

Office

500 CAPITAL MALL

Sacramento, California

This 26 level structure implemented the design and checking procedures to prepare the plans and specification for the eccentric braced and moment framing supported by drilled pier and cap foundations. Tasks included reviewing shop drawings and responding to construction RFI's. Non-linear analysis structural modeling was performed to qualify the lateral resisting frame system. During the early stages of design, the structural design team investigated structural framing options in order to minimize cost, detailing, fabrication and erection requirements. The schedule demanded an aggressive design campaign in order to accommodate owner and tenant objectives.



CCPOA BENEFIT TRUST OFFICE

Sacramento, California

The project features tilt-up concrete panels with deep reveal, thickness variations, and colored concrete to achieve the appearance of pre-cast concrete skin panels.



ACCESS DENTAL HEADQUARTERS CAMPUS

Sacramento, California

The project features perimeter tilt-up concrete panel system that serves as the primary Zone 3 lateral resisting system and incorporates a cantilevered stair framing that supports the entry wall window system.

2006 TCA Achievement for Outstanding Example of Tilt-Up Construction

2005 Best Office Project by McGraw Hill California Construction



HIGHLAND POINTE CORPORATE CENTER BUILDING B

Roseville, California

The building is designed with 64.5 feet tall tilt-up panels and features a roof top screen-wall that extends into the perimeter convex window system.

2006 Best Office Project by Sacramento Business Journal



GOLD POINTE CORPORATE CENTER BUILDINGS B, C, D, & E

Gold River, California

Building A was designed by another firm as a conventional steel framed structure. Studies were performed to incorporate low cost tilt-up panel concrete systems while maintaining the architectural design integrity. Concrete panel and steel frame detailing was incorporated to achieve the low-cost concrete tilt-up panel detailing for buildings B, C, D and E.



Office

GSA-SMALL BUSINESS ADMINISTRATION OFFICE

Citrus Heights, California

The project features the first concrete tilt-up structure in California to utilize detailing for blast resistance loading requirements in compliance with the "Progressive Collapse Analysis and Design per the Guidelines for New Federal Office Buildings and Major Modernization Projects, June 2003"

2005 TCA Achievement for the Outstanding Example of Tilt-Up Construction

2004 McGraw Hill California Construction Best Office/Public Sector



NATIONWIDE INSURANCE CORPORATE CENTER

Sacramento, California

The project features perimeter tilt-up concrete panel system that serves as the primary Zone 3 lateral resisting system and incorporates entry window wall systems that extends to the screen-wall parapet.

2006 TCA Achievement for Outstanding Example of Tilt-Up Construction



LAGUNA POINTE OFFICE BUILDING 1

Elk Grove, California

The project features a perimeter concrete panel that provides the primary lateral resisting system in conjunction with two interior shear walls that are situated within the interior stairwells.



SUTTER HEALTH HEADQUARTERS

Sacramento, California

The project features tilt-up concrete panels with deep reveal and thickness variations utilizing a 36' interior grid.



SAN JOAQUIN COUNTY AGRICULTURAL CENTER

Stockton, California

The project provides 96,000 sf of total space for the County Agricultural Commissioner, the UC Cooperative Extension, and the County's Office of Emergency Services. The structural design incorporates single and two level construction for meetings rooms, offices and the emergency operations center utilizing concrete tilt-up panel systems, braced frames, and conventional concrete filled metal decking.

