



## Oakwood Memorial Park Chapel and Lodge Santa Cruz, California

### Civil and Structural Engineering



**Client Reference:**

Randy Krassow, Owner  
1927 Ocean Street Extension  
Santa Cruz, CA 95062  
(831) 426-1601

**Budget:** \$1.2 million

MME developed this elegant structural system in keeping with our client's budget and the architect's vision. The 5,500 square foot Lodge and 4,500 square foot Chapel were designed as entirely separate structures connected by a curved, two-story foyer for independent response to seismic activity. The foyer creatively provides a fusible seismic connection between the two main structures. A thin, steel tube-frame, blanketed by translucent shoji-like panels forms the roof.

The lower level of the buildings required the design of 16' high concrete retaining walls along the entire uphill side. The foundation soils required a combination of conventional concrete spread footings and drilled pier and grade beam designed to minimize the risk of differential settlement across the building.

The result: a very successful and very beautiful facility.

