### Project and Designer Information:

**Region:** Central North Carolina  
**School Information:**  
- Property (DSP) No:  
- Design Capacity:  
- Core Capacity:  
- Grade Organization:  

1464 Student Elementary School  
900-4122  
1464 Students  
1750 Students  
K-8

**Architect:** Martin Boal Anthony & Johnson Architects  
1300 Baxter St., STE 300, Charlotte, NC 28204  
Phone: 704-375-2510

### Other Recent Prototype Locations:

- Times Prototype has been Constructed: 1

### Construction Costs & Building Area:

| Date Bids Received | Construction Bid Cost | Architectural Building Area |Assignable Area | Assignable To Total Architectural Area Efficiency | Cost per Assignable Square Foot | Cost per Total Architectural Square Foot | Cost per Student | $8,434.32 | Special Costs Included in Bid | Total Building Footprint (total all floors) Area | Site Acreage |
|--------------------|-----------------------|-----------------------------|----------------|-----------------------------------------------|---------------------------------|------------------------------------------|------------------|--------------------------------|------------------|--------------------------|
| 6/19/1996          | $14,410,779.00        | 177,005 sq ft               | 120,887 sq ft  | 68.20%                                        | $119.30                        | $61.44                                   |                     | 177,005 sq ft             | 120 sq ft          |

**Description of Special Costs:** Kitchen equipment not included

### Construction Information:

- **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

### Design Consultants:

- **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 the 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:**