McClelland School

Existing Assessment

Existing Building Condition
The McClelland school is a 1957-1959 Building with additions erected in 1988. The exterior envelope is mixed brick and translucent panels with operable units. The exterior walls appear to be in excellent condition. Comfort issues were reported within the Special Education and Intervention areas currently located on the upper floor mezzanine, as well as within the main office. It should also be noted that rest rooms lack proper ventilation. Interior finishes are in generally good condition with the VCT flooring beginning to show its age. Lighting fixtures throughout the classrooms are direct T8 fenced fluorescent (inefficient compared to today’s standards) and should be scheduled for replacement.

Existing Site
Parking appears adequate for school hours, and drop-off areas for busses and parents work well. Visitor parking is fairly limited in front of the building, but overflow can utilize the main parking area without issue. Outdoor athletics and play space are large and appropriately located for student access.

Safety, Security and Code Compliance
School staff noted that they are able to maintain a secure facility as it is currently configured.

Acoustics and Daylighting
Several classrooms suffer from poor acoustics as they have hard ceilings and no absorptive materials. Daylighting is adequate on all areas.

Programming / Space Needs

Overview of Space Needs
The McClelland school needs no major additions to serve its current student population. Improvements in classroom technology, classroom acoustics, a second boiler, and improved ventilations systems should be considered.

Classrooms would benefit from acoustic ceiling tile and updated technology (white boards or interactive white boards).

Lack of storage is apparent in classrooms but could be remedied with some added wardrobe cabinets or similar casework and some purging.
### McClelland School Program Based on Enrollment

#### Education Program Areas

<table>
<thead>
<tr>
<th>Course/Subject</th>
<th># Students</th>
<th>Max Students/Teaching Space</th>
<th>Utilization (90%)</th>
<th># of Sections</th>
<th>Offered</th>
<th>Required Teaching Spaces (calculated)</th>
<th>Number of Appropriately sized spaces in existing building</th>
<th>Required additional spaces</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kindergarten</td>
<td>50</td>
<td>18</td>
<td>0.90</td>
<td>3.09</td>
<td>Full Day</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>1st Grade</td>
<td>56</td>
<td>20</td>
<td>0.90</td>
<td>3.11</td>
<td>Full Day</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>2nd Grade</td>
<td>56</td>
<td>22</td>
<td>0.90</td>
<td>2.83</td>
<td>Full Day</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>3rd Grade</td>
<td>67</td>
<td>22</td>
<td>0.90</td>
<td>3.38</td>
<td>Full Day</td>
<td>4</td>
<td>4</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>4th Grade</td>
<td>67</td>
<td>25</td>
<td>0.90</td>
<td>3.98</td>
<td>Full Day</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>5th Grade</td>
<td>75</td>
<td>25</td>
<td>0.90</td>
<td>3.33</td>
<td>Full Day</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td><strong>Total Enrollment</strong></td>
<td>371</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>19</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Enrollment numbers were not verified by the Principal*

#### Core Program Areas

<table>
<thead>
<tr>
<th>Space</th>
<th>Students Accessible Per week (periods)</th>
<th># of Students Served</th>
<th># of Classrooms</th>
<th>Periods per week</th>
<th># of Spaces Required</th>
<th>Number of Appropriately sized spaces in existing building</th>
<th>Required additional spaces</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art</td>
<td>1</td>
<td>371</td>
<td>19</td>
<td>30</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Music</td>
<td>1</td>
<td>321</td>
<td>16</td>
<td>30</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>P.E.</td>
<td>1</td>
<td>321</td>
<td>19</td>
<td>20</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Media Center</td>
<td>1</td>
<td>371</td>
<td>19</td>
<td>1484</td>
<td>30</td>
<td><strong>1185</strong></td>
<td>0</td>
<td>Net Square Feet</td>
</tr>
<tr>
<td>Cafeteria</td>
<td>5</td>
<td>371</td>
<td>20</td>
<td>1391</td>
<td>10</td>
<td>2</td>
<td><strong>5052</strong></td>
<td>Net Square Feet</td>
</tr>
</tbody>
</table>

#### Special Education Student Areas

<table>
<thead>
<tr>
<th>Space</th>
<th>Students Accessible Per week (periods)</th>
<th># of Students Served</th>
<th># of Classrooms</th>
<th>Periods per week</th>
<th># of Spaces Required</th>
<th>Number of Appropriately sized spaces in existing building</th>
<th>Required additional spaces</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intervention / Small Group Areas</td>
<td>5</td>
<td>85</td>
<td>213</td>
<td>30</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>Calculations assume 2 students/space</td>
</tr>
</tbody>
</table>

#### Professional Areas

- **23% of students identified to receive special services by District Special Education.**
- **25% of students identified to receive Tier 2 or Tier 3 Intervention (Title 1) instruction**
- **Standard 8 period day, allowing for no specials during first and last periods.**

### Estimated Building Capacity Based solely on size of building

#### Existing Analysis / Capacity

- **Dept of Ed allowable:**
  - For New Construction
    - Kindergarten - Trans
      - Age Group: Kindergarten
      - Enrollment: 50
      - S/F/Pupil: 150
      - Utilization: 0.90
      - Total Building (NSF): 8,333

- **Current Enrollment:** 371
- **Current Building Size (gsf):** 55,662
- **Estimated Building Capacity Based solely on size of building:**
  - Based on Average NH School Construction of 144sf/student for Grades 1-5 and 150sf/student in K-8 @ 90% Utilization.
  - **345**
  - **345**
  - **345**

### Core Capacity

- **Core Capacity**
  - **Art:** 856, **Music:** 1027, **Media Center:** 1180, **Gymnasium:** 5552, **CPU Lab:** 900, **Cafeteria:** 5552

### Notes:

- **Existing Analysis / Capacity: Total Allowable by NH DOE standards for new construction**
- **Core Capacity: Calculated SF of Space (Per Standards)**
- **Current Utilization / Capacity: 98.62%**
- **Average K-5 Class Sizes:**

### McClelland School

**Programming / Space Needs Calculations**

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**LAVALLEE I BRENSINGER ARCHITECTS**

48
Undersized Classroom
Note: some classrooms shown here are undersized by NH DOE standards of 900sf, however, do meet standards for requirement of 36sf per student.

Many classrooms still have a chalk-board rather than a white-board or an interactive whiteboard.

These classrooms have poor acoustics due to hard ceiling.

Health Office does not have good privacy

Entrance is non-supervisable from Administration areas

These classrooms have poor acoustics due to hard ceiling.

Health Office does not have good privacy

These classrooms have poor acoustics due to hard ceiling.
These areas suffer from poor ventilation.
McClelland School

Existing Site to Remain

Visitor Parking and Drop Off: Coordinate with City improvements to Brock Street.

K thru 3rd grade parent pick-up

4th and 5th grade parent pick-up

Parent pick up

Bus drop off

LAVALLEE I BRENSINGER ARCHITECTS