### Project and Designer Information:

**Region:** Western North Carolina

586 Student Elementary School

110-4075
586 Students
586 Students
K-5

**School Information:**

- Property (DSP) No:
- Design Capacity:
- Core Capacity:
- Grade Organization:

**Architect:** Cort Architectural Group PA
239 Haywood Street, Asheville, NC 28801
Phone: 828-251-5100 FAX: 828-252-8505
Email: plan@cortarch.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>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Bids Received</td>
<td>6/1/1994</td>
</tr>
<tr>
<td>Construction Bid Cost</td>
<td>$4,064,800.00</td>
</tr>
<tr>
<td>Architectural Building Area</td>
<td>62633 sq. ft.</td>
</tr>
<tr>
<td>Assignable Area</td>
<td>46168 sq. ft.</td>
</tr>
<tr>
<td>Assignable To Total Architectural Area Efficiency</td>
<td>70.10%</td>
</tr>
<tr>
<td>Cost per Assignable Square Foot</td>
<td>$88.42</td>
</tr>
<tr>
<td>Cost per Total Architectural Square Foot</td>
<td>$63.99</td>
</tr>
<tr>
<td>Cost per Student</td>
<td>5,970.78</td>
</tr>
<tr>
<td>Special Costs Included in Bid</td>
<td>0.00</td>
</tr>
<tr>
<td>Description of Special Costs: N/A</td>
<td></td>
</tr>
<tr>
<td>Total Building Footprint (total all floors) Area</td>
<td>65653 sq. ft.</td>
</tr>
<tr>
<td>Site Acreage</td>
<td>16</td>
</tr>
</tbody>
</table>

### Construction Information:

- **Building Code Construction Type:** Type IV UP
- **Construction Description:** Load Bearing Masonry
- **Roof:** High Slope Metal, Low Slope EPDM
- **Number of Floors:** 1
- **Number of Separate Buildings:** 1
- **Heating Fuel:** Natural Gas
- **Heating & Air Conditioning:** 2-Pipe boiler/chiller

### Design Consultants:

- **Structural:** Sutton Kennerly & Associates Asheville, NC 28814
- **Plumbing/Mechanical:** Reece, Notland, McElrath Waynesville, NC 28786

### Designer and Owner Comments:

**Designer Comments:** The approach to this Elementary School is enhanced by a large drop-off canopy with a standing seam metal roof serving separate automobile and bus parking areas. The Main Lobby provides immediate access to Administrative offices, Cafeteria and Gymnasium, allowing for after-hours public use. The Gymnasium includes an elevated stage and divider curtain for multiple use. The Media Center is centrally located and easily accessed from the classroom wings and Administrative offices. Avery’s Creek Elementary School was bid under the name of South Buncombe Elementary School in June of 1994. In May of 1995 the Office of School Planning issued a comparison of "Costs of Recent School Projects" for projects bid from December, 1992 through January, 1995. Of the 36 projects listed this school had the second lowest cost per square foot.

**Owner Comments:** The County Schools has for many years used economical split face concrete masonry units for the exterior surface of newly constructed schools. The block masonry design of this Elementary School is a very colorful and aesthetically pleasing use of this material. Energy conservation measures include due south orientation, an energy management system, and a rooftop heat reclaim system utilizing exhaust air to temper outside air used for ventilation. The rooftop system costs and heats ventilation air for classrooms. Possible improvements to the design include Elimination of roof top equipment.