

STANFORD HOSPITAL REMODELS

Palo Alto, CA



Operating Room & Fluoroscopy Remodel

Stanford Hospital & Clinics, Palo Alto, CA

MFT provided structural and seismic design and construction administration for Operating Room #21 and Fluoroscopy remodel of existing operational spaces per CBC criteria.

Cardiovascular Research Building and Alterations Projects

Stanford Hospital & Clinics, Palo Alto, CA

MFT provided structural design and construction engineering for a 62,000 SF three-level reinforced concrete and structural steel medical research facility containing specialized, vibration-limited laboratories, offices, a two-story central atrium, surgical suites, and below-grade animal holding areas.

Stanford Medical Center

MRI Facility

MFT provided structural engineering for a 1,600 SF existing room to support new MRI (magnetic resonance imaging) equipment donated by General Electric.

The work involved demolition of the existing floor and providing stainless steel girders to reduce the effect of the magnetic field. MFT also provided vibration analysis, as the new equipment was very sensitive to vibrations from the surrounding area. New concrete slab and steel beams were added to reduce vibration.

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Cost:
\$2M (MRI Center)
\$5M (all three projects)

Services Performed:
Engineer of Record for
Structural Design and
Construction Administration

Completion: 2000

Area: 1,600 sf (MRI Center)

Client:
Stanford Hospital & Clinics
(formerly UCSF Stanford)
Palo Alto, CA 94305

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