Cancer Center, Sacramento



Saint Mary's Regional Medical Center, Reno, NV



VA Palo Alto Polytrauma, Palo Alto



Mercy San Juan Hospital, Carmichael

- » Acadia Healthcare Psychiatric Hospital Renovation, San Jose
- » Alta Bates Summit Medical Center New Cancer Treatment Center, Oakland
- » American River Hospital CT Replacement, Carmichael
- » Atascadero State Hospital Peer Review
- » Banner Lassen Medical Center, Susanville
  - CT Replacement
  - CUP Expansion
  - Domestic Hot Water
  - Negative Pressure Isolation Room
- » Barstow Community Hospital, Barstow
- » Barton Health Memorial Hospital, South Lake Tahoe
- » California Department of State Hospitals Infrastructure Master Plan
- » California Pacific Medical Center Peer Review, San Francisco
- » Children's Hospital Central Plant Expansion, Oakland
- » Coalinga State Hospital Hydronic Study, Coalinga
- » Colusa Regional Medical Center, Colusa
  - Central Plant
  - Emergency Department
- » Community Regional Medical Center, Fresno
  - New Medical Office Building
  - Tower Addition
  - Dameron Hospital, Stockton
  - Expansion
- » Delta Memorial Hospital Ambulatory Services, Lodi
- » Dignity Health Woodland Memorial Hospital Master Plan, Woodland
- » Eureka General Hospital NPC2 Seismic Evaluation, Eureka
- » Fountain Valley Regional Hospital, Fountain Valley
  - OB Interiors Refresh
  - General Improvements Study
  - Hybrid Operating Room
  - IR Suite Remodel
  - Emergency Generator and Service Upgrade
- » Dignity Health Woodland Memorial Hospital, Woodland
  - Birthing Suite Remodel
  - Clinic Air Handling Unit
  - Emergency Department Survey
  - Fire Sprinkler
  - Fluoroscopy Remodel
  - Lab and Pharmacy
  - Nurse Station
  - Operating Room CHW Study
  - Psychiatric Unit Bed Expansion
  - Radiography Remodel
  - Solar Study
  - South Wing AC Unit
- » Fountain Valley Hospital, Fountain Valley
  - Air Compressor Replacement
  - Building 11170 1st and 2nd Floor Renovation
  - CT Replacement
  - East Tower X-Ray Replacement
  - IR Room #3
  - OB Interiors Refresh
  - Surgical Waste Unit
  - Ventilation System Upgrade
- » Frank R. Howard Memorial, Willits
  - Hospital Exam Room
  - North Wing
  - Sterilizer
  - X-Ray Equipment Addition

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## PROJECT LIST



Queen of the Valley Hospital, Napa



Highland Hospital, Oakland



Sutter Eden Medical Center, Castro Valley



St. Joseph's Medical Center, Eureka

### Continued...

- » Glendale Adventist Medical Center Acute Care Tower, Glendale
  - ER and Radiology Expansion
  - Psychiatric Hospital Assessment
- » Hazel Hawkins Memorial Hospital, Hollister
  - Obstetrics Remodel
  - Surgical Center
- » Henry Mayo Newhall Memorial Hospital, Valencia
- » Hi-Desert Medical Center Continuing Care Center, Joshua Tree
- » Highland Hospital, Oakland
  - Acute Tower Replacement Project Commissioning
  - Highland Care Pavilion Commissioning
- » Hoag Memorial Hospital Presbyterian, Newport Beach
  - 1st Floor Women's Tower CT Scanner Installation
  - Radiation Therapy Simulator Replacement
- » Huntington Hospital, Pasadena
  - Carpentry Relocation
  - IT Department Relocation Feasibility Study
- » Kaiser Permanente Baldwin Park Medical Center Central Plant Cooling Tower Pump Upgrade
- » Kaiser Permanente Modesto Medical Center
  - 4th and 5th Floor
  - Admin Repo
  - Elevator Room Modifications
  - Intensive Care Unit
  - Lab Relocation
  - Master Plan
  - Morgue
  - Nuclear Med Upgrade
  - Pharmacy Relocation
  - Quality Management
  - Surgery
  - Temporary Chiller Plant
- » Kaiser Permanente Moreno Valley Medical Center
  - Obstetrics
  - Postpartum Beds
- » Kaiser Permanente San Jose Medical Center
  - Medical Office Building Chiller Replacement
  - Service Building Cooling Tower Replacement
  - Service Building Chiller Replacement
- » Kaiser Permanente South Sacramento
  - ER and Radiology Expansion
  - Psychiatric Hospital Assessment
- » Kaiser Permanente Ancillary Surgical Center, Stockton
- » Kaiser Permanente Vallejo Medical Center
  - Cataract Operating Room
  - Training Room Conversion
- » Kaiser Permanente West Los Angeles Medical Center
  - Medical Center Remodel
  - Parking Structure Scoping
  - Special Procedures Remodel
- » Kern Valley County Hospital Masterplan, Mountain Mesa
- » Kindred Hospital Medical, Sacramento
  - Air Compressor
  - Room Conversion
- » Lakeside Hospital, Lakeport
  - Hospital Study
- » Lodi Memorial Hospital
  - Info Services Remodel
  - Medical Records and Central Storage Relocation
  - Pharmacy Remodel
  - Scoping Report
  - X-Ray Replacement
- » Loma Linda University Medical Center CH Infusion Relocation and Remodel
- » Los Medanos Community Hospital, Pittsburg
  - Emergency Department Expansion
  - Medical Rec and Staff Office
- » Marshall Medical Center, Placerville
  - 1st Floor Spaces #1 and #3
  - 2nd Floor Surgery Renovation
  - Acute Care Location Study
  - Admin Reheat Coil
  - Automated Lab Equipment
  - Bacti Lab
  - Cafeteria
  - Cath Lab
  - Chiller Cooling Tower
  - Corrective Renovation
  - Data Processing
  - ETO Abatement
  - Fire Lid and OSS
  - Fireproofing Addition
  - GI Lab Floor Plan Changes
  - Isolation Room

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## PROJECT LIST

### Continued...

- Imaging Remodel
- Kitchen Remodel
- Laser Room and GI Cleaning
- Lithotripsy
- Medical and Nurse Station
- Medical Clinic
- MRI Addition
- Nuclear Medical Room
- Nurse's Lounge
- Operating Room #5 Relocation
- Patient Rooms 116, 117, 118, 224
- Perinatal Building
- Pharmacy
- Physical Plant Renovation
- Physical Therapy Office
- Post Construction Scope Study
- Radiology
- ReRoofing at Nursing Building
- Seismic Evaluation and Plan
- Surgery Building 2nd Floor
- X-Ray #1 and #2
- » Marshall Medical Center, Cameron Park
  - Remodel and Upgrade
  - Building 608 Obstetrics and Pediatrics Remodel
  - CT Scanner Replacement
  - Surgery Renovation
- » Mammoth Hospital, Mammoth Lakes
  - Addition and Remodel
  - Bone Scanner
  - CT Scanner Remodel
  - Data Center Re-Design
  - Dental Room
  - Diesel Fuel Tank
  - Hologic Scan System
  - Hot Water Replacement
  - Master Plan
  - Medical Oxygen Connection
  - Feasibility Study
  - Pharmacy Remodel
  - Sani-I-Pack Room
  - Surgery Corridor
- » Mayers Memorial Hospital District, Fall River Mills
  - Emergency Department Relocation
  - Seismic Separation
- » Mendocino Coast District Hospital X-Ray Equipment, Fort Bragg
- » Methodist Hospital of Sacramento
  - 4th Floor Nurse Station
  - Birthing Center
  - Boiler Replacement
  - Building E Expansion
  - Building E Lab Revisions
  - Emergency Department Addition and Remodel
  - ET Basement and Medical Storage
  - Film Processor Addition
  - Fuji Machines Anchorage
  - Kitchen Replacement
  - LP Steam Boilers Study
  - New Nuclear Medicine Camera
  - Omnicell Installation
  - Operating Room #4 Remodel
  - Operating Room Cooling Upgrades
  - Picture Archiving and Communication System Rack
  - Pharmacy Remodel
  - Telephone Room Expansion
- » Mercy American River Hospital, Carmichael
  - CT Replacement
  - Life Safety Survey
- » Mercy General Hospital, Sacramento
  - 1st Floor Mechanical Equipment Replacement
  - 2nd Floor Remodel
  - Air Handling Unit Addition North Wing
  - Air Systems, Sacramento
  - Angio Room Remodel
  - Boiler Replacement
  - Cafeteria Water
  - Cath Lab #3
  - Chilled Water Tie-In
  - CT Replacement
  - CU Replacement
  - Decontamination Shower
  - Emergency Department Study, Sacramento
  - ER Remodel
  - Evaporative Cooler Economizer
  - Gamma Camera
  - Histology Lab
  - Lounge
  - Master Plan
  - Medical Air Compressor
  - MMP Air Quality Study
  - NE Wing Study
  - Operating Room #6, 9
- Pulmonary
- RA Fan Study
- Radiology Remodel
- SNF
- South Wing Study
- Standby Chiller
- Sterilizer Equip Replacement
- Surgery Cooling
- Surgery Suite DDC
- » Mercy Hospital of Bakersfield
- » Mercy Hospital of Folsom
  - Medical Peer Review
  - Surgery Peer Review
- » Mercy San Juan Medical Center, Carmichael
  - 2nd Floor Remodel
  - 3rd Floor Nursery
  - 34 Bed Neonatal Intensive Care Unit Feasibility Study
  - 6th Floor Endoscopy Study
  - 6th Floor Remodel
  - Ambulatory Observation Unit Feasibility Study
  - Code Review
  - Fire Alarm
  - HVAC Systems Study
  - Life Safety Survey
  - Master Plan
  - MNU Booster Pump
  - Nursery Expansion
  - Operating Room Suite Feasibility Study
  - Renovation Study
  - ROC Water Booster
  - Women's and Infant Remodel Study
- » Metropolitan State Hospital, Norwalk
  - Library Schematic Design
  - Peer Review HVAC Replacement
- » Modesto Memorial Hospital
  - Intensive Care Unit
  - Nuclear Medicine Upgrade
  - Morgue AC
- » NorthBay Medical Center, Fairfield
  - Annex Materials Handling
  - Hospital Expansion
  - PBX Room Relocation
- » NorthBay Healthcare VacaValley Hospital Operating Room 3 Conversion, Vacaville
- » Northern Inyo Hospital, Bishop
- » Novato Community Hospital

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### Continued...

- Endoscopy Unit Equipment
- Master Plan Update
- MRI Replacement
- Operating Room
- » Oroville Hospital
  - Addition and Renovation
  - Medical Air Compressor
  - SB 1953 Seismic Evaluation
- » Patton State Hospital Ed Bernath Building Improvements, Patton
- » Placentia-Linda Hospital RF Equipment Replacement
- » Queen of the Valley Hospital, Napa
  - Cardiac Center
  - Cath Lab
  - ICN Renovation
  - MDF Room
  - NPC3 Upgrade
  - Surgery AHU and Chiller
- » Redbud Community Hospital Steam System Analysis, Clearlake
- » Redlands Community Hospital
  - Operating Room Expansion Scoping Report
  - New Cancer Center
  - Surgery Addition
- » Redwood Memorial Hospital, Fortuna
  - CT Replacement
  - ICU Headwall Replacement
- » Rideout Memorial Hospital, Marysville
  - Chiller Removal
  - Core and Shell
- » Saint Helena Hospital, Clearlake
  - Chiller Study
  - Fueling System
  - IT Server Room
  - Kitchen
  - Steam System Analysis
- » Saint Elizabeth Community Hospital, Red Bluff
  - Backflow Preventer
  - Bio Medical
  - Chemo Lab Addition
  - Chiller Replacement
  - ETO Sterilizer
  - HVAC Replacement
  - Nuclear Medicine
  - OR Endoscopy Processor
- » Saint Francis Memorial Hospital, San Francisco
  - Elevator Study
  - Emergency Department
  - Gym Relocation
  - Operating Room
  - OSHPD Backcheck
  - Radiation Oncology
  - Surgical Center Remodel
- » St. Joseph Health Memorial Hospital Cath Lab Expansion, Santa Rosa
- » Saint Joseph General Hospital, Eureka
  - Angio Remodel
  - Birthing Wing Remodel
  - CT Scan Replacement
  - Lab Remodel
  - NPC2 Seismic Evaluation
  - Registration Remodel
- » Saint Mary's Regional Medical Center, Reno, NV
  - 5th Floor Cardiac Intensive
  - Care Unit
  - Air Handling Unit
  - Cardiac Surgery
  - Central Plant Addition
  - Center Cooling Tower
  - ECM
  - Intensive Care Unit Relocation
  - Kitchen Remodel
  - Lobby
  - Neonatal Intensive Care Unit Study
  - Surgery Renovation
  - Surgery Chillers
- » San Joaquin Community Hospital, Bakersfield
  - Automated Lab
  - Emergency Medical Air
  - Compressor
  - Gamma Camera Replacement
  - Medical Office Building Peer Review
  - Utility Tunnel
- » San Joaquin General Hospital, French Camp
  - Guarded Medical Unit
  - Remodel
  - Steam Tunnel Study
  - Temporary Chiller
- » Santa Clara Valley Medical Center ED Expansion, San Jose
- » Santa Marta Hospital Central Plant Master Plan, Los Angeles
  - » Santa Rosa Memorial Hospital
    - 3 New Patient Rooms
    - Domestic Hot Water Return
    - OR Stryker I-Suite
  - » Shasta Regional Medical Center, Redding
    - Basement Storage Remodel
    - Building Chiller Replacement
    - Emergency Room Darkroom
    - Helicopter Fumes Study
    - MRI Replacement
    - Nuclear Med Camera
    - Supplemental Cooling Study
    - West Wing Site Investigation
    - West Wing Study
  - » Sierra Nevada Memorial Hospital, Grass Valley
    - Generator
    - North Medical Room
  - » Sierra View District Hospital, Porterville
    - AC Unit Replacement
    - Hospital Expansion
    - Master Plan
  - » Sierra Vista Hospital, Sacramento
    - Electroconvulsive Therapy Unit
    - Hospital Expansion
    - HVAC Study
    - Water Heater Replacement
  - » Sonoma Valley Hospital, Sonoma
    - Basement HVAC Improvements
    - Design Build
    - Lounge
    - MDF Room
    - Operating Room
    - Sub-Acute
  - » Stanford Children's Health Lucile Packard Hospital Peer Review, Emeryville
  - » Sutter Amador Hospital, Jackson
    - Clinic ECHO Room Relocation
    - CT Replacement Study Existing Hospital Survey
    - Medical Office Building Infusion Tenant Improvements
    - Medicine Room Remodel
    - Nurse's Station Remodel
    - Pharmacy Remodel
  - » Sutter Auburn Faith Hospital, Auburn
    - Chiller Replacement
    - Domestic Hot Water
    - HVAC

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## PROJECT LIST

### Continued...

- Master Plan
- Mechanical Upgrade
- Skilled Nursing Facility
- Telcom Rooms
- X-Ray
- » Sutter Health Eden Medical Center, Castro Valley
  - Doctor's Lounge Remodel
  - Programming
  - Replacement Hospital
- » Sutter Davis Hospital Cardiac Rehab Remodel, Davis
- » Sutter Lakeside Hospital, Lakeport
  - AC Management
  - Basement TI
  - Conditions Assessment Study
  - Fire Pump
  - LDRP Addition
  - Sterilizer
- » Sutter Maternity & Surgery Center of Santa Cruz
  - Backfill Remodel/Addition
  - BIM Management
  - Operating Room
  - Validation Study
- » Sutter Medical Center of Santa Rosa
  - Central Utility Plant
  - Commissioning
  - OSHPD 3 Survey
- » Sutter General Hospital, Sacramento
  - 1st Floor CT Scan Equipment
  - 1st Floor Nuclear Medical and ADAC Installation
  - 3rd Floor Lab and Core Lab
  - 3rd Floor Surgery Storage
  - 4th and 5th Floor Upgrades
  - Admin Office Remodel
  - AHU 1, 2, 3 and 5 VFD
  - Angio Rad Equipment
  - Decontamination Equipment
  - Dialysis Relocation
  - Emergency O2 Connection
  - Energy Center Expansion Study
  - Emergency Food Storage Basement HVAC and Plumbing Design
  - Emergency Room Remodel
  - EPIC Pavilion Evaluation
- ETO Sterilizer
- Gas Operating Room
- Hospital Expansion
- Hybrid Operating Rooms
- Kitchen Hood Fire Protection
- Kitchen Master Plan
- Lab Exhaust Study
- Lobby Remodel
- Master Plan 1st and 3rd Floor
- Master Plan Sterile Processing
- North Emergency
- Department CT Scanner
- OR Expansion Study
- Pediatric Emergency
- Department Redesign
- Pharmacy and Business Office
- Piping and Chilled Water Study
- Radiology/Fluoroscopy
- Medical Gas Installation
- Radiology Equipment Change
- Smoke Control Study
- Surgery Chiller Replacement
- Surgery Space Planning
- Sterilizer Installation
- Vascular Suite
- WCC Interim Utility
- » Sutter Medical Center of Sacramento
  - AHU Cooling Coil Replacement
  - Anderson Lucchetti Women's and Children's Center
  - Cancer Center Site Plan
  - Energy Center
  - Medical Records Room
  - Remodel
  - OSHPD Study and Design
  - Peer Review
  - Radiation Oncology Center
  - Mechanical Evaluation
- » Sutter Memorial Hospital, Los Banos
  - Central Plant Study
  - Dialysis Plumbing
  - Isolation Room
- » Sutter Memorial Hospital, Sacramento
  - Cath Lab #1, 3, 4 and 5
  - CT Scan
  - Domestic Hot Water
  - Exhaust Air Study
  - Facilities Master Plan
- Hospital Wing
- Nuclear Medical
- Operating Room
- Neonatal Intensive Care Unit
- Patio Dining Room
- Radiology Renovation
- Sterilizer Equipment
- Storage Room
- Surgery Washer
- Triage
- Vertex Camera
- X-Ray Room
- » Sutter Novato Community Hospital
  - Endoscopy Equipment
  - Master Plan Update
  - MRI Equipment Replacement
  - Operating Room Conversion and Sub Cooling
  - Sterilizer Replacement Study
- » Sutter Solano Medical Center, Vallejo
  - 2nd Floor Re-Roof
  - Master Plan
- » Sutter Roseville Medical Center, Roseville
  - Maternal Health
  - Morgue Cooling
  - New Tower Peer Review
  - Rad and Oncology Expansion
  - X-Ray Room
- » Sutter Warrack Hospital, Santa Rosa
  - OSHPD 3 Survey
- » Tehachapi Valley Hospital
  - Foodservice Consulting
- » Tulare Regional Medical Center Forensics
- » UC Davis Medical Center, Sacramento
  - 3rd Floor Tenant
  - Improvement (Neonatal Intensive Care Unit to Offices)
  - ASB Building
  - CAT Scan Building
  - East 4&5 Study
  - Interim Imaging Facility
  - Master Plan
  - Operating Room Peer Review
  - Outpatient Surgery Center
  - Radiation Oncology
  - Expansion Study
  - Tower DT IS Network Core Room 0709 Study

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## PROJECT LIST

### *Continued...*

- Tower First Floor Peer Review
- » USC Keck Hospital, Los Angeles
  - Endoscopy Suite Remodel
  - Feasibility Study
- » VA Medical Center, Mather
  - Building 700 Hybrid OR Conversion
  - Existing Hospital Remodel
  - Imaging & Nuclear Medicine Building Renovation
- » VA Medical Center MRI Addition, San Francisco
- » VA Sierra Nevada Health Care System Surgery Suite Study, Reno, NV
- » Vencor Hospital-Sacramento Medical Air Compressor, Folsom
- » Vibra Hospital of Northern
- » California Acute Care Remodel, Redding
- » Washington Hospital Healthcare System Tenant Improvements, Fremont
- » Yolo County General Hospital Kitchen Wing, Woodland