

Project and Designer Information:

Region:	Eastern North Carolina
School Information:	600 Student Elementary School
Property (DSP) No:	650-4559
Design Capacity:	600 Students
Core Capacity:	600 Students
Grade Organization:	K-5
Architect:	LS3P Associates, Ltd 2528 Independence Boulevard, Wilmington, NC 28412 Phone: (910) 790-9901 Email: charlesboney@LS3P.com Web Site: http://www.ls3p.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:	12/3/2009
Construction Bid Cost:	\$12,043,098.00
Architectural Building Area:	13720sq.ft.
Assignable Area	60123sq.ft.
Assignable To Total Architectural Area Efficiency	71.60%
Cost per Assignable Square Foot	\$200.31
Cost per Total Architectural Square Foot	\$143.33
Cost per Student	\$15,053.87
Total Building Footprint (total all floors) Area	59207sq.ft.
Site Acreage:	20

Construction Information:

Building Code Construction Type:	II-B (2012 NCBC)
Construction Description:	Steel frame; masonry veneer exterior walls w/steel stud back-up
Roof:	Metal/BUR
Number of Floors:	2
Number of Separate Buildings:	1
Heating Fuel:	Gas
Heating & Air Conditioning:	Electric Chiller
Technology Infrastructure:	DDC Controls

Design Consultants:

Civil:	CLH Design Cary, NC 27511
Structural:	Morrison Engineers Raleigh, NC 27605
Electrical:	Cheatham Associates Wilmington, NC 28405
Plumbing/Mechanical:	Cheatham Associates Wilmington, NC 28405

Designer and Owner Comments:

Designer Comments: The Elementary School was modeled after a previous school in Central North Carolina, using a similar 2-story classroom wing in the new design. This 2-story approach permitted better use of the available site. Older students use the second floor, and faculty work rooms at each level encourage collaboration. In addition to conserving the available site, the 2-story configuration has the added benefits of reduced roof area and a more compact thermal envelope for energy savings. A movable wall system permits the school's Multi-Purpose Room to be quickly combined with the Cafeteria to accommodate larger functions. The school is part of a K-8 campus, and shares an entry drive with the adjacent middle school. A central chiller system is shared by both schools to enable more energy-efficient operation.

Owner Comments: