



Green School Building
New Construction

HMC ARCHITECTS

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DESIGN TEAM

TMAD Taylor + Gaines,
Structural Engineering
Roshanian & Associates,
Electrical Engineering

ACEA,
Mechanical + Plumbing
Engineering

Breen Engineering, Inc.,
Civil Engineering

EPT Design, Inc.,
Landscape Architecture

Mace Foodservice Design,
Foodservice

OWNER/CLIENT

Los Angeles Unified
School District
Los Angeles, CA

Kevin Newman, AIA,
Senior Design Manager
213/972-7171

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

Capacity: 2,295 students

Size of Site: 18 acres

Area of Building:
243,000 square feet

Space per Student:
106 square feet

Cost per Student: \$36,928

Square Foot Cost: \$349

Cost of Construction:
\$84.8 million

Contract Date: Sept. 2005

Completion Date: Sept. 2010

Percent of Completion: 40%

Taylor Yards High School

Los Angeles, California

HMC Architects



MAIN CAMPUS QUAD

As part of a redevelopment that includes a new park and river restoration, Taylor Yards High School will anchor a residential community that is transforming a former industrial zone in suburban Los Angeles. HMC Architects led teachers, district leaders, parents, and students through brainstorming workshops from the beginning of design. The result is a school that addresses the environmental concerns of the community while meeting a neighborhood need for public recreation areas.

Enhancing personalized instruction, HMC and LAUSD developed five small learning communities, providing specialized programs in individual buildings. The campus features interaction zones defining levels of public use. Shared community spaces—gymnasium, library, playfields, and performing arts center—are located closest to the residential area. This arrangement separates instructional facilities from surface streets, preserving campus openness while adding security.



AERIAL RENDERING



SMALL LEARNING COMMUNITIES

Taylor Yards High School has earned 42 CHPS points, making it the highest qualifying high school in the district's program. The design reduces the amount of air-conditioned space by maximizing outdoor circulation. Horizontal sun-

shades screen direct sun while maximizing daylighting; vertical exterior mechanical shafts deflect east-west rays while increasing classroom space.

Opening in 2010, the school will serve 2,295 students in 85 classrooms. ■

RENDERINGS: HMC ARCHITECTS