



# SLAM

*presentation to*

## EAST HAMPTON PUBLIC SCHOOLS



April 9, 2013



# East Hampton High School Project Goals

- Respond to NEASC evaluation by providing educational environments that **promote 21st century teaching and learning**
- **Identify zones** of the building compatible for community use
- **Provide a safe environment** for learning
- Upgrade infrastructure and building systems to provide a **high performance, energy efficient facility**
- Improve **building and site circulation**
- **Right-size all spaces** to meet program while promoting faculty **collaboration and success**
- Increase access to **technological tools** for faculty and students throughout the building

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# Building Size Analysis

## Existing Building Area

As reported on State Dept.of Education Website

125,217

(inside face of exterior wall)

Total Measured GSF:

128,495

(outside face of exterior wall)

NESDEC Enrollment Projections

### Projected Enrollment in Grade Combinations\*

Year	PK-3	K-5	4-5	K-8	5-8	6-8	7-8	7-12	9-12
2012-13	680	961	312	1442	638	481	314	873	559
2013-14	688	974	317	1435	621	461	302	879	577
2014-15	661	946	317	1436	652	490	328	890	562
2015-16	644	947	335	1434	647	487	323	895	572
2016-17	621	952	364	1442	670	490	328	880	552
2017-18	613	935	355	1445	700	510	328	865	537
2018-19	642	903	295	1441	708	538	346	910	564
2019-20	632	886	288	1435	678	549	377	937	560
2020-21	626	916	325	1413	661	497	367	946	579
2021-22	625	911	321	1381	636	470	304	910	608
2022-23	627	903	312	1369	626	466	298	911	613

## Reimbursable Area Calculations

# Students

GSF/Student

Building Area

Allowable Area per Student

579

186.5

1% HVAC Allowance (CGS 10-286, d, 2)

1.9

Allowable Area per Student:

188.4

Reimbursable Building Area

579

188.4

109,063

(inside face of exterior wall)

Add Exterior Walls (approx. 3%)

112,335

(outside face of exterior wall)

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# Space Distribution Benchmarks

- Benchmark Range
- Existing East Hampton NSF/Student
- Proposed Program

High School Benchmark Comparison (NSF per Student)



\*Calculations use projected enrollment of 577.

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# Programming: **Area Analysis**

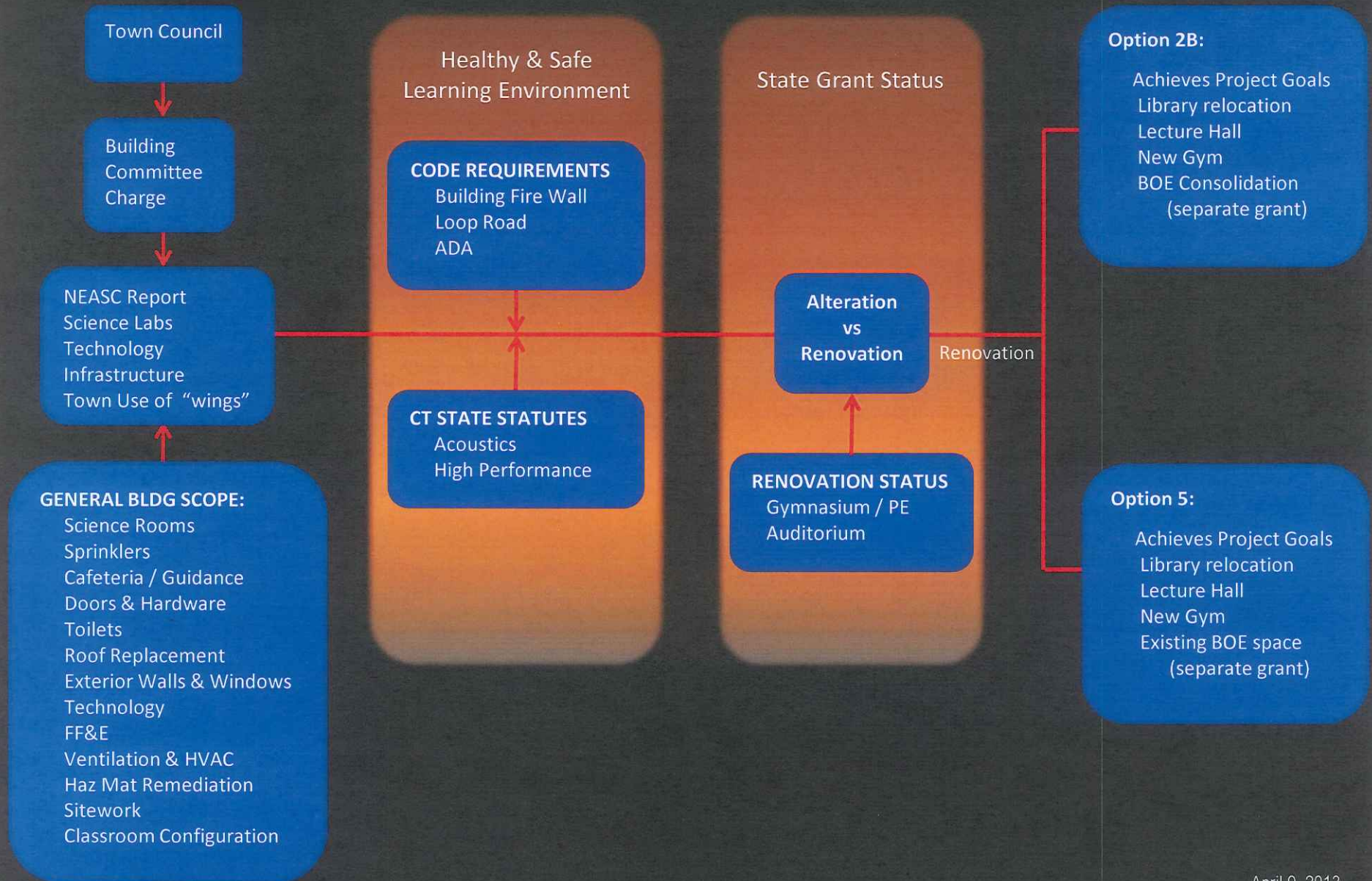
	Existing	Classroom Approach 1 12/20/12	Classroom Approach 2 12/20/12
Total Program Area:	<b>90,347 NSF</b>	<b>87,487 NSF</b>	<b>86,803 NSF</b>
Building Efficiency:	<b>70%</b>	66%	67%
Option differences:	<ul style="list-style-type: none"> <li>- <b>Mix of room sizes</b></li> <li>- <b>One CR for every teacher</b></li> </ul>	<ul style="list-style-type: none"> <li>- Provide full sized CLabs</li> <li>- Provide common sized CR</li> <li>- Reduce Eng, Math, SS by one classroom each</li> <li>- Provide a Faculty Workroom</li> <li>- Upgrade Core Facilities</li> </ul>	<ul style="list-style-type: none"> <li>- Provide full sized Clabs</li> <li>- Provide mix of CR sizes</li> <li>- One CR for every teacher</li> <li>- No Faculty Workroom</li> <li>- Upgrade Core Facilities</li> </ul>

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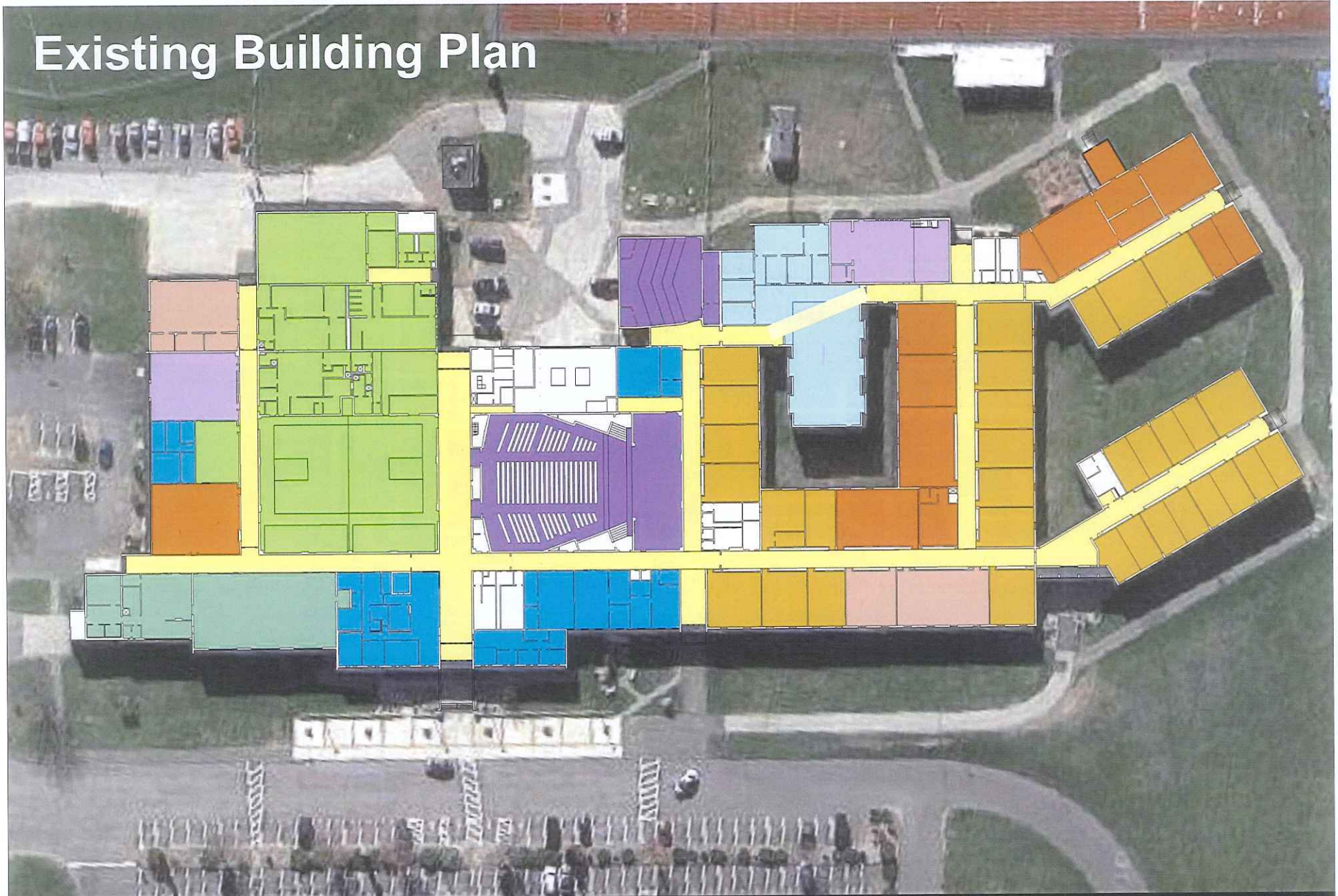
# Project Scope Chart



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# Existing Building Plan



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# Proposed Plans

Concept Plan 1



Concept Plan 2B



Concept Plan 2



Concept Plan 3



Concept Plan 2A



Concept Plan 4



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# Proposed Plan

# Concept 2B



- New Science Labs
- Improves Circulation
- Removes "Dead End" wings
- Centralizes Public Spaces
- New Gym w/ x courts, HC seating, new lockers
- Resizes spaces to meet new Program
- Consolidates BOE space from offsite



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# Proposed Site Plan

## Concept 2B



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# Proposed Site Plan

## Concept 5



- New Science Labs
- Improves Circulation
- Removes "Dead End" wings
- Centralizes Public Spaces
- New Gym w/ x courts, HC seating, new lockers
- Resizes spaces to meet new Program
- Includes only existing BOE space

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# Entry Courtyard with Science Wing Beyond



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# View of Entry Courtyard



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# Renovated Main Entrance



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# Aerial View



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