## Project and Designer Information:

**Region:**

Central North Carolina

**School Information:**

- Property (DSP) No: 791-3020
- Design Capacity: 650 Students
- Core Capacity: 650 Students
- Grade Organization: PK-5

**Architect:**

Moseley Architects
3000 RDU Center Drive Suite 217, Raleigh, NC 27601
Phone: 919-640-0081 FAX: 919-640-0045
Email: lcopeland@moseleyarchitects.com
Web Site: [http://www.moseleyarchitects.com](http://www.moseleyarchitects.com)

**Other Recent Prototype Locations:**

Times Prototype has been Constructed: 6

## Construction Costs & Building Area:

<table>
<thead>
<tr>
<th>Item</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Bids Received</td>
<td>3/18/2010</td>
</tr>
<tr>
<td>Construction Bid Cost</td>
<td>$13,218,134.00</td>
</tr>
<tr>
<td>Architectural Building Area</td>
<td>77442sq. ft.</td>
</tr>
<tr>
<td>Assignable Area</td>
<td>53268sq. ft.</td>
</tr>
<tr>
<td>Assignable To Total Architectural Area Efficiency</td>
<td>65.74%</td>
</tr>
<tr>
<td>Cost per Assignable Square Foot</td>
<td>$2,429.29</td>
</tr>
<tr>
<td>Cost per Total Architectural Square Foot</td>
<td>$1,700.68</td>
</tr>
<tr>
<td>Cost per Student</td>
<td>$20,335.59</td>
</tr>
<tr>
<td>Total Building Footprint (total all floors) Area</td>
<td>77442sq. ft.</td>
</tr>
</tbody>
</table>
| Site Acreage                                                        | 21          

## Construction Information:

**Building Code Construction Type:**

II-B 2009 NCBC

**Construction Description:**

Combination of steel frame metal stud infill and load bearing masonry walls. Some metal panel construction. Exterior veneer is a combination of brick, architectural grade cmu, and metal panels.

**Roof:**

Standing seam metal roof

**Number of Floors:**

1

**Number of Separate Buildings:**

1

**Heating Fuel:**

Natural Gas

**Heating & Air Conditioning:**

4 Pipe VAV

## Design Consultants:

**Civil:**

Timmons Group Raleigh, NC 27607

**Structural:**

Stoud, Pence & Associates Raleigh, NC 27609

**Electrical:**

Progressive Design Collaborative Raleigh, NC 27615

**Plumbing/Mechanical:**

Progressive Design Collaborative Raleigh, NC 27615

## Designer and Owner Comments:

### Designer Comments:

The Elementary School is the fifth prototype completed in this school district. It is a PK-5, 650 student, one story elementary school. The most recognized feature of the school is the ability to stand in one location and monitor the activities of all academic wings. The rotunda that anchors the principal design accesses the administrative offices and media center. The gym and dining areas are located such to minimize noise and traffic and make accessible to public after hours. The configuration of this school makes it easy to separate car loading from bus loading and play areas.

### Owner Comments: