



2008 Governor's Achievement Awards for Innovative School Design

"Imagination
is more
important
than
knowledge."

Albert Einstein



Report on Award Winners

Sponsored by
The Arizona School Facilities Board

2008 Governor's Achievement Awards for Innovative School Design

Semi-finalists were recommended by a panel of judges

PANEL OF JUDGES

Marlene Imirzian, AIA. Marlene Imirzian & Associates Architects, Phoenix

Lauren Kielsmeier, MBA. Policy Advisor to Governor Napolitano on Education

Deborah P. Moore, Publisher of School Planning & Management Magazine

Tom Rushin, SFB Board Member. Retired School Administrator, Yuma

Arlen Solocek, AIA. District Director, Facilities Planning & Management,
Maricopa Community Colleges.

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2008 Governor's Achievement Awards for Innovative School Design

Finalists were recommended by the SFB to The Governor

SCHOOL FACILITIES BOARD (SFB)

Frank Davidson, Chair. Casa Grande

Brooks Keenan, Vice Chair. Tucson

Patricia Gober, Tempe

Gary Marks, Prescott Valley

David Ortega, Scottsdale

Tom Rushin, Yuma

Penny Allee Taylor, Phoenix

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Governor's Award in the Accessibility for All Category

Facility Attributes

- ADA requirements met with flair, integrate universal access principles into design concept
- Circulation design patterns & details that show sensitivity to special needs students & teachers
- Easy to use access (door) hardware

Phoenix Day School for the Deaf

Arizona State Schools for the Deaf and Blind
Principal: Bradley Knudson, Ed.D
Architect: DLR Group
General Contractor: W.E. O'Neil

Selection Rationale: *strong visual orientation & clear circulation provided which is essential to hearing-impaired users*



Accessibility for All: continued

Phoenix Day School for the Deaf



Visual Stimulation

The material palette consisted of rich tactile materials with character, providing visual stimulation, joined with vibrant colors serving to provide visual cues for the viewer.



Sight

For a deaf student, accessibility requires attention to visual aspects of a building design because, for a deaf student, communication requires sight.

The importance of sight begins at the classroom layout – determining the space module for the building - influencing structural, mechanical, and electrical system layouts.



Sustainable Education

In the media center, the storytelling corner layers colors with white board space to ease visualization of signing.

Student seating is never in rows which would obscure views, but rather in semi-circular layouts.



Governor's Award in the Schools as Centers of Community Category

Facility Attributes

- o Cooperative funding / shared use of site and building
- o Obvious and hospitable entry to site and building
- o Direct and safe routes to school
- o Spaces adaptable for multiple activities

Verrado Middle School

Litchfield Elementary School District

Principal: Kim Diaz

Architect: Orcutt | Winslow

General Contractor: D.L. Withers

The campus is located within walking distance of many of the neighborhoods, parks and Main Street retail. The Spanish colonial-style architecture gives the school a classic appearance, while inside the campus are technologically advanced classrooms with state of the art equipment.



Education at Verrado will be a way of life that is not limited by age – quality of education will be afforded to children, seniors and everyone in between. Plans include offering adult education classes on everything from computers to Spanish to the arts, as well as multi-generational instruction in local history and other subject areas.

Selection Rationale: sensitive scale, reflection of historic precedent, & integration into neighborhood fabric

Schools as Centers of Community: Honorable Mention

Boulder Creek High School

Deer Valley Unified School District

Principal: Lauren Sheahan

Architect: DLR Group

General Contractor: W.E. O'Neil



Shared Resources

Located near the administration building and school entrance, the Boulder Creek High School Library doubles as the Maricopa County North Valley Regional Library.

Its entrance is arranged for easy public and student access, with both entrances showing prominence in the front of the school.



Governor's Award in the Personalized Learning Spaces Category

Facility Attributes

- o Accommodating the teacher / student connection
- o Loose fit – classrooms that are flexible and adaptable to alternative teaching methods
- o Small, informal learning spaces, even outdoors
- o Learning cluster patterns – akin to the “Schools within a School” pattern
- o Informed by research on smaller class size, student achievement, and teacher performance

Valley View Early Learning Center

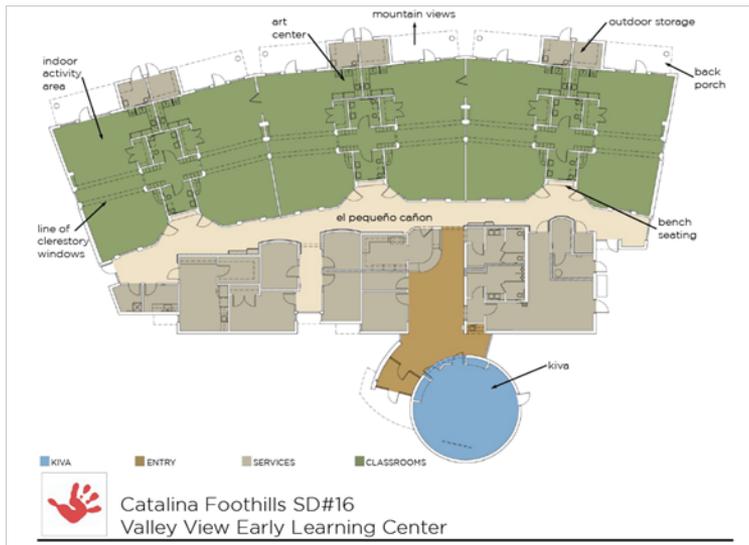
Catalina Foothills Unified School District

Principal: Michelle Leeder

Architect: T. Howard + Associates

General Contractor: Heery International

Selection Rationale: *non-traditional learning spaces emphasized with good outdoor spaces as well*



Governor's Award in the *Safety by Design* Category

Facility Attributes

- o Evidence of Crime Prevention Through Environmental Design (CPTED) principles
- o Floor Plan organization – circulation, adjacencies, and visibility
- o Communication provisions
- o Careful selection of security hardware

Faith North Elementary School

Phoenix Elementary School District

Principal: Susan Engdall

Architect: DLR Group

General Contractor: Sun Eagle Contractors

Selection Rationale: *simple design solutions contributing to safe campus adjacent to non-residential surroundings*

Site Security

The building is a single story with a simple and easily secured perimeter. It is placed on the site to provide direct access from buses and parking areas. The play fields are surrounded by ornamental steel perimeter fencing or the block walls of adjacent properties.



Governor's Award in the Sustainable Design Category

Facility Attributes

- Make it last
- Create a comfortable fit with its environs
- Energy efficiency & water conservation
- Daylighting & windows in each classroom
- Alternative energy applications
- Renewable materials used in its construction



Civano Community School

Vail Unified School District

Principal: Pam Bateman

Architect: Swaim Associates, LTD

General Contractor: Four L Construction Co.

Selection Rationale: example of how a building inspires students to environmental awareness & commitment to sustainability goals (winners of "the greenest grade school in America" on the Ellen Show January 2008.)



INNOVATIVE SCHOOL DESIGN IN ARIZONA
swaim
ASSOCIATES LTD
ARCHITECTS & AIA
10673 East Mira Lane
Tucson, Arizona
85749
CIVANO
COMMUNITY SCHOOL
10673 East Mira Lane
Tucson, Arizona



Sustainable Design: Honorable Mention

Coronado High School

Scottsdale Unified School District

Principal: John Biera

Architect: DLR Group

General Contractor: Adolphson & Peterson



Sustainable Design: Honorable Mention

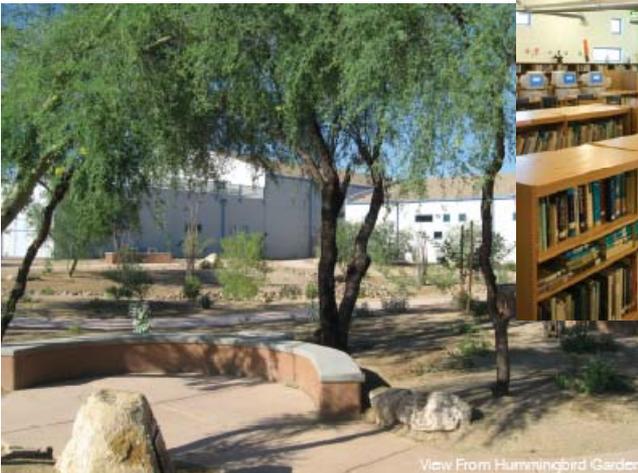
Davidson Elementary School

Tucson Unified School District

Principal: Deborah Anders

Architect: BWS

General Contractors: Concord Construction



Sustainable Design: Honorable Mention

Desert Edge High School

Agua Fria Union High School District

Principal: Dr. Bob Rossi

Architect: Emc2 Group

General Contractor: Adolphson & Peterson



Sustainable Design: Honorable Mention

Franklin Police & Fire High School

Phoenix Union High School District

Principal: Dr. Christine Yberra

Architect: Hunt & Caraway

General Contractors: Sun Eagle Contractors



Sustainable Design: Honorable Mention

Verrado High School

Agua Fria Union High School District

Principal: Tom Huffman

Architect: Orcutt | Winslow

General Contractor: Adolphson & Peterson



SUSTAINABILITY STATISTICS:

Energy Efficient Strategies-
High Efficiency Lighting
Daylighting/Occupancy sensors
Insulated block wall system (R-11)
High-efficiency glazing
Variable Speed Drives on Chilled & Hot
Water Pumps
Demand Control Ventilation
High Efficiency Chiller in Central Plant

Results:

28% more energy efficient than ASHRAE
90.1- 1999 Building Energy Standard
921,000 KWH saved
\$58,000 savings per year
Equivalent to 86 average size homes

INTEGRATED MATERIAL STRATEGIES:

Structural Steel
Hollow metal doors
Local brick and masonry
Low VOC adhesives, sealants, paints and
coatings
CRI certified carpet
Composite panels with no added Urea
Formaldehyde

Results:

85% materials used on the project are
local materials

WATER SAVING STRATEGIES:

Low-flow fixtures
Waterless urinals
Low-flow showers
Handwash Stations

Results:

30% water savings as compared to the
Energy Policy Act of 1992 requirements

Governor's Award in the *Technology for Teaching & Learning* Category

Facility Attributes

- Digital technology in the classroom
- Technology in small informal learning spaces
- Technology in outdoor instructional spaces and individual learning nooks
- Displaying server room hardware to public view
- Campus-wide "WiFi" infrastructure

Southwest Junior High School

Gadsden Elementary School District

Principal: Richard West

Architect: Emc2 Group

General Contractor: FCI



Selection Rationale: great example of technology inspiring both teachers & students to do better work.

Technology for Teaching & Learning: Honorable Mention

Empire High School

Vail Unified School District

Principal: Cindy Lee

Architect: Swaim Associates LTD

General Contractor: Lloyd Construction



Classrooms: students have laptops in lieu of textbooks, digital ceiling mounted projector, and tinted windows provide natural light in conjunction with indirect lighting with multiple levels of control to control glare.



Interior of Dining/Auditorium Building: Angled acoustic panels at ceiling at walls and ceiling reduce noise level. Wireless system available throughout space encourages students to study wherever they are.

Governor's Award in the Overall Architectural Design: Category

Boulder Creek High School

Deer Valley Unified School District

Principal: Lauren Sheahan

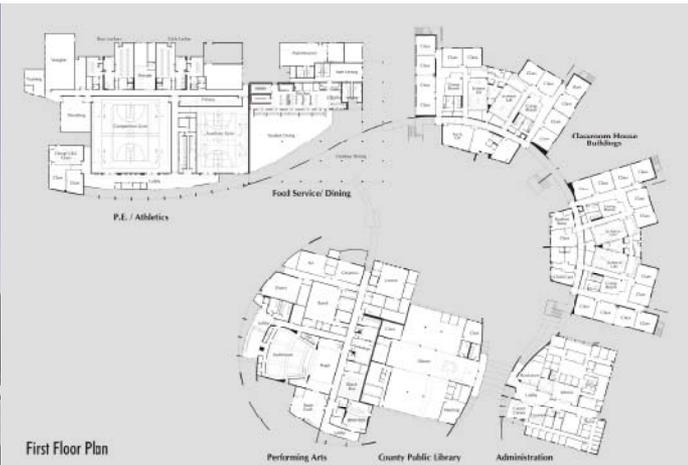
Architect: DLR Group

General Contractor: W.E. O'Neil

Facility Attributes

- o Innovative & Imaginative Design Concept
- o Contextual Fit to Site and Adjacent Neighborhood
- o Appropriate Scale
- o Authentic Use of Materials
- o Organization of Plan

Selection Rationale: A sweeping curve organizes the plan / great entries to school and public uses / incorporated existing dry creek bed into the campus scheme.



Overall Architectural Design: Honorable Mention

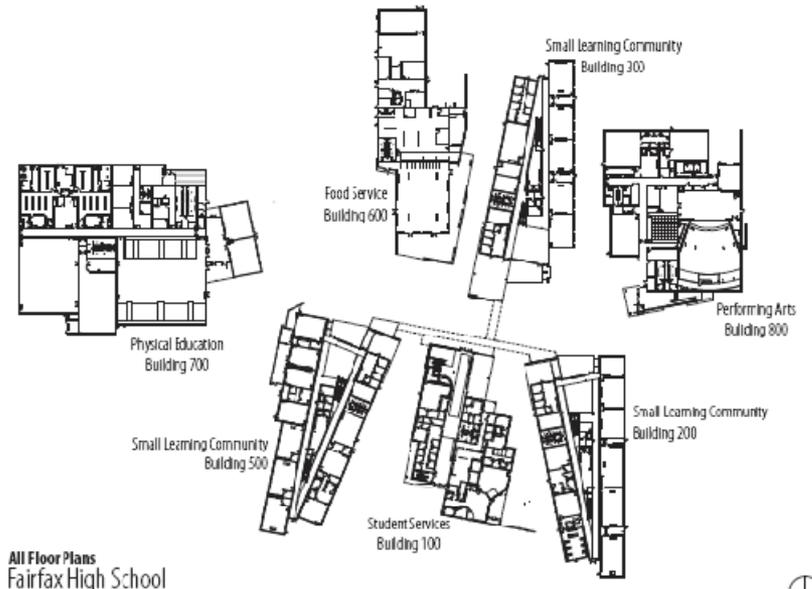
Betty H. Fairfax High School

Phoenix Union High School District

Principal: Zachary Munoz

Architect: DLR Group

General Contractor: Adolphson & Peterson



Overall Architectural Design: Honorable Mention

Verrado Middle School

Litchfield Elementary School District

Principal: Kim Diaz

Architect: Orcutt | Winslow

General Contractor: D.L. Withers

