



Green School Building
New Construction

Treasure Coast High School

Port Saint Lucie, Florida

SchenkelShultz

SCHENKELSHULTZ

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Samuel J. Ferreri, AIA
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DESIGN TEAM

Samuel J. Ferreri, AIA,
Principal-in-Charge
Daniel M. Tarczynski, AIA,
Design Partner
Johnnie Lohrum, LEED AP
Design Support
Joe Thomas,
Design Support

OWNER/CLIENT

St. Lucie County
Public Schools
Ft. Pierce, FL

Dr. Helen Roberts,
Principal
772/807-4320

Type of School and
Grades Served:
High School, 9-12

Capacity: 2,571 students

Size of Site: 38 acres

Area of Building:
336,198 square feet

Volume of Building:
4 million cubic feet

Space per Student:
130 square feet

Cost per Student: \$18,669

Square Foot Cost: \$143

Cost of Construction:
\$48 million

Contract Date: Feb. 2004

Completion Date: Aug. 2006

Percent of Completion: 100%

The design team on Treasure Coast High School worked with the school board to develop a design that not only provides an ideal high-tech learning environment for the students, but can be used by the local community. The core elements are located along the perimeter of the school to allow easy after-hours access by the community.

Key to the design of the school is the incorporation of a small-scale learning community approach. This creates intimate learning environments in the 2,571-student school that can be organized by curriculum area or grade level. Each learning community contains a decentralized administration, media center, exploratory labs, and extended learning spaces, which provide more opportunities for hands-on learning.

The classrooms in the school are designed to be visually stimulating, integrating natural and artificial lighting from skylights. The classroom temperature self-regulates based on the number of bodies present and the amount of sunlight entering the room. In addition, Panasonic equipped the school with the latest education technology, designed to streamline the delivery and learning process for both teachers and students. Nationally recognized education consultants and facility design leaders collaborated with the school board to create a school that incorporates the latest innovations to enhance student learning. ■



MAIN ENTRANCE TO CAMPUS



NATURAL DAYLIGHTING IN THE GALLERY



INTERIOR DINING SPACE

PHOTOS: CHRIS CASLER PHOTOGRAPHY