

# Kaiser Permanente Oakland Medical Center Hospital Replacement Oakland, California

**Client:** Kaiser Permanente  
Oakland, California

**Scope:** 349-bed, New Hospital  
Medical Office Building  
Hospital Service Building  
Central Utility Plant and  
Two (2) above and below  
grade Parking Garages  
1,120,000sf.

Kaiser Permanente's flagship, high-rise, hospital will provide 620,000 sf of inpatient care, 370,000 sf of outpatient care, with two above and below grade parking structures. Inpatient care will include 349 beds, 13 operating rooms including hybrid and IMRI rooms and laboratory space. It also includes CT scan and MRI in the imaging department.

Outpatient facilities include 6 operating rooms, cafeteria, MRI, and Linear accelerators. A new central plant will provide steam, heating hot water, chilled water and 10 megawatts of back-up power. Back up fuel will provide uninterrupted utilities to the campus in the event of a power outage.

Drawings were produced in collaboration with the contractors using Lean and BIM design processes.

Following Green Guide for Healthcare standards, the innovative mechanical systems, including heat recovery, variable volume and efficient fan selections and configurations, reduce energy consumption by 38% compared with new, hospitals and 50% compared to older hospital designs. As a result of innovative plumbing and mechanical system designs water consumption was also reduced by 36%. Green innovation has also paid off in maximizing the available utility rebates for energy conservation.

