

Project and Designer Information:	
Region:	Central North Carolina
School Information:	812 Student Elementary School
Property (DSP) No:	600-2537
Design Capacity:	812 Students
Core Capacity:	999 Students
Grade Organization:	6-8
Architect:	Cort Architectural Group 239 Haywood Street, Asheville, NC 28801 Phone: 828 251-5100 FAX: 828 252-8535 Email: plan@cortaia.com Web Site: http://www.cortaia.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:	4/17/2001
Construction Bid Cost:	\$7,876,116.00
Architectural Building Area:	85109sq.ft.
Assignable Area	64826sq.ft.
Assignable To Total Architectural Area Efficiency	76.16%
Cost per Assignable Square Foot	\$121.50
Cost per Total Architectural Square Foot	\$92.54
Cost per Student	\$9,699.65
Total Building Footprint (total all floors) Area	85109sq.ft.
Site Acreage:	15
Construction Information:	
Building Code Construction Type:	II-B
Construction Description:	Steel Frame, load bearing masonry
Roof:	Standing Seam Metal
Number of Floors:	1
Number of Separate Buildings:	1
Heating Fuel:	Natural Gas
Heating & Air Conditioning:	VAV w/ boiler/chiller
Technology Infrastructure:	Fiber optic spine with Cat Ve
Design Consultants:	
Civil:	WATU engineering Huntersville, NC
Structural:	Sutton-Kennerly Associates Asheville NC 28814
Electrical:	United Engineering Group Charlotte NC 28204
Plumbing/Mechanical:	United Engineering Group Charlotte NC 28204
Other Consultant:	Herbin Design Charlotte NC 28212
Designer and Owner Comments:	
Designer Comments: The Main Lobby of this prototype school can be readily accessed from front, side or rear. The Main Lobby serves the Administration offices and Media Center. A side lobby serves the Dining and Multi-Purpose rooms. This arrangement provides site planning flexibility when the prototype is reproduced. Bus and car approaches can be planned to deliver students, staff and visitors to the Main Lobby from various directions. This flexibility permitted the plan to be twice used by Charlotte Mecklenburg Schools as a replacement school on a tight site. The existing Sedgewood and Pinewood schools each remained in operation while a new school was constructed on the existing site. The Dining and Multi-Purpose rooms can be combined for large assemblies by opening a folding partition. Classroom wings can be secured from the public use spaces. Classrooms are arranged in pairs with a Tutor room between. Tutor rooms can be used as small instructional settings, additional offices, or work rooms. One-way glass between Tutor room and classroom permits administrators and parents to observe classes in progress. The uniquely designed mechanical system can be fully serviced without entering the classrooms. The variable air volume system characteristics reduce the potential for mold growth. In reproducing this plan, the classroom wings can be shortened to create a 600 student school, the K-1 wing relocated closer to core use areas, the Tutor rooms retained or deleted. This true prototype plan offers an Owner a wide range of choices.	
Owner Comments:	