**Project and Designer Information:**

Region: Central North Carolina

School Information:
- Property (DSP) No: 946 Student Middle School
- Design Capacity: 600-4150
- Core Capacity: 946 Students
- Grade Organization: 9-8

Architect: Little & Associates
- 5815 Westpark Dr, Charlotte, NC 28217
- Phone: 704-525-6350 FAX: 704-561-8700
- Web Site: http://www.littlearch.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)

<table>
<thead>
<tr>
<th>Date Bids Received</th>
<th>$12,624,955.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction Bid Cost</td>
<td>$12,624,955.00</td>
</tr>
<tr>
<td>Architectural Building Area (sq ft)</td>
<td>145777</td>
</tr>
<tr>
<td>Assignable Area (sq ft)</td>
<td>107392</td>
</tr>
<tr>
<td>Cost per Assignable Square Foot</td>
<td>$117.56</td>
</tr>
<tr>
<td>Cost per Total Architectural Square Foot</td>
<td>$86.60</td>
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<tr>
<td>Cost per Student</td>
<td>$13,345.62</td>
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<tr>
<td>Special Costs Included in Bid</td>
<td>$0.00</td>
</tr>
<tr>
<td>Description of Special Costs: N/A</td>
<td></td>
</tr>
<tr>
<td>Total Building Footprint (total all floors) Area (sq ft)</td>
<td>41</td>
</tr>
</tbody>
</table>

**Construction Information:**
- Type: Type II
- Load Bearing Masonry
- Low Slope Metal
- Number of Floors: 1
- Number of Separate Buildings: 1
- Heating Fuel: Natural Gas
- Heating & Air Conditioning: 4-Pipe with Boiler & Chiller with Fan Coils/AHU
- Technology Infrastructure: ICS, 5 Cat V drops/CR

**Design Consultants:**
- Civil: Flehan Engineering, Inc., Charlotte, NC 28226
- Landscape: Flehan Engineering, Inc., Charlotte, NC 28226
- Structural: Patel Associates Charlotte, NC 28212
- Electrical: Optima Associates Charlotte, NC 28203
- Plumbing/Mechanical: Optima Associates Charlotte, NC 28203

**Designer Comments:** The design intent for the Middle School was to create as an efficient, secure, clearly organized, and flexible facility that would adapt to a variety of sites. The different grade levels are separated by "wings" all feeding off a grader corridor that organizes the academic classrooms as well as the main public spaces in the building. This corridor varies in width from 10 to 20 feet depending on circulation needs and is dramatically lit from clerestory windows of varying rhythms. Within this main corridor are bold graphic signs and playful acoustical treatments that enliven the space, reduce noise levels, and help soften the inherent institutional nature of educational facilities. The exterior materials are simply combinations of brick and concrete block with subtle variations in the materials reflecting the various internal uses of the building. The entrance tower is intentionally different in material to clarify entry, but it also anchors the outdoor courtyard that is landscaped with Japanese maples and a floral combination of perennials and annuals, again softening the institutional nature of large schools. An excellent plan can lend itself to a variety of interior and exterior qualities. If re-used the exterior qualities can easily be modified to create distinct character, yet the efficiency, security, and clarity of the plan prototype can be maintained.

**Owner Comments:**