



## Diocese of San Jose San Jose, California

## Structural Engineering



### Client Reference

Robert Laubach, MBL & Sons, Inc.  
1698 Rogers Ave.,  
San Jose, CA 95112  
(408) 467-0150

**Budget:** \$6 million

**Photovoltaic Size:** 886 kW

As the popularity of solar energy begins to grow, solar systems are becoming a necessity for large school districts such as the Diocese of San Jose.

MME provided all structural engineering services for five different sites: Holy Spirit, Queen of Apostles, St. Christopher, Holy Family and Gate of Heaven. The project included ten roof top and four ground mount systems.

MME designed the structural solar frame system, the connection to the roof and evaluation of the existing building structures. MME designed different frame systems to adapt to the difficult parameters encompassing each individual roof slope and building structure. Most of the buildings have been in existence for over 50 years and had no pre-existing plans or drawings, so extensive field documentation of existing conditions was necessary in order to properly evaluate the existing structure and prepare construction documentation suitable for approval by the Division of State Architects (DSA).

