

Project and Designer Information:	
Region:	Central North Carolina
School Information:	596 Student Elementary School
Property (DSP) No:	900-4334
Design Capacity:	596 Students
Core Capacity:	750 Students
Grade Organization:	K-5
Architect:	LS3P Associates 2528 Independence, Wilmington, NC 28412 Phone: 910 790-9901 FAX: 910 790-3111 Email: susanholt@ls3p.com Web Site: http://www.ls3p.com
Other Recent Prototype Locations:	
Times Prototype has been Constructed : 2	
Construction Costs & Building Area: (Does not include, land, legal, design fees, testing or furnishings)	
Date Bids Received:	6/13/2000
Construction Bid Cost:	\$6,352,685.00
Architectural Building Area:	78900sq.ft.
Assignable Area	56640sq.ft.
Assignable To Total Architectural Area Efficiency	71.80%
Cost per Assignable Square Foot	\$112.15
Cost per Total Architectural Square Foot	\$80.52
Cost per Student	\$10,658.87
Special Costs Included in Bid	\$857,990.00
Description of Special Costs: On-Site Sewer, Off-Site Water Extension	
Special Features:	
Total Building Footprint (total all floors) Area	77497sq.ft.
Site Acreage:	42
Construction Information:	
Building Code Construction Type:	Type IV UP
Construction Description:	Core Bldg-steel/CMU, CR Wing-light gauge steel
Roof:	High slope metal, low slope single ply
Number of Floors:	1
Number of Separate Buildings:	2
Heating Fuel:	Oil
Heating & Air Conditioning:	2-Pipe Boiler & Chiller w/UV's
Technology Infrastructure:	Fiber Backbone/cable tray/Copper to CR
Design Consultants:	
Civil:	Davis-Martin-Powell & Assoc. High Point, NC 27262
Structural:	Laurene Rickher Group Charlotte NC 282127
Electrical:	United Engineering Group Charlotte NC 28212
Plumbing/Mechanical:	United Engineering Group Charlotte NC 28212
Other Consultant:	Foodesign Associates Charlotte NC 28227
Designer and Owner Comments:	
Designer Comments: The Elementary School prototype was conceived to meet 3 primary goals: site-adaptable design, reduced construction time from typical school construction & reduced bldg. cost from typical elem. schools. The Elementary School is separated into 2 distinct buildings. The media center/dining area, multi-purpose room, & admin. areas are constructed w/ conventional steel frame structure & masonry walls. These areas are separated from the classrm. wings & connected w/ enclosed covered corridors. Classrm. wings are attached but include 2 ramps between the 3 pods to adapt to grade variations on site. Classrm. wings are constructed using factory built light gauge steel stud wall panels & steel stud trusses. Panels are fabricated off-site & set in place as whole units. Roof trusses are similar. Masonry & metal roof are then applied in a conventional manner. Interior walls are finished w/ abuse-resistant gyp. bd. & ceramic tile. Approx. 2/3 of building is factory-built & not subject to weather delays. Time for construction is significantly reduced. Cost is more than 10% lower than average cost for conventional methods. The school's base bid cost of \$80.51 per s.f. includes all sitework, parking areas, media ctr furniture, kitchen equip. & built-in cabinets.	
Owner Comments:	