



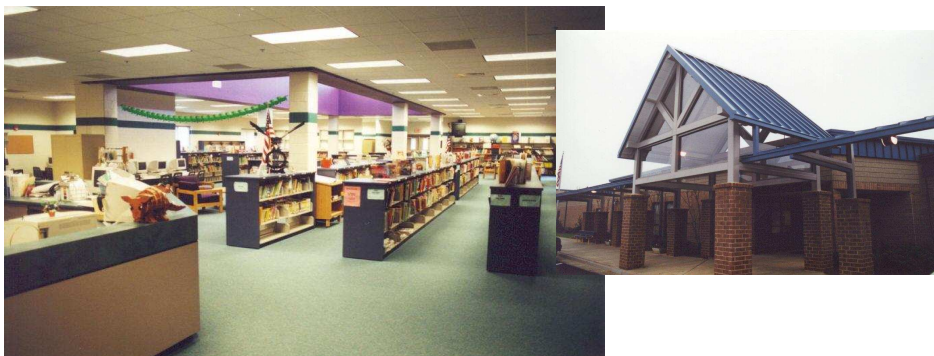
## CHESTATEE ELEMENTARY SCHOOL

Chestatee Elementary School sits on a 36 acre site in the northeast section of Forsyth County. For this project, Lindsay, Pope, Brayfield provided a 44 classroom addition that tripled the overall size of the school. The scope of work included a new cafeteria, kitchen, administration areas, media center and renovated gymnasium, music and multi-purpose spaces.

Attachment of the one-story addition was a difficult design problem as in many instances the addition wrapped the existing structure which required the re-work of existing roof slopes and roof structure to accommodate the required standing seam metal roof. Another degree of difficulty was created by grade changes within the building that required stairs and ramps at the entrance lobby. All exterior walls are concrete masonry with brick veneer. Interior walls are non-load bearing concrete masonry. The structure for the facility is a rigid steel frame. Water source heat pumps provide hot and cold air for the building.

The existing school site does not have sanitary sewer service which required a large expansion of the existing septic and extensive coordination with the local jurisdiction.

LPB effectively placed the addition around the existing building and concluded the addition with only a minimum of change orders due to unknown conditions uncovered during construction. The LPB Team successfully met a tight design and production schedule to complete the building before spring semester 2001.



architecture

L

engineering

P

interiors

B

C

CUMMING, GA

**Owner:** Forsyth County Schools

**Acreage:** 36

**Construction Cost:** \$7,329,000

**GSF/Unit:** 2,153

**Cost/SF:** \$52.38

**Number of Students:** 1460

**Number of Classrooms:** 21 Existing; 44

**Cost/Classroom:** \$112,750

**Construction Start:** November 1999

**Construction Time:** 17 Months

**Civil Engineering:**

McFarland-Dyer & Associates

**Mechanical Engineering:**

Spurlock & Associates