Campus Projects

✓ Community Center Site:  
  www.lincolntown.org  
  & click on “campus projects”  
  or go to…  
  http://www.lincolntown.org/918/Community-Center-PPDC

✓ School Project Site:  
  www.lincolnsbc.org
CAMPUS PLAN #1
• L-shaped School
• 4 - 5 Concepts; cost range $49M - $108M
• Community Center @ Hartwell
• 3 concepts range from $13M - $16.5M
• Pod renovation cost: $0 - $2.6M (depending on concept chosen)

CAMPUS PLAN #2
• Compact School
• 1- 2 Concepts; cost range $95M - $115M
• Community Center @ Hartwell
• 3 concepts range from $13M - $16.5M
• Pod renovation cost: $0 - $2.6M (depending on concept chosen)

CAMPUS PLAN #3
• Compact School
• 1- 2 Concepts; cost range $95M - $115M
• Community Center w/Smith Gym
• Estimates range from $14 - $17M
• Pod renovation cost: $3M - $3.9M
Campus Plan #1

SCHOOL: CURRENT FOOTPRINT

Current Playing Fields

Current Playing Fields

COMMUNITY CENTER + parking

PARKING

HARTWELL

Tennis

Tennis

CAMPUS LAYOUT #1
School Building Committee
Honoring Our History, Building Our Future

4th grade view

Town Meeting, March 24, 2018
Doing nothing is not an option…

Smith boiler room

Brooks plastic ceiling

Science room leak

Brooks hallway

Walk to lunch
Where are we now?

Discover
• Define the project vision
• Verify program
• Explore design ideas

Design
• Refine the project vision
• Create design concepts
• Narrow the concept choices

Deliver
• JUNE 9th - Choose design concept!
• Begin Schematic Design

Community Engagement and Input
What have we done?

✓ SOTT - Presented 6 “full program”* concepts to the Town for feedback

✓ Used feedback to generate 38 concepts

✓ Collected and incorporated community input throughout the process

✓ Goal: deliver best value at each price point

* full program = optimal square footage and spaces to support the educational program
Communication:

- Community Workshops
- Met with COA, PTO, and LFA to get feedback
- Campus Coordination Group
- Sustainability: analysis of the preliminary concepts by Bill Maclay Architects & SMMA
- Weekly emails and information in LincolnTalk
- www.lincolnsbc.org Are you a subscriber?
## Six Current Concepts

<table>
<thead>
<tr>
<th>Option</th>
<th>R (REPAIR)</th>
<th>L1 (L-SHAPED 1)</th>
<th>L2 (L-SHAPED 2)</th>
<th>L3 (L-SHAPED 3)</th>
<th>C (COMPACT)</th>
<th>FPC (FULL PROGRAM CONCEPT)</th>
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<tbody>
<tr>
<td><strong>Building Operations</strong></td>
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<td>Warming Kitchen</td>
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<td>Enhanced access for fire/police</td>
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<tr>
<td>Non-Hub Flex Spaces</td>
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<td>✔</td>
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<td>Grade-Level Hubs</td>
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<td>Optimal # Classrooms</td>
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<td>Can achieve net-zero?</td>
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<td>Community Center @ Hartwell?</td>
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<tr>
<td>Community Center @ Smith?</td>
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<td>Potential for additional field space</td>
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<td><strong>Costs</strong></td>
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<td>Base cost</td>
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<td>$73M</td>
<td>$79M</td>
<td>$89M</td>
<td>$96M</td>
<td>$109M - $115M</td>
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<td>Additional up front cost to be &quot;net-zero&quot; + solar (additional up front cost would likely be recouped over life of the bond)</td>
<td>N/A</td>
<td>N/A</td>
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<td>$5M</td>
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<td>$13M - $16.5M</td>
<td>$13M - $16.5M</td>
<td>$13M - $16.5M</td>
<td>$13M - $17M</td>
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<td>Total potential up front cost</td>
<td>$92M - $95.5M</td>
<td>$92M - $99.5M</td>
<td>$92M - $100.5M</td>
<td>$102M - $105.5M</td>
<td>$109M - $114M</td>
<td>$122M - $132M</td>
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<tr>
<td>Additional cost to renovate pods (Timing of this work TBD)</td>
<td>$0 - $2.6M* depending on Community Center concept</td>
<td>$0 - $2.6M* depending on Community Center concept</td>
<td>$0 - $2.6M* depending on Community Center concept</td>
<td>$0 - $2.6M* depending on Community Center concept</td>
<td>$0 - $3.9M* depending on Community Center concept</td>
<td>$0 - $3.9M* depending on Community Center concept</td>
</tr>
</tbody>
</table>
OPTION R
PREVIOUSLY: "REPAIR ONLY OPTION"

S49M
138,464 SF
138,464 sf 0 sf
Existing to be Renovated New Additions

- Building Code and Systems Upgrades Only
- PRE-K Remains at Hartwell
- Maintains Existing Educational Spaces
- Maintains Existing Ballfields

Energy Performance Analysis

<table>
<thead>
<tr>
<th>Code Compliant</th>
<th>Added Cost</th>
<th>Predicted EUI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code Compliant</td>
<td>$0</td>
<td>57</td>
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</tbody>
</table>

Lincoln School
March 24, 2018
OPTION L1
PREVIOUSLY:
"ENHANCED
RENOVATION OPTION 3"
S73M
156,292 SF
136,942 sf
Existing to be
18,350 sf
Renovated
New Additions

- Pre-K Remains at Hartwell
- Maintains Existing Educational Spaces
- New Full Kitchen at Brooks
- New Dining Commons at Brooks
- New Warming Kitchen at Smith
- New Dining Commons at Smith
- Maintains Existing Ballfields

ENERGY PERFORMANCE ANALYSIS

<table>
<thead>
<tr>
<th>Code</th>
<th>Actual Cost</th>
<th>Predicted EUI</th>
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<tbody>
<tr>
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</tbody>
</table>

Lincoln School
March 24, 2018
OPTION L2
PREVIOUSLY: "A1.1 OPTION A"

S79M
158,355 SF
121,403 sf Existing to be Renovated
36,952 sf New Additions

- Pre-K Included
- Accommodates Essential Educational Spaces
- Singular, Centralized Kitchen and Dining Commons
- Added Flex Space at Smith and Brooks
- Maintains Existing Ballfields

**Energy Performance Analysis**

<table>
<thead>
<tr>
<th></th>
<th>Added Cost</th>
<th>Predicted EUI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stretch Code Compliant</td>
<td>$0</td>
<td>53</td>
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<tr>
<td>Stretch Code Plus</td>
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<td>38</td>
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<tr>
<td>Net Zero Ready 2030 Bplaw</td>
<td>+$5M</td>
<td>23</td>
</tr>
<tr>
<td>Net Zero w/ Solar</td>
<td>+$6M</td>
<td>0</td>
</tr>
</tbody>
</table>

Lincoln School
March 24, 2018
OPTION L3
PREVIOUSLY: “A3.4 OPTION”

165,078 SF
127,528 sf Existing to be Renovated
37,550 sf New Additions

- PRE-K Included
- Accommodates Essential Educational Spaces
- Singular, Centralized Kitchen and Dining Commons
- Hubs Included for Grades 3-8
- Maintains Existing Ballfields

ENERGY PERFORMANCE ANALYSIS

<table>
<thead>
<tr>
<th></th>
<th>Added Cost</th>
<th>Predicted EUI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stretch Code Compliant</td>
<td>$0</td>
<td>52</td>
</tr>
<tr>
<td>Stretch Code Plus</td>
<td>+$5M</td>
<td>36</td>
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<tr>
<td>Net Zero Ready 2030 Bylaw</td>
<td>+$4M</td>
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<tr>
<td>Net Zero w/ Solar</td>
<td>+$6M</td>
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</tr>
</tbody>
</table>

Lincoln School
March 24, 2018
Lincoln School
March 24, 2018

OPTION C
1st FLOOR
PREVIOUSLY: "B6.1 OPTION"
$95M
152,898 SF
66,107 sf Existing to be Renovated
86,791 sf New Additions

- PRE-K INCLUDED
- ACCOMMODATES ESSENTIAL EDUCATIONAL SPACES
- SINGULAR, CENTRALIZED KITCHEN AND DATING COMMONS
- HUBS INCLUDED FOR GRADES 3-8
- ADDS BALLFIELD/GREEN SPACE

ENERGY PERFORMANCE ANALYSIS

<table>
<thead>
<tr>
<th></th>
<th>Added Cost</th>
<th>Predicted EUR</th>
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</thead>
<tbody>
<tr>
<td>Stretch Code Compliant</td>
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<td>Stretch Code Plus</td>
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<tr>
<td>Net Zero Ready 2030 BLD</td>
<td>$0</td>
<td>23</td>
</tr>
<tr>
<td>Net Zero w/ Solar</td>
<td>+$2M</td>
<td>0</td>
</tr>
</tbody>
</table>

- ADMINISTRATION/ FACULTY SUPPORT
- SERVICES
- STUDENT SUPPORT
- CLASSROOMS - Grade Level & Team Teaching
- SPECIALS - Art, Music, Language, Media, Information, Computing & Technology
- PERFORMING ARTS
- GYM / MULTI-PURPOSE
- MEDIA CENTER / LIBRARY
- EXISTING BUILDING
- COMMONS
OPTION FPC
1st Floor
Previously: "Optimal Option A"

$109M
178,041 SF
37,773 sf
Existing to be Renovated
140,268 sf
New Additions

- Pre-K Included
- Accommodates Optimal Educational Spaces
- Singular, Centralized Kitchen and Dining Commons
- Hubs Included for Grades PreK-8
- Maintains Existing Ballfields
- This shape addresses community input on maintaining the feel of the existing campus
- If sustainability and building circulation are priorities, a more compact full program concept could be developed to address those priorities
- This Optimal Program Concept would only be developed if there is sufficient community support

Energy Performance Analysis

Analysis Not Performed on this Option

Lincoln School
March 24, 2018
Where are we headed?

Discover
- Define the project vision
- Verify program
- Explore design ideas

Design
- Refine the project vision
- Create design concepts
- Narrow the concept choices

Deliver
- JUNE 9th - Choose design concept!
- Begin Schematic Design

Community Engagement and Input
Milestones:

April 10\textsuperscript{th} - Community Workshops
\textit{(with the Community Center)}

April 30\textsuperscript{th} - Multi-Board Meeting
\textit{(open and televised!)}

\textbf{June 9\textsuperscript{th}}

Choose the concept & set the budget!