### Project and Designer Information:

**Region:** Central North Carolina

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

**Architect:** Perkins+Will
- 1100 South Tryon St Suite 300, Charlotte, NC 28203
- Phone: 704-343-9900 FAX: 704-343-9999
- Email: david.gieser@perkinswill.com
- Web Site: [http://www.perkinswill.com](http://www.perkinswill.com)

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

### Construction Costs & Building Area:

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Bids Received:</td>
<td>2/21/2002</td>
</tr>
<tr>
<td>Construction Bid Cost:</td>
<td>$14,189,193.00</td>
</tr>
<tr>
<td>Architectural Building Area:</td>
<td>15,735.4 sq.ft.</td>
</tr>
<tr>
<td>Assignable Area:</td>
<td>10,767 sq.ft.</td>
</tr>
<tr>
<td>Assignable To Total Architectural Area Efficiency:</td>
<td>71.04%</td>
</tr>
<tr>
<td>Cost per Assignable Square Foot:</td>
<td>$131.40</td>
</tr>
<tr>
<td>Cost per Total Architectural Square Foot:</td>
<td>$93.35</td>
</tr>
<tr>
<td>Cost per Student:</td>
<td>$15,978.62</td>
</tr>
<tr>
<td>Total Building Footprint (total all floors) Area:</td>
<td>15,260.5 sq.ft.</td>
</tr>
<tr>
<td>Site Acreage:</td>
<td>6.9</td>
</tr>
</tbody>
</table>

### Construction Information:

- **Building Code Construction Type:** Type II-B
- **Construction Description:** Steel Frame
- **Roof:** BUR 4 Ply, Metal standing seam
- **Number of Floors:** 1
- **Number of Separate Buildings:** 1
- **Heating Fuel:** Natural Gas
- **Heating & Air Conditioning:** 4-pipe VAV
- **Technology Infrastructure:** Cat 5

### Design Consultants:

- **Civil:** Cole/Jenest & Stone Charlotte NC 28202
- **Structural:** King/Quinn Associates Charlotte NC 28208
- **Electrical:** Telelis PC Charlotte NC
- **Plumbing/Mechanical:** Telelis PC Charlotte NC
- **Other Consultant:** The New Synergy Durham NC

### Designer and Owner Comments:

**Designer Comments:** This site was master planned to accommodate the future elementary school, parking, service, and playfield requirements. Drawing on the suburban nature of the site, a spacious oval lawn connects the two schools. Bus and automobile parking surfaces will be shared between them, preserving green spaces for school activities. The school's "finger-plan" design is organized around three daylit grade houses for grades 6-8. A major daylit circulation corridor, or "street," connects the grade houses to the shared spaces of the program. The design takes full advantage of natural daylighting techniques via clerestory windows and lightshelves at the window wall. This strategy provides superior lighting for the individual classrooms as well as the shared common areas in each grade house. Additionally, the presence of an Assistant Principal and Guidance Counselor, as well as teacher work space in each grade wing creates a very safe atmosphere within the school.

**Owner Comments:**