



COAL MOUNTAIN ELEMENTARY SCHOOL

Coal Mountain Elementary School is situated on a 28 acre site in the northeast part of Forsyth County. The project scope was to provide seven additional classrooms, expanded canopy areas for bus and parent pick-up/drop-off, a complete fire sprinkler protection system, minor kitchen renovations, expanded and renovated administration area and provide a new brick veneer skin to the gymnasium.

The design solution provided by Lindsay, Pope, Brayfield has created a new image for the school with new exterior materials and a two-story lobby area that accentuates the entrance to the school. Students are sheltered from the elements under the new bus canopies and the expanded classroom space allows the school to serve it's growing community.

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 modified built-up system and internal roof drains. Water source heat pumps provide hot and cold air for the building.

LPB effectively placed the addition around the original building with the only change orders being increased scope items added by the Owner. The LPB Team successfully met a tight design and production schedule to open the original building for the 2001-2002 school year.



architecture

L

engineering

P

interiors

B

C

CUMMING, GA

Owner: Barrow County Board of Education

Acreage: 14.2

Construction Cost: \$9.6 Million

GSF: 134,319

Cost/SF: \$71.5

Number of Students: 925

Number of Classrooms: 57

Cost/Classroom: \$168,503

Construction Start: January 2004

Construction Time: 16 Months

Civil Engineering:

McFarland-Dyer & Associates

Mechanical Engineering:

Spurlock & Associates