## Project and Designer Information:

**Region:** Central North Carolina  
**School Information:**  
586 Student Elementary School  
490-4104  
800 Students  
K-6  

**Architect:** Martin Boal Anthony & Johnson Architects  
1300 Baxter St., STE 300, Charlotte, NC 28204  
Phone: 704-375-2510  
Email: info@mbaj.com  
Web Site: http://mbaj.com

## Other Recent Prototype Locations:

- Times Prototype has been Constructed: 1

## Construction Costs & Building Area:

(Does not include, land, legal, design fees, testing or furnishings)

<table>
<thead>
<tr>
<th>Date Bids Received:</th>
<th>5/25/1995</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction Bid Cost:</td>
<td>$4,645,511.00</td>
</tr>
<tr>
<td>Architectural Building Area:</td>
<td>60584 sq. ft.</td>
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<tr>
<td>Assignable Area:</td>
<td>41936 sq. ft.</td>
</tr>
<tr>
<td>Cost per Assignable Square Foot:</td>
<td>$110.78</td>
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<tr>
<td>Cost per Total Architectural Square Foot:</td>
<td>$76.29</td>
</tr>
<tr>
<td>Cost per Student:</td>
<td>$7,927.49</td>
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<tr>
<td>Special Costs Included in Bid:</td>
<td>$0.00</td>
</tr>
<tr>
<td>Description of Special Costs N/A:</td>
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</tr>
<tr>
<td>Total Building Footprint (total all floors) Area:</td>
<td>60584 sq. ft.</td>
</tr>
<tr>
<td>Site Acreage:</td>
<td>20</td>
</tr>
</tbody>
</table>

## Construction Information:

- Building Code Construction Type: Type II & Type IV 1H  
- Construction Description: Load bearing masonry, steel joists  
- Roof: High slope, Shingles  
- Number of Floors: 1  
- Number of Separate Buildings: 2  
- Heating Fuel: Oil  
- Heating & Air Conditioning: 2 Pipe with boiler & chiller & unit ventilators/AHU  
- Technology Infrastructure: Cable Tray w/ Cat.V, 3 drops/CR

## Design Consultants:

- Structural: KingGuinn Associates Charlotte, NC 28206  
- Electrical: Tyler Engineering Charlotte, 28205  
- Plumbing/Mechanical: McKnight Smith Ward Griffin Engineers Charlotte, NC 28024

## Designer and Owner Comments:

**Designer Comments:** The site was obtained after a long search in the county to build a new elementary school for the "explosive" growth. Site planning respects particulars of Lake Norman water shed requirements. Separate bus/service drive to the site by the cafeteria and multipurpose room. Autos are located "front and center", convenient to administration and the media center and the other side of the cafeteria and multipurpose. Building plan is a functional and efficient "X" with 3 wings being K-1, 2-3 and 4-5. The 4th wing is the cafeteria and multipurpose room and the media center and administration are located in the middle of the "X." The moveable wall in the cafeteria/multi-purpose room is very feasible for separate functions or combined for PTO. The stage is designed for a variety of dramas and music functions and strategically located at the end of the space. The media center with an exterior amphitheater is another unique feature of this school. Academic wings are expandable and the K-1 wing has a dedicated self-contained play area.

**Owner Comments:**