



Jefferson Union Unified School District San Jose, California

Structural Engineering



Client Reference

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

Photovoltaic Size: 5.1 MW

Mesiti-Miller Engineering provided all structural engineering services for the installation of new roof mounted solar systems at four different campuses including Jefferson Union High School, Oceana High School, Westmoore High School and Tera Nova High School. Buildings varied from pre 1950's construction to construction under the current 2007 California Building Code. Rack systems and their connections to the existing roofs varied considerably from site to site due to various roof slopes, building orientations, roof top obstructions and existing building structural systems. All our construction drawings and structural calculations were approved by the Division of State Architects (DSA).

This project exemplifies MME's ability to custom fit solar systems to many different building types while maintaining the integrity of the structure and optimizing solutions to overcome design challenges.