

Los Medanos College Library, Science and Math Buildings

Pittsburg, California

Owner

Contra Costa Community
College District

Architect

tBP Architecture

Contractors

SJ Amoroso Construction Company
(Science Building)
Sierra Bay Construction
(Math Building)
Zovich Construction (Library)

Completion Date

2008

Construction Cost

\$45 million

Total Area

94,000 sf

Number of Stories

2



Science Building



Math Building



© Swanson Images

Thornton Tomasetti provided structural design for a 24,000-square-foot library, 70,000 square feet of classroom space, and a rooftop observatory. To minimize costs, the structural system is comprised of a composite steel and concrete floor system and concentrically braced frames supported by conventional spread-footing foundations. To meet the more stringent design criteria of the Division of the State Architect, a site-specific dynamic analysis was performed to simulate an upper and lower bound earthquake to help ensure safe performance during a seismic event.

The library houses collections, a resource center and community room. The science building provides two lecture halls, numerous classrooms, faculty offices, and eight science labs. The math building includes a large math lab, an entire floor of classrooms, and faculty offices.