

ROSEVILLE JOINT UNION HIGH SCHOOL DISTRICT

BOARD OF TRUSTEES

RESOLUTION NO: 0914

**Resolution on Sustainability & the Design and
Construction of High Performance Schools**

WHEREAS, Students and staff are entitled to a safe and healthy school environment, and studies have indicated that student achievement is greater and attendance higher, and teacher and staff retention is improved, when the learning environment is naturally lit, comfortable and well maintained;

WHEREAS, Schools should employ design, construction and operation strategies that minimize operating costs, in particular for energy and water use as studies show that new facility energy costs, for example, can be reduced by 25 percent or more;

WHEREAS, Schools that follow sustainable design principals can contribute to our community's environment by minimizing waste and air and water pollution;

WHEREAS, the District's program to build new schools and renovate existing ones provides a unique opportunity to move beyond standard designs;

WHEREAS, the Collaborative for High Performance Schools (CHPS) has developed comprehensive design criteria based on the latest available information on sustainable school design, construction, and operation; and

WHEREAS, Schools designed to meet the CHPS criteria incorporate environmental features that provide a context for learning; now, therefore, be it

RESOLVED, That the Roseville Joint Union High School District Board of Education recognizes the progress already made by the District's staff and design teams to incorporate sustainable design criteria into the District's school construction program; and

RESOLVED further, That the Board directs staff to expand this effort to ensure that every new school, new building and modernization project, from the beginning of the design process, incorporate CHPS criteria and best practices to the extent feasible; that the next round of construction projects minimally meet the CHPS qualifying criteria and preferably achieve at least 40 points; and that the focus be on criteria in the following priority areas:

- 1) Student performance and staff health through measures such as daylighting, the use of non toxic-emitting materials, and sound insulation or isolation to minimize noise and enhance classroom acoustical quality;
- 2) Operating cost minimization, through resource efficiency;
- 3) Minimizing the impact of District operations on the environment
- 4) Taking advantage of financial incentive programs;
- 5) Retro-commissioning of all District mechanical systems

RESOLVED further, that the Board of Education directs staff to follow the CHPS Roadmap and scorecard to ensure the efficient and complete implementation of CHPS, including creating a performance tracking system to ensure the effective implementation of the CHPS criteria throughout design, construction and operation; and

RESOLVED further, That the Board of Education endorses District participation in and directs staff to pursue partnerships that further the goal of high performance schools, including Federal, State and utility programs that provide sustainable design financial incentives, and;

RESOLVED further, that the Board of Education directs staff, during the

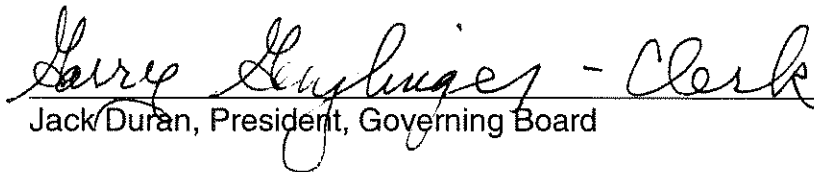
RESOLVED, That the Board of Education directs staff to report to the Board annually on the progress of this program, and provide quarterly summary statistics on the number of new schools and modernization projects designed and the percentage which have incorporated CHPS design criteria, and other statistics useful in assessing the progress of this effort.

Passed and adopted by the Governing Board of the Roseville Joint Union High School District on May 5, 2009 by the following vote:

Ayes: Genzlinger, Huber, Stauss

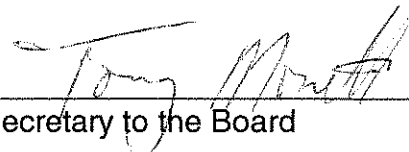
Noes: _____

Absent: Duran, Pinney

 - Clerk
Jack Duran, President, Governing Board

1750 Cirby Way
Roseville, CA 95661

Placer County, California

Attested by : 
Tony Monetti, Secretary to the Board

ROSEVILLE JOINT UNION HIGH SCHOOL DISTRICT

BOARD AGENDA BRIEFING

Subject: ADOPTION OF RESOLUTION ON SUSTAINABILITY
IN THE DESIGN AND CONSTRUCTION OF
HIGH PERFORMANCE SCHOOLS

Category: Assistant Superintendent, Business Services

Item Number: 09-057
Enclosures: 6
Consideration: Action
Date: May 5, 2009

Purpose:

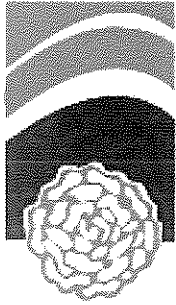
To approve resolution on sustainability in the design and construction of high performance schools.

Background:

See attached memo from Director of Facilities Development Chris Grimes.

Recommendation:

Adopt Resolution No. 0914 for incorporating Collaborative for High Performance Schools (CHPS) standards and best practices to the extent feasible in future construction projects.



Roseville Joint Union High School District

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CHRISTOPHER GRIMES

AICP, REFP, LEED AP

DIRECTOR OF FACILITIES DEVELOPMENT

BOARD OF TRUSTEES

JACK DURAN

GARRY GENZLINGER

SCOTT E. HUBER

R. JAN PINNEY

PAIGE K. STAUSS

To: Gary Stevens

From: Christopher Grimes

Date: 4.23.2009

Re: Adoption of Resolution on Sustainability & the Design and Construction of High Performance Schools

Recommended Action: Adopt Resolution

The District has an extensive construction and modernization program planned to continue for more than a decade into the future. The regulatory and policy changes of the last eight years have resulted in the creation of several "Green Building" standards including Leadership in Energy & Environmental Design (LEED), Collaborative for High Performance Schools (CHPS), Greenglobes etc. Among school facilities planning professionals the trend is to either follow the CHPS standards, or on occasion the LEED for schools standards. The District has the flexibility to pursue either approach, is a CHPS member and employs a LEED accredited professional, thus meeting a prerequisite for LEED certification of projects.

Historically the District has not implemented a "Green Building" or "High Performance" design strategy on projects, instead focusing on first cost and mechanical-lighting efficiency as mandated by Title 24 of the California Code of regulations.

At this time the District is in a position to implement a requirement on all new designs to meet the standards of CHPS and thus capture additional Federal and State funds. The adoption of the proposed resolution will position our District for funding and compliance with pending regulatory requirements. To the extent that it is consistent with state law and specific federal requirements, Local Education Agencies may use State Fiscal Stabilization Funds (Stimulus) for new construction, modernization, renovation and repair of public school facilities. If SFSF is used for construction, modernization, renovation or repair activities they **must be consistent with a recognized green building rating system.** We will also join a growing community of CHPS certified schools across the country. A partial list follows:

CHPS Demonstration Schools - California

School Name	Location	Completion
<u>Alder Creek Middle School</u>	Truckee, CA	Fall 2004
<u>Charles H. Kim Elementary</u>	Los Angeles, CA	Fall 2006
<u>Cesar E. Chavez Education Center</u>	Oakland, CA	Fall 2003
<u>El Segundo High School</u>	El Segundo, CA	Fall 2005
<u>Georgina Blach Intermediate School</u>	Los Altos, CA	Fall 2002
<u>Heroes Elementary</u>	Santa Ana, CA	Fall 2007
<u>High Tech High School</u>	Los Angeles, CA	Fall 2006
<u>Newport Coast Elementary School</u>	Newport Beach, CA	Winter 2005
<u>Maywood Academy High School</u>	Los Angeles, CA	Fall 2006
<u>San Pasqual Elementary</u>	San Pasqual, CA	Fall 2001

CHPS Completed School Projects - California

School Name	Location	Completion
<u>Almond Elementary School</u>	Los Altos, CA	Fall 2006
<u>Cajon Valley Middle School</u>	El Cajon, CA	Fall 2006
<u>Cambria Grammer School</u>	Cambria, CA	Fall 2005
<u>Cesar Chavez Elementary School</u>	Long Beach, CA	Fall 2004
<u>Chartwell School</u>	Seaside, CA	Fall 2006
<u>Cherokee Point Elementary School</u>	San Diego, CA	Fall 2005
<u>Conley Caraballo High School</u>	New Haven, CA	Fall 2006
<u>Del Mar High School - New Science Ed Facility</u>	Campbell, CA	Summer 2006
<u>Escondido Charter High School</u>	Escondido, CA	Fall 2003
<u>Fountain Valley High School Expansion</u>	Huntington Beach, CA	Fall 2006
<u>Herbert Ibarra Elementary School</u>	San Diego, CA	Fall 2005
<u>Loyola Elementary School</u>	Los Altos, CA	Fall 2005
<u>Monterey Ridge Elementary</u>	Poway, CA	Fall 2006
<u>Oak Elementary School</u>	Los Altos, CA	Fall 2006
<u>Riverbend Elementary</u>	Yuba City, CA	Fall 2008
<u>Westmont High School-New Science Center</u>	Cambell, CA	Summer 2006
<u>Westminster High School - Classroom Building "W"</u>		

CHPS Designed Projects In Progress - California

School Name	Location	Completion
<u>Abraham Lincoln High School</u>	San Francisco, CA	Spring 2009
<u>Acacia Middle School</u>	Hemet, CA	Summer 2010
<u>Adelante High School</u>	Roseville, CA	Summer 2007
<u>Arcadia High School Student Services</u>	Arcadia, CA	Spring 2009
<u>Brea Olinda High School Expansion</u>	Brea, CA	Fall 2008
<u>Central Region High School #13</u>	Los Angeles, CA	
<u>Central Region Elementary School #15</u>	Los Angeles, CA	
<u>Central Los Angeles Area New HS #9</u>	Los Angeles, CA	Fall 2008
<u>Cortez Elementary</u>	Pomona, CA	
<u>Del Norte High School</u>	San Diego, CA	Summer 2008
<u>Del Sur Elementary</u>	San Diego, CA	Summer 2007
<u>Dublin High School</u>	Dublin, CA	

Hooper Primary Center	Los Angeles, CA	
<u>Kenilworth Jr. High School</u>	Petaluma, CA	Fall 2005
Lincoln High School	San Diego, CA	
<u>Loren Griset Academy</u>	Santa Ana, CA	Winter 2006
<u>Natomas Creekside Learning Center</u>	Sacramento, CA	Fall 2008
Normal Heights	San Diego, CA	
PA40 Middle School	Irvine, CA	Summer 2012
Piner High School	Santa Rosa, CA	
San Elijo Elementary School	San Marcos, CA	
San Marcos Future Elementary #2	San Marcos, CA	
South Lake Tahoe High School O.R.G. Building	South Lake Tahoe, CA	Summer 2010
Southern Region Elementary School #1	Los Angeles, CA	
Southern Region Elementary School #3	Los Angeles, CA	
Southern Region High School #2	Los Angeles, CA	
Stonegate Elementary School	Irvine, CA	Summer 2009
<u>Sweetwater High School</u>	National City, CA	Winter 2009
Valley Region High School 1B	Los Angeles, CA	
Valley Region High School #5	Los Angeles, CA	
Valley Region High School #9	Los Angeles, CA	
Valley Region Elementary School #10	Los Angeles, CA	
<u>Valley Region Elementary School #6</u>	Los Angeles, CA	
Vaughn High School Academy	Los Angeles, CA	Fall 2008
Willow Grove Elementary	San Diego, CA	Fall 2008
Wolf Canyon Elementary	Chula Vista, CA	

CHPS Verified Projects In Progress - California

School Name	Location	Completion
<u>American Canyon High School</u>	Napa, CA	Spring 2009
Burbank Elementary School	Santa Rosa, CA	2009
Carlsbad USD: High School at College/Cannon	Carlsbad, CA	Spring 2012
Chabot Elementary Completion	Oakland, CA	Fall 2009
Chico High School - Chico USD	Chico, CA	Fall 2010
Colusa County Education Village	Colusa County, CA	Fall 2010
Cox Elementary School	Oakland, CA	Fall 2009
Dover Elementary	San Pablo, CA	Fall 2009
Edison Language Academy	Santa Monica, CA	Fall 2013
Hillview Middle School	Menlo Park, CA	Aug. 2011
J.O. Ford Elementary School	Richmond, CA	Jan 2010
John Adams Middle School	Santa Monica, CA	Fall 2011
Lincoln High School	Santa Monica, CA	Jan 2012
Martin Luther King Jr. Elementary	Richmond, CA	Fall 2010
<u>Paramount High School</u>	Paramount, CA	Fall 2009
Santa Monica High School	Santa Monica, CA	June 2013
Valley View Elementary	El Dorado Hills, CA	