

# Concord-Carlisle Regional High School



Meeting #6

May 25, 2011

omr architects

# Agenda

Work Plan

Review Options

Next Steps

# CCHS Feasibility Study Work Plan

- Groundwork**
- Prepare contract
  - Obtain and review all available/ pertinent documents
  - Prepare schedule and work plan
  - Review existing conditions information
  - Attend Site Based Committee Meeting
  - Conduct User Group meetings and Prepare Space Summary

## Meeting # 1 Goals, Values and Space Summary

3/09/11

### Objectives

- Review schedule and process
- Review goals, values
- Review proposed space summary

### Follow-up

- Site walk thru with Engineers and Facilities Manager
- Submit draft space summary to MSBA for initial review
- Meet with MSBA for kickoff meeting
- Prepare Preliminary Alternative concepts

## Meeting # 2 Vision, Space Summary and Preliminary Alternatives Concepts

3/23/11

### Objectives

- Review Educational Vision, goals and values
- Review Preliminary Alternative Concepts
- Approve Initial Space Summary and PDP

### Follow-up

- Complete Preliminary Design Program Submittal for MSBA
- Meet with MSBA
- Develop Preliminary Alternatives

## Meeting # 3 Sustainability Goals

4/06/11

### Objectives

- Discuss sustainability goals and net zero options with team

### Follow-up

- Develop Preliminary Evaluation of Proposed Alternatives

## Meeting # 4 Preliminary Evaluation of Proposed Alternatives

4/13/11

### Objectives

- Review Preliminary Evaluation of Proposed Alternatives

### Follow-up

- Submit Preliminary Alternatives to MSBA for initial review
- Meet with MSBA
- Develop Final Evaluation of Selected Alternatives

## Meeting # 5 Finalize Preliminary Alternatives

5/04/11

### Objectives

- Review and Approve Preliminary Alternative(s)

### Follow-up

- Prepare Final Evaluation of Alternatives

## Meeting # 6 Final Evaluation of Alternatives

5/25/11

### Objectives

- Review Final Evaluation of Alternatives
- Confirm Preferred Solution

### Follow-up

- Prepare Preferred Schematic Report

## Meeting # 7 Preferred Schematic Report

6/08/11

### Objectives

- Review and Approve Preferred Schematic Report

### Follow-up

- Submit Preferred Schematic Report to MSBA
- MSBA Facilities Assessment Subcommittee and BOD Vote



# Evaluation Matrices

Legend	Addition & Renovation Options		All New Construction Options
	4	6R1	12R
	Major Renovation Major Additions (Keep 'A', 'H', and Cafe.)	Minor Renovation Major Additions (Keep 'A' and Cafe.)	New Building (1 Step)
DURATION	46 months	44 Months	32 Months
COST	98.3 Million	97.7 Million	91.1 Million
Cost Effective/ Value	1.27	1.88	4
Educational Program Needs	1.77	2.66	3.55
Building Transformation	1.54	3.11	3.66
Expandability	1.71	2.66	3.16
<b>Project and Product Goals :</b>			
- <b>COMMUNITY VALUES:</b> Model and reflect our Communities' values with a design that fosters civic pride and environmental stewardship, and garners social, financial and political support	1.49	2.5	3.66
- <b>RESPONSIBLE DESIGN:</b> Develop a project which is fiscally, academically, environmentally and socially responsible	1.49	2.7	3.77
- <b>FLEXIBLE/ ADAPTABLE:</b> Design a facility which is flexible, adaptable, affordable and achievable	1.38	2.6	3.55
- <b>MAINTAINABILITY:</b> Create a facility that is fully accessible, highly functional, cost effective, high performing, durable, and easy to maintain	1.71	2.9	3.83
- <b>COMMUNITY USE:</b> Plan for a fully integrated campus that promotes 21st century learning, educational excellence, high performance and shared intergenerational community and recreational use	1.77	3.16	3.83
- <b>COMMUNITY SUPPORT:</b> Actively engage our communities in this ongoing and exciting opportunity for teaching and learning	1.88	2.72	3.72
- <b>CAMPUS INTEGRATION:</b> Holistically integrate all campus elements into a practical and inspiring new and transformed CCHS	1.43	3.11	3.72
- <b>SECURE CAMPUS:</b> Create a campus which is safe and secure	2.16	2.9	3.61
- <b>21ST CENTURY PROGRAMMATIC SPACE:</b> Provide state-of-the-art facilities with the full and appropriate array of formal and informal learning, gathering, and performance spaces	1.93	3.38	3.84
- <b>SUSTAINABILITY:</b> Provide state-of-the-art building systems in an environment with an abundance of natural light, clean healthy air, and practical, sustainable and high performance design strategies	1.71	3.16	3.88
- <b>EFFICIENT/LOGICAL ORGANIZATION:</b> Develop intuitively clear, logical and efficient organizational and circulation patterns	1.83	3.11	3.77
- <b>24/7 Community Use:</b> Build an inspiring and engaging center for "24/7" community use	1.83	3.11	3.66
- <b>MINIMAL PHASING DISRUPTION:</b> Minimize the impact of the design and construction on the students, teachers, parents, neighbors and the greater community	1.27	1.61	4

<b>Subtotal</b>	<b>4</b>	<b>6R1</b>	<b>12R</b>
	28.17	47.27	63.21
<b>Total Average</b>	<b>1.56</b>	<b>2.62</b>	<b>3.51</b>

# Evaluation Matrices

**Ranking:**  
 4- Highly Advantageous  
 3- Advantageous  
 2- Satisfactory  
 1- Poor

Name (optional) \_\_\_\_\_

Date 4-May-11 \_\_\_\_\_

Options	Completed Project = 80%					Construction Phase = 20%		TOTAL
	Cost Efficiency (hard/soft and total cost)	Fulfills Program Needs	Operations & Maintenance Costs	Quality of Design at Completion	Implementation of Sustainability	Minimum Impact to Ed Program during Const	Risk to Const Schedule/Risk to Ed Program	
	30%	10%	10%	20%	10%	10%	10%	100%
<b>Option 9</b>								
<b>Option 10</b>								
<b>Option 12R1</b>								
<b>Option 12R1 (PDP option 9-10)</b>	<b>3.93</b>	<b>3.79</b>	<b>3.87</b>	<b>3.75</b>	<b>3.84</b>	<b>3.94</b>	<b>3.91</b>	<b>3.84</b>
Committee member 1	4	4	4	4	4	4	4	4.00
Committee member 2	4	4	4	4	4	4	4	4.00
Committee member 3	4	4	4	4	4	4	4	4.00
Committee member 4	3.75	4	3.75	4	3.75	4	3.5	3.83
Committee member 5	4	4	4	4	4	4	4	4.00
Committee member 6	4	4	4	4	4	4	4	4.00
Committee member 7	4	3	4	3	4	4	4	3.70
Committee member 8	4	4	4	4	4	4	4	4.00
Committee member 9	4	4	4	4	4	4	4	4.00
Committee member 10	3	3	3	2	3	3	3	2.80
Committee member 11	4	4	4	4	4	4	4	4.00
Committee member 12	4	4	4	4	0	4	4	3.60
Committee member 13	4	3	4	4	4	4	4	3.90
Committee member 14	4	4	4	4	4	4	4	4.00
Committee member 15	4	3.5	4	3.75	3.75	4	4	3.88
Committee member 16	4	4	3	3	3	4	4	3.60
Committee member 17	4	4	4	4	4	4	4	4.00
<b>Option 6</b>								
<b>Option 6R1</b>								
<b>Option 6R1 (PDP option 6)</b>	<b>2.47</b>	<b>3.34</b>	<b>2.84</b>	<b>3.37</b>	<b>3.23</b>	<b>1.76</b>	<b>2.18</b>	<b>2.73</b>
Committee member 1	1	4	4	4	4	1	1	2.50
Committee member 2	2	4	3	3	4	1	1	2.50
Committee member 3	3	4	2	4	3	2	2	3.00
Committee member 4	3	4	3	4	3.75	3	2.5	3.33
Committee member 5	2	3	3	4	3	1	2	2.60
Committee member 6	3	4	3	4	3	2	3	3.20
Committee member 7	3	4	3	4	4	2	2	3.20
Committee member 8	2	3	3	3	3	1	2	2.40
Committee member 9	3	4	3	3	4	2	2	3.20
Committee member 10	3	2	3	2	3	2	3	2.60
Committee member 11	3	3	3	2	3	3	3	2.80
Committee member 12	3	3.5	3	3.5	0	1.5	3	2.70
Committee member 13	3	3	3	4	3	2	2	3.00
Committee member 14	1	3	2	3	3	1	3	2.10
Committee member 15	3	3.25	3.25	3.75	3	2.5	2.5	3.10
Committee member 16	2	3	2	3	3	2	2	2.40
Committee member 17	2	2	2	2	2	1	1	1.80
<b>Option 4</b>								
<b>Option 4</b>	<b>1.41</b>	<b>2.04</b>	<b>1.76</b>	<b>1.75</b>	<b>1.78</b>	<b>1.24</b>	<b>1.21</b>	<b>1.57</b>
Committee member 1	1	2	2	2	2	1	1	1.50
Committee member 2	2	3	2	2	3	1	1	2.00
Committee member 3	1	3	1	3	2	1	1	1.70
Committee member 4	2	2	2	1	2	2	1	1.70
Committee member 5	2	2	2	2	3	1	2	2.00
Committee member 6	2	3	2	3	2	1	2	2.20
Committee member 7	1	1	2	1	1	1	1	1.10
Committee member 8	1	2	2	2	2	1	1	1.50
Committee member 9	1	3	2	2	1	1	1	1.50
Committee member 10	1	1	1	1	1	1	1	1.00
Committee member 11	1	2	2	2	1	2	1	1.50
Committee member 12	1	1	1	1	0	1	1	0.90
Committee member 13	2	2	2	1	2	1	1	1.60
Committee member 14	1	2	1	1	1	1	1	1.10
Committee member 15	2	2.75	3	2.75	2.5	3	2.5	2.53
Committee member 16	2	2	2	2	2	1	1	1.80
Committee member 17	1	1	1	1	1	1	1	1.00

**12R**  
**3.84**

**6R1**  
**2.73**

**4**  
**1.57**



# Option 12R1: Ground Floor Plan





# Option 12R1: Lower Floor Plan





# Option 12R1: 2<sup>nd</sup> Floor Plan

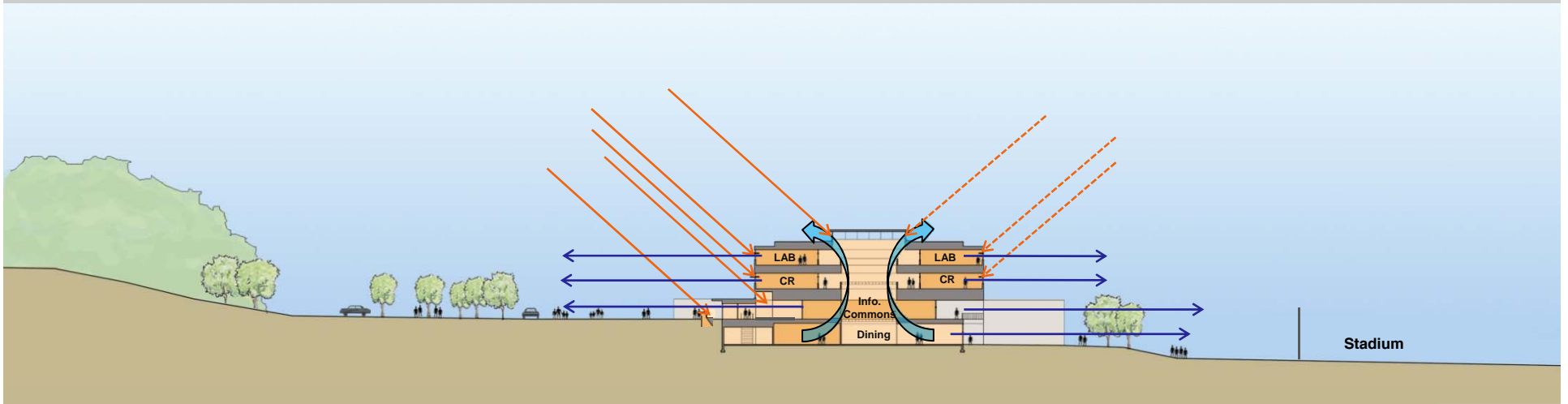




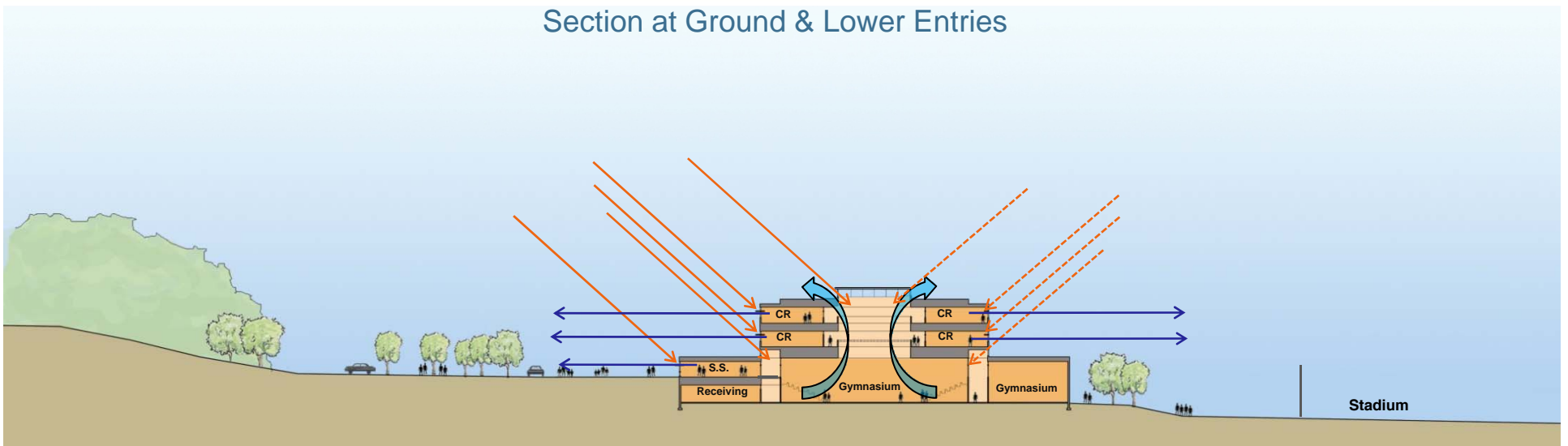
# Option 12R1: 3<sup>rd</sup> Floor Plan



# Option 12R: Conceptual Sections



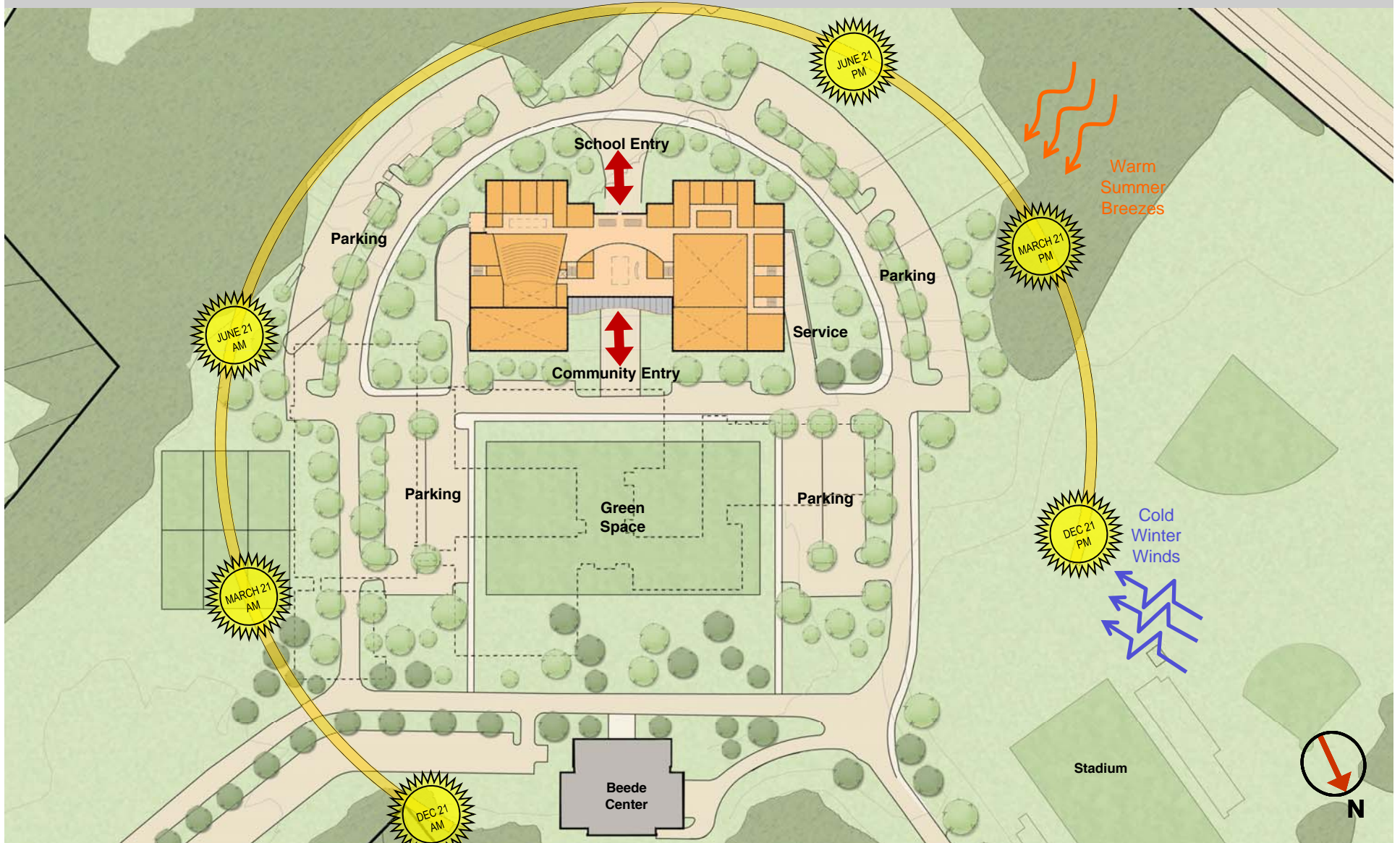
Section at Ground & Lower Entries



Section at Gymnasium



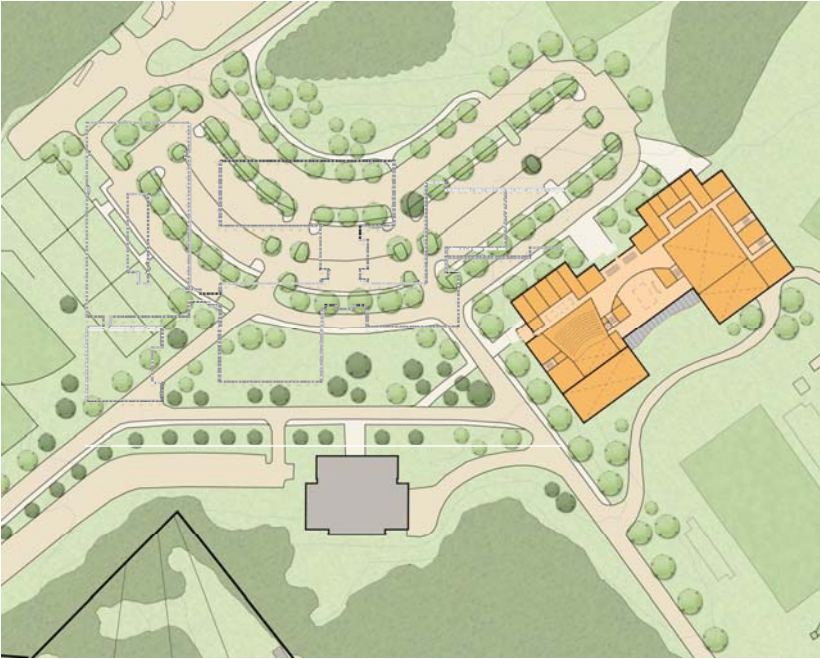
# Option 13



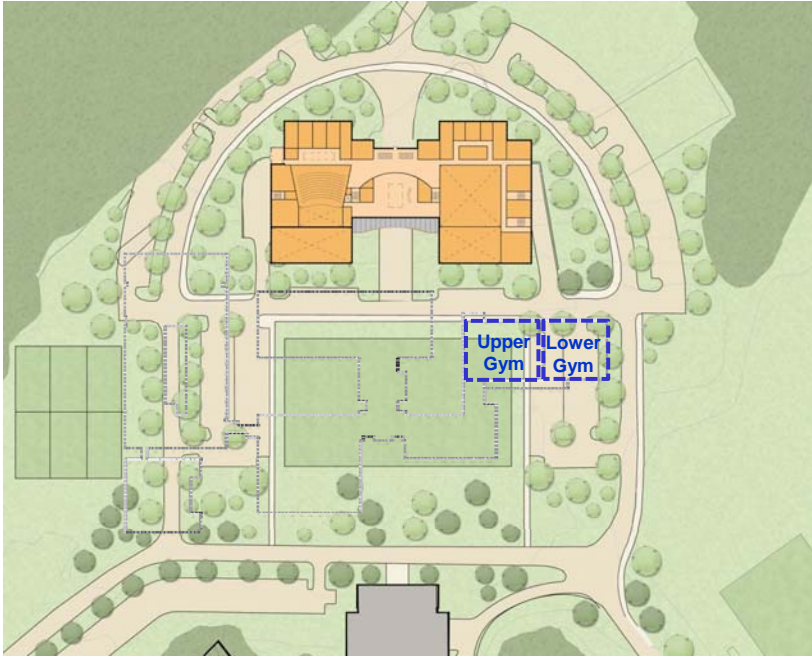
25 May 2011



# Summary



Option 12R1



Option 13



## Next Steps

### SBC Meeting #7, June 8, 2011

- Approve Space Summary
- Approve Preferred Schematic Report