

<b>Project and Designer Information:</b>	
<b>Region:</b>	Central North Carolina
<b>School Information:</b>	<b>1464 Student Elementary School</b>
Property (DSP) No:	<b>900-4122</b>
Design Capacity:	<b>1464 Students</b>
Core Capacity:	<b>1750 Students</b>
Grade Organization:	<b>K-8</b>
<b>Architect:</b>	Martin Boal Anthony & Johnson Architects 1300 Baxter St., STE 300, Charlotte, NC 28204 Phone: 704-375-2510

<b>Other Recent Prototype Locations:</b>
Times Prototype has been Constructed : 1

<b>Construction Costs &amp; Building Area:</b> (Does not include, land, legal, design fees, testing or furnishings)	
Date Bids Received:	8/19/1996
Construction Bid Cost:	\$14,410,779.00
Architectural Building Area:	177005sq.ft.
Assignable Area	120887sq.ft.
Assignable To Total Architectural Area Efficiency	68.20%
Cost per Assignable Square Foot	\$119.20
Cost per Total Architectural Square Foot	\$81.41
Cost per Student	\$9,843.43
Special Costs Included in Bid	\$0.00
Description of Special Costs: (Kitchen equipment not included)	
Total Building Footprint (total all floors) Area	177005sq.ft.
Site Acreage:	120

<b>Construction Information:</b>	
Building Code Construction Type:	Type IV-Unprotected
Construction Description:	Load bearing masonry, steel joists
Roof:	High & Low slope w/ EPDM
Number of Floors:	1
Number of Separate Buildings:	1
Heating Fuel:	Natural Gas
Heating & Air Conditioning:	2 Pipe with boiler & chiller & unit ventilators/AHU
Technology Infrastructure:	Cable Tray with 5 drops per classroom

<b>Design Consultants:</b>	
Structural:	Structural Strategies Charlotte, NC 28203
Electrical:	Tyler Engineering Charlotte, NC 28205
Plumbing/Mechanical:	Tyler Engineering Charlotte, NC 28205

**Designer and Owner Comments:**

**Designer Comments:** The Elementary/Middle School are separate elementary and middle schools which share common functions. The design keeps the elementary children separated for the middle school children if desired by administration. Further design criteria on this project is to provide a highly innovative, flexible, quality building which reflects savings in both construction and operations. Examples of the innovation and flexibility associated with this facility include: a shared resource suite facility can operate as full sized classrooms, 10 full sized resource rooms, or 15 small group teaching spaces. Shared support space associated with the media center increases flexibility for the media specialist in providing a high variety of written, audio, and visual material to all grade levels. The PE facility is designed to allow the elementary or middle school to use any portion of the PE/production complex which includes a middle school size gym, full operating stage, multi-purpose room with minimal sized basketball facility, amphitheater, and instrumental music facility with off-stage support. Up to three production/sporting events can occur simultaneously within this facility. Estimated cost savings associated with construction is \$1.5 million in comparison with a same quality elementary and middle school built separately in a traditional manner. In addition, operating expenses are greatly reduced in the areas of reduced staff and square footage which must be maintained and operated. Estimated staff reduction for this facility is 4 to 6 support personnel. To conclude, finishes within this facility were selected to reduce operating and maintenance costs.

**Owner Comments:**