



## Koinonia Dining Hall Addition Corralitos, California

### Structural Engineering



#### Client Reference:

Dave Breuninger  
Executive Director

#### **Koinonia Conference Grounds**

1605 Eureka Canyon Road  
Watsonville, CA 95076  
(831) 722-1472

**Budget:** \$660,000

Mesiti-Miller Engineering was selected to provide structural engineering services for a new addition to an existing dining hall at the conference grounds, nestled high in the Santa Cruz Mountains immediately adjacent to the San Andreas Fault zone.

The concept of the addition for the compact and hilly site was to expand outward over a steep slope with a reinforced concrete cantilever to expand the interior spaces of the dining room, doubling the indoor dining capacity of the facility. New as well as existing concrete cast-in-drilled-hole piers were utilized to support the new cantilever slab, and the structure above was carefully designed with solid sawn wood framing to seamlessly blend with the existing framing and architectural features. The existing outdoor deck area was also preserved and retrofitted to meet current standards as part of the project.

The project was completed with an aggressive schedule utilizing a design-build approach, in order to minimize downtime for the Conference Center. Extensive construction support was also provided to allow the building owners to make modifications during construction, ensuring an extremely functional and satisfying final product.

