

Design Build Award Winner:

College of San Mateo- Science Bldg. & Planetarium
Best Project- Public Sector Building over \$15 million
McCarthy Building Companies



Project Description

CSM's Integrated Science Building scope was to fit the combined program of astronomy, chemistry, physics, and biology, and house lecture halls, faculty and staff offices, laboratories and related spaces into a 62,000 sq. ft., three-story building. The facility is the cornerstone building at the campus' north entrance. It features a planetarium and an observatory with a retractable roof encouraging its users to view the universe with fixed and moveable telescopes. The planetarium was specified to be detached from the main building to allow access for visiting schools and community groups. The planetarium houses a \$1.5 million state-of-the-art GOTO Star Projector and geodesic dome for teaching, study and experimentation.

While the owner did not require a sustainable standard for this project, the design-build team provided a number of elements that would contribute to a LEED-certified project.

McCarthy/LPA delivered an environmentally-friendly, state-of-the-art teaching facility and has laid the groundwork in having additional community colleges utilize the design-build delivery model. The successful completion of this project underscores the effectiveness of the design-build process. The project also boasted a perfect safety record.

Design-Build Team

Design/Build Team Leader / General Contractor:
McCarthy Building Companies, Inc

Architect: LPA, Inc.

Structural Engineer: Rutherford & Chekene

Electrical Engineer:
Sasco Electrical Construction and Data Systems

Mechanical Engineer: Western Allied

Owner: College of San Mateo

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