



STRIPLING ELEMENTARY SCHOOL

Stripling Elementary School is situated on a 13.2 acre site in Norcross in an area of tasteful office parks. The size of this site was a challenge, since elementary schools are normally situated on much larger acreage. The usable area of the site was further reduced by sloped banks necessary to accommodate the adjoining sites and entry roadway.

The Owner's challenge to LPB was to design a two-story elementary school to make the best use of available land and provide room for future expansion to 50 classrooms. LPB successfully met a tight design and production schedule, to ensure that the school would open for the 1999-2000 school year.

The 40-classroom school includes a full media center, multi-purpose cafeteria, special education classrooms, two art rooms, two music rooms, two computer rooms and an attached activity building. Water source heat pumps heat and cool most of the building.

The Owner requested maintenance-free building materials be incorporated into the design, which is reflected in a brick veneer over a concrete masonry construction. Masonry walls are non-load bearing with rigid steel frame structure, to best accommodate external expansion and renovation in the future. The roof is a four-ply, built-up Fiberglass system with gravel that is sloped to gutters and downspouts, to minimize penetrations through the roof, thus better controlling roof leaks. LPB also correctly anticipated the complicated site to conclude the project with only deductive change orders.

architecture

L

engineering

P

interiors

B

C

NORCROSS, GA

Owner: Gwinnett County Board of Education

Acreage: 13.2

Bid Amount: \$6,090,000

Total Cost: \$6,110,890

Percent of Change Orders: .03%

Construction Start: January 1998

Construction Time: 18 months

GSF: 110,282

Cost/SF: \$55.41

Instructional Units: 40

Cost/I.U.: \$152,772

Civil Engineering:

McFarland-Dyer & Associates

Mechanical/Electrical Engineering:

Spurlock & Associates