

San Mateo Fire Station #21 Renovation

San Mateo, California

Architect

Ekona Architecture and Planning

Completion Date

2003

Construction Cost

\$4 million

Total Area

10,000 sf

Number of Stories

2



Fire Station #21, a registered historic building which serves as the main facility for San Mateo, was constructed in 1939 with an expansion in 1955. This project involved a substantial seismic retrofit to comply with Performance-Based Engineering Criteria for continued operation following a moderate to severe earthquake. Strengthening required total reconstruction of the second level, replacement of the roof deck, application of shotcrete to existing walls, and the installation of strategically located braced steel frames.

This project was awarded "Best Historic Preservation" by the 2003 Structural Engineers Association of California's Excellence in Engineering Awards program.