



SUWANEE, GA

RIVERSIDE ELEMENTARY SCHOOL

Owner: Gwinnett County Board of Ed.

Acreage: 34.7

Construction Cost:

GSF:

Cost/SF:

Construction Start:

Construction Time:

Architectural and Structural Eng.

Lindsay ♦ Pope ♦ Brayfield & Assoc., Inc.

Becky Pope

Greg Brayfield

770-963-8989

Civil Engineering

McFarland Dyer & Assoc.

770-932-6550

Mechanical and Electrical Engineering and Fire Protection

Sprulock & Assoc.

404-633-1245

General Contractor

770-978-0695

Riverside Elementary School is situated on 34.7 acres in the northern part of Gwinnett County. The elevation is very high and overlooks beautiful rolling hills and woods to the rear and is fronted by a lovely residential area. The size of the site is typical for an elementary school but the usable area was reduced by sloped banks to the adjoining sites. The original facility was built with 37 classrooms and core facilities for up to 50 classrooms. The explosive growth of Gwinnett County necessitate an immediate expansion of the school to 62 classrooms with expanded core facilities. Site restraints led to the classroom portion of the expansion to be organized into a two-story addition.

The 62-classroom school includes a full media center, multi-purpose cafeteria, special education classrooms, two art rooms, two music rooms, two computer rooms and a detached Activity Building.

The Owner requested maintenance-free building materials be incorporated into the design, which is reflected by the brick veneer over concrete masonry construction. Masonry walls are non-load bearing with a rigid steel frame structure. The facility has a flat roof with a four-ply built-up system that is sloped to gutters and downspouts to minimize penetrations and better control roof leaks. Water source heat pumps provide hot and cold air for the building.

LPB effectively placed the building on a complicated site and concluded the original building and addition with only deductive change orders. The LPB Team successfully met a tight design and production schedule to open the original building for the 1999-2000 school year and the addition 3 months ahead of schedule.

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Entrance and Bus Canopy



2-Story Addition