



Elementary Schools New Construction

Tappé Associates, Inc.

Six Edgerly Place
Boston, MA 02116
www.tappe.com

Jacqueline A. Falla
(617) 451-0200, ext. 204

DESIGN TEAM

Brooke S. Trivas
Principal-in-Charge/PM

Jeffrey Brussel
Job Captain

Stephen J. Feige
Construction Administration

Linda Rodts
Interior Design

Garcia, Galuska, DeSousa, Inc.
M/E/P

LeMessurier Consultants, Inc.
Structural

OWNER/CLIENT

Woburn Public School District
Woburn, MA

Dr. Carl Batchelder,
Superintendent
(781) 937-8200

Type of School and Grades Served
Elementary School, Pre-K-5

Capacity: 406 students

Size of Site: 4.3 acres

Area of Building
67,000 square feet

Volume of Building
1.1 million cubic feet

Space per Student
164 square feet

Cost per Student: \$24,205

Square Foot Cost: \$147

Cost of Construction
\$9.8 million

Total Project Cost
\$14 million

Contract Date
October 2001

Completion Date
September 2004

Percent of Completion
100%

Malcolm S. White Elementary School

Woburn, Massachusetts

Tappé Associates, Inc.



SOUTH-FACING FACADE

The design for this new 67,000-square-foot elementary school was driven by a focus on children. Children learn at different rates, in different environments, and through varying teaching techniques. The building plan blurs the boundaries between traditional teaching spaces and paths of travel so that all spaces become places to teach and learn. The sequencing of these spaces creates movement from public to semi-private to private spaces. Traditional tight thresholds are enlarged and defined by light, color, and materials, which energize, calm, and inspire.

The entire school has wireless capability, and each classroom boasts a ceiling-mounted LCD player with a direct link to the instructor's laptop, video outputs, and cable connections. Because oversized video displays and speaker systems ensure that students see and hear instructors, learning is reinforced and the student-teacher connection is strengthened. The technology extends



CORRIDOR

to all building systems, which are monitored via an off-site monitoring system. It also includes Web links to the building's security cameras.

The design, which caters to teachers and students, offers options for tailoring the learn-

ing experience. Corridors, cubbies (transitional spaces between corridor and classroom), and classrooms all present unique instructional opportunities, while integration of technology enhances ease of use in each area. ■



EXTERIOR BIRDSEYE

GREG PREMURU PHOTOGRAPHY