

Project and Designer Information:

Region:	Central North Carolina
School Information:	800 Student Elementary School
Property (DSP) No:	130-4777
Design Capacity:	800 Students
Core Capacity:	1000 Students
Grade Organization:	3-5
Architect:	Moseley Architects 11430 N Community House Road, Charlotte, NC 28277 Phone: 704-350-3755 Email: jwilhide@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)

Date Bids Received:	10/2/2014
Construction Bid Cost:	\$15,527,206.00
Architectural Building Area:	85931sq.ft.
Assignable Area	85931sq.ft.
Cost per Assignable Square Foot	\$180.69
Cost per Total Architectural Square Foot	\$180.69
Cost per Student	\$19,409.01
Total Building Footprint (total all floors) Area	89337sq.ft.
Site Acreage:	20

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.
Roof:	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 busses. 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: