### Project and Designer Information:

**Region:** Central North Carolina

**School Information:**
- 800 Student Elementary School
- 130-4777
- 800 Students
- 1000 Students
- 3-5

**Architect:** Moseley Architects
- 11430 N Community House Road, Charlotte, NC 28277
- Phone: 704-360-3765
- Email: jwillhade@moseleyarchitects.com
- Web Site: www.moseleyarchitects.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>10/2/2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction Bid Cost</td>
<td>$15,527,206.00</td>
</tr>
<tr>
<td>Architectural Building Area</td>
<td>89,311 sq. ft.</td>
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<tr>
<td>Assignable Area</td>
<td>89,311 sq. ft.</td>
</tr>
<tr>
<td>Cost per Assignable Square Foot</td>
<td>$1,690.86</td>
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<tr>
<td>Cost per Total Architectural Square Foot</td>
<td>$1,909.01</td>
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<tr>
<td>Cost per Building Footprint (total all floors) Area</td>
<td>$19,409.01</td>
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<tr>
<td>Site Acreage</td>
<td>20</td>
</tr>
</tbody>
</table>

### Construction Information:
- **Building Code Construction Type:** II-B
- **Construction Description:** Steel structure with brick veneer, steel stud backup. Load bearing masonry at the gym, dining and kitchen. Interior steel stud partitions with gypsum wall board finishes. Standing Seam Metal Roofing
- **Number of Floors:** 1
- **Number of Separate Buildings:** 1
- **Heating Fuel:** Electric
- **Heating & Air Conditioning:** Water Source Heat Pumps

### Design Consultants:
- **Civil:** Davis Martin Powell and Associates High Point, NC
- **Structural:** Moseley Architects Charlotte, NC 28277
- **Electrical:** Optima Engineering Charlotte, NC 28203
- **Plumbing/Mechanical:** Optima Engineering Charlotte, NC 28203

### Designer and Owner Comments:
**Designer Comments:** The design of the school follows a prototype previously built seven times in North Carolina. This school is designed to be Net-Zero Ready meaning that with the addition of solar panels in the future, the building could generate more energy than it uses. The new elementary school program includes core spaces (kitchen, dining, gym with stage, media center, and administration area) and 32 3-5 grade level classrooms for 800 students in 89,340-square-feet. Advantages of this prototype include: 1. Easily adaptable to sites with 3 versatile entrances for cars and buses. 2. Security is a priority. Secure vestibule at the main entrance allows the staff to monitor and control visitors entering the building. 3. After hours use is easily allowed by securing the educational wings as off limits. 4. This prototype is cost effective.

**Owner Comments:**