**Project and Designer Information:**

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

- **908 Student Elementary/Middle School**
  - 070-4258
  - 908 Students
  - 1116 Students
  - K-8
  - Applegate Architects
  - 404 Pollock Street, New Bern, NC 28560
  - Phone: 252-633-5603 FAX: 252-633-6798
  - Email: earl@applegatearchitects.com
  - Website: http://www.applegatearchitects.com

**Other Recent Prototype Locations:**
- Times Prototype has been Constructed: 1

**Construction Costs & Building Area:**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Bids Received</td>
<td>2/18/1999</td>
</tr>
<tr>
<td>Construction Bid Cost</td>
<td>$11,038,440.00</td>
</tr>
<tr>
<td>Architectural Building Area</td>
<td>123374 sq ft</td>
</tr>
<tr>
<td>Assignable Area</td>
<td>90195 sq ft</td>
</tr>
<tr>
<td>Assignable To Total Architectural Area Efficiency</td>
<td>79.10%</td>
</tr>
<tr>
<td>Cost per Assignable Square Foot</td>
<td>$122.38</td>
</tr>
<tr>
<td>Cost per Total Architectural Square Foot</td>
<td>$89.47</td>
</tr>
<tr>
<td>Cost per Student</td>
<td>$12,158.87</td>
</tr>
<tr>
<td>Total Building Footprint (total all floors Area)</td>
<td>121656 sq ft</td>
</tr>
<tr>
<td>Site Acreage</td>
<td>75</td>
</tr>
</tbody>
</table>

**Construction Information:**

- Building Code: Construction Type: Type II
- Construction Description: Steel Frame, Brick/CMU
- Roof: High Slope Metal
- Number of Floors: 1
- Number of Separate Buildings: 1
- Heating Fuel: Propane
- Heating & Air Conditioning: 4-Pipe with Boiler & Chiller
- Technology Infrastructure: Cat V with 6 drops per classroom

**Design Consultants:**

- Landscape: Jack Datt, New Bern, NC 28560
- Structural: NRV Engineering Virginia Beach VA 23464
- Electrical: Pace Collaborative Virginia Beach VA 23462
- Plumbing/Mechanical: Pace Collaborative Virginia Beach VA 23462

**Designer and Owner Comments:**

**Designer Comments:** The Elementary School and Middle School is one unified school replacing an existing elementary school and an existing middle school. The design shares core facilities but maintains the separation of elementary and middle school programs. The overall plan for the elementary school and the middle school complex is based upon a central axis, which connects the elementary school and the middle school to the central (core) services. The core area includes kitchen and cafeteria, media center, administration, multipurpose room and gymnasium. The core area also includes a large portion of the building mechanical systems. The building axis is oriented on an east-west axis in order to provide the optimum solar orientation. There are three roof monitors, which provide daylight to the main corridors. These monitors are located at the central axis of the school and at the cross axis of the elementary school and the middle school. The design is very efficient, resulting in an overall net to gross ratio of 1.45.

**Owner Comments:**