

Project and Designer Information:	
Region:	Eastern North Carolina
School Information:	908 Student Elementary/Middle School
Property (DSP) No:	070-4258
Design Capacity:	908 Students
Core Capacity:	1116 Students
Grade Organization:	K-8
Architect:	Applegate Architects 404 Pollack Street, New Bern, NC 28560 Phone: 252-633-5603 FAX: 252-633-6793 Email: earl@applegatearchitects.com Web Site: http://www.applegatearchitects.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:	2/18/1999
Construction Bid Cost:	\$11,038,440.00
Architectural Building Area:	123374sq.ft.
Assignable Area	90195sq.ft.
Assignable To Total Architectural Area Efficiency	73.10%
Cost per Assignable Square Foot	\$122.38
Cost per Total Architectural Square Foot	\$89.47
Cost per Student	\$12,156.87
Total Building Footprint (total all floors) Area	121856sq.ft.
Site Acreage:	75
Construction Information:	
Building Code Construction Type:	Type II
Construction Description:	Steel Frame, Brick/CMU
Roof:	High Slope Metal
Number of Floors:	1
Number of Separate Buildings:	1
Heating Fuel:	Propane
Heating & Air Conditioning:	4-Pipe with Boiler & Chiller
Technology Infrastructure:	Cat V with 6 drops per classroom
Design Consultants:	
Landscape:	Jack Daft New Bern, NC 28560
Structural:	NRW Engineering Virginia Beach VA 23464
Electrical:	Pace Collaborative Virginia Beach VA 23462
Plumbing/Mechanical:	Pace Collaborative Virginia Beach, VA 23462
Designer and Owner Comments:	
Designer Comments: The Elementary School and Middle School is one unified school replacing an existing elementary school and an existing middle school. The design shares core facilities but maintains the separation of elementary and middle school programs. The overall plan for the elementary school and the middle school complex is based upon a central axis, which connects the elementary school and the middle school to the central (core) services. The core area includes kitchen and cafeteria, media center, administration, multi-purpose room and gymnasium. The core area also includes a large portion of the building mechanical systems. The building axis is oriented on an east-west axis in order to provide the optimum solar orientation. There are three roof monitors, which provide daylight to the main corridors. These monitors are located at the central axis of the school and at the cross axis of the elementary school and the middle school. The design is very efficient, resulting in an overall net to gross ratio of 1.45.	
Owner Comments:	