

Project and Designer Information:	
Region:	Central North Carolina
School Information:	800 Student Elementary School
Property (DSP) No:	600-4708
Design Capacity:	800 Students
Core Capacity:	800 Students
Grade Organization:	K-5
Architect:	WHN Architects, PA 330 West 10th Street, Charlotte, NC 28202 Phone: 704-333-9952 FAX: 704-333-9962 Email: info@whnarch.com Web Site: www.whnarch.com
Other Recent Prototype Locations:	
Times Prototype has been Constructed : 5	
Construction Costs & Building Area: (Does not include, land, legal, design fees, testing or furnishings)	
Construction Bid Cost:	\$0.00
Architectural Building Area:	81473sq.ft.
Assignable Area	58265sq.ft.
Assignable To Total Architectural Area Efficiency	71.51%
Cost per Assignable Square Foot	\$222.02
Cost per Total Architectural Square Foot	\$158.78
Cost per Student	\$16,170.00
Special Costs Included in Bid	\$360,000.00
Description of Special Costs: Science & Engineering Upgrades (\$60,000) Walking Trail (\$300,000)	
Total Building Footprint (total all floors) Area	81473sq.ft.
Site Acreage:	116
Construction Information:	
Building Code Construction Type:	II-B NCBC 2012
Construction Description:	Load bearing masonry, bar joists & metal deck with built-up roof.
Roof:	Built-up Asphalt/Metal
Number of Floors:	1
Number of Separate Buildings:	1
Heating Fuel:	Natural Gas
Heating & Air Conditioning:	Boiler/chiller 4-pipe
Design Consultants:	
Civil:	Brian Cannella; Site Solutions Charlotte, NC 28208
Structural:	Chris Herron; Stewart Inc Charlotte, NC 28202
Electrical:	Phillip Whitfield; McKim & Creed Engineers Charlotte, NC 28212
Plumbing/Mechanical:	Martin Boyer; McKim & Creed Engineers Charlotte, NC 28212
Other Consultant:	Reggie Daniel; Daniel Design Inc. Charlotte, NC 28205
Designer and Owner Comments:	
Designer Comments: This is a one-story brick and block building with three classroom wings, one for K-1 classrooms and the other two for grades 2 through 5. All classrooms have three windows for light and ventilation. This building can be easily modified to suit different requirements of the location. For instance, a larger gymnasium can be added for shared use. The building can be rotated or the floor plan flipped to accommodate different site constraints. This building originally contained around 96,000 square feet. In an effort to reduce cost, Charlotte-Mecklenburg Schools asked WHN to reduce classroom sizes to the current sizes.	
Owner Comments: This design is very efficient and practical to fund. CMS is currently reviewing their education requirements and will review these new guidelines to see if modifications in room sizes need to be changed. To date, the school district is very satisfied with this design. Mike Higgins Project Manager	