

**Project and Designer Information:**

<b>Region:</b>	Central North Carolina
<b>School Information:</b>	800 Student Elementary School
Property (DSP) No:	600-4786
Design Capacity:	800 Students
Core Capacity:	90236 Students
Grade Organization:	K-5
<b>Architect:</b>	WHN Architects, PA 330 West 10th St, Charlotte, NC 28202 Phone: (704) 333-9952 FAX: (704) 333-9962 Email: <a href="mailto:info@WHNarch.com">info@WHNarch.com</a> Web Site: <a href="http://www.WHNarch.com">www.WHNarch.com</a>

**Other Recent Prototype Locations:**

Times Prototype has been Constructed : 6

**Construction Costs & Building Area:**

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

Date Bids Received:	4/1/2014
Construction Bid Cost:	\$15,394,644.00
Architectural Building Area:	11645sq.ft.
Assignable Area	66760sq.ft.
Assignable To Total Architectural Area Efficiency	74.20%
Cost per Assignable Square Foot	\$230.60
Cost per Total Architectural Square Foot	\$171.11
Cost per Student	\$19,243.31
Special Costs Included in Bid	\$102,000.00
Description of Special Costs: Telecommunications Contract	
Total Building Footprint (total all floors) Area	89968sq.ft.
Site Acreage:	46

**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/Chiuller 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 two 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