- 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 ELI</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$0</td>
<td>57</td>
</tr>
</tbody>
</table>

- This option does not meet Lincoln’s 2030 energy by-law

**Annual Tax Bill Increase for Median Taxpayer**

<table>
<thead>
<tr>
<th>Concept</th>
<th>Cost of Project &amp; Borrowing Amount</th>
<th>4%</th>
<th>5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>R</td>
<td>$49M</td>
<td>$1,329</td>
<td>$1,494</td>
</tr>
</tbody>
</table>

Median Taxpayer: $271-305 Per $100M increase on 2018 Tax Bill of $13,566

Median Home Value in Lincoln $997,500
OPTION L1

$73M
155,292 SF
136,942 sf 18,350 sf
Existing to be Renovated New Additions

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

Energy Performance Analysis

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

- This option does not meet Lincoln’s 2030 Energy by-law

Annual Tax Bill Increase for Median Taxpayer

<table>
<thead>
<tr>
<th>Cost of Project &amp; Borrowing Amount</th>
<th>4%</th>
<th>5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>$73M</td>
<td>$1,980</td>
<td>$2,226</td>
</tr>
<tr>
<td>Increase Over R</td>
<td>$651</td>
<td>$732</td>
</tr>
</tbody>
</table>

Median Taxpayer: $271-305 Per $100K Increase on 2018 Tax Bill of $13,666
Median Home Value in Lincoln $997,500
OPTION L2
$84M  
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>Description</th>
<th>Total Project Cost</th>
<th>Predicted EUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net Zero Ready/ 2030 Bylaw w/ Roof and Parking Canopy PV Array</td>
<td>$84M</td>
<td>9</td>
</tr>
<tr>
<td>Net Zero w/ Roof Parking Canopy and Offsite PV Array</td>
<td>$84M</td>
<td>0</td>
</tr>
</tbody>
</table>

*Assumes any offsite PV systems will be contracted direct between the town and PV company under a PPA (power purchase agreement) with no cost impact to the construction project

- This option, with PV system, meets or exceeds the requirements of Lincoln’s 2030 energy by-law
- At this conceptual phase, there is a considerable contingency built into the estimates of how much will be required to get the building to net zero
- Even with these conservative estimates, the upfront investment needed to achieve a net zero building should be recouped through reduced energy costs over the 30 year life of the bond

**Annual Tax Bill Increase for Median Taxpayer**

<table>
<thead>
<tr>
<th>Concept</th>
<th>Cost of Project &amp; Borrowing Amount</th>
<th>4%</th>
<th>5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>L2 Concept</td>
<td>$84M</td>
<td>$2,278</td>
<td>$2,562</td>
</tr>
<tr>
<td>Increase Over L1</td>
<td>$298</td>
<td>$335</td>
<td></td>
</tr>
</tbody>
</table>

Median Taxpayer: $271-305 Per $10k Increase on 2018 Tax Bill of $13,566  
Median Home Value in Lincoln $907,500

**Legend**

- Administration/Faculty Support
- Services
- Student Support
- Classrooms - Grade Level & Team Teaching
- Specials - Art, Music, Language, Media, Information, Computing & Technology
- Performing Arts
- Gym/Multipurpose
- Media Center/Library
- Existing Building
- Commons

Lincoln School  
May 15, 2018
OPTION L3
$93.9M
165,078 SF
127,528 sf Exsiting 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>Project Description</th>
<th>Total Project Cost</th>
<th>Predicted ELU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net Zero Ready/ 2030 Bylaw w/ Roof and Parking Canopy PV Array</td>
<td>$93.9M</td>
<td>9</td>
</tr>
<tr>
<td>Net Zero w/ Roof Parking Canopy and Offset PV Array</td>
<td>$93.9M</td>
<td>*</td>
</tr>
</tbody>
</table>

*Assumes any offset PV systems will be contracted direct between the town and PV company under a PPA (Power Purchase Agreement) with no cost impact to the construction project

- This option, with PV system, meets or exceeds the requirements of Lincoln’s 2030 energy by-law
- At this conceptual phase, there is a considerable contingency built into the estimates of how much will be required to get the building to net zero
- Even with these conservative estimates, the upfront investment needed to achieve a net zero building should be recouped through reduced energy costs over the 30 year life of the bond

ANNUAL TAX BILL INCREASE FOR MEDIAN TAXPAYER

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Cost of Project &amp; Borrowing Amount</th>
<th>4%</th>
<th>5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>L3 Concept</td>
<td>$93.9M</td>
<td>$2,546</td>
<td>$2,864</td>
</tr>
<tr>
<td>Increase Over L2</td>
<td>$268</td>
<td>$302</td>
<td></td>
</tr>
</tbody>
</table>

MEDIAN TAXPAYER: $271-305 Per $10k Increase on 2018 Tax Bill of $13,566
MEDIAN HOME VALUE IN LINCOLN: $977,500

- 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

Lincoln School
May 15, 2018
• Pre-K Included
• Accommodates Essential Educational Spaces
• Singular, Centralized Kitchen and Dining Commons
• Hubs Included for Grades 3-8
• Adds Ballfield/Green Space

**ENERGY PERFORMANCE ANALYSIS**

<table>
<thead>
<tr>
<th>Total Project Cost</th>
<th>Predicted ELE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net Zero Ready/ 2030 Bylaw w/ Roof and Parking Canopy PV Array</td>
<td>$97.8M</td>
</tr>
<tr>
<td>Net Zero w/ Roof Parking Canopy and Offsite PV Array</td>
<td>$97.8M</td>
</tr>
</tbody>
</table>

* Assumes any offsite PV systems will be contracted directly between the town and PV company under a PPA (power purchase agreement) with no cost impact to the construction project

- This option, with PV system, meets or exceeds the requirements of Lincoln’s 2030 energy by-law
- At this conceptual phase, there is a considerable contingency built into the estimates of how much will be required to get the building to net zero
- Even with these conservative estimates, the upfront investment needed to achieve a net zero building should be recouped through reduced energy costs over the 30 year life of the bond

**ANNUAL TAX BILL INCREASE FOR MEDIAN TAXPAYER**

<table>
<thead>
<tr>
<th>Cost of Project &amp; Borrowing Amount</th>
<th>4%</th>
<th>5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>C Concept</td>
<td>$97.8M</td>
<td>$2,652</td>
</tr>
<tr>
<td>Increase Over L3</td>
<td>$106</td>
<td>$119</td>
</tr>
</tbody>
</table>

Median Taxpayer: $271-305 per $10k increase on 2018 Tax Bill of $13,566
Median Home Value in Lincoln $997,500
• PRE-K Included
• Accommodates Essential Educational Spaces
• Singular, Centralized Kitchen and Dining Commons
• Hubs Included for Grades 3-8
• Adds Ballfield/Green Space

ENERGY PERFORMANCE ANALYSIS

<table>
<thead>
<tr>
<th>Description</th>
<th>Total Project Cost</th>
<th>Predicted ELE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net Zero Ready/ 2030 Bylaw w/ Roof and Parking Canopy PV Array</td>
<td>$97.8M</td>
<td>9</td>
</tr>
<tr>
<td>Net Zero w/ Roof Parking Canopy and Offsite PV Array</td>
<td>$97.8M</td>
<td>0</td>
</tr>
</tbody>
</table>

*Assumes any offsite PV systems will be contracted direct between the town and PV company under a PPA (Power Purchase Agreement) with no cost impact to the construction project.*

• This option, with pv system, meets or exceeds the requirements of Lincoln's 2030 energy by-law
• At this conceptual phase, there is a considerable contingency built into the estimates of how much will be required to get the building to net zero
• Even with these conservative estimates, the upfront investment needed to achieve a net zero building should be recouped through reduced energy costs over the 30 year life of the bond

ANNUAL TAX BILL INCREASE FOR MEDIAN TAXPAYER

<table>
<thead>
<tr>
<th>Concept</th>
<th>Total Project Cost</th>
<th>4% Increase</th>
<th>5% Increase</th>
</tr>
</thead>
<tbody>
<tr>
<td>C Concept</td>
<td>$97.8M</td>
<td>$2,652</td>
<td>$2,983</td>
</tr>
<tr>
<td>Increase Over L3</td>
<td>$106</td>
<td>$119</td>
<td></td>
</tr>
</tbody>
</table>

MEDIAN TAXPAYER: $271-305 Per $10k Increase on 2018 Tax Bill of $13,566
MEDIAN HOME VALUE IN LINCOLN $997,500

$97.8M * 0