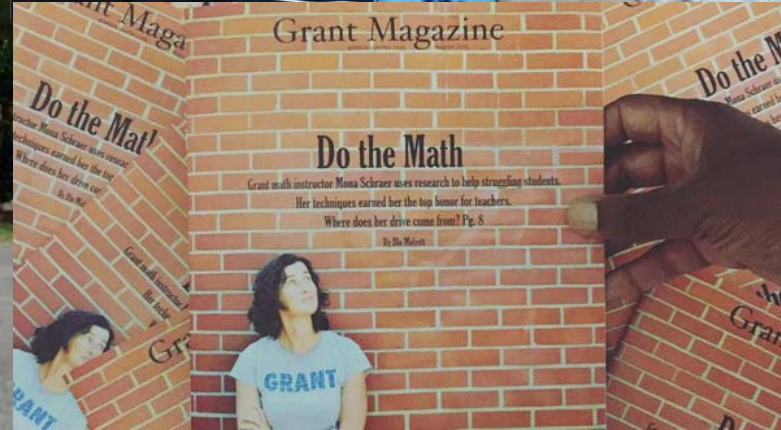


mahlum

Design Advisory Group Meeting 07  
Grant High School Modernization  
01.21.16



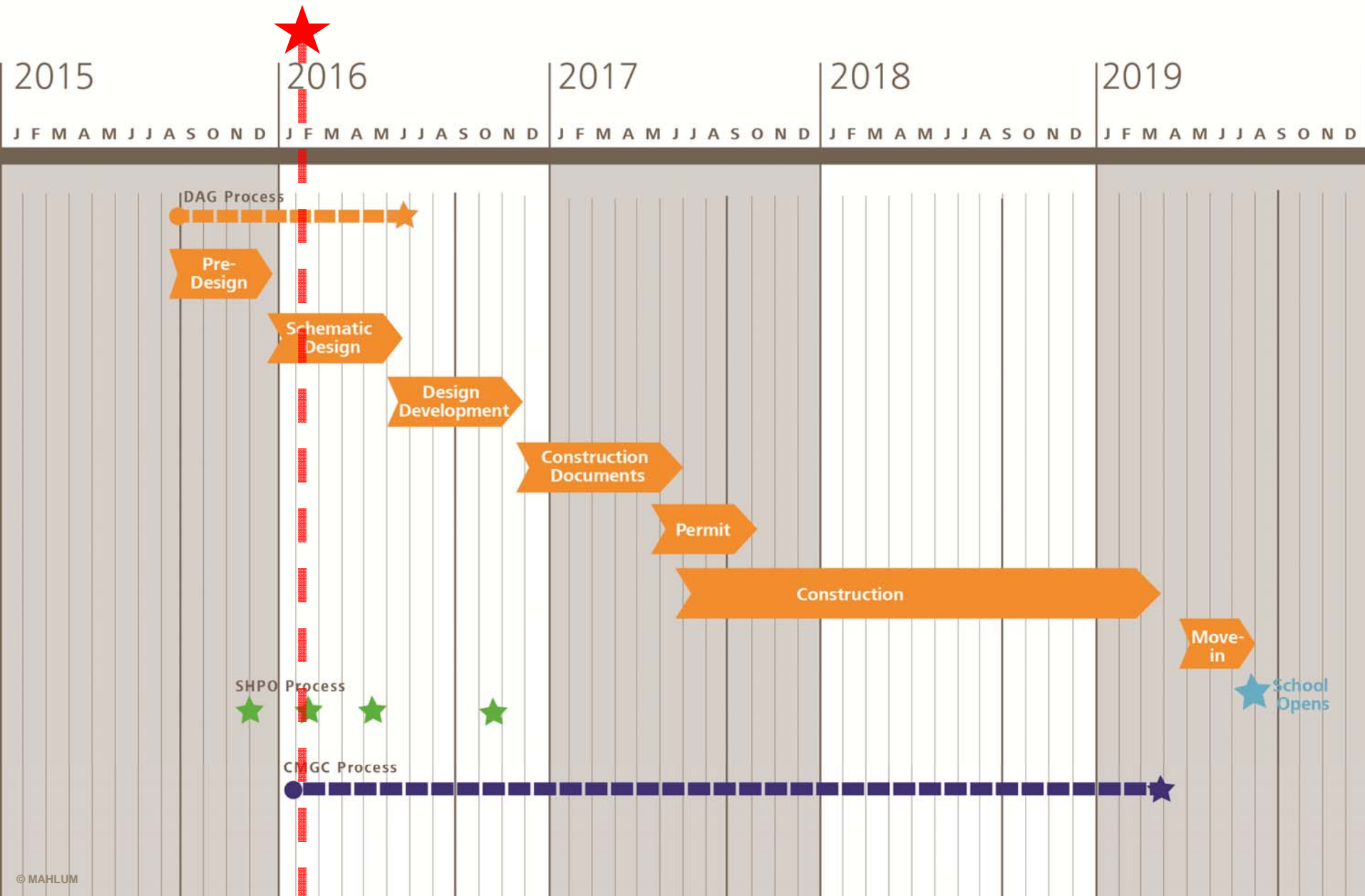


# Design Advisory Group Schedule

DAG 01	Sep 09	MP Open House*	Dec 03
DAG 02	Sep 24	DAG 06	Dec 16
DAG 03	Oct 08	SD Workshop 1*	Jan 09
School Tours	Oct 23	<b>DAG 07</b>	<b>Jan 21</b>
MP Workshop 1*	Oct 24	<b>SD Workshop 2*</b>	Feb 06
DAG 04	Nov 05	<b>DAG 08</b>	Mar 03
MP Workshop 2*	Nov 07	<b>SD Open House*</b>	Mar 31
DAG 05	Nov 19	<b>DAG 09</b>	Apr 28

\*Community Focused Meetings

# Project Schedule





# DAG Outcome

Ensure that community voice is heard

Synthesize community-wide input

**Create the foundation & framework**

Provide transparency through commitment & participation



# Design Process

Comprehensive Educational Specification

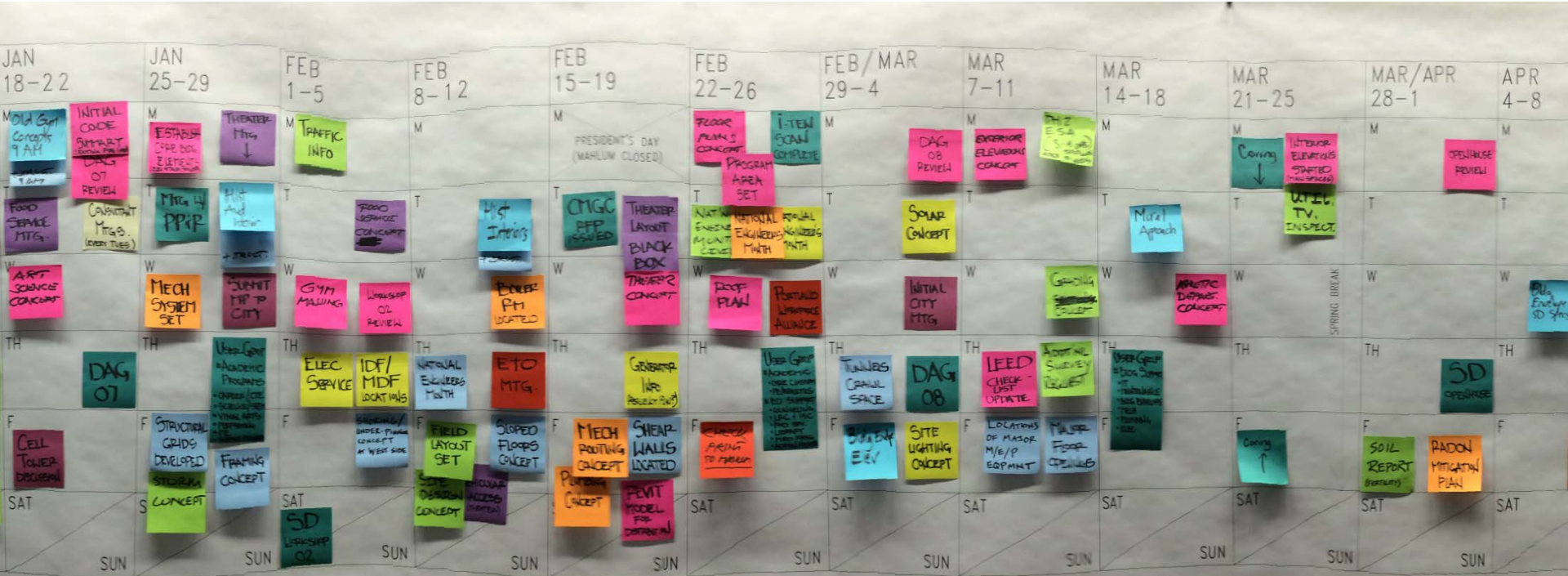
**D** | **Masterplan :: Budget and Scope of Work**

**A** | **Schematic Design :: Concepts and Options**

Design Development :: Building Systems and Integration

Construction Documents :: Coordination and Details

# Schematic Design Process



## Deliverables

- :: Site Plan
- :: Demolition Plans
- :: Floor + Roof Plans
- :: Exterior Elevations
- :: Building Sections
- :: Wall Sections
- :: Interior Elevations of Main Spaces

# Schematic Design Process



## Deliverables

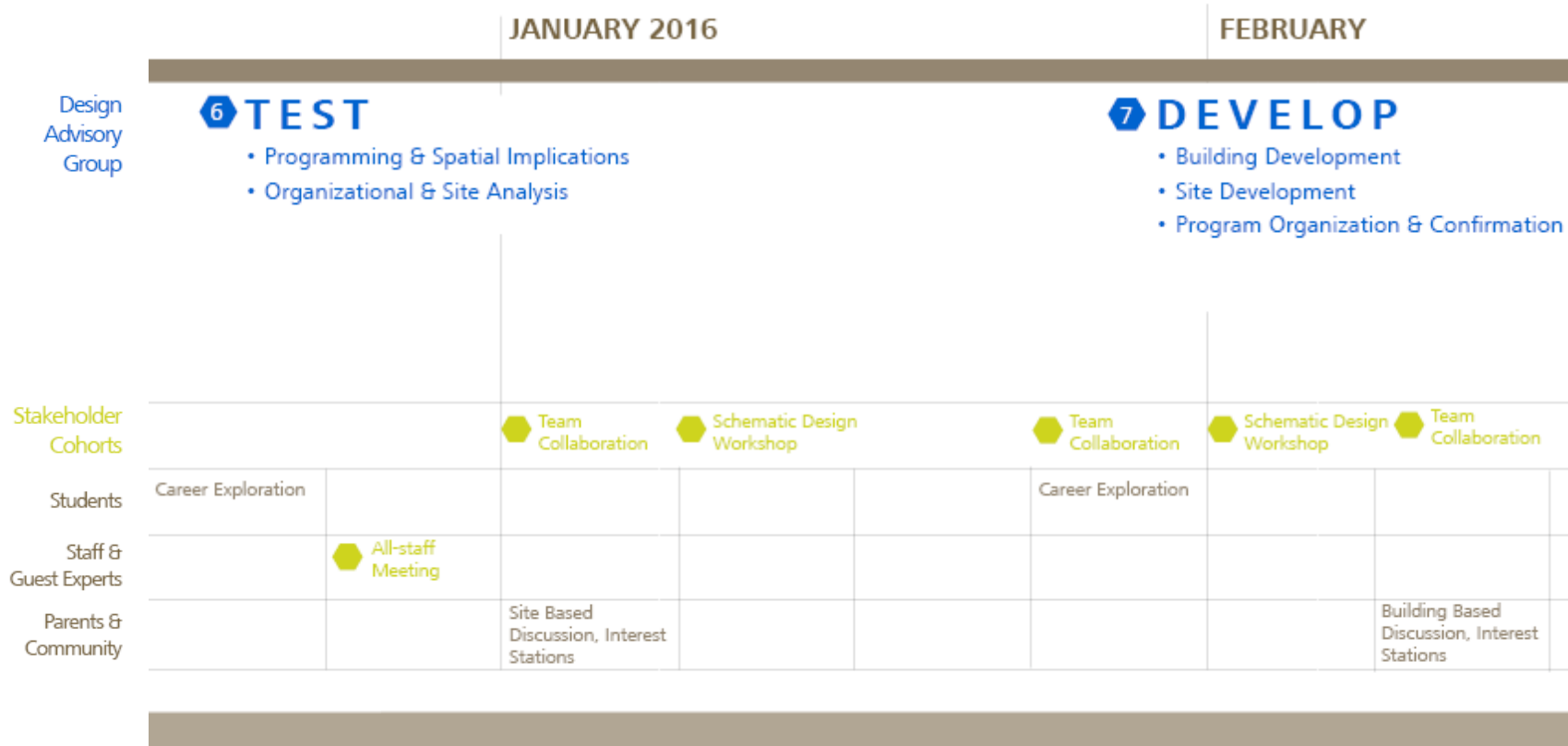
- :: Site Plan
- :: Demolition Plans
- :: Floor + Roof Plans
- :: Exterior Elevations
- :: Building Sections
- :: Wall Sections
- :: Interior Elevations of Main Spaces

## Milestones

- :: Jurisdictional Requirements
- :: Stakeholder meetings
- :: Space adjacencies
- :: Structural framing concepts
- :: MEP system concepts
- :: Storm water strategies
- :: CM/GC on board

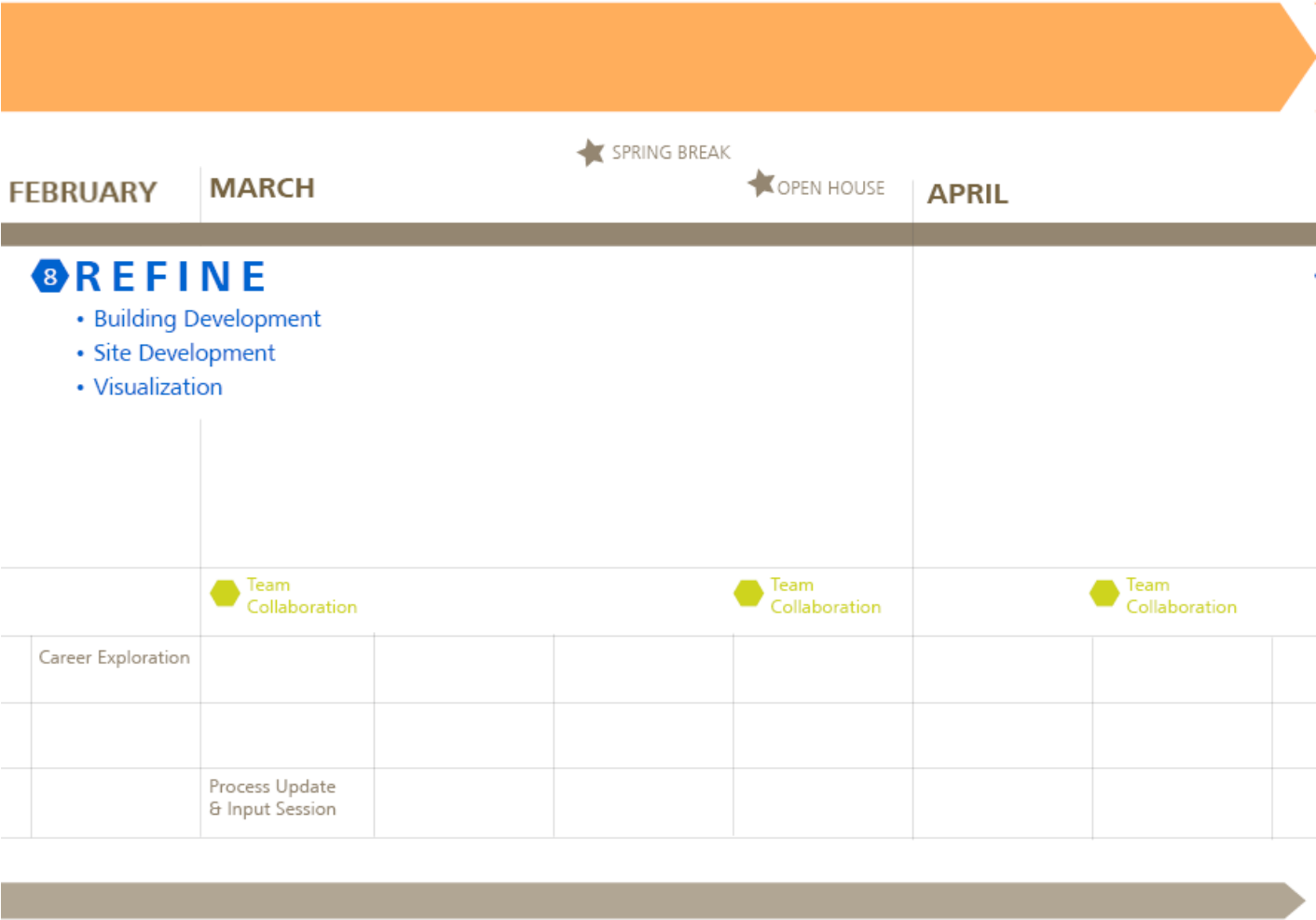
# Schematic Design Process

## Schematic Design





# Schematic Design Process



# Schematic Design Process

## Document

APRIL

MAY

Design  
Advisory  
Group

### 9 FINALIZE

- Schematic Design Review & Confirmation

Stakeholder  
Cohorts

Team  
Collaboration

Team  
Collaboration

Team  
Collaboration

Students

Staff & Guest Experts						
Parents & Community						



# Agenda

**Master Plan :: Site Analysis  
Fields**

**Activating the Goals**

**Master Plan Feedback & Development**

**Schematic Design Vignettes**

**Public Comment**

# DAG Project Goals

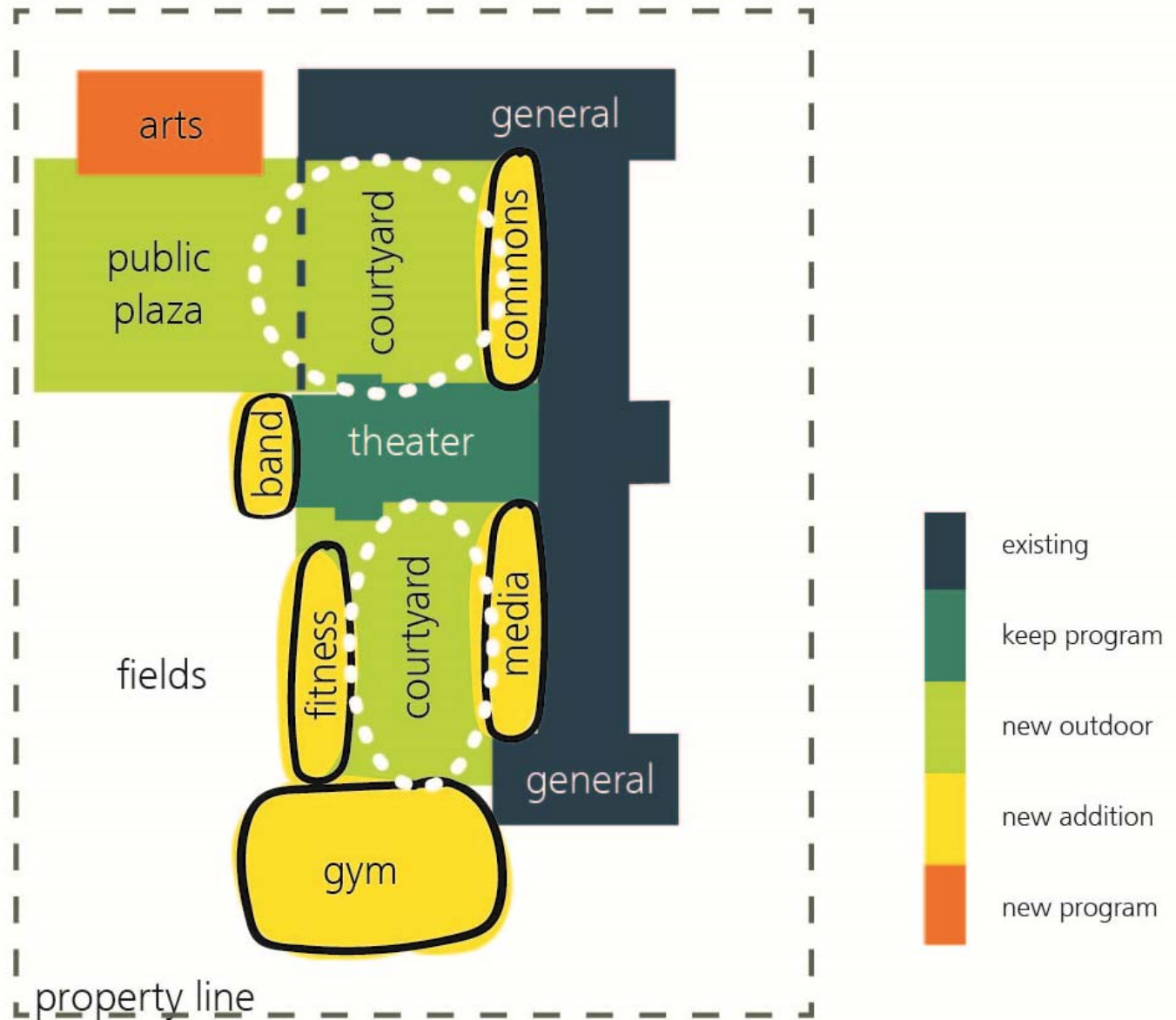
- 1 Sustain a student-centered approach, where all learners feel connected by celebrating diversity and inclusion
  - 2 Design a building to inspire learning, to serve as a place of possibility
- TIE
- 2 Support the educational mission of Grant with a variety of flexible study & project spaces that anticipate future needs
  - 4 Accommodate diverse teaching & learning styles to facilitate strong relationships
  - 5 Create state-of-the-art facilities for all disciplines

---

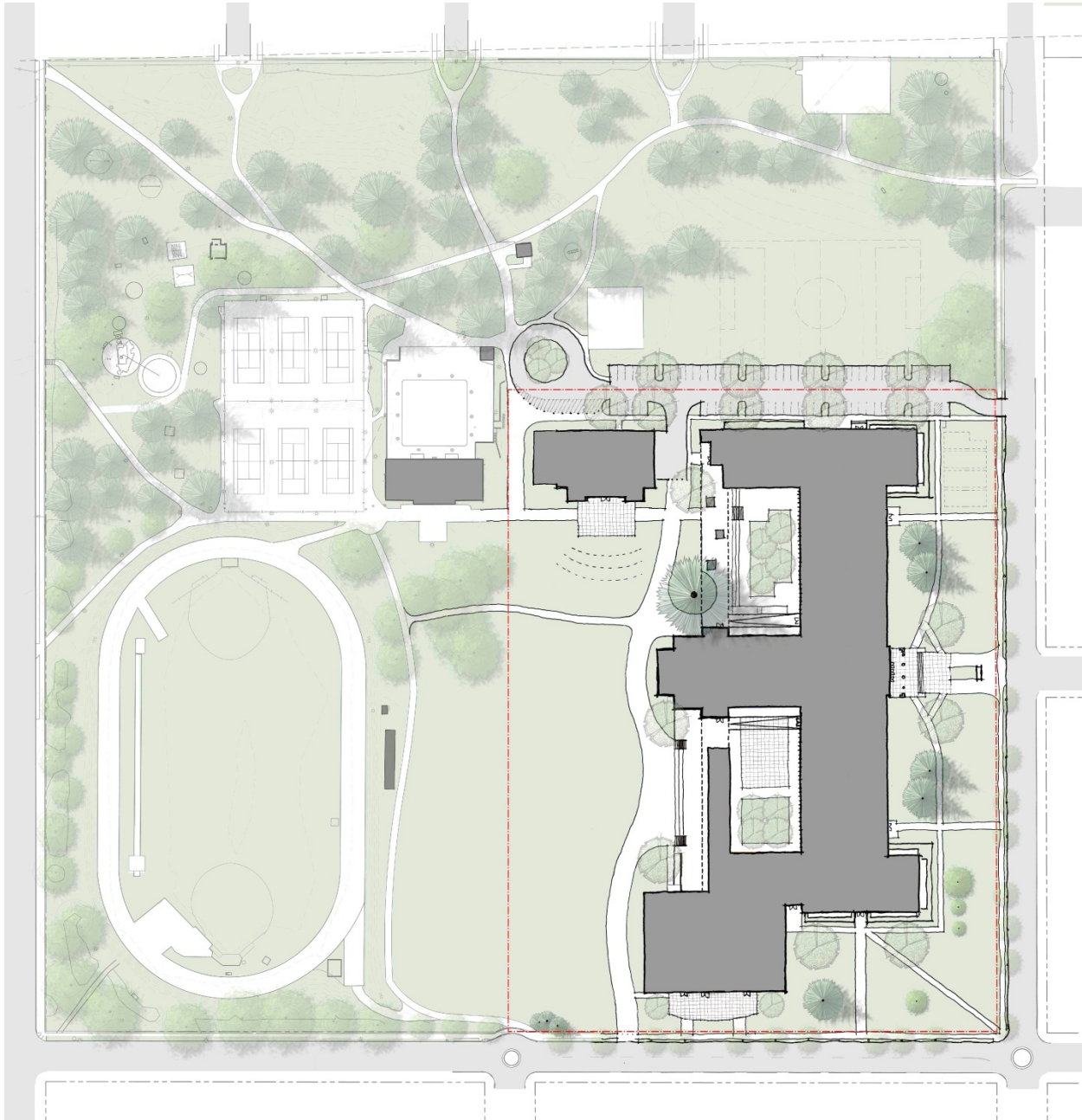
The Grant High School modernization will result in an inclusive learning environment that fosters strong, productive relationships among students, teachers, and the community through inspiring, flexible spaces that honor the history while supporting students' success in college, career, and life.

# Master Plan :: Site Analysis

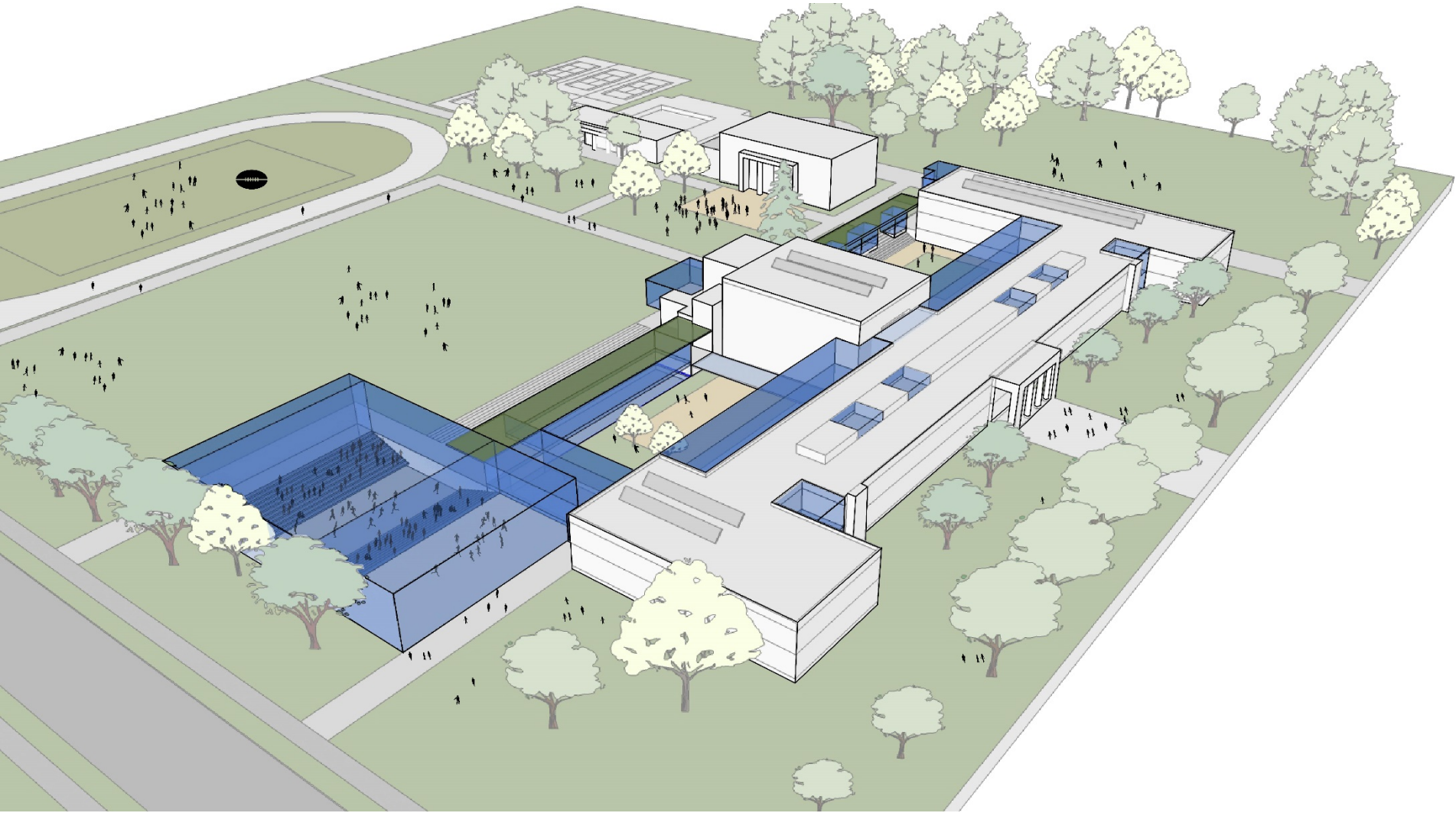
# Master Plan :: Concept



# Master Plan :: Site

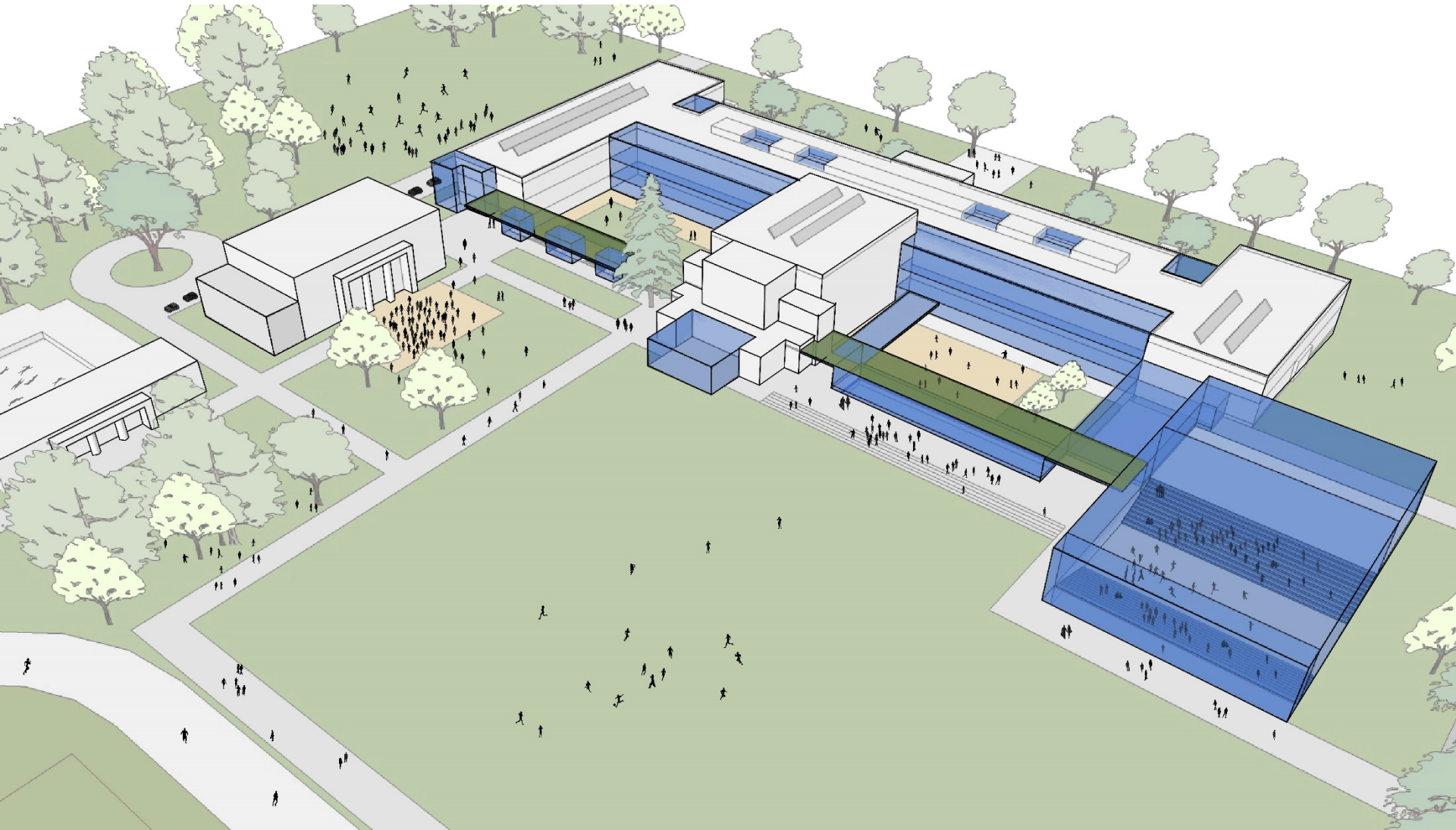


# Master Plan :: Building

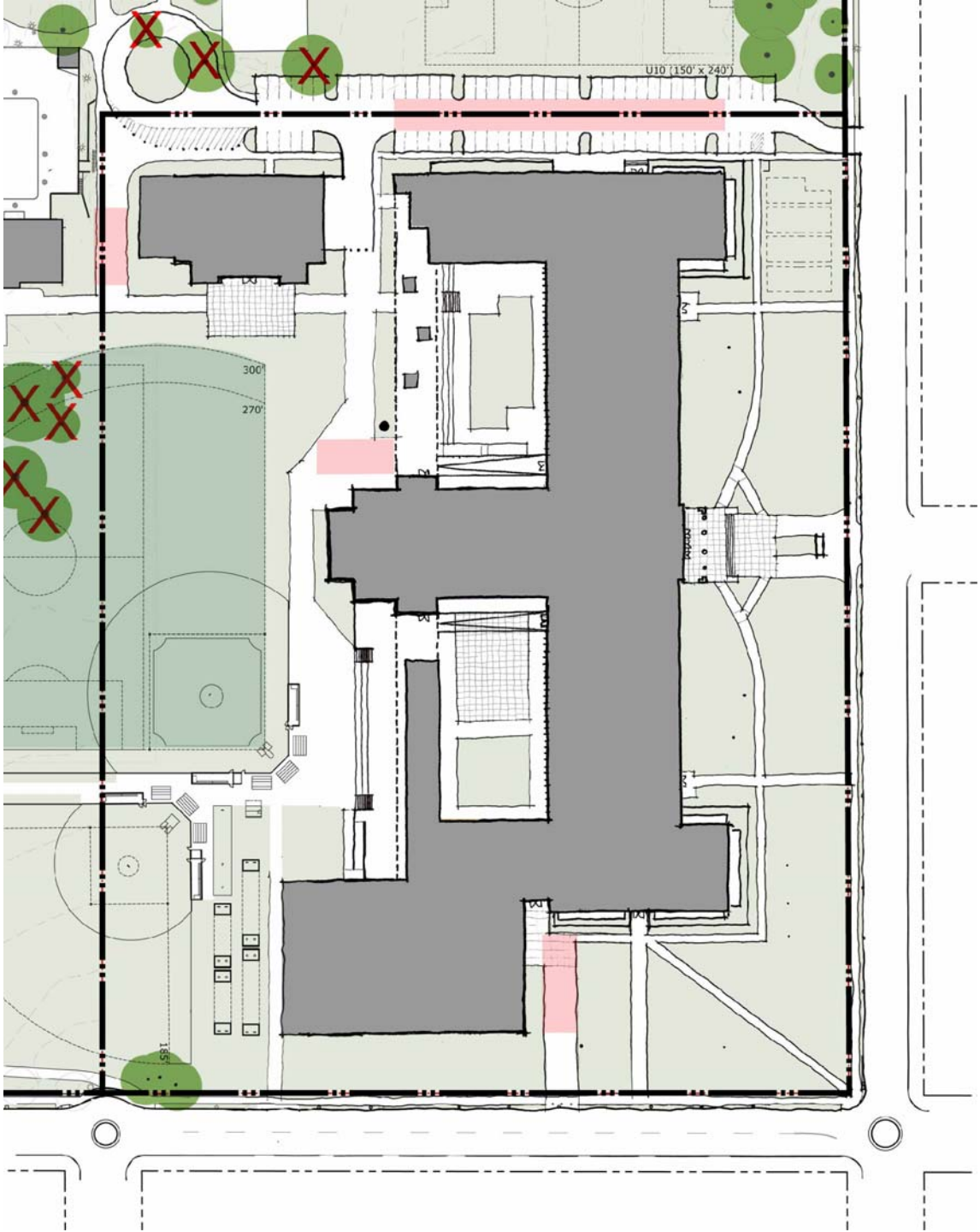




# Master Plan :: Building

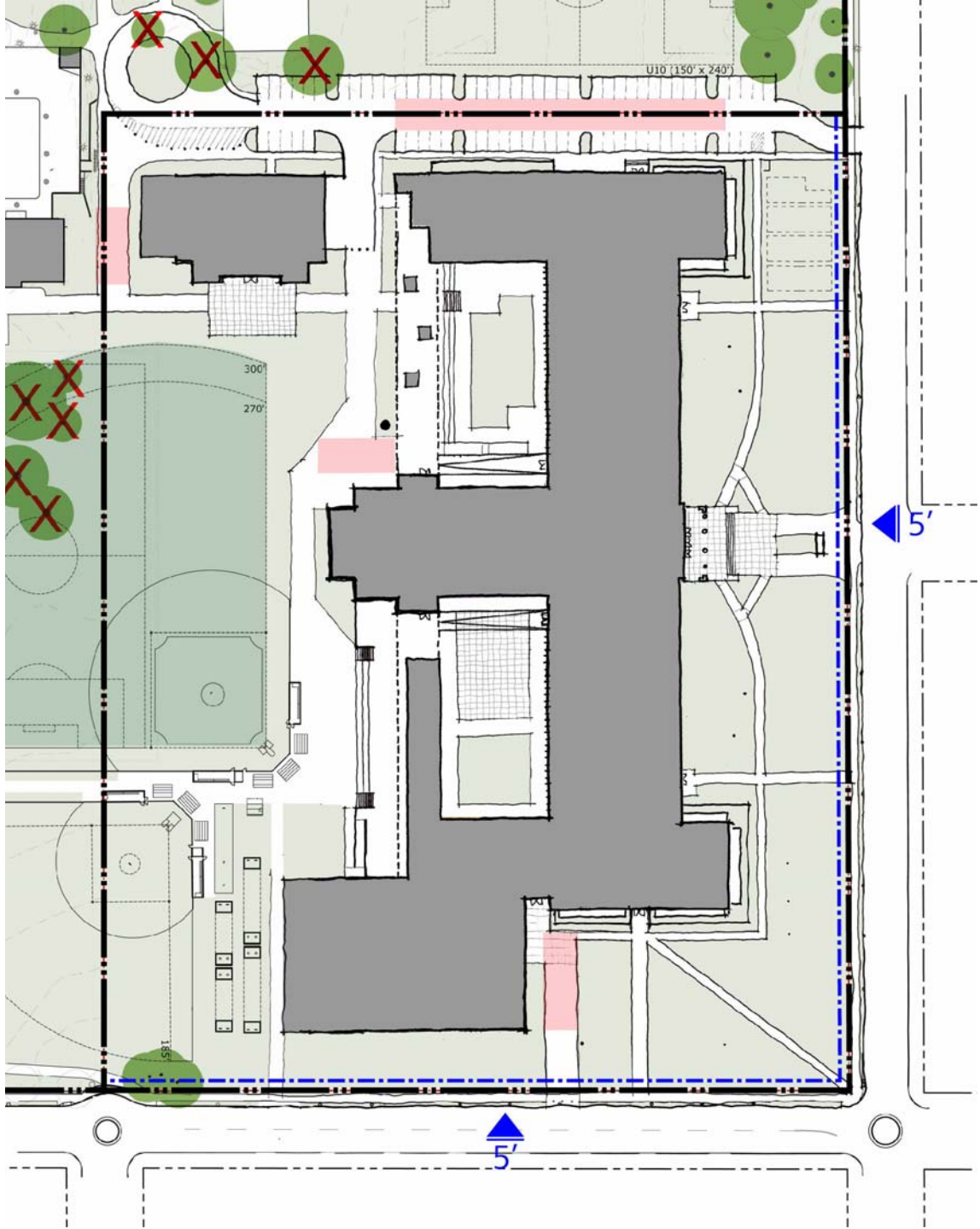


# Setbacks Property



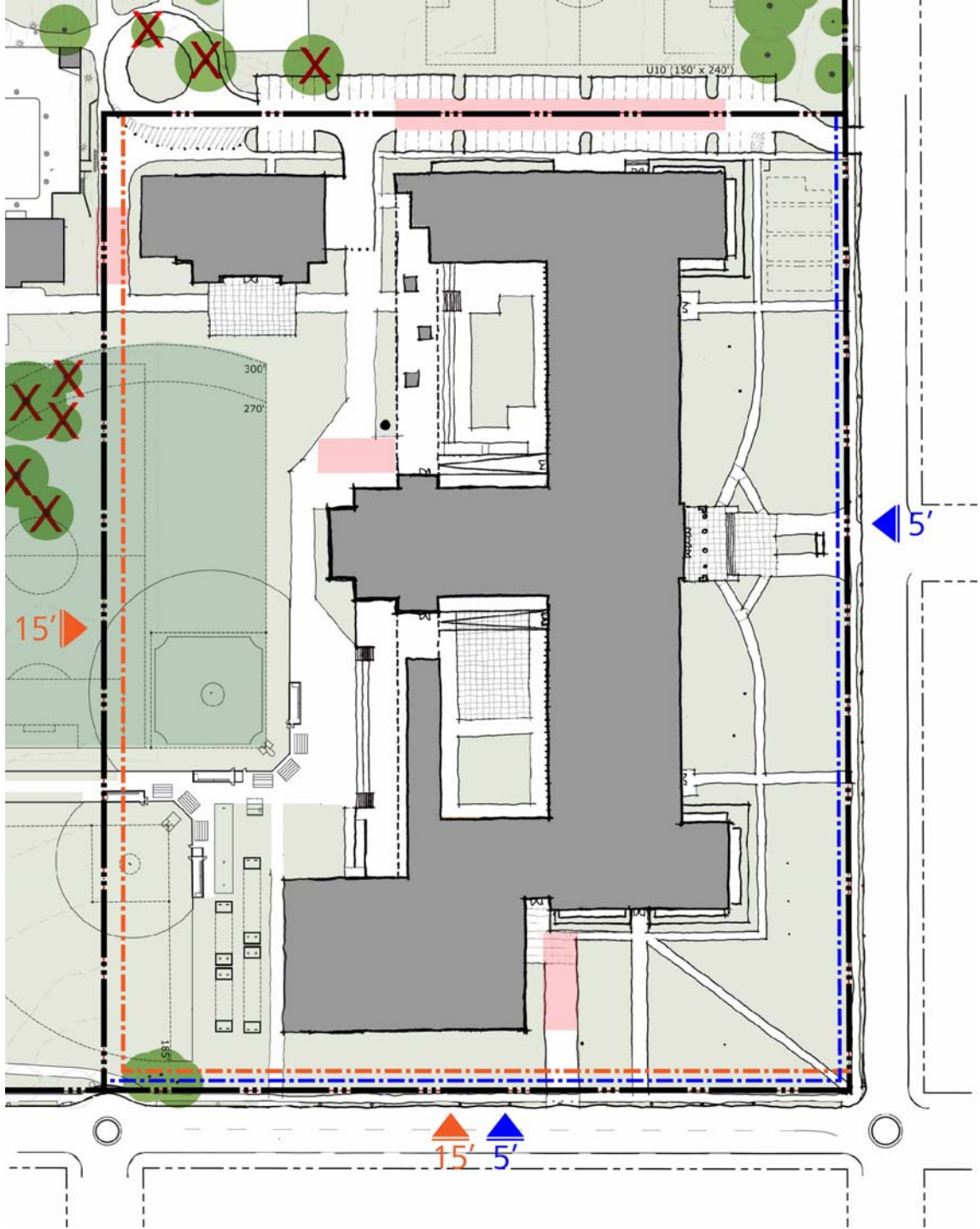
# Setbacks

## Parking

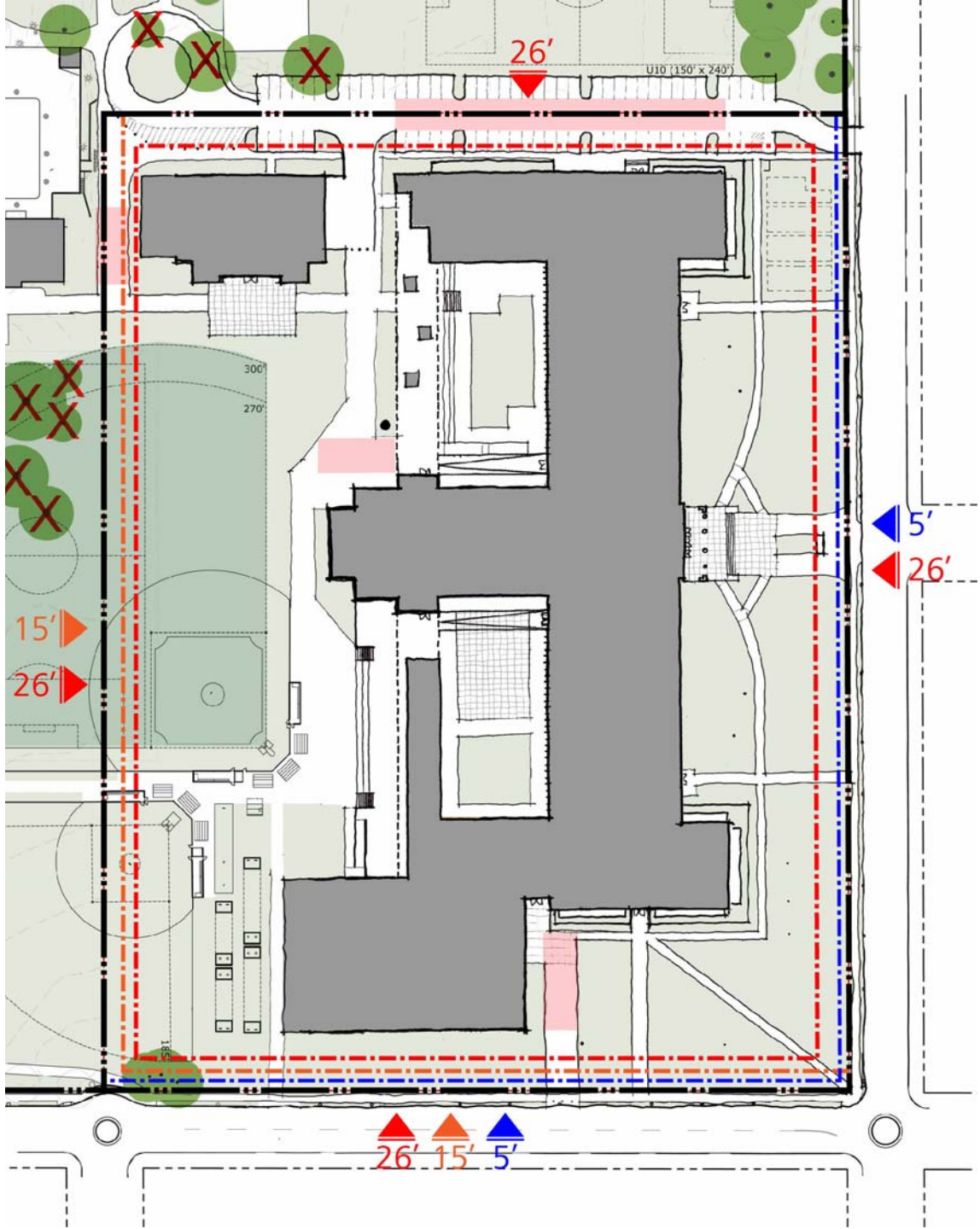


# Setbacks

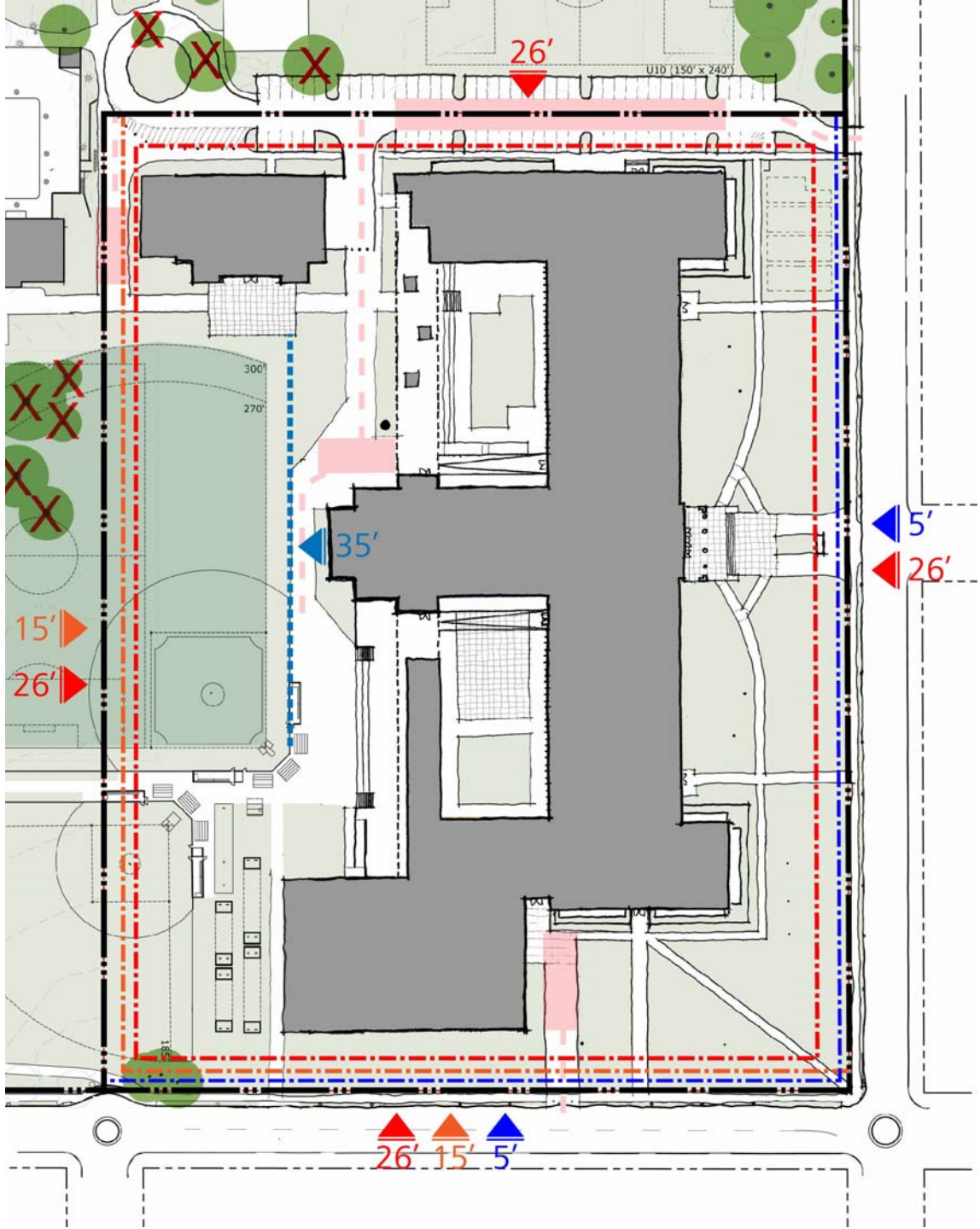
## Field Structures



# Setbacks Building



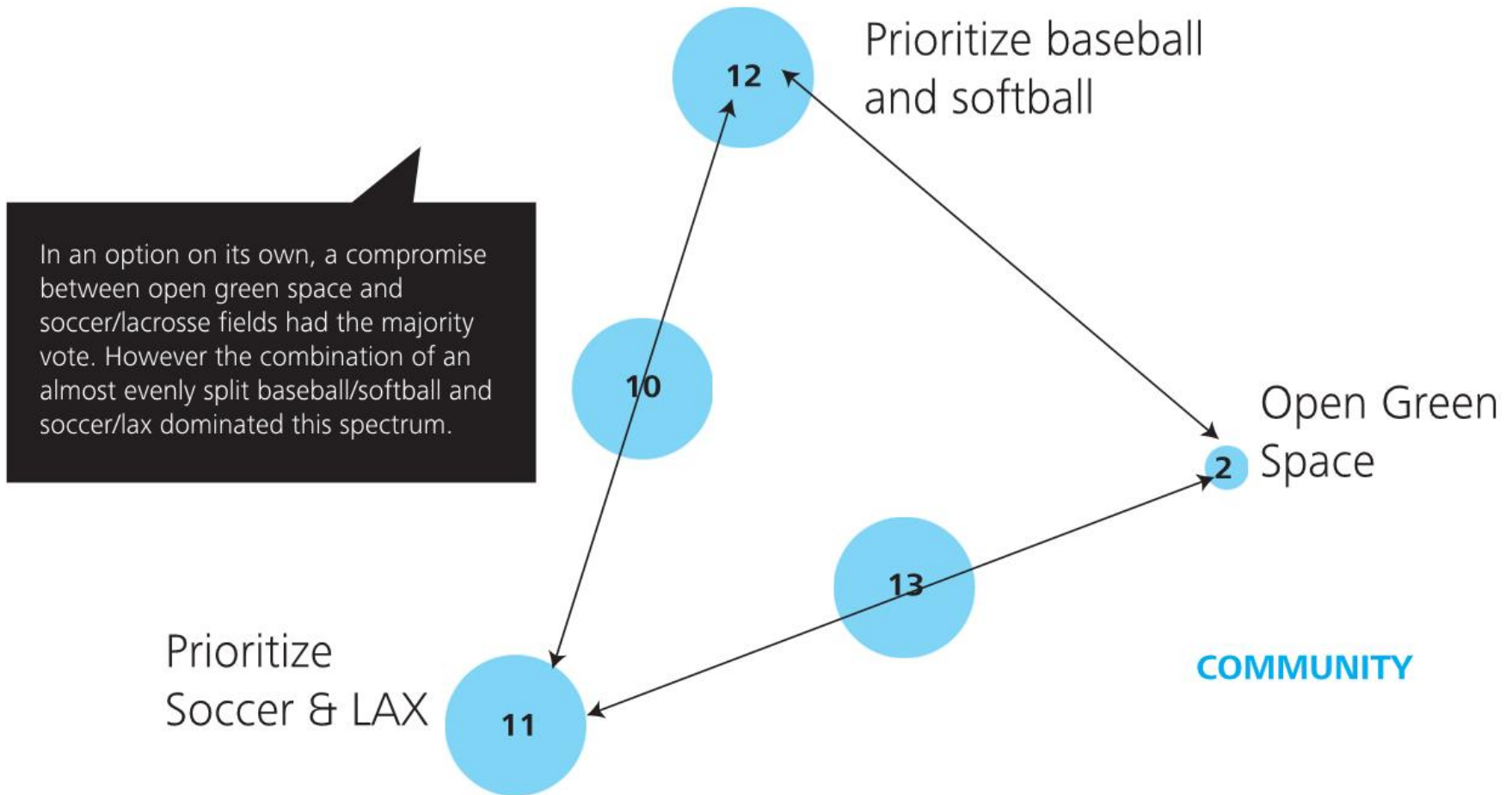
# Site Access Emergency



# Fields

## SCHEMATIC DESIGN WORKSHOP 1: SPECTRUMS COMPARISON

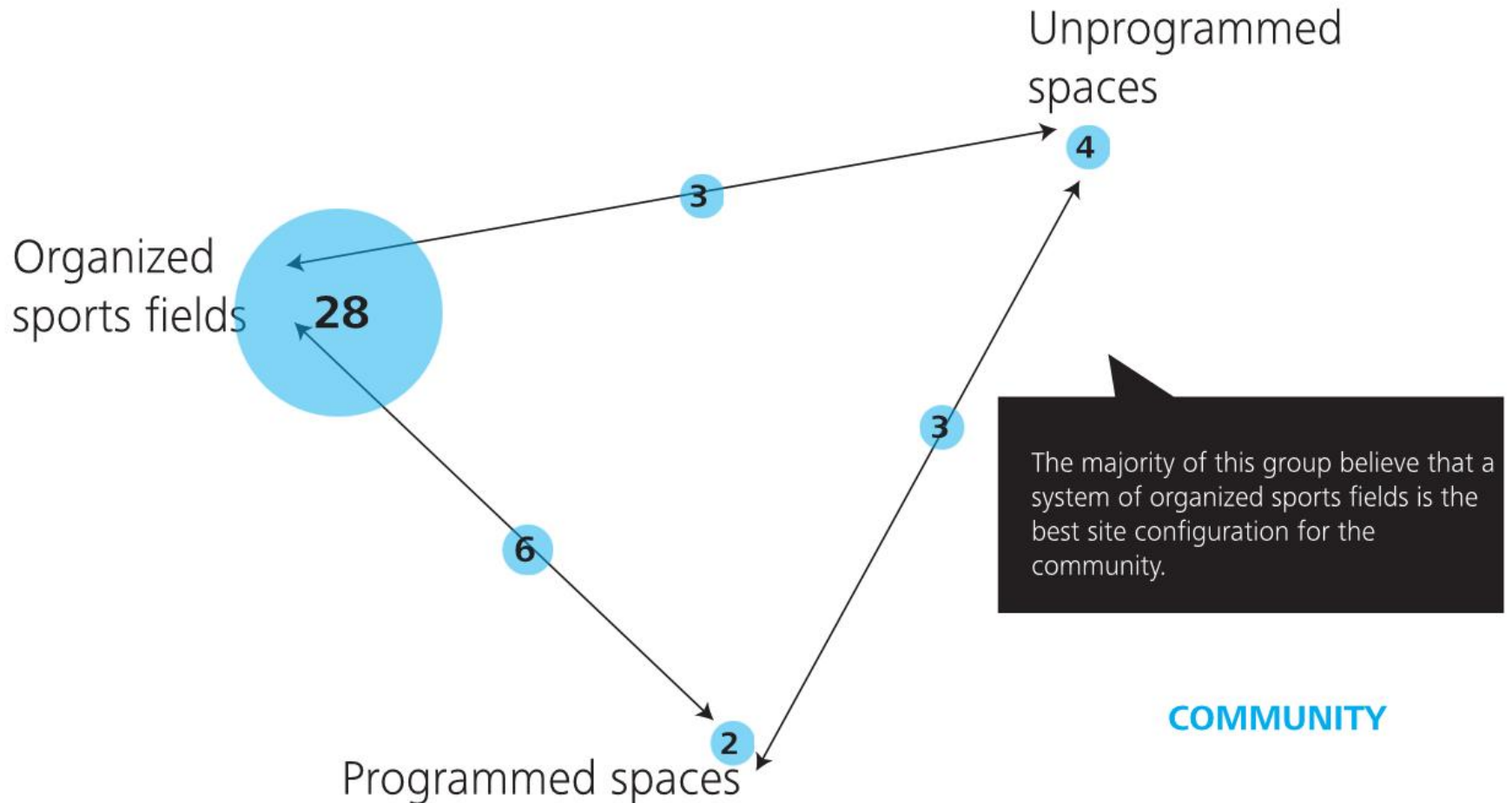
If there was one **field organization** that supported the most Grant students...





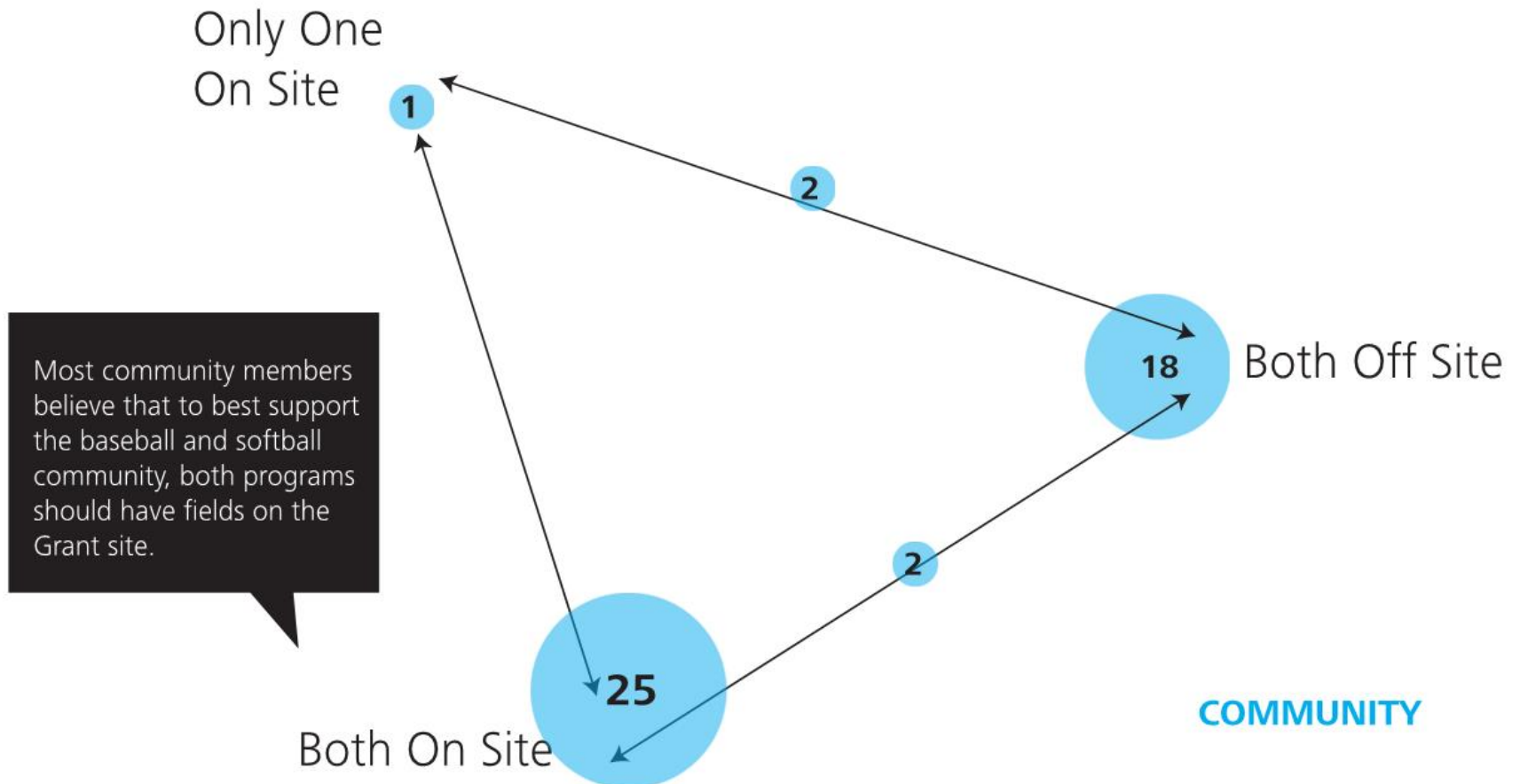
## SCHEMATIC DESIGN WORKSHOP 1: SPECTRUMS COMPARISON

If there was one **site configuration** that best supported the community...

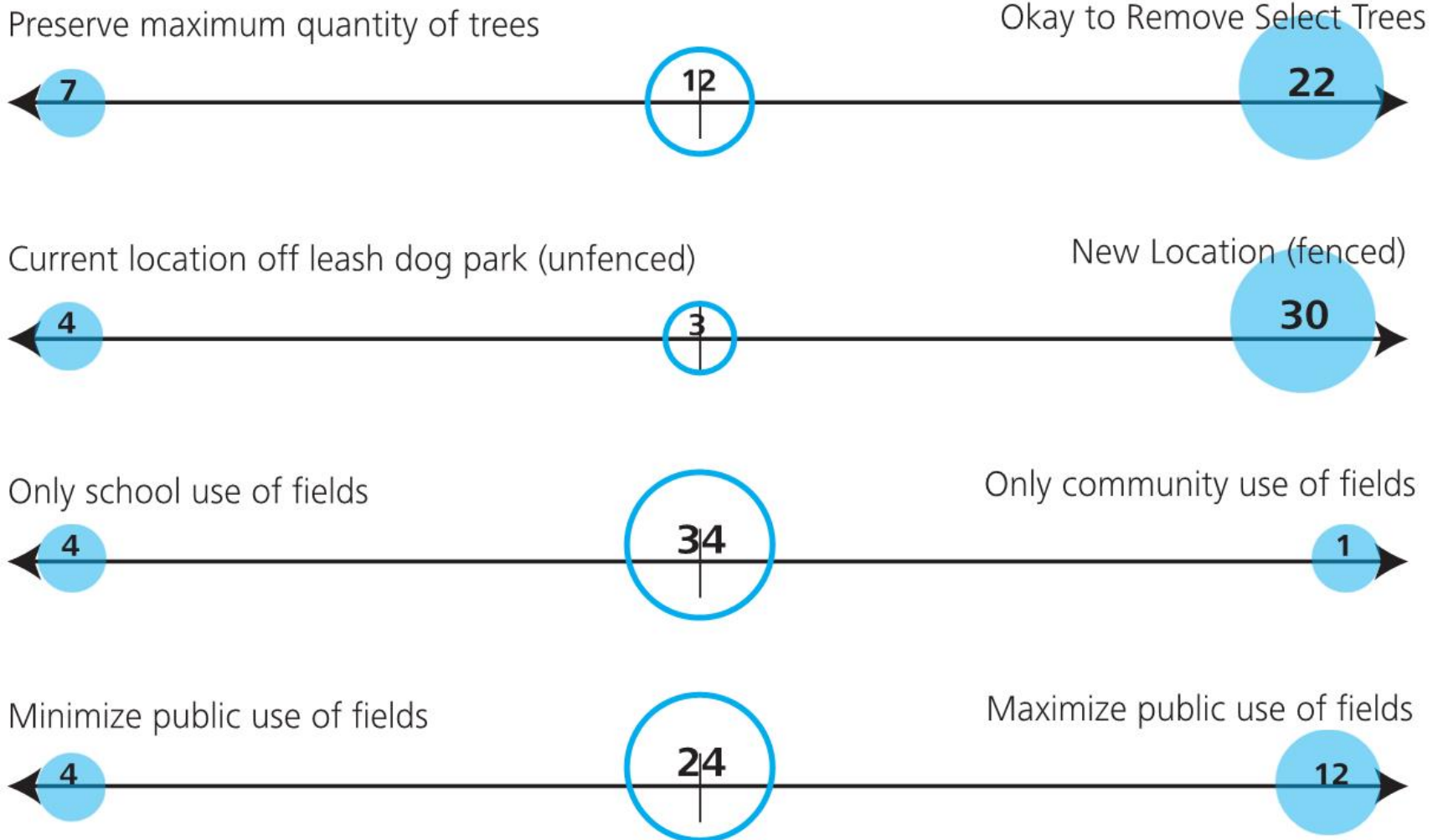


## SCHEMATIC DESIGN WORKSHOP 1: SPECTRUMS COMPARISON

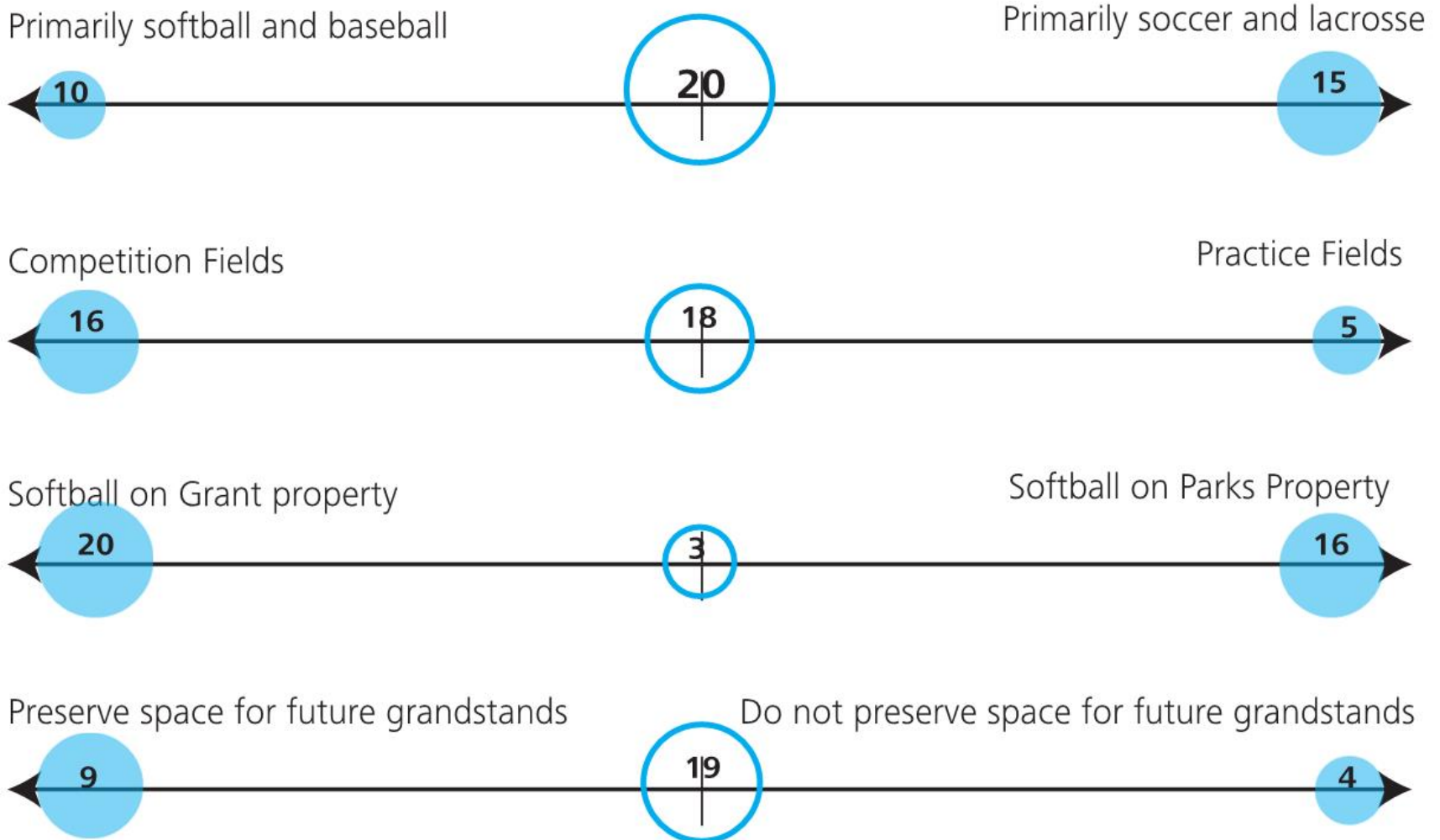
How do we best support the **baseball** and **softball** community?

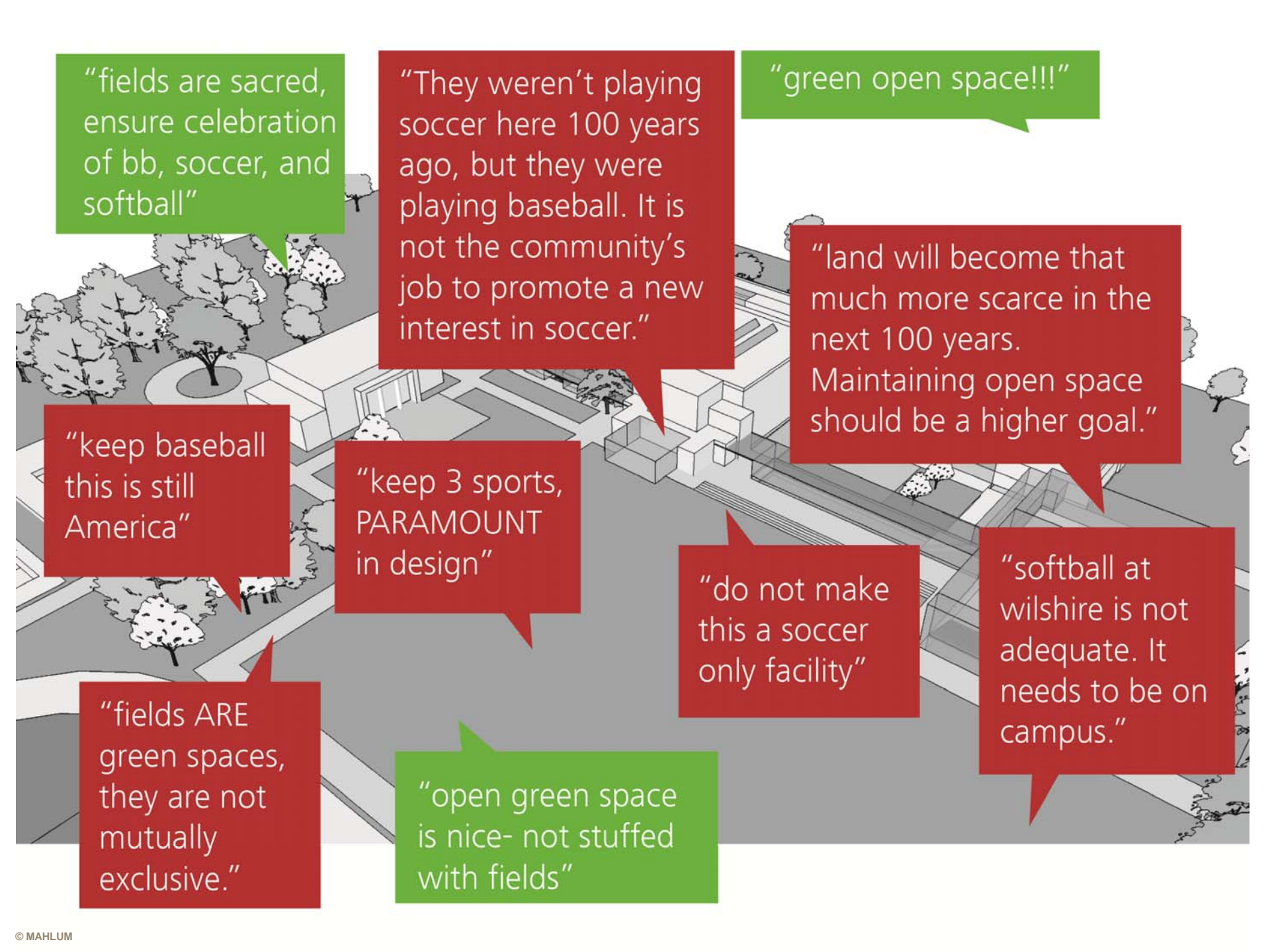


# Parks Partnership Prioritization



# On Site Athletic Fields Prioritization





"fields are sacred, ensure celebration of bb, soccer, and softball"

"They weren't playing soccer here 100 years ago, but they were playing baseball. It is not the community's job to promote a new interest in soccer."

"green open space!!!"

"land will become that much more scarce in the next 100 years. Maintaining open space should be a higher goal."

"keep baseball this is still America"

"keep 3 sports, PARAMOUNT in design"

"do not make this a soccer only facility"

"softball at wilshire is not adequate. It needs to be on campus."

"fields ARE green spaces, they are not mutually exclusive."

"open green space is nice- not stuffed with fields"

# Hardball: Site Discussion Questions

What if we went with the majority on each of the issues addressed in the spectrums?  
How will we capture the students' voices? What ideas will you personally champion?

1

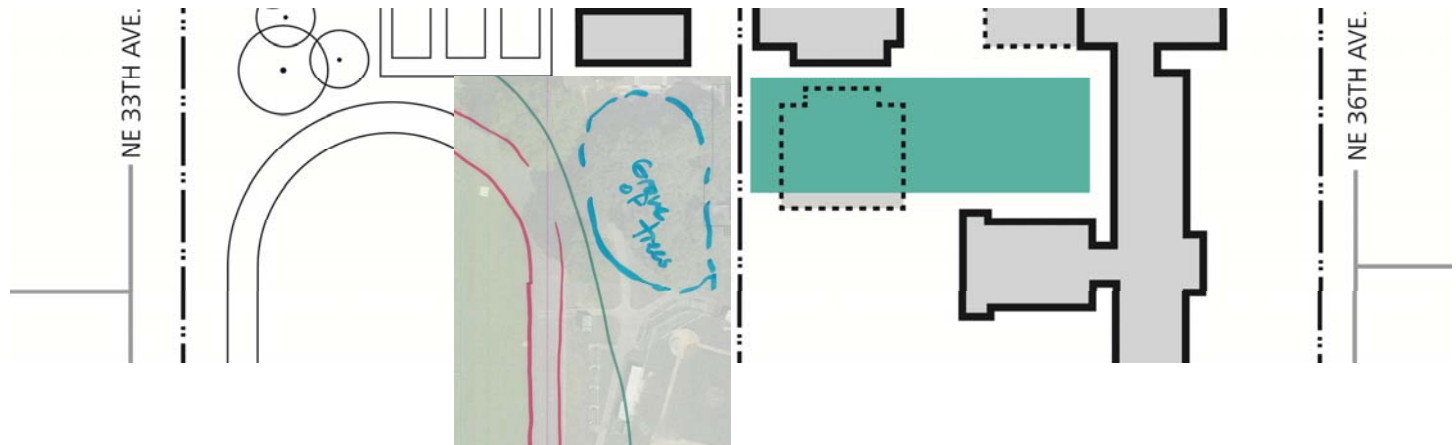
## Is Baseball & Softball on Site?

# Hardball: Site Discussion Questions

What if we went with the majority on each of the issues addressed in the spectrums?  
How will we capture the students' voices? What ideas will you personally champion?

**1** Is Baseball & Softball on Site?

**2** Will the mature grove of trees be sacrificed for fields?



# Hardball: Site Discussion Questions

What if we went with the majority on each of the issues addressed in the spectrums?  
How will we capture the students' voices? What ideas will you personally champion?

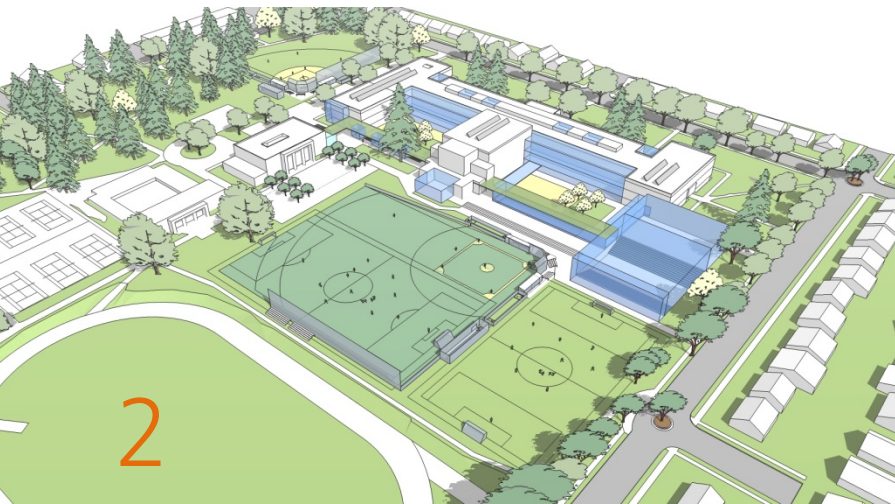
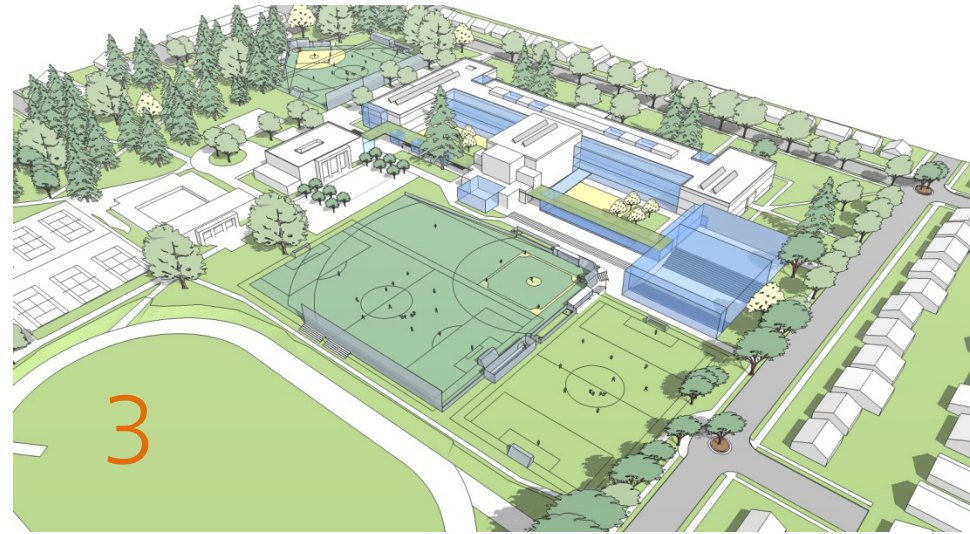
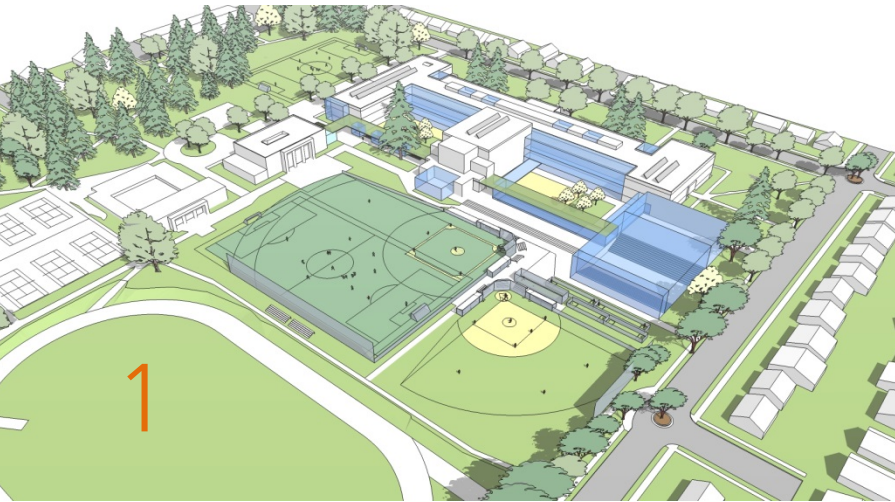
**1** Is Baseball & Softball on Site?

**2** Will the mature grove of trees be sacrificed for fields?

**3** Will the sports fields infrastructure compromise openness to the park & student social areas?



# Fields Discussion





# Fields

## Option 01

### 1 Multipurpose Shared Use Field, Turf:

Baseball  
(shortened left outfield)  
Soccer  
(regulation size)  
Lacrosse

### 1 Shared-Use Field, Grass:

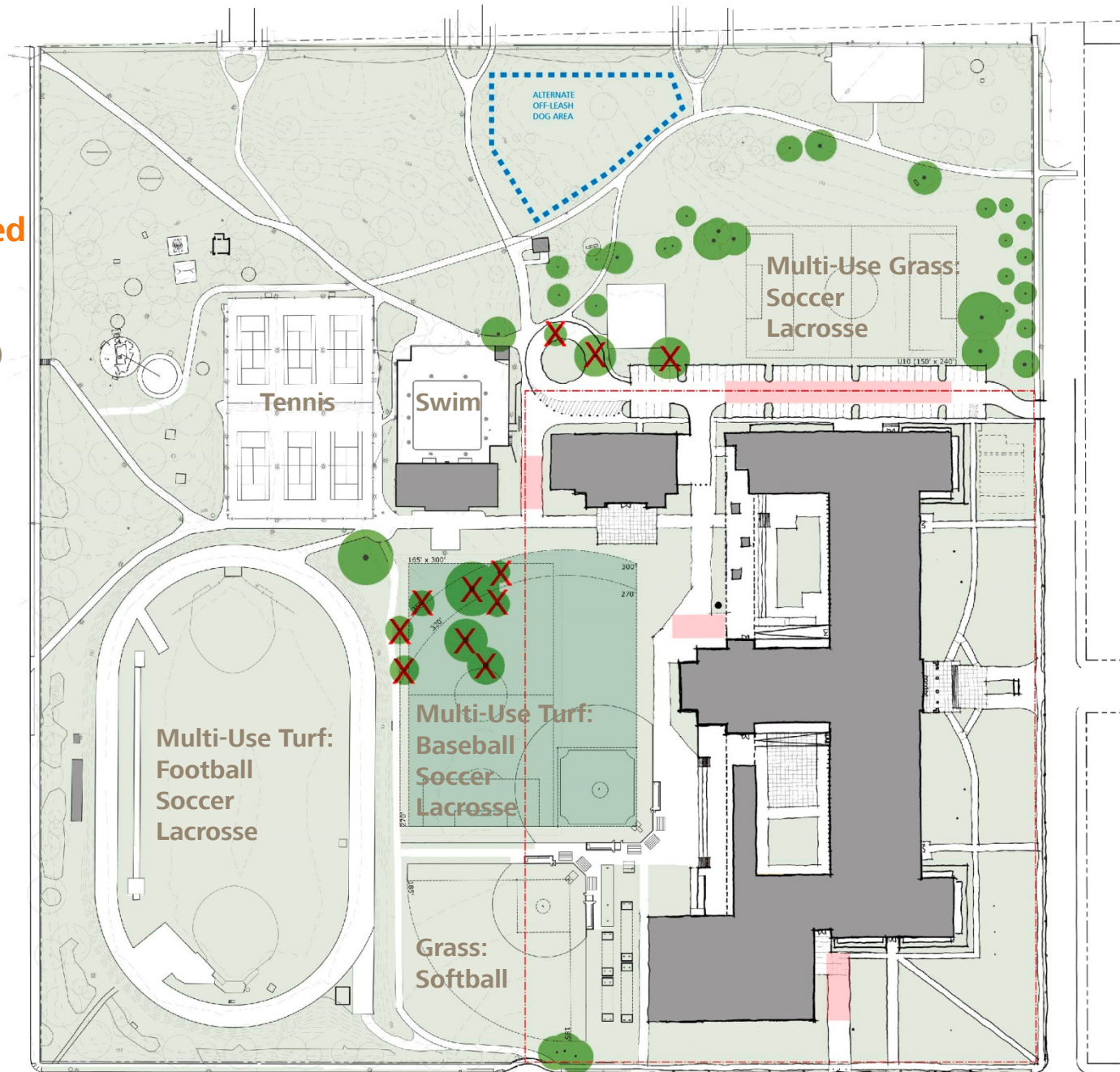
Softball

### 1 Multipurpose Park Owned Field, Grass:

Soccer  
(U10)

### 1 Multipurpose Park Owned Field, Turf:

Football  
Soccer  
Lacrosse



# Fields

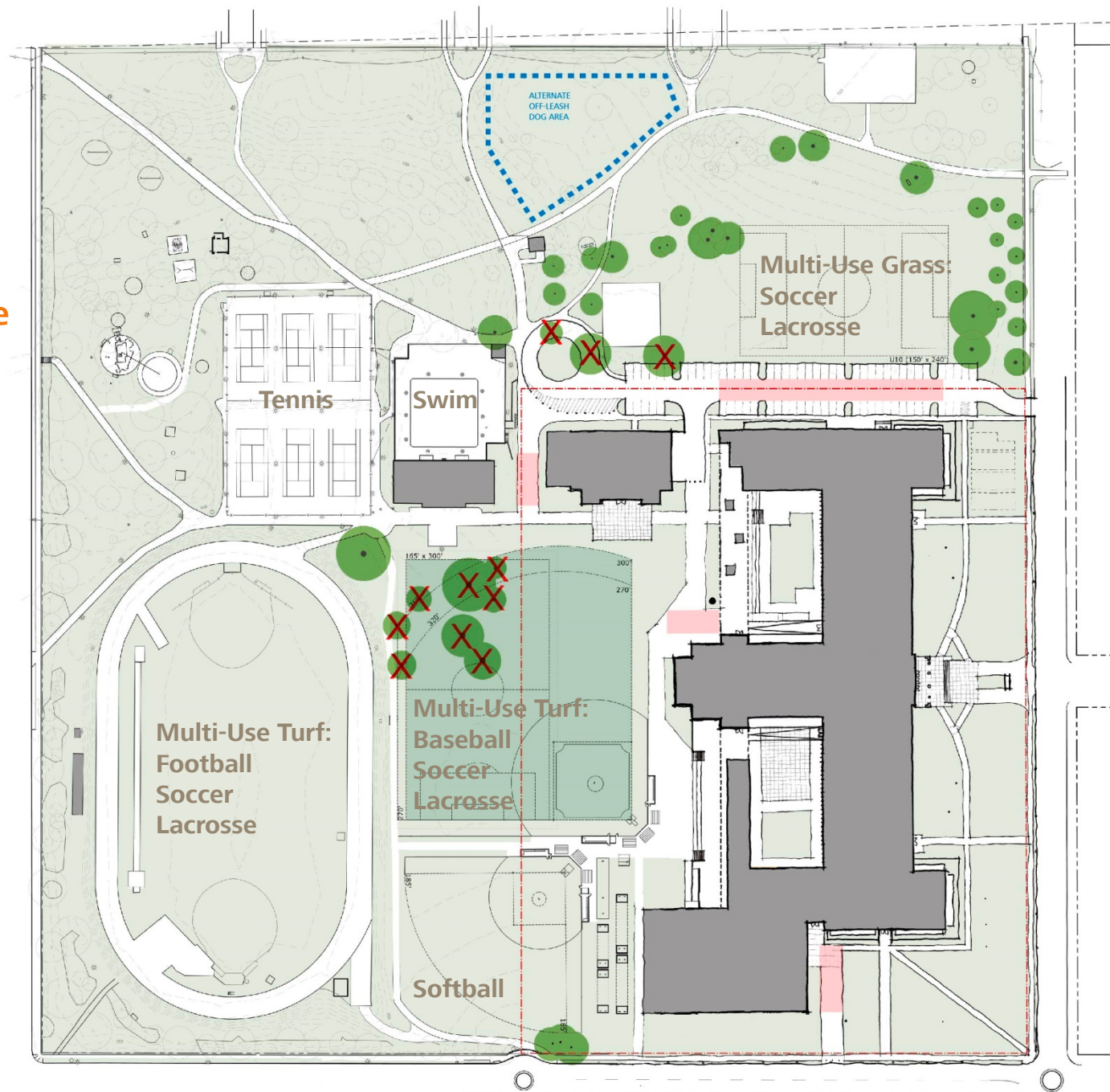
## Option 01

Removes 11 Significant  
Park-Owned Trees:  
**-8 from Central Grove**

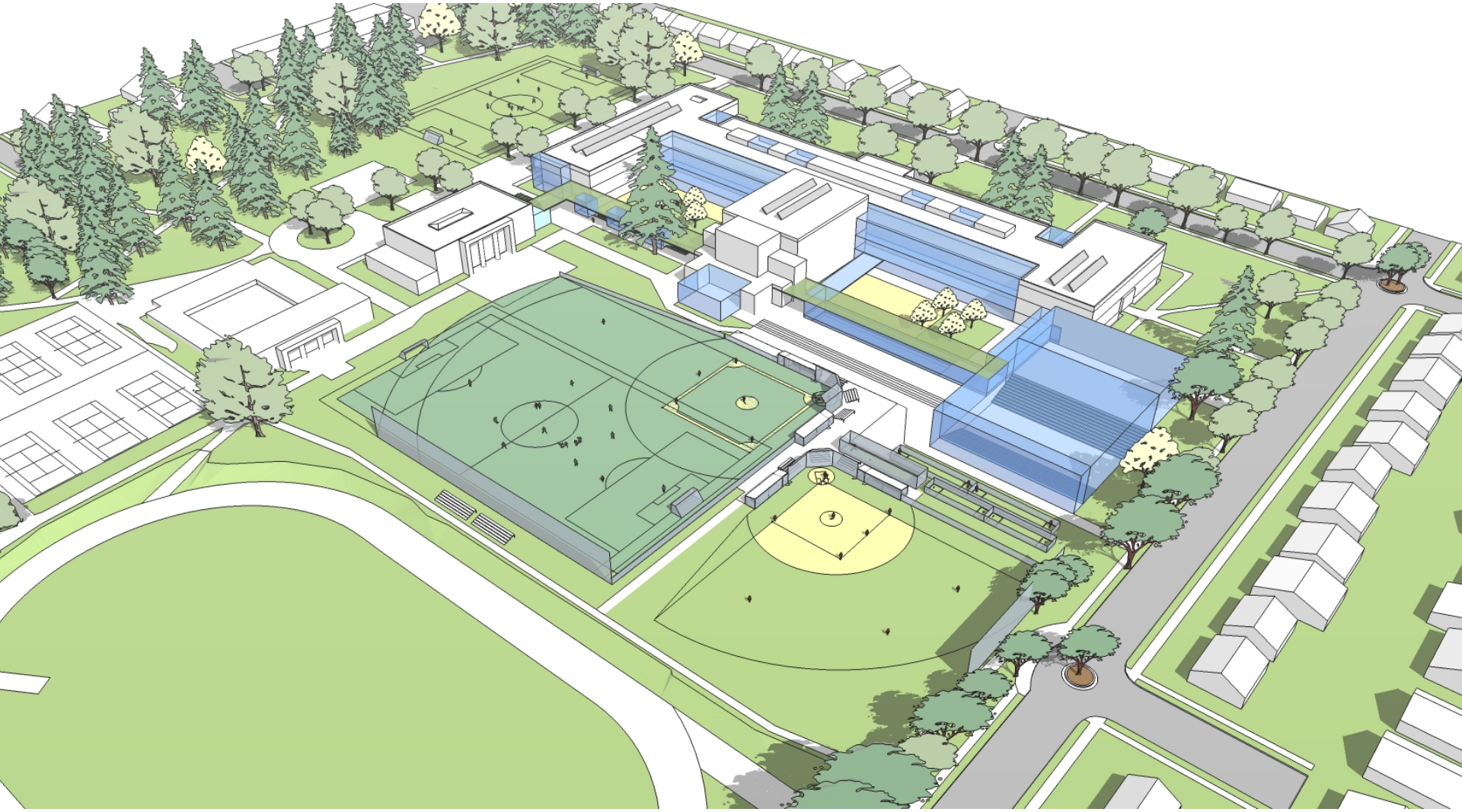
Limited Grandstands;  
**"Bowl" Grandstands  
and fieldhouse need  
to be relocated to  
west side**

**\$ Implication:**

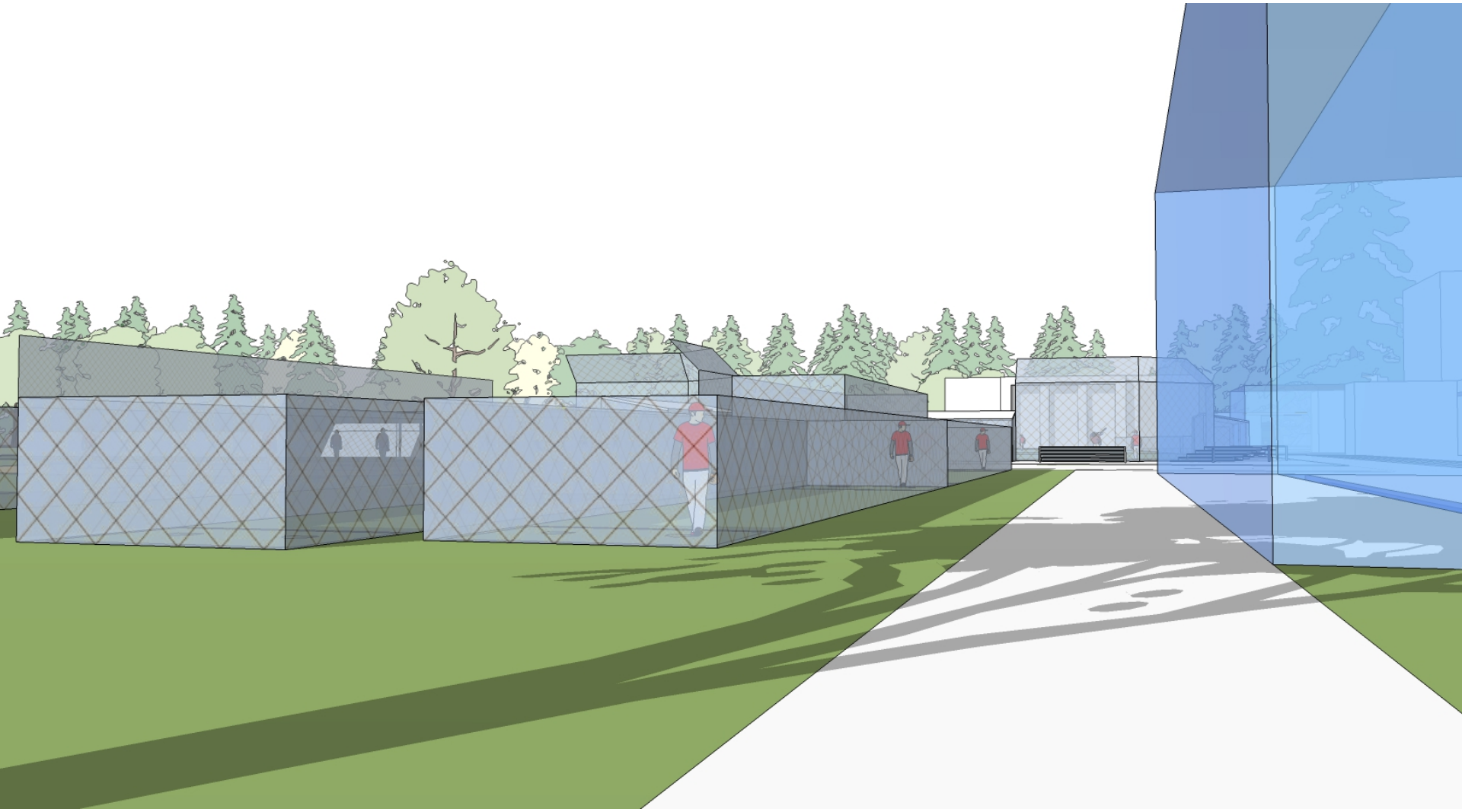
**\$\$\$\$**



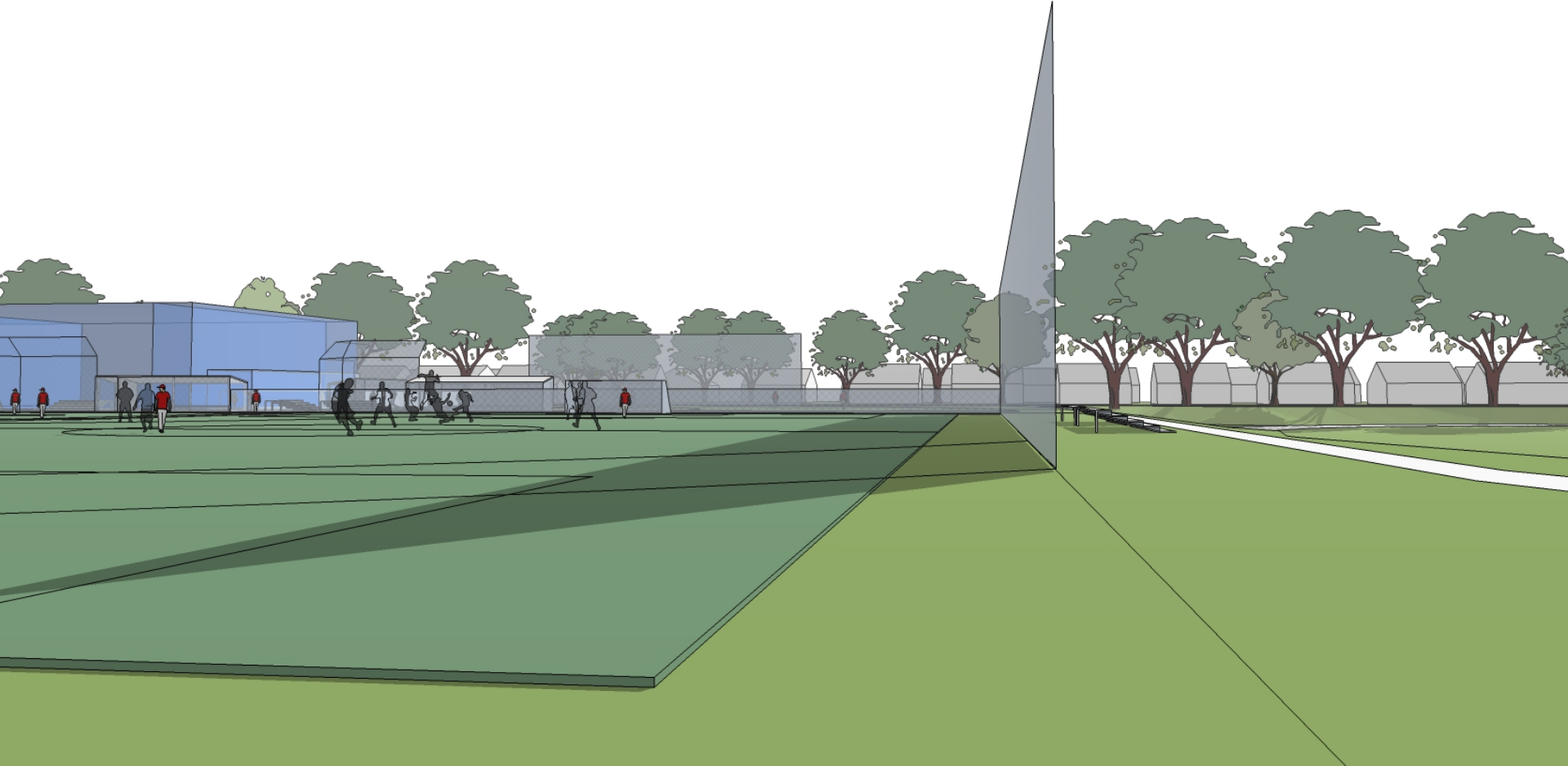
# Fields :: Option 01



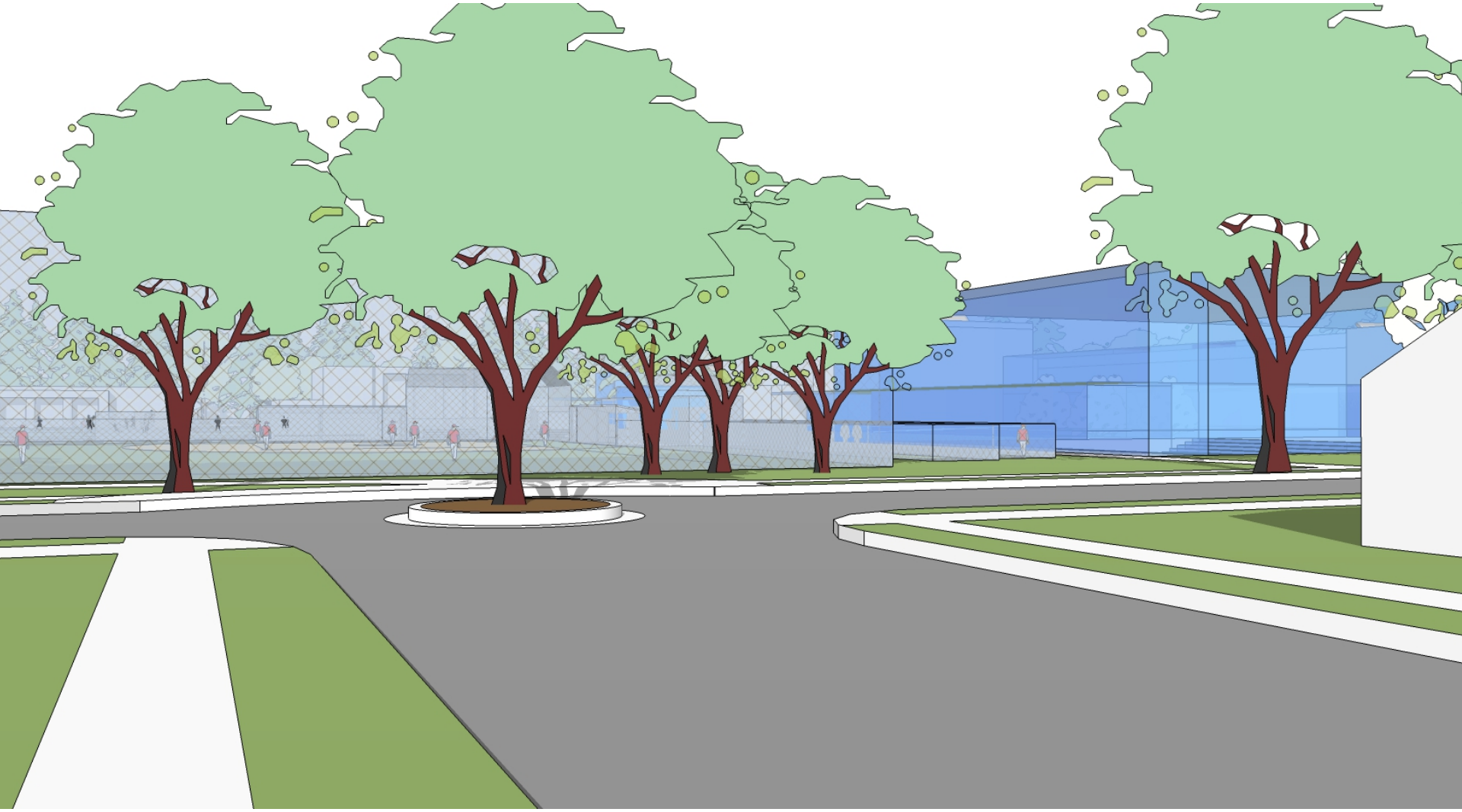
# Fields :: Option 01



# Fields :: Option 01



# Fields :: Option 01





# Fields

## Option 02

### 1 Multipurpose Shared Use Field, Turf:

Baseball  
(shortened left outfield)  
Soccer  
(regulation size)  
Lacrosse

### 1 Shared-Use Field, Grass:

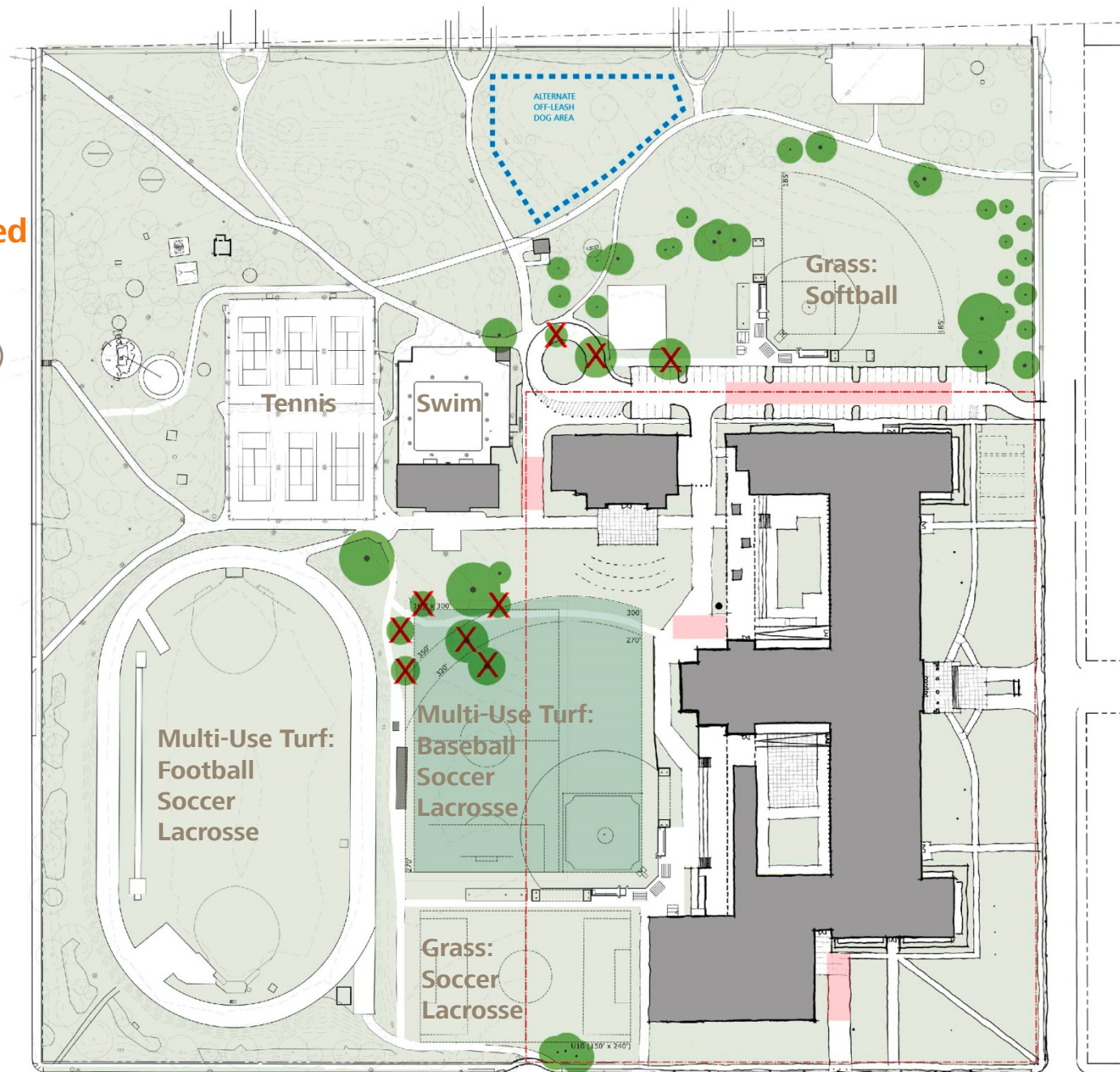
Soccer (U10)  
Lacrosse

### 1 Park Owned Field, Grass:

Softball

### 1 Multipurpose Park Owned Field, Turf:

Football  
Soccer  
Lacrosse



# Fields

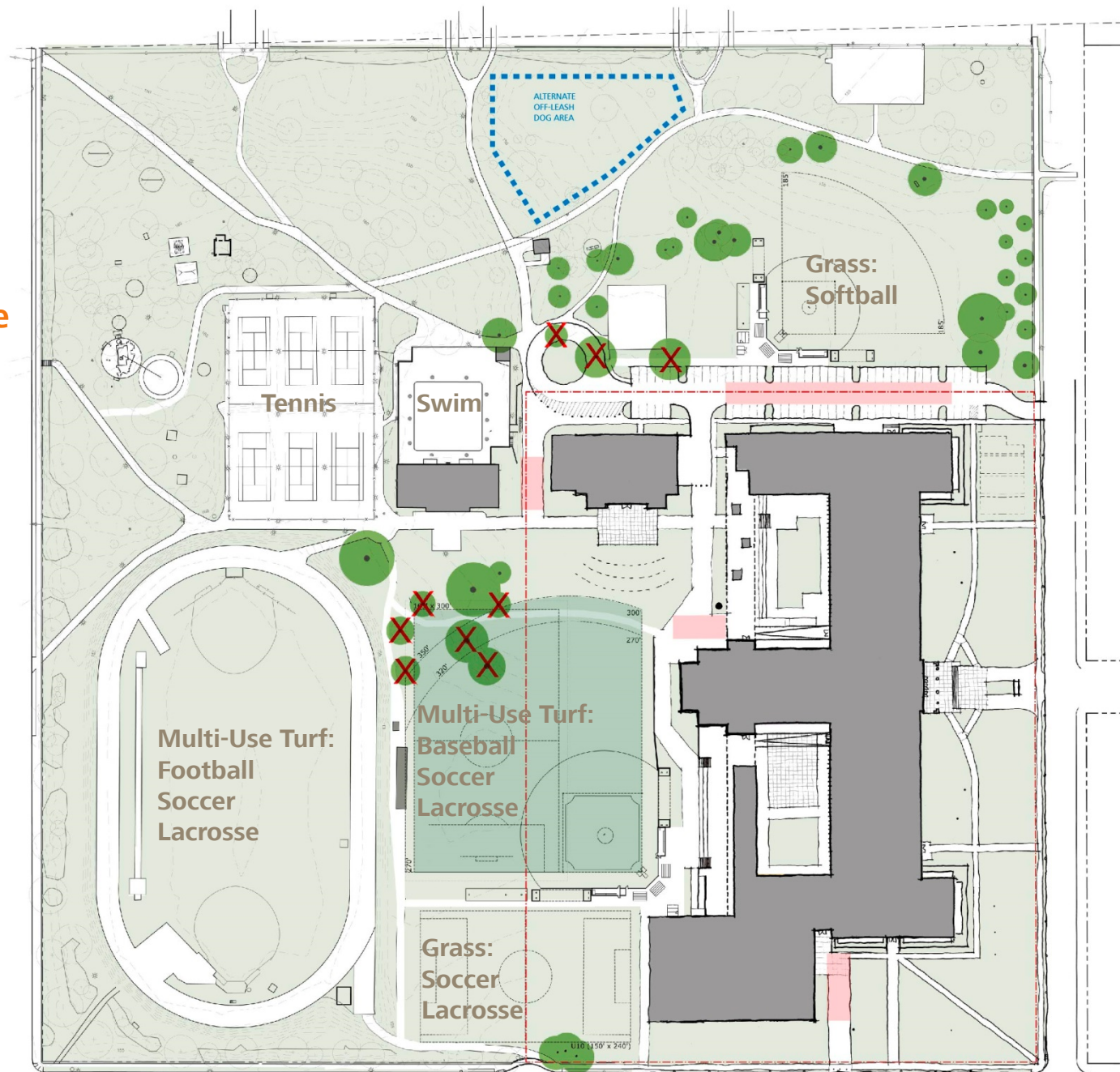
## Option 02

Removes 9 Significant  
Park-Owned Trees:  
**-6 from Central Grove**

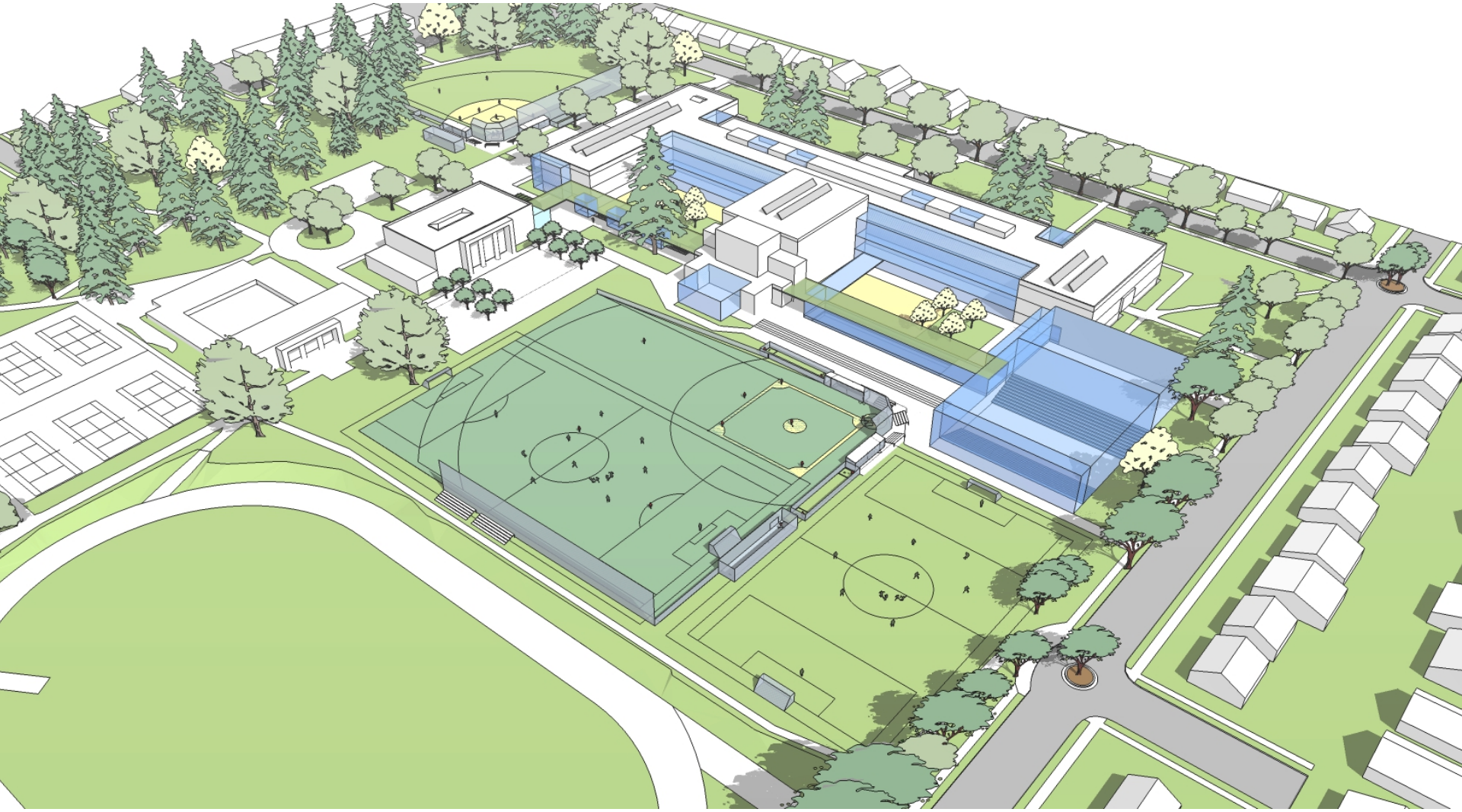
Limited Grandstands

**\$ Implication:**

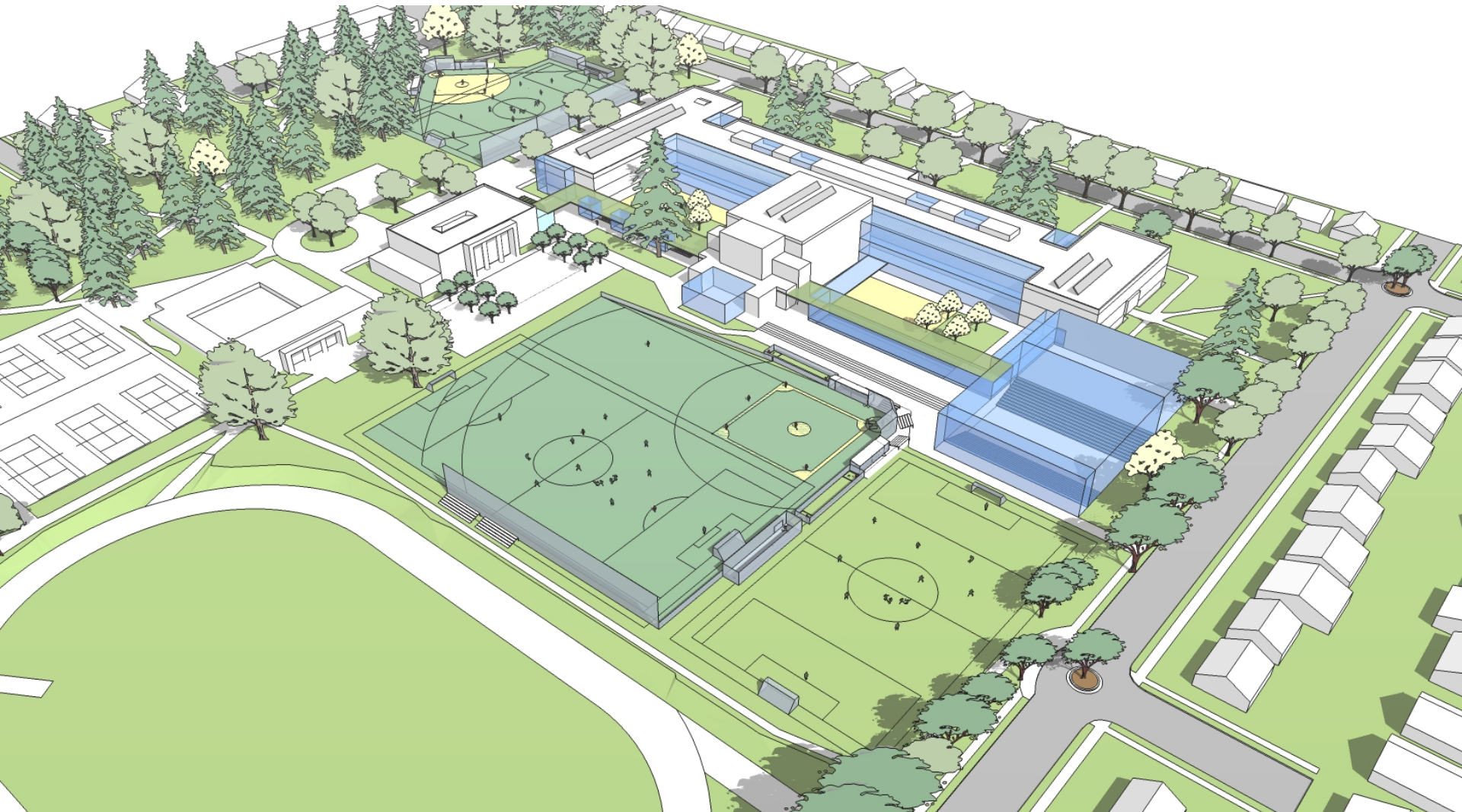
**\$\$\$\$**



# Fields :: Option 02



# Fields :: Option 03



# Fields

## Option 03

### 1 Multipurpose Shared Use Field, Turf:

Baseball  
(shortened left outfield)  
Soccer (regulation size)  
Lacrosse

### 1 Shared-Use Field, Grass:

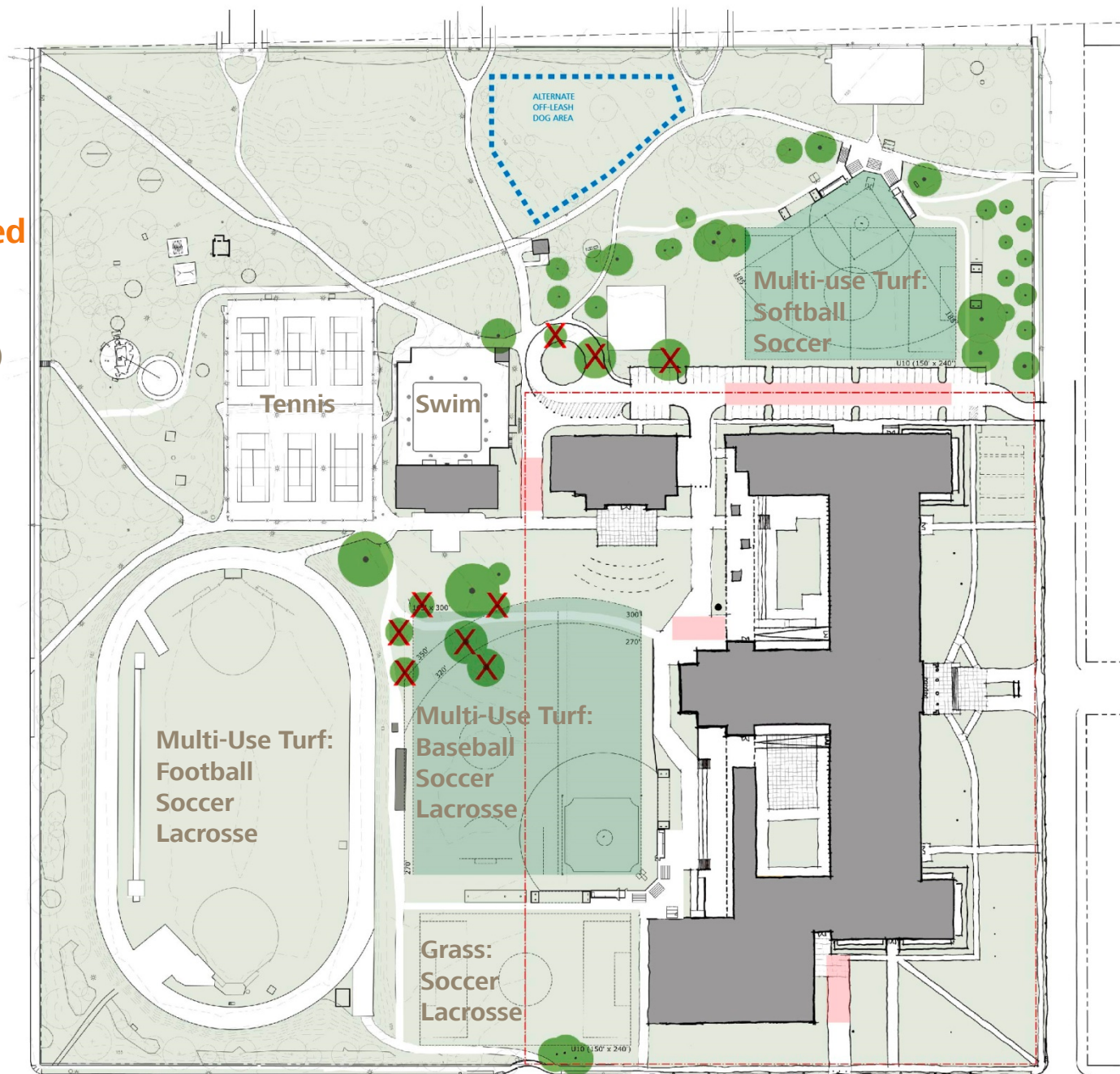
Soccer (U10)  
Lacrosse

### 1 Park Owned Field, Turf:

Softball  
Soccer (U10)

### 1 Multipurpose Park Owned Field, Turf:

Football  
Soccer  
Lacrosse



# Fields

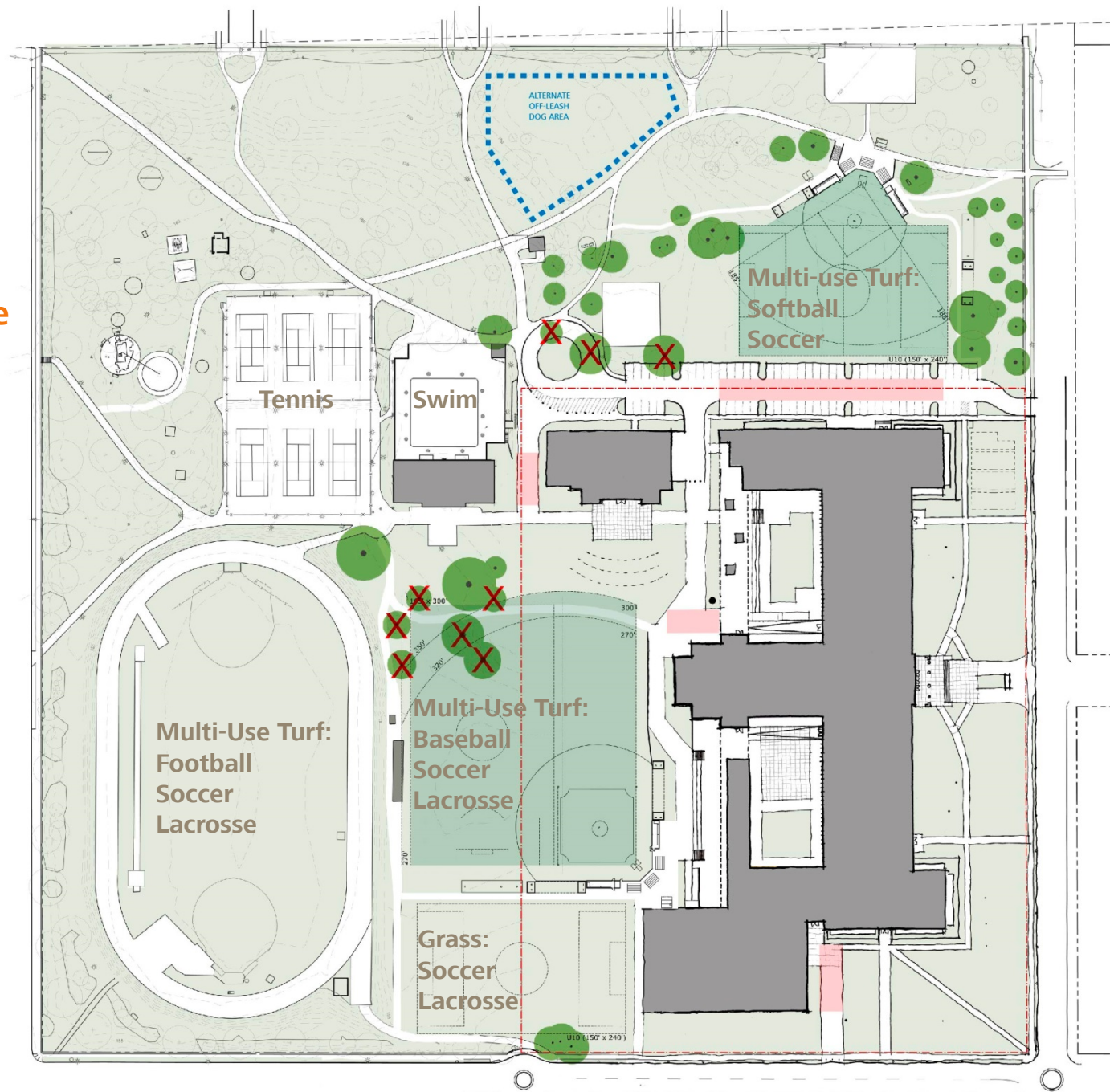
## Option 03

Removes 9 Significant  
Park-Owned Trees:  
**-6 from Central Grove**

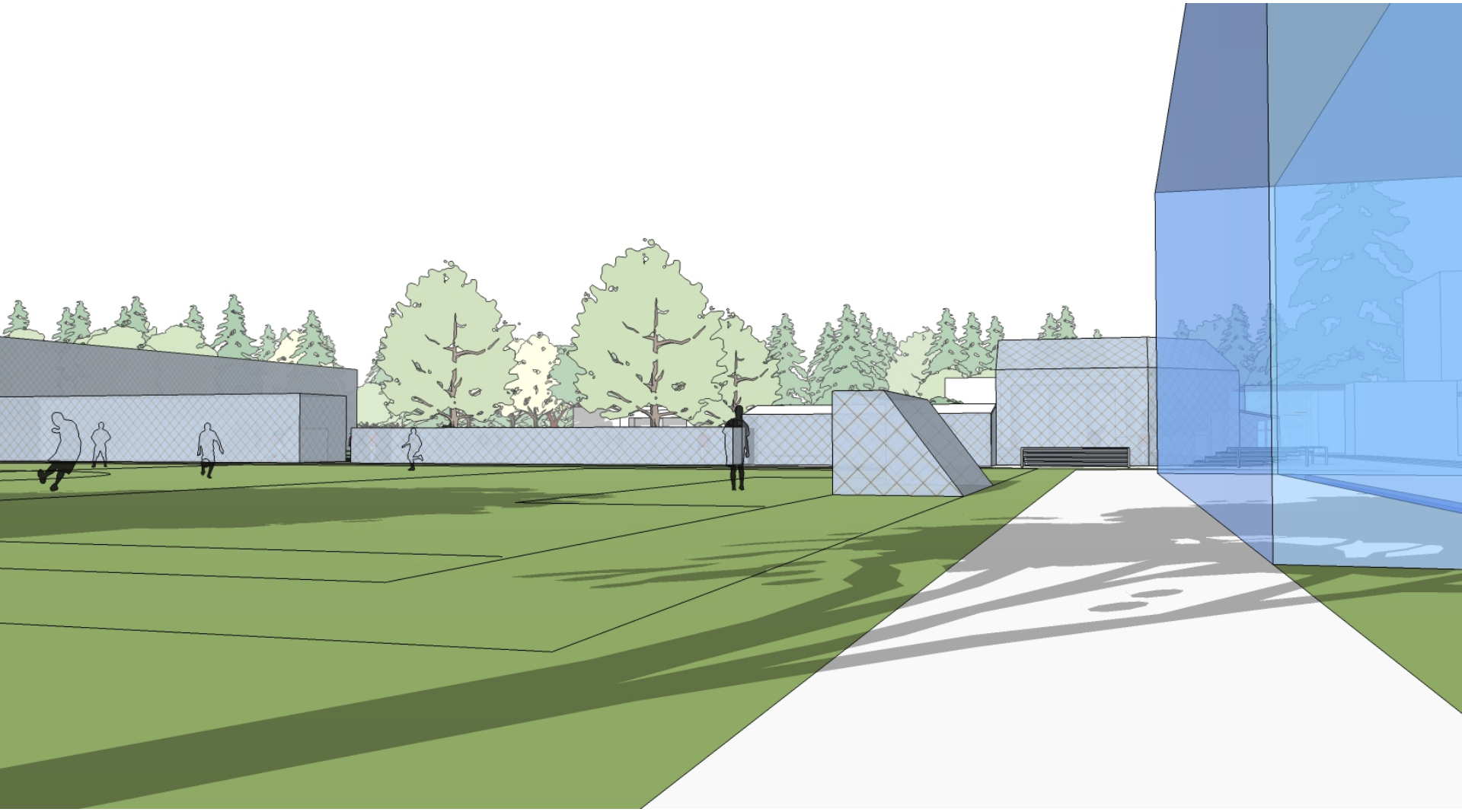
Limited Grandstands

**\$ Implication:**

**\$\$\$\$**



# Fields :: Option 02

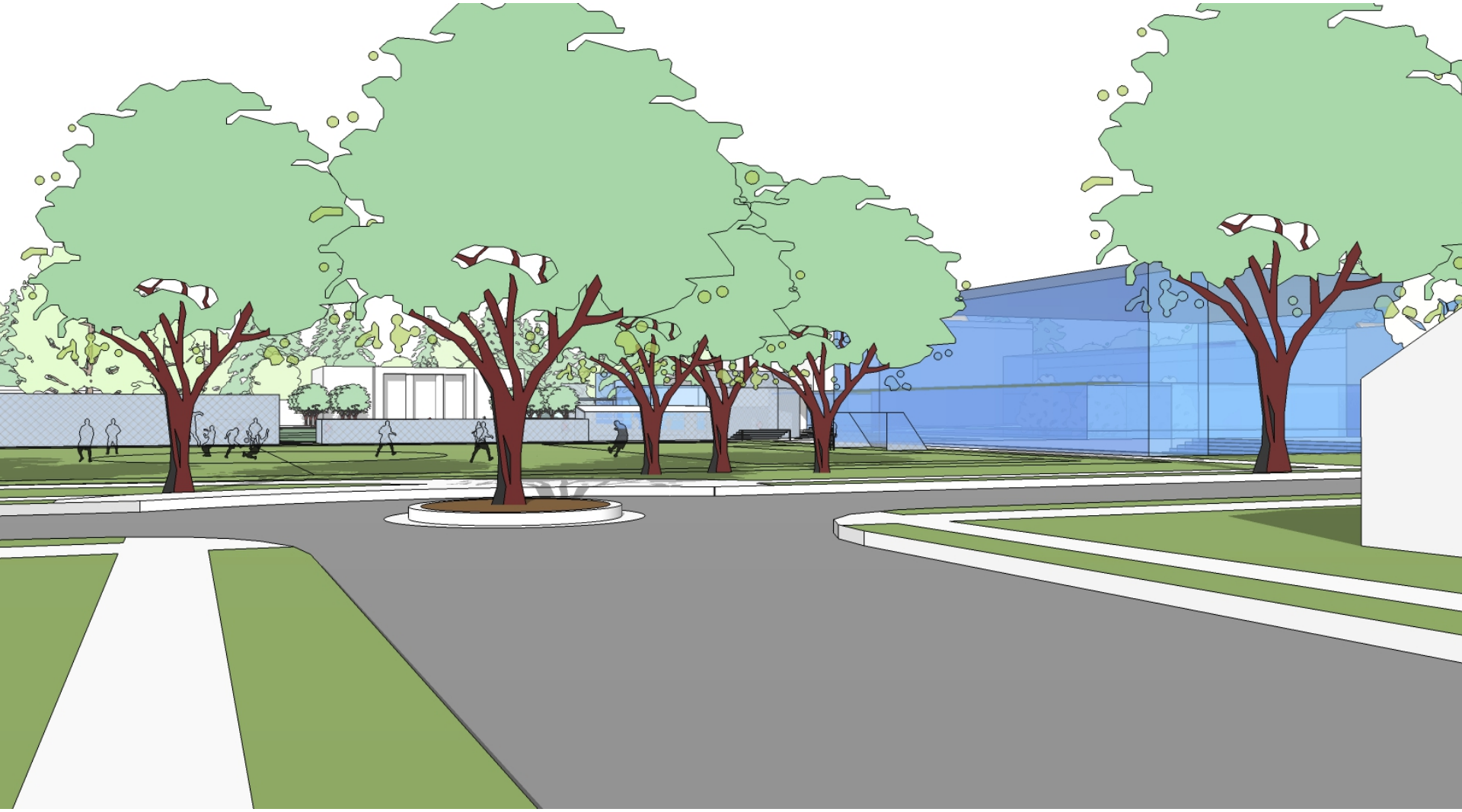


# Fields :: Option 02





# Fields :: Option 02



# Fields

## Option 04

### 1 Multipurpose Shared Use Field, Grass or Turf:

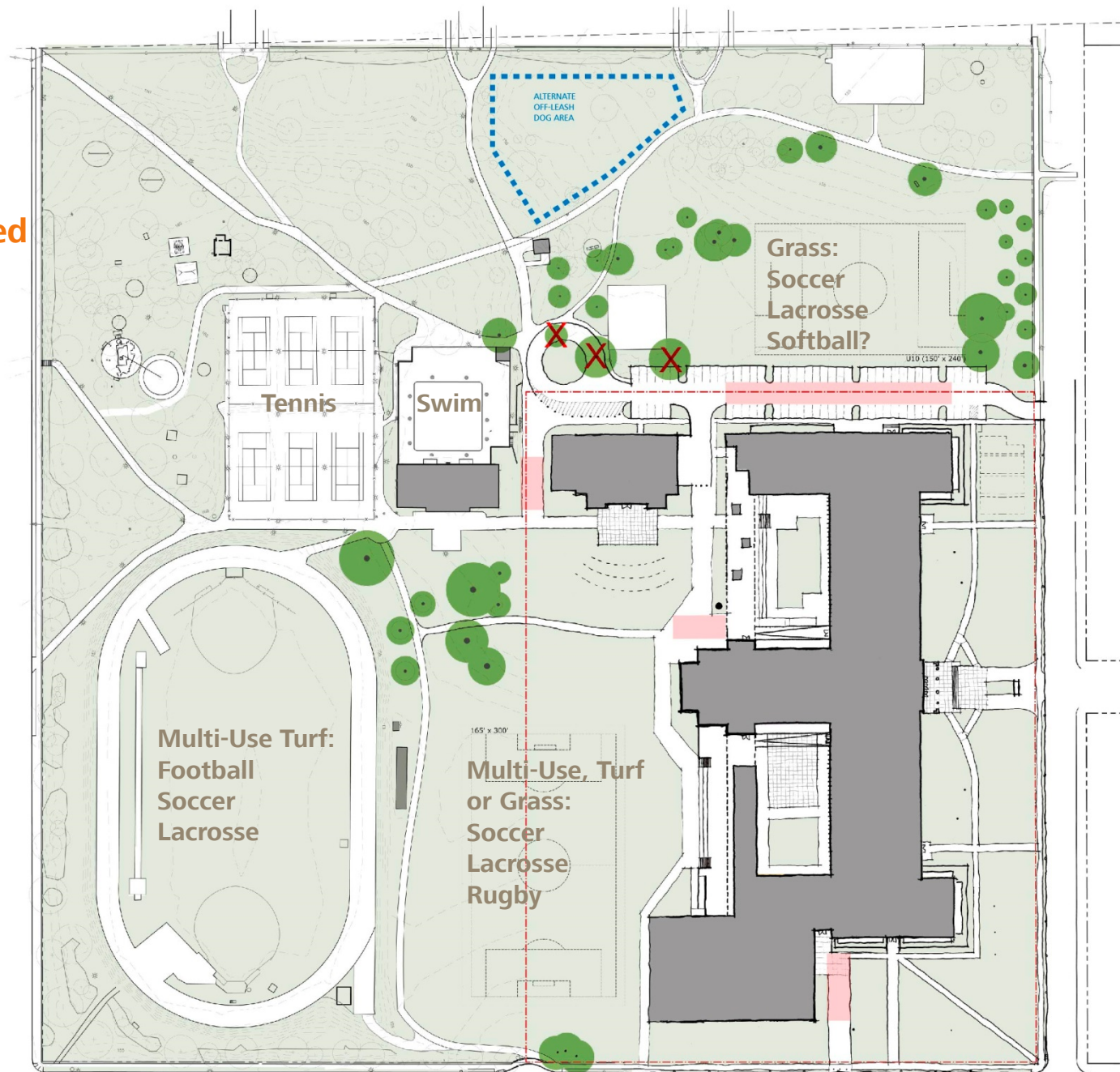
Soccer  
(1 regulation size;  
2 U10 cross-field)  
Lacrosse  
Rugby

### 1 Park Owned Field, Grass:

Soccer (U10)  
Lacrosse  
Softball?

### 1 Multipurpose Park Owned Field, Turf:

Football  
Soccer  
Lacrosse



# Fields

## Option 04

Removes 3 Significant  
Park-Owned Trees:

**All Trees in the Central  
Grove Preserved**

**Ample Room for  
Future Grandstands:**

Football  
Soccer  
Lacrosse  
Rugby

**Off-Site Fields:**

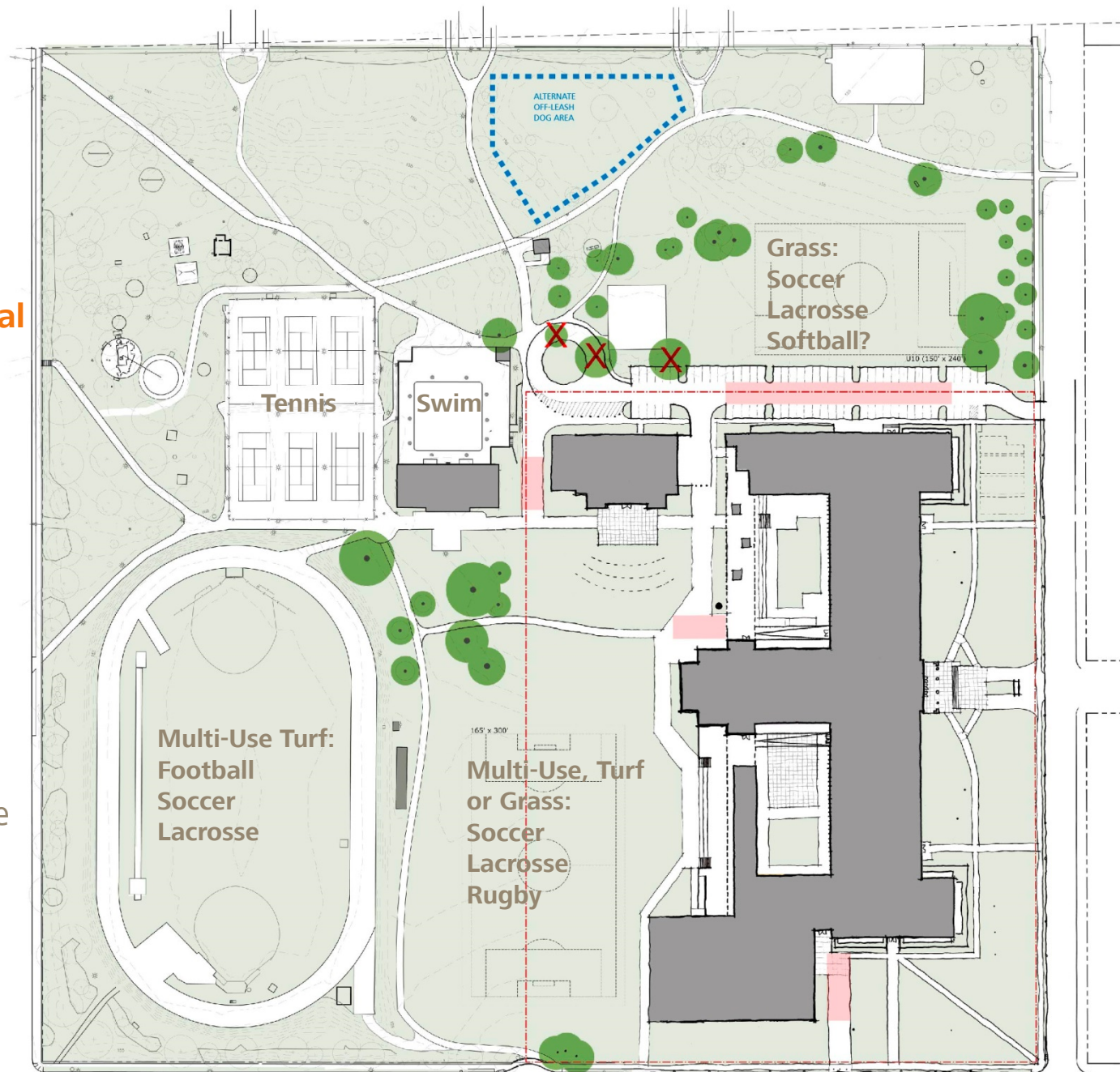
Baseball  
Softball (Option; on-site  
in Park to North)

**\$ Implication:**

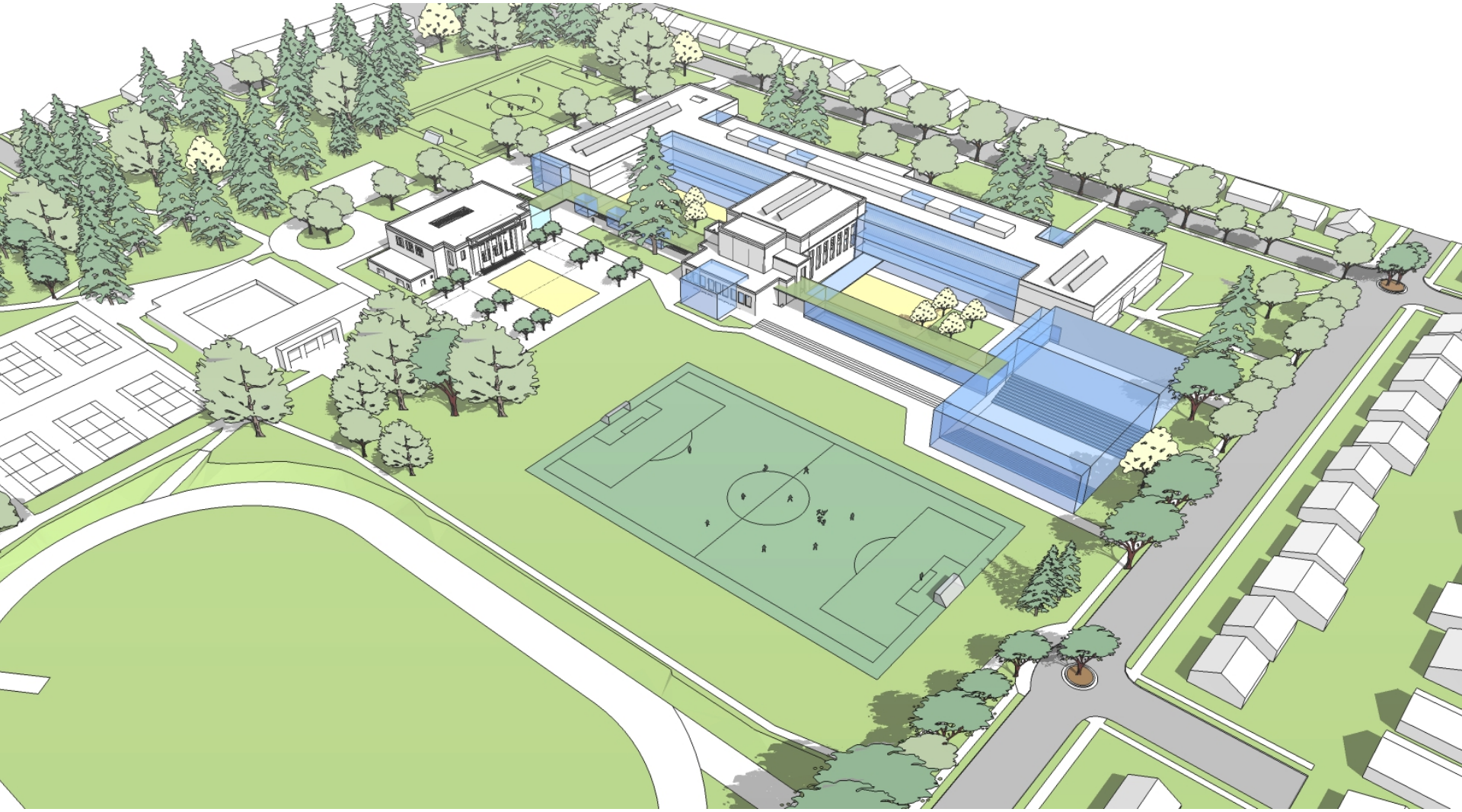
\$\$\$\$

or

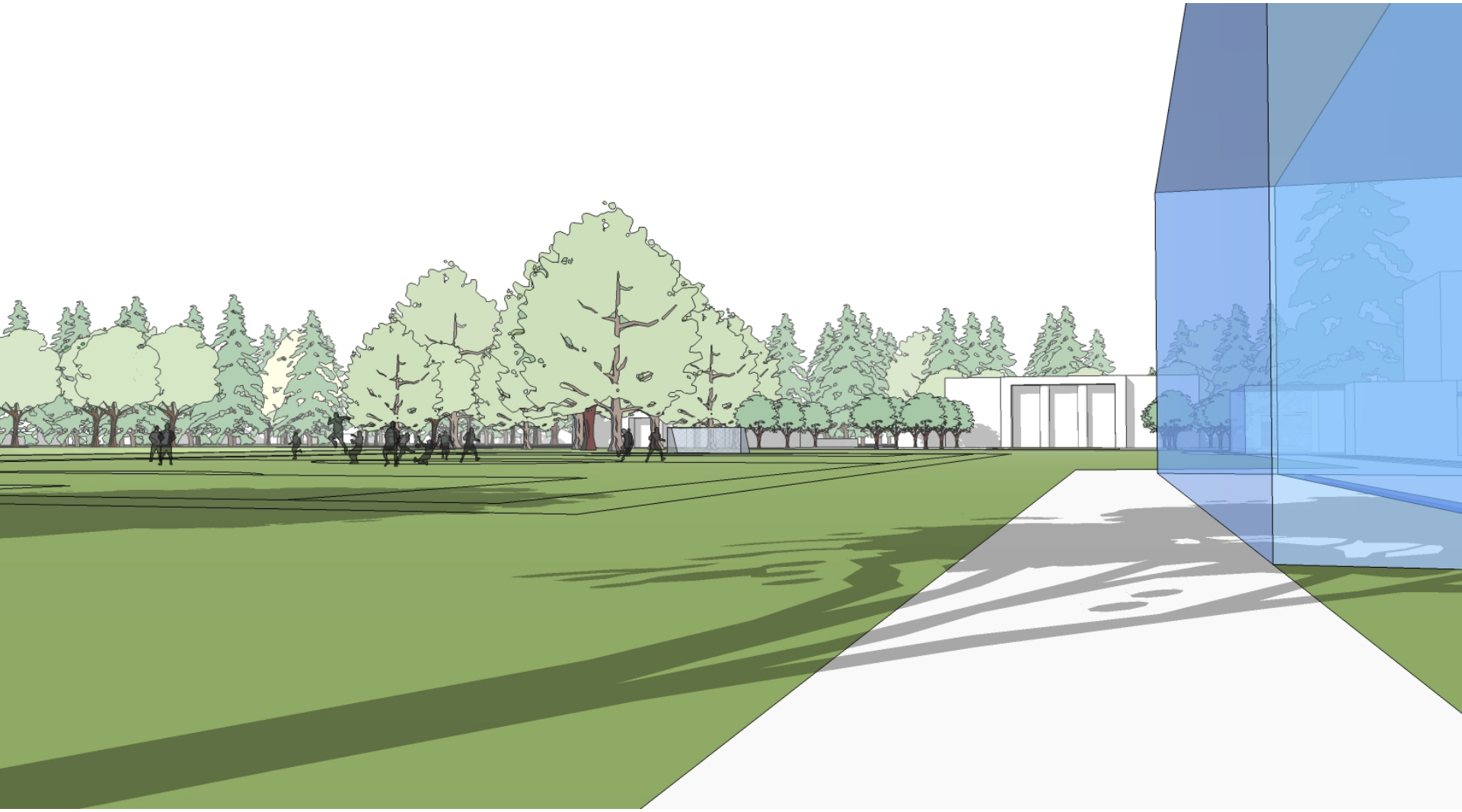
\$\$\$\$ (turf)



# Fields :: Option 04



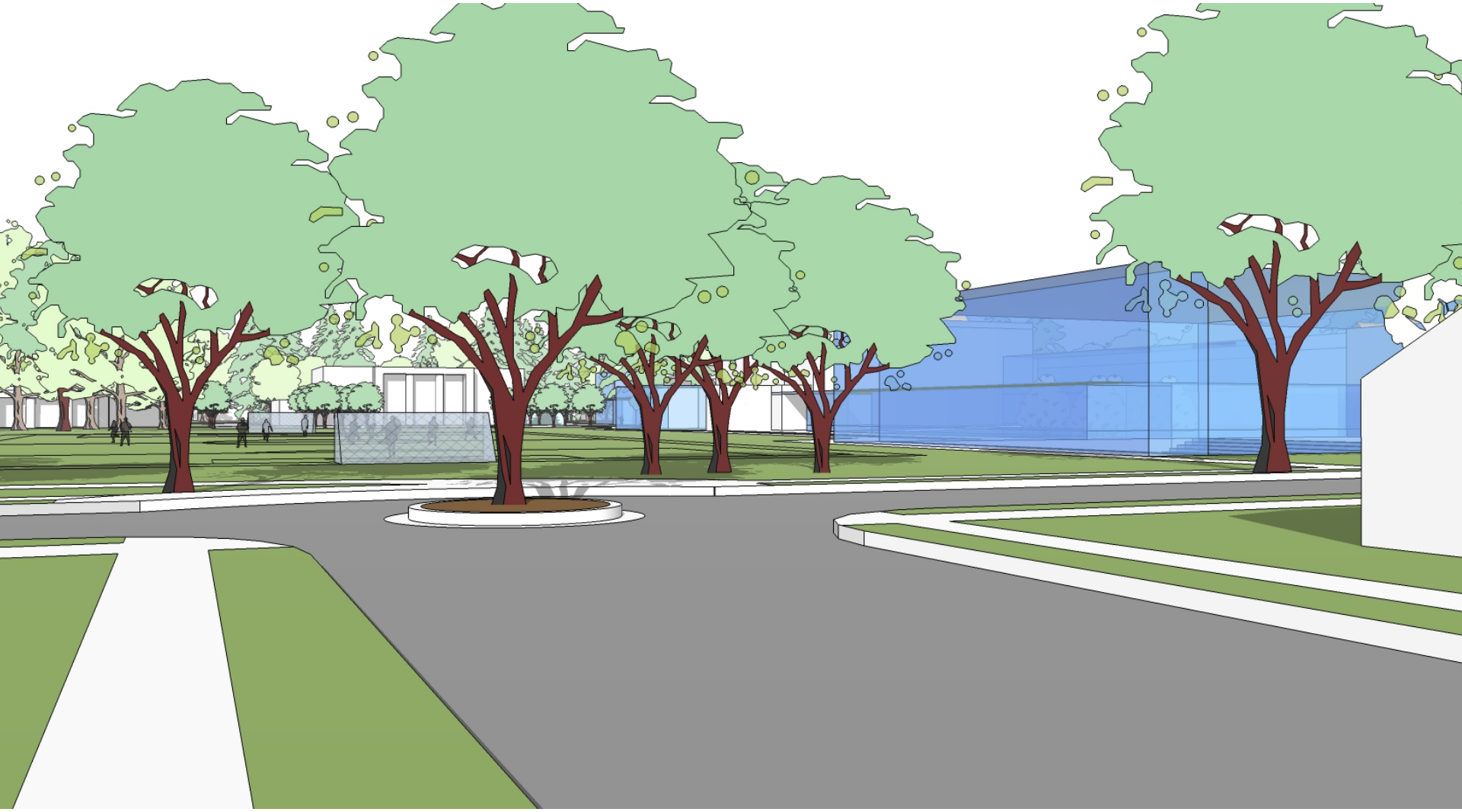
# Fields :: Option 04



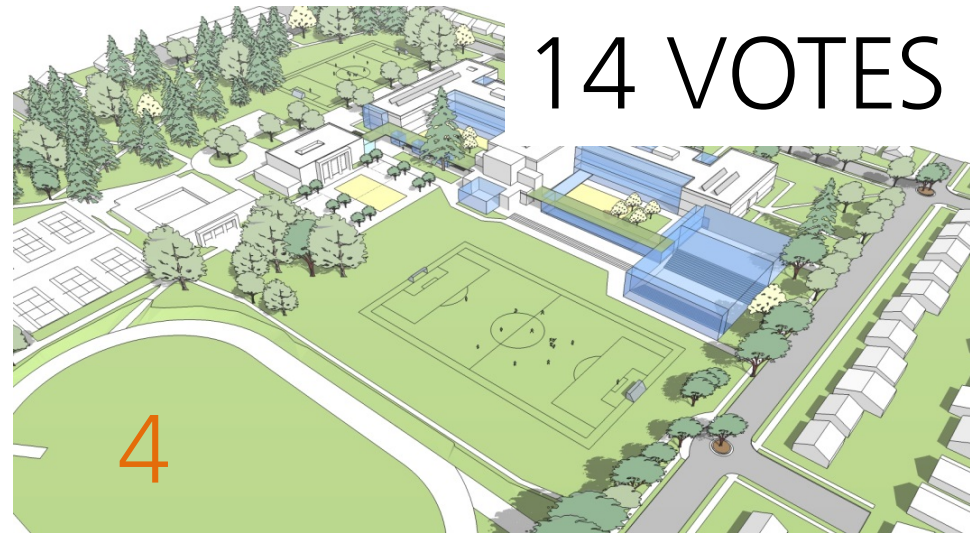
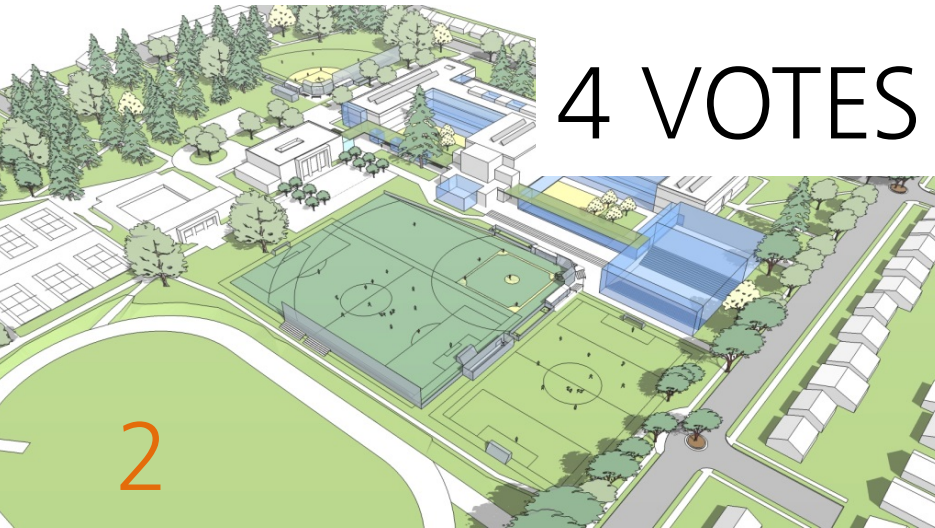
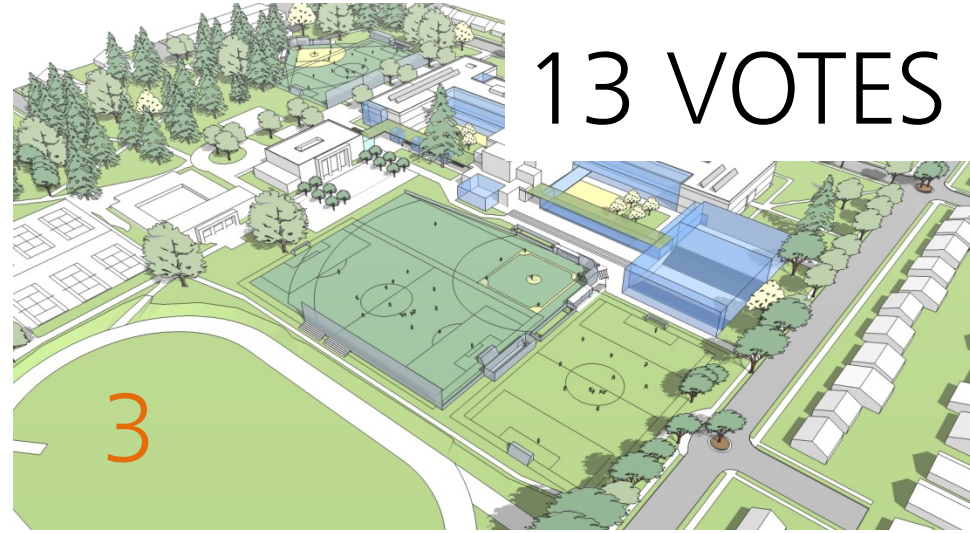
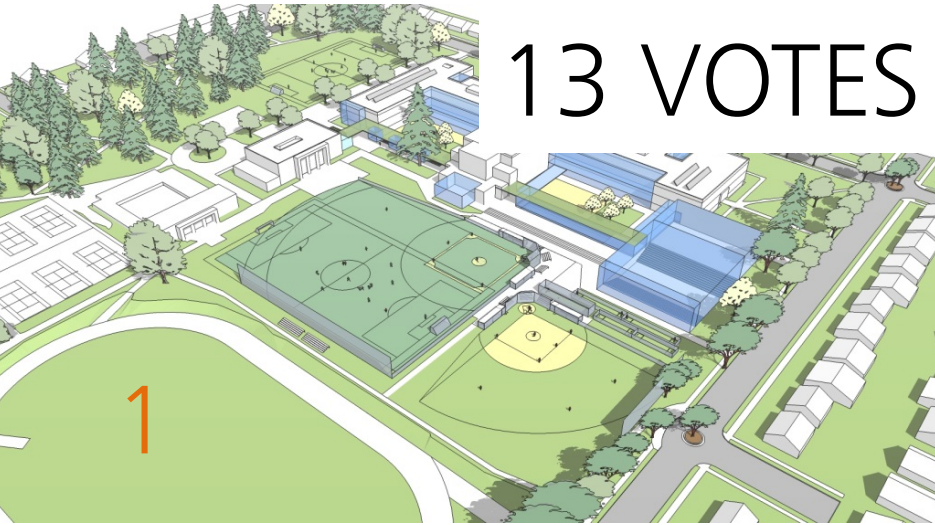
# Fields :: Option 04



# Fields :: Option 04



# Fields :: Synthesis





# Fields

## Option 05

### 1 Multipurpose Shared Use Field, Turf:

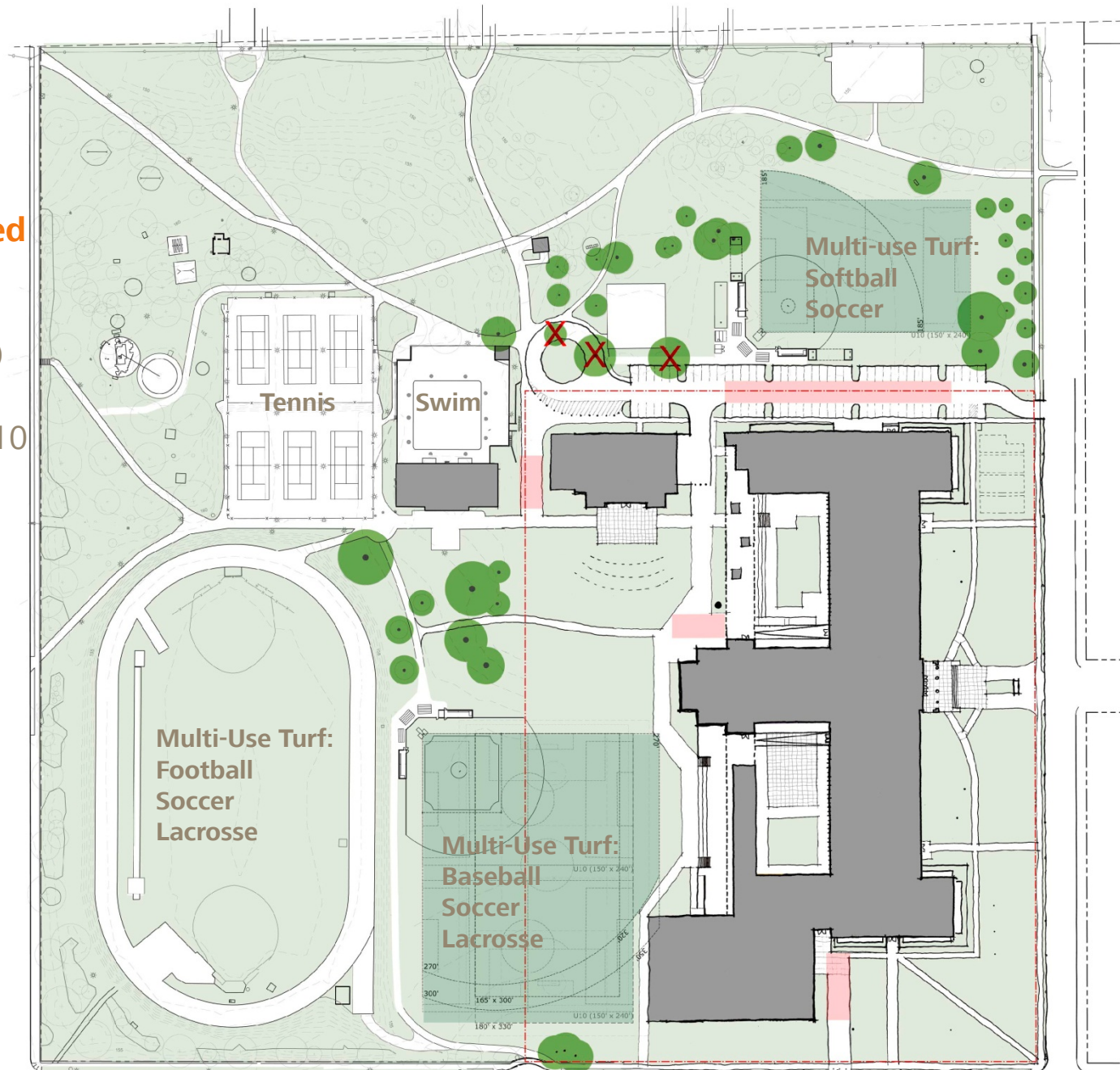
Baseball  
(shortened left outfield)  
Soccer  
(regulation size; or 2 U10 cross field)  
Lacrosse  
Rugby

### 1 Multipurpose Park Owned Field, Turf:

Softball  
Soccer (U10)

### 1 Multipurpose Park Owned Field, Turf:

Football  
Soccer  
Lacrosse



# Fields

## Option 05

Removes 3 Significant  
Park-Owned Trees:

**All Trees in the Central  
Grove Preserved**

**Room for Future  
Grandstands:**

Football  
Baseball  
Softball  
Soccer  
Lacrosse  
Rugby

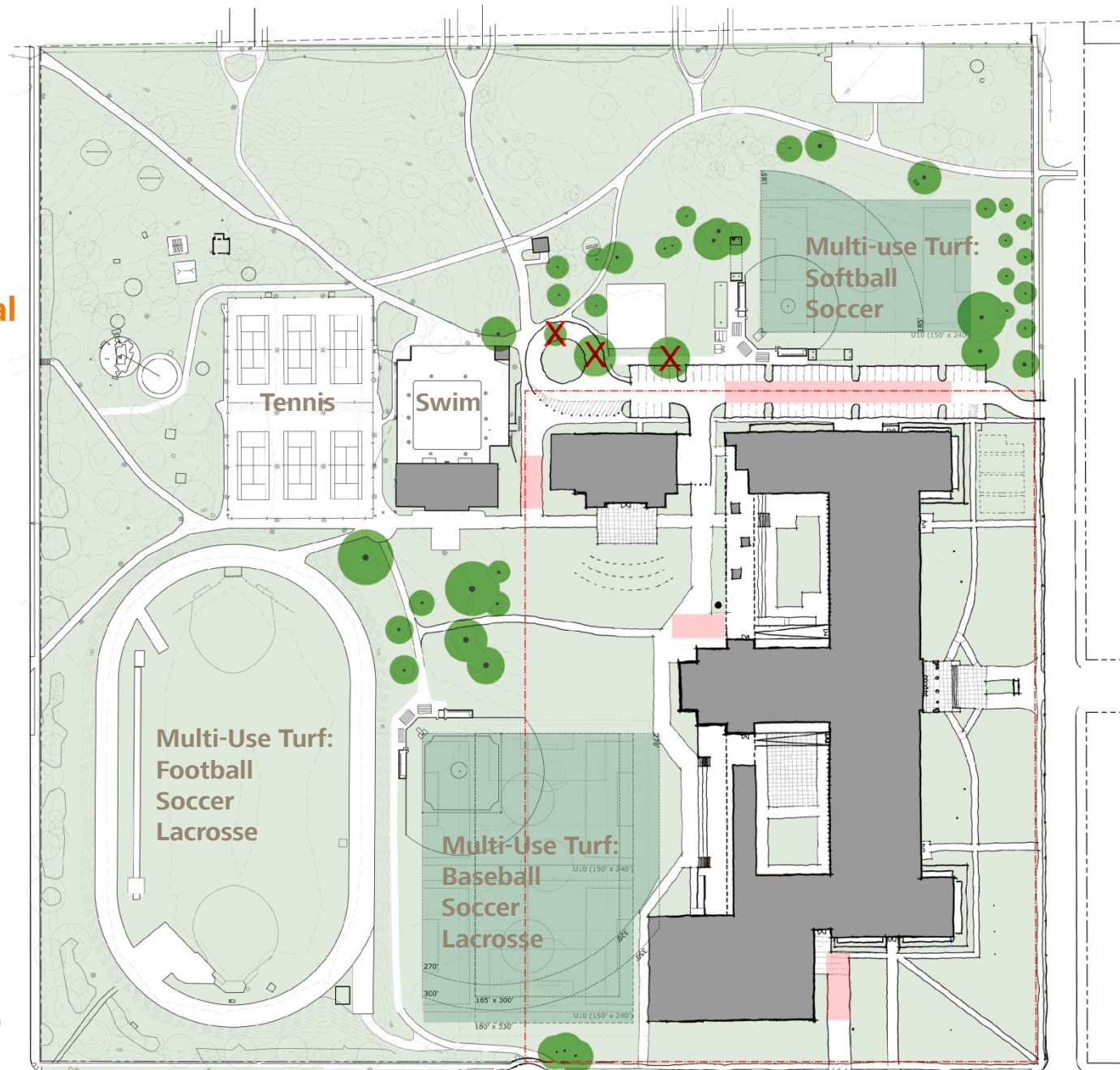
**\$ Implication:**

**\$\$\$**

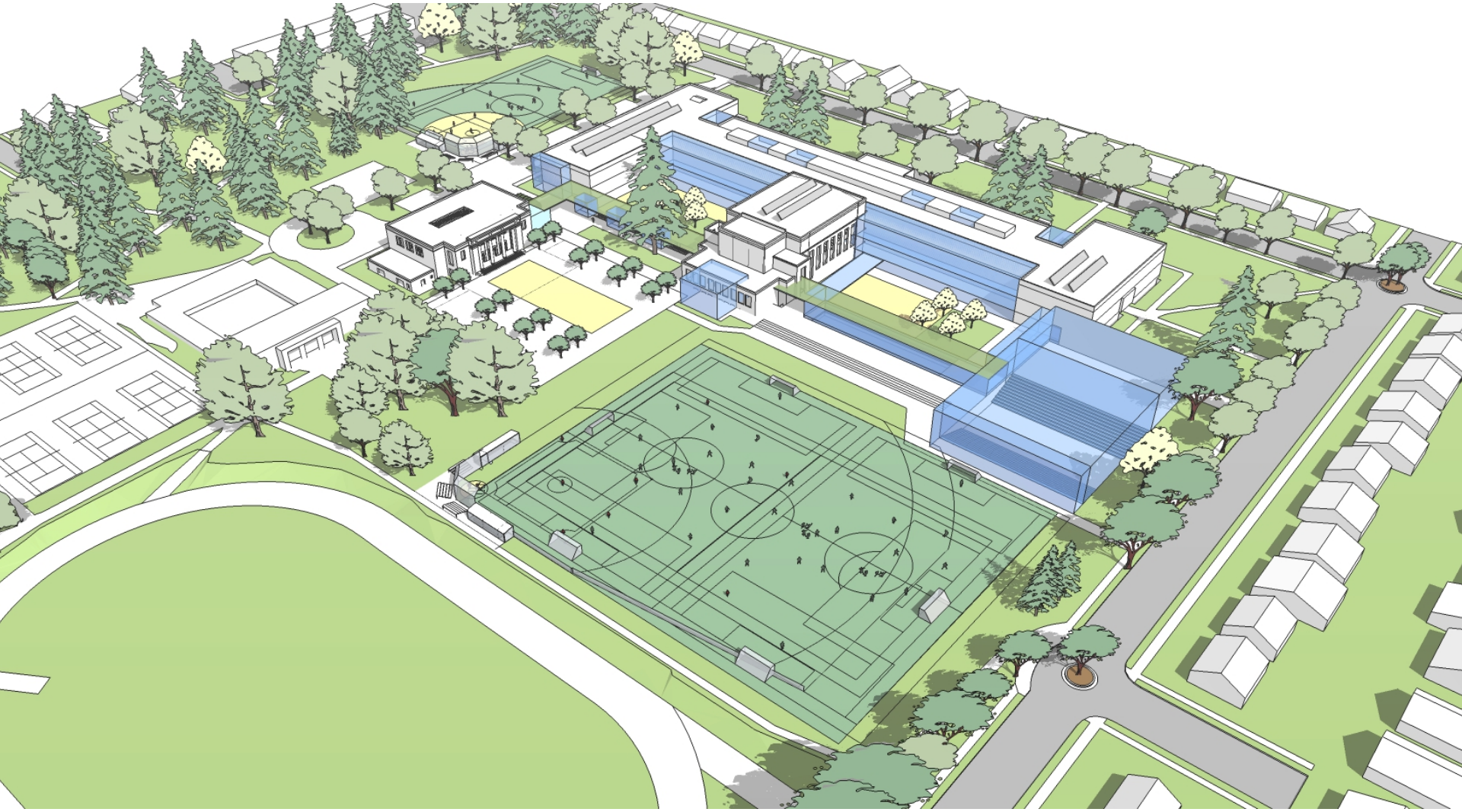
(softball only, grass)

or

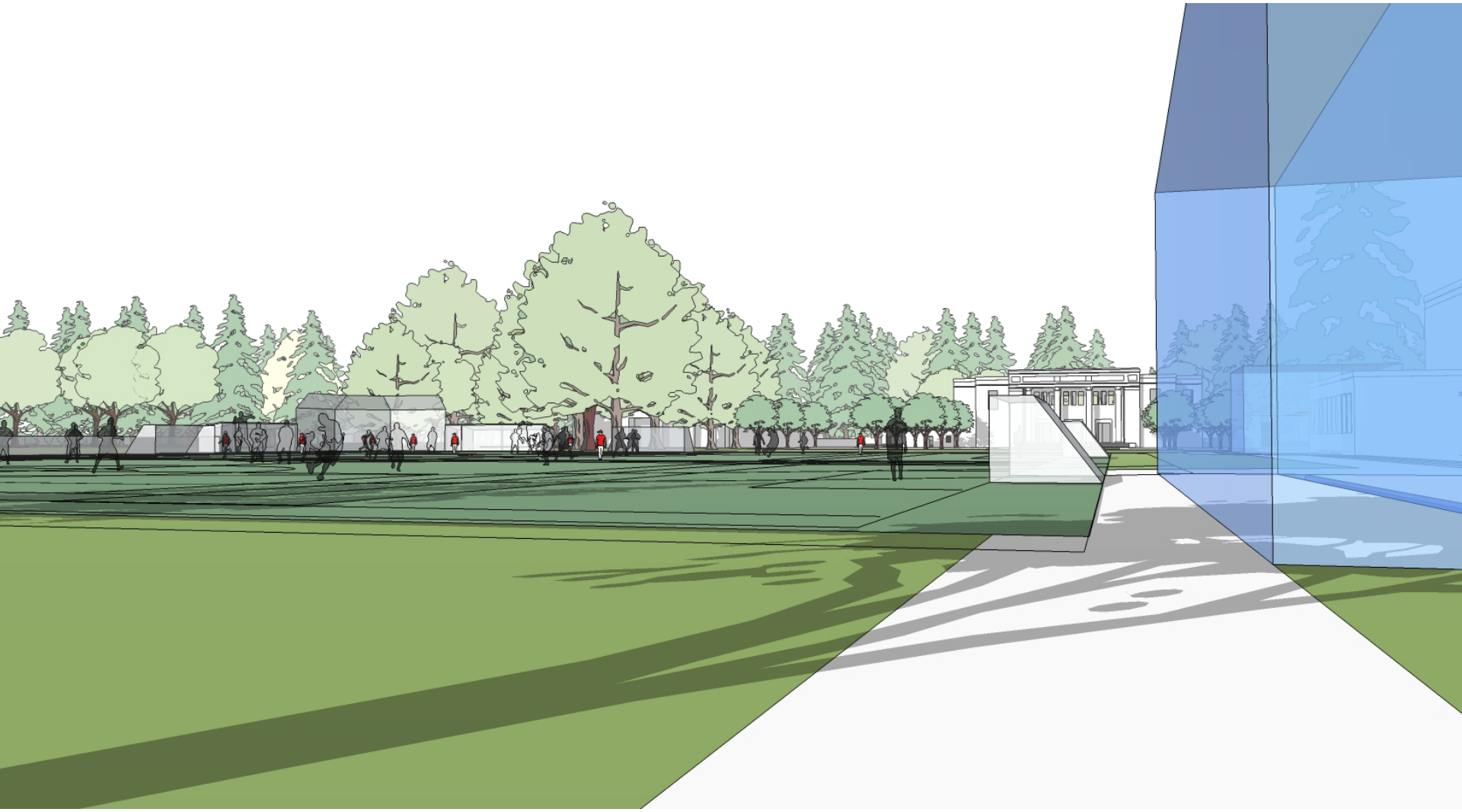
**\$\$\$\$** (turf w/ softball)



# Fields :: Option 05



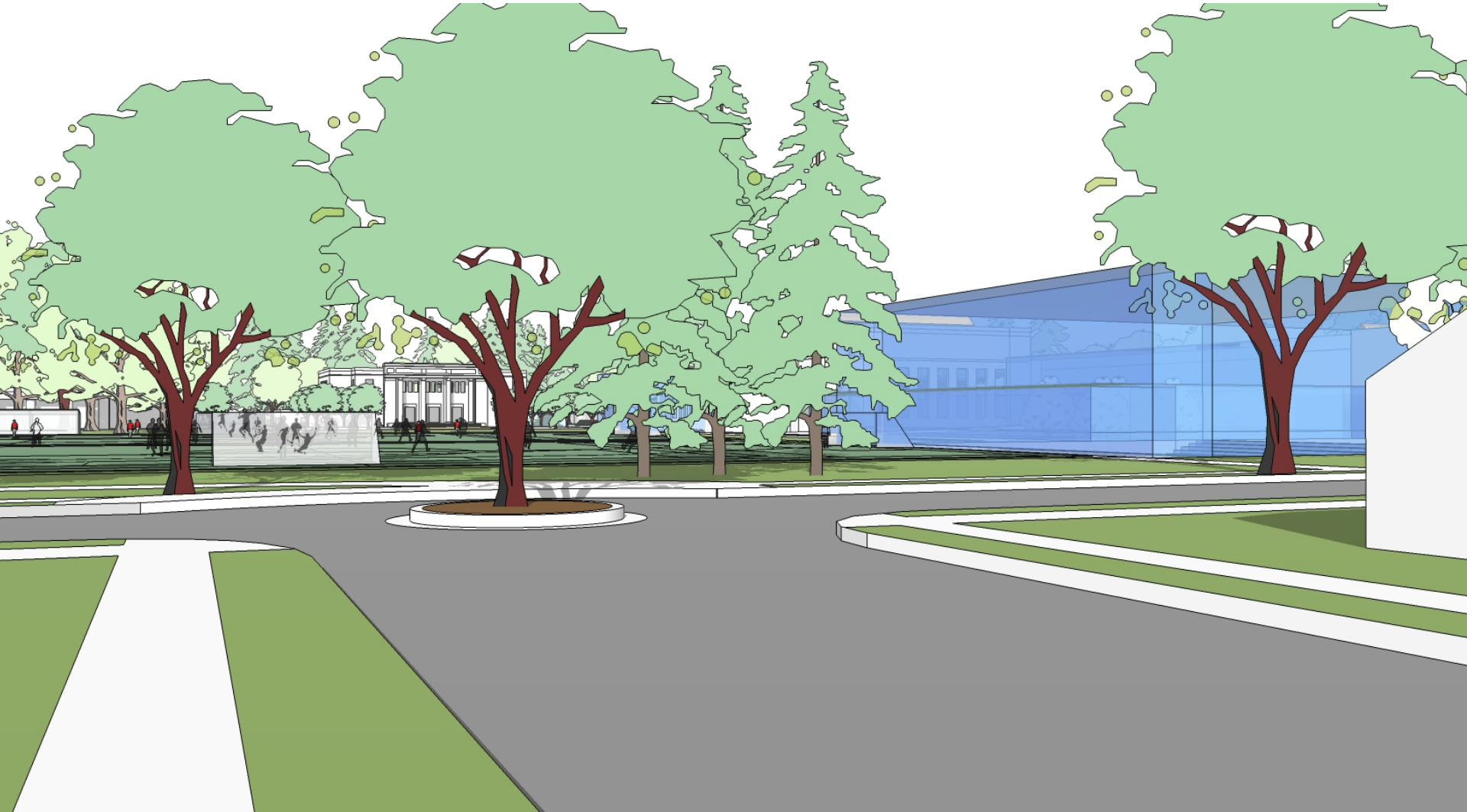
# Fields :: Option 05



# Fields :: Option 05



# Fields :: Option 05



# Hardball: Site Discussion Questions

What if we went with the majority on each of the issues addressed in the spectrums?  
How will we capture the students' voices? What ideas will you personally champion?

1

## Is Baseball & Softball on Site?

As a unified  
DAG, what  
will you  
advocate for?

### WHAT WE KNOW

The **majority of the community** wants all sports on the site: baseball, softball, and soccer fields- split

**Portland Parks & Recreation** wants more soccer fields, and also owns part of the property necessary to achieve all sports on site.

**Portland Public Schools** is currently in negotiation with PPR to see what is possible, in terms of property ownership and use.

# Hardball: Site Discussion Questions

What if we went with the majority on each of the issues addressed in the spectrums?  
How will we capture the students' voices? What ideas will you personally champion?

## 2 Will the mature grove of trees be sacrificed for fields?

As a unified  
DAG, what  
will you  
advocate for?

### WHAT WE KNOW

Many **Grant stakeholders & students and community** have expressed keeping a park-like setting is important

Baseball will have a **compromised outfield** in all current proposed layouts.

Many community members have expressed the need for grandstands and **competition infrastructure**. This may require creating one competition field, and the rest as practice fields.



# Hardball: Site Discussion Questions

What if we went with the majority on each of the issues addressed in the spectrums?  
How will we capture the students' voices? What ideas will you personally champion?

3

## Will the sports fields infrastructure compromise openness to the park & student social areas?

As a unified DAG, what will you advocate for?

### WHAT WE KNOW

Many **Grant stakeholders & students** have expressed the desire for safe student hangout spaces near the building.

Historically, **neighbors** with direct adjacency to the fields are actively involved in what the site feels like.

We **cannot assume** that the infrastructure (netting/fencing) will be present only during the season of the sport.

# What fields are on site?



- interested in more soccer fields
- owns adjacent property necessary to achieve all sports on site.



- interested in accommodating all sports on site: baseball, softball, soccer and lacrosse on a multi-use turf field.



- currently in negotiation with PP&R to see what is possible, in terms of property ownership and shared use.



- what will the majority of students and teachers utilize? how many students will the fields support?



- what will the neighbors say about sports field fencing and infrastructure?



Who is not represented yet?

# Hardball: Fact Check/DAG Homework

We heard from a number of participants at Schematic Design Workshop 1 talking about sports trends and neighbor opinions. What will your research uncover?

Has anyone spoken to neighbors directly adjacent to the fields?

How many students at Grant High School play each sport? Over the last 5 years? Projected numbers?

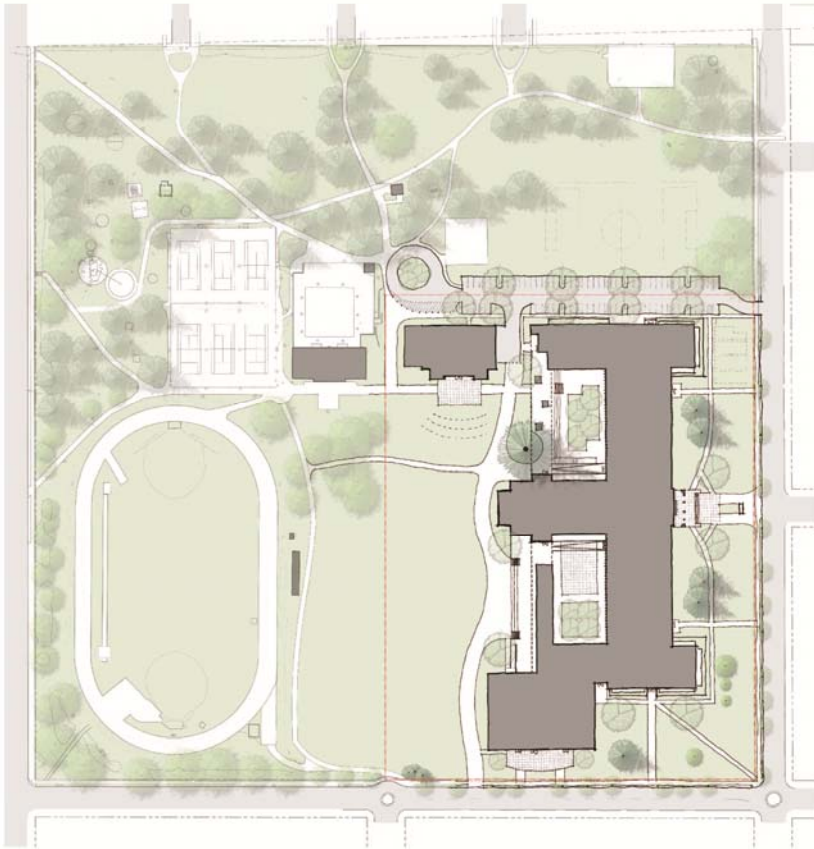
Do we know how many people would be supported by each sport field type?

What kind of data can we collect to make a decision & move forward?

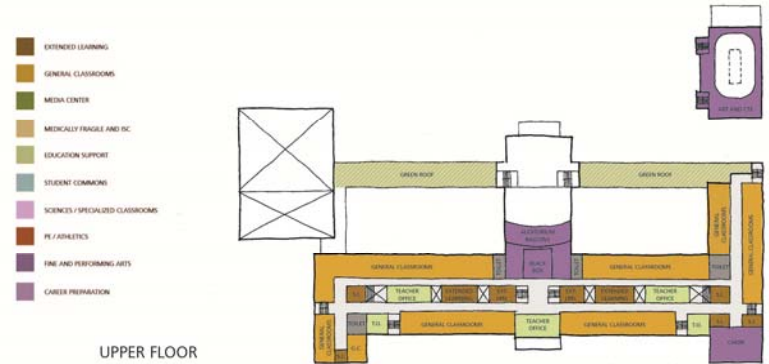
# Master Plan Feedback :: Schematic Design Workshop 1

# Masterplan Feedback

## SITE CONCEPT



## BUILDING CONCEPT AND MASSING



UPPER FLOOR



Positive Aspect & Why?

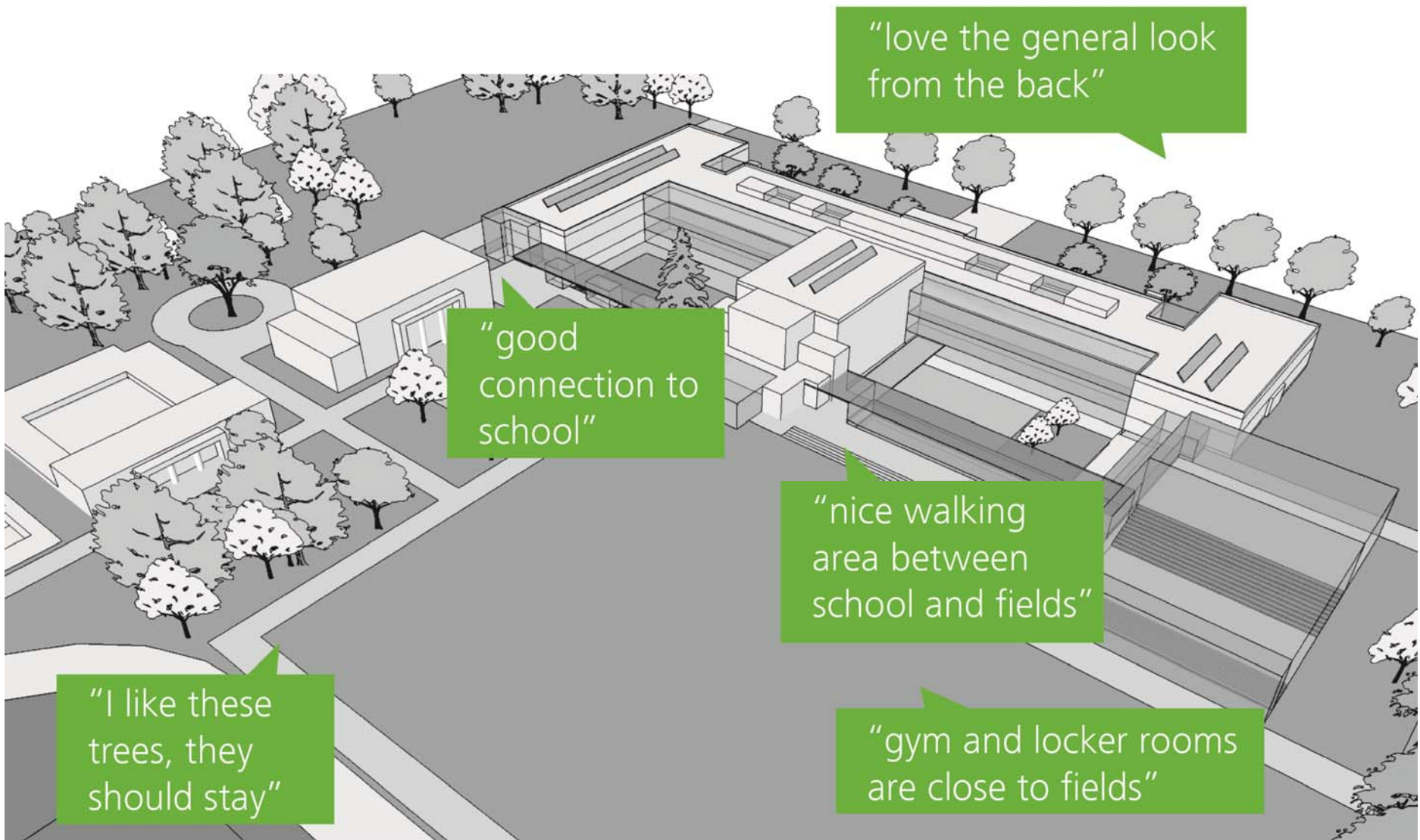
Negative Aspect & Why?

What do you want to know more about?



AM11:02 JAN/ 9/2016

# Site



"love the general look from the back"

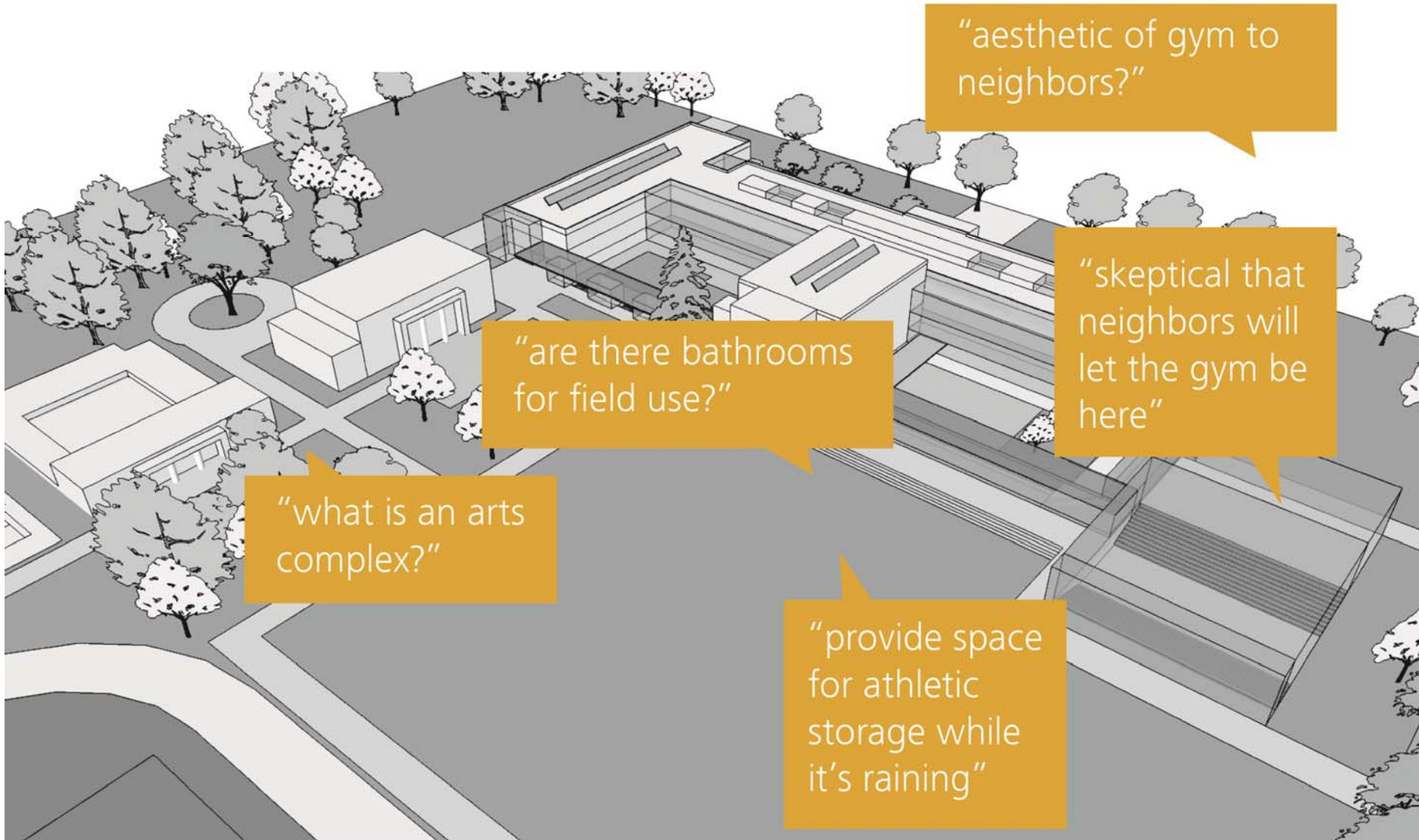
"good connection to school"

"nice walking area between school and fields"

"gym and locker rooms are close to fields"

"I like these trees, they should stay"

# Site



"aesthetic of gym to neighbors?"

"skeptical that neighbors will let the gym be here"

"are there bathrooms for field use?"

"what is an arts complex?"

"provide space for athletic storage while it's raining"



# Site

"concerned about how people enter from 36th"

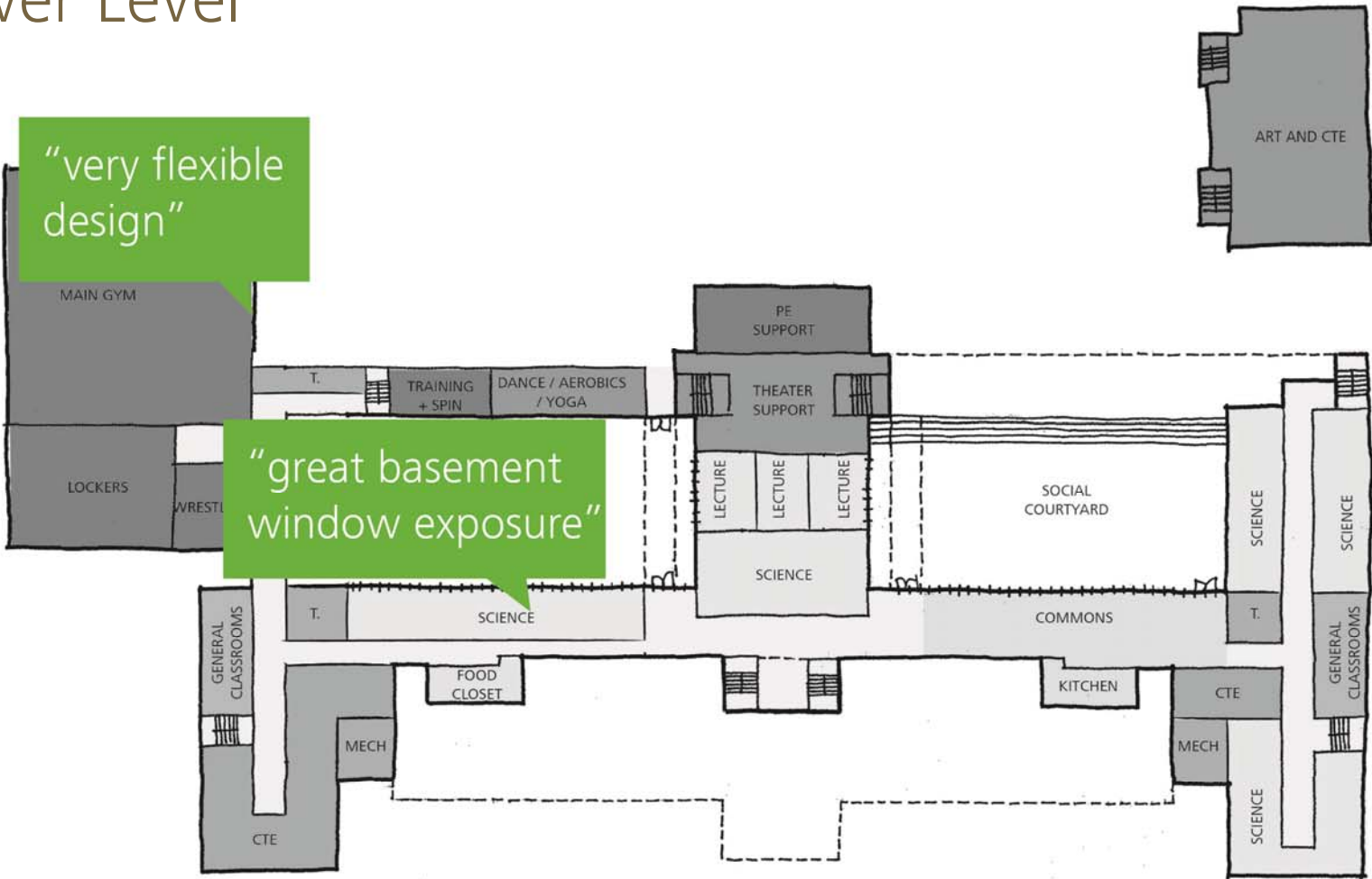
"deep courtyard is not functional"



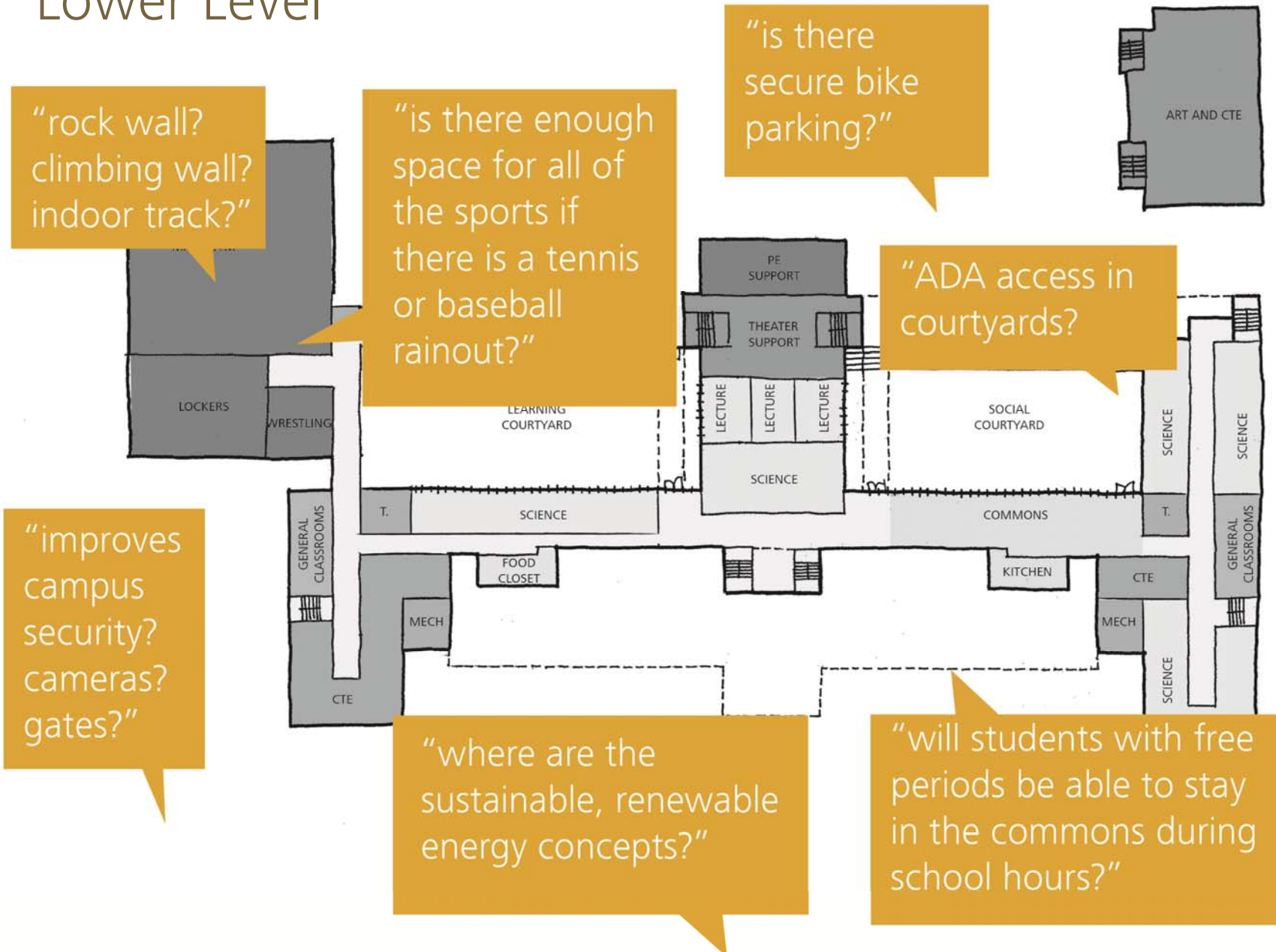
# Lower Level

"very flexible design"

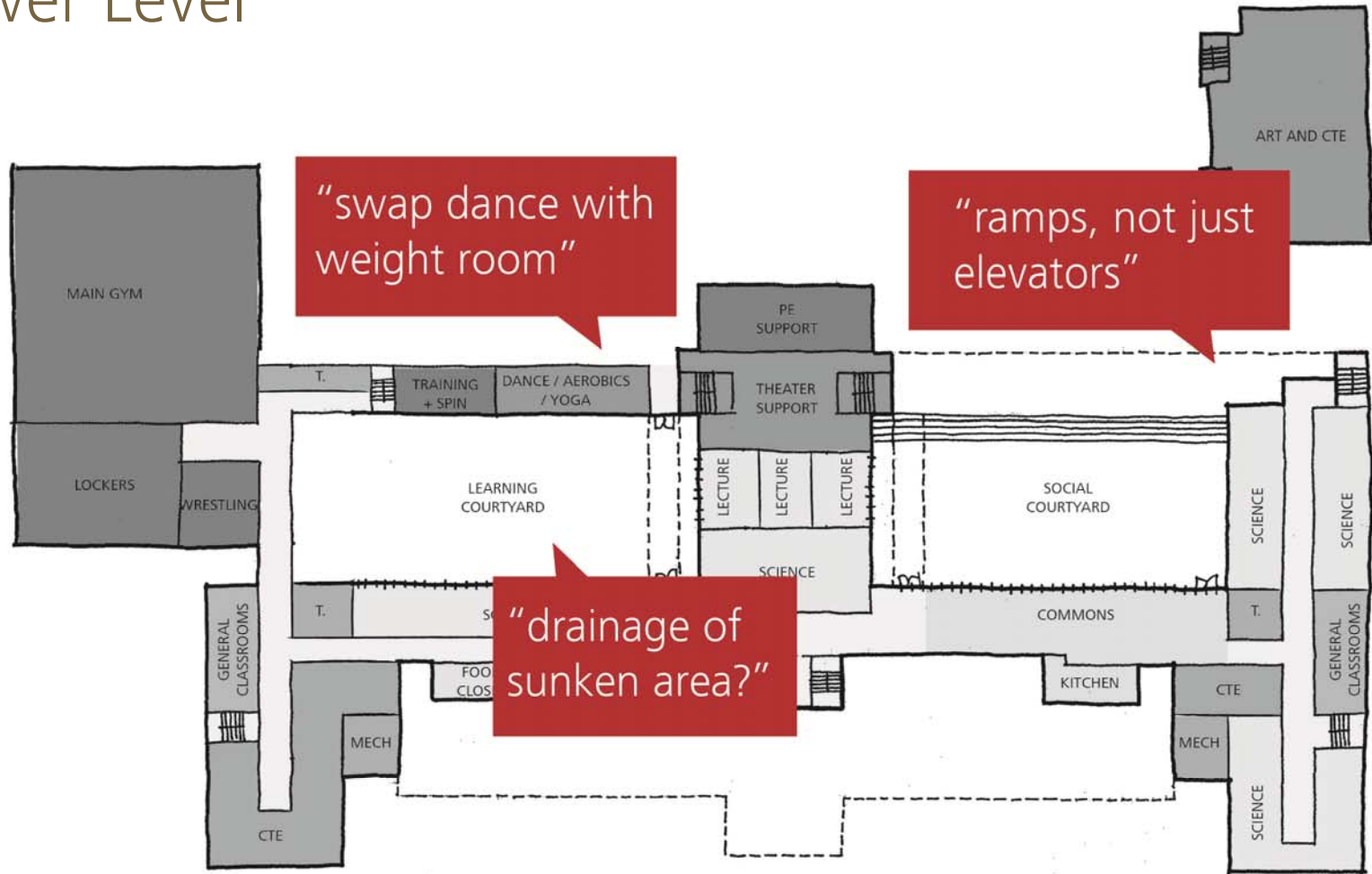
"great basement window exposure"



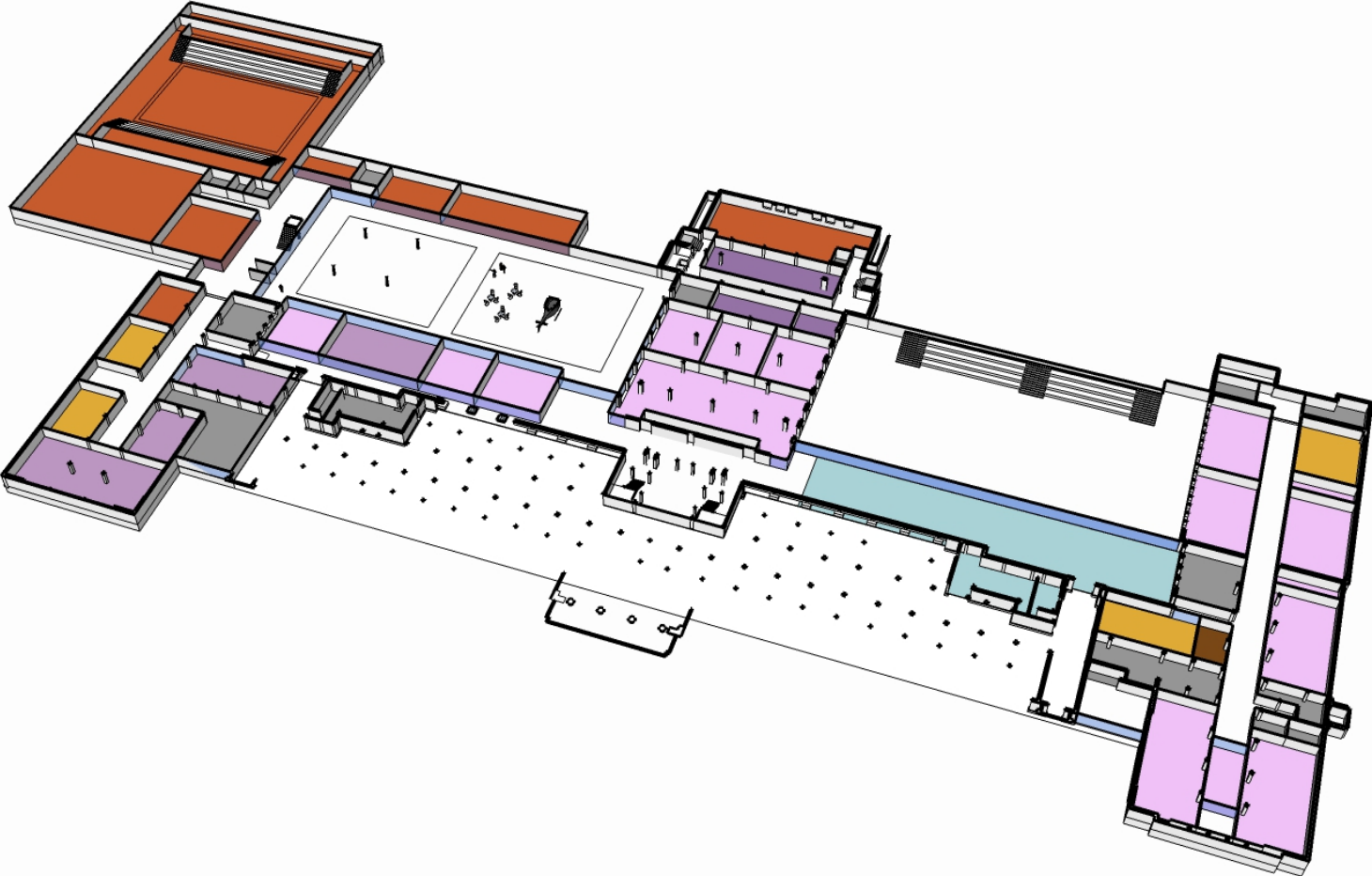
# Lower Level



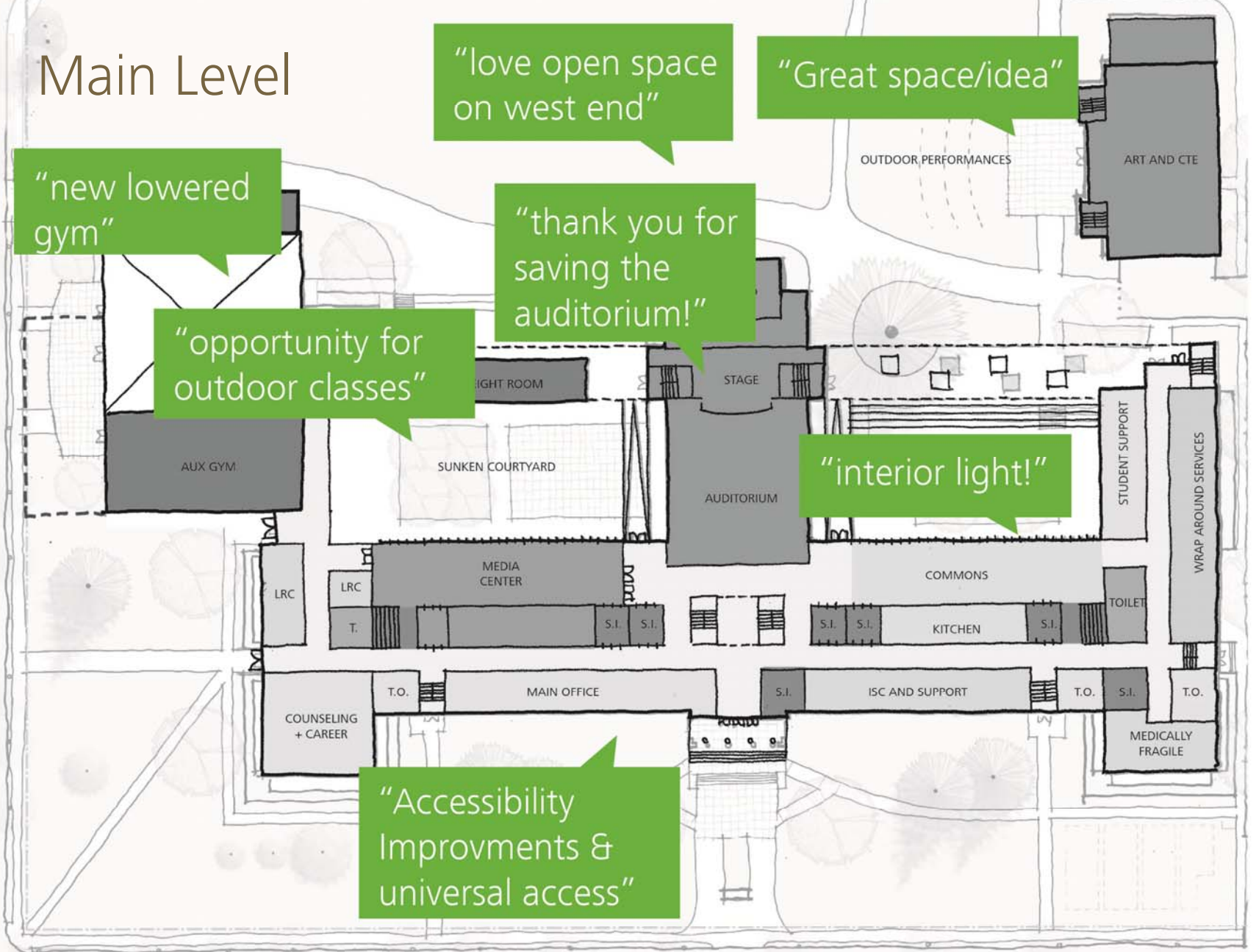
# Lower Level



# Lower Level :: Development



# Main Level



"new lowered gym"

"love open space on west end"

"Great space/idea"

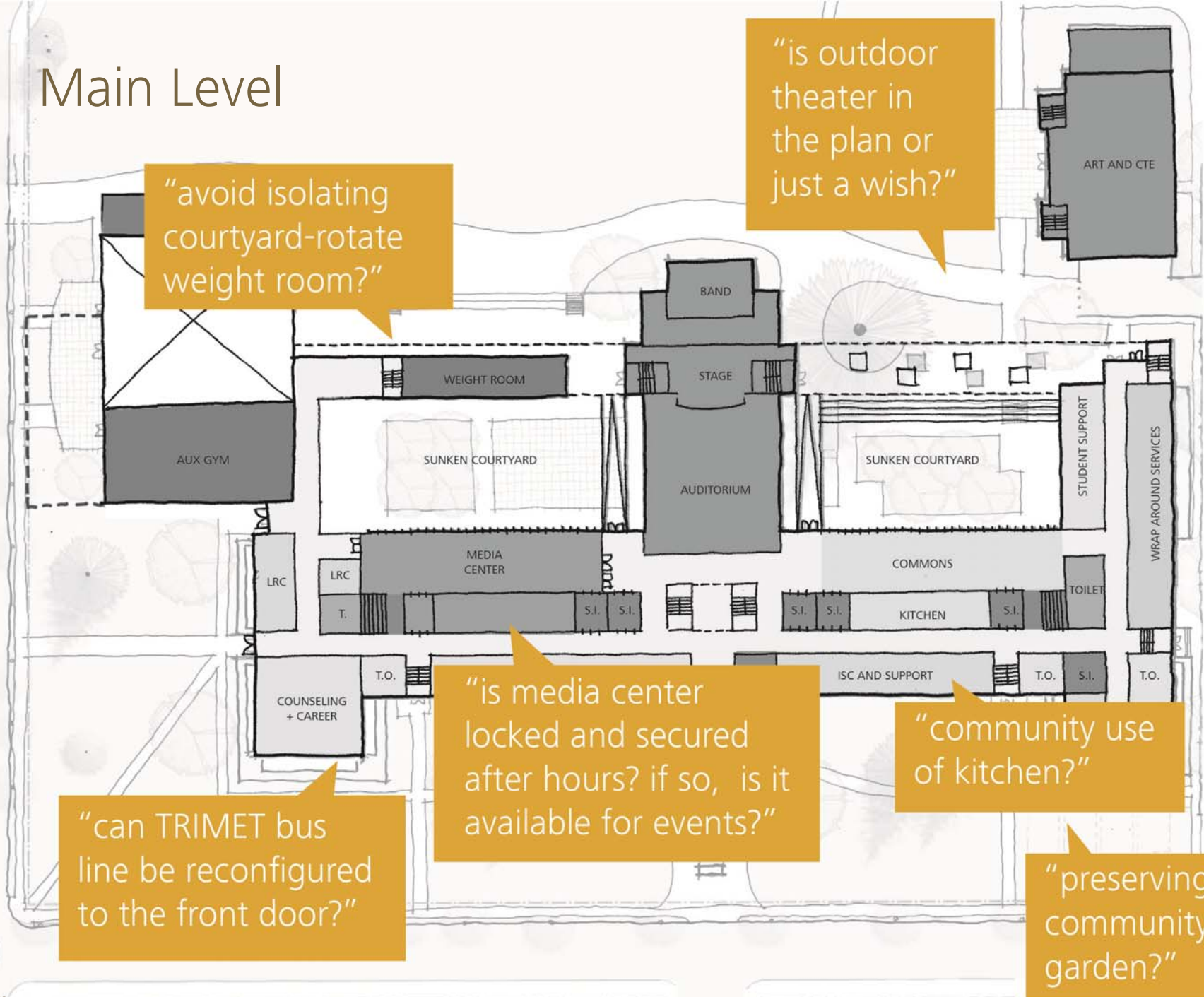
"opportunity for outdoor classes"

"thank you for saving the auditorium!"

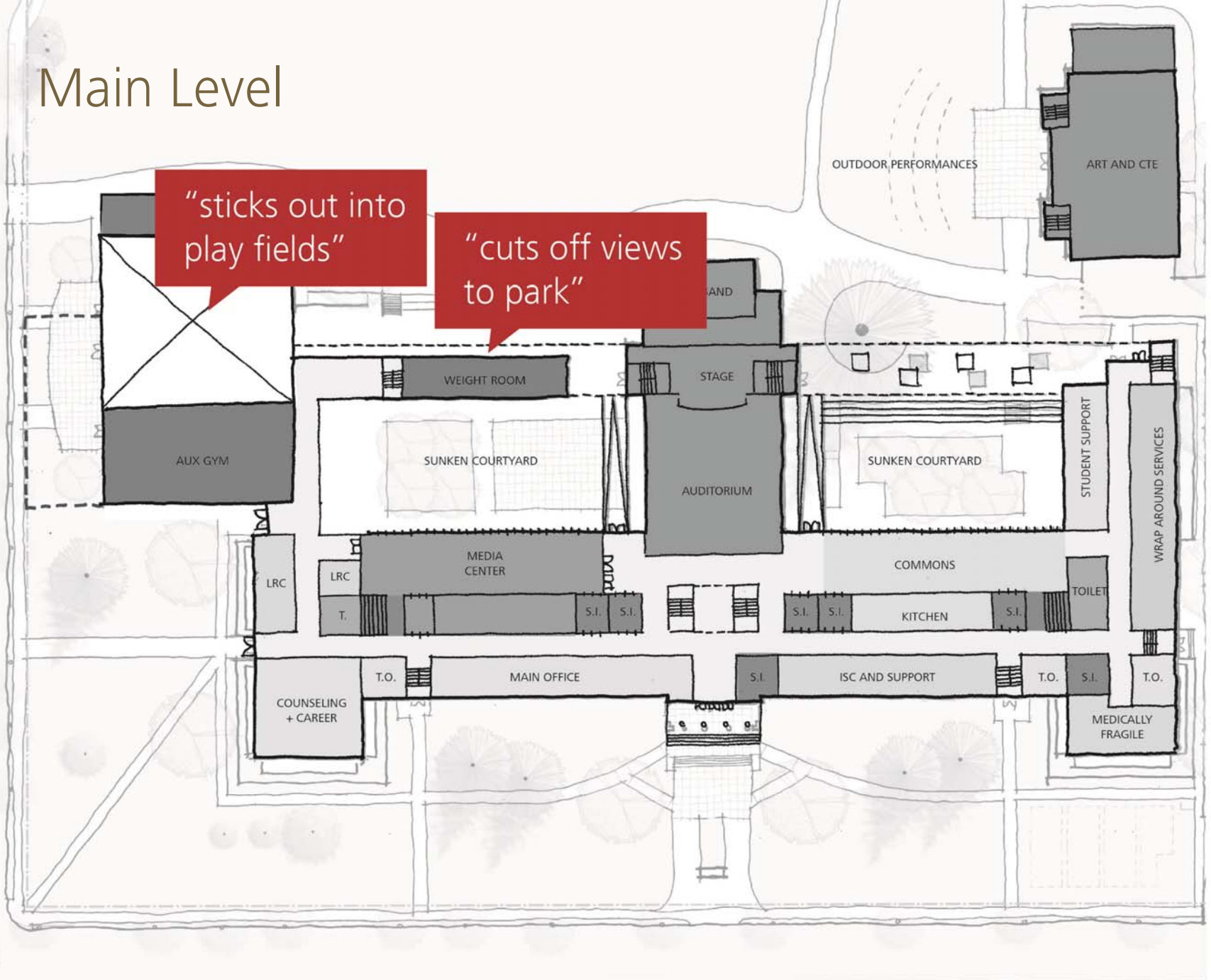
"interior light!"

"Accessibility Improvements & universal access"

# Main Level

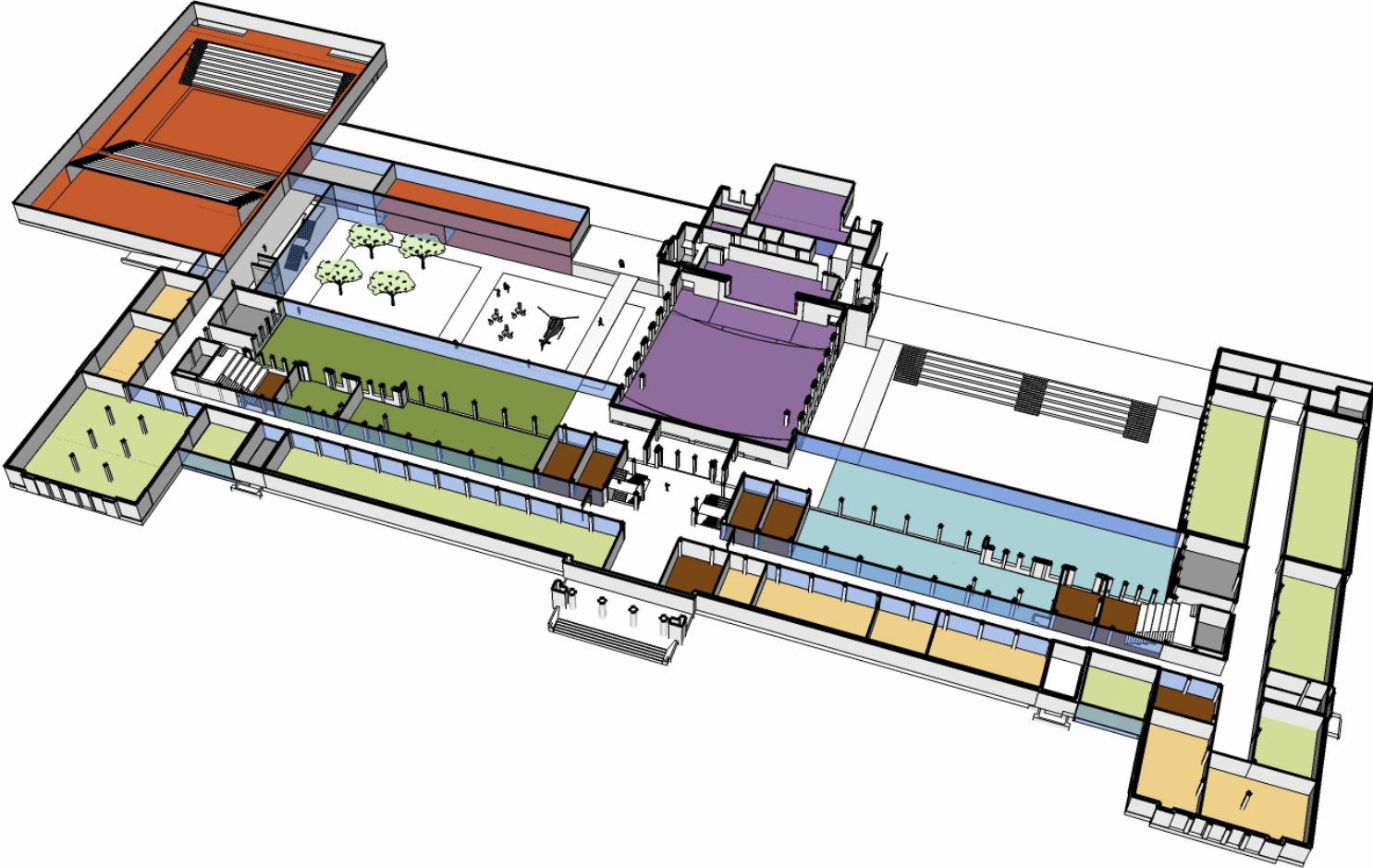


# Main Level





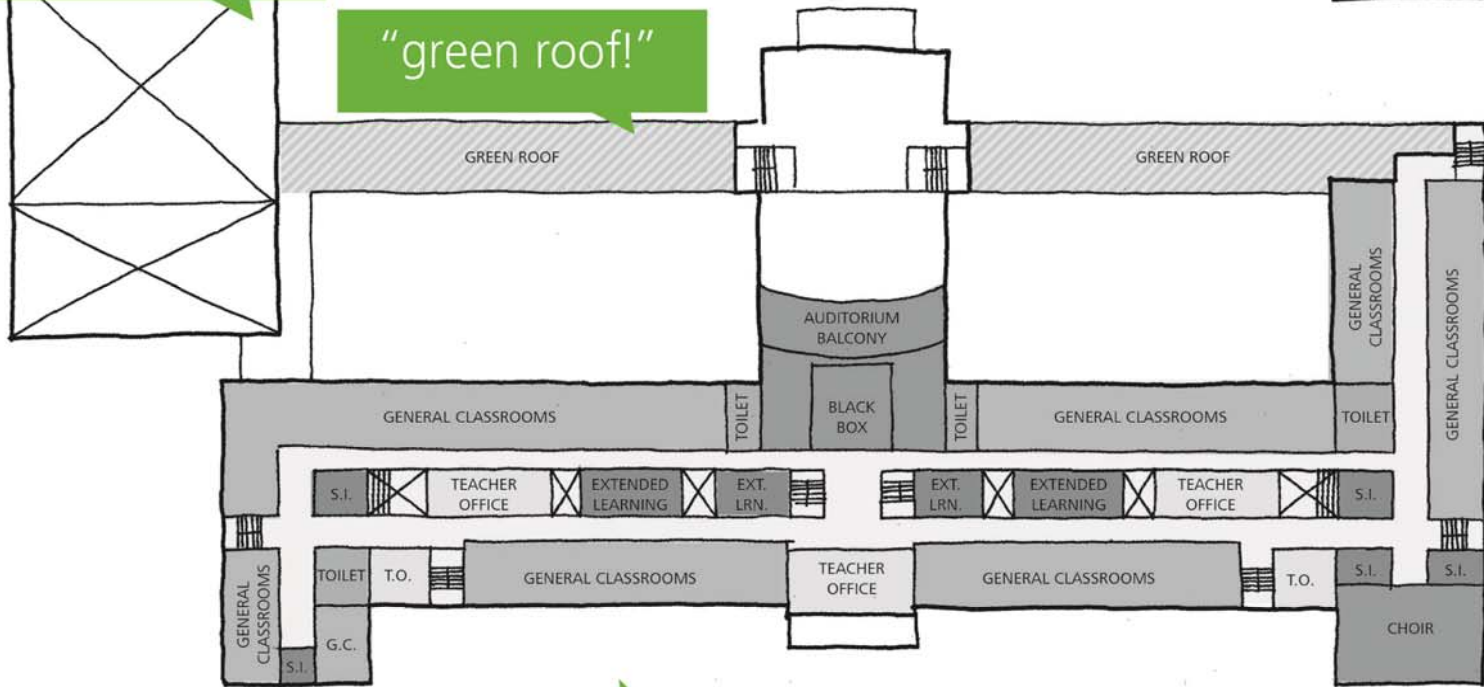
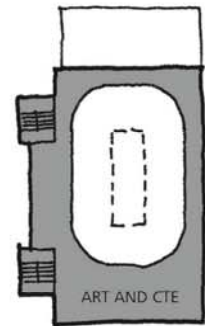
# Main Level :: Development



# Upper Level

"thank you!!!"

"green roof!"

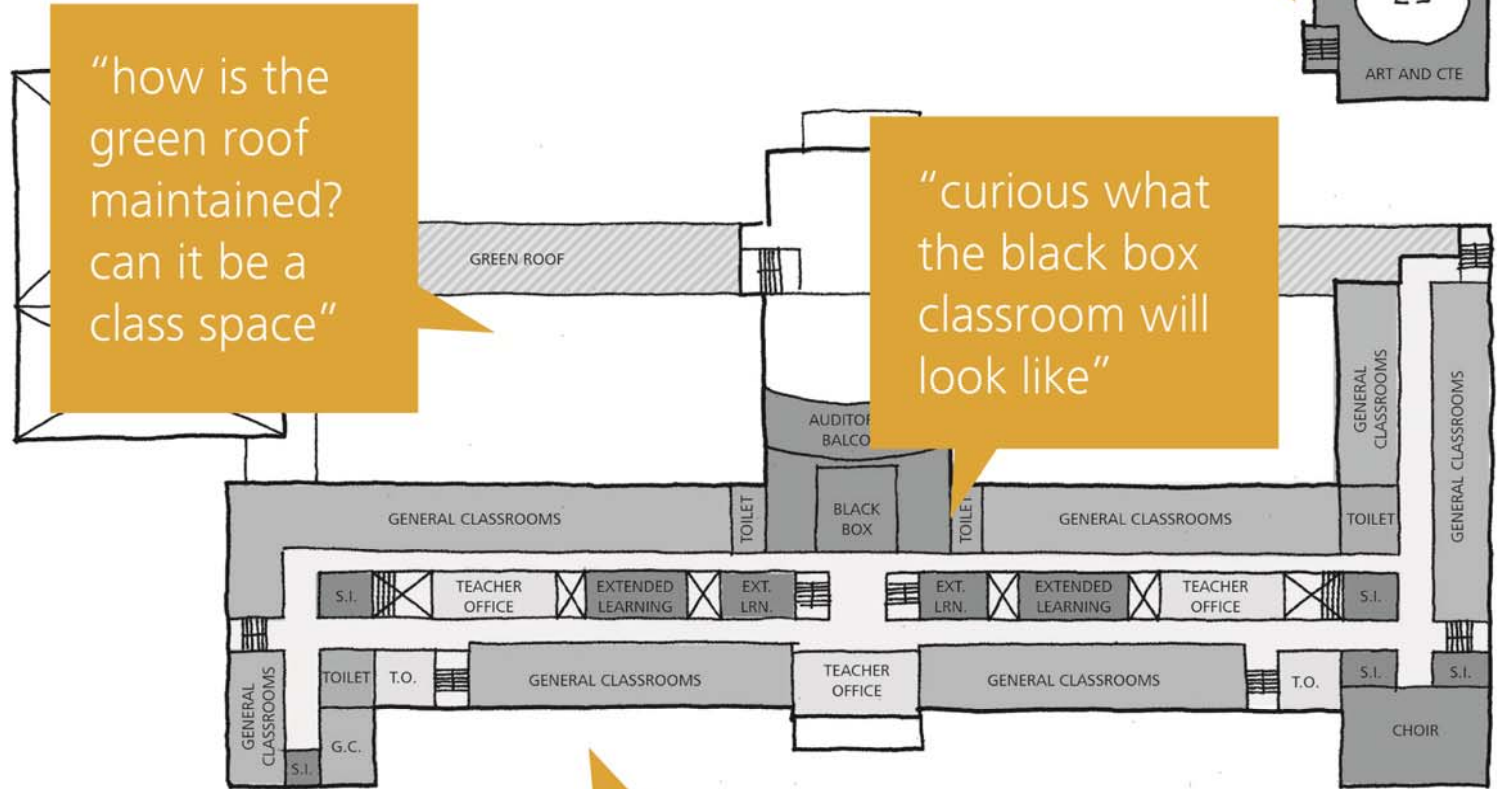


"preserves existing footprint"

"it's come a long way & we have a good plan"

"keeping separate choir room"

# Upper Level



"how is the green roof maintained? can it be a class space"

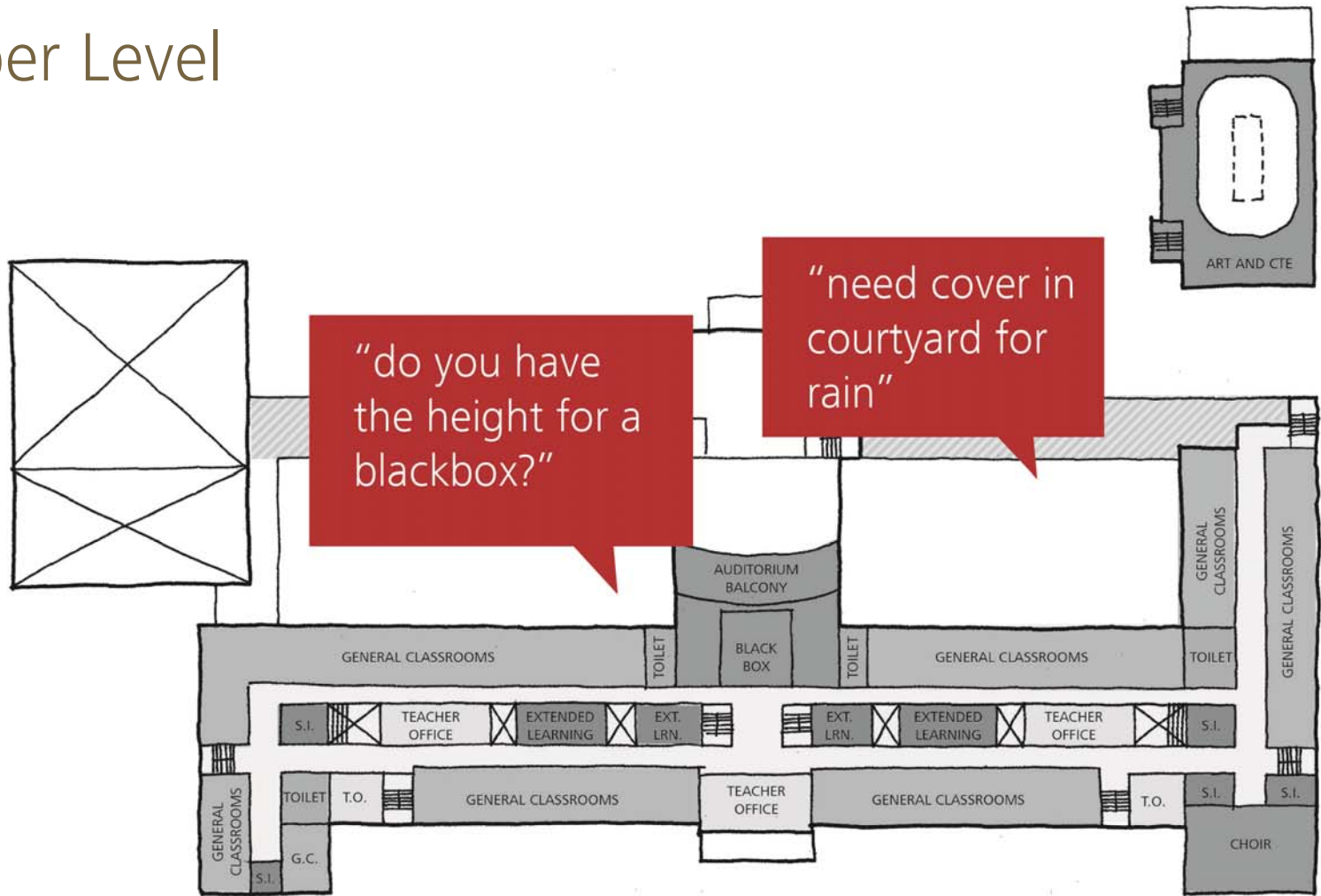
"will the track stay?"

"curious what the black box classroom will look like"

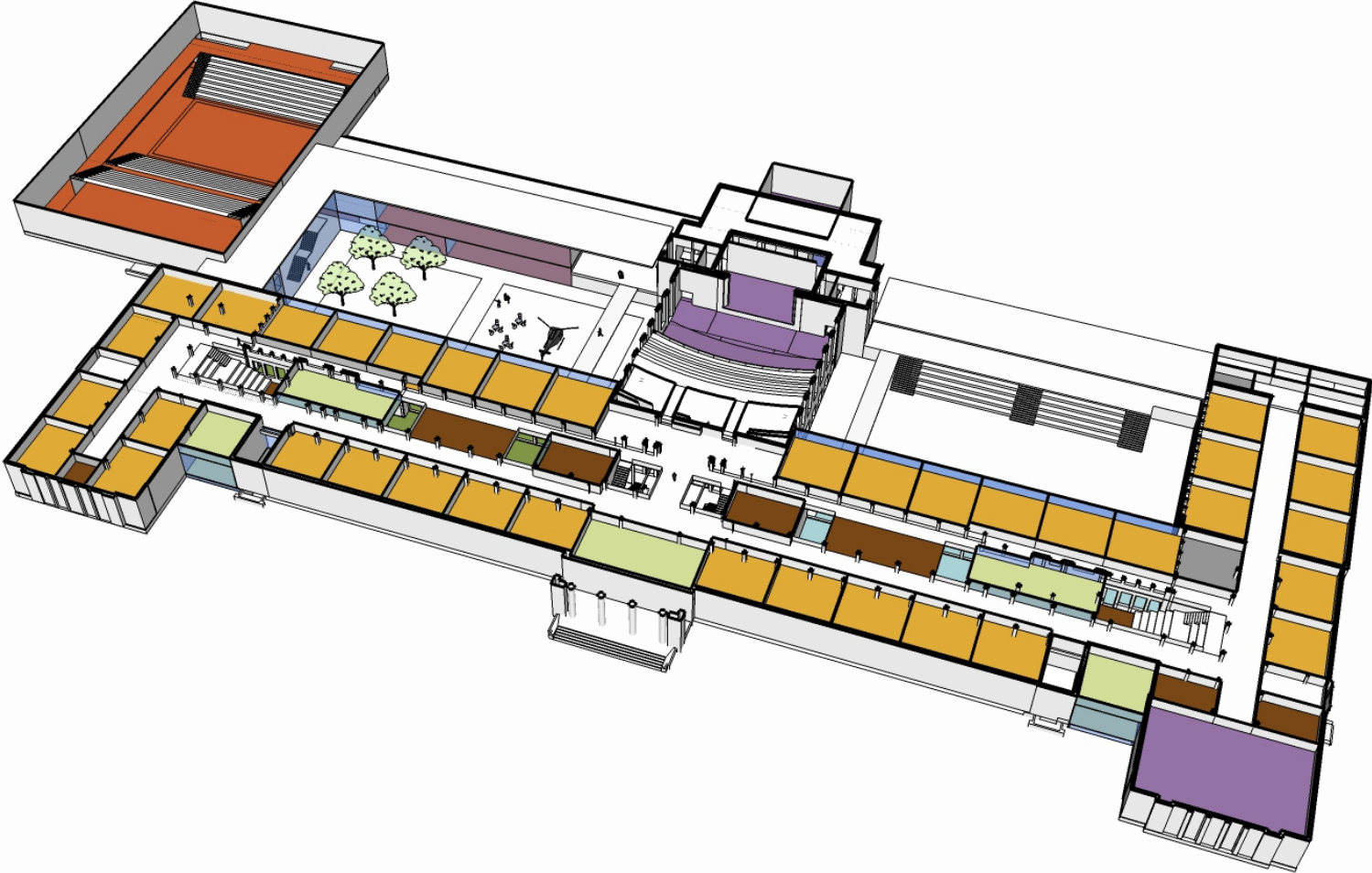
"staff offices could have visual to courtyards/exits for security"

"custodial spaces? what is the HVAC system?"

# Upper Level

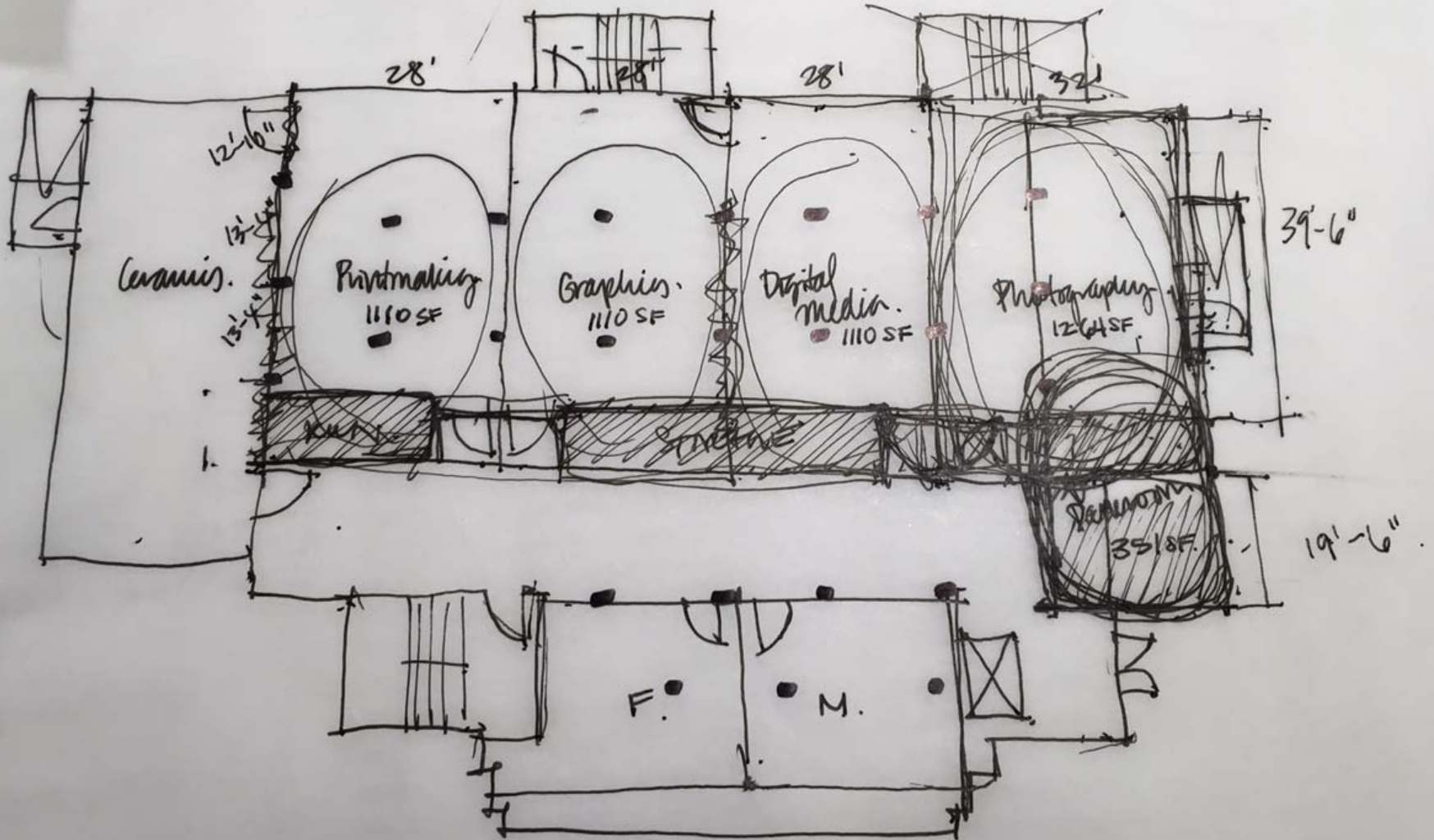


# Upper Level :: Development

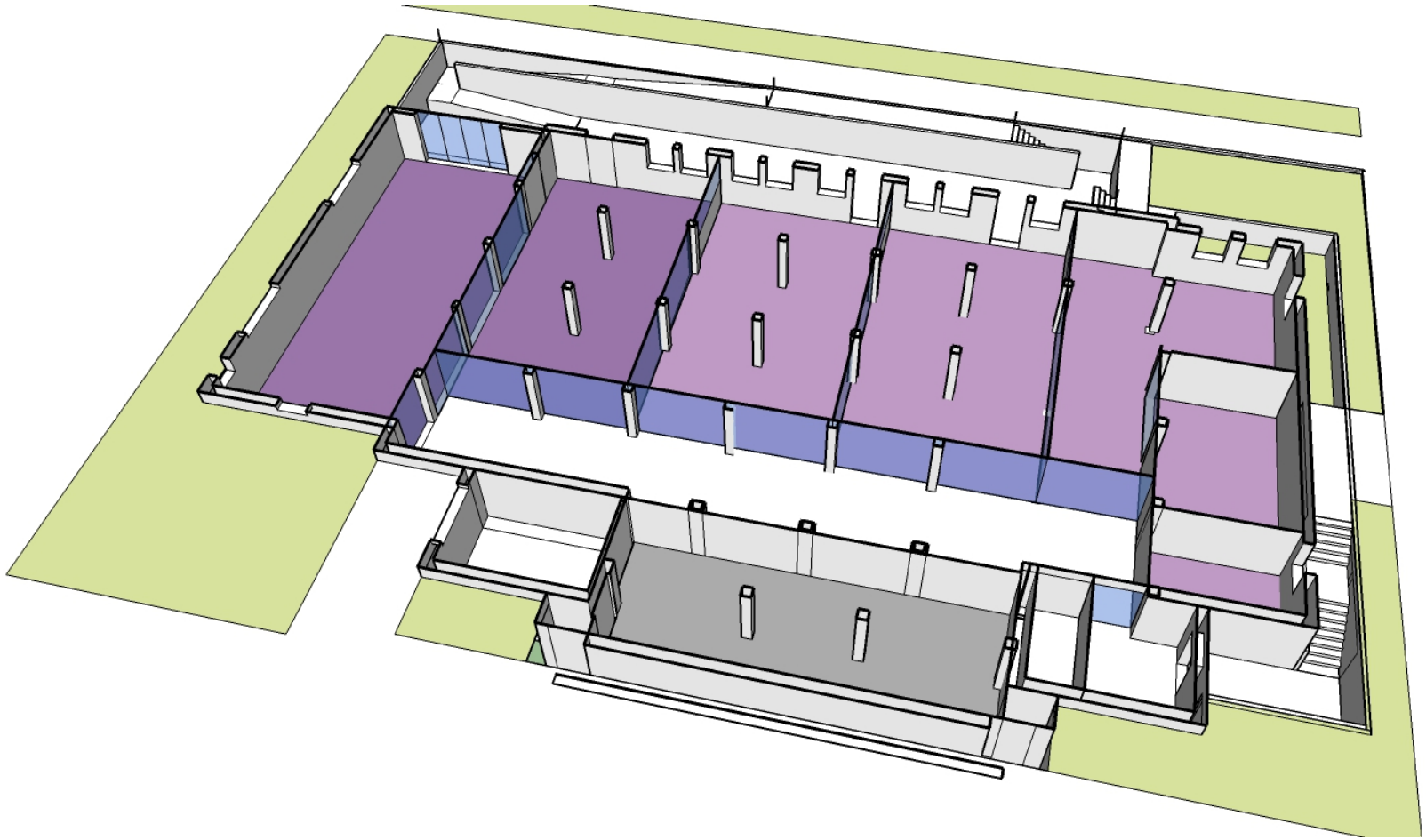


# Schematic Design Vignettes:: Art and CTE Complex

# Art Complex :: Concept

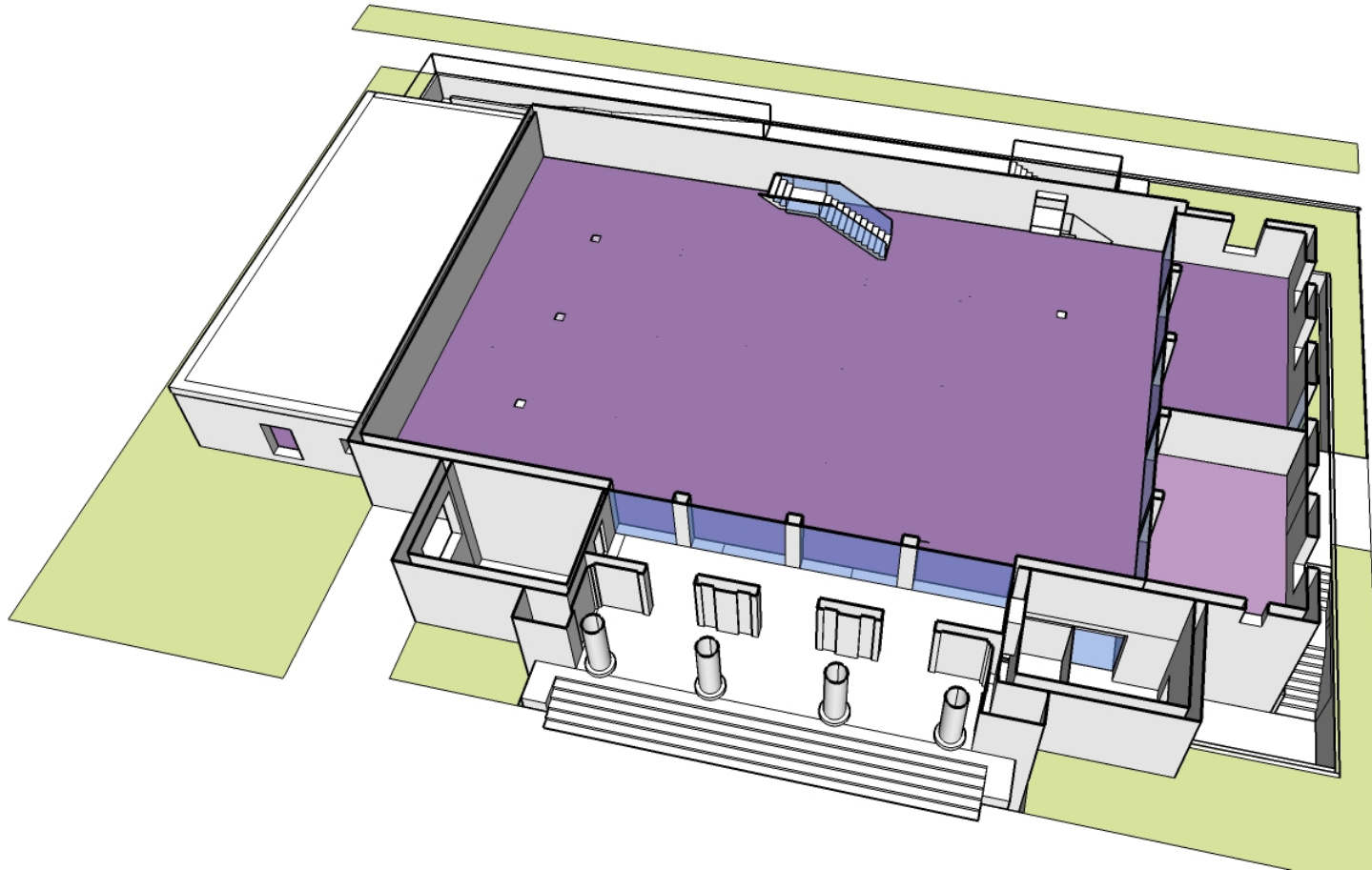


# Art Complex :: Lower Level

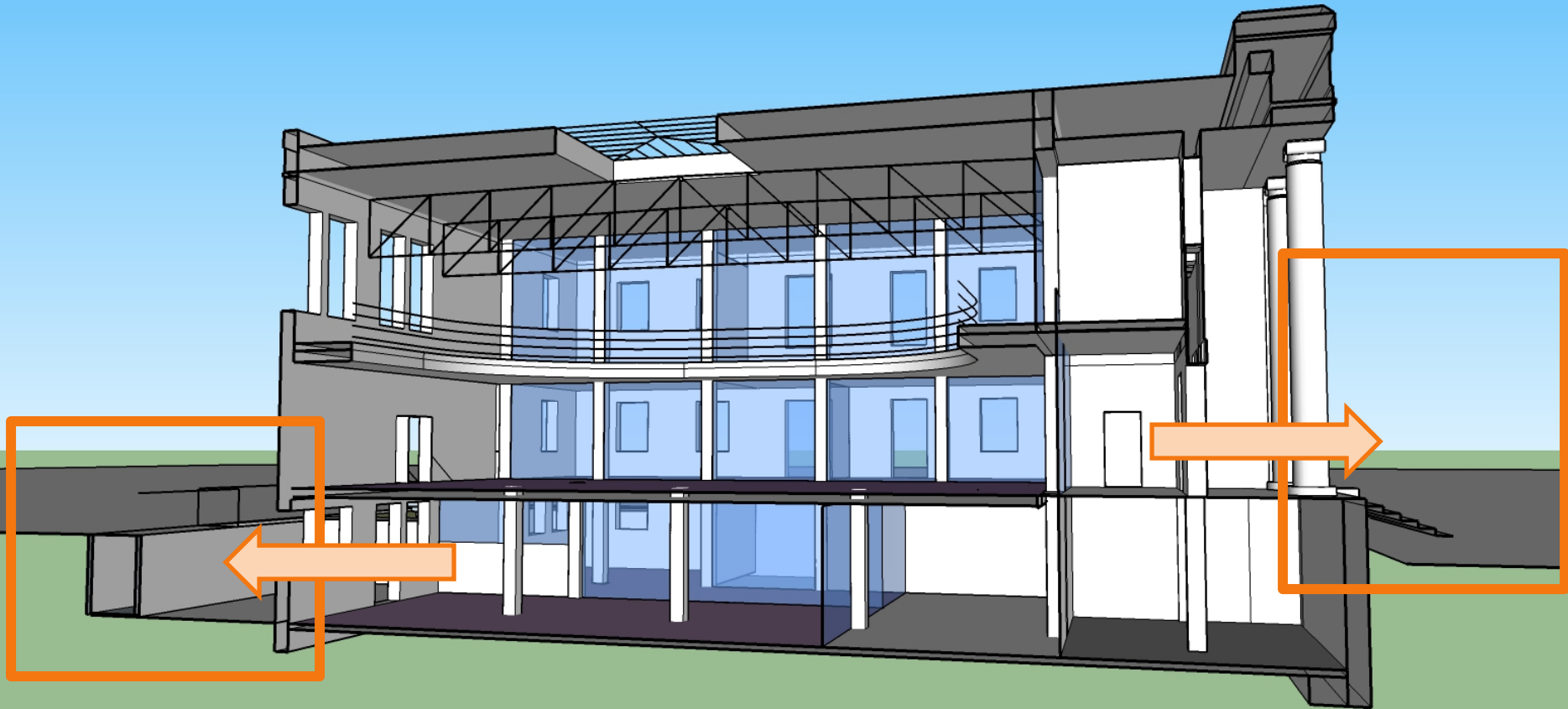




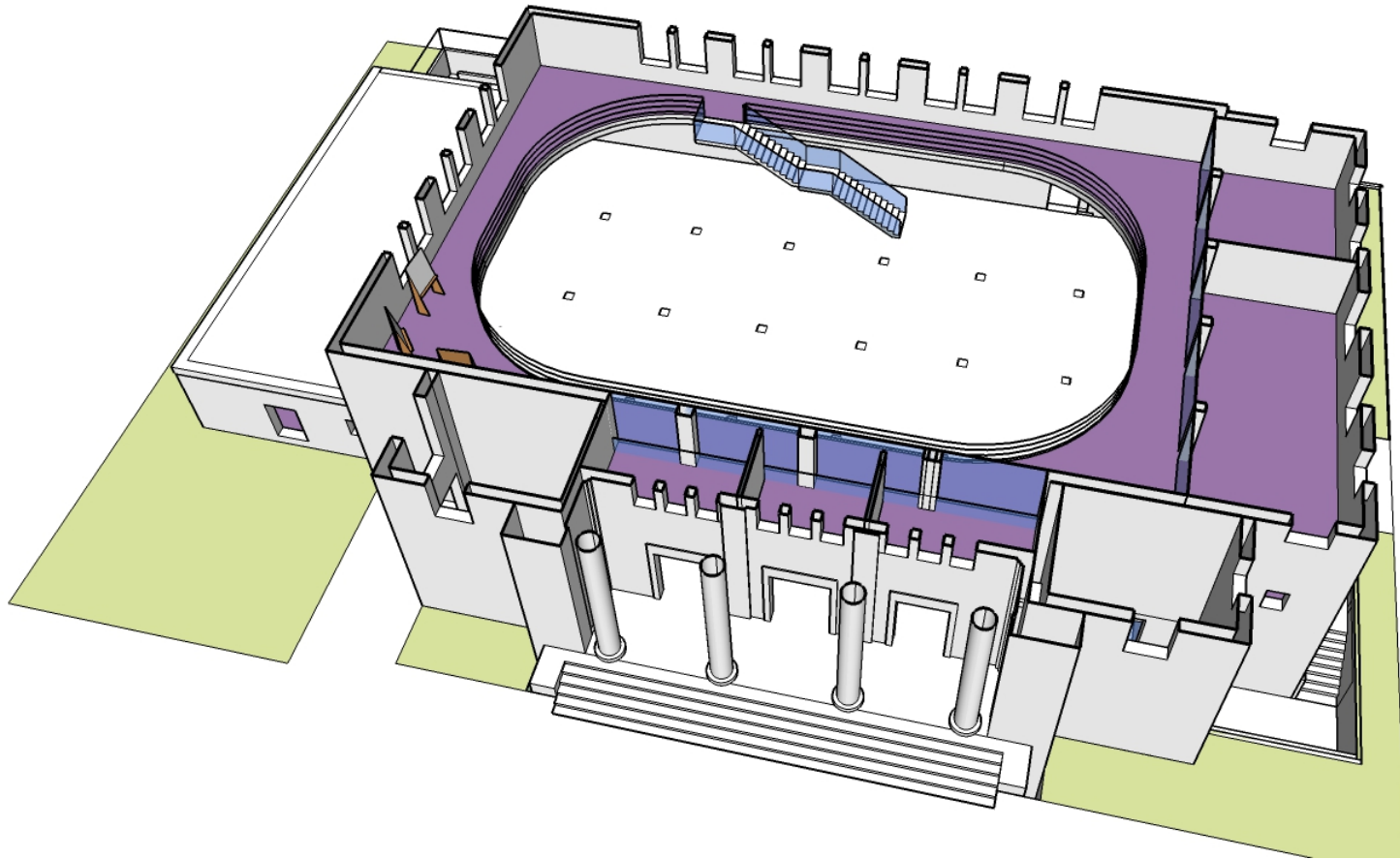
# Art Complex :: Main Level



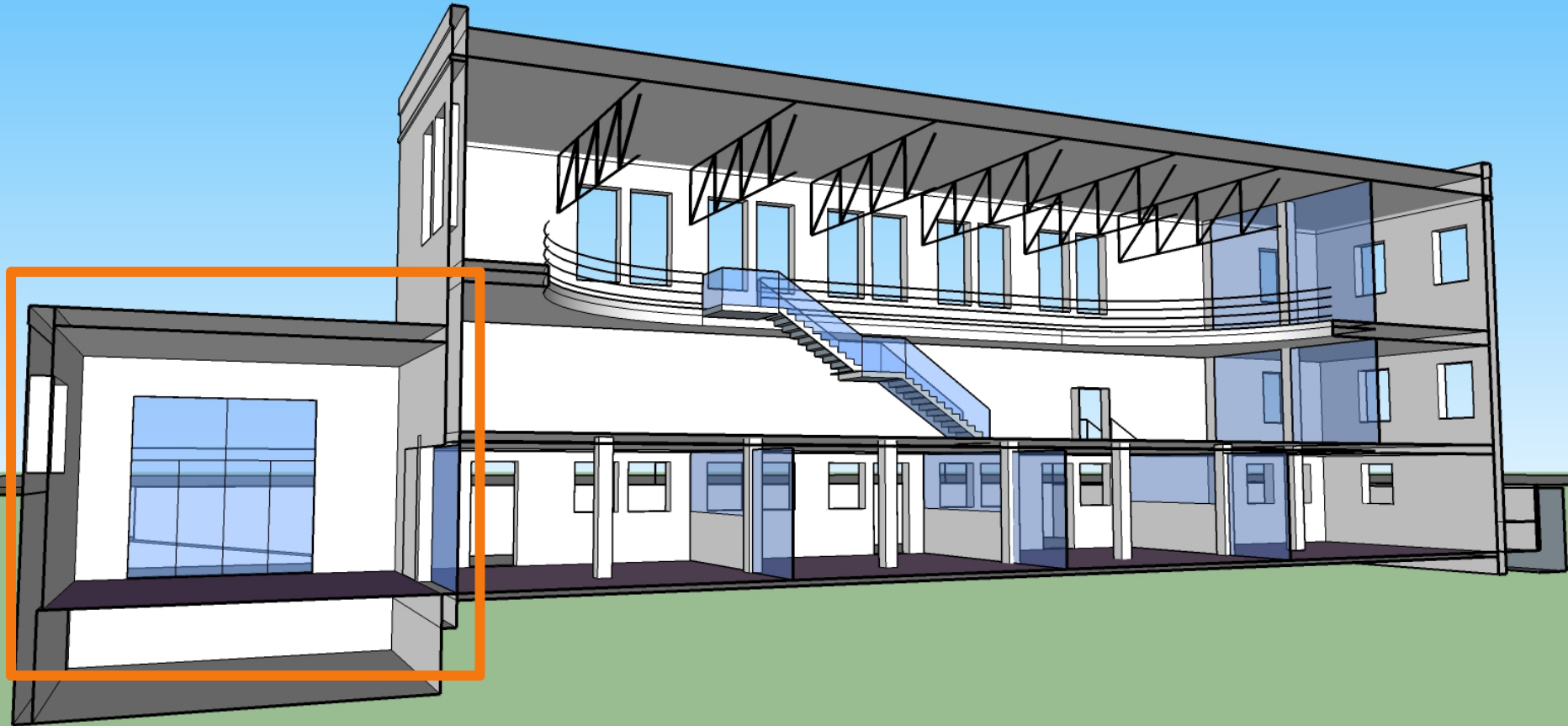
# Art Complex :: Outdoor Art Areas



# Art Complex :: Upper Level



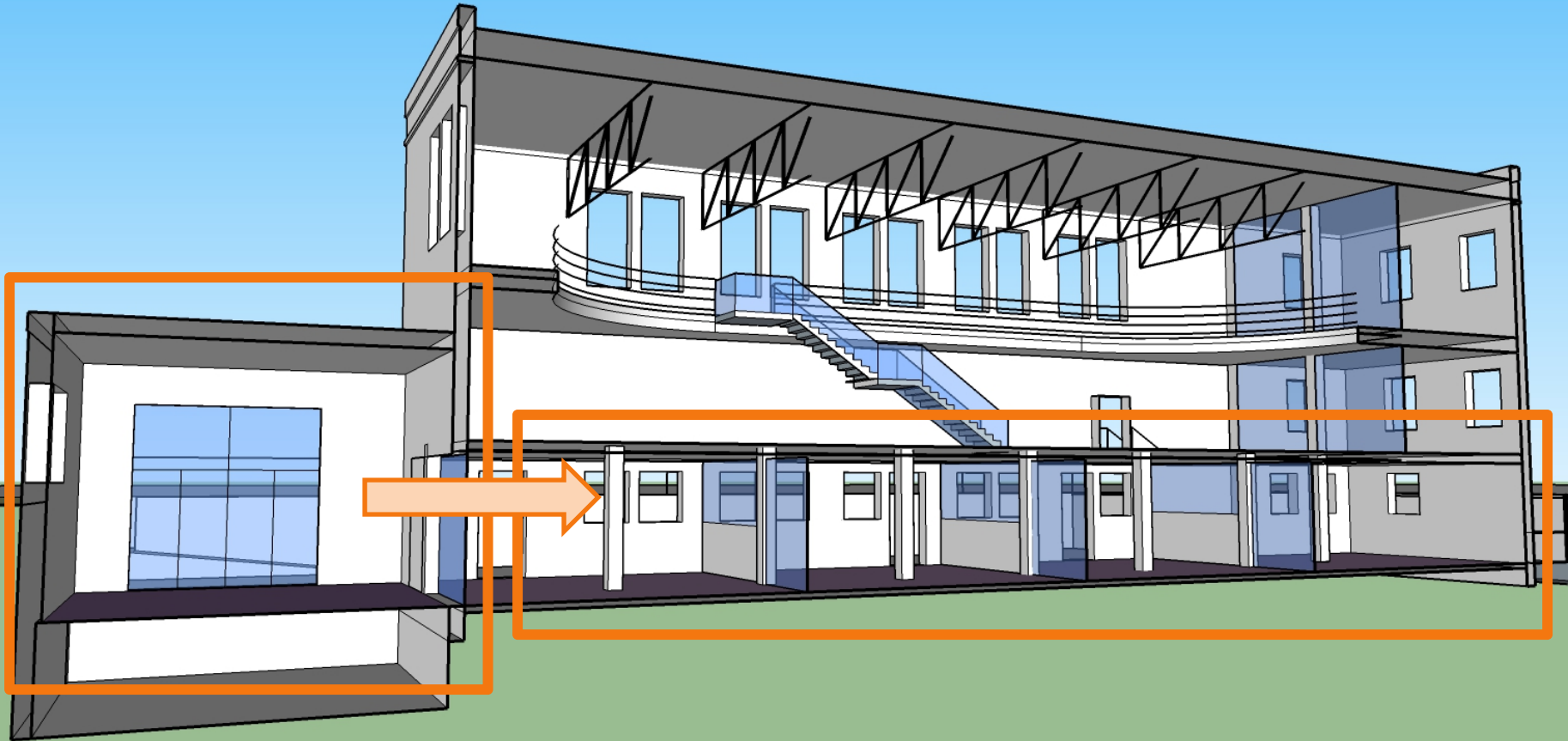
# Art Complex :: 3D



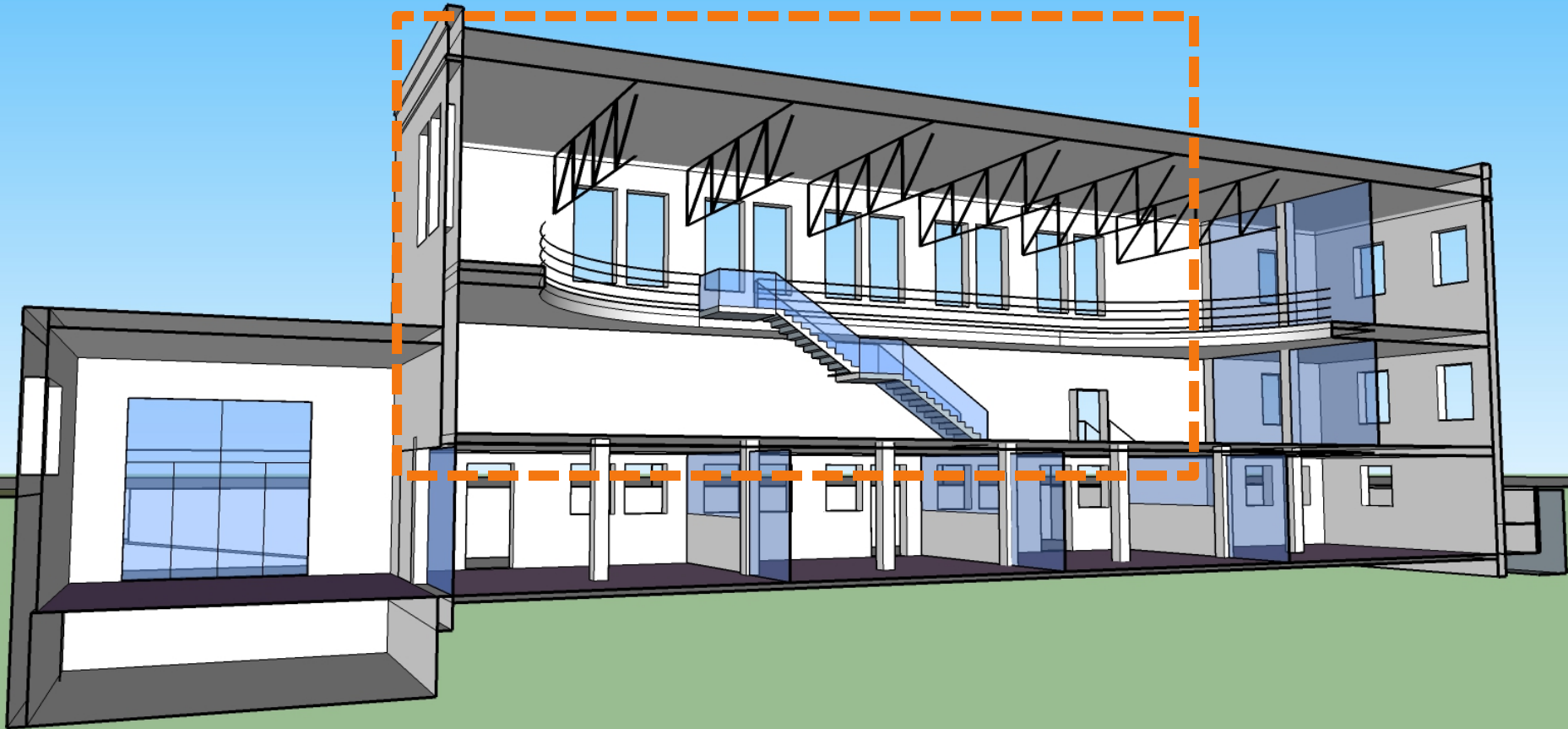
# Art Complex :: Studios



# Art Complex :: Lower Level Connections



# Art Complex :: Shared Studio

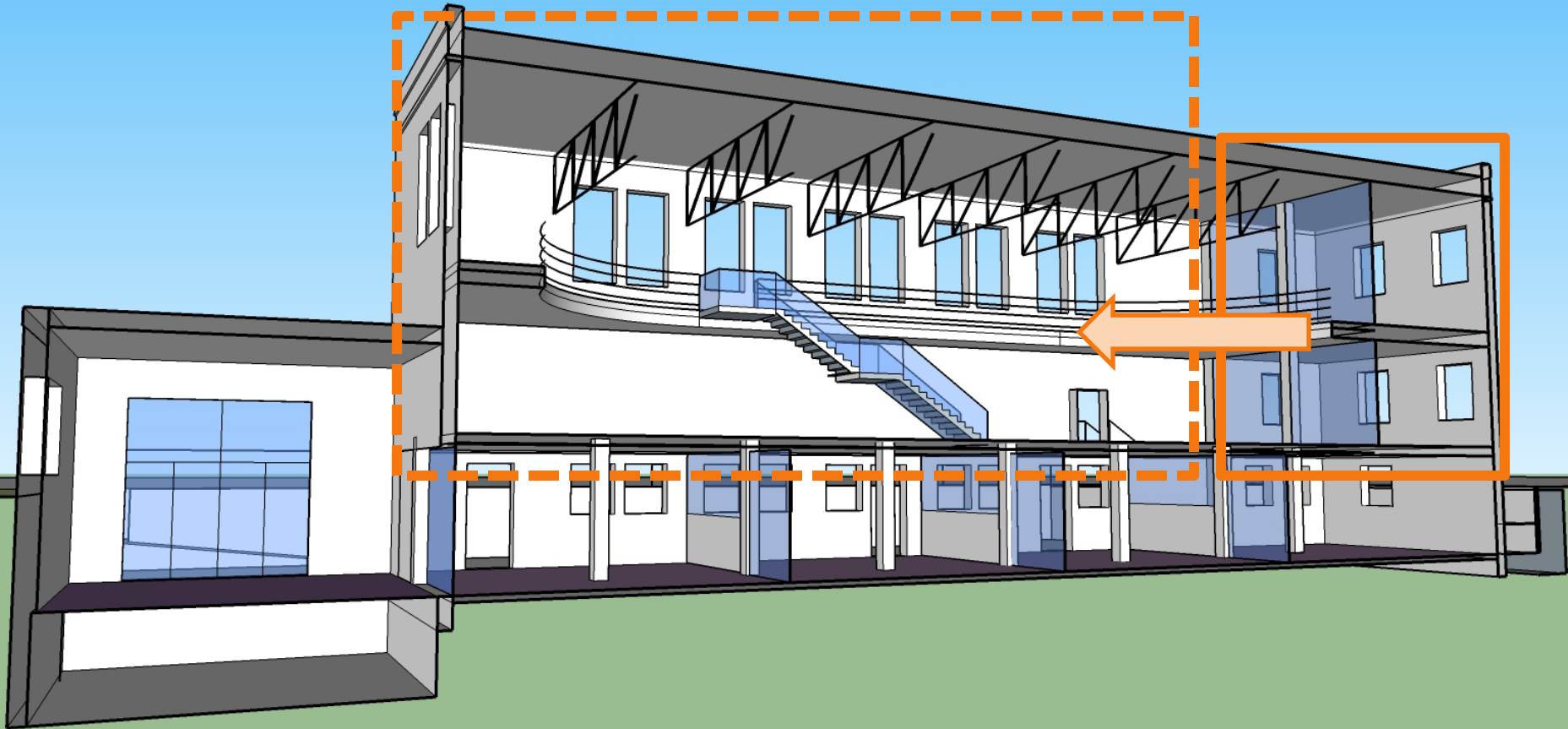


# Art Complex :: Shared Instruction

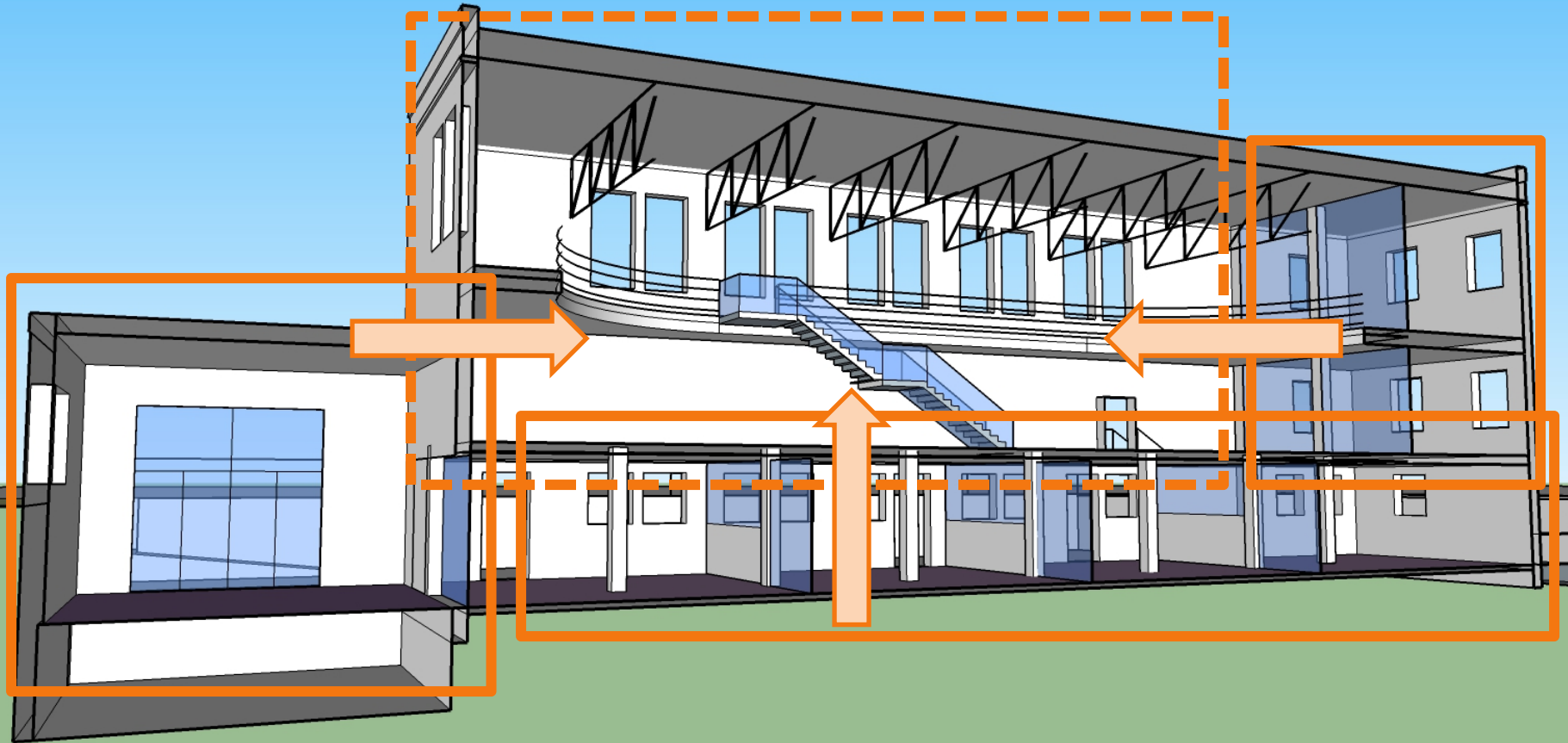




# Art Complex :: Upper Level Connections

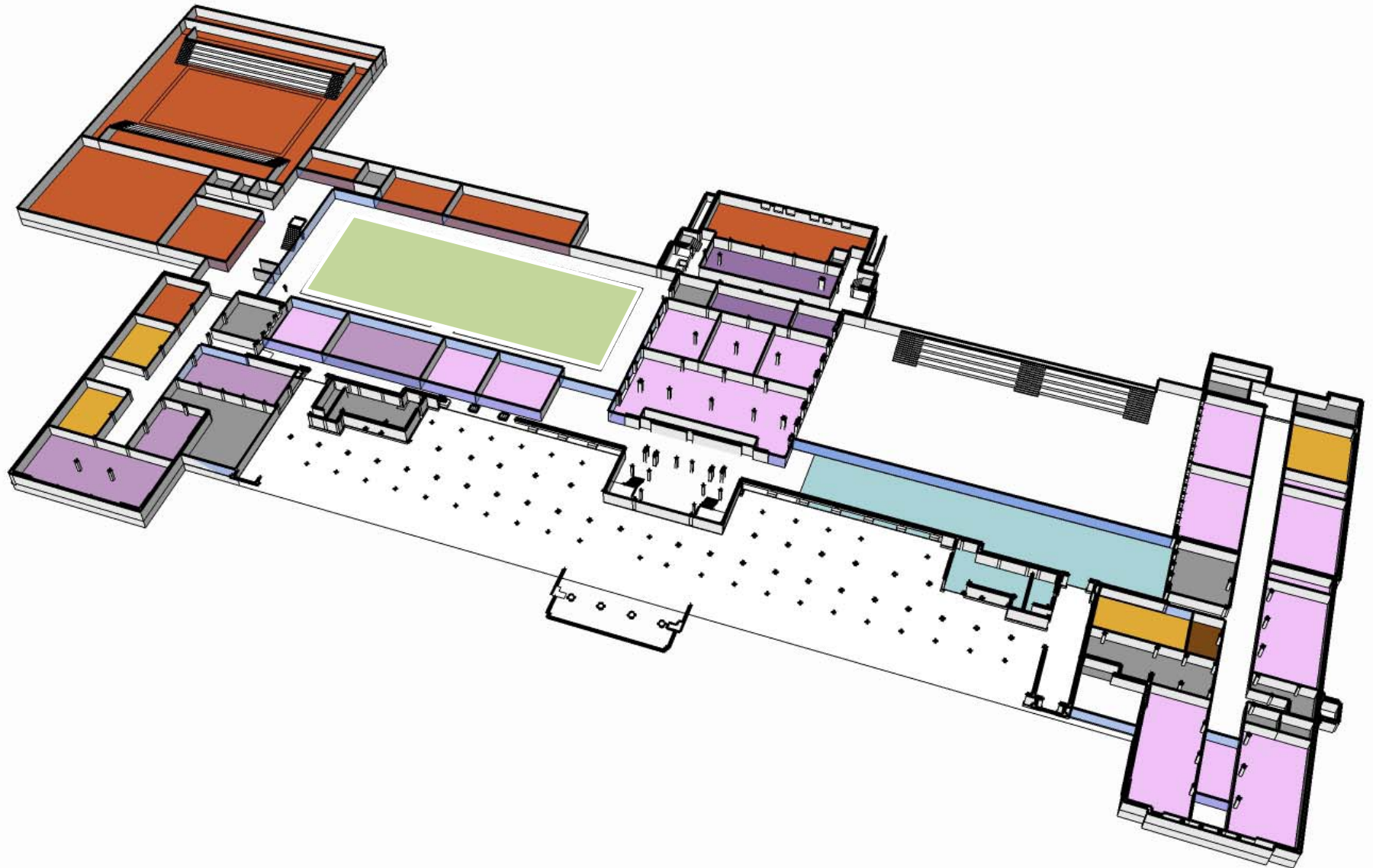


# Art Complex :: Community of Practice



# Schematic Design Vignettes:: Courtyards

# Learning Courtyard: Indoor Outdoor Learning



# Learning Courtyard- Equinox



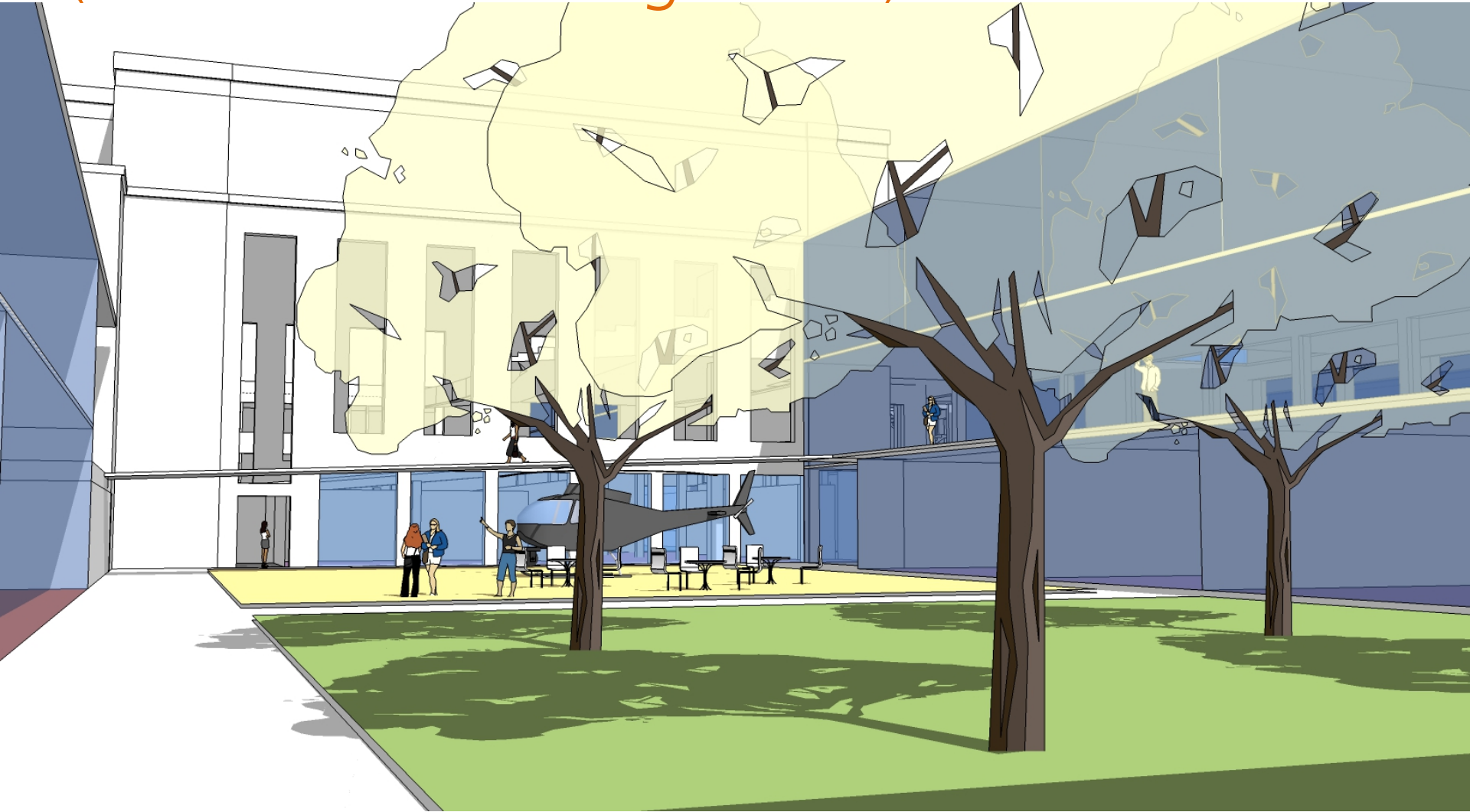
# Learning Courtyard- Winter Solstice



# Learning Courtyard- Summer Solstice

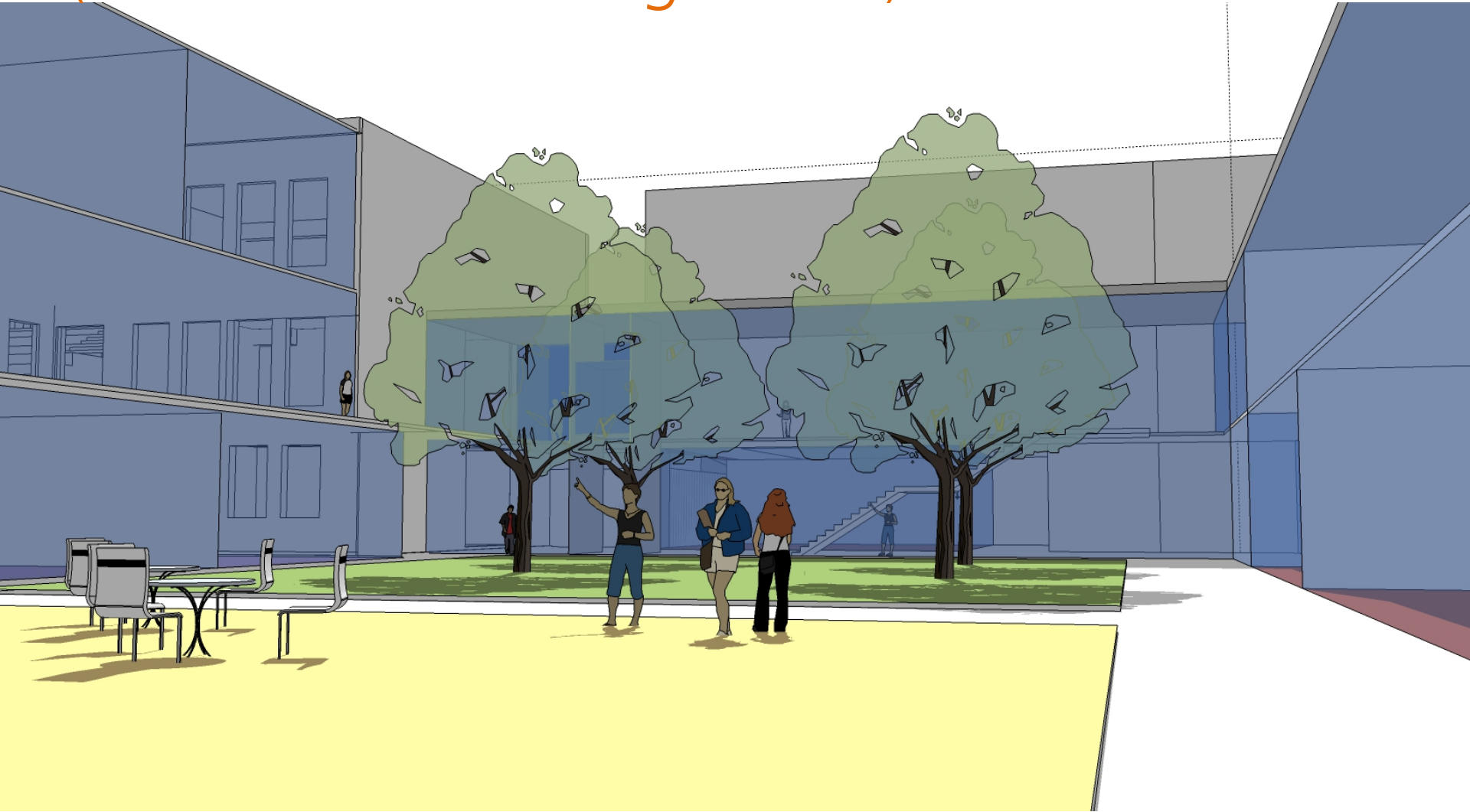


# Learning Courtyard (Lunchtime Looking North)





# Learning Courtyard (Lunchtime Looking South)



Public Comment

## SCHEMATIC DESIGN WORKSHOP 1

### Open Topics

“Universally designed indoor gym for sped and general populations”

“Renewable energy discussion”

“Sustainable use activities”

“Public restroom use for fields”

“community intersection of student-run enterprise addressing local food economy”

“Open the learning courtyard to the fields”