



Green School Building
New Construction

VCBO ARCHITECTURE

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Steve Crane, FAIA, REFP
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DESIGN TEAM

Steve Crane, FAIA, REFP,
Principal-in-Charge

Vern Latham, AIA,
Project Manager

Pablo Gotay, AIA,
Project Coordinator

Herm Hughes Construction,
General Contractor

OWNER/CLIENT

Park City School District
Park City, UT

Dr. Ray Timothy
435/645-5600

Type of School
and Grades Served:
High School, 10-12

Capacity: 1,500 students

Size of Site: 28 acres

Area of Building:
260,000 square feet

Volume of Building:
4.2 million cubic feet

Space per Student:
187 square feet

Cost per Student: \$15,667

Square Foot Cost:
\$115-New; \$40-Remodel

Cost of Construction:
\$23.9 million

Total Project Cost: \$28 million

Contract Date: Sept. 2004

Completion Date: Aug. 2008

Percent of Completion: 100%

Park City High School

Park City, Utah

VCBO Architecture



PARK CITY AT SUNRISE

Park City High School is designed around an integrated curriculum concept that reinforces collaborative learning and teaching. The design divides the large facility into smaller populations, using “education communities” that are more conducive to current models of learning environments. These informal, central gathering spaces form a nucleus for surrounding science labs, lecture rooms, and classrooms that bring students and teachers together in intimate communities. Teacher planning spaces next to these gathering areas facilitate collaboration, foster positive relationships, and encourage a rigorous, relevant, student-based curriculum.

A lively Design Building Committee, made up of teachers, administrators, students, and local community groups, informed an authentic, responsive design-development process that identified and optimized the best space configurations for these education communities. The architect,



STUDENT COLLABORATION SPACE

as facilitator, spent nine months developing the concept plan and schematic design through multiple meetings, site tours, and committee work sessions. The final design is a new two-story structure that incorporates historical structural sections of the old high school.

The selection of building materials and textures and the scale have made the resulting campus one cohesive facility. By including interesting elements such as sloped, corrugated metal roofs and gables

and extruded metal panels, the area’s rich mining tradition is suggested in the building’s design. Other architectural features that echo surrounding Park City include wide flange beams and split-faced, honed masonry units that emulate the mountain and stone architecture of the area. The high school’s exterior uses a rhythmic variety of faces that express the function of the interior’s smaller education communities. The resulting facade fits naturally into its setting.



MAIN ENTRY



SCIENCE LABORATORY



FOOD SERVICE AREA

LEED certification was planned into the design from the start, thanks to the school district's commitment to sustainability. Energy savings are projected at 50 percent per year, and the school will be 100 percent green powered. LEED credits were earned by using efficient task lighting and daylighting. Innovative water conservation that includes low-flow fixtures and water-wise landscaping will save a million gallons of culinary water per year.

Sustainable construction practices that earned LEED points included recycling 75 percent of construction waste, using local materials, and recycling a wide variety of materials from the existing school. Bricks were used as pavers, and steel structure was reused. The community is proud that the new school reflects residents' commitment to the environment and is delighted with the facility's functionality and beauty. The high school is pursuing LEED Silver certification. ■



STUDENT COMMONS

PHOTOS: DANA SOHM—SOHM PHOTOGRAPHX