



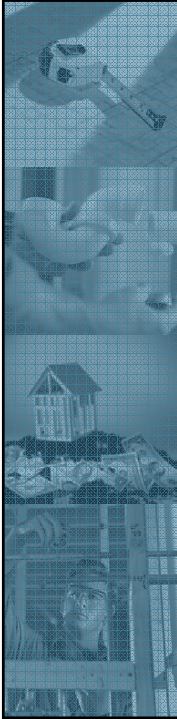
CALIFORNIA'S
COALITION
for ADEQUATE
SCHOOL HOUSINGSM

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C.A.S.H. WORKSHOP
“How to Design and Construct Modernization Projects”

CASE STUDY: VANDEN HIGH SCHOOL

LISA GELFAND
LARRY SCHADT
Gelfand Partners Architects, Inc.



CASE STUDY: VANDEN HIGH SCHOOL

- Lisa Gelfand
 - Larry Schadt
- Gelfand Partners Architects, Inc.*

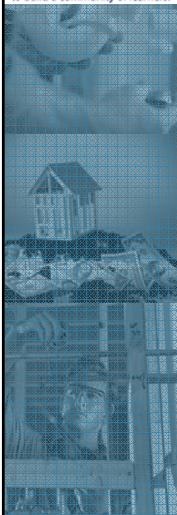
TRAVIS UNIFIED
SCHOOL DISTRICT

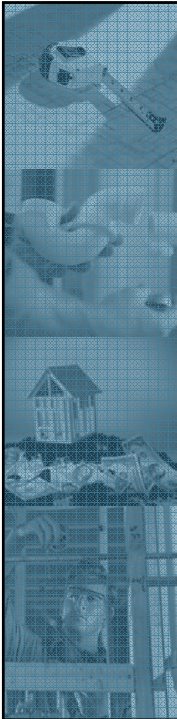


Reaching beyond the boundaries
to build a community of learners.

Vanden High School Case Study

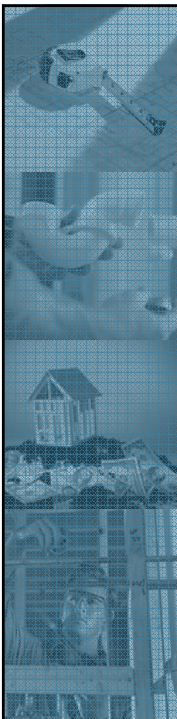
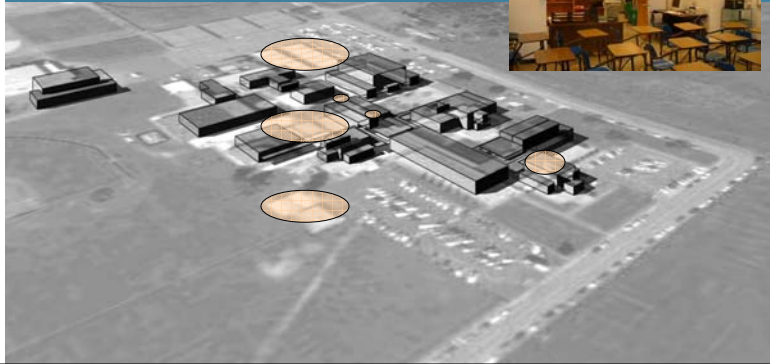
Fairfield, CA





Vanden High School

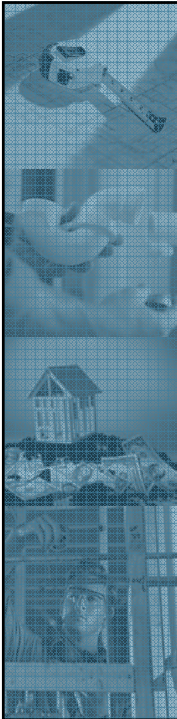
Built in 1964	
enrollment	600 students
faculty	36
Growth through 2006	
enrollment	1472 students
faculty	70
Portable classrooms	17
Ad hoc classrooms	3



Vanden High School

Modernization and growth history	
2000	SRS energy and HVAC
2001	State hardship walkways
2003	Day school portables
2004	State bond funded accessibility
2006	State and developer bond funded growth

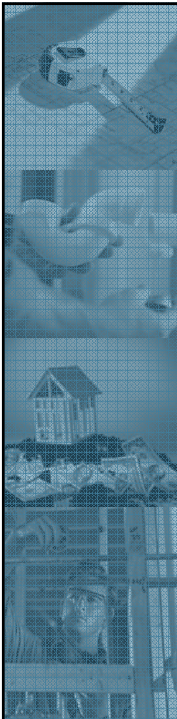
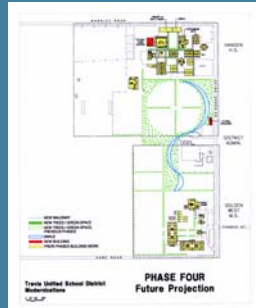




Programming

District superblock
 District Office
 Middle School
 Continuation School
 High School

Potential joint uses
 Air Force band
 Swimming pool
 Sports facilities
 County library



Matching needs and resources



Funding sources

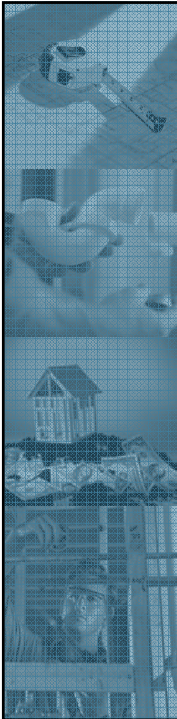
State funding
 Developer bonds

Needs

Classrooms used all day
 Space for teacher prep
 Flexibility
 Cost effective design

Strategies

Use (e) buildings better
 Create defined academies
 Repeat prototypes
 Plan for future uses
 High performance design
 Phase construction



Modernization design

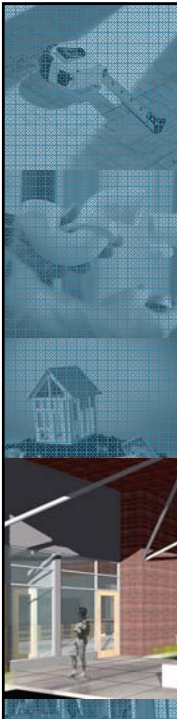
Relocate music and restore original cafeteria

Remove portables to create (n) court

Convert (e)classroom building from center corridor to center teacher prep



(n) exterior doors and walkway



New building design

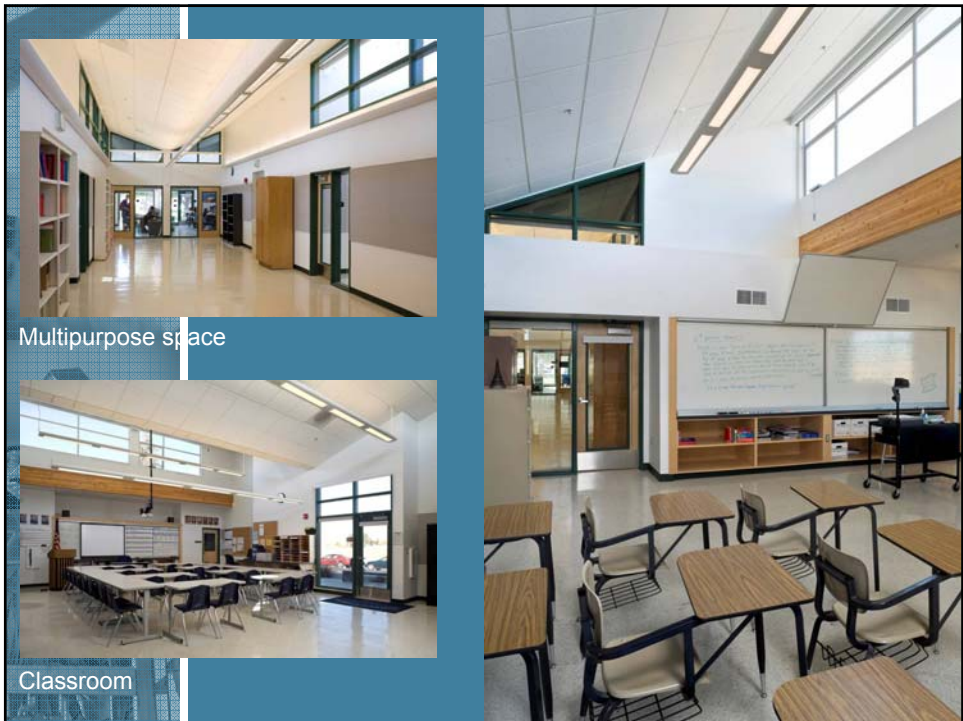
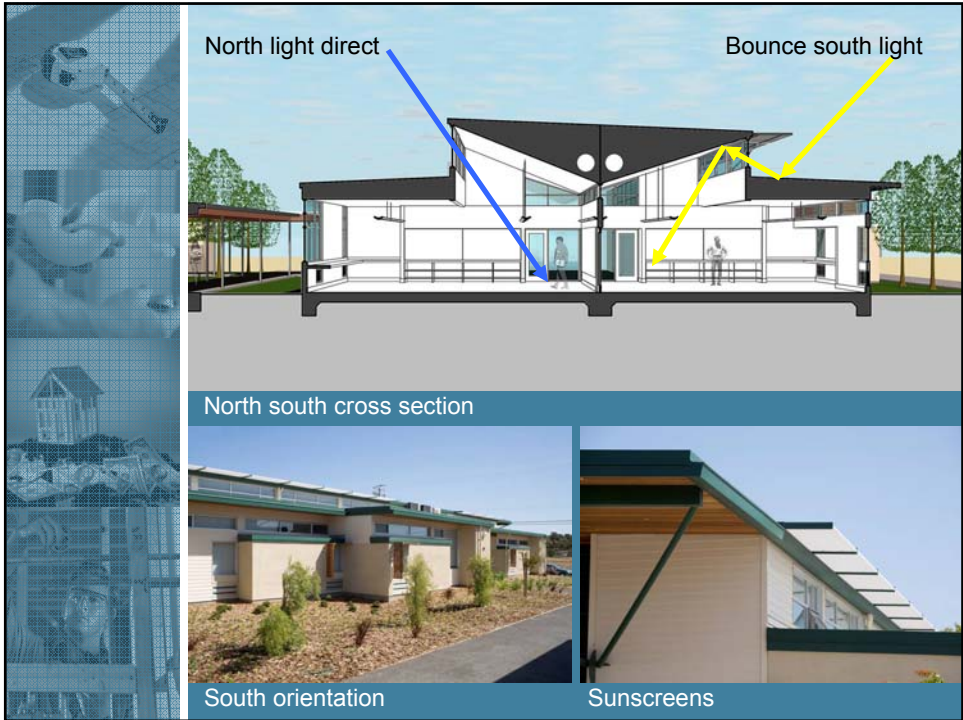
Prototype buildings

Reduce \$\$\$\$ /sf
Speed construction
Adjust for sun orientation
Develop outdoor spaces

Full utilization

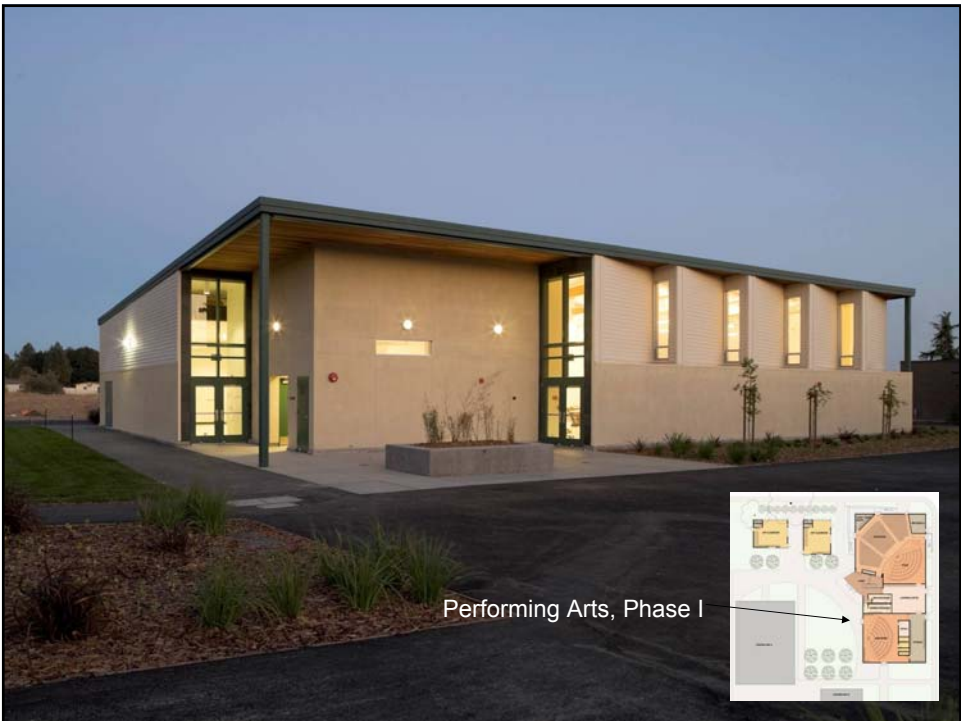
6 classrooms/
7 teachers
Multipurpose space







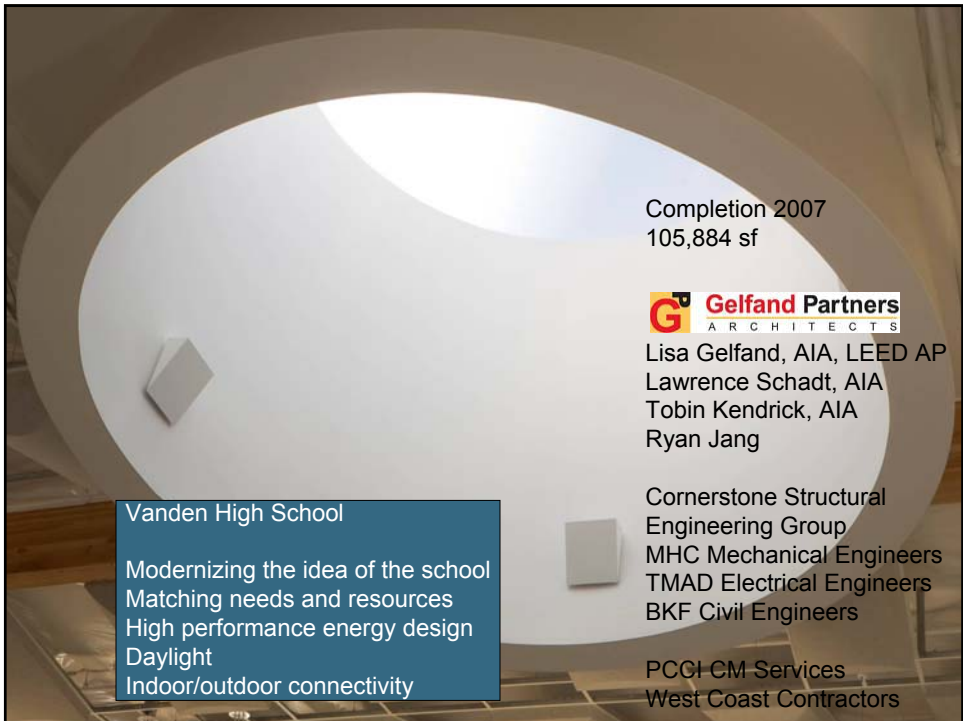
Prototype – not stereotype



Performing Arts, Phase I



Art studios



Completion 2007
105,884 sf



Lisa Gelfand, AIA, LEED AP
Lawrence Schadt, AIA
Tobin Kendrick, AIA
Ryan Jang

Vanden High School
Modernizing the idea of the school
Matching needs and resources
High performance energy design
Daylight
Indoor/outdoor connectivity

Cornerstone Structural
Engineering Group
MHC Mechanical Engineers
TMAD Electrical Engineers
BKF Civil Engineers

PCCI CM Services
West Coast Contractors