



# Campus Master Plan 2020 - BSC Projects

## California State Polytechnic University, Pomona





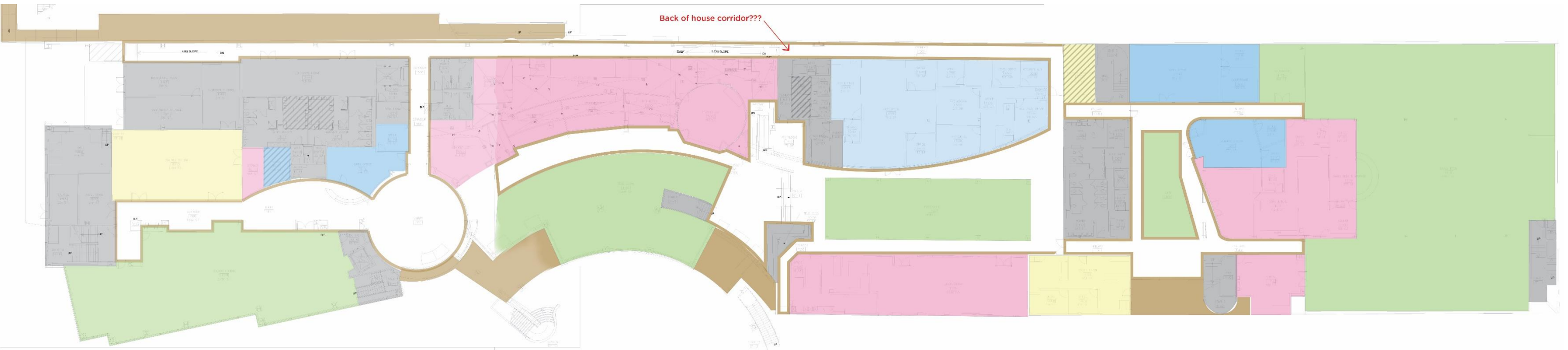
# BSC Expansion Studies

Campus Master Plan

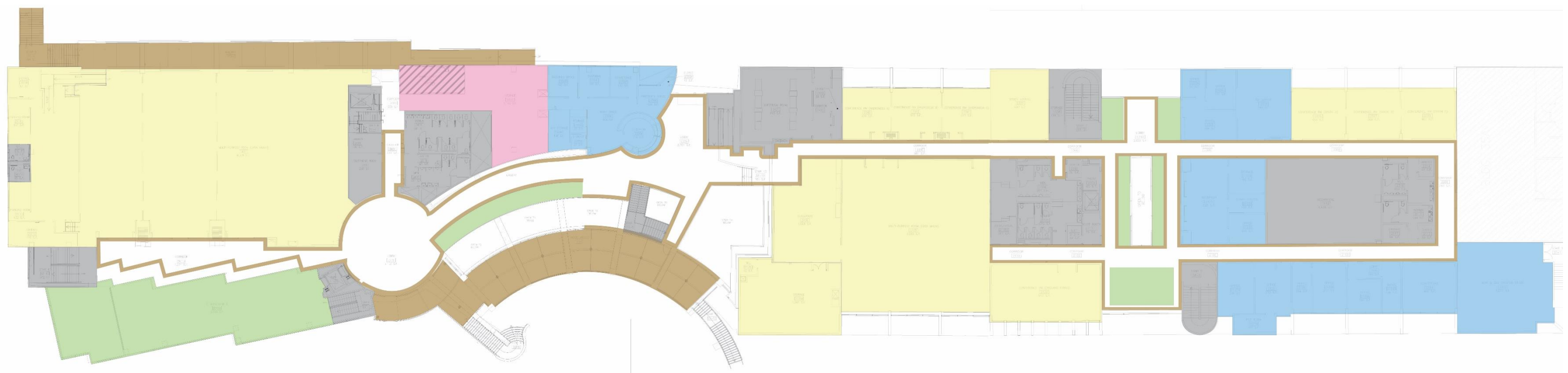
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## Facility Space-Uses & Expansion Potential

# BSC: Existing Area Analysis



FIRST FLOOR



SECOND FLOOR

- Student Use
- Building Services
- Support Services
- Student Government
- Operations-Resources
- Circulation

# BSC: Existing Area Analysis

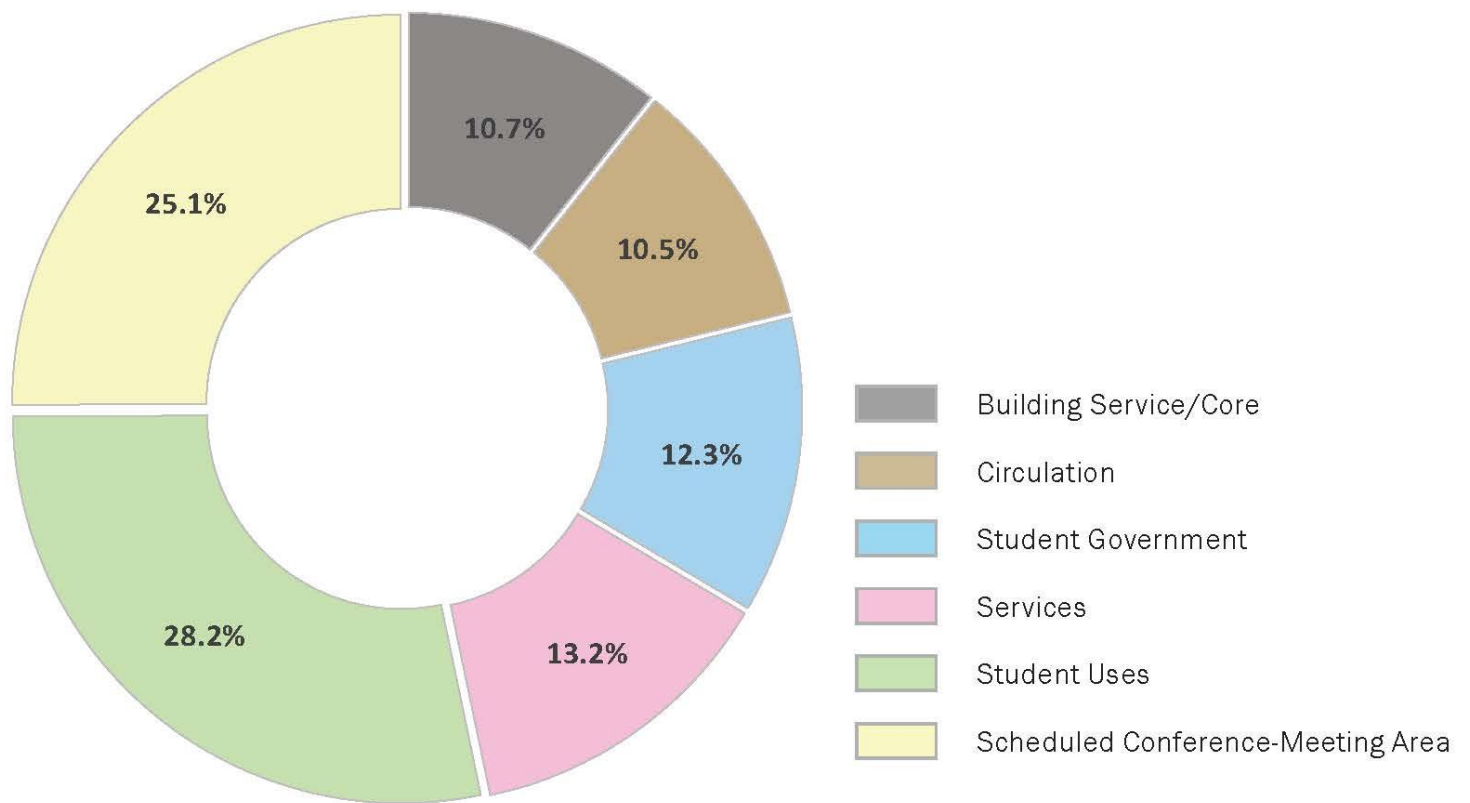
Bronco Student Center Planning Study

Area Use Analysis

SUMMARY TABLE

Area Type	Area (%)	Category	Area (%)	Sub-Category	Area (SF)	Area (%)	Subleased Area Only	Subleased Area (SF)	Subleased Area (%)		
Core	21.2%	Building Service/Core	10.7%	Technical Rooms (MEP)	5,237	6.0%			0	0%	
				Restrooms	4,146	4.7%	0		0%		
		Circulation	10.5%	9,154	10.5%	172	2%				
Usable Space	78.8%	Student Government	12.3%	Office	6,473	7.4%	547		8%		
				Meeting-Senate/Cabinet	2,798	3.2%	1,012		14%		
				Support	1,530	1.7%	500		7%		
		Services	13.2%	Food	6,405	7.3%	3,936		56%		
				Office	614	0.7%	0		0%		
				Storage	2,802	3.2%	0		0%		
				Other Service Area	1,718	2.0%	0		0%		
		Student Uses	28.2%	Studying	5,846	6.7%	0	0%			
				Eating	9,043	10.3%	0	0%			
				Meet/Activity	9,796	11.2%	0	0%			
		Scheduled Conference-Meeting Area	25.1%	Scheduled Conference Rooms	19,075	21.8%	0	0%			
				Support-Storage	1,482	1.7%	0	0%			
				Office	1,380	1.6%	857	12%			
		<b>TOTAL</b>	<b>100%</b>		<b>100%</b>		<b>87,499</b>	<b>100%</b>		<b>7,024</b>	<b>100%</b>

Gross Square Feet (GSF) 87,499 SF  
 Assignable Square Feet (ASF) 68,962 SF  
 % Efficiency [(ASF/GSF)\*100] 78.8%



Findings:

**Major renovation is recommended -Priority Phase 1**

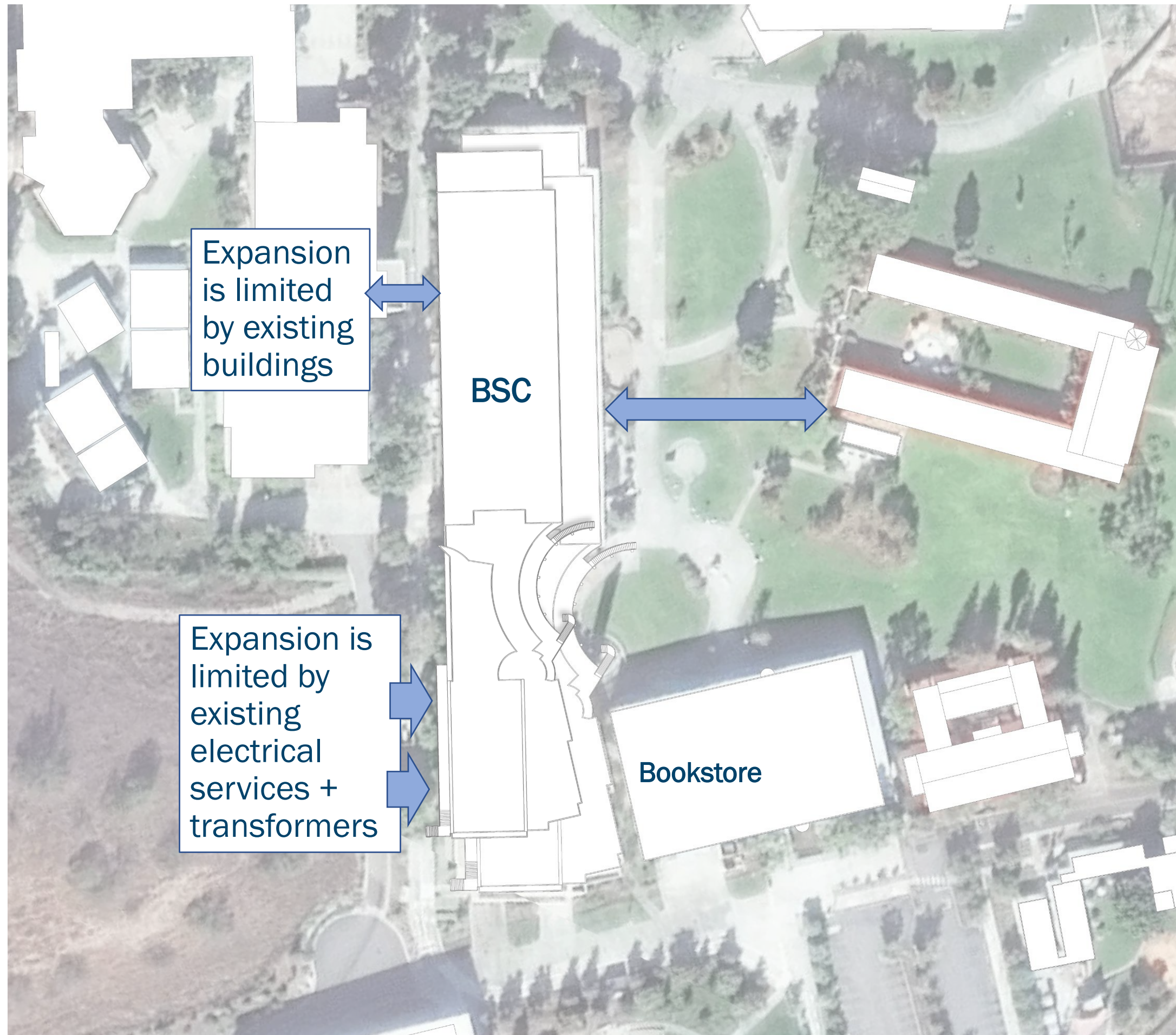
**Small additions are possible on the east side;** will not add a lot of useable NSF; could expand study lounge, and enhance student activities connection to exterior space.

**Primary need is for more study space.** The Bookstore building could provide study space on 2nd floor.

**Conference center could be added west of the BSC** to add significantly more meeting & conference space.



# BSC EXPANSION STUDY

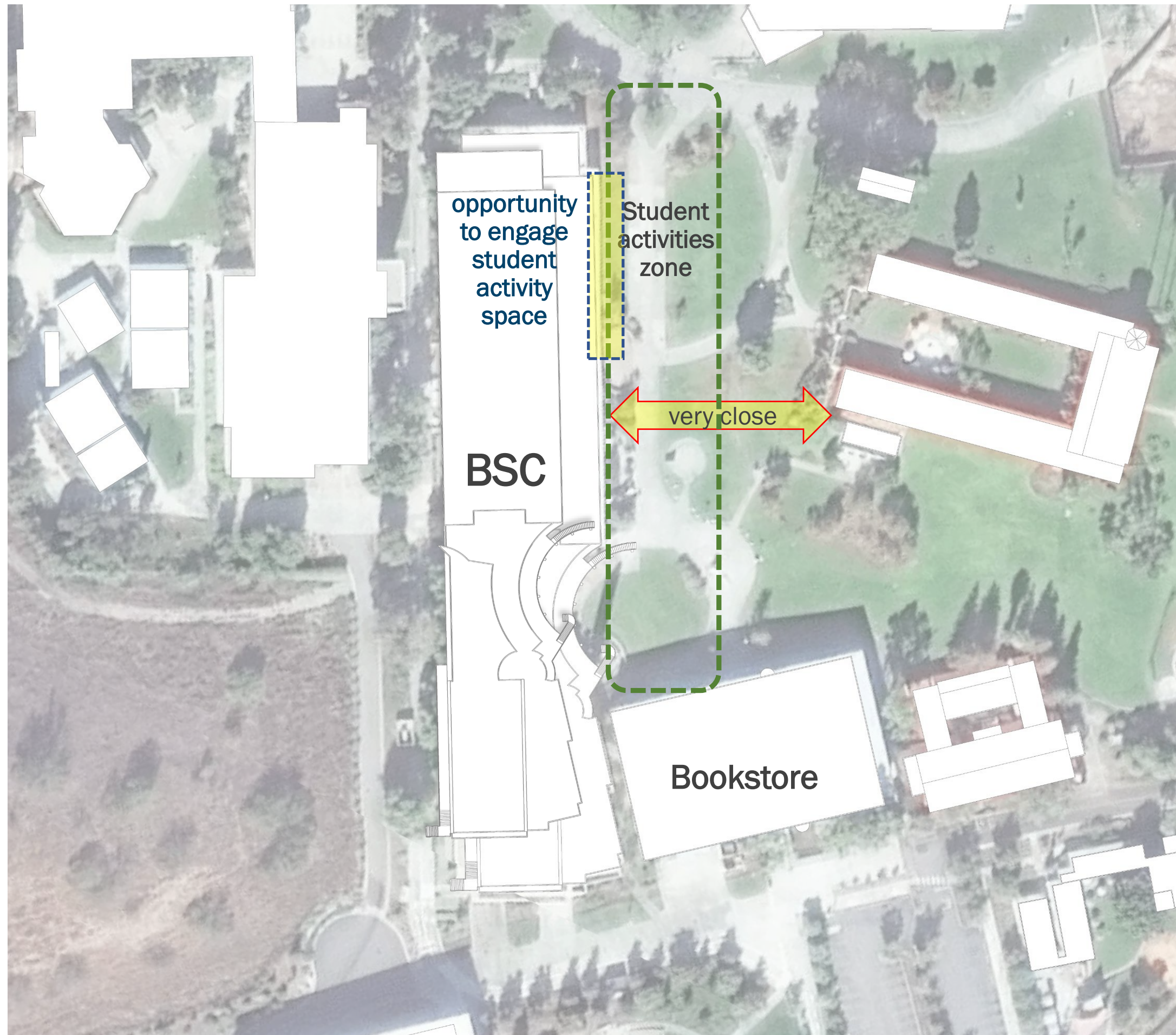


## Analysis:

- Expansion is extremely constrained by existing conditions.
- BSC renovation would be a significant improvement.
- Small additions may be possible on the east side of the building, but will not add a lot of useable NSF.
- The Bookstore Building is a major obstacle, could be modified for more useable space and eventually removed to improve connectivity.



# BSC EXPANSION STUDY

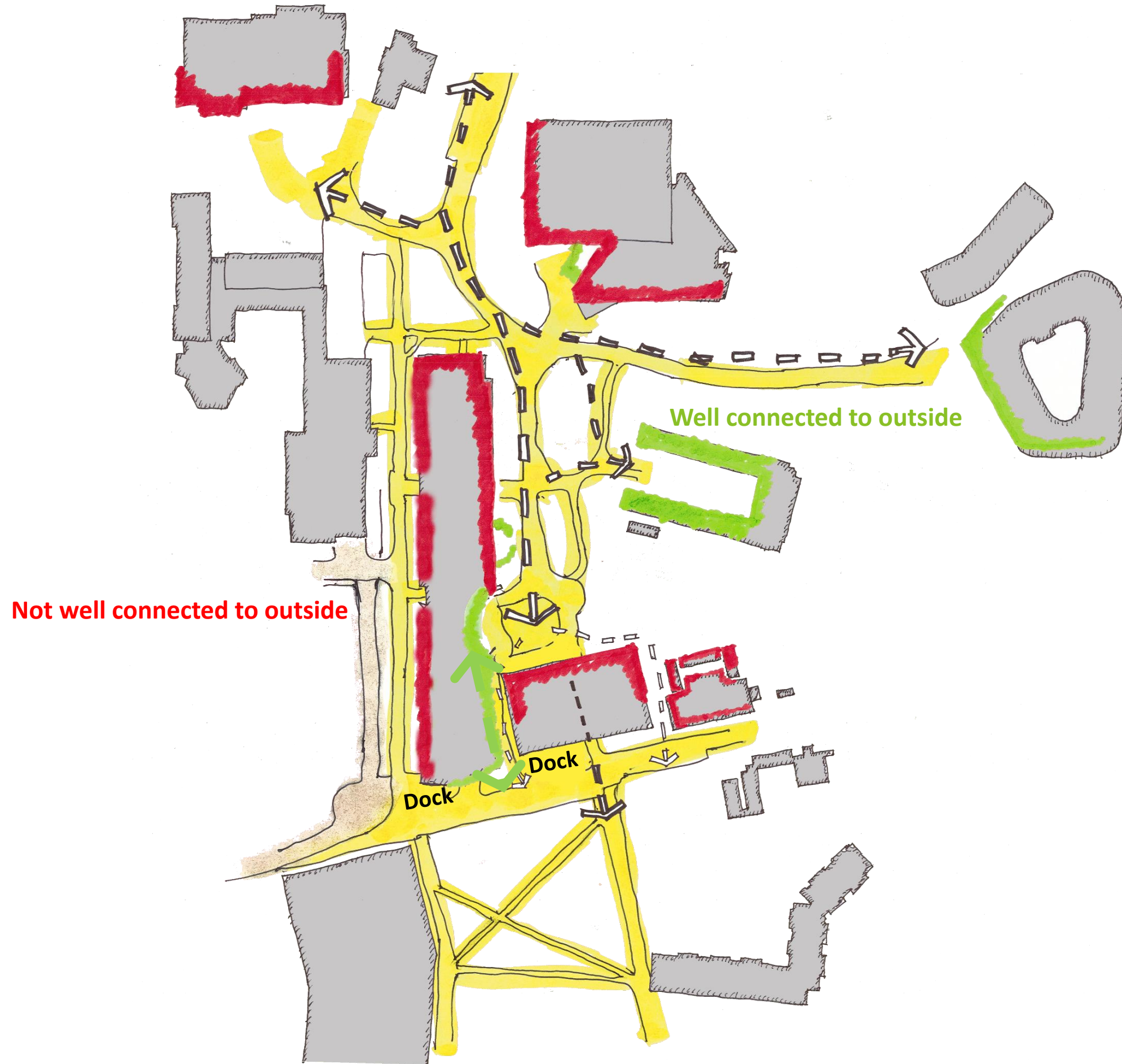


## Findings:

- The BSC needs major renovations; these could be phased to keep the center open during the renovations.
- Small additions on the east side of the building will not add significant interior useable space, but would support student activities & enhance engagement with exterior activities.
- The 2<sup>nd</sup> floor of the Bookstore building could be reconfigured to improve connectivity and provide additional study space. Long term the bookstore will move to the Transit Hub/Welcome Center and the existing buildings demolished.
- To increase meeting space, a new structure is proposed, west of the BCS, with an upper level bridge to conference center space over, and visitor parking on the lower levels.



# BSC AREA: Barriers





# BSC AREA: Opportunities





# BSC Expansion Studies

Campus Master Plan

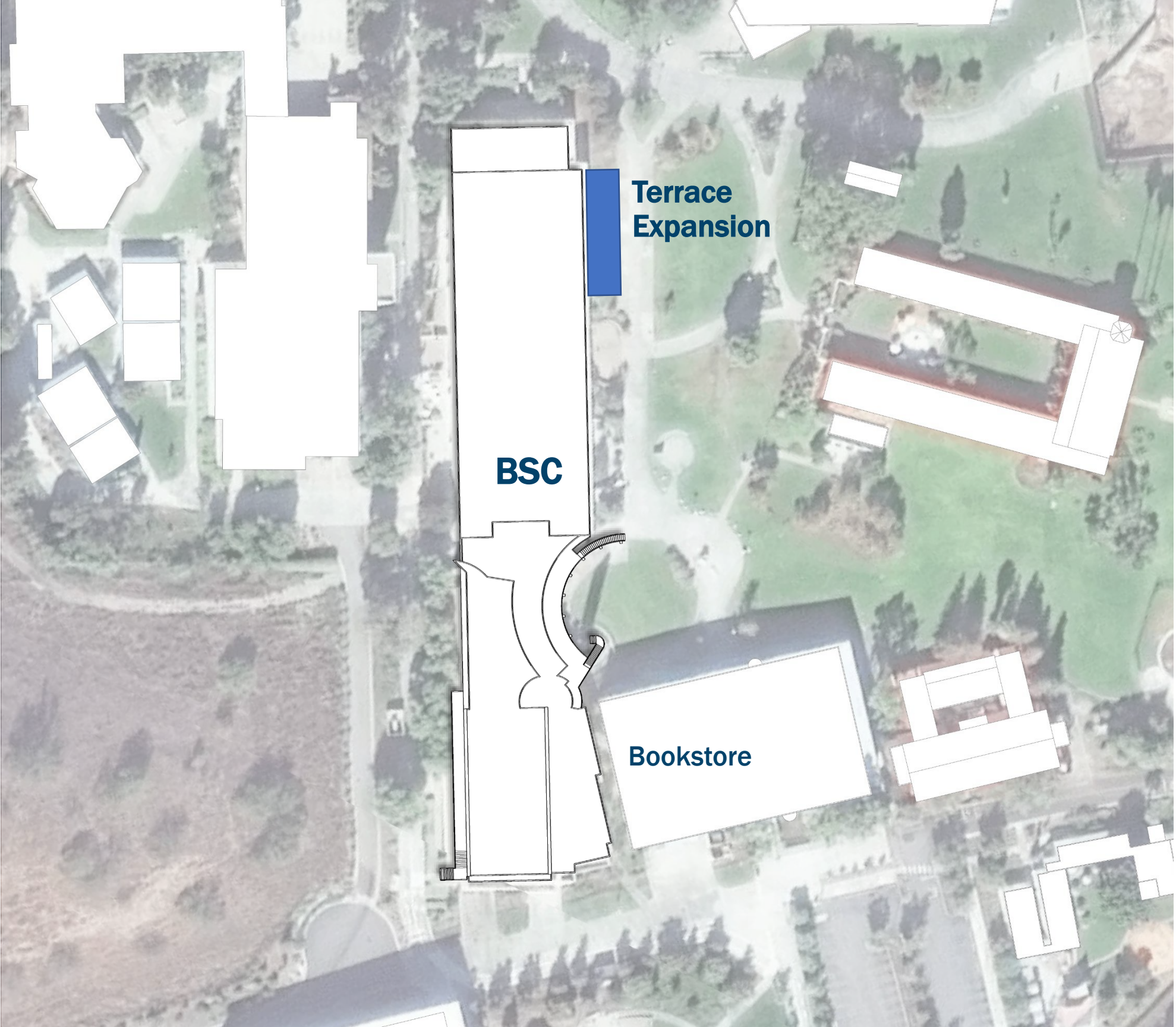
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## Terrace Addition

*Proposed as a Phase 1 (2020-2025) Campus Master Plan Project*



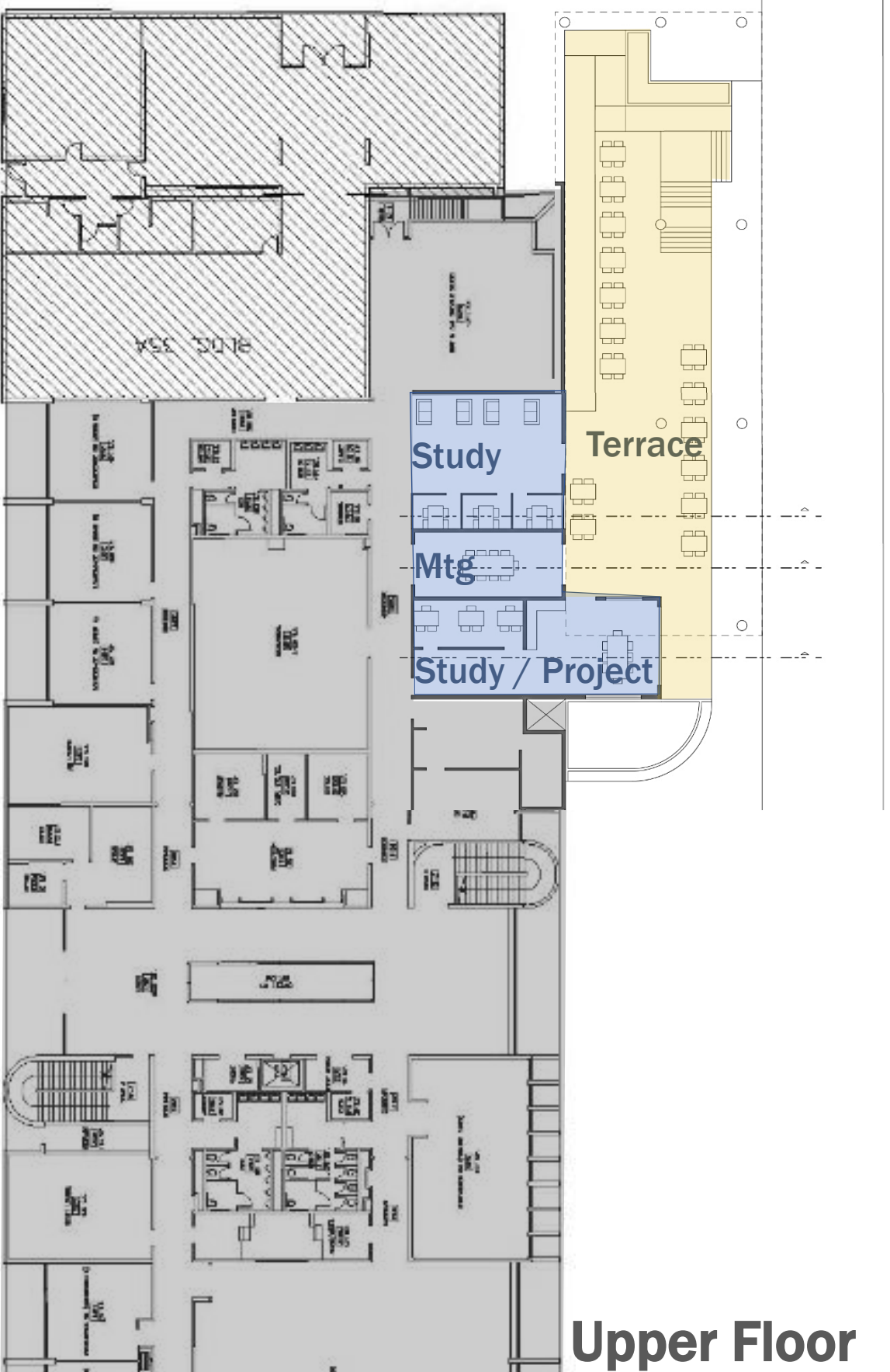
# BSC: PROPOSED TERRACE ADDITION



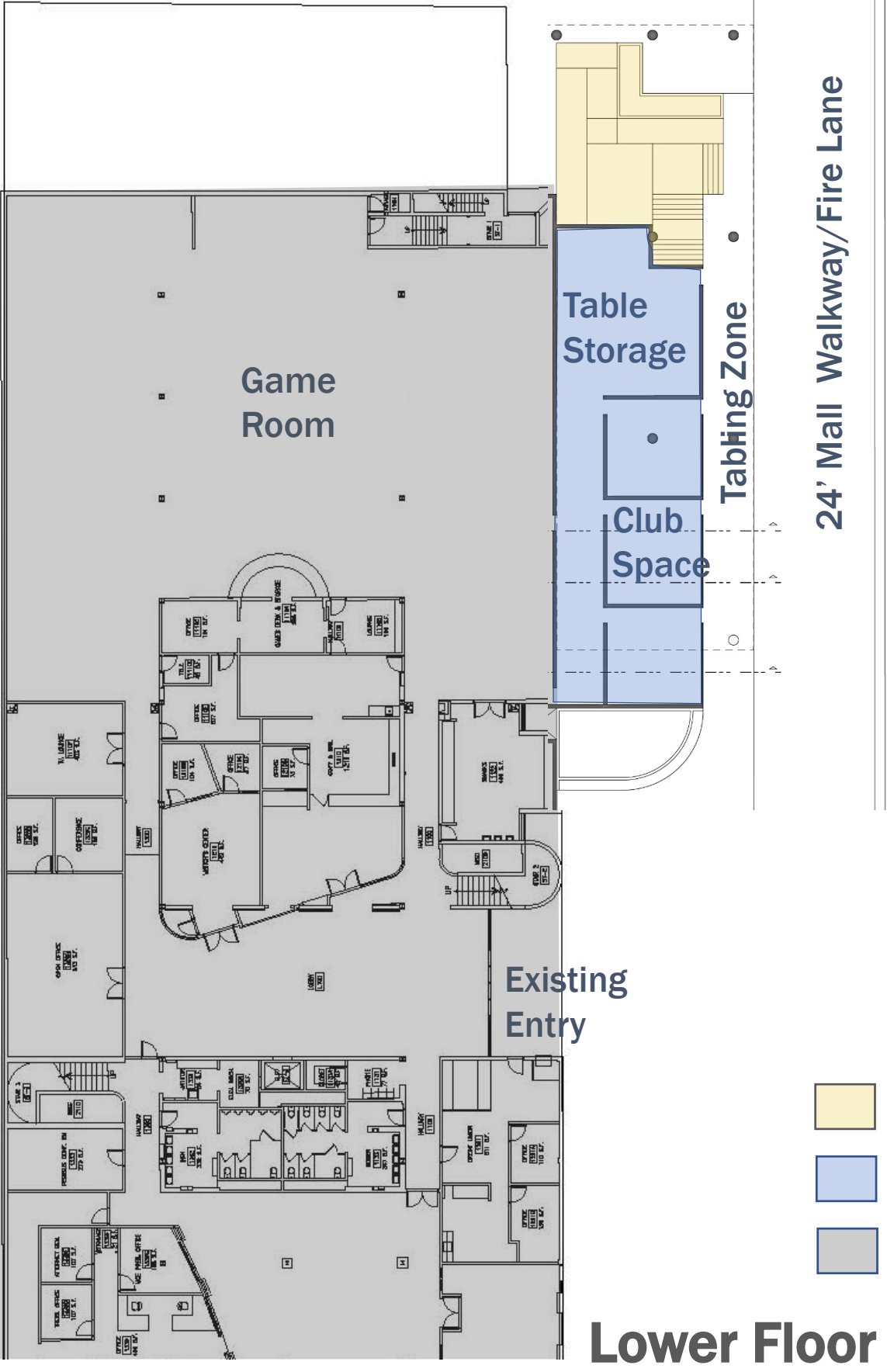


# BSC: PROPOSED TERRACE ADDITION




Priority Project



Upper Floor



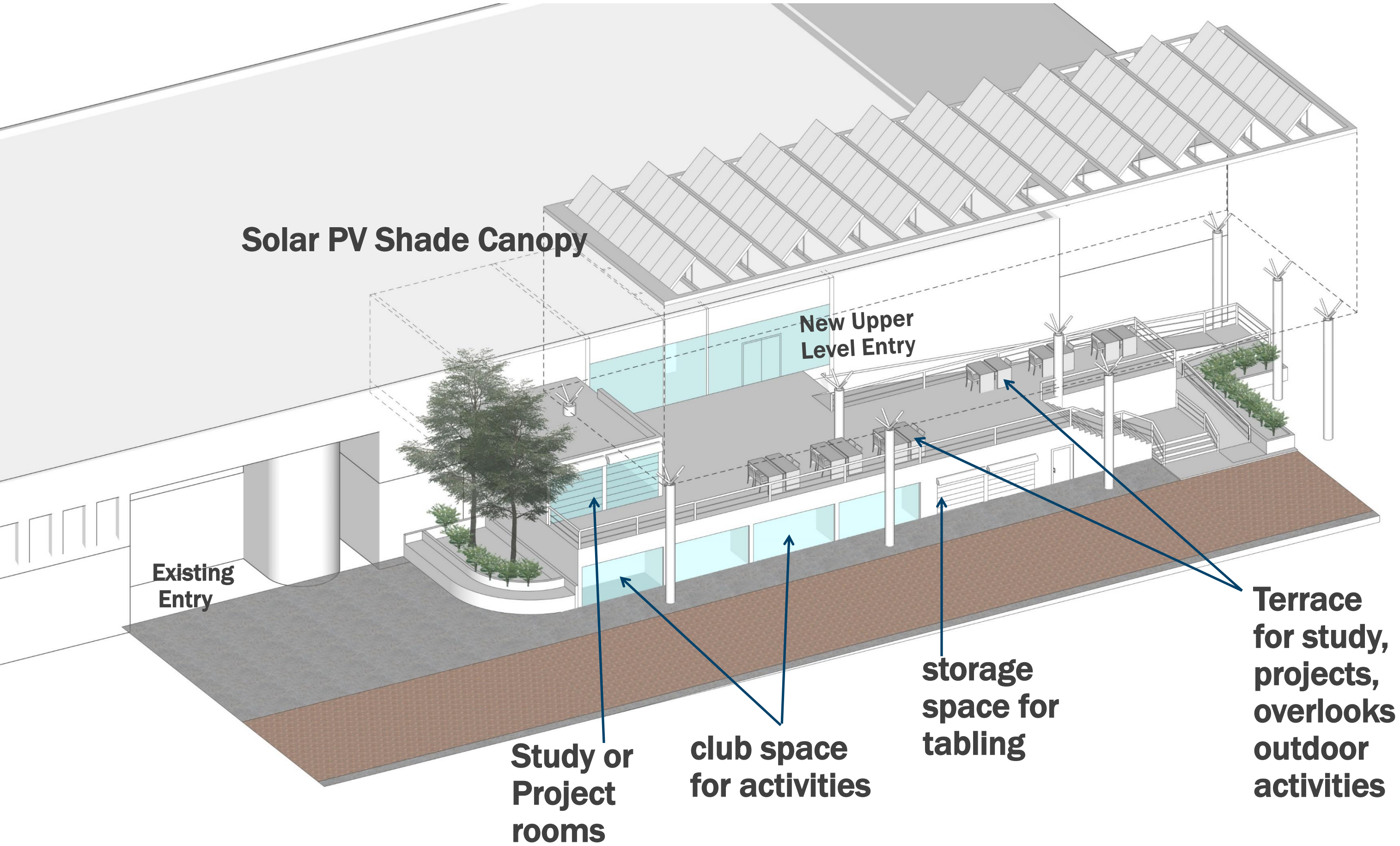
Lower Floor

-  Terrace
-  BSC New Space
-  BSC Existing Space



# BSC: PROPOSED TERRACE ADDITION

*Priority Project*

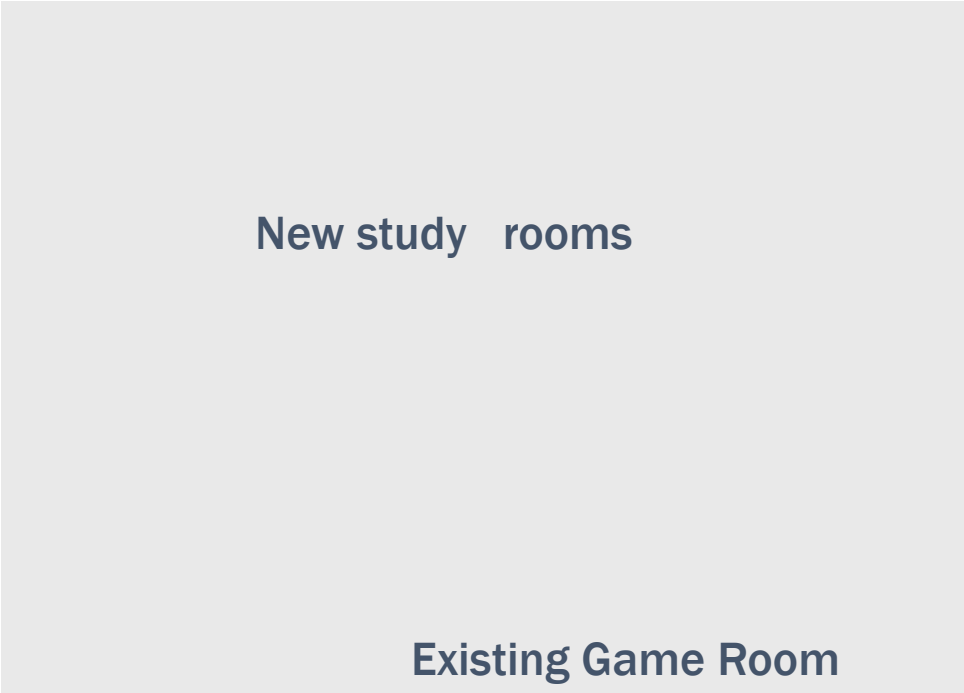




# BSC: PROPOSED TERRACE ADDITION

Priority Project

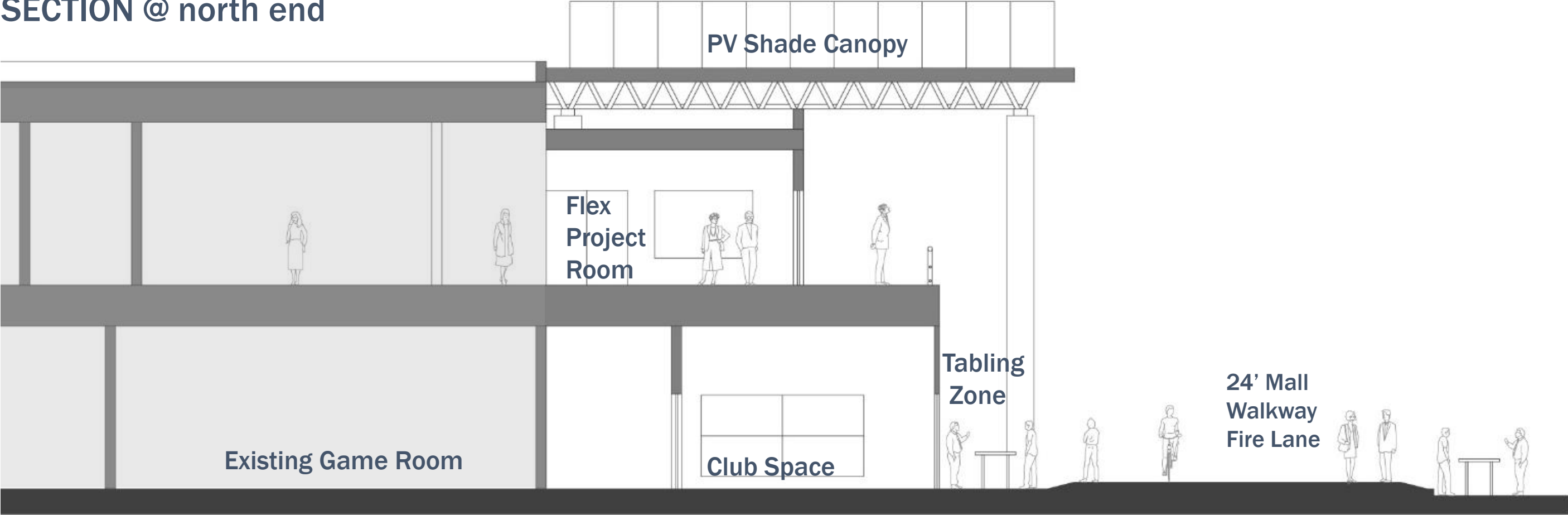
PV Shade Canopy



Terrace

Tabling Storage

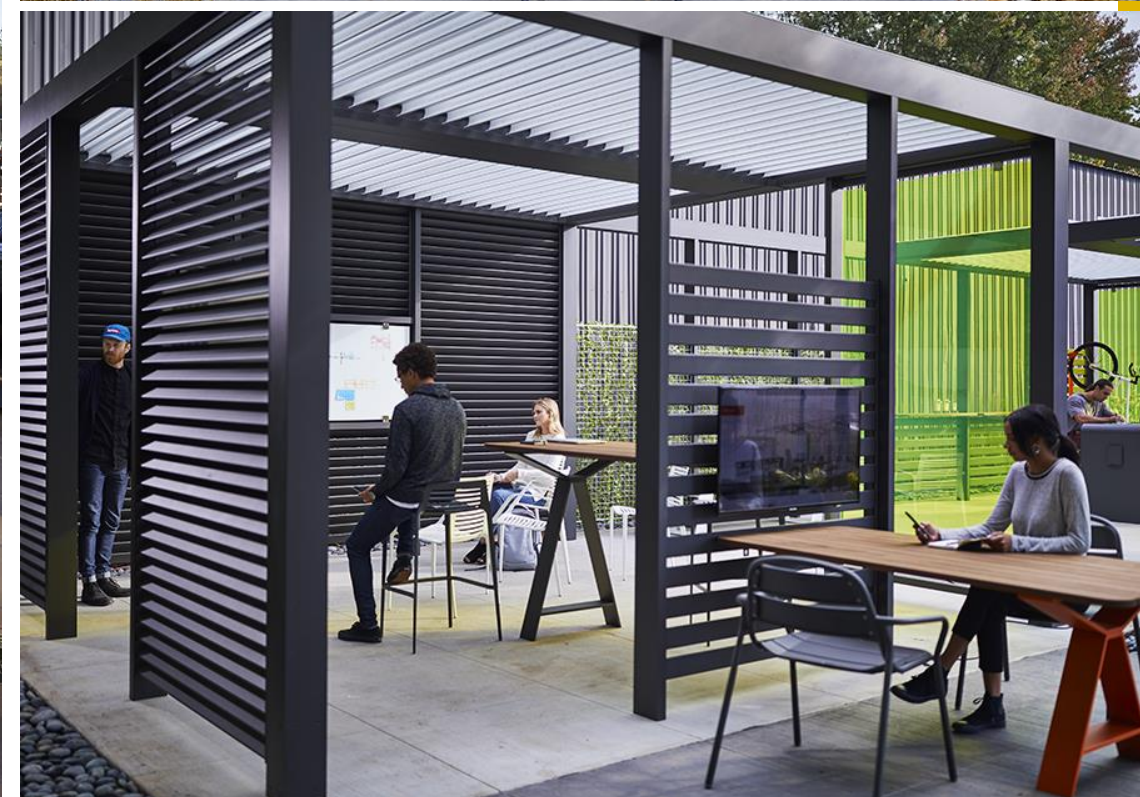
SECTION @ north end



SECTION @ south end



# PRECEDENTS:



**Solar-shaded terrace for student activities**

**Outdoor classrooms (*demountable*)**



# BSC Expansion Studies

Campus Master Plan

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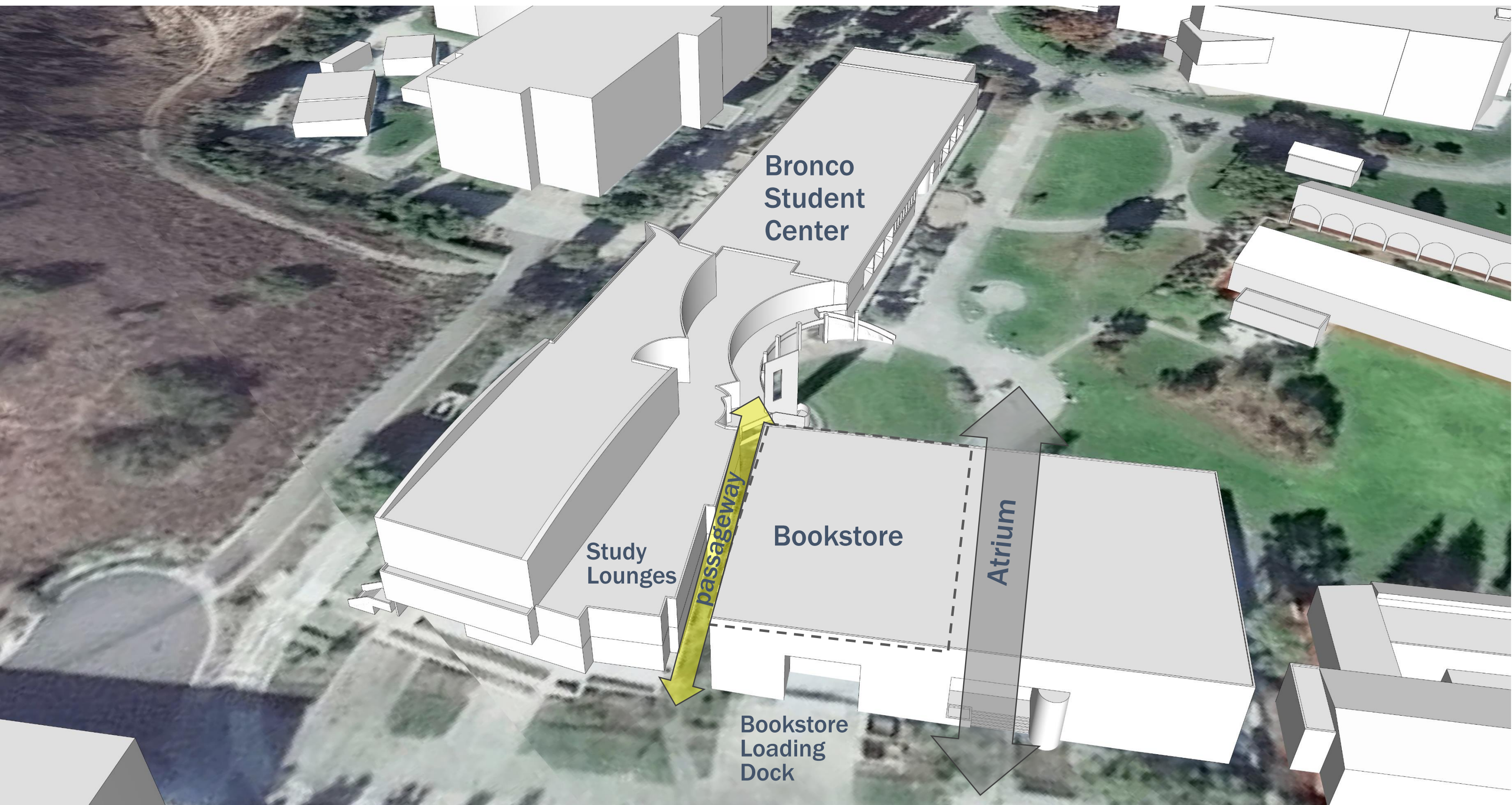
## Study Lounge Expansion

*Proposed as a Phase 2 (2025-2030) Campus Master Plan Project*



# BSC: PROPOSED STUDY LOUNGE EXPANSION

## *Existing Conditions*





# BSC: PROPOSED STUDY LOUNGE EXPANSION

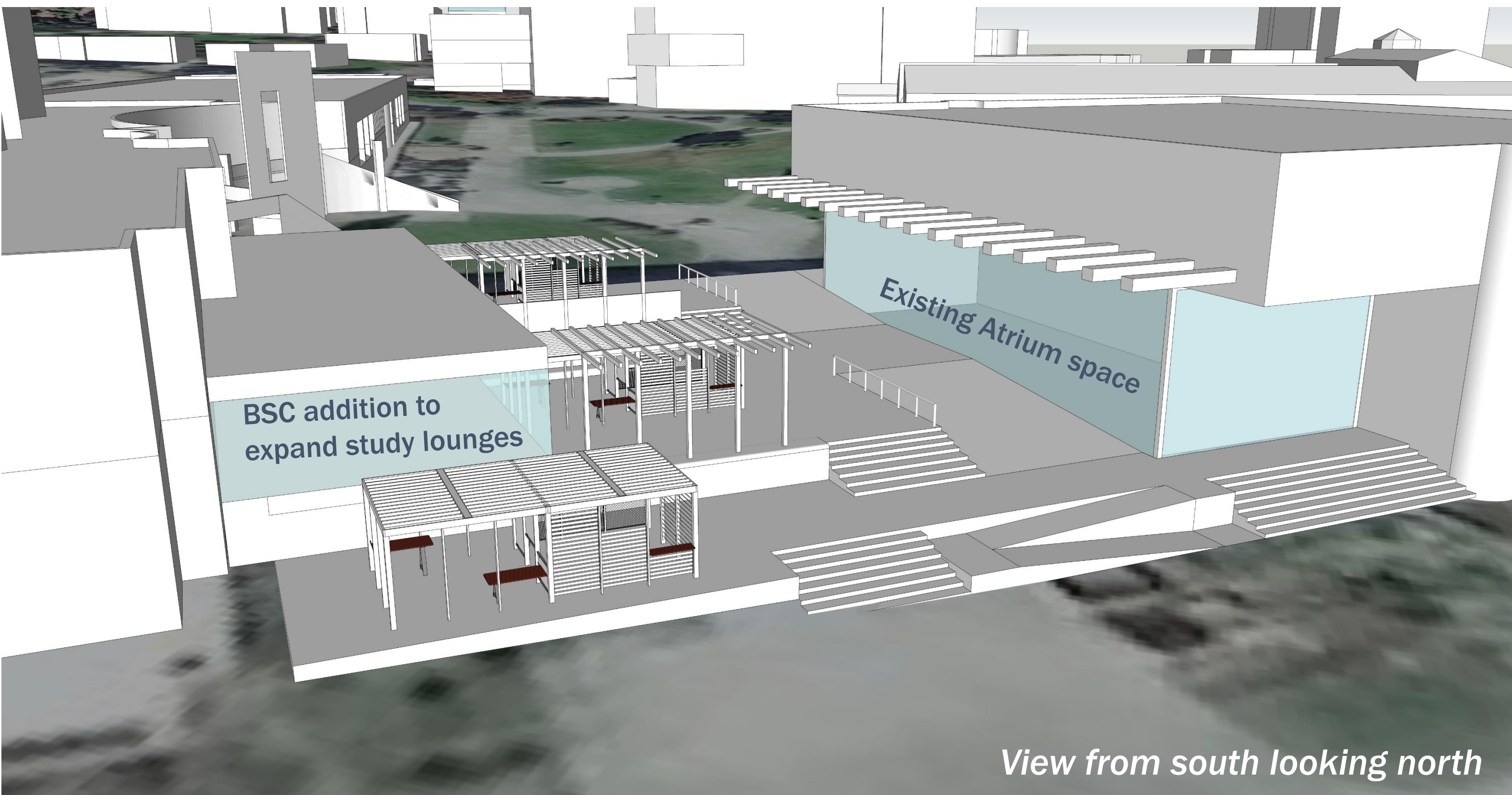
*Expand connections between BSC and the Commons  
Bookstore plans to move to Mobility Hub with satellite locations*





# BSC: PROPOSED STUDY LOUNGE EXPANSION

*Expands indoor & outdoor study-seating space & widens north-south connecting path*

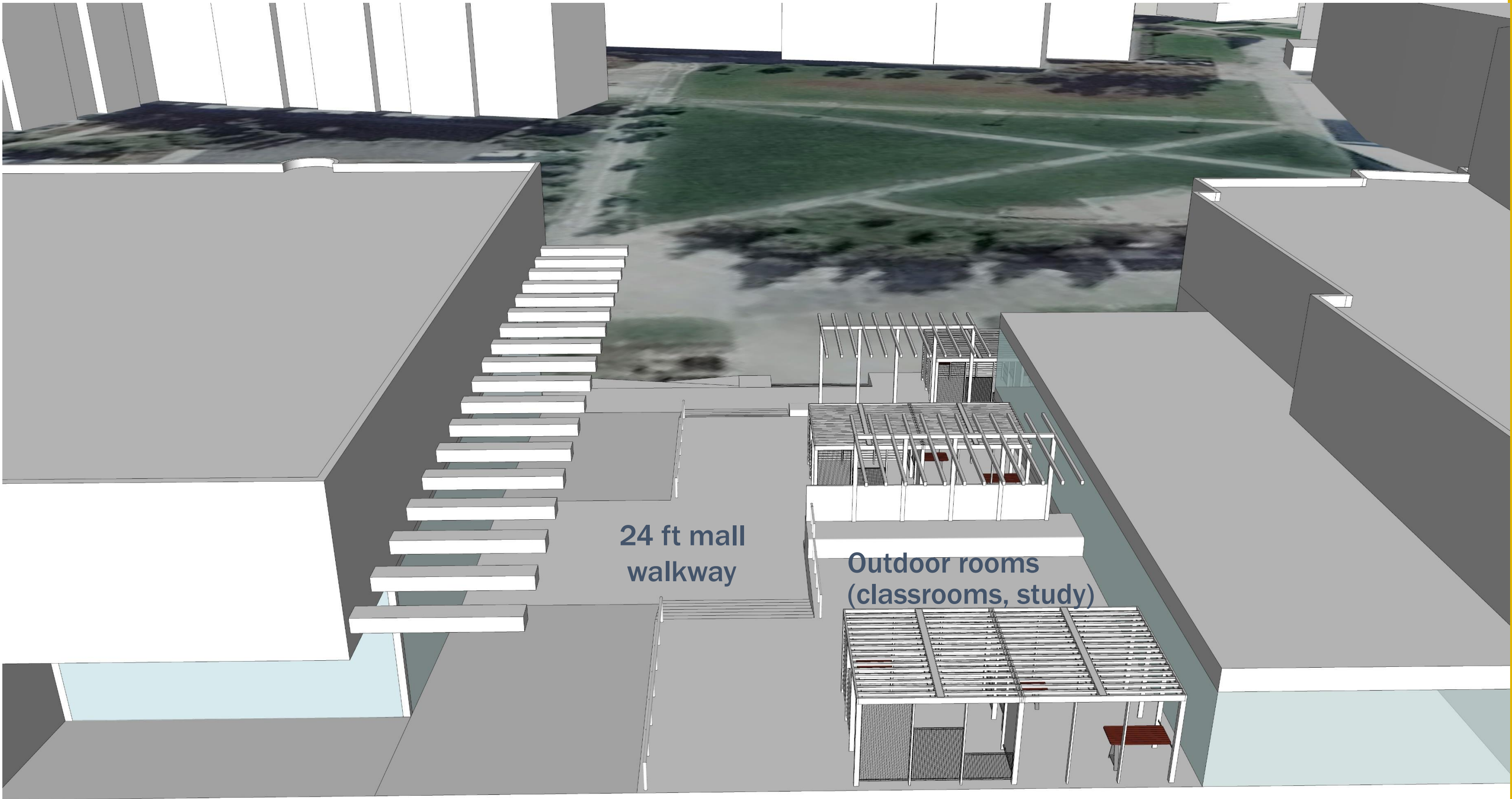


*View from south looking north*



# BSC: PROPOSED STUDY LOUNGE EXPANSION

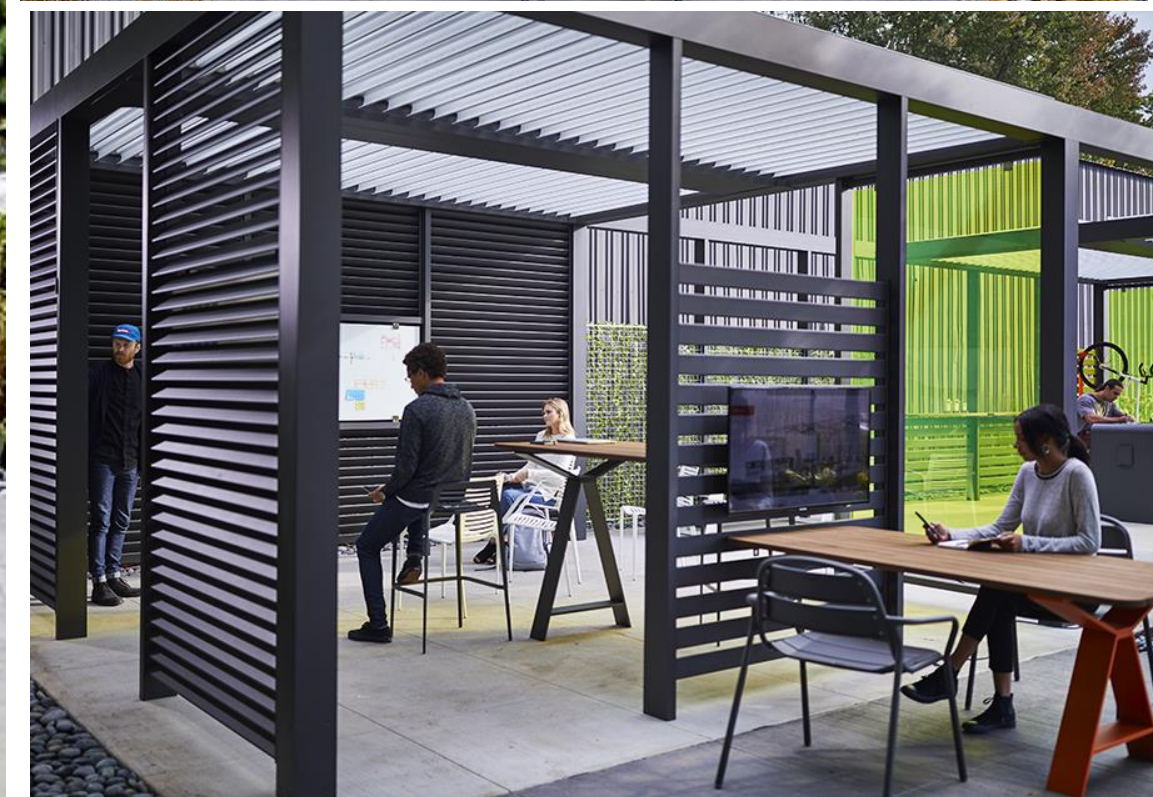
*Expands indoor & outdoor study-seating space & widens north-south connecting path*



*View from north looking south*



# PRECEDENTS:



**Outdoor classrooms (demountable)**



# BSC Expansion Studies

Campus Master Plan

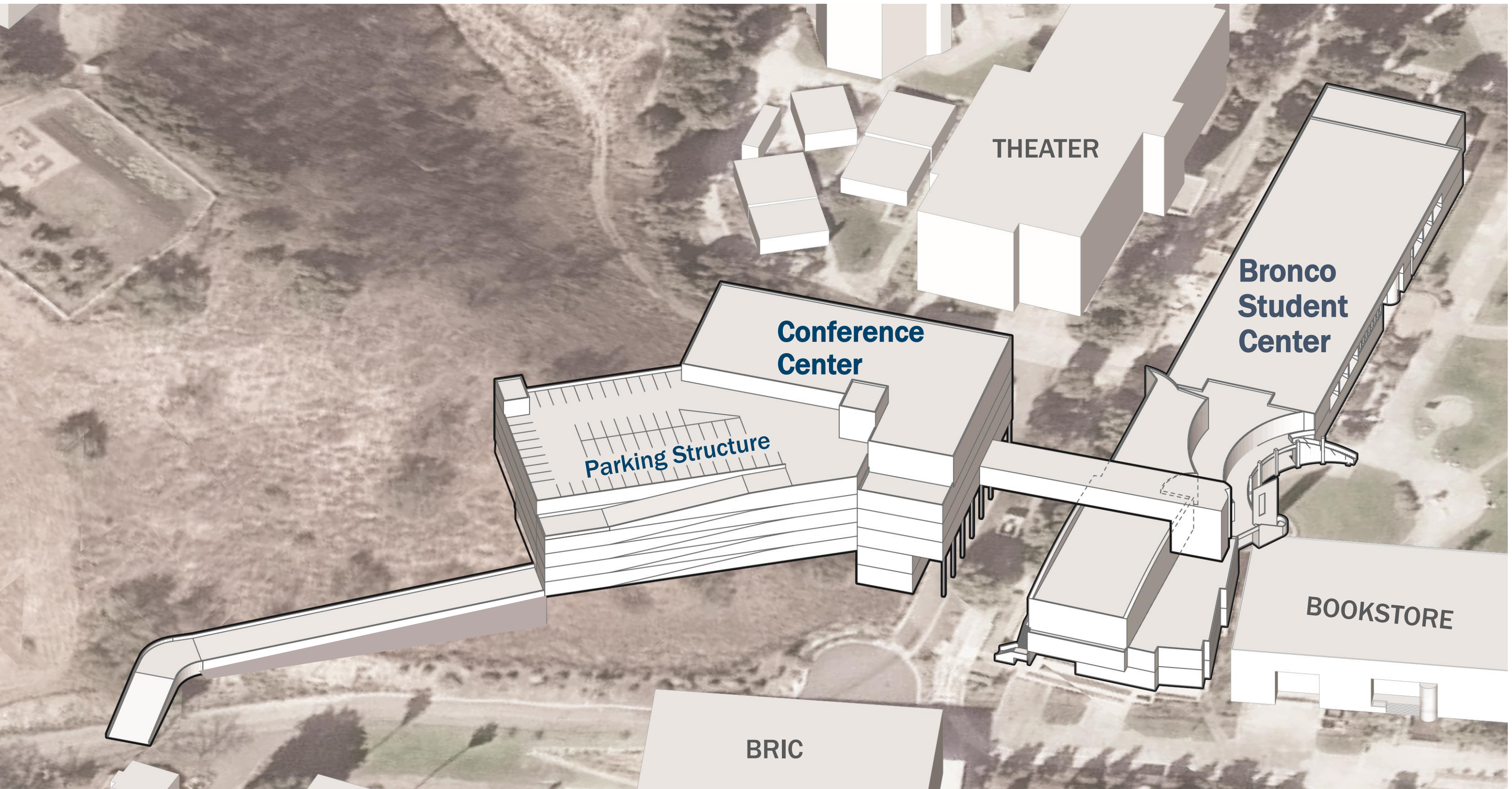
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**Parking Garage + Additional Building *(BSC addition)***

*Proposed as a Phase 3 (2030+) Campus Master Plan Project*

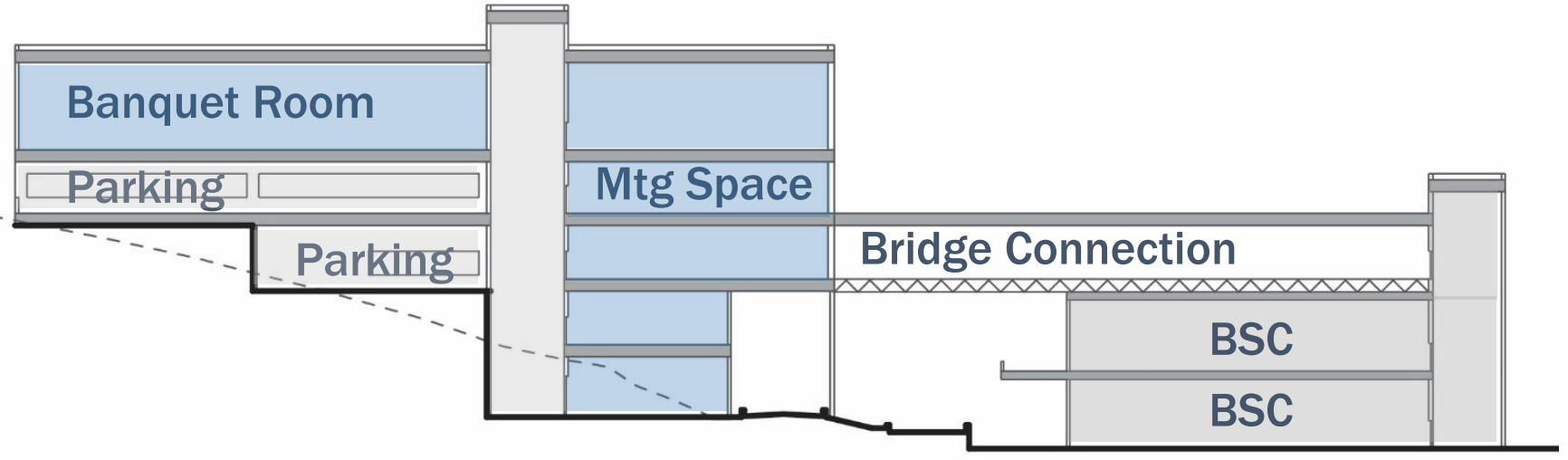
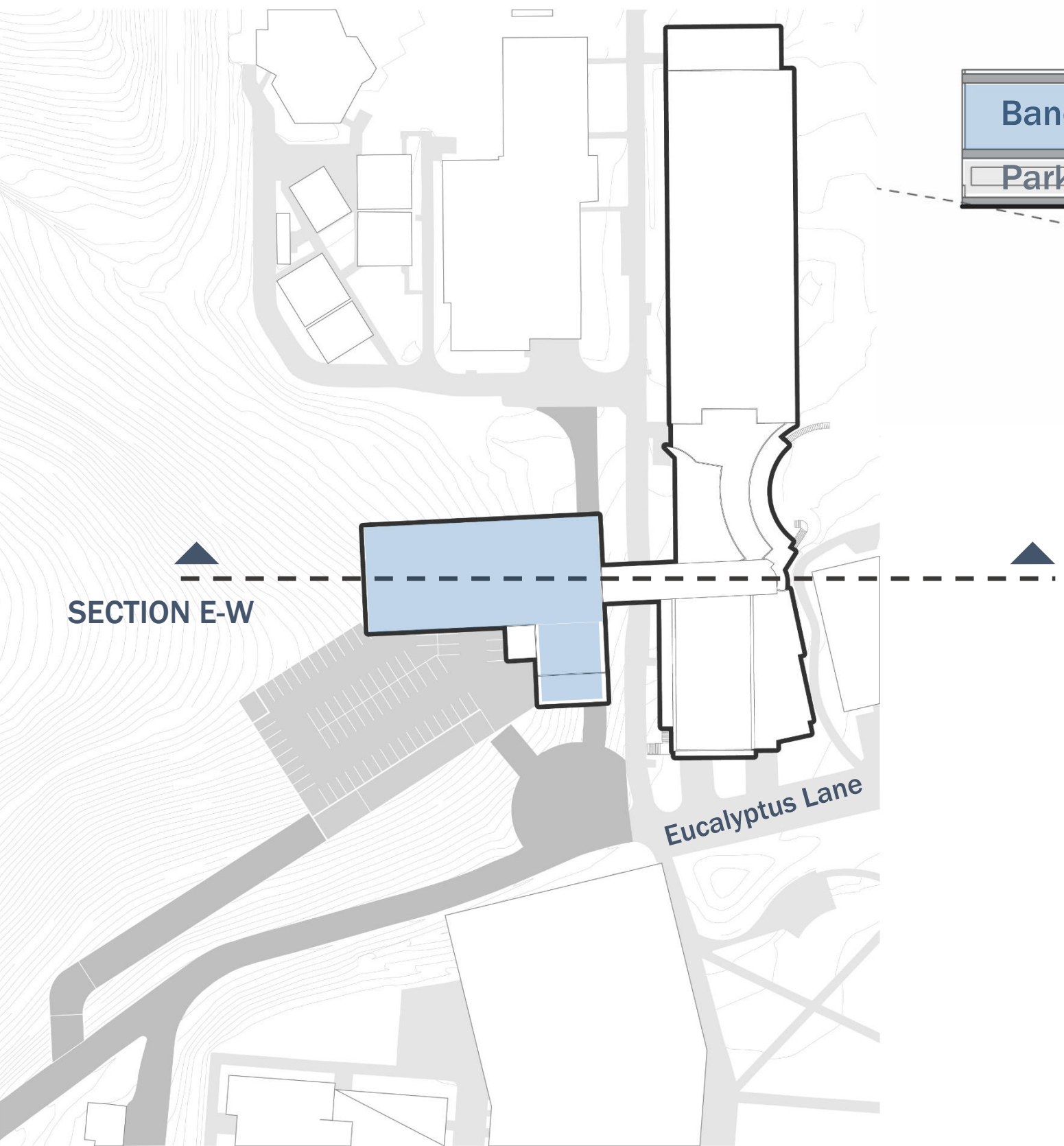


# BSC FUTURE CONFERENCE EXPANSION + PARKING





# BSC FUTURE EXPANSION + PARKING CONCEPT



SECTION E-W

**BSC Expansion Project:**  
Conference Area - est 40 - 60,000 GSF  
BSC Parking Spaces - est 500  
Project Cost Range \$40-55 M