

Project and Designer Information:	
Region:	Central North Carolina
School Information:	800 Student Elementary School
Property (DSP) No:	
Design Capacity:	800 Students
Core Capacity:	900 Students
Grade Organization:	PK-5
Architect:	LS3P Associates 434 Fayetteville St #1700, Raleigh, NC 27601 PH: 919.829.2700 F: 919.829.2730 Email: marybrehler@ls3p.com Website: www.ls3p.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	03/21/2018
Construction Bid Cost	\$26,159,962
Architectural Building Area	117,626 SF
Assignable Area	82,431 SF
Assignable To Total Architectural Area Efficiency	51%
Cost per Assignable Square Foot	\$317.36
Cost per Total Architectural Square Foot	\$201.81
Cost per Student	\$32,700
Special Costs included in Bid	
Description of Special Costs: On-site Sewage System	
Total Building Footprint (total all floors) Area	129,629 SF
Site Acreage	16.48
Construction Information:	
Building Code Construction Type	II-B 2006 NCBC
Construction Description	Steel frame with Brick veneer and ACM metal panels steel stud backup. Interior steel stud partitions with gypsum wall board finishes.
Roof	Modified Bit on lightweight insulated concrete
Number of Floors	2
Number of Separate Buildings	1
Heating Fuel	Natural Gas
Heating & Air Conditioning	4 Pipe Boiler/Chiller
Design Consultants:	
Civil	CLH Design, PA, Cary, NC 27518
Structural	Lynch Mykins Structural Engineers, PC Raleigh, NC 27603
Electrical	Dewberry, Raleigh, NC 27607
Plumbing/Mechanical	Cheatham & Associates Pa, Wilmington, NC 28405
Designer and Owner Comments:	
Designer Comments: The Elementary School is the Union County Public Schools' third in a generation of what might be called an "eco-light" prototype, a learning space designed with several cost-conscious, sustainable features. The layout was designed orientated to a North-South axis to allow for day lighting strategies utilized in classrooms, corridors, and some support spaces. The main corridor "Main Street" divides the building into two core groups. One for the support spaces comprising of administration, media/technology, the gymnasium, dining, and the kitchen. The other group consists of the three classroom wings. High clearstory windows along the "Main Street" allow natural light into the corridor. The light is reflected off of slopped ceiling panels onto a vibrant wall that house the entrances to the support spaces. The irregular ceiling and vibrant wall plays off of the other solid wall to allow for greater enhancement of the corridor as you walk through it. Colors are lit up by natural light with very little need for artificial lighting.	
Owner Comments: notes here	





SECOND FLOOR PLAN