



# BELMONT HIGH SCHOOL

BUILDING COMMITTEE MEETING

# AGENDA

**01 / Building Matrix**

**02 / Site and Building Strategies**

**03 / Evaluation Matrix**

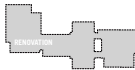
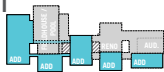




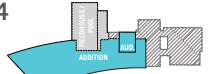

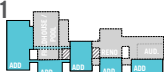
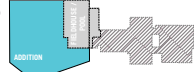



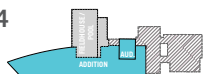

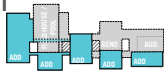



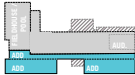
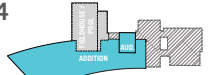

An aerial photograph of Belmont High School, a large, modern building with a complex, multi-winged roof. The school is surrounded by a dense forest of trees. In the foreground, there is a parking lot and a road with a crosswalk. The entire image is overlaid with a semi-transparent blue filter.

# 01/ BUILDING MATRIX

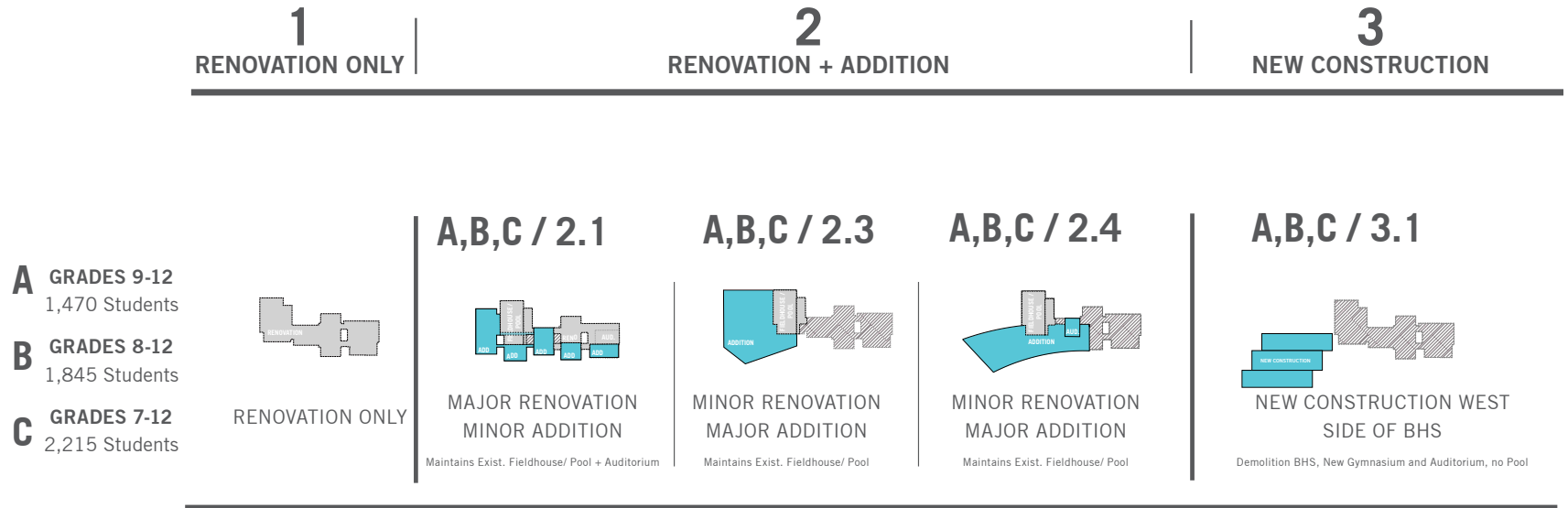
BELMONT HIGH SCHOOL

# PROPOSED BUILDING CONFIGURATION MATRIX

## A GRADES 9-12 1,470 Students

1 RENOVATION ONLY	2 RENOVATION + ADDITION			3 NEW CONSTRUCTION
 <p>258,840 SF / EXISTING 310,000 SF+ / PROPOSED No educational capacity compliance</p>	<b>A.2.1</b>  <p>MAJOR RENOVATION MINOR ADDITION Maintains Exist. Fieldhouse/ Pool + Auditorium</p>	<b>A.2.3</b>  <p>MINOR RENOVATION MAJOR ADDITION Maintains Exist. Fieldhouse/ Pool</p>	<b>A.2.5</b>  <p>MINOR RENOVATION MAJOR ADDITION Maintains Exist. Fieldhouse/ Pool + Auditorium</p>	<b>A.3.1</b>  <p>NEW CONSTRUCTION WEST SIDE OF BHS Demolition BHS, New Gymnasium and Auditorium, no Pool</p>
	<b>A.2.2</b>  <p>MINOR RENOVATION MAJOR ADDITION Maintains Exist. Fieldhouse/ Pool + Auditorium</p>	<b>A.2.4</b>  <p>MINOR RENOVATION MAJOR ADDITION Maintains Exist. Fieldhouse/ Pool</p>	<b>A.3.2</b>  <p>NEW CONSTRUCTION WEST SIDE OF TRACK / FIELD Demolition BHS, New Gymnasium and Auditorium, no Pool</p>	
<b>B GRADES 8-12 1,845 Students</b>	<b>B.2.1</b>  <p>MAJOR RENOVATION MINOR ADDITION Maintains Exist. Fieldhouse/ Pool + Auditorium</p>	<b>B.2.3</b>  <p>MINOR RENOVATION MAJOR ADDITION Maintains Exist. Fieldhouse/ Pool</p>	<b>B.2.5</b>  <p>MINOR RENOVATION MAJOR ADDITION Maintains Exist. Fieldhouse/ Pool + Auditorium</p>	<b>B.3.1</b>  <p>NEW CONSTRUCTION WEST SIDE OF BHS Demolition BHS, New Gymnasium and Auditorium, no Pool</p>
	<b>B.2.2</b>  <p>MINOR RENOVATION MAJOR ADDITION Maintains Exist. Fieldhouse/ Pool + Auditorium</p>	<b>B.2.4</b>  <p>MINOR RENOVATION MAJOR ADDITION Maintains Exist. Fieldhouse/ Pool</p>	<b>B.3.2</b>  <p>NEW CONSTRUCTION WEST SIDE OF TRACK / FIELD Demolition BHS, New Gymnasium and Auditorium, no Pool</p>	
<b>C GRADES 7-12 2,215 Students</b>	<b>C.2.1</b>  <p>MAJOR RENOVATION MINOR ADDITION Maintains Exist. Fieldhouse/ Pool + Auditorium</p>	<b>C.2.3</b>  <p>MINOR RENOVATION MAJOR ADDITION Maintains Exist. Fieldhouse/ Pool</p>	<b>C.2.5</b>  <p>MINOR RENOVATION MAJOR ADDITION Maintains Exist. Fieldhouse/ Pool + Auditorium</p>	<b>C.3.1</b>  <p>NEW CONSTRUCTION WEST SIDE OF BHS Demolition BHS, New Gymnasium and Auditorium, no Pool</p>
	<b>C.2.2</b>  <p>MINOR RENOVATION MAJOR ADDITION Maintains Exist. Fieldhouse/ Pool + Auditorium</p>	<b>C.2.4</b>  <p>MINOR RENOVATION MAJOR ADDITION Maintains Exist. Fieldhouse/ Pool</p>	<b>C.3.2</b>  <p>NEW CONSTRUCTION WEST SIDE OF TRACK / FIELD Demolition BHS, New Gymnasium and Auditorium, no Pool</p>	

# REDUCED BUILDING CONFIGURATION MATRIX



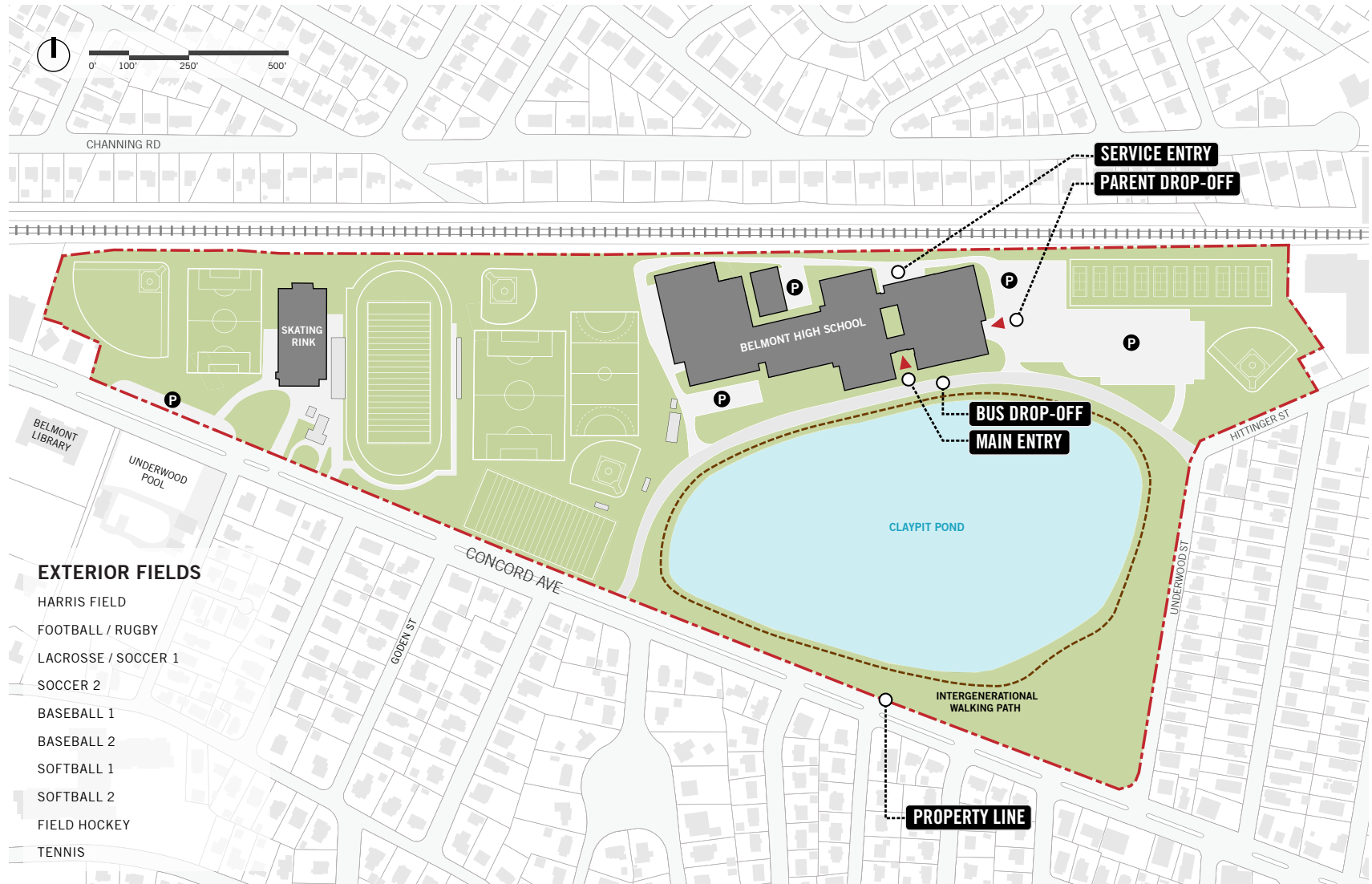


An aerial photograph of Belmont High School, showing the main building complex, a parking lot, and surrounding trees. The image is overlaid with a semi-transparent blue filter. The text '02/ SITE AND BUILDING STRATEGIES' is prominently displayed in the center-left area.

## 02/ SITE AND BUILDING STRATEGIES

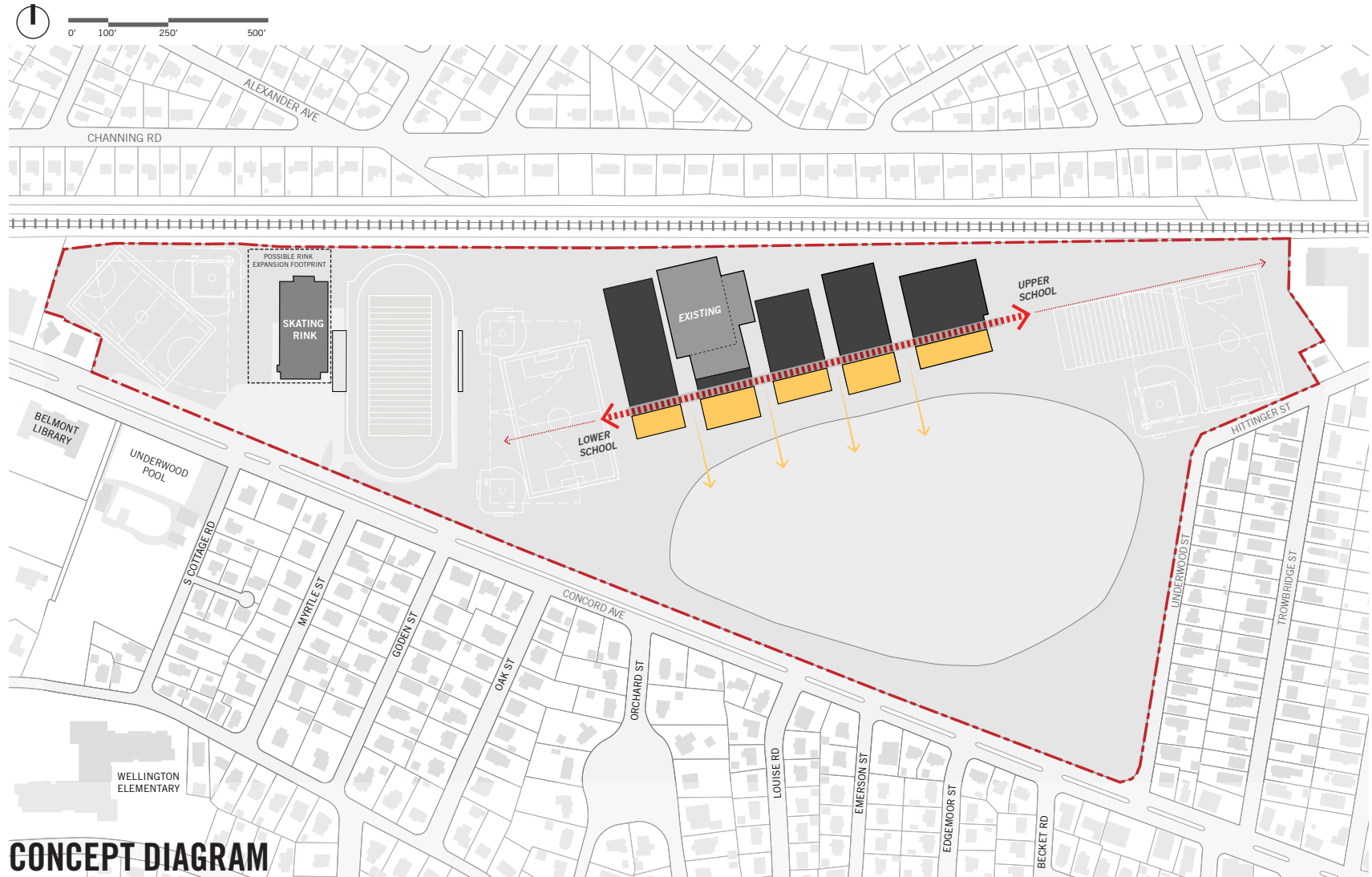
BELMONT HIGH SCHOOL

# RENOVATION / SYSTEM UPGRADES ONLY



# RENOVATION AND ADDITION / C.2.1 GRADES 7-12

3 Stories with Construction Over Existing





# RENOVATION AND ADDITION / C.2.1 GRADES 7-12

3 Stories with Construction Over Existing

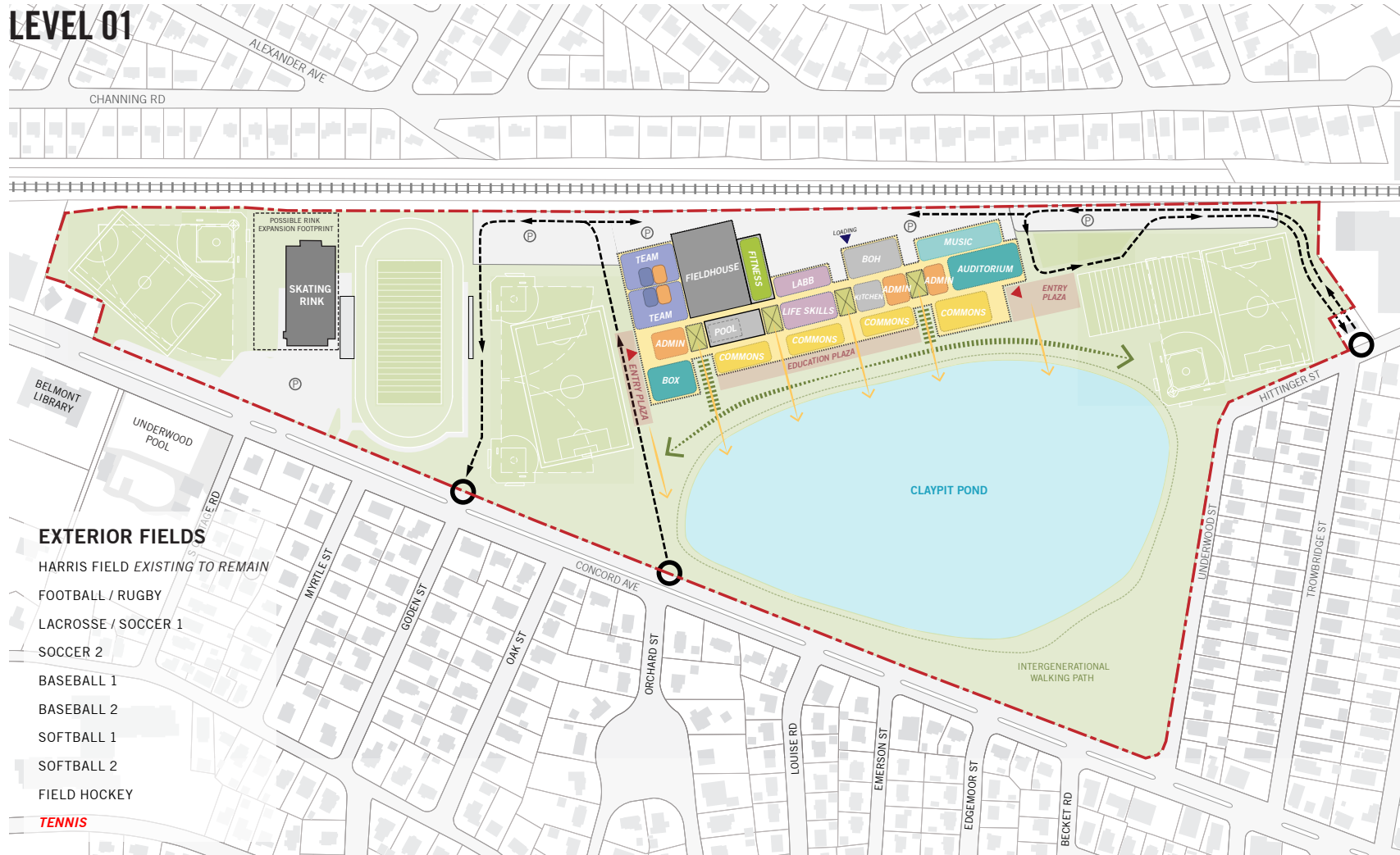


# RENOVATION AND ADDITION / C.2.1 GRADES 7-12

3 Stories with Construction Over Existing

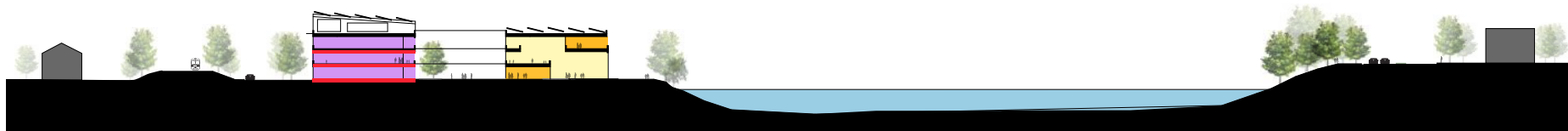


## LEVEL 01



# RENOVATION AND ADDITION / C.2.1 GRADES 7-12

3 Stories with Construction Over Existing



## BUILDING SECTION

# RENOVATION AND ADDITION / C.2.1 GRADES 7-12

3 Stories with Construction Over Existing

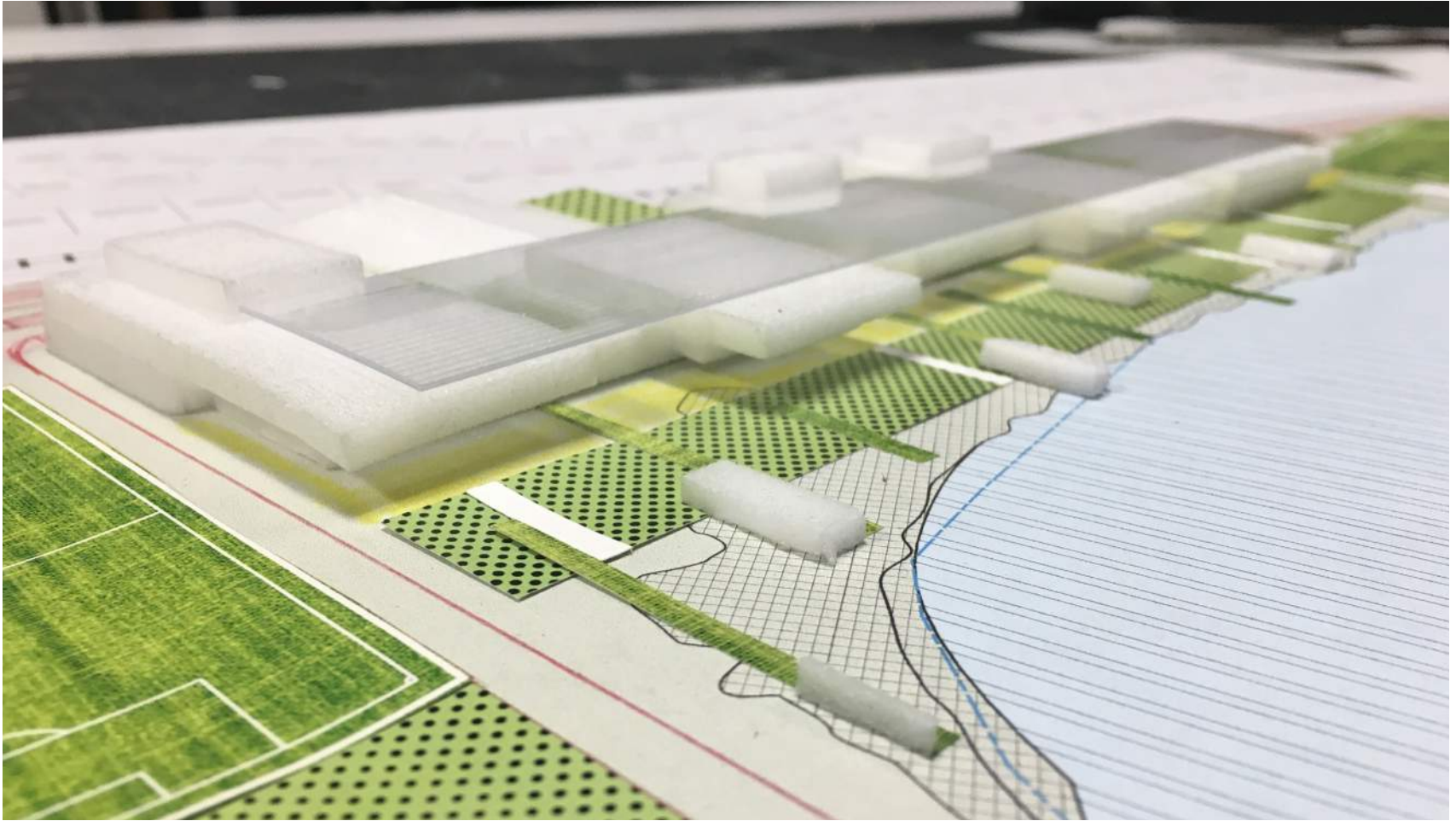


CONCEPT MODEL



## RENOVATION AND ADDITION / C.2.1 GRADES 7-12

3 Stories with Construction Over Existing / Concept Model

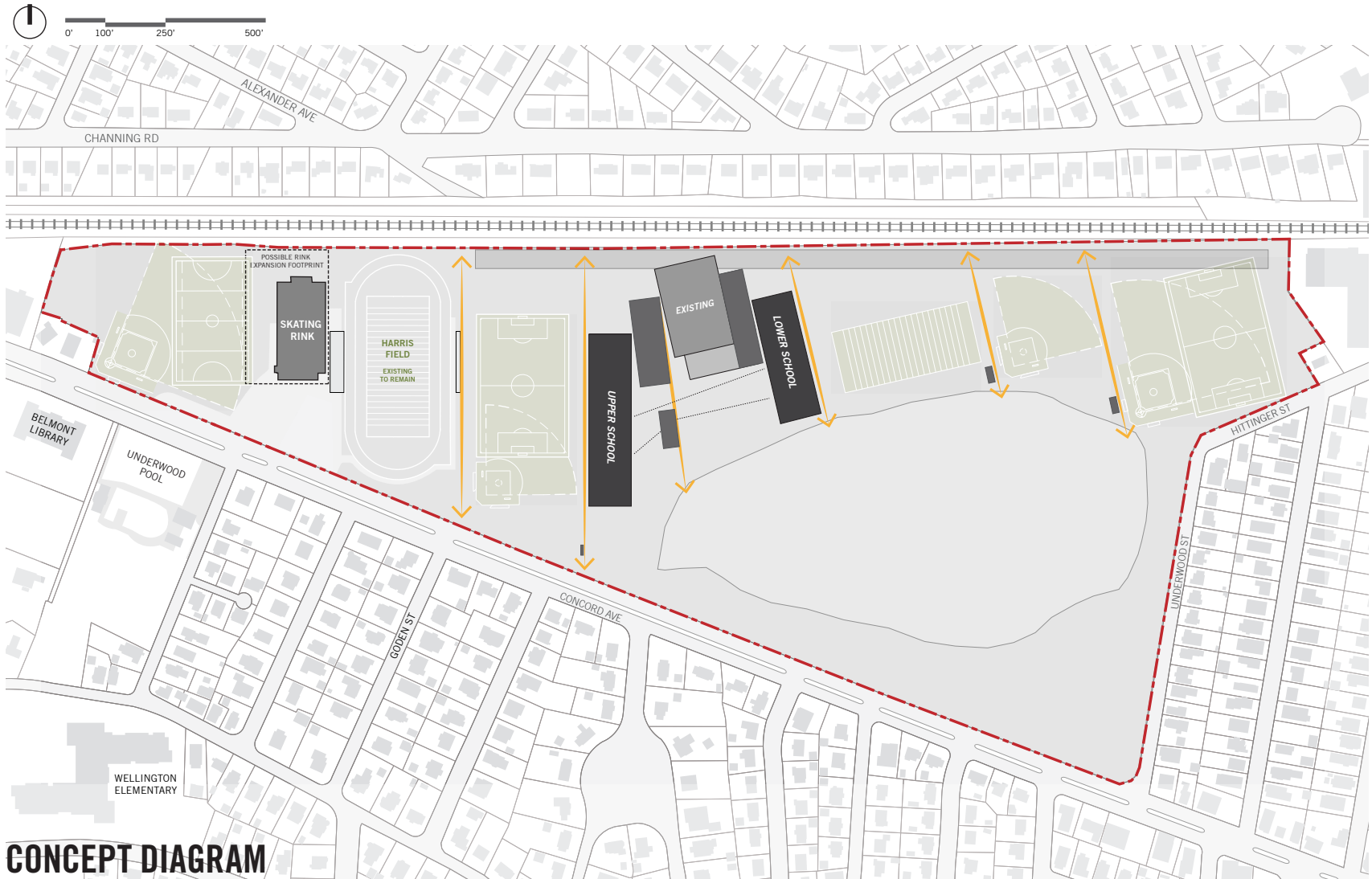


**CONCEPT MODEL**



# RENOVATION AND ADDITION / C.2.3 GRADES 7-12

4 Stories with Phased Integration of 7-8



**CONCEPT DIAGRAM**

## 4 Stories with Phased Integration of 7-8

## UPPER LEVEL



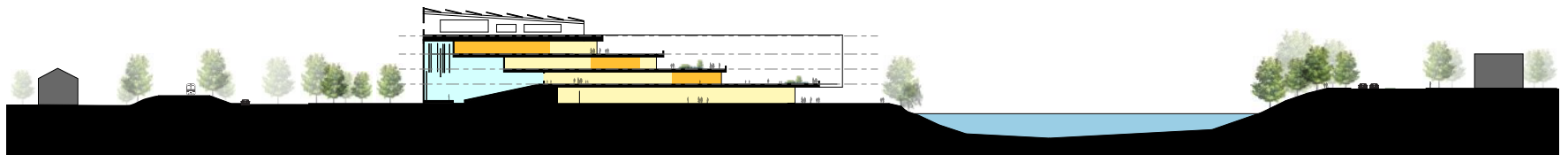
# RENOVATION AND ADDITION / C.2.3 GRADES 7-12

4 Stories with Phased Integration of 7-8



# RENOVATION AND ADDITION / C.2.3 GRADES 7-12

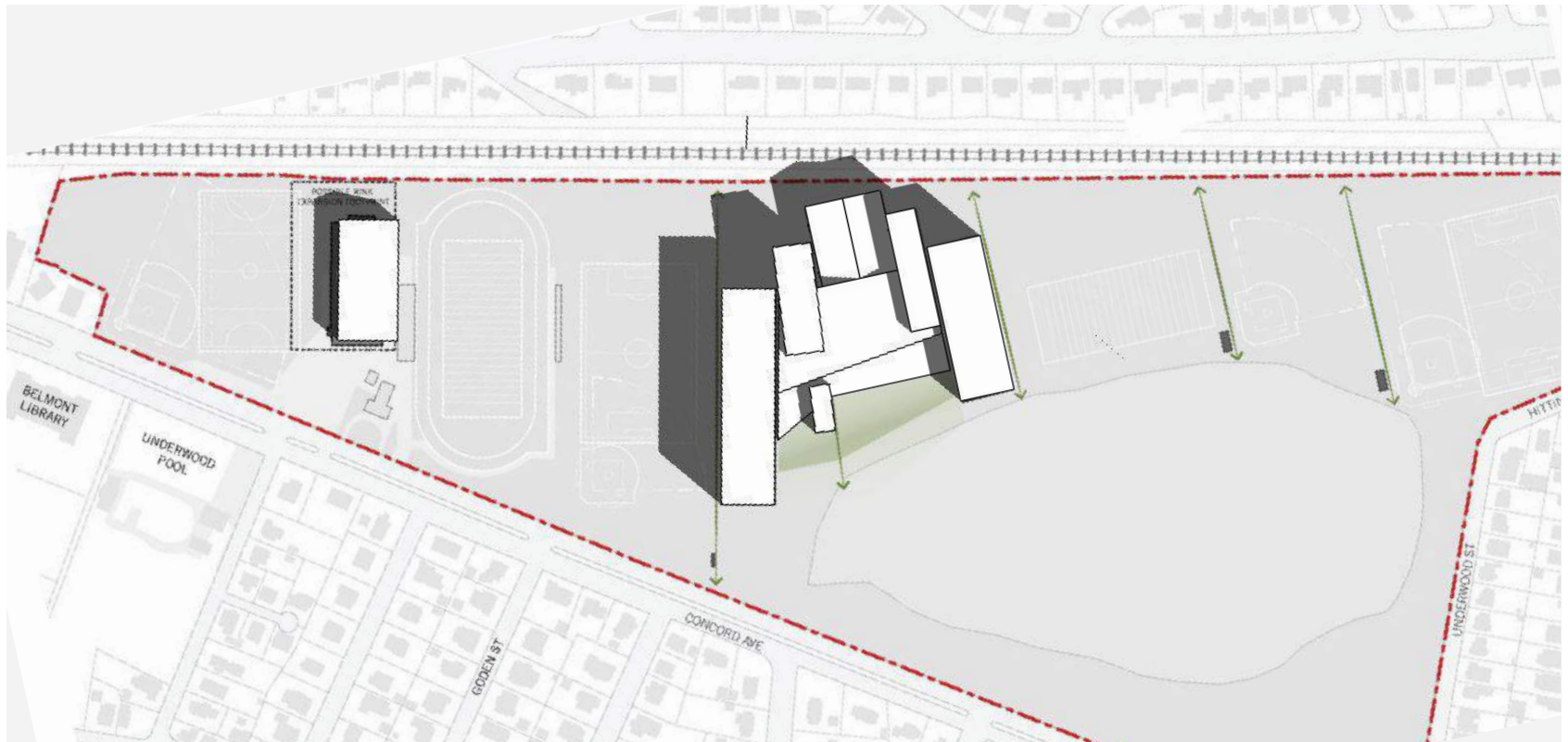
4 Stories with Phased Integration of 7-8



## BUILDING SECTION

# RENOVATION AND ADDITION / C.2.3 GRADES 7-12

Building Shadows: 11/16/17 9:00 AM





# RENOVATION AND ADDITION / C.2.3 GRADES 7-12

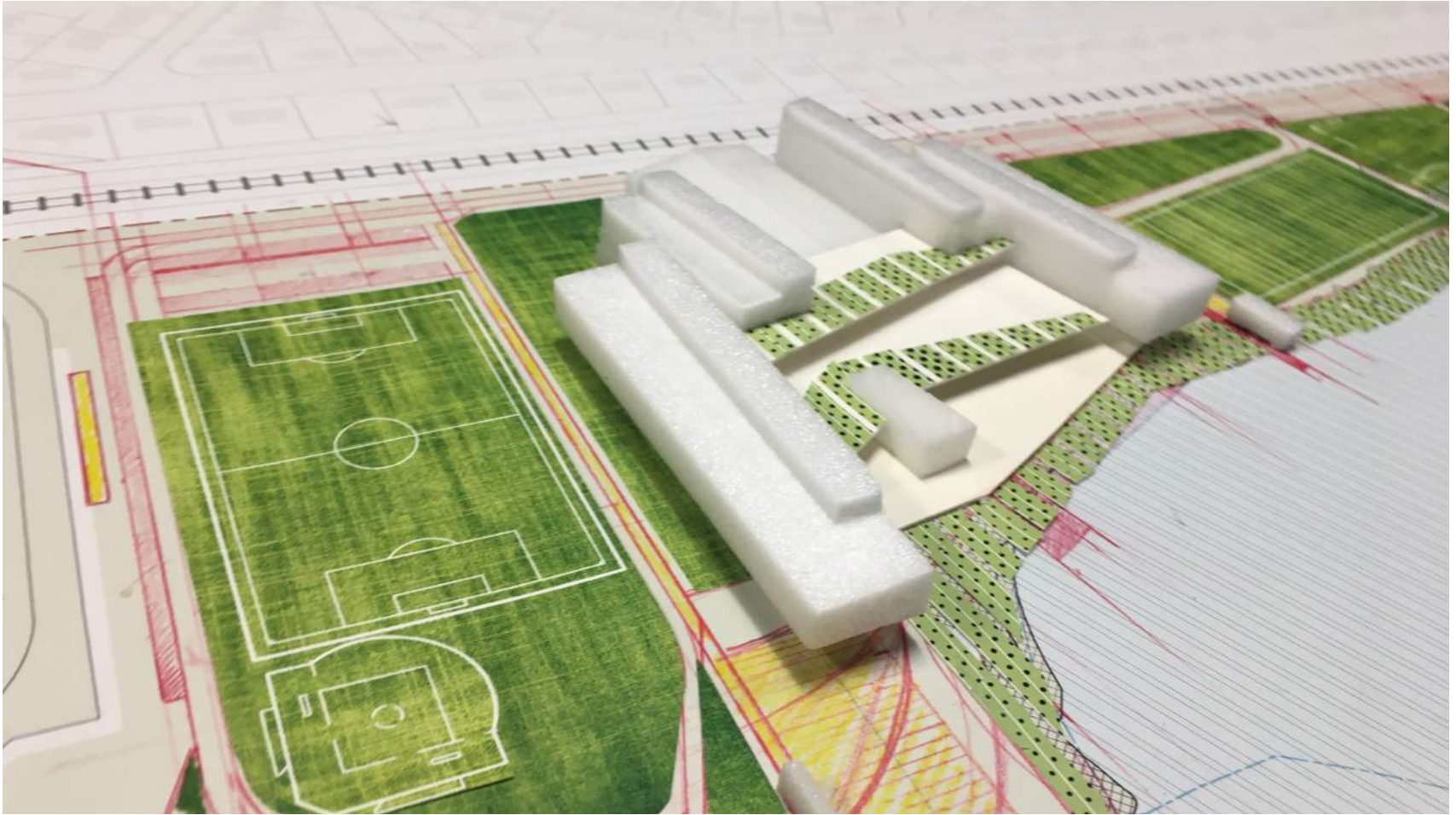
4 Stories with Phased Integration of 7-8



## CONCEPT MODEL

## RENOVATION AND ADDITION / C.2.3 GRADES 7-12

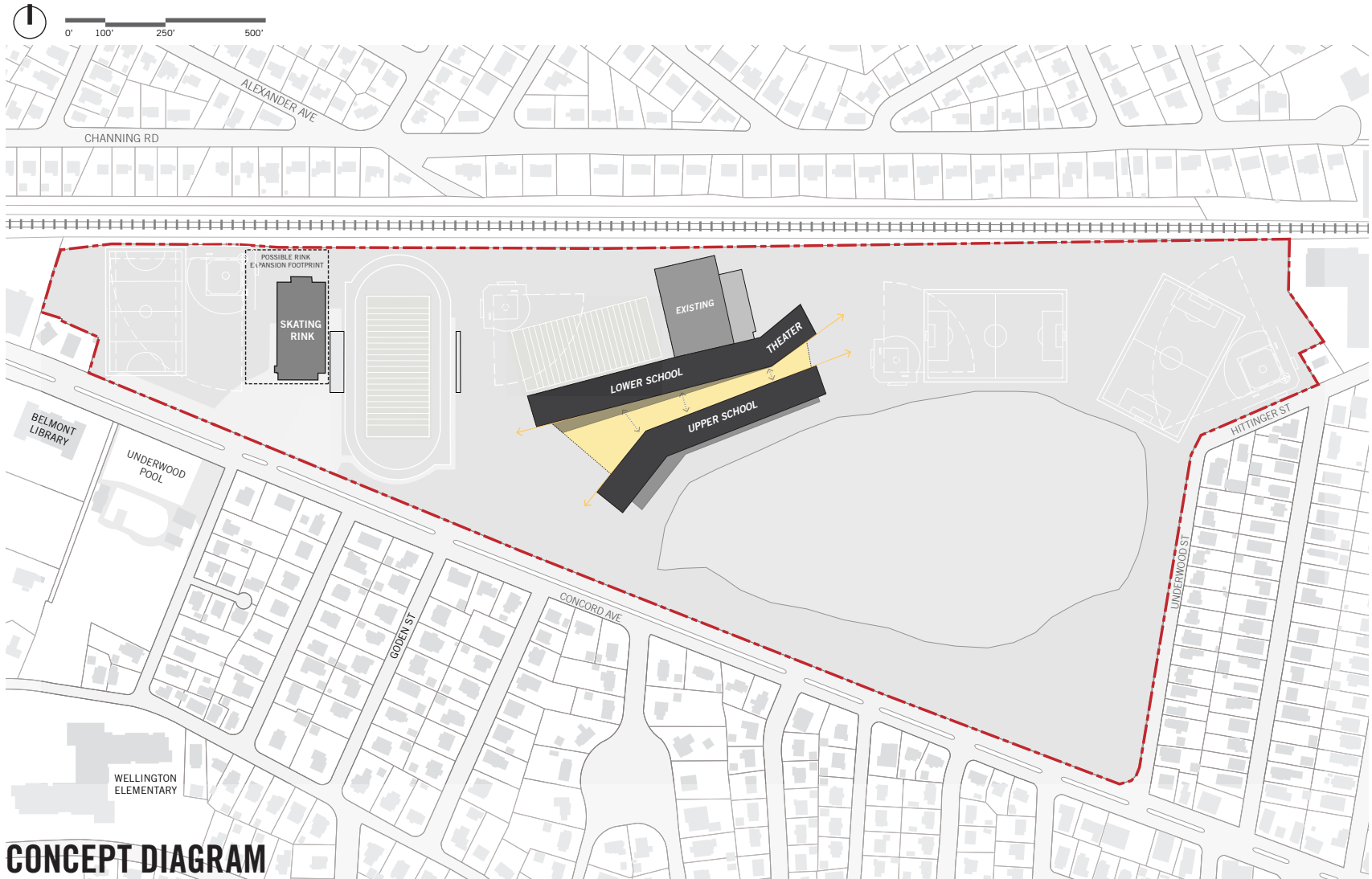
4 Stories with Phased Integration of 7-8



**CONCEPT MODEL**

# RENOVATION AND ADDITION / C.2.4 GRADES 7-12

4 Stories with Phased Integration of 7-8





## 4 Stories with Phased Integration of 7-8



# RENOVATION AND ADDITION / C.2.4 GRADES 7-12

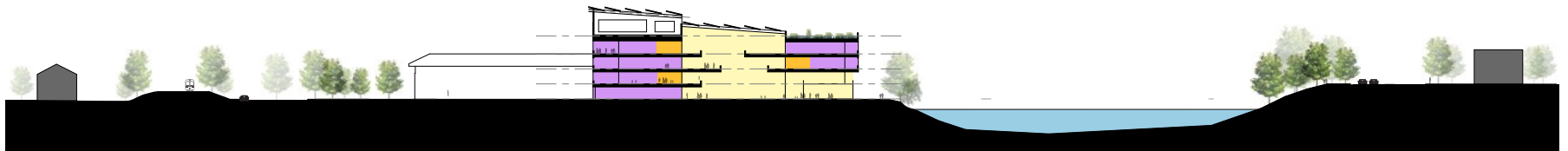
4 Stories with Phased Integration of 7-8





# RENOVATION AND ADDITION / C.2.4 GRADES 7-12

4 Stories with Phased Integration of 7-8



## BUILDING SECTION

# RENOVATION AND ADDITION / C.2.4 GRADES 7-12

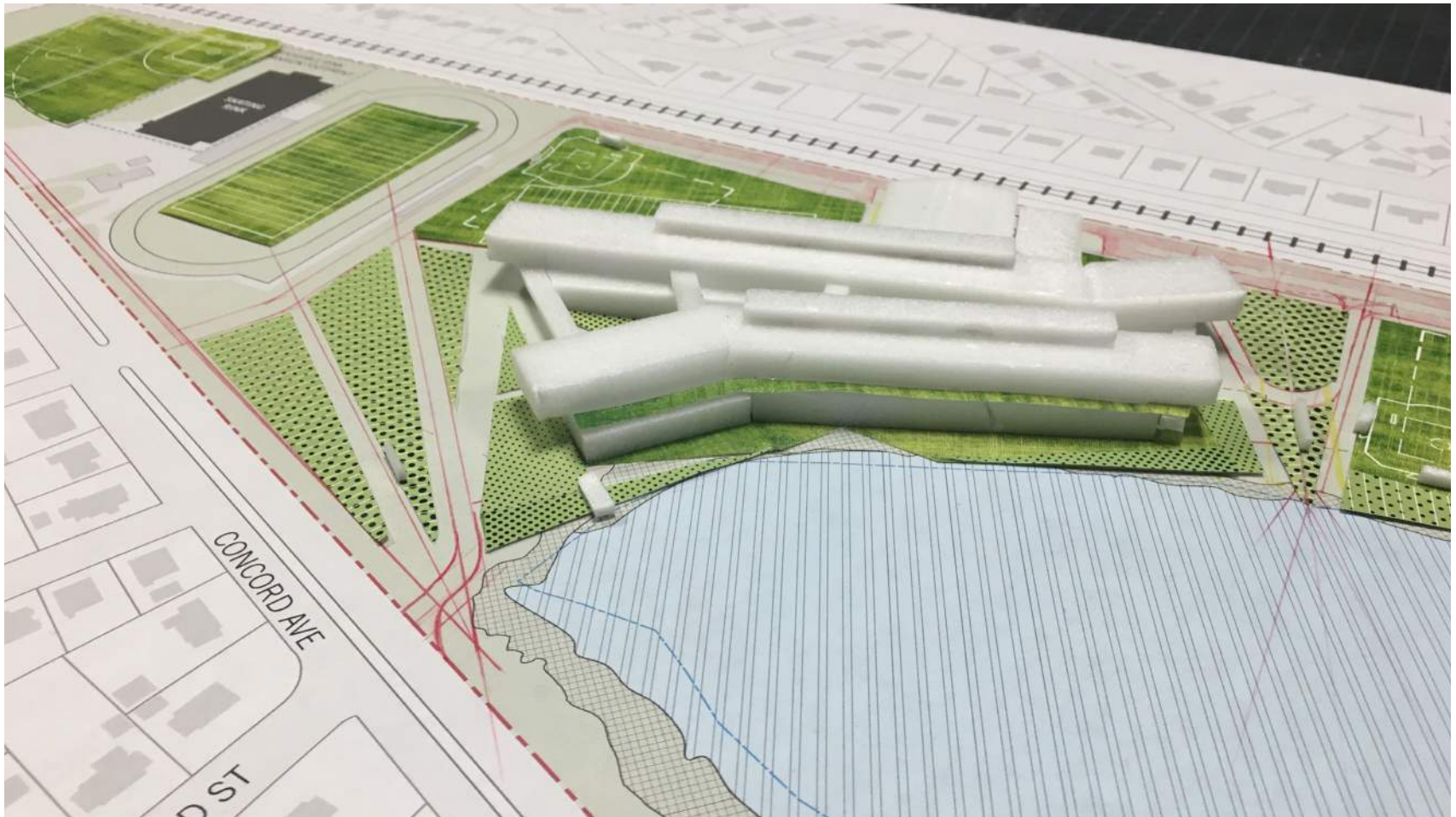
4 Stories with Phased Integration of 7-8



## CONCEPT MODEL

## RENOVATION AND ADDITION / C.2.4 GRADES 7-12

4 Stories with Phased Integration of 7-8



**CONCEPT MODEL**



# NEW CONSTRUCTION / C.3.1 GRADES 7-12

4 Stories No Phasing



**CONCEPT DIAGRAM**



# NEW CONSTRUCTION / C.3.1 GRADES 7-12

4 Stories No Phasing



# NEW CONSTRUCTION / C.3.1 GRADES 7-12

4 Stories No Phasing



LEVEL 01



## EXTERIOR FIELDS

HARRIS FIELD *EXISTING TO REMAIN*

FOOTBALL / RUGBY

LACROSSE / SOCCER 1

SOCCER 2

BASEBALL 1

BASEBALL 2

SOFTBALL 1

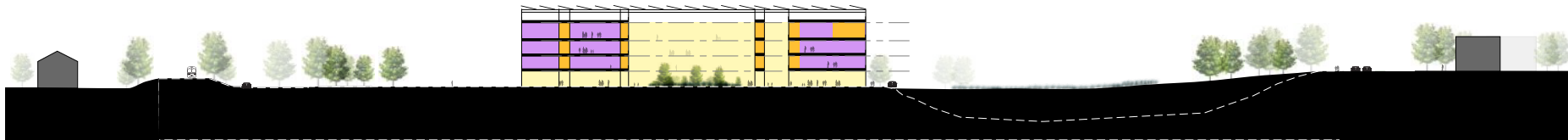
SOFTBALL 2

FIELD HOCKEY

**TENNIS**

# NEW CONSTRUCTION / C.3.1 GRADES 7-12

4 Stories No Phasing



## BUILDING SECTION

# NEW CONSTRUCTION / C.3.1 GRADES 7-12

4 Stories No Phasing

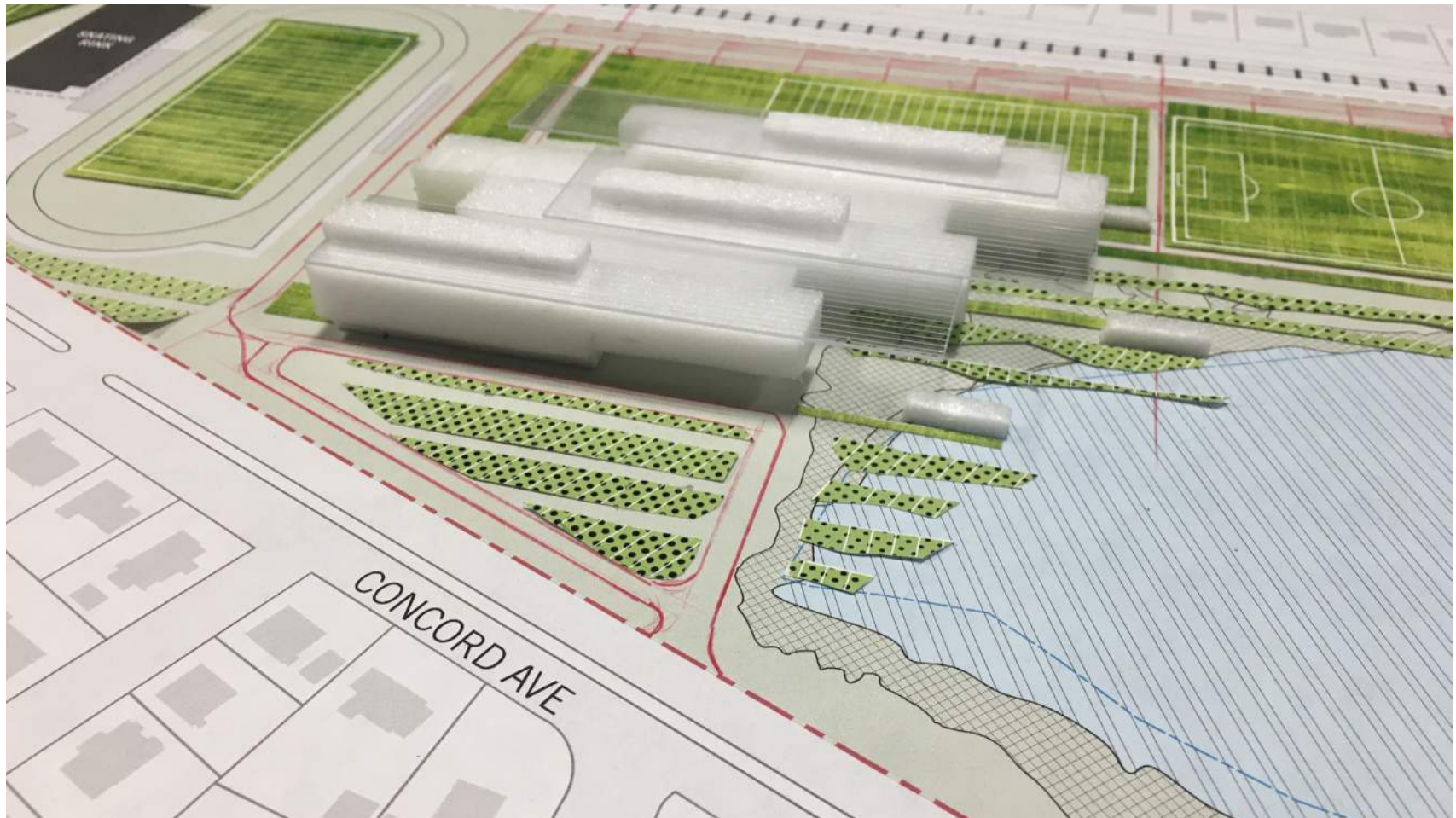


CONCEPT MODEL



## NEW CONSTRUCTION / C.3.1 GRADES 7-12

4 Stories No Phasing



**CONCEPT MODEL**

An aerial photograph of Belmont High School, a large, modern building with a complex, multi-winged roof. The school is surrounded by a dense forest of trees. In the foreground, there is a parking lot and a road with a crosswalk. The entire image is overlaid with a semi-transparent blue filter.

# 03/ EVALUATION MATRIX

BELMONT HIGH SCHOOL

# EVALUATION OF OPTIONS MATRIX

## OPTIONS

Compliance Factors														
1. Ed Program Compliance	2. Traffic/ Site Circulation	3. Parking	4. Neighborhood Impact/ Shadow	5. Design Flexibility	6. Site Access	7. Phasing Complexity	8. Fields Accommodation	9. Duration Schedule	10. Impact to Students Phasing	11. Sustainability	12. Civic Benefits	13. Permit/ Zoning	14. Rail Impact	Total
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- Fullfills expectations/ minimal impact(3)
- Neutral(2)
- Fails expectations/ significant impact(1)