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| Project and Designer Information: | |
| Region: | Western North Carolina |
| School Information: | 800 Student Elementary School |
| Property (DSP) No: | 120-1243 |
| Design Capacity: | 800 Students |
| Core Capacity: | 875 Students |
| Grade Organization: | PK-5 |
| Architect: | Cort Architectural Group, PA 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 : 1 | |
| Construction Costs & Building Area: (Does not include, land, legal, design fees, testing or furnishings) | |
| Date Bids Received: | 2/17/2017 |
| Construction Bid Cost: | \$19,695,000.00 |
| Architectural Building Area: | 98945sq.ft. |
| Assignable Area | 69321sq.ft. |
| Assignable To Total Architectural Area Efficiency | 70.10% |
| Cost per Assignable Square Foot | \$284.11 |
| Cost per Total Architectural Square Foot | \$199.05 |
| Cost per Student | \$24,618.00 |
| Total Building Footprint (total all floors) Area | 102858sq.ft. |
| Site Acreage: | 16 |
| Construction Information: | |
| Building Code Construction Type: | II-B |
| Construction Description: | Slab-on-Grade; Masonry Walls, Steel Joist Roof Frame |
| Number of Floors: | 1 |
| Number of Separate Buildings: | 1 |
| Design Consultants: | |
| Civil: | Davis Civil Solutions Asheville, NC 28803 |
| Structural: | SKA Consulting Engineers Asheville, NC 28803 |
| Electrical: | McKIM and Creed Charlotte, NC 28227 |
| Plumbing/Mechanical: | McKIM and Creed Charlotte, NC 28227 |
| Other Consultant: | Herbin Designs Charlotte, NC 28212 |
| Designer and Owner Comments: | |
| Designer Comments: Single story replacement elementary school and Pre-K on previously developed school site. NCDPU program with 800 seat Gymnasium, 550 seat Auditorium, lighted/irrigated football field with restroom and concession facility. Building has low-slope PVC roof with metal cornice overhang, brick and concrete stone facade and factory glazed aluminum windows. Mechanical equipment is indoor at ground level, system is VAV with air cooled chiller and BAS. Floor plan based on site adaptable "transformable" prototype. Electrical Systems have been designed to accommodate auxiliary generator connection to power necessary post disaster sheltering needs. Single switch building area security compartmentalization controls are integrated into the building and do not compromise normal building egress. Construction Contract Documents compiled utilizing of fully articulated Revit Design Model from all design trades. | |
| Owner Comments: | |