

Project and Designer Information:	
Region:	Central North Carolina
School Information:	800 Student High School
Property (DSP) No:	120-4467
Design Capacity:	800 Students
Core Capacity:	800 Students
Grade Organization:	9-12
Architect:	Cort Architectural Group 239 Haywood Street, Asheville, NC 28801 Phone: 828-251-5100 Email: plan@cortaia.com Web Site: 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:	10/27/2005
Construction Bid Cost:	\$0.00
Architectural Building Area:	154926sq.ft.
Assignable Area	113512sq.ft.
Assignable To Total Architectural Area Efficiency	73.27%
Cost per Assignable Square Foot	\$144.59
Cost per Total Architectural Square Foot	\$105.94
Cost per Student	\$20,516.16
Total Building Footprint (total all floors) Area	149734sq.ft.
Site Acreage:	97
Construction Information:	
Building Code Construction Type:	II-B (2002 Code)
Construction Description:	Load Bearing Masonry & Steel Frame
Roof:	High Slope Shingles
Number of Floors:	1
Number of Separate Buildings:	1
Heating Fuel:	Natural Gas
Heating & Air Conditioning:	4-pipe Unit Vent/Boiler/Chiller
Technology Infrastructure:	Fiber Optic Spine/Cat VE
Design Consultants:	
Civil:	Site Solutions Charlotte, NC 28208
Structural:	Sutton-Kennerly Associates Asheville, NC 28814
Electrical:	United Engineering Group Charlotte, NC 28204
Plumbing/Mechanical:	United Engineering Group Charlotte, NC 28204
Other Consultant:	Foodesign Associates Charlotte, NC 28227
Designer and Owner Comments:	
Designer Comments: The prototype High School has a 25 foot high Lobby with daylighting for energy efficiency. Centrally located, the Lobby serves the Administration Offices, Dining Room, Gymnasium and Auditorium, and Media Center. These public use spaces can be secured from the classroom wings by means of cross-corridor doors having electro-magnetic hold-opens and electric locks. The doors can be closed and locked from a single control console in the Administration office. Administrators can conveniently secure the school for after-hours public use, or quickly "lock down" the building in an emergency. These security arrangements are carefully designed so as not to create dead-end conditions. Students may exit the classroom wings while others are prevented from entering. The building is fully sprinklered, permitting the Dining room to be open to the Main Lobby. The High School offer a friendly and inviting feel for students and public use, while maintaining a high level of security and safety. The High School has full athletic facilities including Football stadiums with Fieldhouse and ROTC classrooms. Separate Car and Bus drop-off canopies connect to the single main entrance canopy permitting school staff to monitor student arrival and departure from a single point immediately adjacent to the main administration office.	
Owner Comments:	