



High School
New Construction

Fullerton Union High School

Fullerton, California

Henry Woo Architects, Inc.

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1210 Brea Canyon Road
Diamond Bar, CA 91789

Henry H. Woo, AIA
(909) 594-8193

DESIGN TEAM

Henry H. Woo, AIA
Principal Architect

David Hopkins
Project Architect

David Kim
Project Captain

Sean Paradine
Project Manager

Ken Nukui
Graphic Design

Eric Sifuentes
CAD Production

OWNER/CLIENT

Fullerton Joint Union High School
District
Fullerton, CA

Colleen Patterson, Assistant
Superintendent of Business
Services
(714) 870-2800

Type of School and Grades Served
High School, 9-12

Capacity: 560 students (New
Section)

Size of Site: 27.5 acres

Area of Building
18,578 square feet

Volume of Building
434,512 cubic feet

Space per Student: 33 square feet

Cost per Student: \$11,717

Square Foot Cost: \$353

Cost of Construction
\$6.6 million

Total Project Cost
\$7.4 million

Percent of Completion

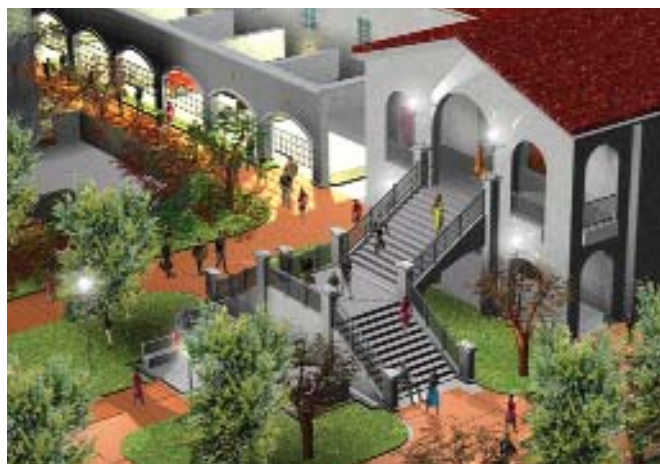
100% Design

5% Construction

Fullerton Union High School was built in various stages starting in 1911. The main school site consists of about 27 acres, which is half the normal size of California's standard high school today. However, enrollment in recent years has averaged more than 2,000 students. Selecting a location for the new building presented a challenge because of the limited site and an old underground utility tunnel system that has been deteriorating. The district's final decision was to locate the new classroom structure over an existing staff parking lot.

During the conceptual design, several viable structural systems were studied carefully, and input was gathered from engineers. The selected system is a combination of steel-braced frame and conventional construction, which achieves the needed flexibility for the large, open-space classrooms, science labs, and the second-floor computer labs, while providing the rigid grid layout needed for the ground-level parking.

The rooms are equipped with teaching walls, which provide storage and teaching



AERIAL VIEW



SCIENCE LAB

areas in a space-efficient system. To keep the building design responsive to the school's historical context,

columns, arches, tiled gable, and mansard roofs were carefully integrated into the overall scheme. ■



COMPUTER LAB