

Project and Designer Information:

Region:	Eastern North Carolina
School Information:	696 Student Middle School
Property (DSP) No:	670-4119
Design Capacity:	696 Students
Core Capacity:	1200 Students
Grade Organization:	6-8
Architect:	Smith Sinnett Assoc 4601 Lake Boone Trail, Suite 3C, Raleigh, NC 27607 Phone: 919 781-8582 FAX: 919 781-3979 Email: info@smithsinnett.com Web Site: http://www.smithsinnett.com

Other Recent Prototype Locations:

Times Prototype has been Constructed : 3

Construction Costs & Building Area:

(Does not include, land, legal, design fees, testing or furnishings)

Date Bids Received:	11/21/1995
Construction Bid Cost:	\$7,624,601.00
Architectural Building Area:	90000sq.ft.
Assignable Area	60554sq.ft.
Assignable To Total Architectural Area Efficiency	67.30%
Cost per Assignable Square Foot	\$125.91
Cost per Total Architectural Square Foot	\$84.72
Cost per Student	\$10,954.89
Special Costs Included in Bid	\$0.00
Description of Special Costs: N/A	

Construction Information:

Building Code Construction Type:	Type II
Construction Description:	Load bearing masonry, steel joists
Roof:	High Slope Metal, Low Slope EPDM
Number of Floors:	1
Number of Separate Buildings:	1
Heating Fuel:	Oil
Heating & Air Conditioning:	2-Pipe boiler/chiller with AHUs

Design Consultants:

Civil:	Parker & Associates Jacksonville, NC 28541
Landscape:	Parker & Associates Jacksonville, NC 28541
Structural:	Neville Engineering Chapel Hill, NC 27516
Electrical:	Progressive Design Collaborative, Ltd Raleigh, NC 27661
Plumbing/Mechanical:	Progressive Design Collaborative Raleigh, NC 27661

Designer and Owner Comments:

Designer Comments: The Prototypical Middle School is a 118,000 square foot, eight hundred student, state of the art middle school facility. This prototype was developed as a joint venture between two adjoining school districts, their administrators, teachers, parents and students, all of whom actively participated in the process of collaborative design. While a prototype, the plan is adaptable to particular user needs as evidenced by the three rather different customized versions of the school in existence. The Prototypical Middle School is a modular building with its wings spun at angles to one another. Each wing is constructionally simple, yet the overall composition is dynamic, leading to a vibrancy and energy befitting the activities of a middle school. There are five wings in the school, three of which are classroom wings, with each of these being connected to shared student commons spaces. The Arts, Media, Cafeteria, Gymnasium and Administration are all designed so that any of them may be kept open for public use while the rest of the school is closed. Additionally, these spaces are sized for future expansion to twelve hundred students with easily expandable classroom wings. The building is composed of brick and split face block with low slope membrane and standing seam metal roofing. Attributes of the facility include team teaching, exterior teaching courtyards, teacher workrooms adjoining classrooms, computers in every classroom and extensive science and computer labs.

Owner Comments: