

Project and Designer Information:	
Region:	Central North Carolina
School Information:	800 Student Elementary School
Property (DSP) No:	900-4590
Design Capacity:	800 Students
Core Capacity:	920 Students
Grade Organization:	PK-5
Architect:	Moseley Architects 3000 RDU Center Drive Suite 217, Raleigh, NC 27560 Phone: 919-840-0091 FAX: 919-840-0045 Email: jcopeland@moseleyarchitects.com Web Site: http://www.moseleyarchitects.com

Other Recent Prototype Locations:
Times Prototype has been Constructed : 7

Construction Costs & Building Area: (Does not include, land, legal, design fees, testing or furnishings)	
Date Bids Received:	6/28/2007
Construction Bid Cost:	\$12,955,500.00
Architectural Building Area:	81413sq.ft.
Assignable Area	68600sq.ft.
Assignable To Total Architectural Area Efficiency	84.26%
Cost per Assignable Square Foot	\$188.86
Cost per Total Architectural Square Foot	\$159.13
Cost per Student	\$14,082.07
Total Building Footprint (total all floors) Area	97061sq.ft.
Site Acreage:	35

Construction Information:	
Building Code Construction Type:	II-B 2006 NCBC
Construction Description:	Brick veneer and EFIS with steel stud backup. Interior steel stud partitions with gypsum wall board finishes.
Roof:	Standing Seam Metal Roof / TPO
Number of Floors:	1
Number of Separate Buildings:	1
Heating Fuel:	Natural Gas
Heating & Air Conditioning:	4 Pipe VAV

Design Consultants:	
Civil:	McKin & Creed Charlotte, NC 28227
Structural:	Laurene & Rickher, P.C. Charlotte, NC 28217
Electrical:	Consultant Engineering Service, Inc. Winston Salem, NC 27101
Plumbing/Mechanical:	Consultant Engineering Service, Inc. Winston Salem, NC 27101

Designer and Owner Comments:

Designer Comments: The Elementary School is the Union County Public Schools' third in a generation of what might be called an "eco-light" prototype, a learning space designed with several cost-conscious, sustainable features. The layout was designed orientated to a North-South axis to allow for day lighting strategies utilized in classrooms, corridors, and some support spaces. The main corridor "Main Street" divides the building into two core groups. One for the support spaces comprising of administration, media/technology, the gymnasium, dining, and the kitchen. The other group consists of the three classroom wings. High clearstory windows along the "Main Street" allow natural light into the corridor. The light is reflected off of sloped ceiling panels onto a vibrant wall that house the entrances to the support spaces. The irregular ceiling and vibrant wall plays off of the other solid wall to allow for greater enhancement of the corridor as you walk through it. Colors are lit up by natural light with very little need for artificial lighting.

Owner Comments: