What is **A4LE?**

- Association For Learning Environments
- Formerly the Council of Educational Facility Planners International (CEFPI)
- Established in 1921 as the National Council on Schoolhouse Construction
- Today is a Professional, Internationally Recognized 501 (c)(3) Non-Profit
- Diverse Community of more than 4,000 Professionals Worldwide involved in School Planning, Development, Construction and Maintenance
- Primary focus on improving the Places where Children Learn

- Publications & Programs with Current Industry Standards
- Annual Regional Meetings & Exhibits
- Industry Recognition as an Experienced & Knowledgeable Professional Organization
- Best Practices in Education & Community Links Around the World
- Professional Development Opportunities – CEU’s
- Access to Information & Resources to Compete in Today’s Market
Learning Objectives

• Describe the devastating effects of flood damage

• Navigate through FEMA and the Federal Funding Process “Speaking the language”

• Analyze the challenges of Renovation vs New Construction

• Describe the process for complete reconstruction of a fully and continuously occupied campus while preserving the integrity of the high school experience.

• Apply strategies to protect critical building components from future flooding

• Describe how tactical changes to existing building components can significantly increase energy efficiency.

• Identify the key issues in balancing the preservation of historic features with the demands of future realized educational spaces, technologies, and energy efficiency.
Devastating Effects of Flood Damage and Navigating Through the FEMA Funding Process
St. Bernard Will Return
We made it through something that only happens in movies and for this we are courageous. This storm took everything but that.

- Charlie

Hear You Eat
Simpson World

There's no one in Black lab (Set) puppy

No place like home

This song is in memory for those who didn't survive Katrina

This song is in memory for those who didn't survive Katrina

You gave them somewhere to go

So I never said thank you for that.

You gave them somewhere to go

You gave them somewhere to go

Let's stick with you in.

We made it through something

Hear You Eat
Simpson World

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Renovate vs. Replace
# New and Existing Area Tabulations

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing Classrooms:</td>
<td>53</td>
</tr>
<tr>
<td>New Classrooms Renovated:</td>
<td>10</td>
</tr>
<tr>
<td>New Classrooms:</td>
<td>19</td>
</tr>
<tr>
<td>Total Classrooms:</td>
<td>82</td>
</tr>
<tr>
<td>Existing Campus Building Area:</td>
<td>167,160 S.F. Gross</td>
</tr>
<tr>
<td>Total New Construction:</td>
<td>60,700 S.F. Gross</td>
</tr>
<tr>
<td>(Including Administration &amp; Circulation)</td>
<td></td>
</tr>
<tr>
<td>Total Revised Campus Area:</td>
<td>209, 570 S.F. Gross</td>
</tr>
<tr>
<td>(Less Original Band/Shop &amp; Cafeteria Buildings 18,900 S.F.)</td>
<td></td>
</tr>
</tbody>
</table>
EXISTING CLASSROOM BUILDING

NEW CLASSROOM BUILDING
Preserving the High School Experience during Construction
Academic Facilities

• Science Labs (7)
• Mathematics and Computer Labs (6)
• Performing Arts
  – Small Black Box Theater
  – Performing Arts Center Theater
  – Band
• Television Broadcast Studio
• Home Economics / Commercial Culinary Arts
• Industrial Arts
Educational Programs:

- College Preparatory
- Career Pathways
  - Information Technologies
  - Manufacturing Construction Crafts and Logistics
  - Heath Sciences
  - Business Management
  - Entertainment Technologies and Digital Media
  - Hospitality, Tourism, Culinary and Retail
Athletic Facilities

- Gymnasiums (3)
- Football Field house
- Baseball Field house
- Natatorium
- Football Field
- Baseball Field
- Softball Field
- Tennis courts (4)
The Design Process/Challenges
The Construction Process
Balancing the Preservation of Historic Features with the Demands of Future-realized Educational Experiences