

Project and Designer Information:	
Region:	Central North Carolina
School Information:	681 Student Elementary School
Property (DSP) No:	550-4462
Design Capacity:	681 Students
Core Capacity:	708 Students
Grade Organization:	PK-5
Architect:	Martin Boal Anthony & Johnson Architects 215 E Warren St, Shelby, NC 28150 Phone: 704-406-6000 FAX: 704-406-6095 Email: info@mbaj.com Web Site: http://mbaj.com
Other Recent Prototype Locations:	
Times Prototype has been Constructed : 1	
Construction Costs & Building Area:	
<i>(Does not include, land, legal, design fees, testing or furnishings)</i>	
Date Bids Received:	12/23/2004
Construction Bid Cost:	\$7,692,100.00
Architectural Building Area:	89244sq.ft.
Assignable Area	58364sq.ft.
Assignable To Total Architectural Area Efficiency	65.40%
Cost per Assignable Square Foot	\$131.80
Cost per Total Architectural Square Foot	\$86.19
Cost per Student	\$10,864.55
Special Costs Included in Bid	\$136,872.00
Description of Special Costs: Fire Protection Systems	
Total Building Footprint (total all floors) Area	88681sq.ft.
Site Acreage:	32
Construction Information:	
Building Code Construction Type:	II-B
Construction Description:	Pre-Eng Steel, metal stud, CMU, masonry veneer
Roof:	Modified bitumen
Number of Floors:	1
Number of Separate Buildings:	1
Heating Fuel:	Natural Gas
Heating & Air Conditioning:	Split systems
Technology Infrastructure:	By owner
Design Consultants:	
Civil:	Campco Engineering Rock Hill SC
Structural:	King Guinn Associates Charlotte NC 28208
Electrical:	MSWG Charlotte NC
Plumbing/Mechanical:	MSWG Charlotte NC
Other Consultant:	Foodesign Associates Charlotte NC 28227
Designer and Owner Comments:	
<p>Designer Comments: Careful planning for the new 700-student y Elementary School adds up to a very economical solution to the district's growing population needs. The school was bid at \$86.19 per square foot including all sitework and building costs in 2004. The design employs a pre-engineered structural system to reduce construction costs and the floor plan is organized to avoid specialized construction situations. With minimal long-term maintenance in mind, the exterior features brick veneer and standing seam metal roofing. Inside, the corridors have terrazzo floors and concrete masonry walls. Internal corridors connect all spaces with doors strategically located for security and control of after-school hour activities. One wing contains the kitchen/cafeteria and a 700-seat gymnasium with nearby parking, which allows for controlled public use for special events. The school consists of 31 regular classrooms, as well as a science classroom, computer lab, media center, music room, and an art classroom. The pre-k, kindergarten, and first grade classrooms have doors and windows that open directly to the exterior. The one-story scheme blends well into the rural landscape and is surrounded by trees, pastureland, and nearby farms.</p>	
Owner Comments:	