

SAN RAFAEL CITY SCHOOLS

TO: BOARD OF EDUCATION

**FROM: ENRIQUE E. PALACIOS
DIRECTOR OF FACILITIES MANAGEMENT**

DATE: MAY 5, 2003

**SUBJECT: ROUTINE BUSINESS: APPROVAL OF RESOLUTION # 1088
(SAN RAFAEL CITY SCHOOLS) IN SUPPORT OF
“COLLABORATIVE HIGH PERFORMANCE SCHOOLS (CHPS)
CRITERIA FOR SCHOOL CONSTRUCTION AND
MODERNIZATION” TO ADOPT A PROGRAM DEVELOPING A
RESOURCE EFFICIENT DESIGN CRITERIA IN THE
MODERNIZATION OF VARIOUS SCHOOLS**

BACKGROUND: San Rafael City Schools’ Strategic Plan states:

“The Board of Education and the Superintendent will organize the school system in terms of scope, structure, resources, and decision making to build an education program of unparalleled quality.”

CURRENT CONSIDERATIONS: This agenda item presented for Board approval, Resolution #1088 (Exhibit A) in support of CHPS Program providing an integrated design criteria to become energy, water, and material resource efficient and improve school’s indoor environment.

FINANCIAL IMPLICATIONS: There is no cost for utilizing CHPS consultation. There is the potential for future energy savings not possible to calculate at this time.

STAFF RECOMMENDATIONS: It is respectfully recommended the Board approve this Resolution #1088 in support of the adoption of a CHPS program.

MOVED, SECONDED, PASSED:

AYES: 5

NO: 0

SAN RAFAEL CITY SCHOOLS DISTRICT

Resolution No. 1088

Collaborative High Performance Schools (CHPS)
Criteria For School Construction and Modernization

WHEREAS, Students learn best in an environment that is comfortable, healthy, naturally lit and well maintained, and studies have indicated that student achievement is greater and attendance higher when these conditions are met; and,

WHEREAS, the majority of San Rafael City Schools (SRCS) are in need of renovation to reach this standard of comfort and efficiency, and many schools are planned for construction and modernization to accommodate the students served by the District; and,

WHEREAS, schools incur a substantial amount on energy costs each year, and studies show that energy efficient facilities can reduce energy costs up to 25 percent; and,

WHEREAS, building or renovating a school provides a unique opportunity to move beyond standard designs to create school facilities, whose tangible benefits have been measured in the form of increased student attendance, higher test scores, reduced operating costs, elevated teacher and staff retention, and an improved indoor environment by providing cleaner air, better acoustics, and natural light; and,

WHEREAS, an integrated design approach can often take advantage of energy savings that become feasible when the interaction between separate building elements, such as windows, lighting, and mechanical systems are considered; and,

WHEREAS, the development of comprehensive sustainable design criteria and the necessary implementation infrastructure for the construction and modernization of existing SRCS schools is compatible with Measures A&B, and the SRCS's high performance standards; and,

NOW, THEREFORE BE IT RESOLVED: That the Board of Education of the San Rafael City Schools directs the Director of Facilities and Maintenance, in consultation School Facility Design Consultants, to develop more resource efficient design criteria for use in the construction and modernization of existing District schools and campuses.

BE IT FURTHER RESOLVED: That the design criteria developed in consultation with the CHPS, and including such measures as site orientation, energy efficient envelope, lighting, and space conditioning; water efficiency; waste management; material resource efficiency; and heat island mitigation measure, shall be utilized by architects in the design development of construction and modernization projects based on the unique scope of each site.