### Project and Designer Information:

**Region:** Central North Carolina

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

**Architect:**
WHN Architects, PA
330 West 10th St., Charlotte, NC 28202
Phone: (704) 333-9962 FAX: (704) 333-9962
Email: info@WHNarch.com
Web Site: www.WHNarch.com

**Other Recent Prototype Locations:**
- Times Prototype has been Constructed: 6

### Construction Costs & Building Area:

(Date does not include, land, legal, design fees, testing or furnishings)

<table>
<thead>
<tr>
<th>Date</th>
<th>Bids Received</th>
<th>Bid Cost</th>
<th>Architectural Building Area</th>
<th>Assignable Area</th>
<th>Assignable To Total Architectural Area Efficiency</th>
<th>Cost per Assignable Sq. Ft</th>
<th>Cost per Total Architectural Area</th>
<th>Cost per Student</th>
<th>Special Costs Included in Bid</th>
<th>Total Building Footprint (total all floors)</th>
<th>Site Acreage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4/1/2014</td>
<td>$15,394,644.00</td>
<td>$116,459 sq. ft.</td>
<td>667,695 sq. ft.</td>
<td>74.20%</td>
<td>$171.11</td>
<td>$19,243.31</td>
<td>$102,000.00</td>
<td></td>
<td>899,669 sq. ft.</td>
<td>46</td>
</tr>
</tbody>
</table>

### Construction Information:

- **Building Code/Construction Type:** IIB NCBC 2012
- **Construction Description:** Load bearing masonry, bar joists & metal deck with built-up roof
- **Roof:** BUR / Metal
- **Number of Floors:** 2
- **Number of Separate Buildings:** 1
- **Heating Fuel:** Natural Gas
- **Heating & Air Conditioning:** Boiler/Chiller 4-pipe

### Design Consultants:

- **Civil:** Alfred Benesch and Co., Charlotte NC 28208
- **Structural:** Stewart Engineering Charlotte NC 28202
- **Electrical:** McKim and Creed Charlotte NC 28212
- **Plumbing/Mechanical:** McKim and Creed Charlotte NC 28212
- **Other Consultant:** Carolinas Telecom Mocksville NC 27028

### Designer and Owner Comments:

**Designer Comments:** This building consists of a largely one-story brick and block building with a one story classroom wing and a two story classroom wing. One wing is dedicated for K-1 classrooms and the other for grades 2 through 5. All classrooms have three windows for light and ventilation. This building has been modified from a previous prototype where there were three separate classroom wings. Two wings have been stacked due to site constraints, and to allow for the eventual accommodation of additional students in mobile classrooms. This building can be rotated or the floor plan flipped to accommodate irregular sites and the compact plan is ideal to reduce site disturbance and increase green space.

**Owner Comments:** This is the seventh opportunity the Charlotte Mecklenburg School district has used this prototype design. This particular adaptation includes a 2nd floor classroom wing to accommodate site constraints. The building’s design is very efficient which eliminated non-functional space and cost. Mike Higgins CMS Capital Program Services