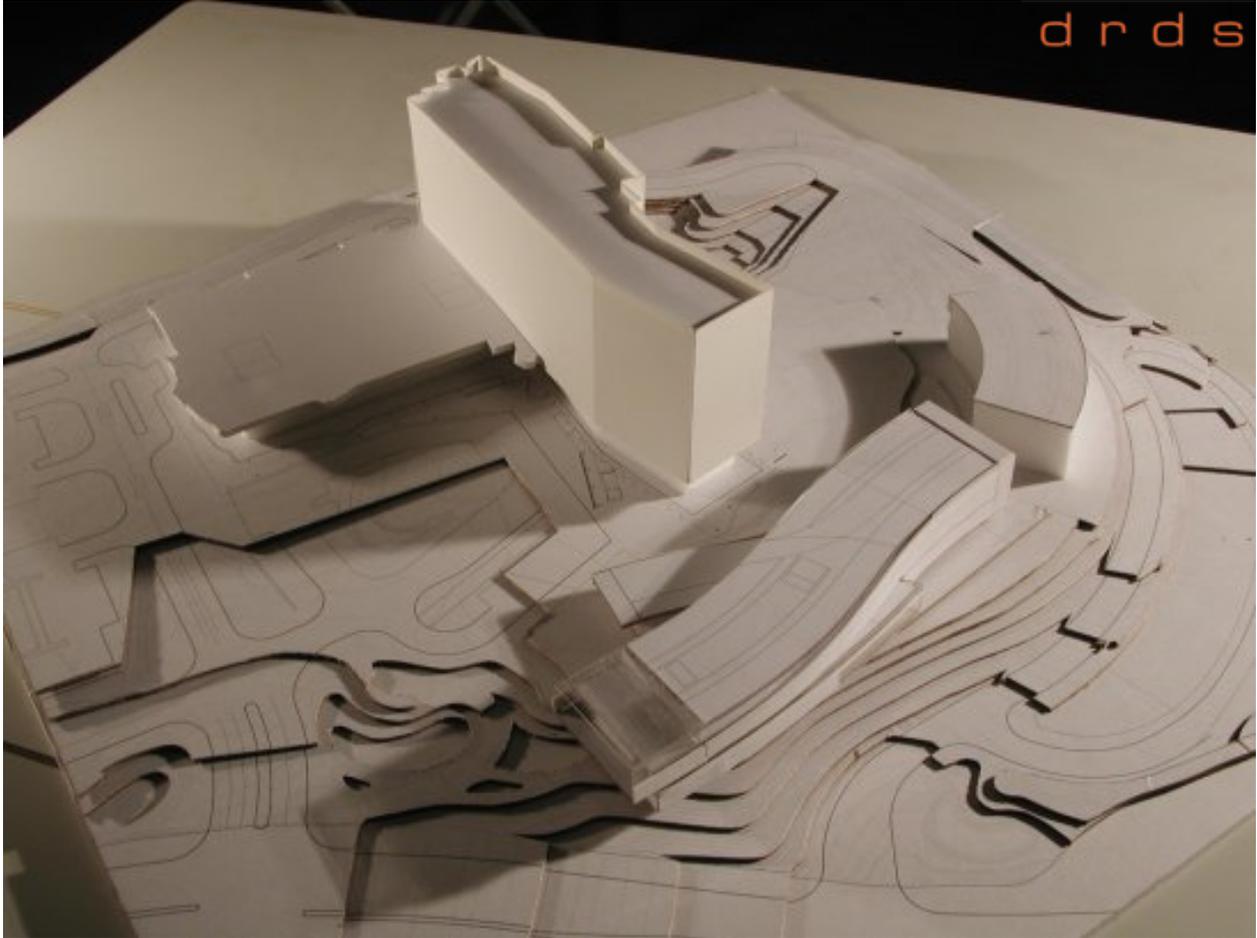


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PALOMAR HEALTH LONG TERM ACUTE CARE AND REHABILITATION HOSPITAL

- **OWNER:** Palomar Health
- **LOCATION:** Escondido, California
- **SIZE:** 110,000 sf
- **COST:** \$ 60 Million
- **FIRM SCOPE:** Design and documentation
- **COMPLETED:** Design Development while at Mascari Warner Architects

Adjacent to the flagship Palomar Hospital, this 90 bed facility is envisioned as a long term acute care center and inpatient rehabilitation facility. Each floor is designed around two 20 bed nursing units with a hybrid centralized nursing station and satellite charting stations. The first floor rehabilitation facility includes a complete gymnasium, physical therapy and speech therapy suites along with the dining room and public spaces for family and community interaction. The upper levels are dedicated to the long term acute care and feature separate therapy rooms, and small ICU unit.

Extensive studies into evidence based design features and successful precedent facilities were conducted in cooperation with Palomar Health and Kindred Health. Visioning sessions with the project executive team led to a strong concept and image of this facility as the “bridge of hope.”



PALOMAR HEALTH POMERADO OUTPATIENT PAVILLION PEDESTRIAN BRIDGE & GARDENS

- **OWNER:** Palomar Health
- **LOCATION:** Poway, California
- **SIZE:** 8,000 sf
- **COST:** \$ 2.7 Million
- **FIRM SCOPE:** Design and documentation, Construction administration.
- **COMPLETED:** 2013 while working at Mascari Warner Architects

The pedestrian bridge for the Pomerado Outpatient Pavilion links the POP with Pomerado Hospital and provides elevators and stairs to ease the transition and twenty-five foot level change between the two facilities. The elevator and stair tower lands behind the hospital in an area that has been transformed into a garden and wellness retreat. Additionally, a row of accessible parking spaces were added adjacent to the garden with connecting walkways, canopies and lighting.





KAISER PERMANENTE REPLACEMENT HOSPITAL

- **OWNER:** Kaiser Permanente
- **LOCATION:** Oakland, CA
- **SIZE:** 680,000 square feet
- **COST:** \$950 Million
- **FIRM SCOPE:** Master planning, Design and documentation, Construction administration.
- **COMPLETED:** Scheduled for 2014 Completion, work performed while at nbbj.

This state of the art hospital is a part of the Kaiser Oakland Medical Campus that will encompass more than 1.7 million square feet of space. The campus includes two medical office buildings, one hospital service building, a 1,200 space parking garage, central plant and the 12 floor hospital.

All of the hospital's 349 patient rooms are private with sleeping space for a family member or loved one to stay the night.

Project Overview:

349 Beds
14 Surgery Suites
Emergency Department and Trauma Center
Imaging Center
8 Labor and Delivery Rooms
Comprehensive Pediatric Center



KAISER PERMANENTE MEDICAL OFFICE BUILDING

- **OWNER:** Kaiser Permanente
- **LOCATION:** Oakland, CA
- **SIZE:** 165,000 square feet
- **COST:** \$156 Million
- **FIRM SCOPE:** Master planning, Design and documentation, Construction administration.
- **COMPLETED:** 2009 while working at NBBJ

This Medical office building was the first phase of the Kaiser Oakland Medical Campus. The new facility is a major step forward in the master plan to rebuild the Oakland Medical Center campus, incorporating new design features that will improve and expand delivery of care. The building includes the new Regional Pediatric Rehabilitation Department, which will treat children from throughout Northern California.

The eco-friendly design and construction of the new building was achieved by providing environmentally responsible materials through the facility. These include carpeting that has no polyvinyl chloride, low volatile organic compound paints, PVC-free rubber flooring that requires no harsh chemicals for cleaning or maintenance, and cotton insulation in walls made from recycled cotton and denim.

Landscaped areas and swales treat storm water, which flows to our Glen Echo Creek restoration. The design includes re-graded slopes to be more natural and sustainable.

Visitors also will find high-efficiency glass, sunshades, and blinds that allow daylight in while minimizing afternoon heat from the sun. Interior lighting features low wattage per square foot, and occupancy sensors are located on each floor to automatically turn off lights when they aren't needed.

The five-floor, 165,000-square-foot facility, contains offices for 50 providers and is adjacent to a new four-level parking garage.

Project Overview:

Cancer Care Center with Chemotherapy/Infusion, Oncology/Hematology and Radiation/Oncology
Ambulatory Surgery Center
Dermatology
Radiation Therapy
Neurology
Occupational and employee health
Outpatient nutritional services
Adult Medicine
Internal Medicine
Health Education
Laboratories and Pharmacy





SHARP MEMORIAL HOSPITAL SEVENTH FLOOR BUILD OUT

- **OWNER:** Sharp Healthcare
- **LOCATION:** San Diego, California
- **SIZE:** 25,000 Square Feet
- **COST:** 12 Million
- **FIRM SCOPE:** Design and documentation, Construction administration.
- **COMPLETED:** 2010 while working at NBBJ

The completion of the Steven Birch Pavilion at Sharp Memorial Hospital in 2010 was met with great success and accelerated the need to complete the buildout of the final patient floor at level seven. Originally this floor was to remain as shelled space until demand was proven, but the need for critical care beds far outstripped even the most conservative estimate. The design-build project team prepared documents for OSHPD approval and sub-contractor bidding. The team then followed through with the construction and contract administration phase for an on time completion.





SHARP MEMORIAL HOSPITAL REPLACEMENT HOSPITAL

- **OWNER:** Sharp Healthcare
- **LOCATION:** San Diego, California
- **SIZE:** 315,621 square feet
- **COST:** \$135 million
- **FIRM SCOPE:** Design and documentation, Construction administration.
- **COMPLETED:** 2009 while working at NBBJ

The Stephen Birch Healthcare Center at Sharp Memorial Hospital features operating suites and intensive-care beds. The operating suites use boom technology to suspend equipment from the ceiling. The ceiling-mounted equipment gives the surgeons and surgical staff more mobility during procedures and also improved infection control. Surgical equipment for the operating suites includes the da Vinci Surgical System to perform robotic, minimally invasive surgery.

A feature of the hospital is that every room is a private room with its own bathroom, at no extra cost to the patient, and with sleeping space for a family member or loved one to stay the night.

The hospital has a larger Emergency and Trauma Center with 37 emergency treatment bays and 10 emergency observation beds and a new surgery center with 10 surgery suites. The new center is nearly 300 percent larger than that in the original building. The center now has 52 beds, including 4 trauma beds. The center also includes a cardiac and stroke center, a 64-view CT scanner to provide the most advanced [CT scans](#), two radiological suites dedicated for [X-rays](#) taken directly in the Emergency and Trauma Center, an area to perform lab tests in the center for quickest results and more.

A garden is located off the main lobby. Family lounges are located on each floor of the hospital.

Project Overview:

368 Beds

10 Surgery Suites

Emergency and Trauma Center

Imaging Center

Awards:

Soliant Health – 2010 Most Beautiful Hospital in America

Personal Role:

Senior Project Architect, Fred Powell *

Project Architect, Jean-Claude Constandse *





SHARP MEMORIAL HOSPITAL **LINEAR STERILE PROCESSING DEPARTMENT**

- **OWNER:** Sharp Healthcare
- **LOCATION:** San Diego, California
- **SIZE:** 5,800 sf
- **COST:** \$3.2 Million
- **FIRM SCOPE:** Design and documentation, Construction administration.
- **COMPLETED:** 2009 while working at NBBJ

As a part of the preparatory work prior to the completion of the Steven Birch Pavilion at Sharp Memorial Hospital, the Sterile Processing Department was renovated and remodeled to better serve the hospital's expanded need for OR supplies and instruments. Materials flow and staging were key factors in the design and construction of this facility, and the challenges of placement into the existing building complex were met by an experienced on-site design team.

