

Subject: Resolution No. 38-26A7
**IN SUPPORT OF THE COLLABORATIVE FOR HIGH
PERFORMANCE SCHOOLS (CHPS) CRITERIA FOR
DESIGNING, BUILDING AND OPERATING ~~NEW~~ FACILITIES
THAT WILL IMPROVE THE LEARNING ENVIRONMENT
WHILE SAVING ENERGY, RESOURCES AND MONEY**
-Commissioners Eric Mar, Sarah Lipson and Mark Sanchez

WHEREAS: Students learn best in an environment that is comfortable, healthy, naturally lit and well maintained, and studies show that student achievement is greater and attendance higher when these conditions exist; and

WHEREAS: Teachers and other school staff also perform and feel best in that environment; and

WHEREAS: Most of the San Francisco Unified School District schools are older and *were not built in accord with modern design standards; and (9/24/03) and* ~~may contain a variety of problems related to poor indoor air quality and other environmental conditions which impact the health and performance of school staff and children enrolled in the District's child development and the K-12 programs; and~~

WHEREAS: The District is engaged in plans to construct several new schools and renovate and improve the environmental conditions in all of its schools, which includes a current proposal requesting voters to approve capital funding for the renovation of 30 of its existing schools; and

WHEREAS: Constructing new schools and renovating existing schools provides a unique opportunity for the District to create facilities whose tangible benefits including increased student attendance, higher test scores, reduced operating costs, elevated teacher and staff retention, and an improved indoor environment with cleaner air, better acoustics, and natural light; and

WHEREAS: The Collaborative for High Performance Schools [CHPS], head quartered in San Francisco, which includes the California Energy Commission and the Division of the State Architect, has developed these types of designs to be used by school districts throughout California; and

WHEREAS: This design approach will reduce energy costs substantially, especially when separate buildings elements, such as windows, lighting and mechanical systems are properly integrated; and

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WHEREAS: The development of comprehensive sustainable design criteria and the implementation infrastructure necessary for the construction of new schools and the modernization of existing schools is compatible with the District's bond proposal and other sources of funding and its high performance standards for students and staff.

THEREFORE BE IT RESOLVED: That the Board of Education of the San Francisco Unified School District directs the Superintendent and staff to develop ~~more~~ ^(10/14/03) resource efficient design criteria for use in the construction and modernization of existing District schools; and

BE IT FURTHER RESOLVED: That the design criteria developed in consultation with the CHPS, which includes such measures as site orientation, energy efficient envelope, lighting, space conditioning, water efficiency, waste management, material resource efficiency and heat island mitigation measures, shall be utilized, when appropriate and possible (9/24/03), by architects in the design development of the District's new school and modernization projects; and

FUTHER BE IT RESOLVED: That no later than 90 days after the adoption of this Resolution, staff present to the Board of Education a model for implementation of a ~~recommended~~ High Performance Building Design and Implementation Plan including specific cost-benefit data, performance measures and a performance tracking mechanism to ensure the effective implementation of these measures. The model will be developed in collaboration with City agencies including the Department of the Environment and other appropriate departments.

Old language ~~stricken out~~:

New language in bold, italics, and underscored.

8/26/03

10/14/03

PLEASE NOTE:

- Referred to the Buildings, Grounds, and Services Committee and the Budget and Business Services Committee by order of the Chair on 8/26/03.
- Taken up by the Budget and Business Services Committee on 10/11/03. Forwarded to the Buildings, Grounds, and Services Committee with a positive recommendation, as amended.
- Taken up by the Buildings, Grounds, and Services Committee on 9/24/03. Forwarded to the Board of Education with a positive recommendation as amended.
- Adopted, as amended, on October 14, 2003.

