



# FACILITIES MASTER PLAN

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*Academic Senate*  
*November 20, 2024*



# The Planning Team

**DLR**GROUP



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Principal In Charge



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Senior Campus Planner



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Campus Planner



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Campus Planner – Graphics +  
Documentation



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Urban Design & Architecture



# ABOUT THE FACILITIES MASTER PLAN



# Meetings To Date - SBVC Facilities Master Plan 2024

FEB	<b>President's Cabinet</b>	Kick-Off, Process, & Schedule	Feb 27th
MAR	<b>College Council</b>	Visioning Session	Mar 13 <sup>th</sup>
	<b>Open Forum</b>	Visioning Session [Virtual]	Mar 26 <sup>th</sup>
	<b>Open Forum</b>	Visioning Session [In-Person]	Mar 28 <sup>th</sup>
APR	<b>College Council</b>	Needs and Analysis Workshop	Apr 10 <sup>th</sup>
	<b>Management</b>	Needs and Analysis Workshop	Apr 18 <sup>th</sup>
	<b>President's Cabinet</b>	Needs & Analysis Workshop Debrief	Apr 30 <sup>th</sup>
MAY	<b>Academic Senate</b>	FMP Progress Report and Feedback Request	May 1 <sup>st</sup>
	<b>College Council</b>	Big Ideas Workshop	May 8 <sup>th</sup>
	<b>Associated Student Government</b>	FMP Progress Report and Feedback Request	May 10 <sup>th</sup>
	<b>Classified Senate</b>	FMP Progress Report and Feedback Request	May 10 <sup>th</sup>
SEP	<b>President's Cabinet</b>	Concept Design Review	Sep 3 <sup>rd</sup>
	<b>Open Forum</b>	Concept Design Review [Virtual]	Sep 17 <sup>th</sup>
	<b>Open Forum</b>	Concept Design Review [In-Person]	Sep 19 <sup>th</sup>
OCT	<b>President's Cabinet</b>	Phasing and Funding	Oct 15 <sup>th</sup>

Continued...

# Upcoming Meetings - SBVC Facilities Master Plan 2024

NOV ●

<b>College Council</b>	Introduction of the FMP First Draft	Nov 13 <sup>th</sup>
<b>Classified Senate</b>	First Read of the Draft FMP	Nov 15 <sup>th</sup>
<b>Academic Senate</b>	First Read of the Draft FMP	Nov 20 <sup>th</sup>
<b>Associated Student Government</b>	First Read of the Draft FMP	Oct 31 <sup>st</sup>
<b>President's Cabinet</b>	Review Feedback and Provide Direction	TBD

DEC ●

<b>Academic Senate</b>	Final FMP Approval	Dec 4 <sup>th</sup>
<b>Classified Senate</b>	Final FMP Approval	TBD
<b>Associated Student Government</b>	Final FMP Approval	TBD
<b>College Council</b>	Final Plan Presentation	TBD
<b>Open Forum</b>	Final Plan Presentation [Virtual]	Dec 9 <sup>th</sup>
<b>Open Forum</b>	Final Plan Presentation [In-Person]	Dec 11 <sup>th</sup>
<b>President's Cabinet</b>	Board Preparation	Dec 17 <sup>th</sup>



# Setting the Context

## • Previous Plans & Studies

- 2017 Campus Master Plan
- 2018 Sewer System Management Plan
- 2020 Utility Master Plan
- 2021 Land Acquisition Visioning Document
- 2022 Updated Land Acquisition Visioning Document
- 2023 -2028 Education Master Plan
- 2023 Sustainability Plan
- 2023 Landscape Master Plan
- 2024 Wayfinding Master Plan
- ZNE Plan
- Five-Year Construction Plan
- Waste Management Plan

## Engagement with Campus Community

- SBVC Virtual Open Forum, March 26<sup>th</sup>, September 17<sup>th</sup>
  - SBVC In-Person Open Forum, March 28<sup>th</sup>, September 19<sup>th</sup>
  - Academic Senate, May 1<sup>st</sup>, November 20<sup>th</sup>, December 4<sup>th</sup>
  - College Council, May 8<sup>th</sup>, November 13<sup>th</sup>, December
  - Special Senate, May 9<sup>th</sup>
  - Classified Senate, May 10<sup>th</sup>, November 15<sup>th</sup>, December
  - Student Senate, October 31<sup>st</sup>
- **Space Utilization and Space Needs**
  - **Facilities Condition Assessment**





# Why do a Master Plan?

- Create a **vision** for the future that aligns with the **strategic direction** of the College
- Create a **guide for development** for the next **10+ years (starting in 2027)**
- Establish a basis for **informed decision-making** going forward
- Strengthen **relationships** within the campus and with the community
- Provide a **roadmap and tools** for implementation





# Phase 00 Projects - Funded

## New Construction

1. Career Pathways 1: Applied Technology Building Replacement
2. Student Services Building
3. Career Pathways 2: Aeronautics
4. Career Pathways 2: Allied Health
5. Career Pathways 2: Welding
6. Softball Field

## Renovation

7. Administrative Building and Lois Carson Campus Center Repurpose
8. Old Central Plant Repurposing

## Demolition

- Tech Building
- Liberal Arts Building

## Campus-Wide

- Irrigation Upgrades
- Utility Upgrades
- Infrastructure Upgrades\*



- New Construction
- Renovation

\*Infrastructure and additional projects include:

- Campus-wide Roof Replacement
- Biology Garden Expansion
- Landscape Master Plan
- Wayfinding Master Plan
- EV Charging Stations
- Old Central Plant Repurpose
- Campus-Wide Utility Upgrades
- Observatory Investigation
- Marque Replacement
- Fiber Updates
- Irrigation Controller Replacement
- Campus-wide Security Migration
- Gym Lobby Flooring
- Retro-Commissioning
- New Scoreboard at Baseball/Soccer Field
- Planetarium HVAC Replacement
- PS & HLS Mechanical Improvements
- Perimeter Fencing
- East Wing Mechanical Upgrades





## Base Condition

*Our planning assumes that the Phase 00 projects are complete, including the Student Services Building, Applied Technology Building, Aeronautics Building, Allied Health Building, and Welding Building.*





# District-wide Facilities Master Plan Themes

## **1. MODERNIZE FACILITIES:**

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*Modernize existing facilities to propel excellence and community prosperity.*

## **2. RIGHT-SIZE & MAXIMIZE EFFICIENCY:**

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*Right-size and equitably redistribute space and services to maximize efficiency and respond to trends in higher education.*

## **3. FOSTER A SUSTAINABLE FUTURE:**

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*Ensure development addresses each of the goals within the Sustainability Plan, prioritizing resource conservation and the well-being of people and the planet.*

## **4. DESIGN FOR SAFETY & INCLUSIVITY:**

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*Design a built environment that fosters a safe and welcoming setting for students, faculty, and staff.*

## **5. BUILD COMMUNITY & FOSTER COLLABORATION:**

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*Create spaces for events and daily gatherings to build community and foster collaboration.*

## **6. IMPROVE BRANDING, WAYFINDING, ART:**

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*Improve branding, wayfinding, and public art to strengthen SBCCD's identity.*

## **7. CREATE FLEXIBLE CLASSROOMS & SUPPORT ACTIVE LEARNING:**

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*Design classrooms for flexibility and active learning to facilitate a collaborative learning environment.*

*These all-encompassing themes have emerged in our engagement and data analysis.*

*They apply to each College and the district facilities and space – you'd do these anywhere.*



# Concept Plan

**Bolster and define facilities that support community programming, gathering, and events**

**Address key renovations infrastructure improvements, demolitions, and opportunities within vacated space**

**Support the unique character and identity of the campus through beautification and functional outdoor programs and amenities**

**Enhance arrival and wayfinding and create an efficient, multi-modal circulation network**

**Create space for new and immersive academic programs that align with industry needs and support hands-on learning.**





# Concept Plan

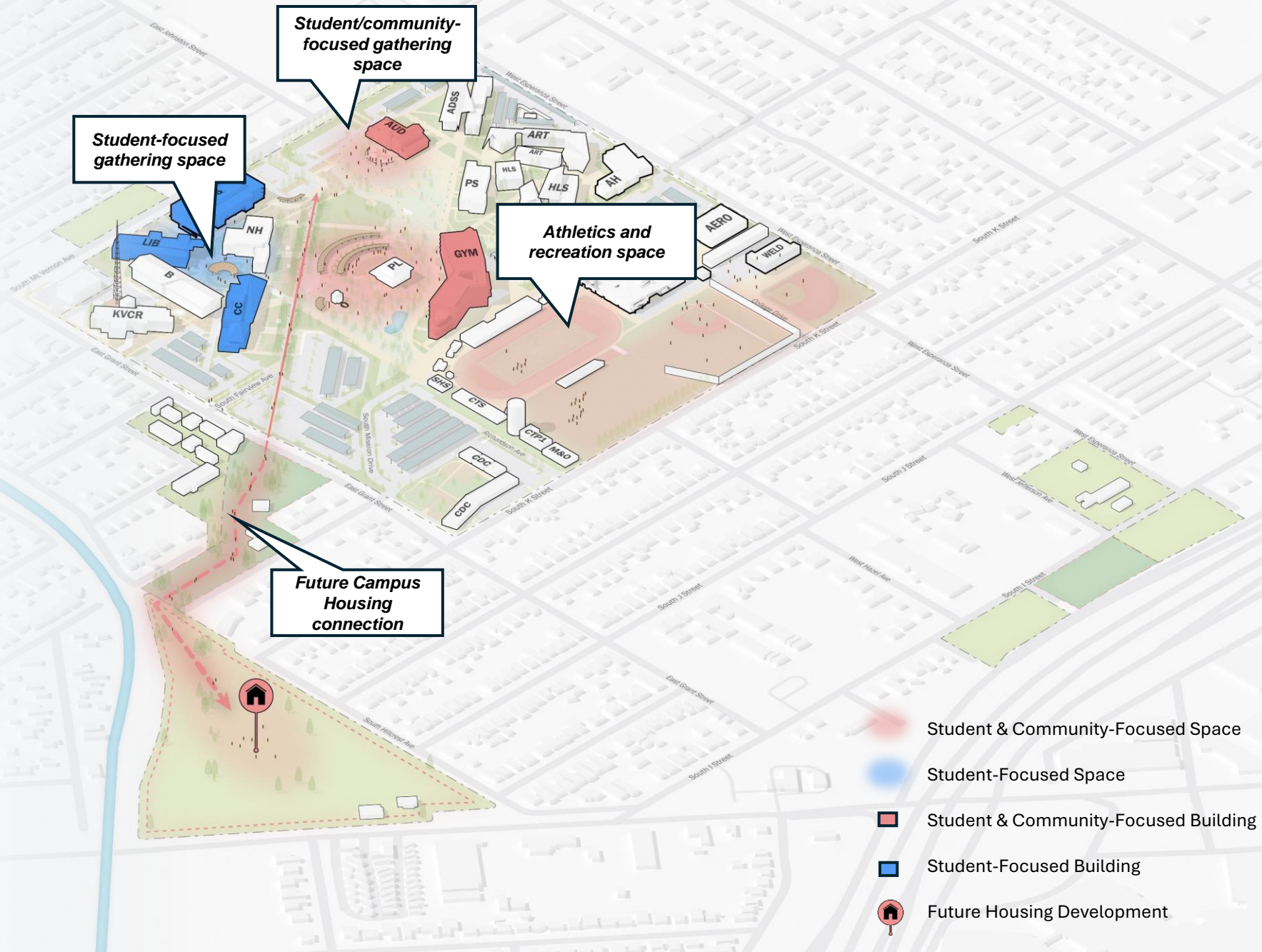
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-  FCI > 10% in next 5 years
-  Future target for demolition
-  Future target for renovation due to vacant space or key program



# Concept Plan

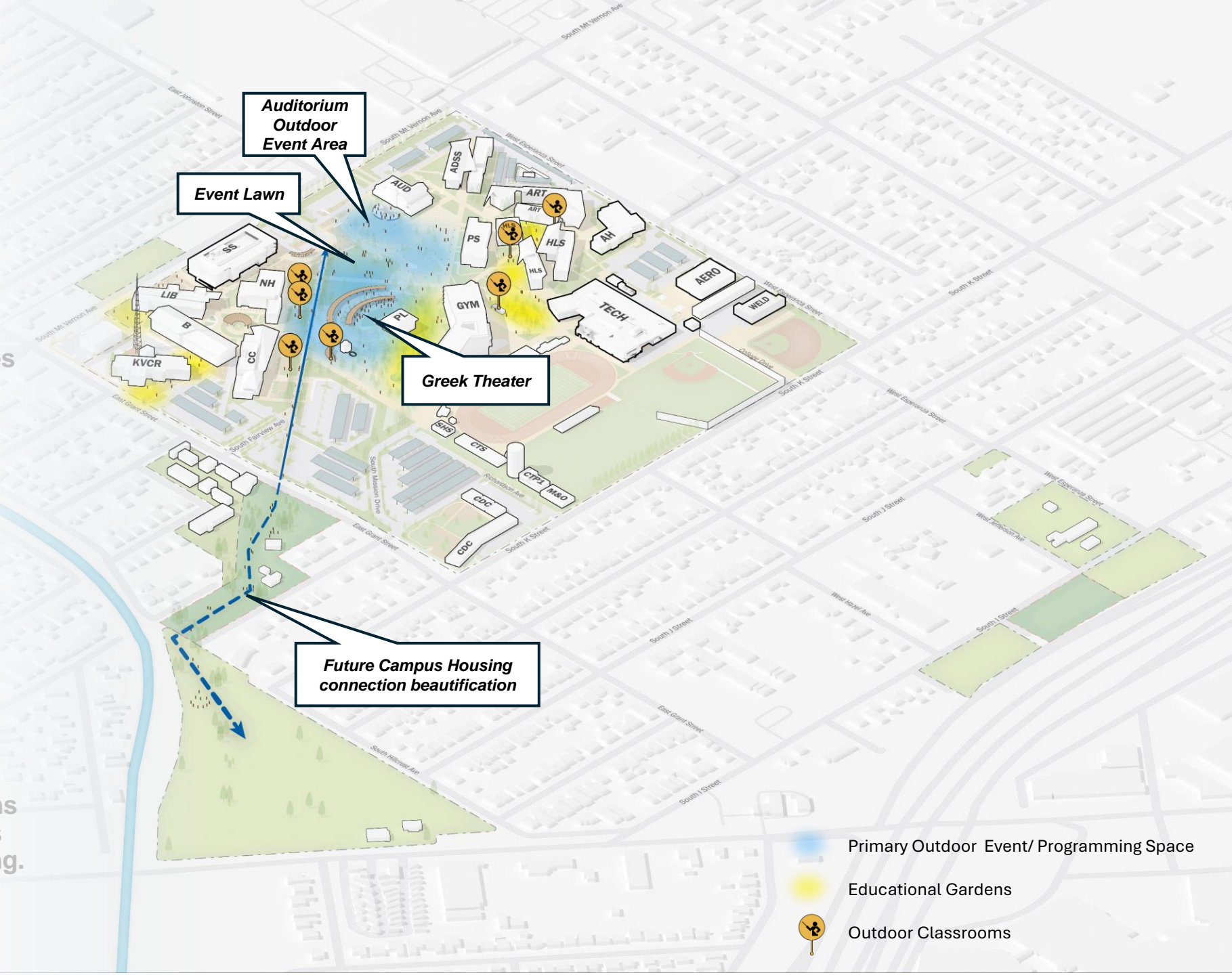
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-  Primary Outdoor Event/ Programming Space
-  Educational Gardens
-  Outdoor Classrooms



# Concept Plan

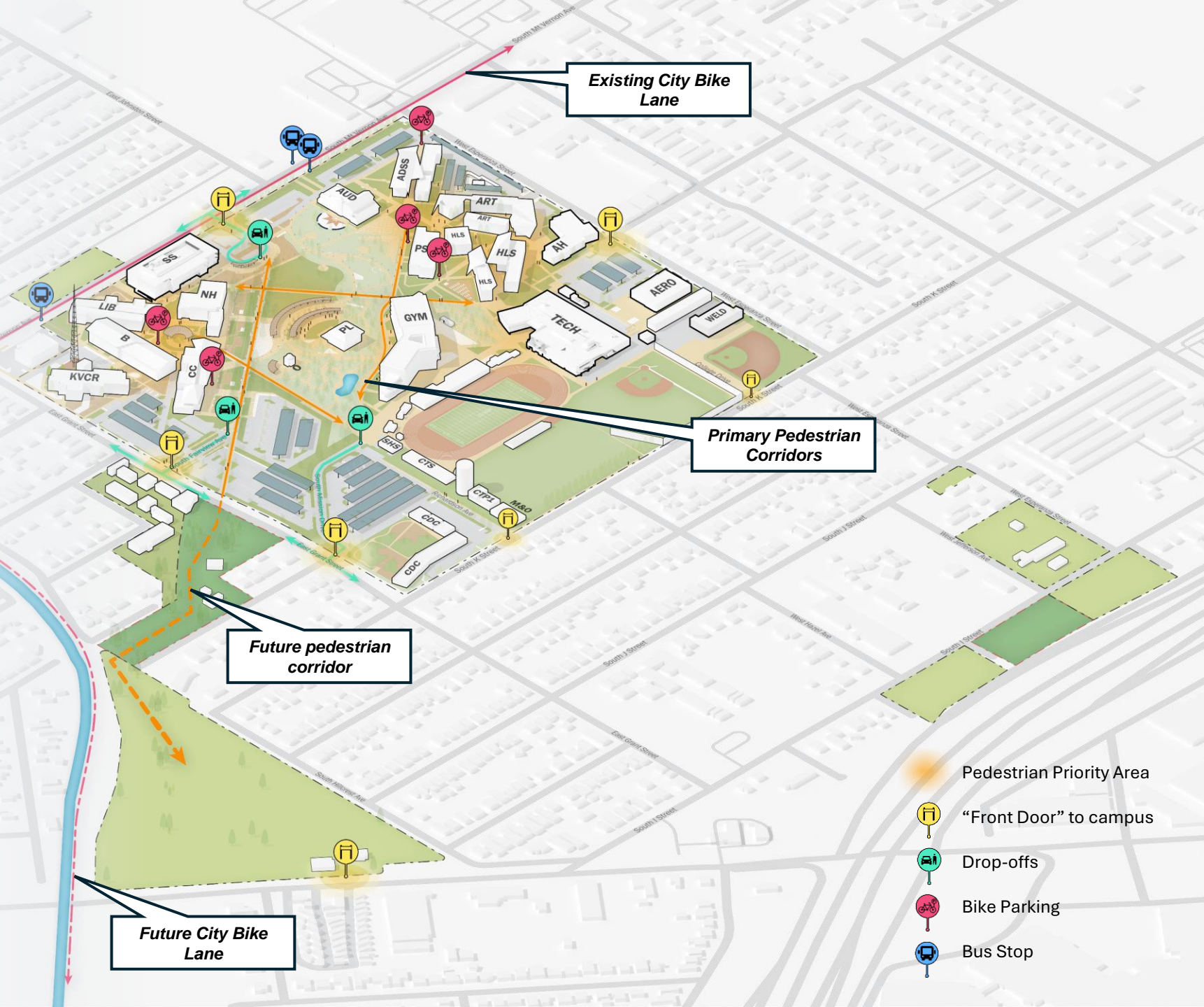
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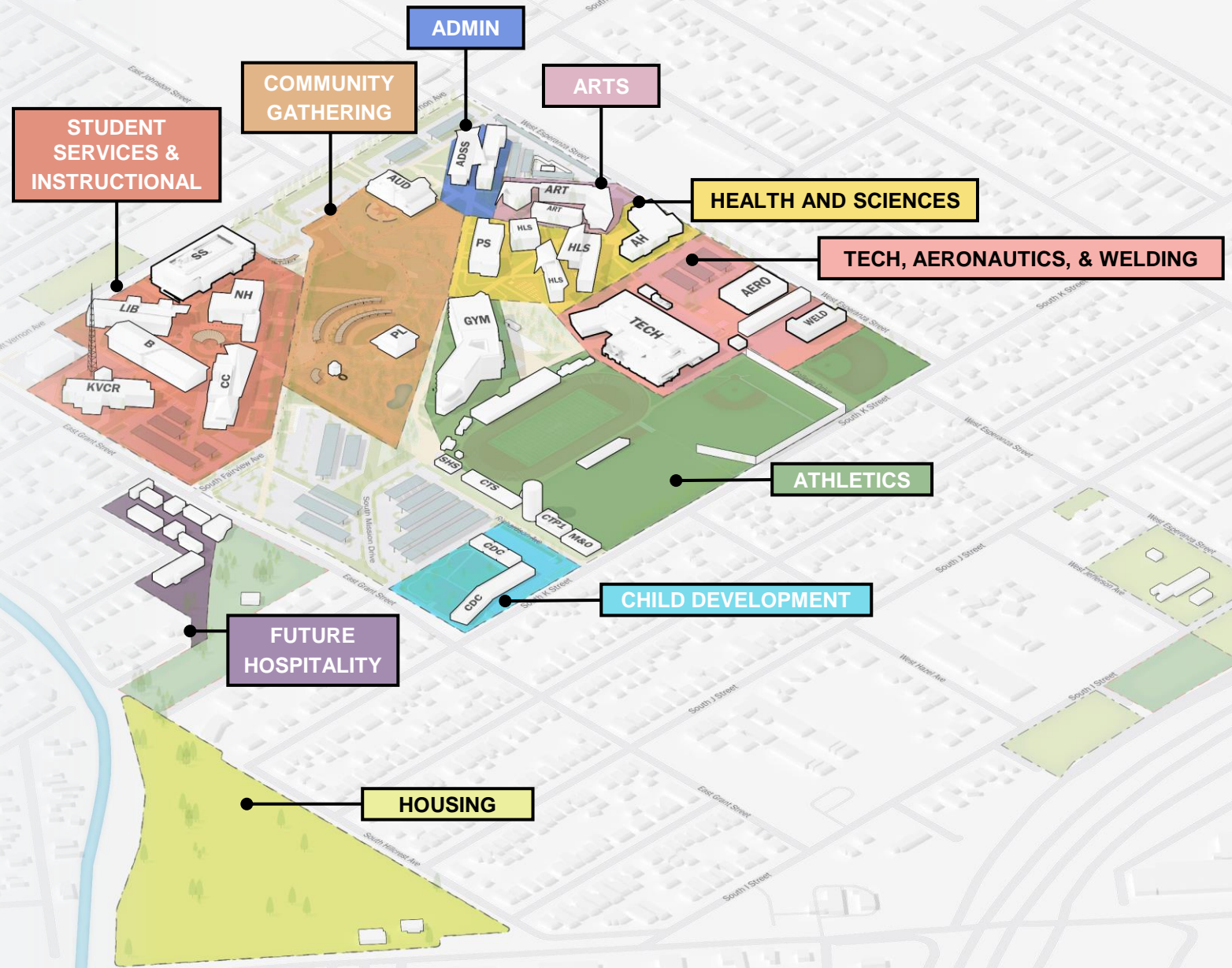
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# VISION PLAN





## New Construction

1. Campus and Community Resource Hub
2. Mixed-Use Site with Housing
3. Hospitality Hub
4. CDC & Parent Ed. Building
5. KVCR Additions
6. Community Hub

## Renovation

7. M&O Building (Former Transportation)
8. Library Repurposing
9. Greek Theater & Planetarium
10. Health Life Sciences
11. Lois Carson Campus Center – PD Space
12. Renovation of Athletic Fields/Facilities\*

## Demolition

- Warehouse (Parent Ed Center, Shipping & Receiving, Police Storage, Warehouse, and Storage Buildings)
- CTS
- SHS

## Campus-Wide

- Alignment with Sustainability Plan
- Placemaking in the Exterior Environment\*\*
- Active Learning Classroom Retrofits
- Circulation and Parking
- Infrastructure



 **New Construction – Building**

 **New Construction – Parking Structure**

 **Renovation**

 **Demolition**

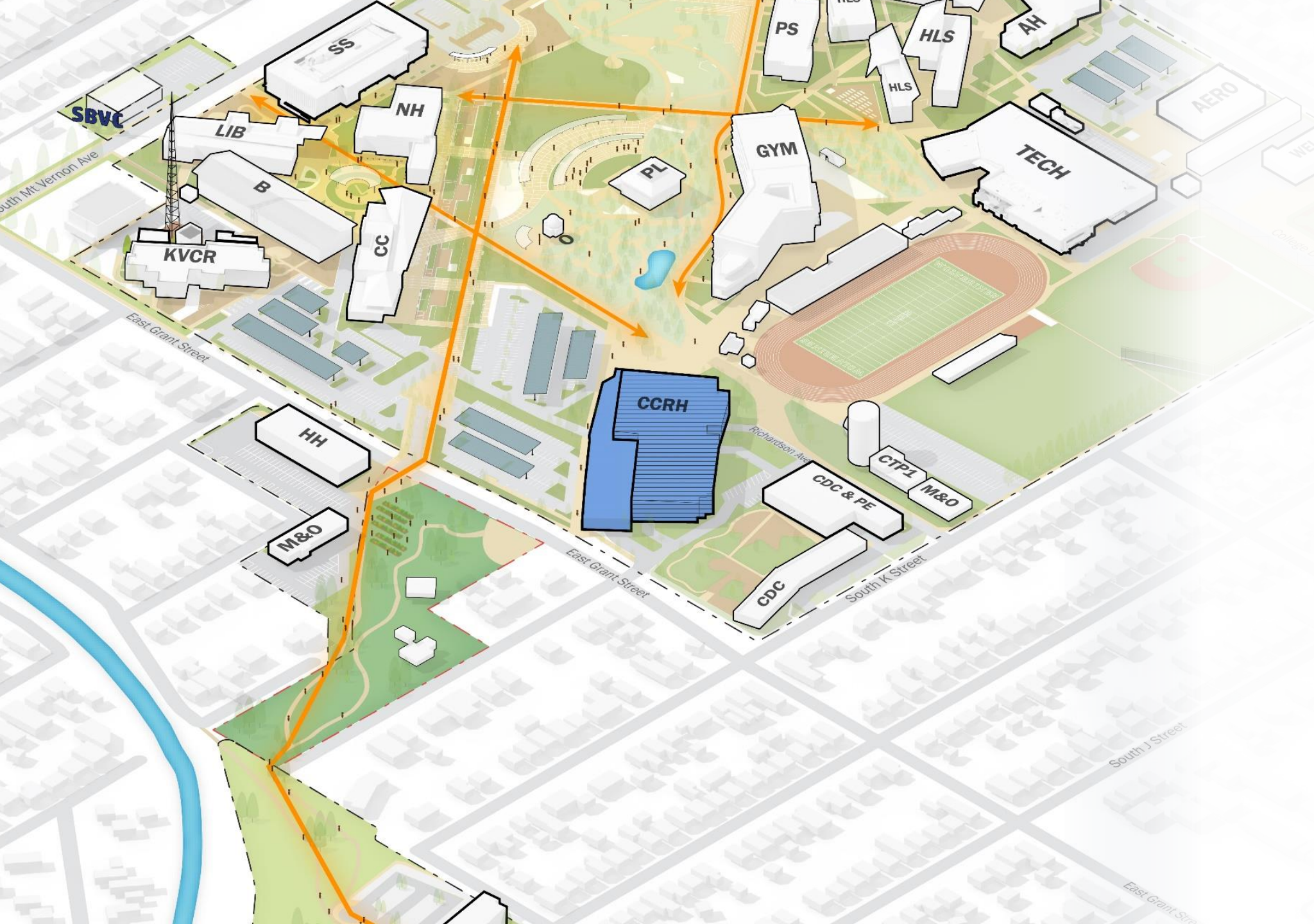
\*Includes: turf fields, stadium field renovation, track resurfacing, baseball stadium renovation

\*\*Includes Fault Promenade, Geology Garden, outdoor classrooms, and other Landscape Master Plan projects

\*\*\*Future programs may include Drone Tech., Construction Tech., Nursing expansion, and Veterinary Tech.

**Future Programs\*\*\* and CTE**





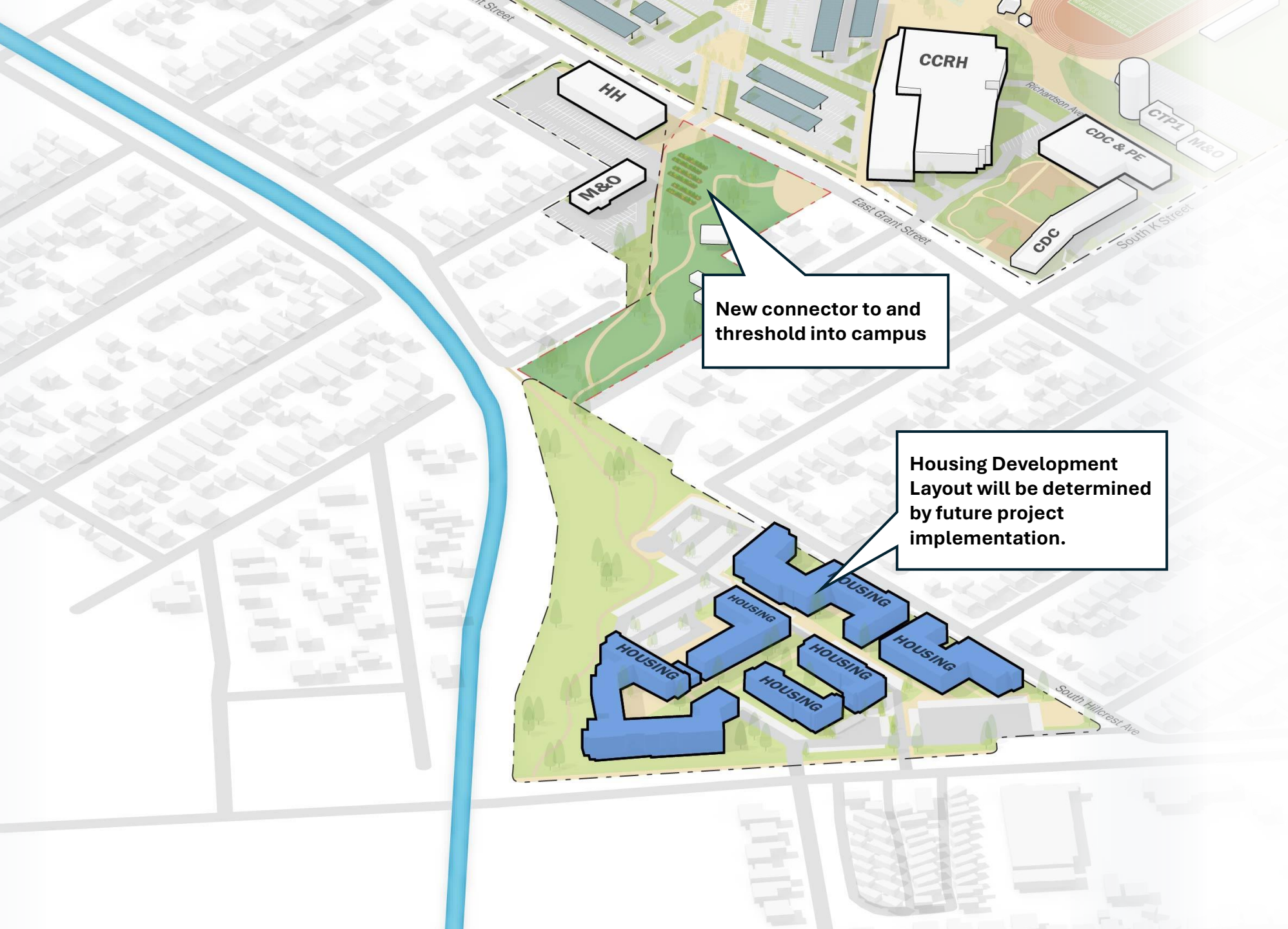
## Campus and Community Resource Hub

- Size:**
- 65,000 GSF Mixed Use Liner
  - ~690 parking stalls

- Programs:**
- Police Department
  - Printing Services
  - Warehouse
  - Offices uses
  - Police Academy Space
  - Program Expansion Space

- Sustainability:**
- Solar PV on roof
  - Design for LEED/ZNE
  - Site / Stormwater Improvements

- Alignment with Education Plan:**
- Relocate non-student facing functions from core.
  - Support parking that supports community and students



New connector to and threshold into campus

Housing Development Layout will be determined by future project implementation.

### Mixed-Use Site with Housing

#### Programs:

- Housing
- Flex/Community Housing
- Affordable Apartments
- Student Housing
- Campus/Community Green Connector

#### Sustainability:

- Social sustainability aspects
- Design for LEED/ZNE
- Site / Stormwater Improvements

#### Alignment with Education Plan:

- Student access to basic needs including housing
- Student success
- Increase revenue



## Hospitality Hub

**Size:**  
32,000 GSF

- Programs:**
- Event Space (up to 400 people)
  - Culinary Kitchen
  - Simulation Hotel Check-In
  - Space for Culinary and Baking Program
  - Non-profit and Community Programs office space
  - Flex Space
  - Community Garden

- Sustainability:**
- Design for LEED/ZNE
  - Site / Stormwater Improvements

- Alignment with Education Plan:**
- Bring the community to campus
  - Create experiential learning opportunities
  - Grow enrollment and improve program experience



**Parent Ed & CDC Building**

**Size:**  
35,000 GSF

- Programs:**
- Replaces CDC Modulars
  - Provides new and expanded space for Parent Ed. Center and CDC

- Sustainability:**
- Design for LEED/ZNE
  - Site / Stormwater Improvements

- Alignment with Education Plan:**
- Create experiential learning opportunities
  - Grow enrollment and improve program experience



**KVCR Additions**

**Size:**  
7,800 GSF

- Programs:**
- New Studio Expansion
  - New Classroom/Lab Expansion
  - Shared Storage

- Sustainability:**
- Sustainable materials in renovation/expansion

- Alignment with Education Plan:**
- Create experiential learning opportunities
  - Grow enrollment and improve program experience



### Community Hub

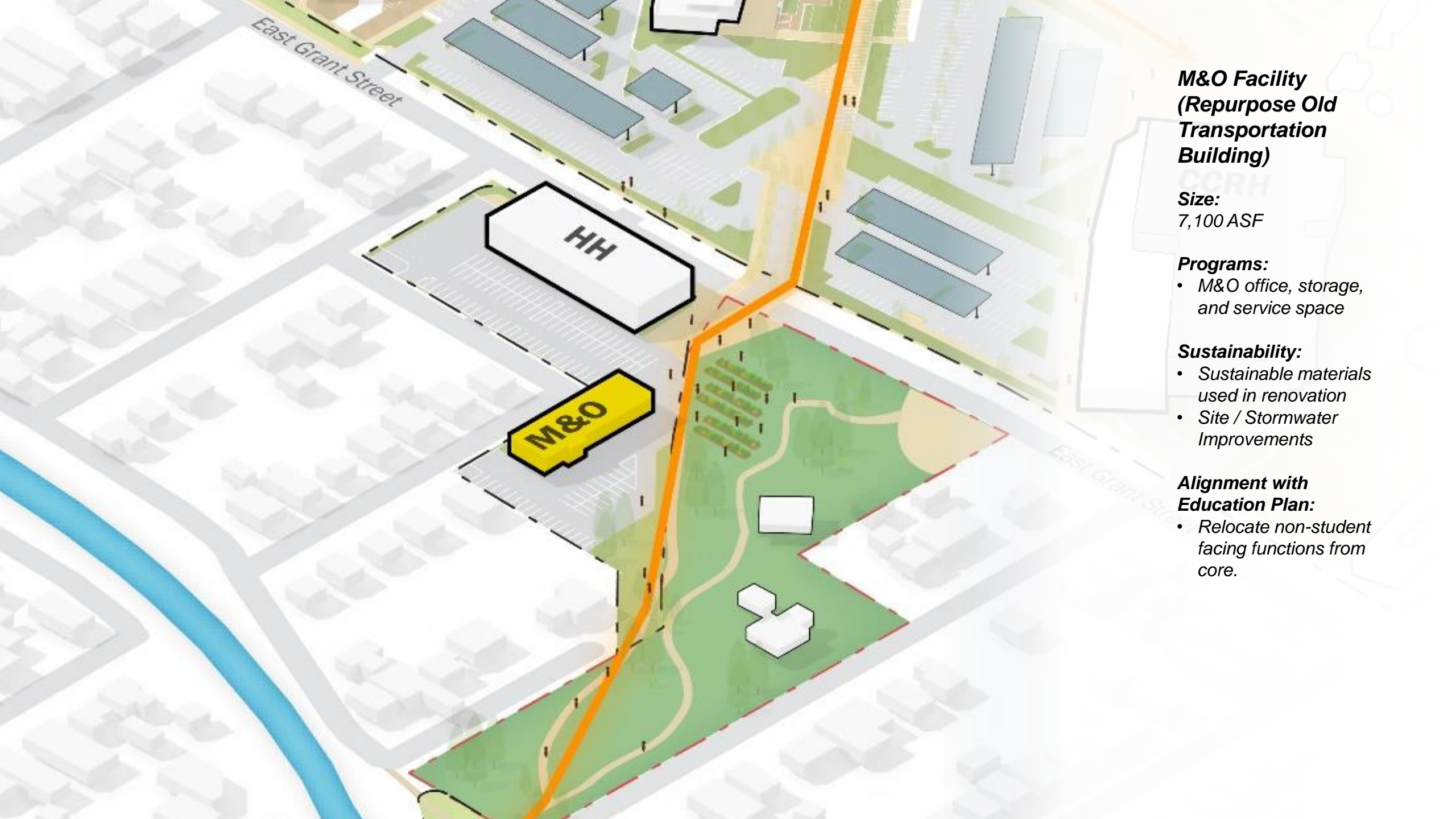
**Size:**  
16,000 GSF

- Potential Programs:**
- Community Space
  - Alumni Hall/Hall of Fame
  - Student Space

- Sustainability:**
- Design for LEED/ZNE
  - Site / Stormwater Improvements

- Alignment with Education Plan:**
- Bring the community to campus
  - Create spaces that foster student retention and recruitment





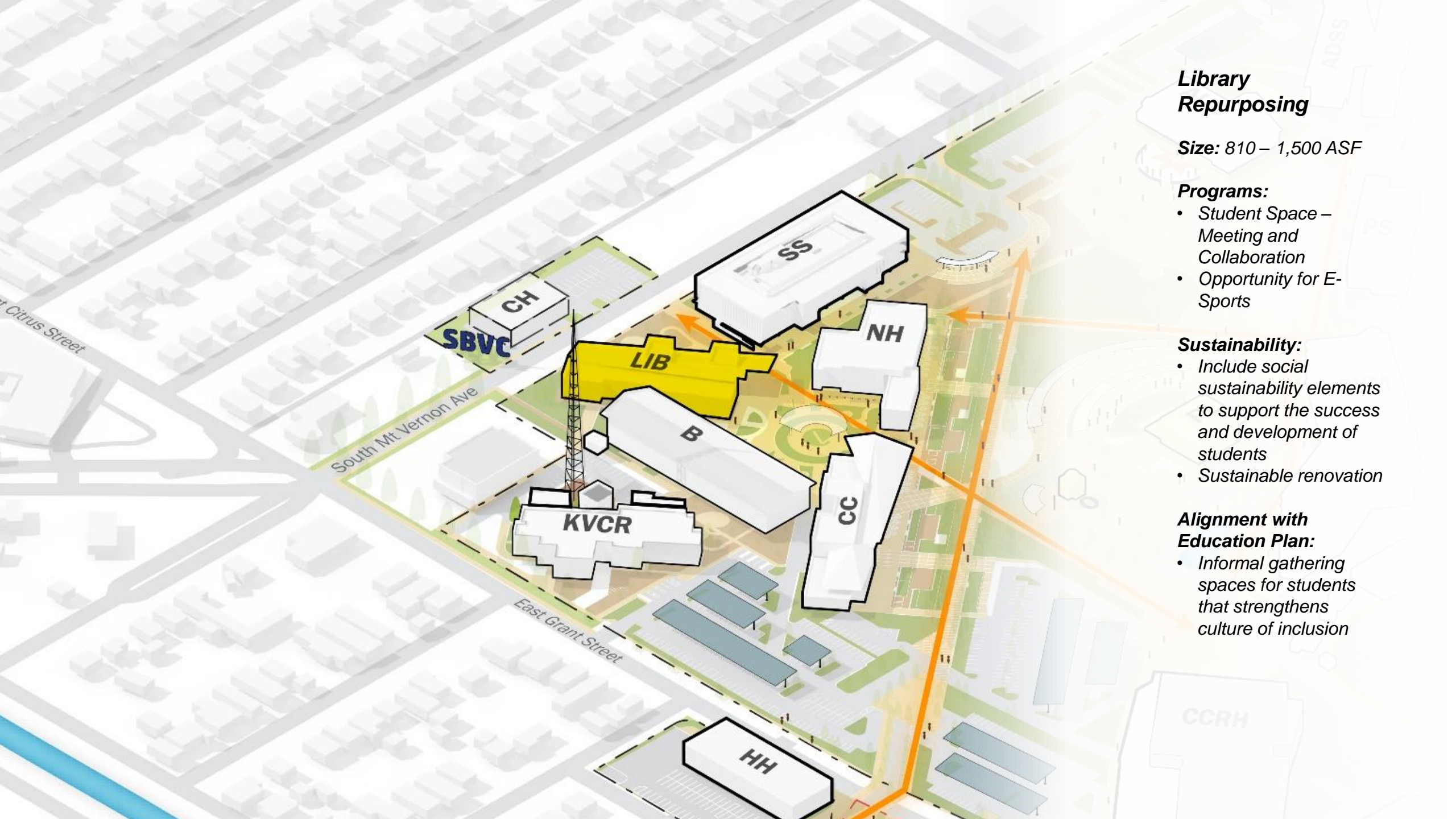
**M&O Facility  
(Repurpose Old  
Transportation  
Building)**

**Size:**  
7,100 ASF

- Programs:**
- M&O office, storage, and service space

- Sustainability:**
- Sustainable materials used in renovation
  - Site / Stormwater Improvements

- Alignment with Education Plan:**
- Relocate non-student facing functions from core.



## **Library Repurposing**

**Size:** 810 – 1,500 ASF

### **Programs:**

- Student Space – Meeting and Collaboration
- Opportunity for E-Sports

### **Sustainability:**

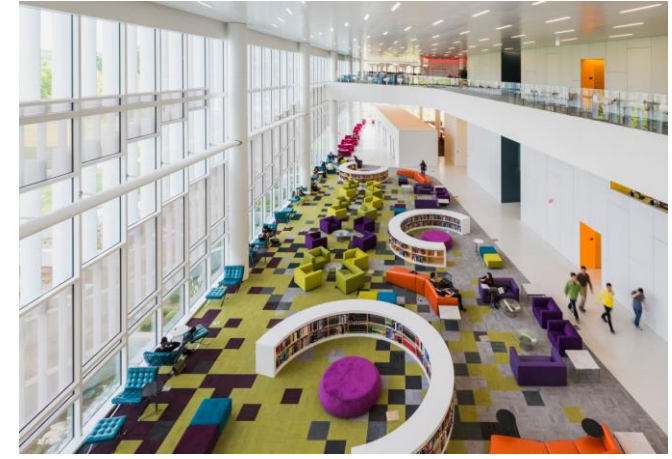
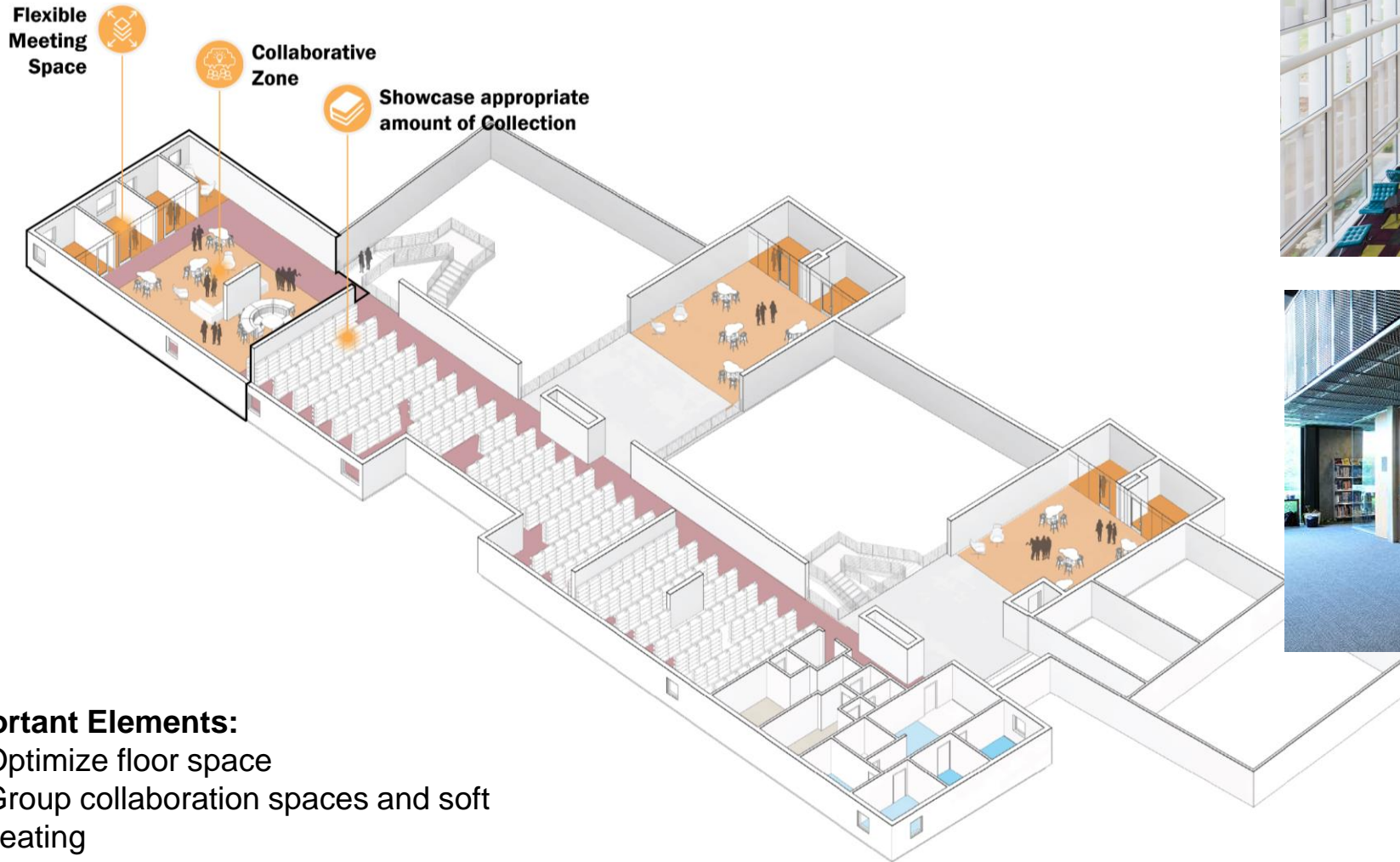
- Include social sustainability elements to support the success and development of students
- Sustainable renovation

### **Alignment with Education Plan:**

- Informal gathering spaces for students that strengthens culture of inclusion



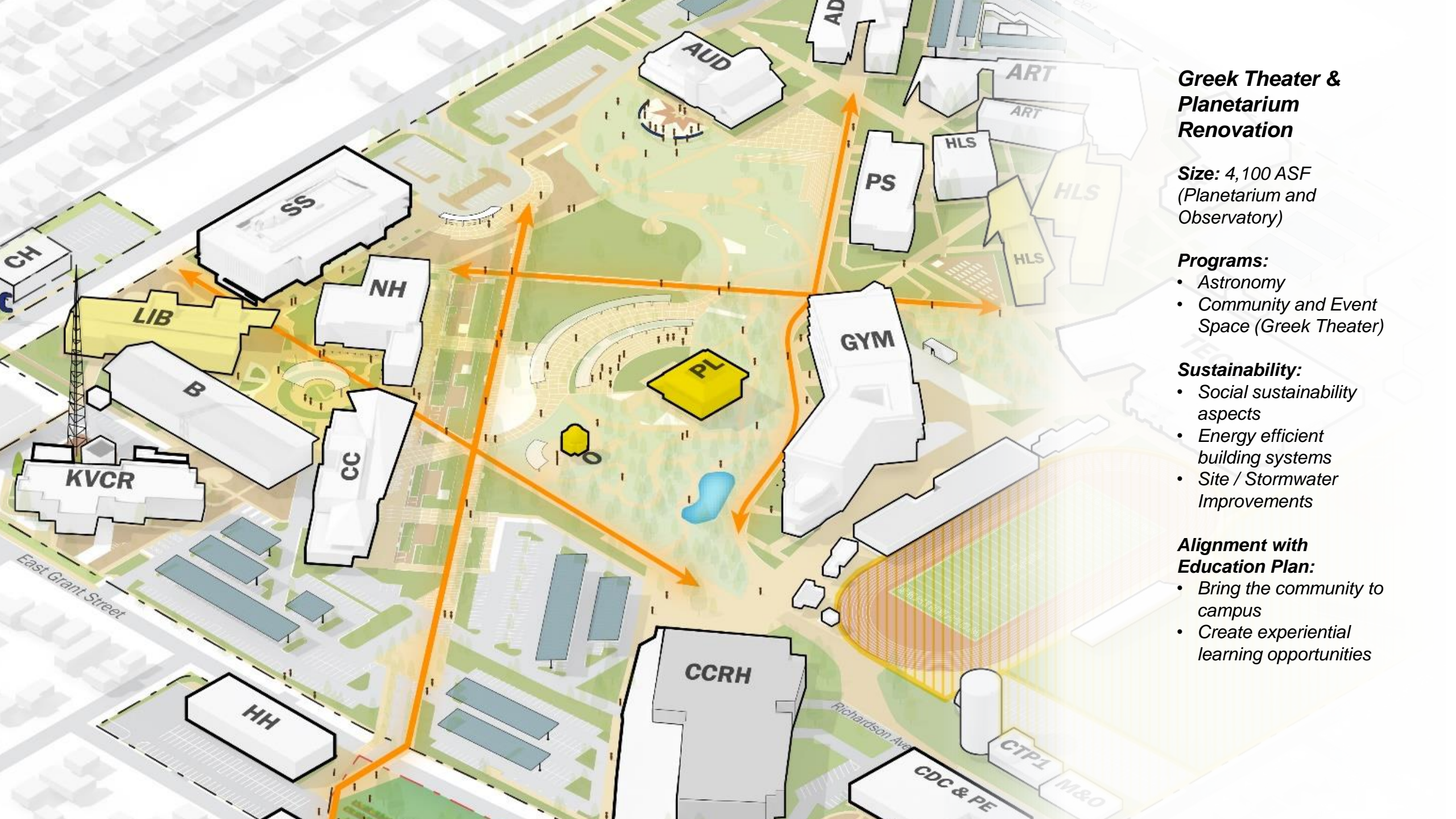
# Library Concept



Library Floor 2

## Important Elements:

- Optimize floor space
- Group collaboration spaces and soft seating
- Study rooms and smaller private meeting spaces



### **Greek Theater & Planetarium Renovation**

**Size:** 4,100 ASF  
(Planetarium and Observatory)

- Programs:**
- Astronomy
  - Community and Event Space (Greek Theater)

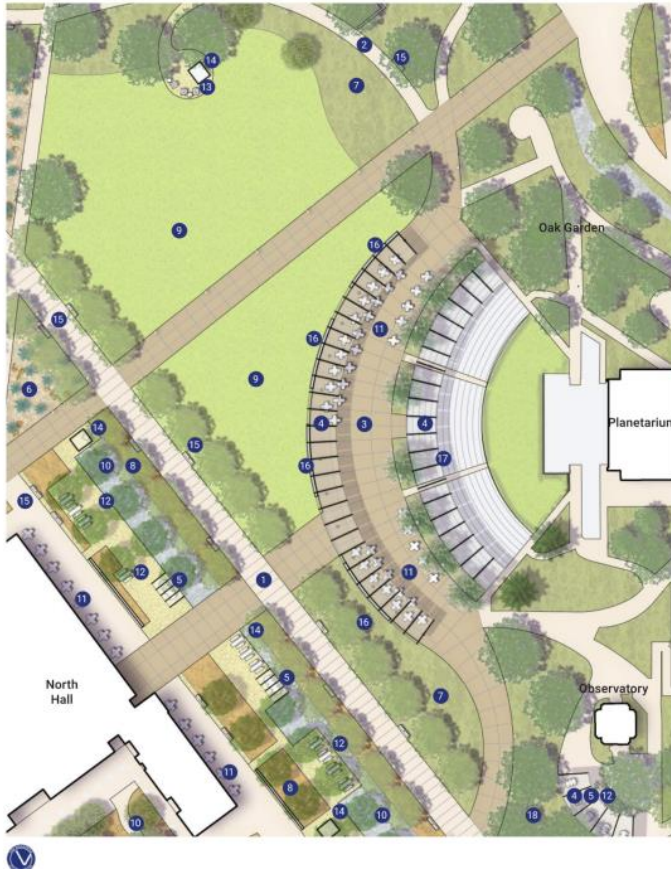
- Sustainability:**
- Social sustainability aspects
  - Energy efficient building systems
  - Site / Stormwater Improvements

- Alignment with Education Plan:**
- Bring the community to campus
  - Create experiential learning opportunities



# Greek Theater – Landscape Master Plan

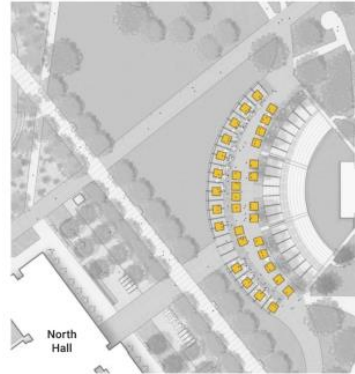
Central Event Plaza / Event Lawn



**Features**

- 1 Fault Line Promenade
- 2 Oak Trail
- 3 Central Event Plaza
- 4 Shade Structure
- 5 Outdoor Classroom
- 6 Mojave Desert Garden
- 7 Oak Savanna
- 8 Waterwise Planting
- 9 Event Lawn
- 10 Stormwater Garden
- 11 Cafe Seating
- 12 Collaboration Space
- 13 Informal Seating
- 14 Solar Powered Collaboration Table
- 15 Bench Seating
- 16 Seatwall
- 17 Shaded Greek Theater
- 18 Geology Garden

Central Event Plaza / Event Lawn - Sample Layout Scenarios

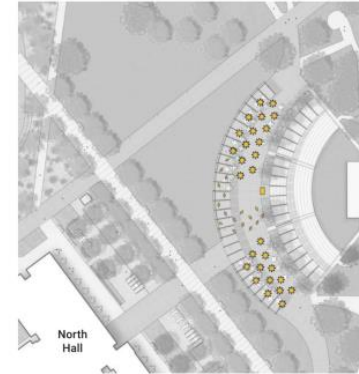


Scenario 1: Campus or Community Fair

- 16,268sf plaza
- 5,720sf plaza shade structure
- (32+) 10'x10' booths



Career Fair

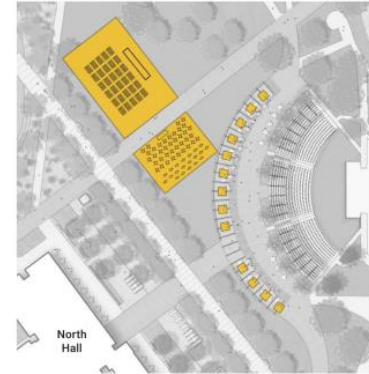


Scenario 2: 250 Person Catered Event

- (25+) 10 person tables
- (17+) cocktail tables
- 200sf stage, podium or speaker space
- 250 seated guests



Awards Ceremony

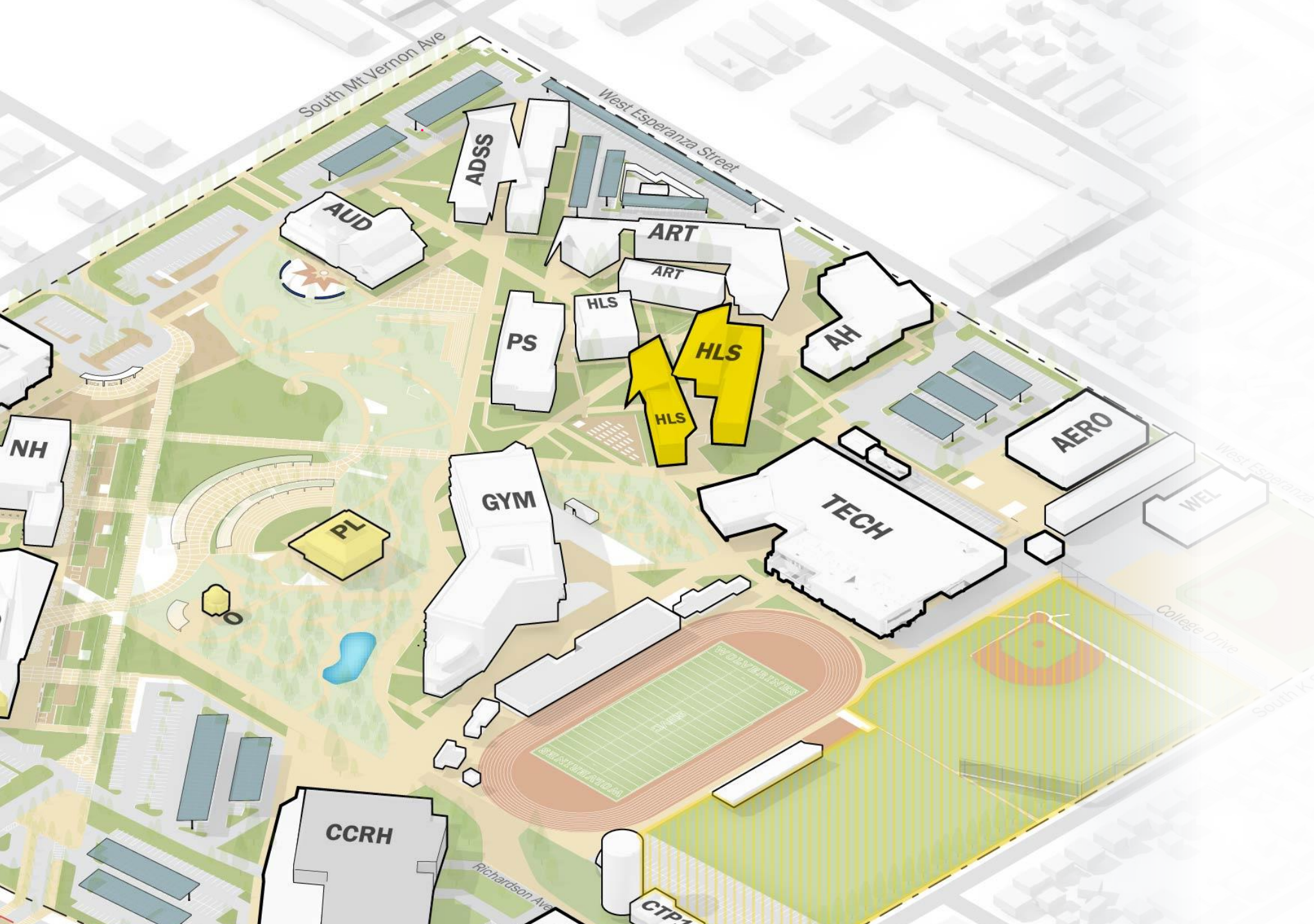


Scenario 3: Large Events

- 7200sf/500 person tent
- 4000sf/200 person tent
- 4,700sf amphitheater shade structure
- 1000 person amphitheater seating
- (20) 10'x10' booths



Tented Event



## Health & Life Sciences

**Size:** ~6,900 ASF

### **Programs:** “Community”

- Clinic spaces
- Pharmacy for Pharmacy Tech
  - Operating Room for Surge Tech
  - Blood Lab for Phlebotomy
  - Office Space for Medical Billing & Coding

### **Sustainability:**

- Sustainable materials used in renovation
- Building efficiency improvements where possible

### **Alignment with Education Plan:**

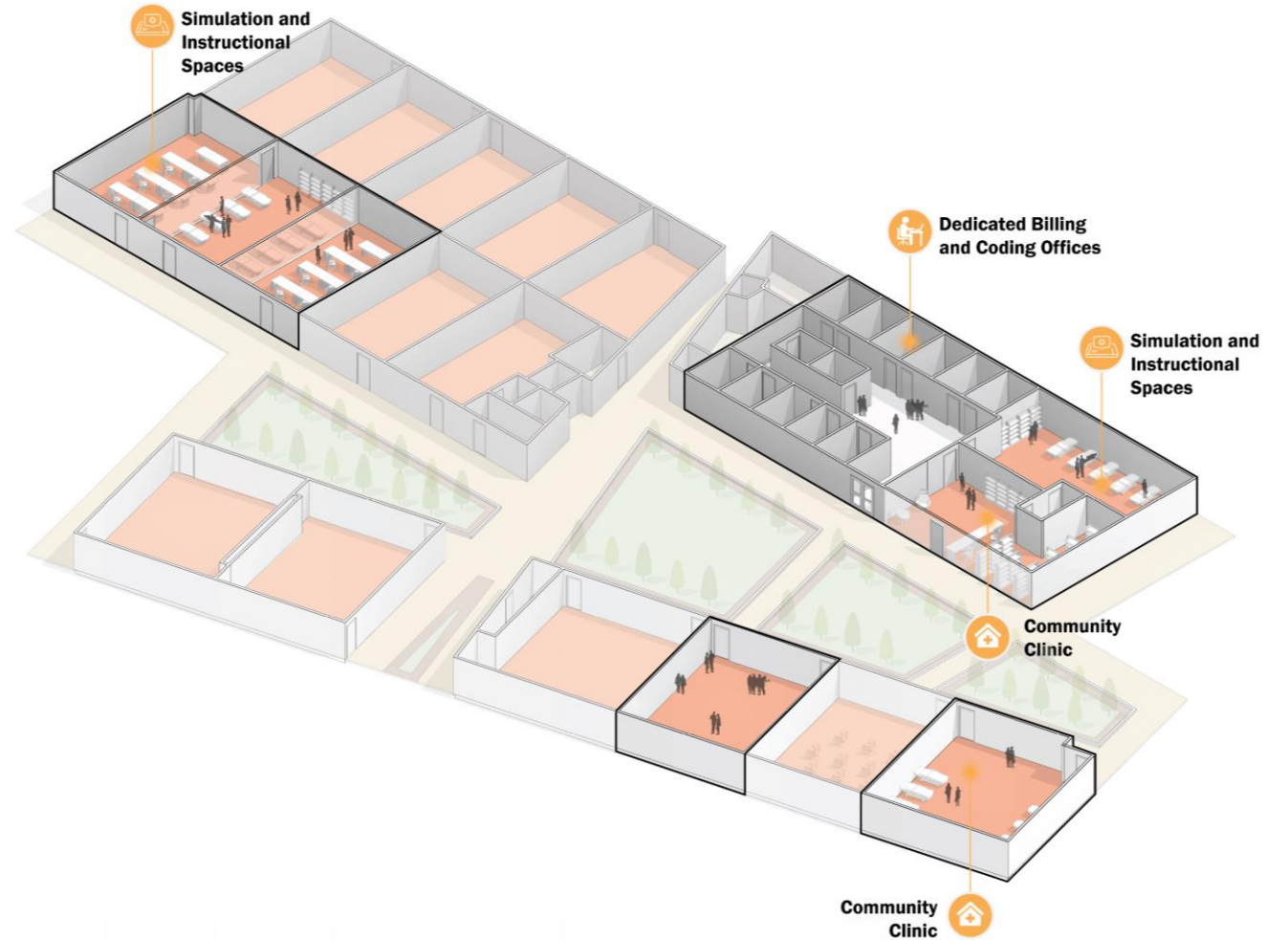
- Increase student enrollment for impacted programs
- Space for new and medical health-related programs
- Create experiential learning opportunities

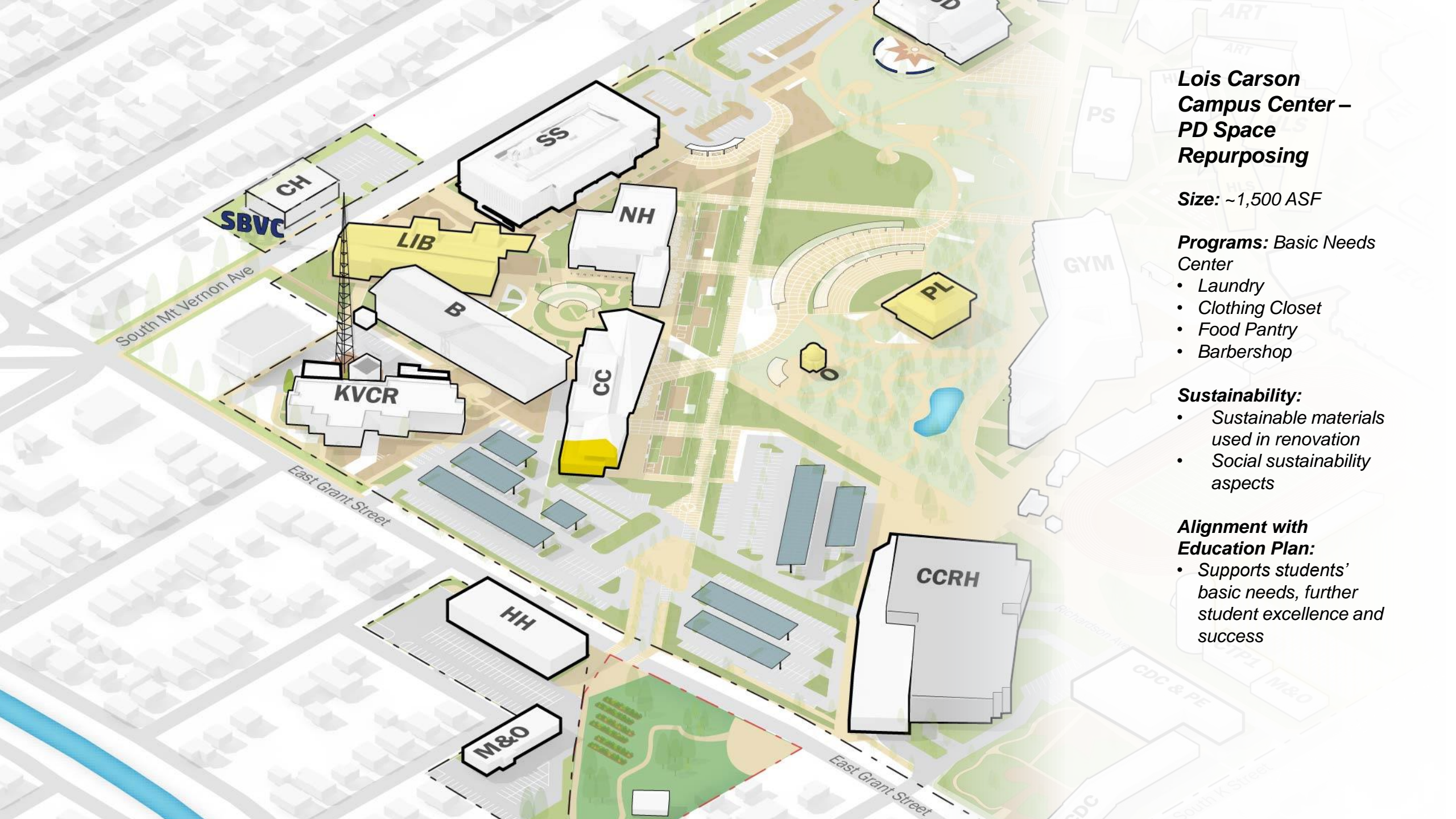


# Health & Life Sciences Concept

## Potential Elements:

- Medical Billing & Coding Offices
- Expansion of Simulation/Lab Spaces for Nursing Growth
- Simulation Pharmacy
- Simulation Blood Lab
- Surge Tech Space
- Sim. Waiting Room





**Lois Carson  
Campus Center –  
PD Space  
Repurposing**

**Size:** ~1,500 ASF

**Programs:** Basic Needs  
Center

- Laundry
- Clothing Closet
- Food Pantry
- Barbershop

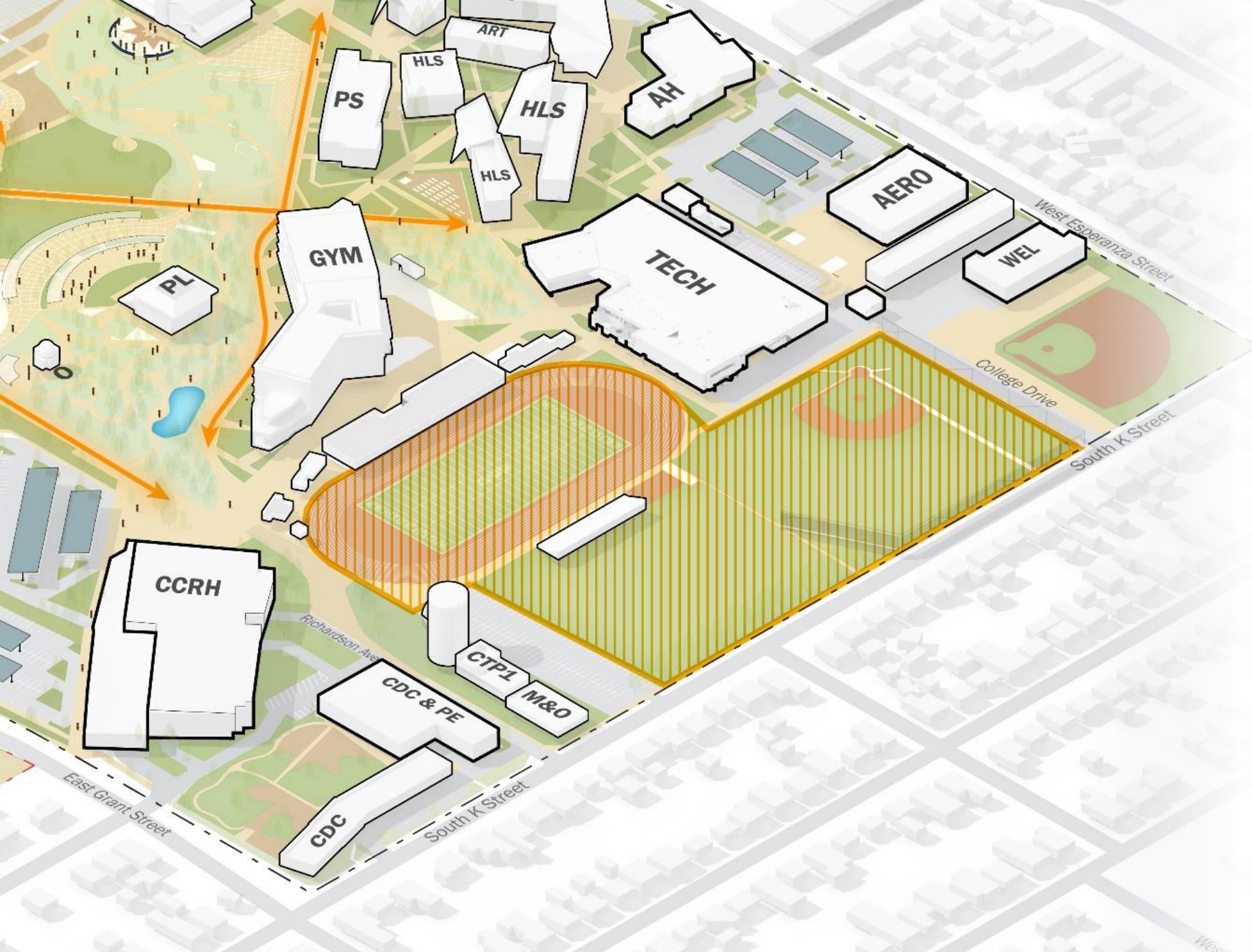
**Sustainability:**

- Sustainable materials  
used in renovation
- Social sustainability  
aspects

**Alignment with  
Education Plan:**

- Supports students’  
basic needs, further  
student excellence and  
success





## **Athletic Fields Renovation**

### **Programs: Field Upgrades**

- Soccer Field
- Baseball Field
- Track resurfacing and Stadium Field

### **Sustainability:**

- Site / Stormwater Improvements

### **Alignment with Education Plan:**

- Increase student enrollment and retention
- Brings community on to campus



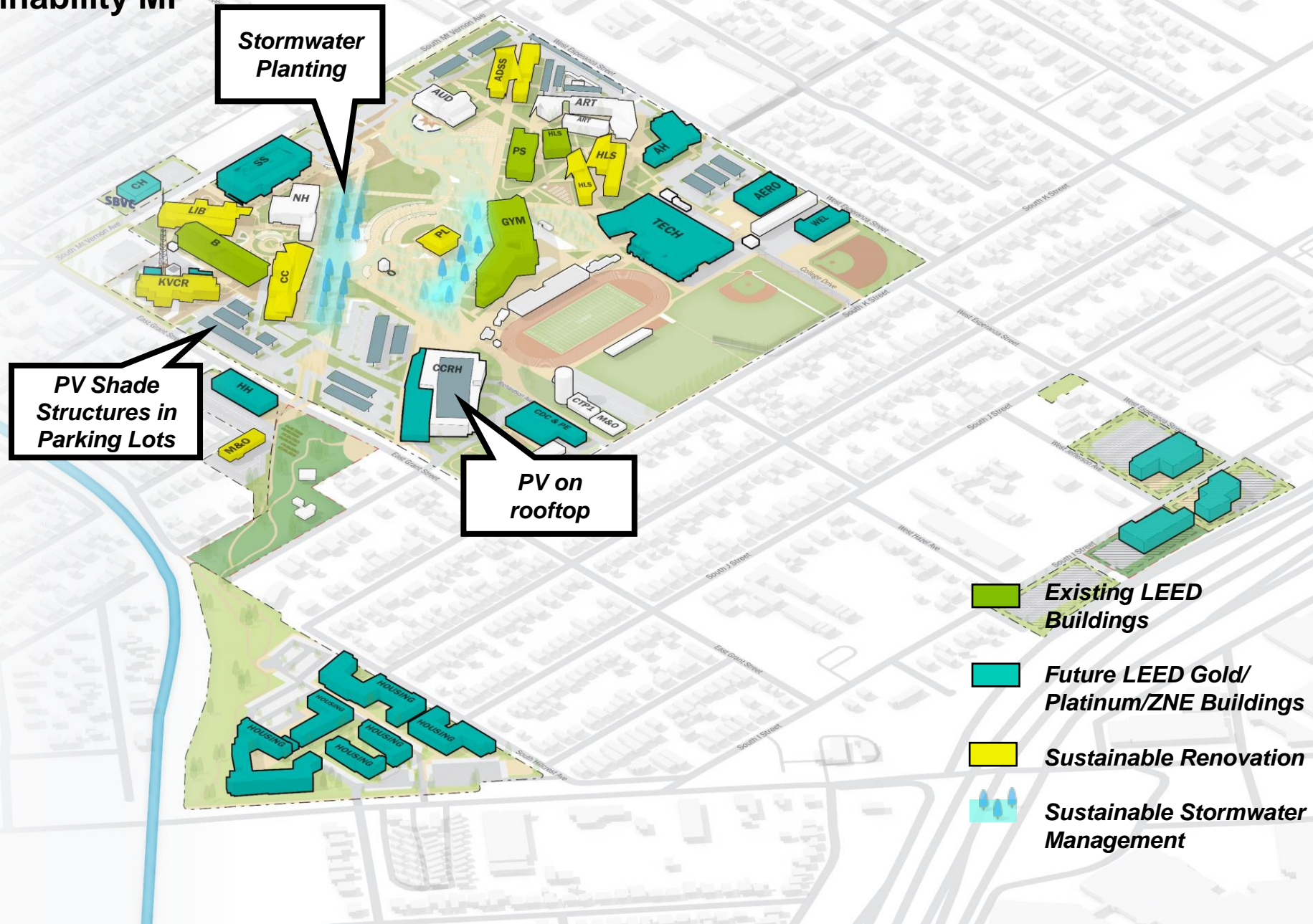
# Alignment with Sustainability MP

## What's already happening?

- LEED Platinum and ZNE Buildings in design
- Site and stormwater improvements

## What's next?

- **Implement the Sustainability Master Plan and Landscape Master Plan**
- Moving toward electrification, away from gas.
- Embodied Carbon reduction
- Retro-commissioning and retrofitting older buildings
- EV Charging in alignment with Title 24

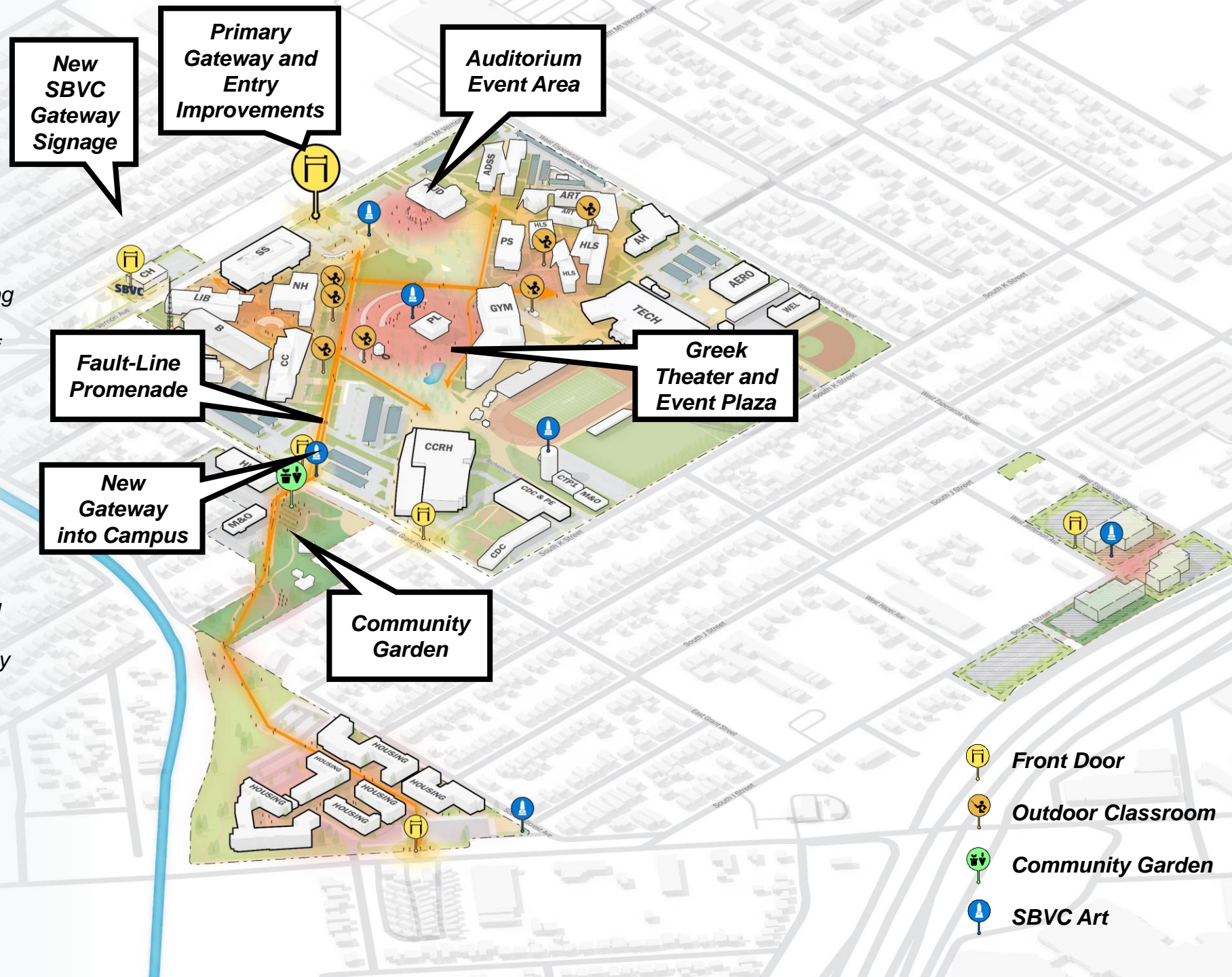




# Placemaking

## Key Elements

- **Implement the Landscape Master Plan**
  - Arrival and Wayfinding Improvements
  - Programmatic Use of Outdoor Space – Outdoor Classrooms, Collaboration Space
  - Sustainable Landscape Elements
  - Event and Gathering Space
  - Thematic Gardens
- **Implement the Wayfinding Master Plan**
  - Signage and Gateway Improvements





# Landscape Master Plan Projects

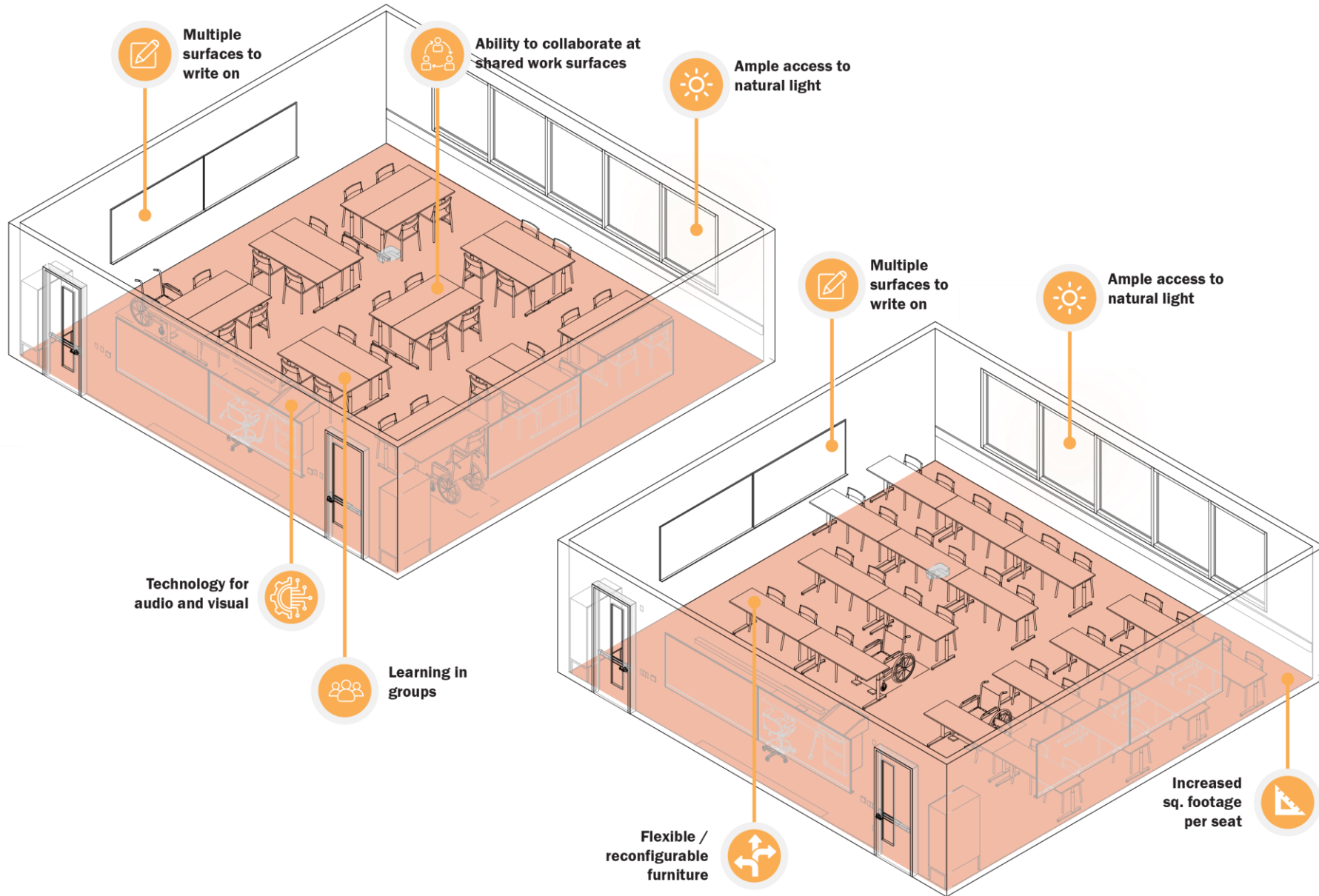
## Highlights:

- Fault Line Promenade
- Geology Garden and Educational Gardens
- Outdoor Classrooms
- Stormwater Treatment
- Entry/Arrival Improvements
- Event Plaza and Lawn
- Greek Theater





# Active Learning Retrofits





# New Construction & Renovations of Classroom Space

## Design for active learning and flexibility

- Flexible furniture arrangements and technology that supports informal teaching styles and collaboration
- Wall partitions that make rooms adaptable



## Increase efficiency and accommodate common classroom sizes

- Where possible, increase timeframes in which classes are offered to maximize classroom use
- Class sizes tend to be smaller than classroom capacities; consider course schedule in renovations and new construction; utilize partitions and flexible arrangements to adapt existing rooms





# Circulation and Parking

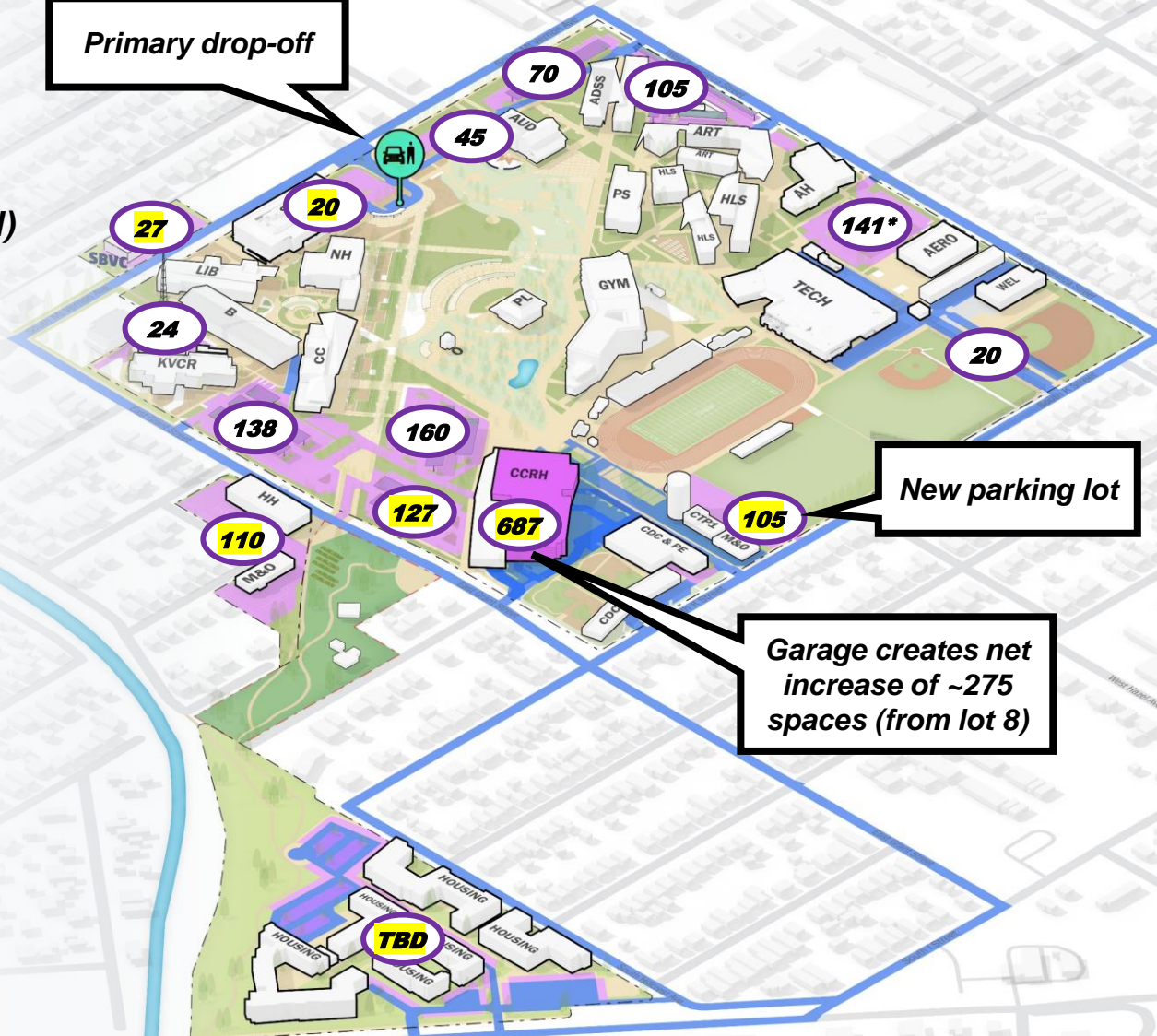
## Total Parking Count:

~1,780

(Not Including Housing Parcel)

- Net increase of 537 spaces (from Phase 00 Baseline)

Primary drop-off



New parking lot

Garage creates net increase of ~275 spaces (from lot 8)



# Copy of the First Draft FMP

<https://sbccdpmo.egnyte.com/dl/jW38WmZNq6>







**Questions or Comments?**

**Reach out to:**

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