### Project and Designer Information:

**Region:** Central North Carolina

**School Information:**
- Property (DSP) No: 
- Design Capacity: 
- Core Capacity: 
- Grade Organization:

**Architect:** Hord Coplan Macht
1942 East 7th Street, Suite 260, Charlotte, NC 27204
PH: 704.516.9972
Email: glang@HCM2.com
Website: www.hcm2.com

### Other Recent Prototype Locations:

- **Times Prototype has been Constructed:** 4

### Construction Costs & Building Area:

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

<table>
<thead>
<tr>
<th>Date Bids Received</th>
<th>Construction Bid Cost</th>
<th>Architectural Building Area</th>
<th>Assignable Area</th>
<th>Assignable To Total Architectural Area Efficiency</th>
<th>Cost per Assignable Square Foot</th>
<th>Cost per Total Architectural Square Foot</th>
<th>Cost per Student</th>
<th>Special Costs included in Bid</th>
<th>Description of Special Costs:</th>
<th>Total Building Footprint (total all floors) Area</th>
<th>Site Acreage</th>
</tr>
</thead>
<tbody>
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<td>Community Center in lieu of a traditional multi-purpose room</td>
<td>131,196 SF</td>
<td>43.63</td>
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</tbody>
</table>

### Construction Information:

- **Building Code Construction Type:** I-B, Fully Sprinklered
- **Construction Description:** Load bearing CMU w/ steel frame at two-story areas
- **Roof:** Single Ply - PVC
- **Number of Floors:** 2
- **Number of Separate Buildings:** 2
- **Heating Fuel:** Gas
- **Heating & Air Conditioning:** Air cooled chiller; Hot water boiler; HW terminal reheat; VAV AHU via variable primary / secondary pumping with VFDs; DDC controls

### Design Consultants:

- **Civil:** Alfred Benesch and Co., Charlotte, NC 28208
- **Structural:** JDH Structural Engineers, PLLC, Cornelius, NC 28031
- **Plumbing/Mechanical / Electrical:** CMTA, Inc., Charlotte, NC 28205
- **Other – Food Service:** Herbin Design, Charlotte, NC 28212

### Designer and Owner Comments:

**Designer Comments:** One of the goals of the design was to increase efficiency and reduce total construction dollars without compromising educational program. The two-story design features a compact plan that reduces exterior wall area, reduces circulation space and can be easily adapted to varying site conditions. This prototype was uniquely designed to minimize the footprint and be adaptable to almost any site. With large parcels of land harder to acquire, the efficiency of a two-story design approach is paramount. The strategy also allows for the prototype design to be modified to a single story or three-story classroom wing based on actual site constraints and owner needs.

**Owner Comments:** Each of the program spaces in this prototype have been analyzed and evaluated for its feasibility and functionality. Where possible, historically underused spaces have been reduced or combined with other spaces to enhance function and eliminate wasted space. Core teaching spaces include 36 general classrooms, 9 science classrooms, 4 Tech Ed classrooms, 5 Arts classrooms, and 2 resource classrooms. The cafeteria serves 450 students in three servings. The gymnasium bleachers seat 450 students while also providing a full view to the stage area. The stage is also designed to serve as a small auxiliary gym and can be modified to open to the cafeteria, if desired. Corridor widths increase based rooms served / student load requirements for safe student movement.