

4TH AND SAN FERNANDO SAN JOSE, CALIFORNIA

This \$40 Million parking structure located at 4th & San Fernando is unique in both its design and utilization. A 7-story post-tensioned concrete parking garage comprising approximately 350,000 square feet was built on this site. On the upper level there is a banquet hall composed of a very intense light-weight steel frame. The foundation work consisted of approximately 3½ months of auger caulked cast pile work requiring continuous inspection of all installation activities. The shear walls on the project were designed for extremely high compressive strength values, as high as 12,000 PSI on the lower levels. Consolidated Engineering Laboratories (CEL) set up an on-site curing facility to ensure the facilitation the initial 24-hour curing process.

Of Special Interest:

- Developed on-site concrete curing facility for 12,000 psi concrete in conjunction with the Ready-Mix supplier.
- Worked closely with the City to document non-compliance of relevant subcontractors for back-charge.
- Coordinated daily construction activities with San Jose Public Works Inspectors.

Client: The Redevelopment Agency of the City of San Jose
Jim Hines – (408) 794-1000

Construction Manager: Gilbane
James Tubbs – (408) 794-1308

Structural Engineer/
Architect: Ellerbe Becket
Actul Pathare – (415) 908-6100

General Contractor: Hensel Phelps
Jeff Fredericksen – (408) 452-1800

Duration: June 2001 – October 2002

Construction Costs: \$90 Million

CEL Fees: \$303 Thousand

