



MASON ELEMENTARY SCHOOL

Mason Elementary School serves the growing area of western Gwinnett County. It is sited on a 20-acre piece of land, with steep slopes to the rear and side. LPB's civil engineer was able to position the school to make best use of the beautiful views and to separate bus traffic and parent vehicle access to the school.

LPB was able to meet a demanding design and production schedule, to ensure that the school would open on time for the 96-97 school year. The 37-classroom school includes a full media center and multi-purpose cafeteria, special education classrooms, two art rooms, two music rooms, two computer rooms and a separate activity court.

The structure for the building is steel frame with block walls and brick veneer. The entire building is designed to drain to gutters and downspouts with built-up roofing. Water source heat pumps heat and cool most of the building. Construction materials used in design are the tried-and-true building materials that are both attractive and easily maintainable. Our challenge, from the Owner, was to maintain the square footage requirement of each classroom while decreasing the common spaces, to minimize travel distances for small children and for teachers during the school day.

The final construction cost included 0.7% in deductive change orders. This was possible by correctly anticipating the special site conditions such as rock and including this information in the bid package.

Mason Elementary became the basis for our one-story prototype elementary.

architecture

L

engineering

P

interiors

B

C

DULUTH, GA

Owner: Gwinnett County Board of Education

Acres: 20.00

Bid Amount: \$4,950,000

Total Cost: \$4,947,987

Percent of Change Orders: 0.7%

Construction Start: February 1996

Construction Time: 16 months

GSF: 88,666

Cost/SF: \$55.94

Instructional Units: 45

Cost/I.U.: \$133,783

Civil Engineering:

McFarland Dyer

Mechanical/Electrical Engineering:

Spurlock & Associates

General Contractor:

J. Kinson Cook & Company