

California State Polytechnic University, Pomona Master Plan Update

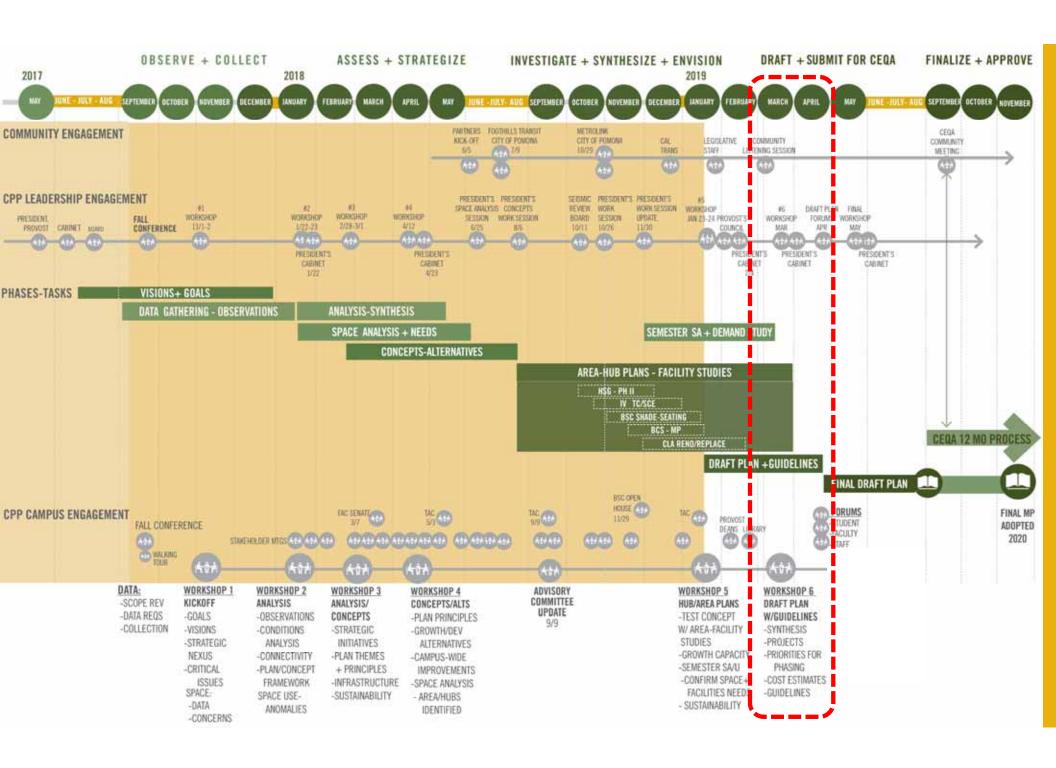
MP Advisory Committee Update





- 1) Master planning schedule
- 2) Area-Hub Studies In-Progress (towards a preliminary draft plan)
 - a. specific area + facility studies towards CIP
 - b. campus wide improvement concepts
- 3) Space Utilization Analysis
- 4) Next Steps





Master Plan - Facility | Area Studies | Facility | Needs + CIP Priorities |

Five Themes

emerged from stakeholder engagement + CPP Strategic Academic plans Student Experience Above All

All decisions put student experience at the forefront, from physical facilities and accessibility (including the online environment) to Cal Poly Pomona programs and policies.

Polytechnic Approach

The campus is a laboratory which supports teaching and learning by doing, inside and outside of the traditional educational settings.

- Connectivity is Key

 Connectivity is key to orientation/wayfinding and ease of circulation for a safe, inclusive and universally accessible campus.
- Pedestrian Campus in a Commuter Reality

 Campus has to be safe, accessible and convenient (by multiple modes of transportation), and walkable bikeable for all students, faculty, staff and visitors.
- Sustainable in All Aspects

 Decisions must be sustainable environmentally, economically, socially and

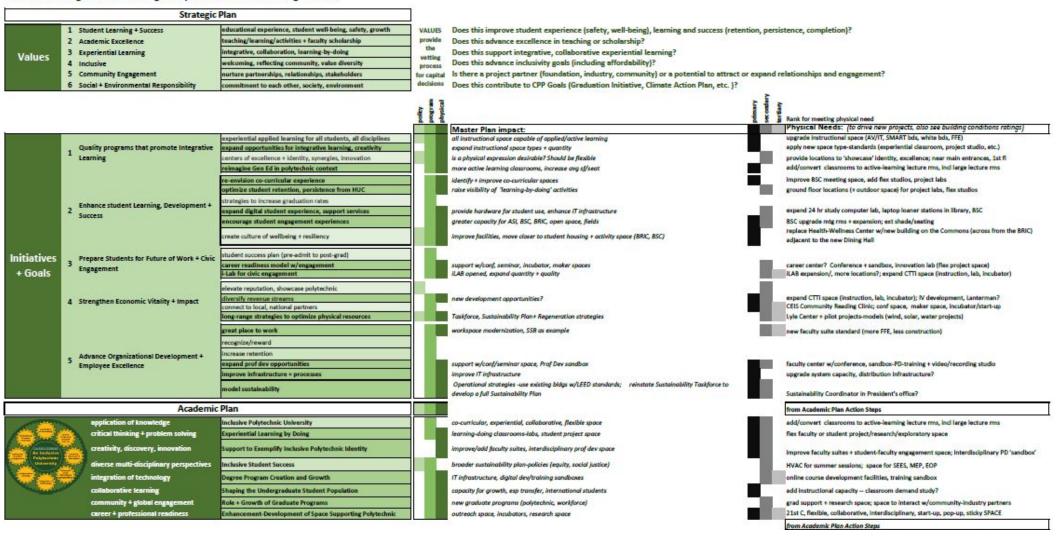
consistent with Cal Poly's values, commitments, goals.

CAPITAL IMPROVEMENT PROJECTS

Decision-making Matrix

Cal Poly Pomona Master Plan

Matrix for Strategic Decision-Making on Capital Investment & Funding Priorities



Cal Poly Pomona Master Plan

Matrix for Strategic Decision-Making on Capital Investment & Funding Priorities

Strategic Plan					
	1 Student Learning + Success	educational experience, student well-being, safety, growth			
	2 Academic Excellence	teaching/learning/activities + faculty scholarship			
10040400000	3 Experiential Learning	integrative, collaboration, learning-by-doing welcoming, reflecting community, value diversity nurture partnerships, relationships, stakeholders commitment to each other, society, environment			
Values	4 Inclusive				
	5 Community Engagement				
	6 Social + Environmental Responsibility				
		experiential applied learning for all students, all disciplines			
	Quality programs that promote Integrative	expand opportunities for integrative learning, creativity			
	1 Learning	centers of excellence + identity, synergies, innovation			
		reimagine Gen Ed in polytechnic context			
		re-envision co-curricular experience			
		optimize student retention, persistence from HUC			
		strategies to increase graduation rates			
	2 Enhance student Learning, Development +	expand digital student experience, support services			
	Success	encourage student engagement experiences			
		create culture of wellbeing + resiliency			
Initiatives	_ Prepare Students for Future of Work + Civic	student success plan (pre-admit to post-grad)			
THE PERSON NAMED IN	3 Engagement	career readiness model w/engagement			
+ Goals	engagement	i-Lab for civic engagement			
	3	elevate reputation, showcase polytechnic			
	4 Strengthen Economic Vitality + Impact	diversify revenue streams			
	4 Suchguen economic ricenty : impact	connect to local, national partners			
		long-range strategies to optimize physical resources			
		great place to work			
		recognize/reward			
	5 Advance Organizational Development + Employee Excellence	increase retention			
		expand prof dev opportunities			
		improve infrastructure + processes			
		model sustainability			

Projects grow out of the campus needs, guided by Strategic Plan, Academic Plan & Master Plan Strategic Plan 2017-21

Values Questions

All major projects are vetted by how they address these

questions.

1 Student Learning + Success

Does this project improve student experience (safety, well-being), learning and success (retention, persistence, completion)?

Academic Excellence

Does this project advance excellence in teaching or scholarship?

- **2** Experiential Learning
 - Does this project support integrative, collaborative experiential learning?
- / Inclusive

Does this project advance inclusivity goals (including affordability)?

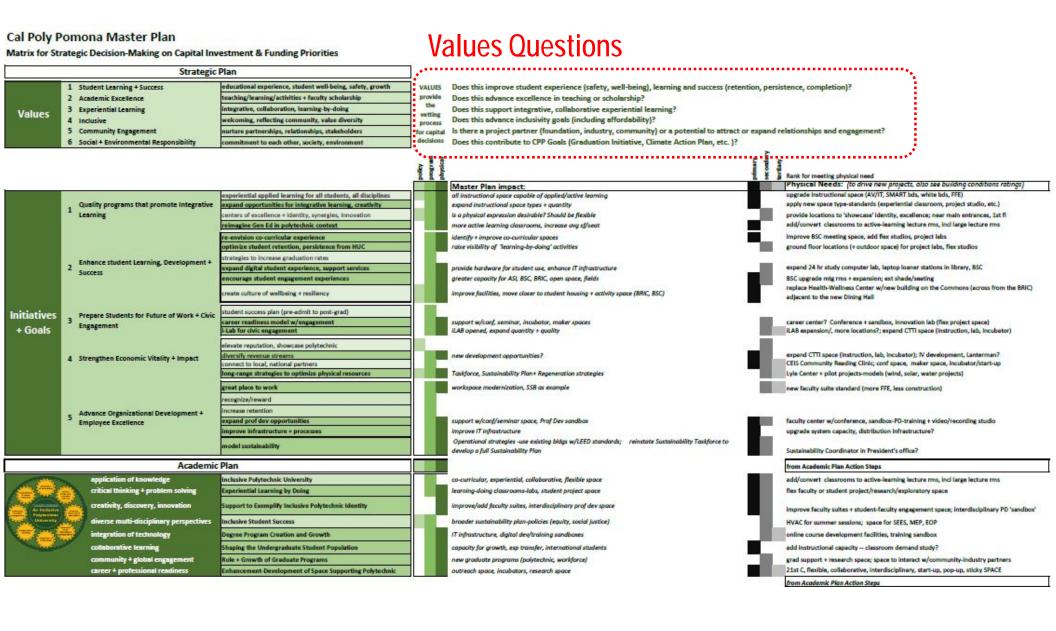
5 Community Engagement

Does this project have a project partner (foundation, industry, community) or a potential to attract or expand relationships and engagement?

Social & Environmental Responsibility
Does this project contribute to our goals (Graduation Initiative, Climate Action Plan, etc.)?

CAPITAL IMPROVEMENT PROJECTS

Decision-making Matrix



CAPITAL IMPROVEMENT PROJECTS

Decision-making Matrix

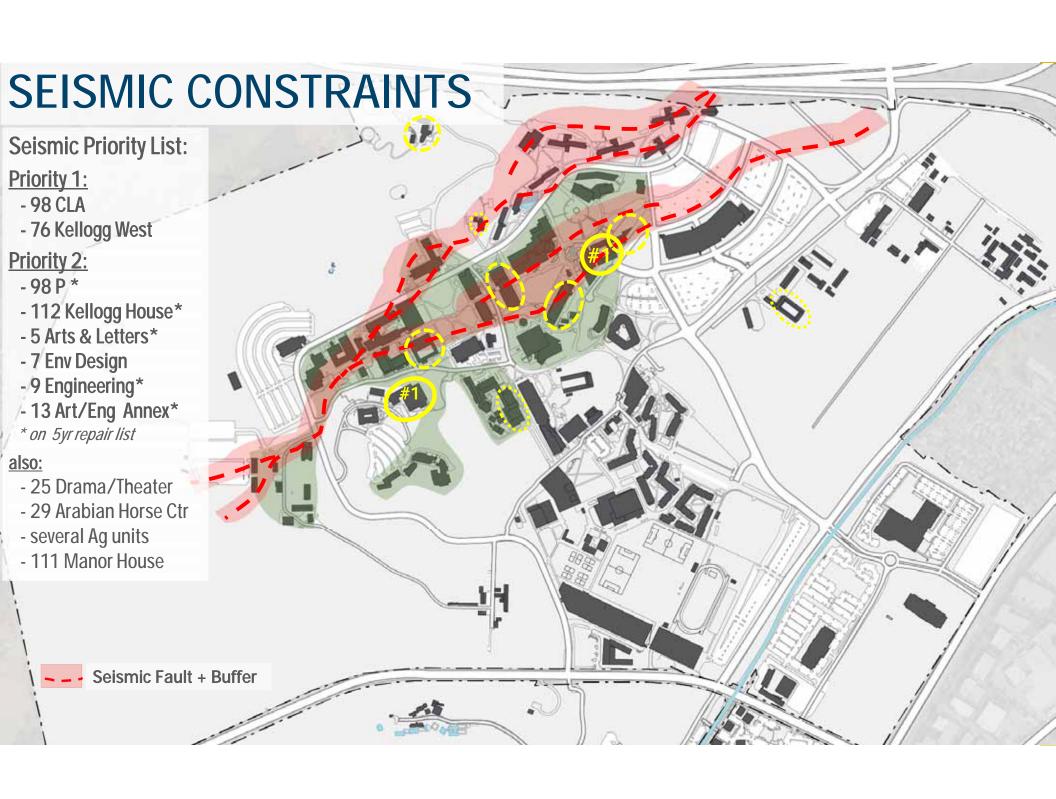
Initiative + Goals: master plan impact Policy? Programs? Physical? Cal Poly Pomona Master Plan Physical needs + implementation steps Matrix for Strategic Decision-Making on Capital Investment & Funding Priorities Strategic Plan educational experience, student well-being, safety, growth 1 Student Learning + Success VALUES oes this improve student experience (safety, well-being), learning and success (retention, persistence, completion)? provide 2 Academic Excellence eaching/learning/activities + faculty scholarship Does this advance excellence in teaching or scholarship? 10un tegrative, collaboration, learning-by-doing Does this support integrative, collaborative experiential learning? 3 Experiential Learning Values vetting Does this advance inclusivity goals (including affordability)? 4 Inclusive process Is there a project partner (foundation, industry, community) or a potential to attract or expand relationships and engagement? 5 Community Engagement rture partnerships, relationships, stakeholders for capita decision Does this contribute to CPP Goals (Graduation Initiative, Climate Action Plan, etc.)? 6 Social + Environmental Respons mitment to each other, society, environment Sank for meeting physical near Physical Needs: (to drive new projects, also see building conditions ratings Master Plan impact: upgrade instructional space (AV/IT, SMART bds, white bds, FFE) periential applied learning for all students, all discipl all instructional space capable of applied/active learnin expand opportunities for integrative learning, creativity expand instructional space types + quantity apply new space type-standards (experiential classroom, project studio, etc.) is a physical expression desirable? Should be flexible provide locations to 'showcase' identity, excellence; near main entrances, 1st fl reimagine Gen Ed in polytechnic context more active learning classrooms, increase avg sf/seat add/convert classrooms to active-learning lecture mrs. incl large lecture mrs. improve BSC meeting space, add flex studios, project labs identify + improve co-curricular spaces ground floor locations (+ outdoor space) for project labs, flex studios raise visibility of "learning-by-doing" activities Enhance student Learning, Development + expand 24 hr study computer lab, laptop loaner stations in library, BSC provide hardware for student use, enhance IT infrastructure spand digital student experience, support service ourage student engagement experiences greater capacity for ASI, BSC, BRIC, open space, fields BSC upgrade mtg rms + expansion; ext shade/seating replace Health-Wellness Center w/new building on the Commons (across from the BRIC) rate culture of wellbeing + resiliency improve facilities, move closer to student housing + activity space (BRIC, BSC) adjacent to the new Dining Hall student success plan (pre-admit to post-grad) Prepare Students for Future of Work + Civic career readiness model w/engagement upport w/conf, seminar, incubator, maker spaces career center? Conference + sandbox, innovation lab (flex project space) + Goals iLAB expansion/, more locations?; expand CTTi space (instruction, lab, incubator) i-Lab for civic engagement ILAB opened, expand quantity + quality expand CTTI space (instruction, lab, incubator); N development, Lanterman? new development apportunities? 4 Strengthen Economic Vitality + Impact CEIS Community Reading Clinic: conf space, maker space, incubator/start-up ennect to local, national partner Taskforce, Sustainability Plan+ Regeneration strategies Lyle Center + pilot projects-models (wind, solar, water projects) long-range strategies to optimize physical resource workspace modernization, SSB as example new faculty suite standard (more FFE, less construction) Advance Organizational Development + expand prof dev opportunities support w/conf/seminar space, Prof Dev sandbax faculty center w/conference, sandbox-PD-training + video/recording studio Employee Excellence upgrade system capacity, distribution infrastructure? prove infrastructure + process improve IT infrastructure Operational strategies -use existing bidgs w/LEED standards; reinstate Sustainability Taskforce t develop a full Sustainability Plan Sustainability Coordinator in President's office? Academic Plan from Academic Plan Action Steps clusive Polytechnic University co-curricular, experiential, collaborative, flexible space add/convert classrooms to active-learning lecture rms, incl large lecture rms learning-doing classrooms-labs, student project space flex faculty or student project/research/exploratory space critical thinking + problem solving speriential Learning by Doing stivity, discovery, innovation pport to Exemplify Inclusive Polytechnic Identity improve/add faculty suites, interdisciplinary prof dev space Improve faculty suites + student-faculty engagement space; interdisciplinary PD 'sandbox' nclusive Student Success broader sustainability plan-policies (equity, social justice) HVAC for summer sessions; space for SEES, MEP, EOP egree Program Creation and Growth IT infrastructure, dialtal dev/training sandboxes online course development facilities, training sandbox Shaping the Undergraduate Student Population capacity for growth, esp transfer, international students edd instructional capacity -- classroom demand study? Role + Growth of Graduate Programs new graduate programs (polytechnic, workforce) grad support a research space; space to interact w/community-industry partners 21st C. flexible, collaborative, interdisciplinary, start-up, pop-up, sticky SPACE hancement-Development of Space Supporting Polytechnic outreach space, incubators, research space

Implementation Decision Questions

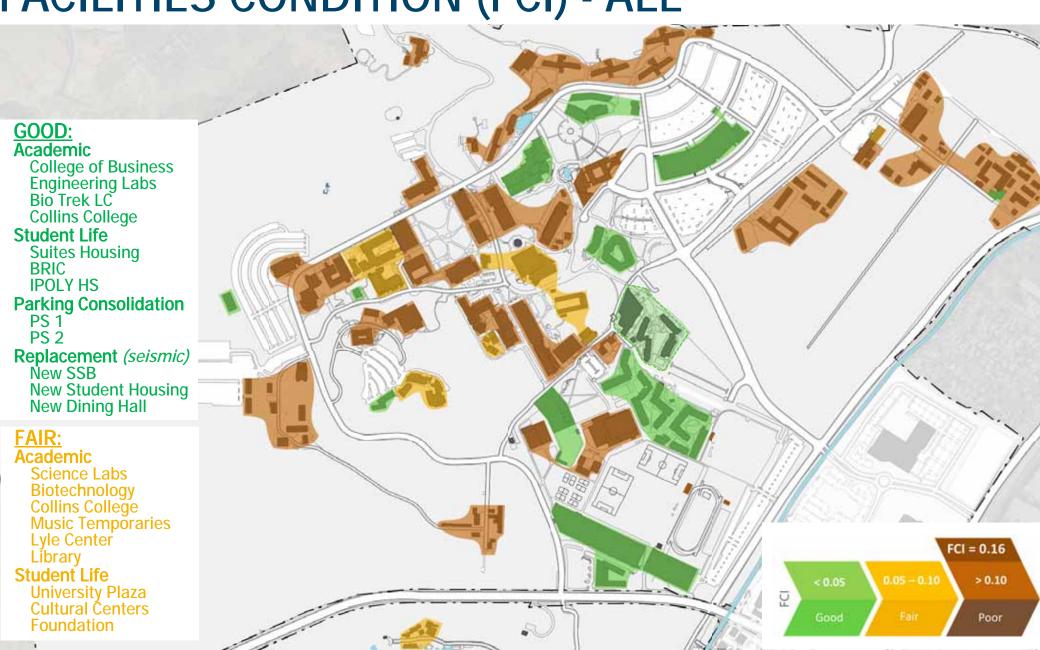
- Planning: master plan addresses current needs + future needs and provides a plan for implementation
- Facility conditions: existing space resources have to be maintained/upgraded periodically to remain functional
- Infrastructure:
 - services, utilities and distributing systems have to have capacity or be expanded to support new space
 - campus systems (roads, walkways, transportation, etc.) have to be maintained or expanded as needed
- Sustainability: most sustainable building is the one you don't build, evaluate re-purposing feasibility
- Existing buildings-sites: is an existing use displaced? Is there a new location, surge space, or temp facilities?
- Temporary space cost vs Permanent space: new building may be more cost effective
- Sequence: what has to be done before starting construction Phasing Major projects take 4-5 years
- Construction logistics: plan access for materials, equipment, workers; staging area, security and safety
- Migration Planning: after moving-in the vacated space may need renovation before back-filling
- Project Type: non-State or self-funding projects have different funding options, delivery options (P3, D/B); and timing may relate to market demand or projected revenues;
- Funding Sources: multiple funding sources increase likelihood of getting it done

Master Plan - Facility | Area Studies

Facilities Conditions + Needs Assessments



FACILITIES CONDITION (FCI) - ALL



FACILITIES CONDITION (FCI) - POOR

Academic

Building 1
Science
Agriculture Classrms
Letters, Arts &SS
Environmental Design
University Office Bldg
Engineering
Art-Engineering Annex
CLA-P
Music
Drama/Theater
English Language Inst
Gyms – May, Kellogg
AG + Animal Facilities*
FM + Support/Shops*
*multiple buildings

Student Life

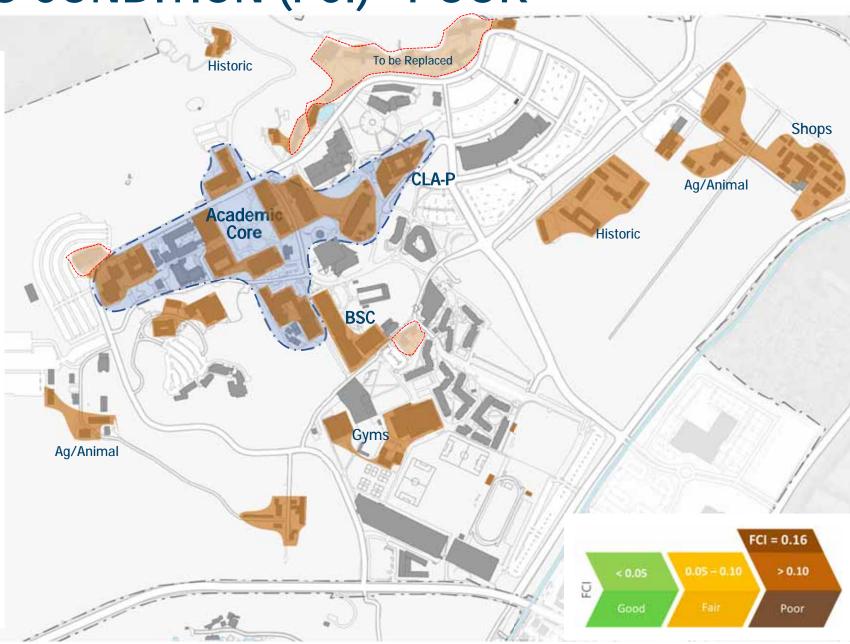
BSC + Bookstore Campus Center Health-Wellness Center Childcare Center Kellogg West

Historic

Manor House La Cienega Center Arabian Horse Center

To be Replaced

Res Hall (greys, reds) Los Olivos



FACILITIES CONDITION NEEDS INDEX





Ratio of 10-Year Needs (incl deferred renewal) to Current Replacement Value



FACILITIES CONDITION NEEDS INDEX

FCNI includes Renewal Needs by Priority











DEFERRED RENEWAL/MAINTENANCE

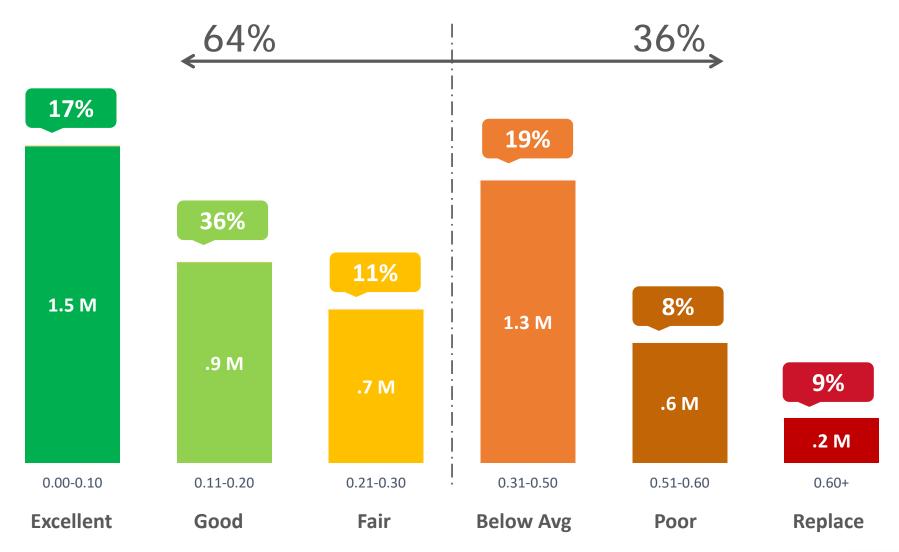
Priority Projects:

Pomona Campus Deferred Maintenance - Campus Funded Project List

December 13, 2018

Category	Description Concrete Sidewalks and walkways	Bldg Name Campus	Bldg No.	Budget Projection		Scope
SAFETY			18	\$	300,000	Replace/repair concrete sidewalks throughout campus - trip hazards uneven surfaces
	Roads	Campus		\$	300,000	Replace/repair various roads thoughout campus - pot holes, cracked ashalt
	Fire Prevention Maintenance	Campus	122	\$	50,000	Provide fire break clearance on campus
CONVEYANCES	Elevators	Univ Office Bldg	94	\$	250,000	Replace and/or repair elevators in bldg 94
	Elevators	Science	4	\$	800,000	Replace and/or repair elevators in bldg 4
ROOFS	Roofs	Science	3	\$	600,000	Replace/Repair roof
	Roofs	Engineering	9	\$	400,000	Replace/Repair roof
	Roofs	Univ Office Bldg	94	\$	400,000	Replace/Repair roof
	Roofs	Health Center	46	\$	400,000	Replace/Repair roof
EMERGENCY POWER	Generator	Music	24	\$	150,000	For egress only, replace the existing emergency generator
	Generator	Letters, Arts & Social Science	5	\$	150,000	For egress only, replace the existing emergency generator
	Generator	Science	8	\$	150,000	For egress only, replace the existing emergency generator
HVAC	Building Controls	Science	4	\$	175,000	Replace various building controls that are connected to the building automation system
	Pump Redundancy	All Bldgs		\$	250,000	Install redundant pumping systems connected to the Central Plant
MAINTENANCE	Bldg Entry/Exit Doors	Old Admin	1	\$	150,000	Replace aged building entry and exit doors
	Bldg Entry/Exit Doors	Engineering	9	\$	150,000	Replace aged building entry and exit doors
	Exterior Windows	Engineering	9	\$	400,000	Replace aged and weather worn exterior windows

FACILITIES CONDITION NEEDS INDEX



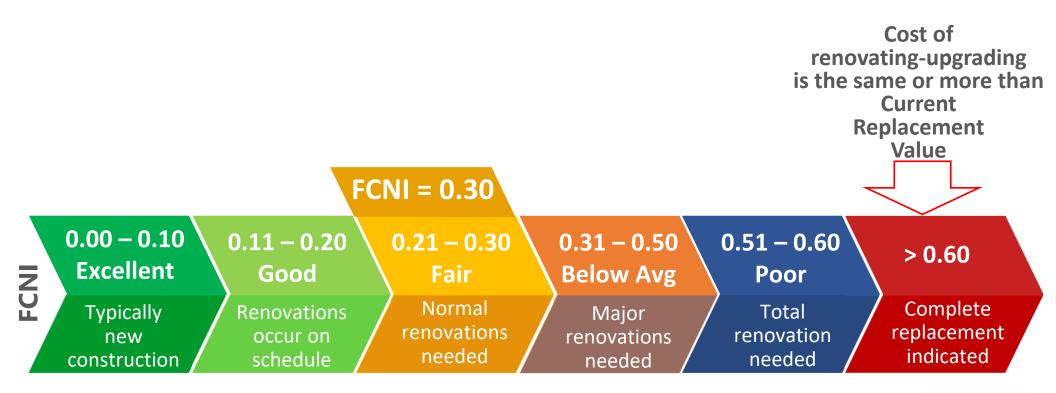
Building FCNI Ranges (based on Building SF)



FACILITIES CONDITION NEEDS INDEX

NOTE:

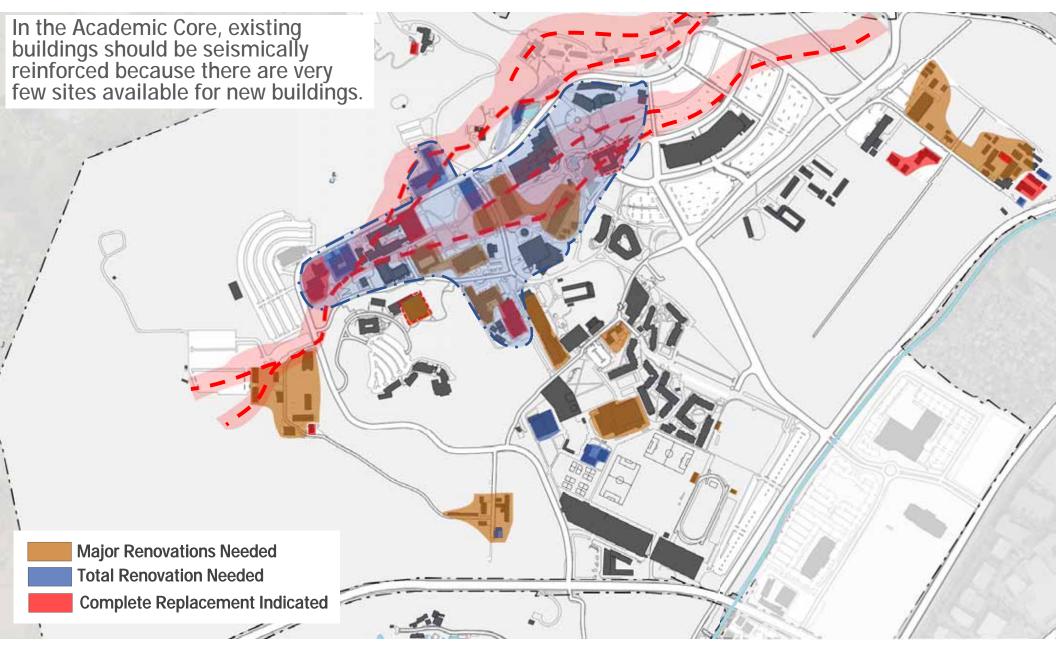
FCNI evaluation does not include any consideration of historic value or feasibility of replacement, such as available land/sites, infrastructure, or construction timeline and sequencing



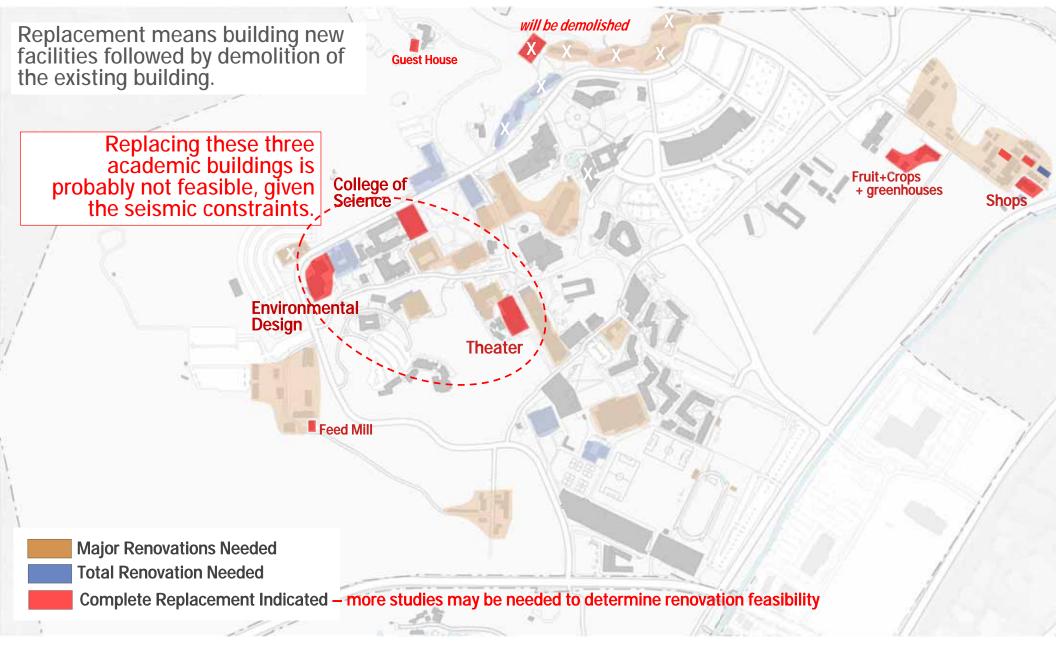
Ratio of 10-Year Needs (incl deferred renewal) to Current Replacement Value



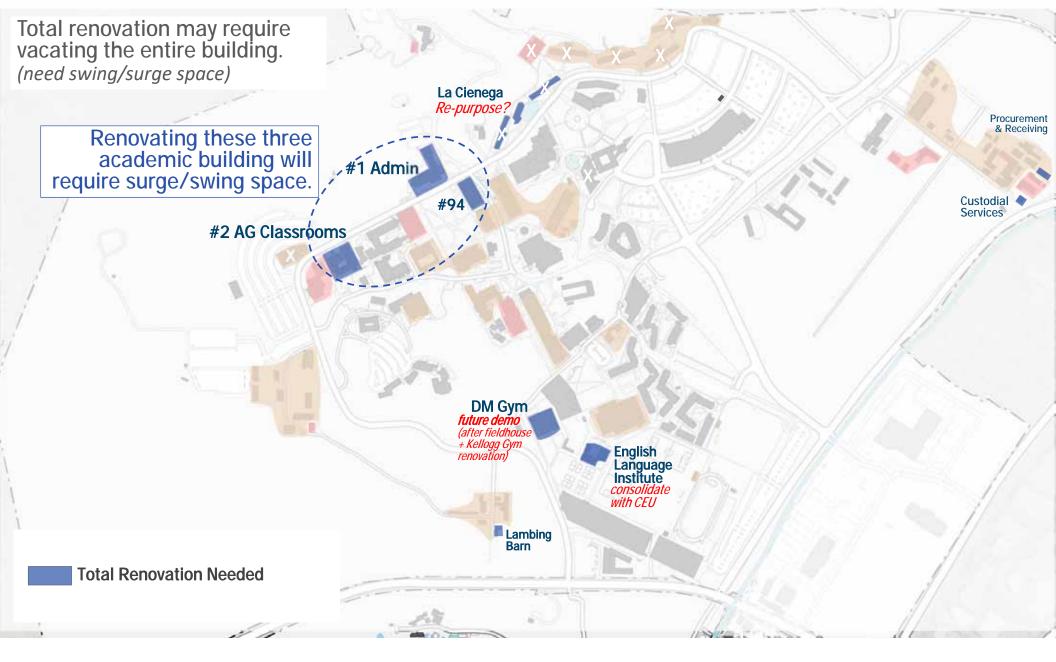
FCNI PRIORITIES + SEISMIC CONSTRAINTS



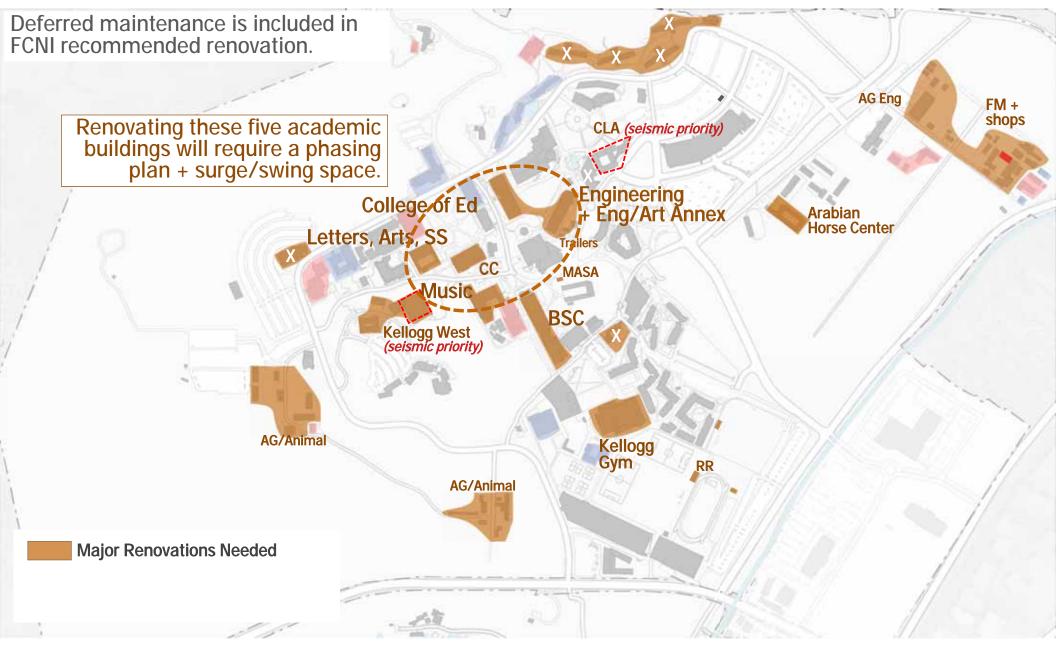
FCNI: INDICATES COMPLETE REPLACEMENT



FCNI POOR - TOTAL RENOVATION



FCNI BELOW AVERAGE - MAJOR RENOVATION



Master Plan - Facility | Area Studies | CIP Track: CLA Bldg 98 Seismic Priority #1

Plan to transform the most prominent building complex on campus, which also has the highest priority for seismic remediation (removal or reinforcing). The transformed facility is envisioned as academic student-centric space for project-based learning, shared by multiple programs and colleges and providing opportunities explore the future of work with businesses and industries.

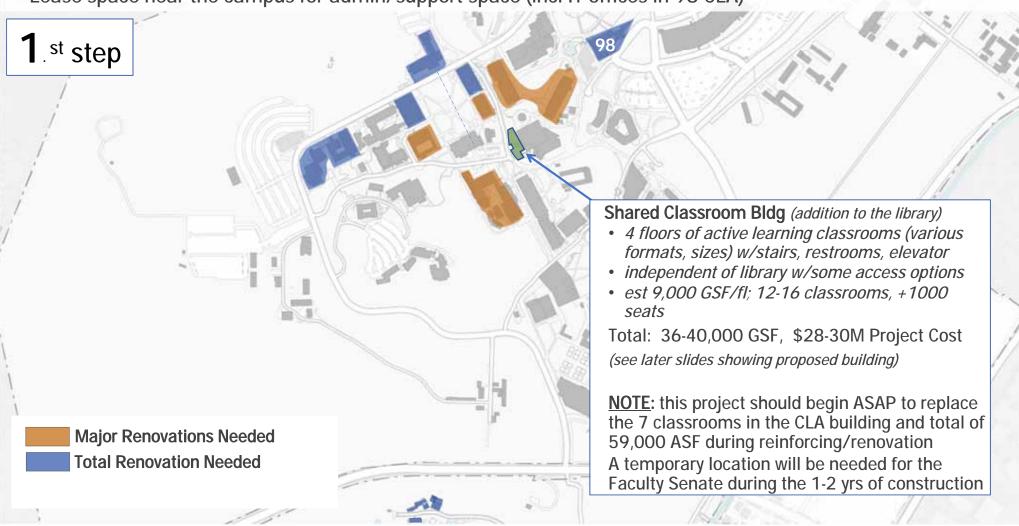
- Two of the four structures have been vacated, but completing the project requires classrooms and 50-60,000 sf or surge space (could be off campus)
- Reflects Facilities Conditions Assessment and incorporates seismic priorities and recommendations from multiple analyses

SYNTHESIS: CLA SEISMIC TRACK

Recommendation:

Build or lease surge space to facilitate seismic reinforcing + renovation of existing academic buildings (incl 98-CLA)

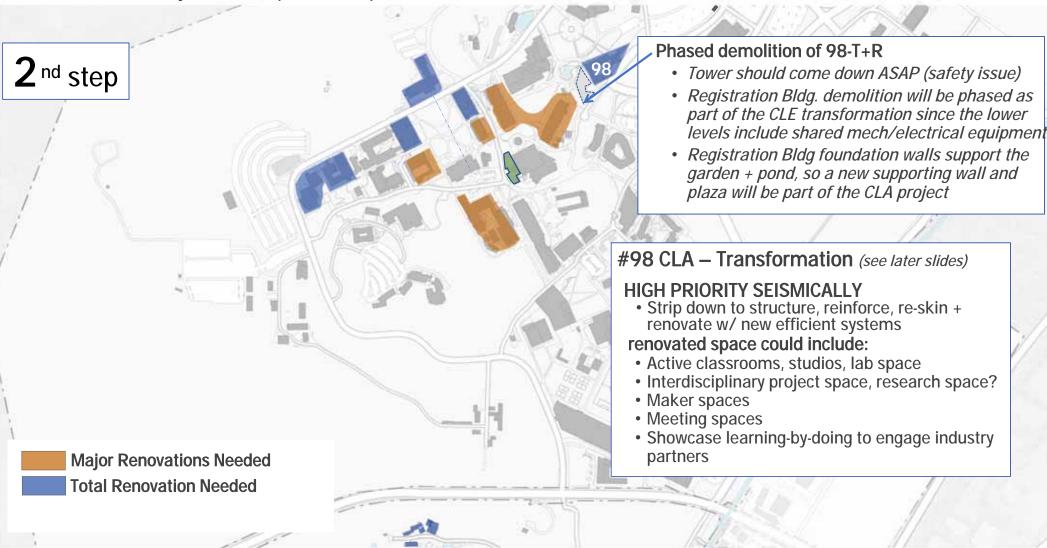
- Build new shared classroom space in the academic core
- Lease space near the campus for admin/support space (incl IT offices in 98-CLA)



SYNTHESIS: CLA SEISMIC TRACK

Recommendation:

Empty Bldg #98 CLA+P to facilitate Bldg 98 replacement OR seismic reinforcing + renovation as #1 seismic priority (see later slides for analysis of CLA replacement options and transformation studies)



Master Plan - Facility | Area Studies | CIP Track: Academic Core Seismic/Renewal

Creates new academic space (classrooms+ faculty workspace) in the academic heart of the campus to enable seismic reinforcing and major renovation of multiple buildings in the original campus core. These improvements will benefit six of the nine Colleges.

- Reflects Facilities Conditions Assessment and Facilities Conditions Needs Index (FCNI)
- Incorporates seismic priorities and recommendations, and required deferred maintenance
- Sequencing based on supporting academic activities for the greatest number of students and faculty

SYNTHESIS: CLA /ACADEMIC CORE SEISMIC TRACK

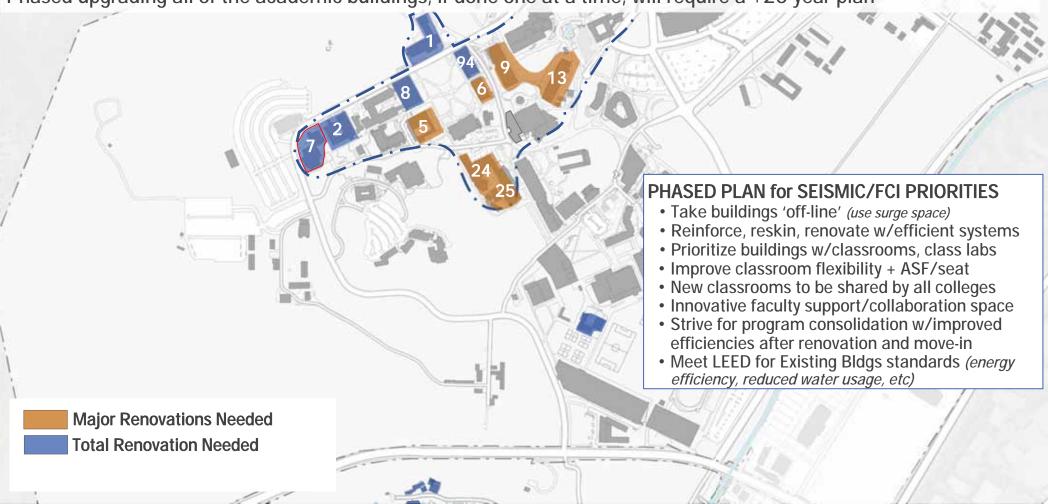
Recommendation:

Phased plan for seismic upgrading + total renovation of Bldgs 1, 2, 7, 8 (9-13 need further study)

Requires creation of academic 'surge space' sufficient to decommission a College building

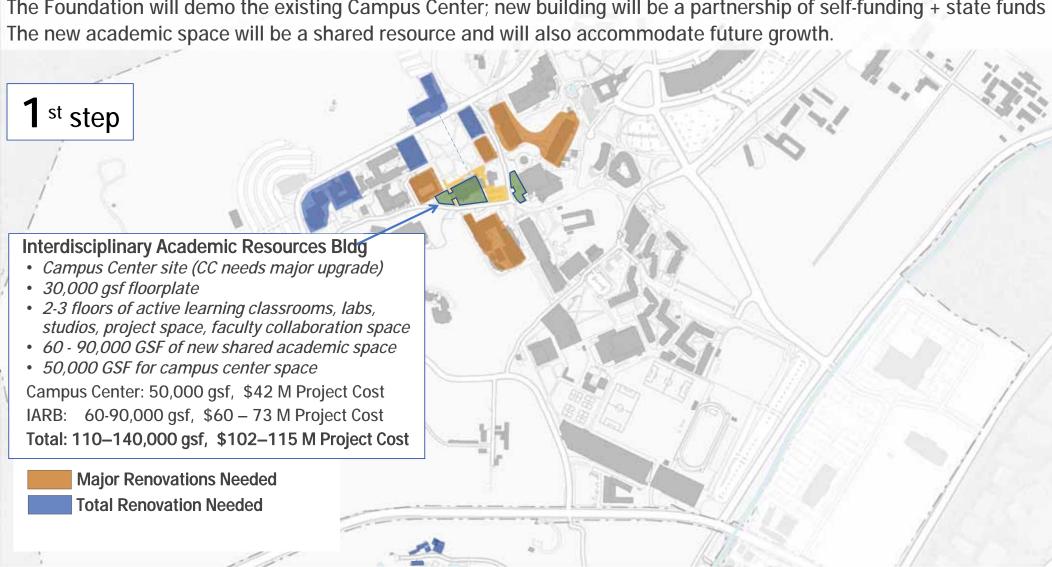
Renovate to meet academic needs for active classrooms, labs, studios space for project based 'learning-by-doing'

Phased upgrading all of the academic buildings, if done one at a time, will require a +20 year plan'

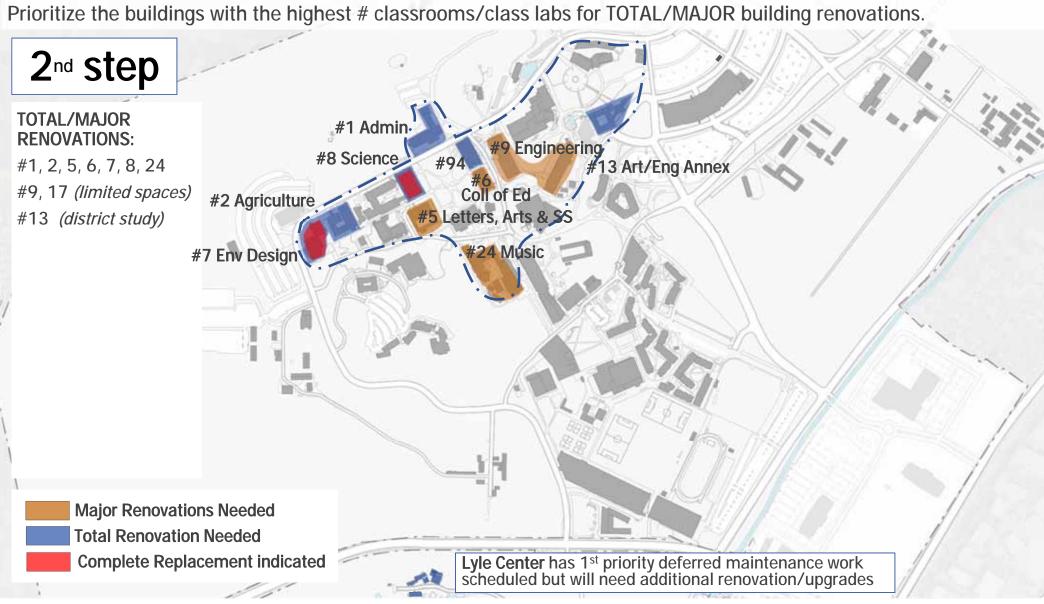


Recommendation:

Build new academic 'surge space' in the academic core, to facilitate renovation/seismic reinforcing of existing bldgs The Foundation will demo the existing Campus Center; new building will be a partnership of self-funding + state funds



Recommendation:



Recommendation:

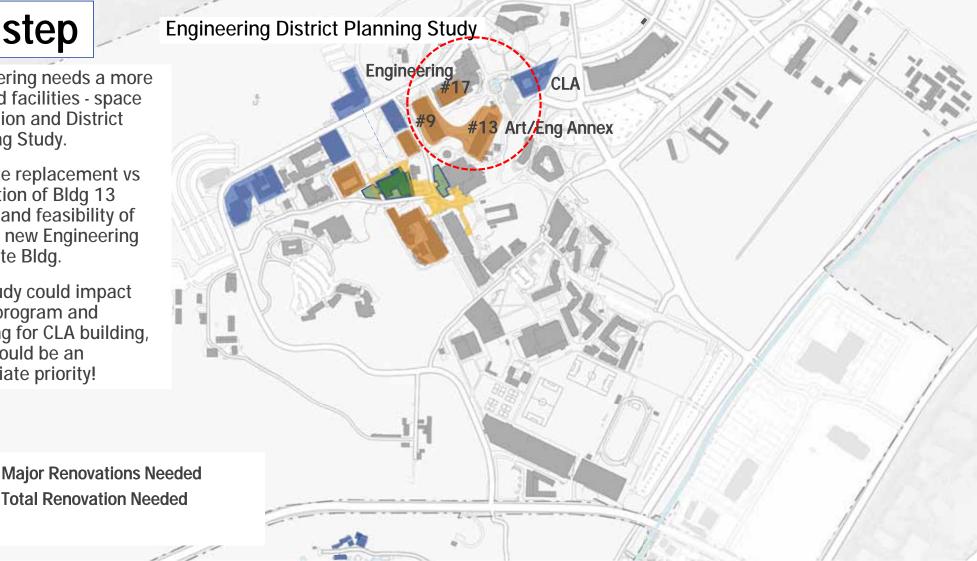
Engineering District Plan to evaluate renovation vs replacement for Bldg 13 + space priorities for Bldgs 9 and 17.

3rd step

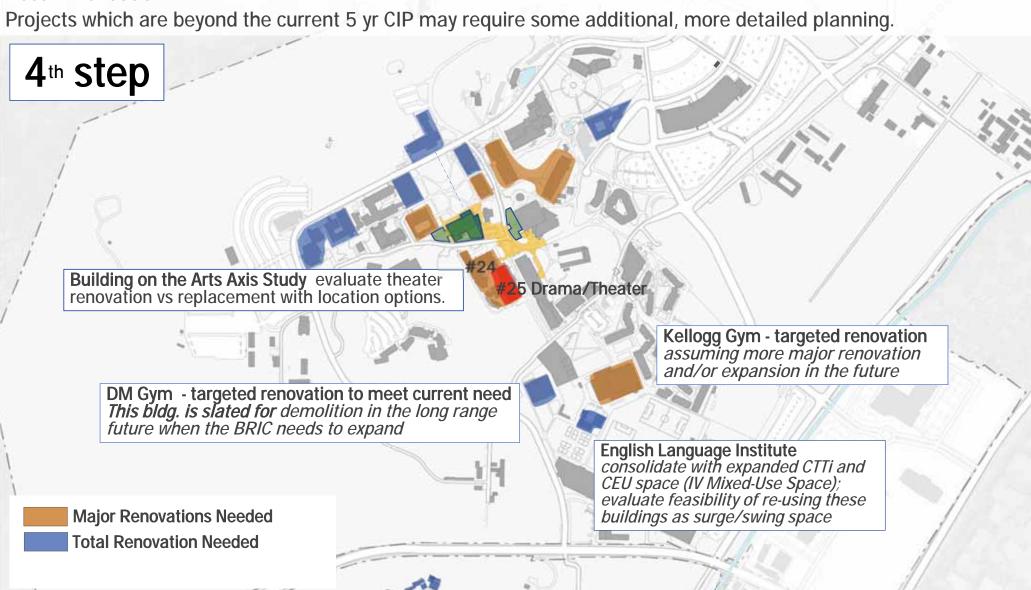
Engineering needs a more detailed facilities - space evaluation and District Planning Study.

Evaluate replacement vs renovation of Bldg 13 Annex, and feasibility of siting a new Engineering Graduate Bldg.

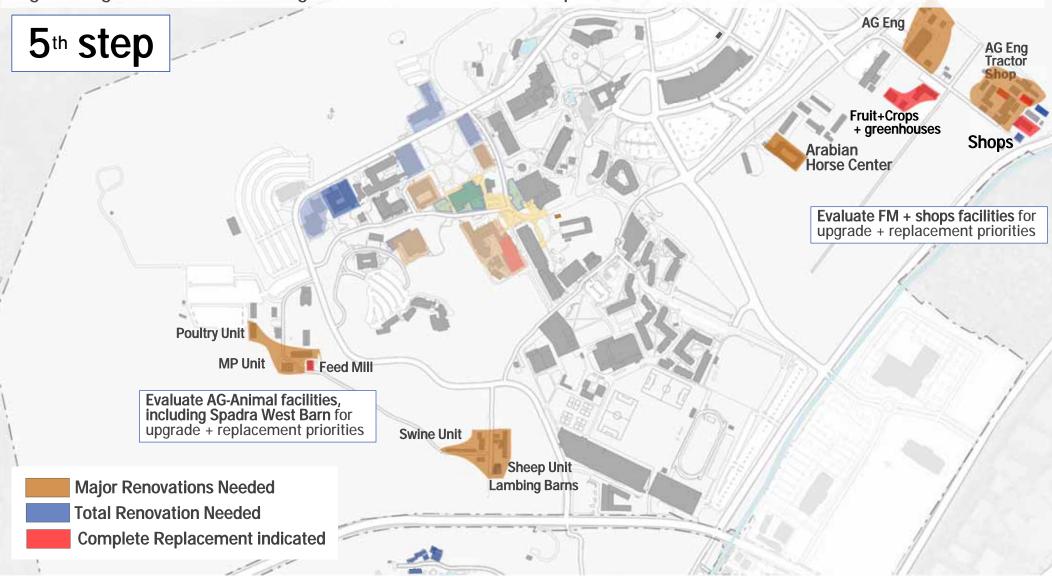
This study could impact space program and planning for CLA building, so it should be an immediate priority!



Recommendation:



Recommendation: Identify priorities for replacement, demolition or renovation for facilities for agriculture, ag engineering, and facilities management and maintenance shops.

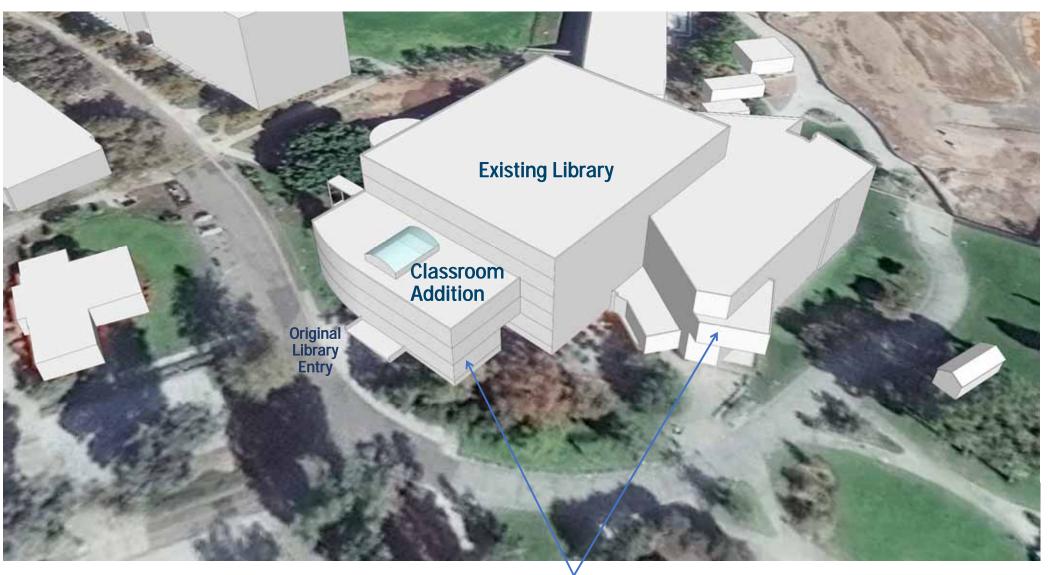


Master Plan - Facility | Area Studies
CIP Track: CLA Bldg 98 Seismic Priority #1

Classroom Resource Building

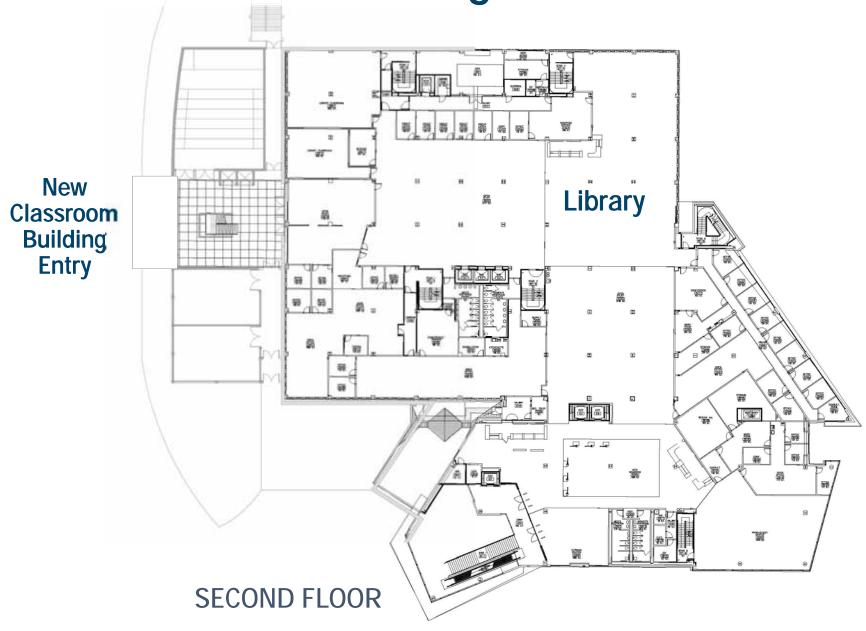
(surge classroom space)

Concept: Shared Classroom Building (addition to Library)



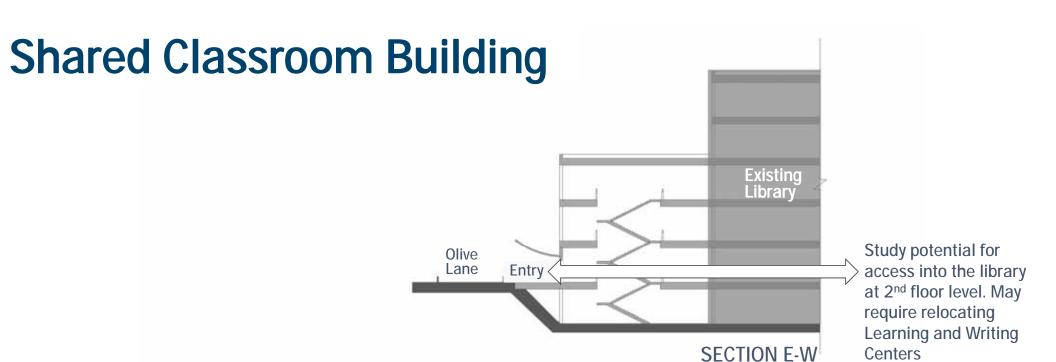
These two sites were investigated previously for library expansions, and confirmed as 'buildable' and are not in the fault line buffer areas

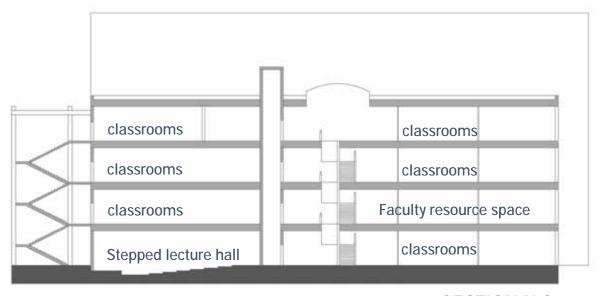
Shared Classroom Building



Shared Classroom Building







SECTION N-S

Centers

Shared Classroom Building

Shared Classroom Resources

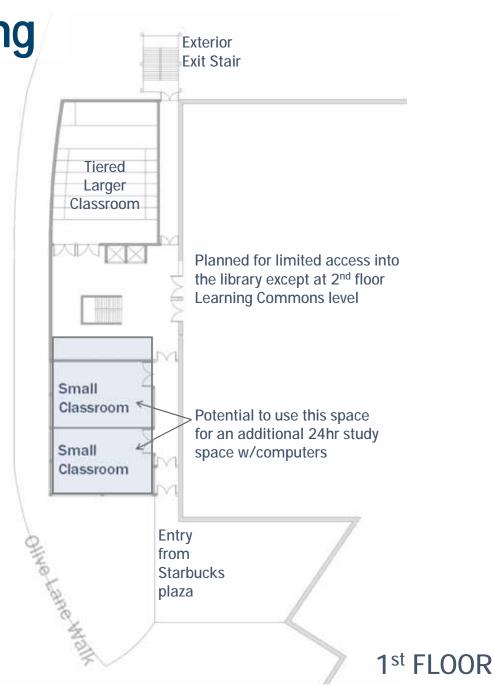
est 9,000 gsf/floor 4-5 floors 36,000 -45,000 gsf total

12-20 classrooms, est 800-1100 seats

Could include:

- resource space for faculty
- informal study space
- connections to learning commons

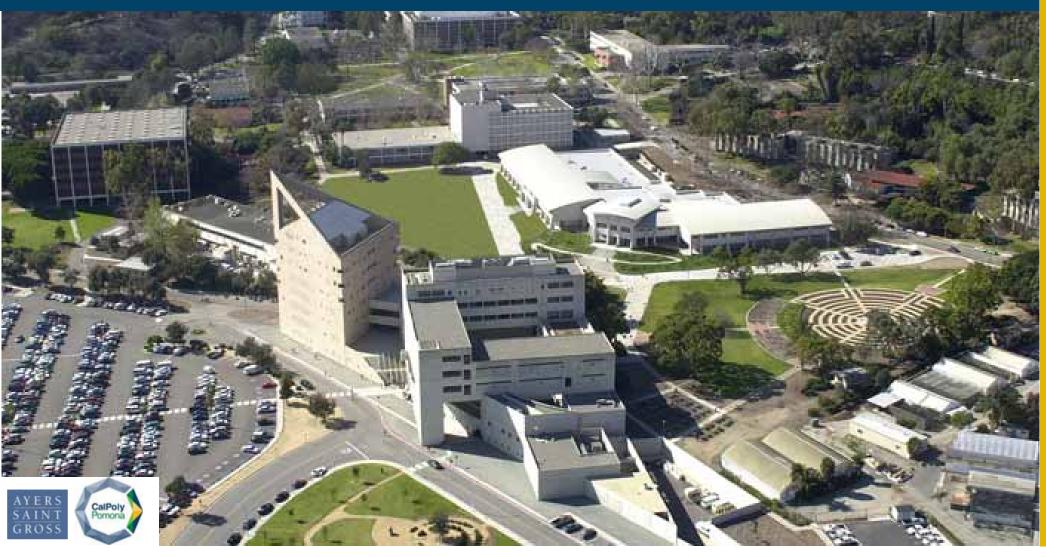
est \$28 - 36 M Cost



Master Plan - Facility | Area Studies
CIP Track: Bldg 98 Seismic Priority #1
CLA Studies

California State Polytechnic University, Pomona

Master Plan Study: Bldg 98 (incl T, R, CLA, P)
18 April 2019

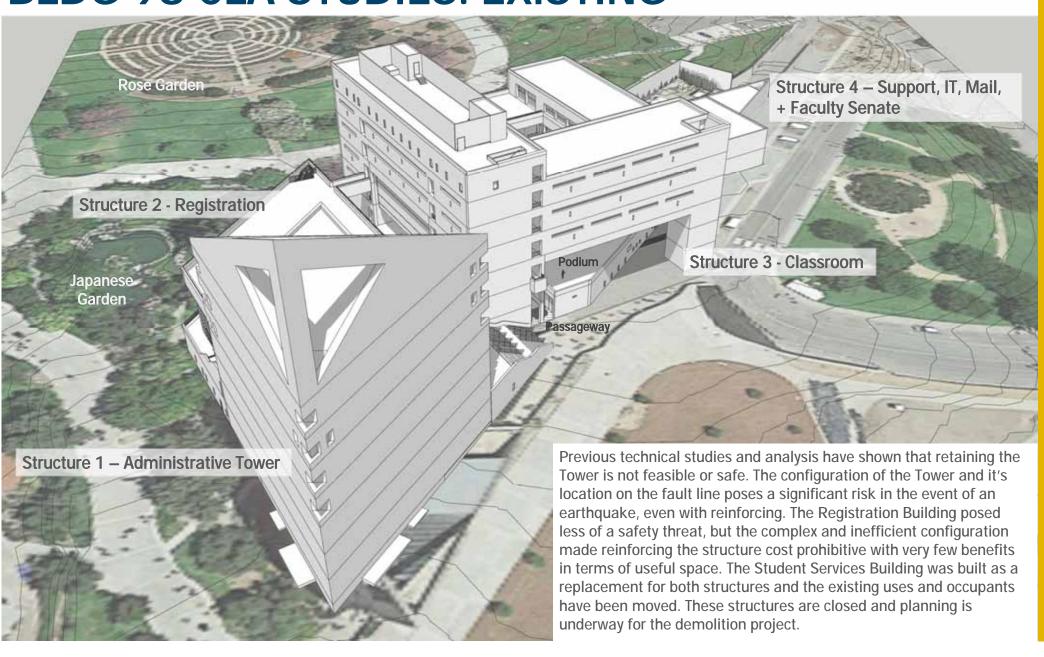


1) Demolition of 98-Tower + Registration buildings

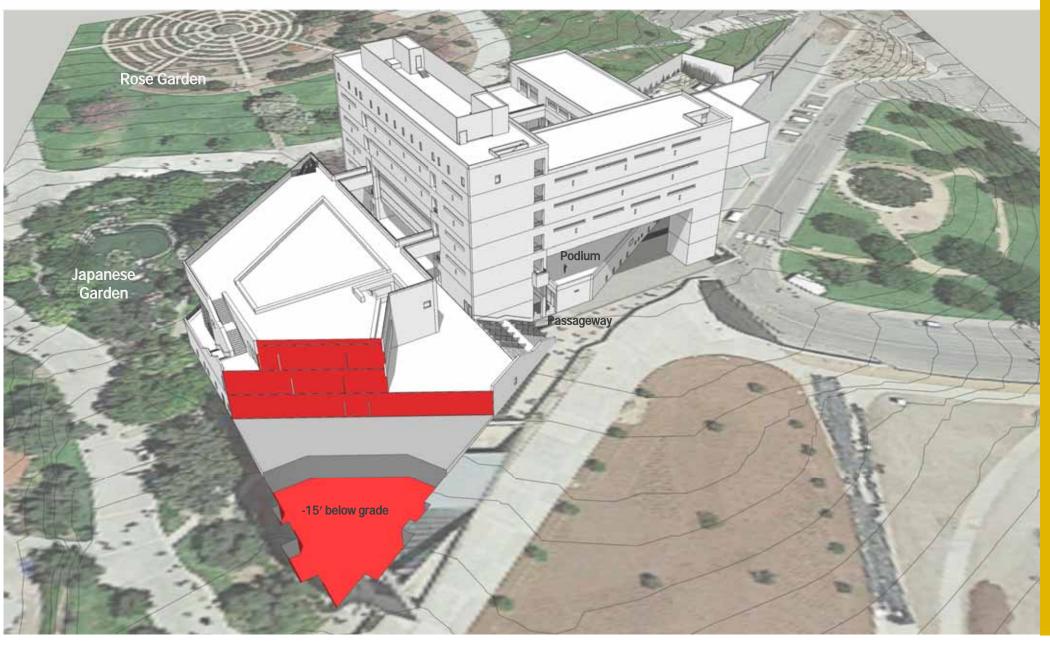
- What does it look like and how much will it cost?
- Issues to consider: reimagining this site incl protection of the Japanese Garden
- 2) What are the options for 98-CLA (P)? What's the cost? Time?
 - Replace with a new building
 - Reinforce-reconstruct existing building
- 3) Can a case be made for 98-CLA transformation?
- 4) Evaluation Considerations:
 - · cost, relocation logistics, time-sequence to completion
 - campus impact, limited uses for a central seismic zone site



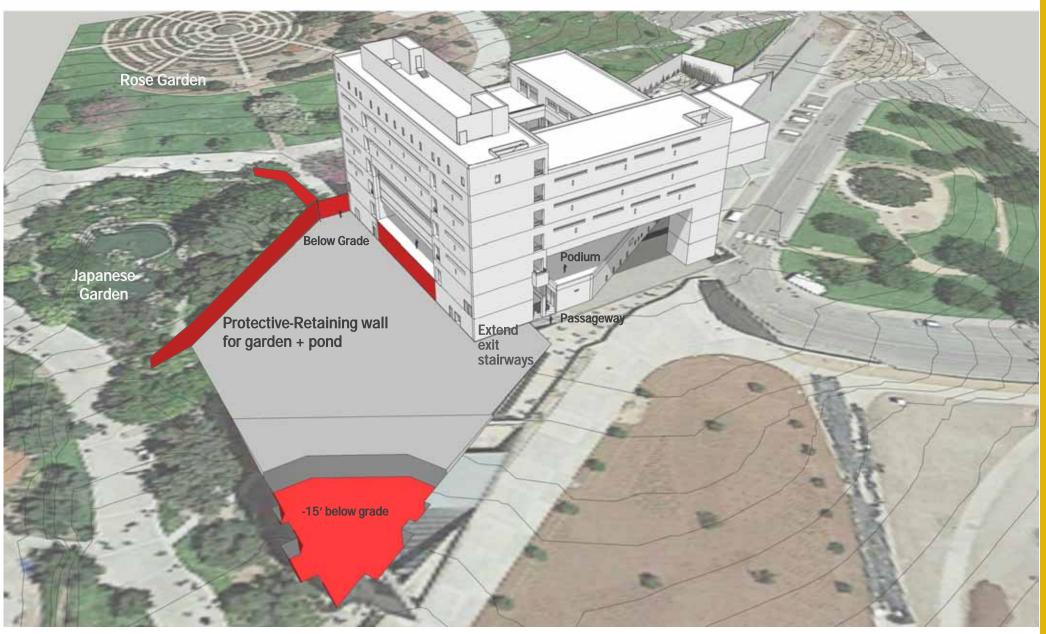
BLDG 98-CLA STUDIES: EXISTING



BLDG 98-CLA STUDIES: DEMO TOWER

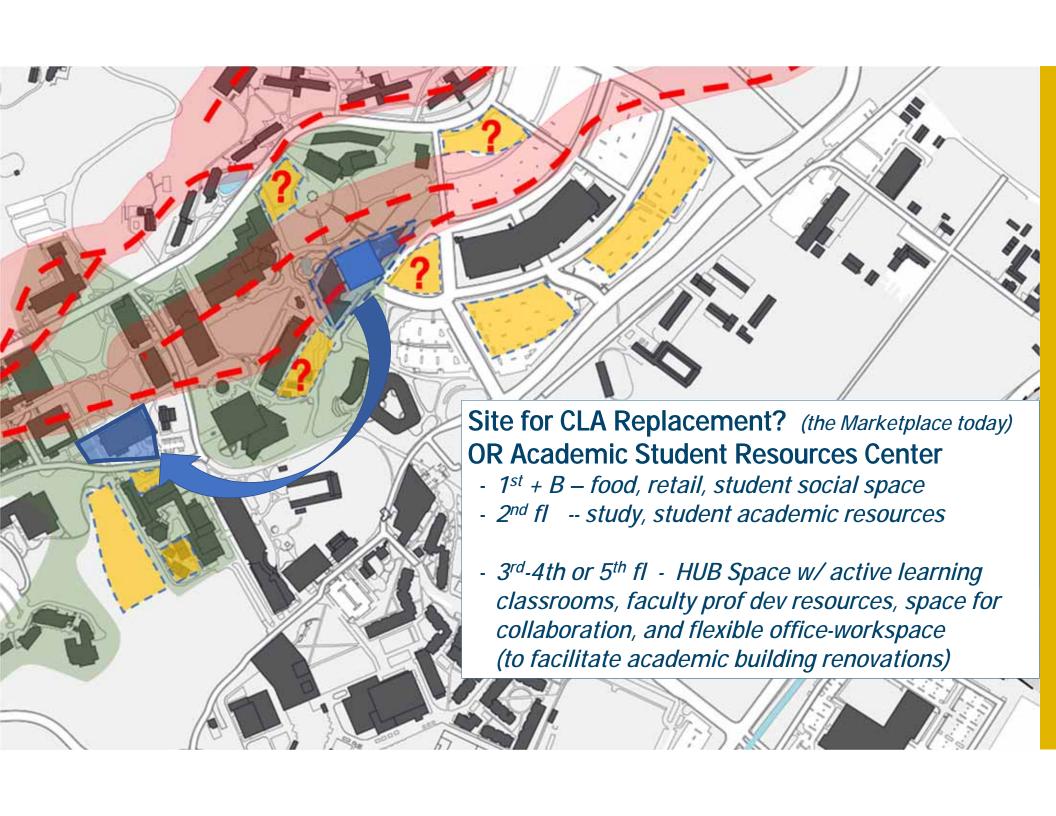


BLDG 98-CLA STUDIES: DEMO REG BLDG



CIP-BLDG 98 Studies + Cost Analysis

- 2) What are the options for 98-CLA (P)? What's the cost? Time?
 - ➤ Replace with a new building 125,000 GSF
 - > Option 1: low building (seismic zone, lower cost, hard to site)
 - > Option 2: taller building (easier to fit on small sites, higher cost)
 - Reinforce-reconstruct existing building
 - Option 1: enclose atrium (less exterior, less energy, less cost)
 - > Option 2: enclose more (same as 1 + more usable space)



DESIGN FOR HUBS + COMMONS











Meet me in the Middle

- Interdisciplinary space
- Visible ground floor spaces
- Small study +gathering areas
- Large incubator or collaboration space
- Flexible, open areas
- Consolidated resources for faculty + students
- Can eliminate redundancies
- Can improve utilization

CIP-BLDG 98 Strategies - Cost Analysis

Replace with a new building - 125,000 GSF

Option 1: 2 story building, 50-65,000 GSF footprint – no sites this size identified

\$105 M Building Project Cost

\$ 16 M Bldg 98 CLA-P Demo/Site Restoration

\$ 121 M Total Project Cost

Option 2: 5 story building, 25-30,000 GSF footprint – Marketplace site

\$104.4 M Building Project Cost

\$ 16 M Bldg 98 CLA-P Demo/Site Restoration

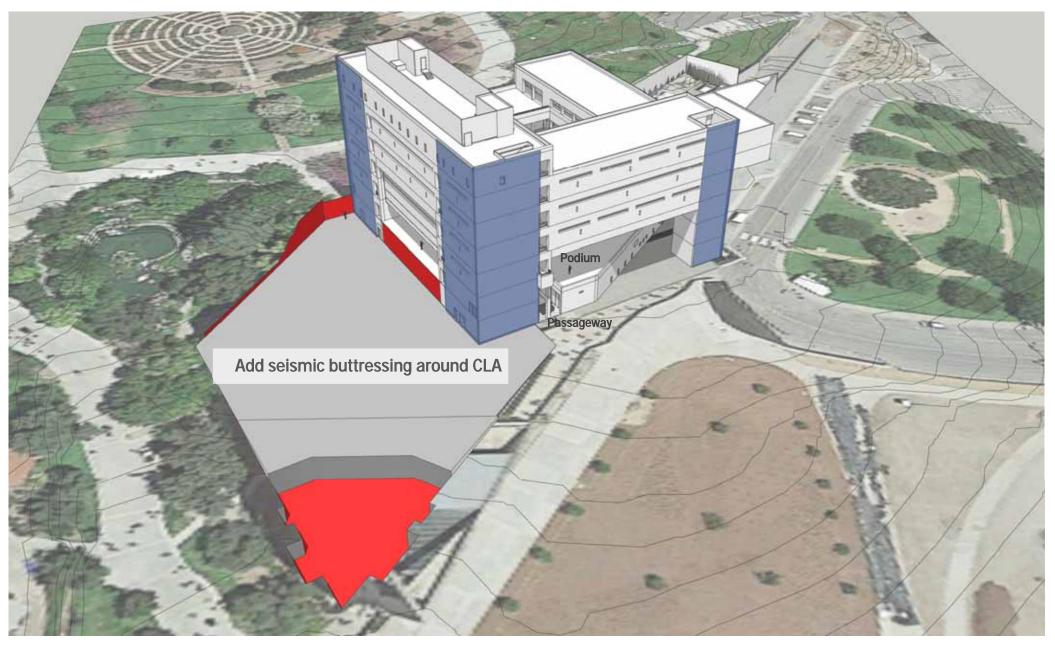
\$ 120.4 M Total Project Cost

CIP-BLDG 98 STRATEGIES

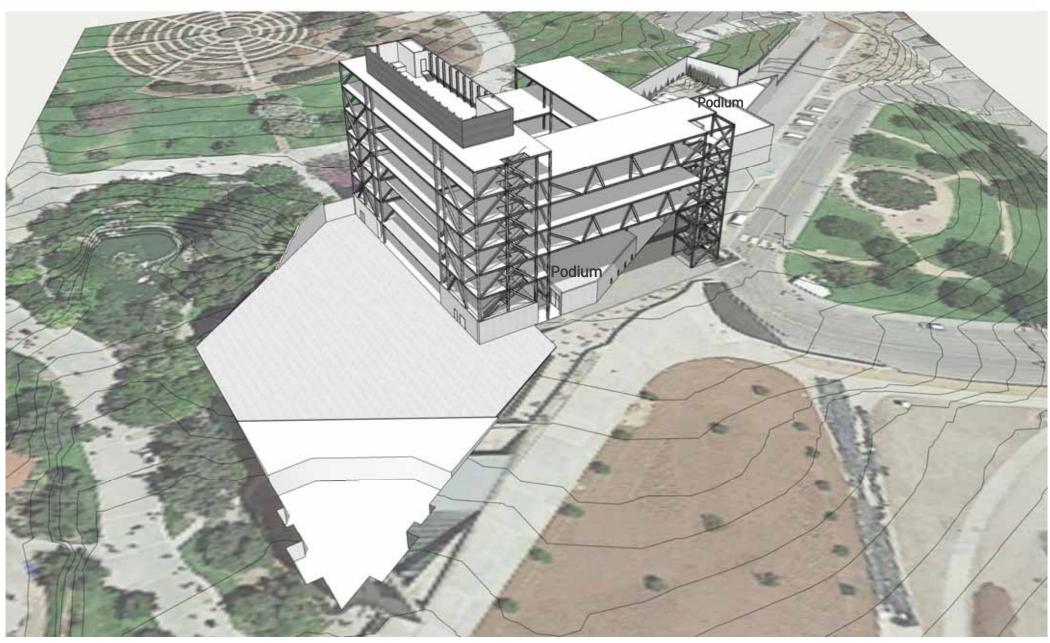
- ➤ Reinforce + Reconstruct the exist building
 - > Option 1: roof + enclose the atrium 143,000 GSF = 126,600 GSF 98CLA + 16, 300 GSF 98P
 - ➤ Option 2: larger roof + enclose the whole podium to add ASF studio-lab space 168,300 GSF = 152,000 GSF 98CLA + 16, 300 GSF 98P

* add cost of any temporary facilities or relocations

BLDG 98-CLA STUDIES: SEISMIC REINFORCING



BLDG 98-CLA STUDIES: STRUCTURE



BLDG 98-CLA STUDIES: Option 1 – Enclose Atrium

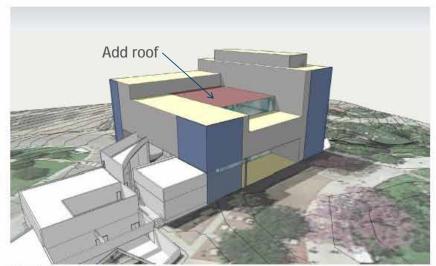


OPTION 1 142.000 SF Gross Area (110,480 SF existing) 60,100 SF New exterior walls/fenestration New exterior walls/fenestration w/ add. Structure 23,500 SF Structural shear wall reinforcement 21,950 SF Re-roofing New roof with structure 15,800 SF Exterior soffit 7,427 SF Exterior plaza/courtyard Assignable Area (58,390 SF existing)



View from Southwest - level 2 3D floor plan

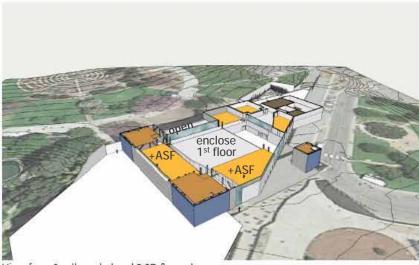
CLA BUILDING 098 - ENCLOSURE STUDIES



View from Northeast

BLDG 98-CLA STUDIES: Option 2





View from Southwest - level 2 3D floor plan

CLA BUILDING 098 - ENCLOSURE STUDIES

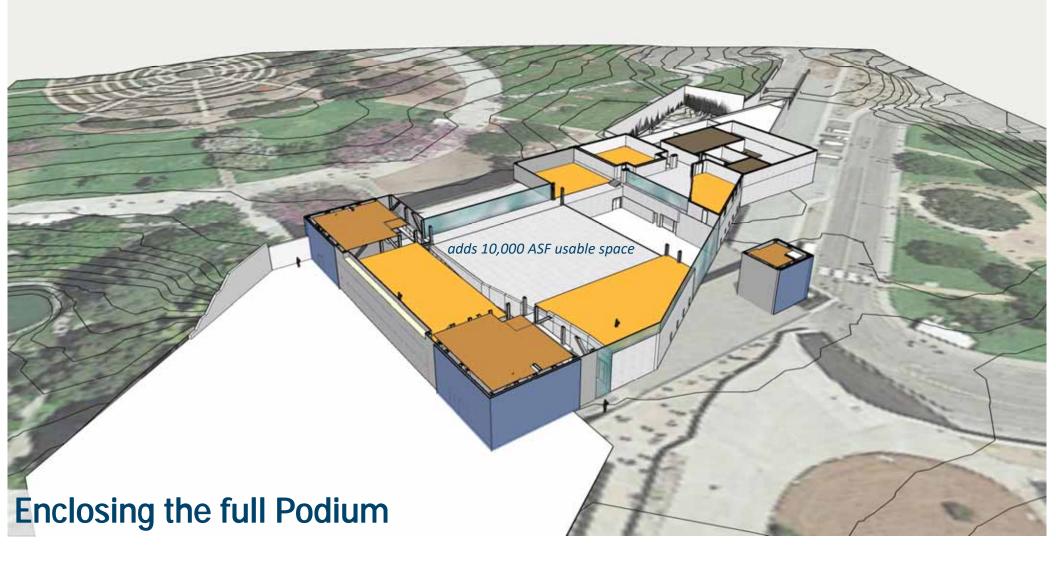
OPTION 2

165,000	SF	Gross Area (110,480 SF existing)
61,700	SF 🔲	New exterior walls/fenestration
8,430	SF	New exterior walls/fenestration w/ add, Structure
23,500	SF	Structural shear wall reinforcement
19,400	SF 🔃	Re-roofing
9,550	SF	New roof with structure
5,000	SF	Exterior soffit
2,800	SF	Exterior plaza/courtyard
72,000	SF	Assignable Area (58,390 SF existing)
		10,000 SF Level 1 added ASF
		3,000 SF Level 6 added ASF



View from Northeast

BLDG 98-CLA STUDIES: Option 2 – preferred option



CIP-BLDG 98 STRATEGIES

➤ Reinforce + Reconstruct the exist building

▶ Option 1: roof + enclose the atrium 143,000 GSF = 126,600 GSF 98CLA + 16, 300 GSF 98P \$ 104.5 M Total Project Cost

➤ Option 2: larger roof + enclose the whole podium to add ASF studio-lab space 168,300 GSF = 152,000 GSF 98CLA + 16, 300 GSF 98P \$ 120.4 M Total Project Cost

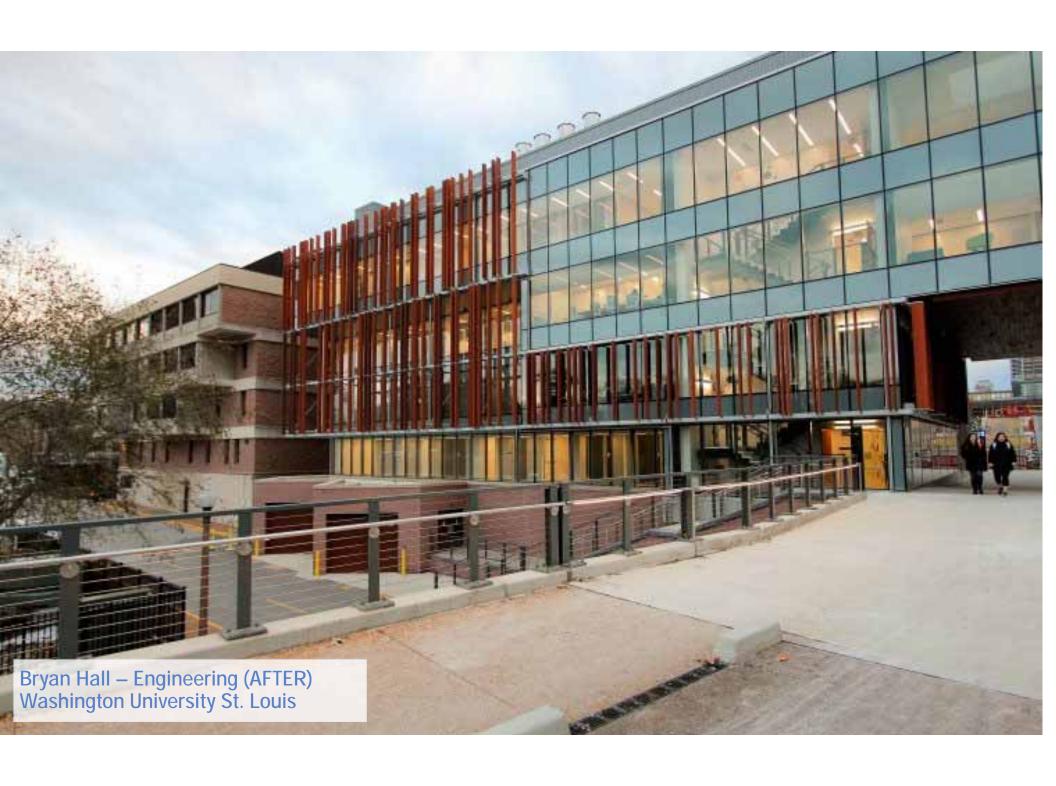
* add cost of any temporary facilities or relocations

Can a Case be made for 98-CLA transformation?

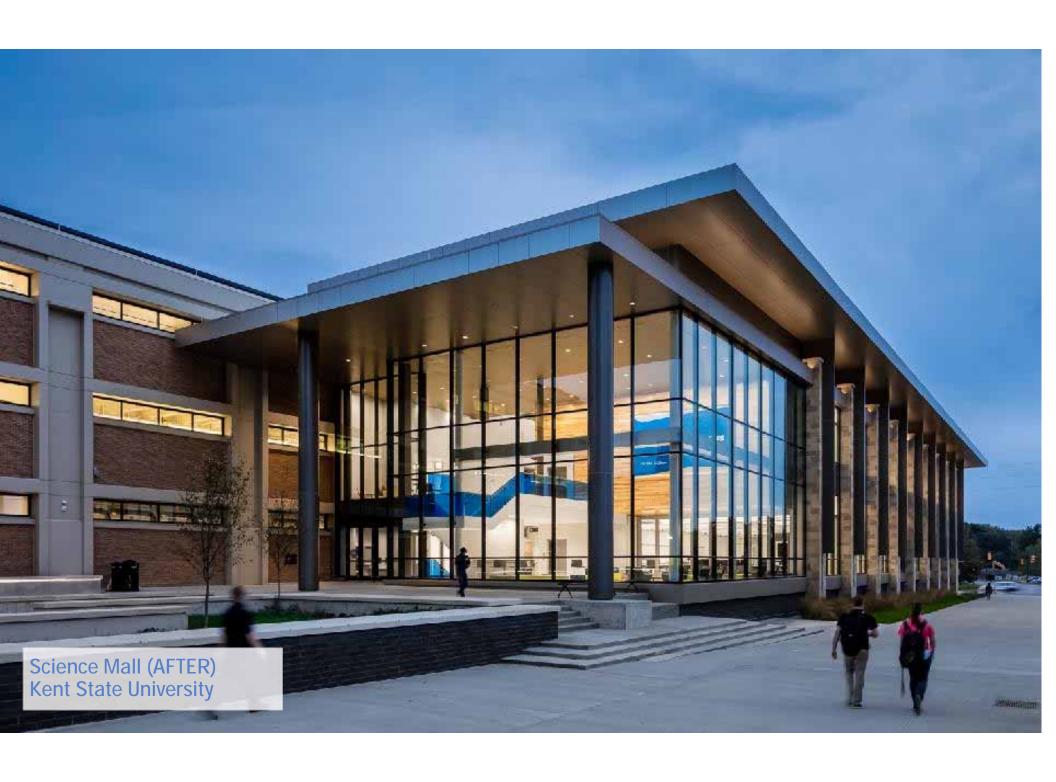
Yes!

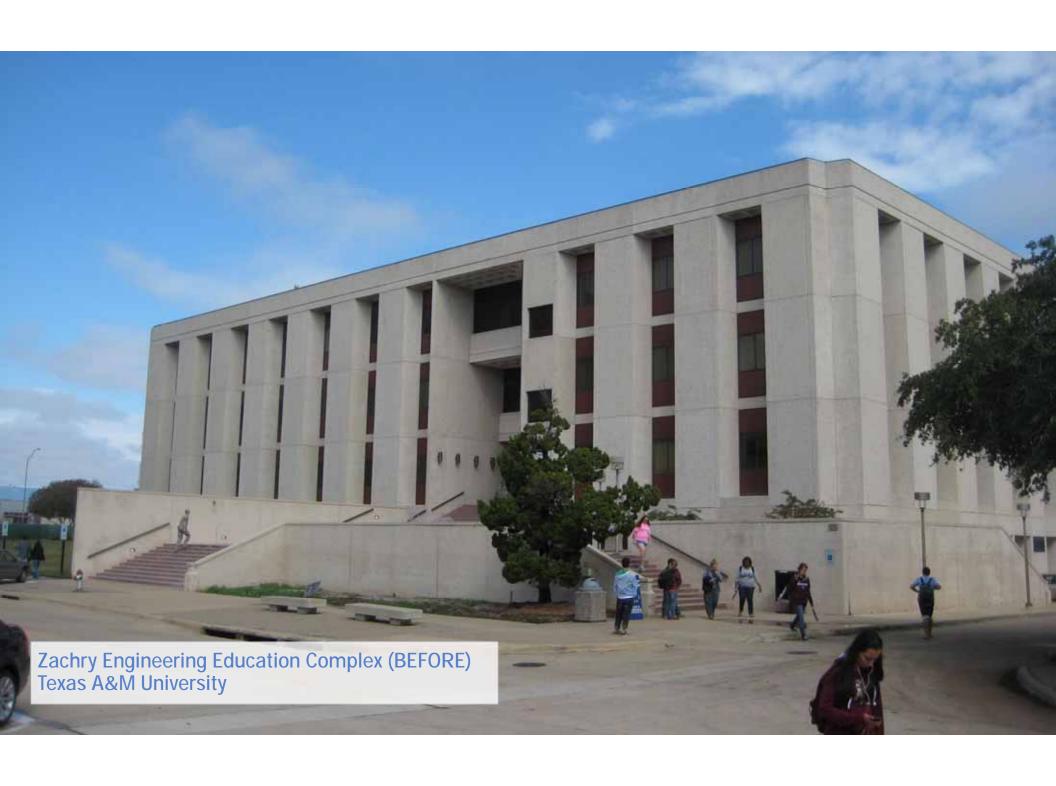
Renovation transformation ASG Case Studies

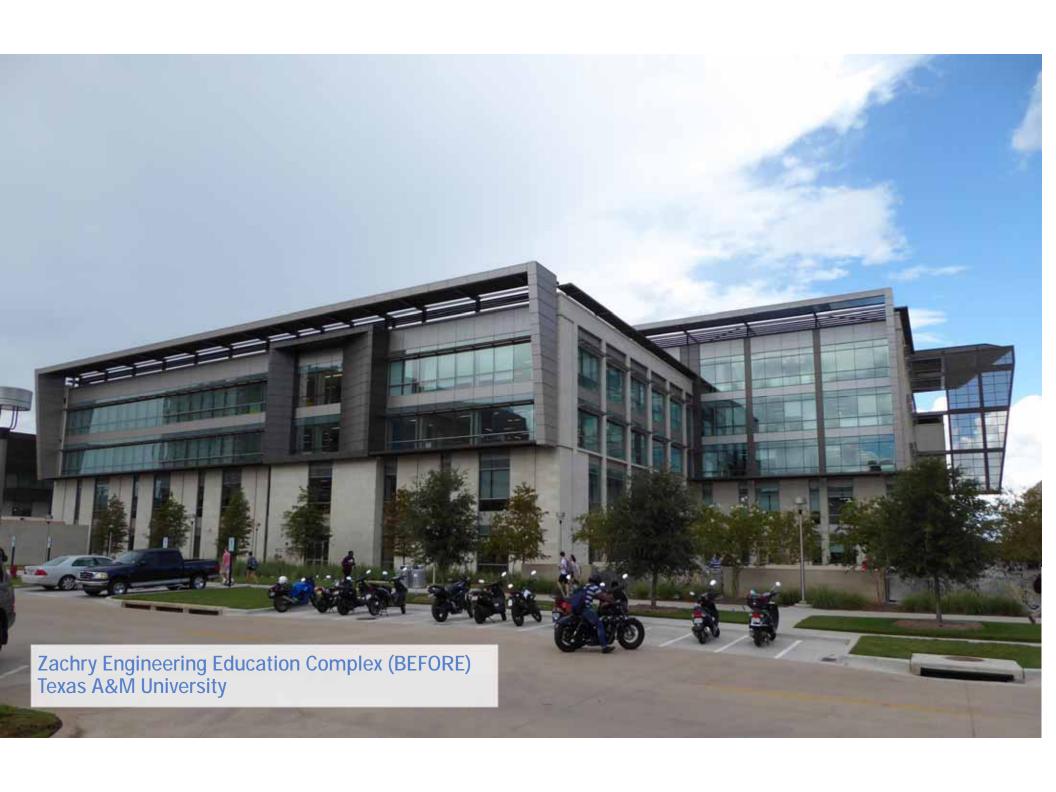


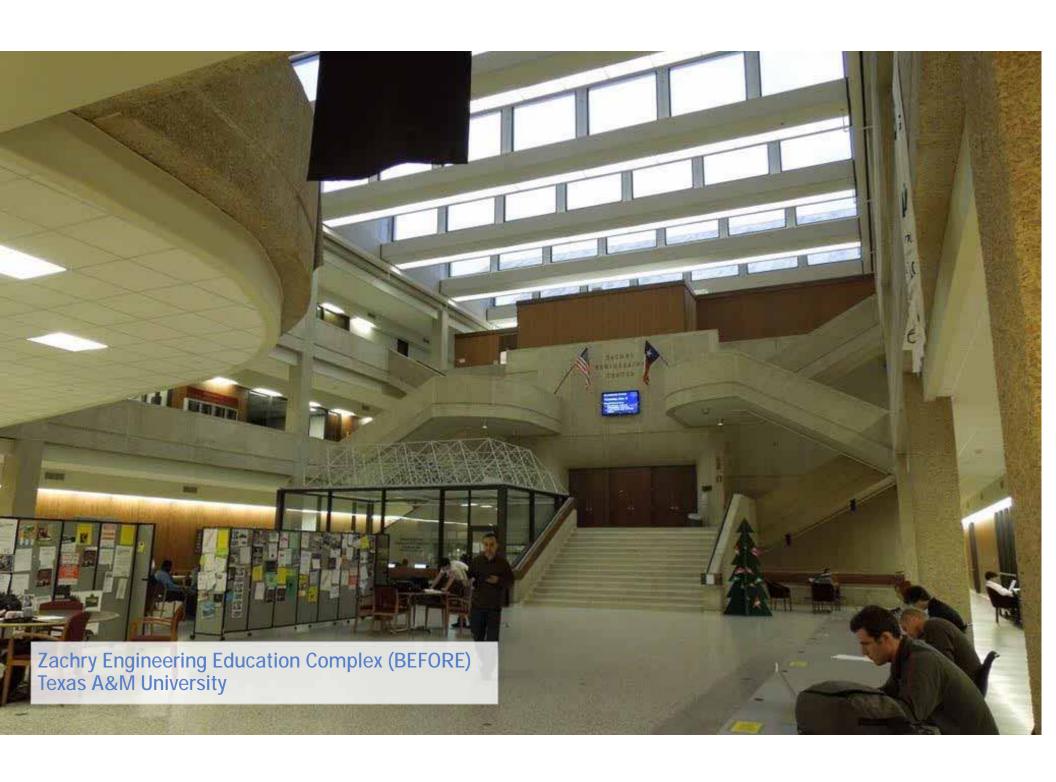


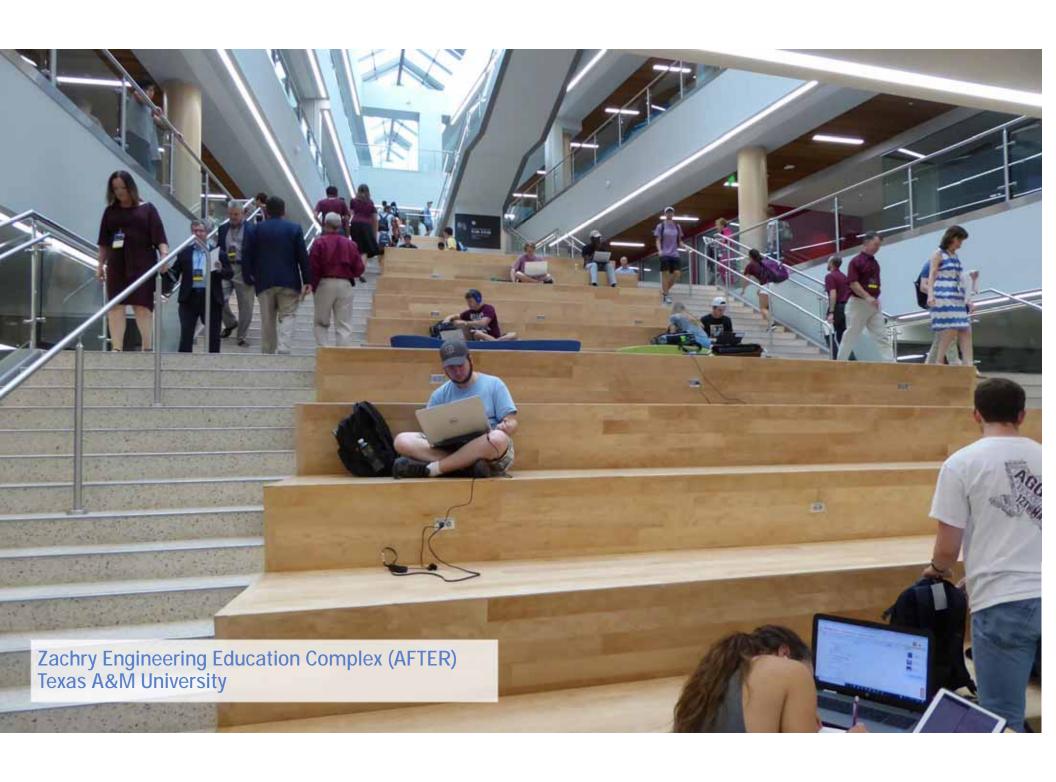




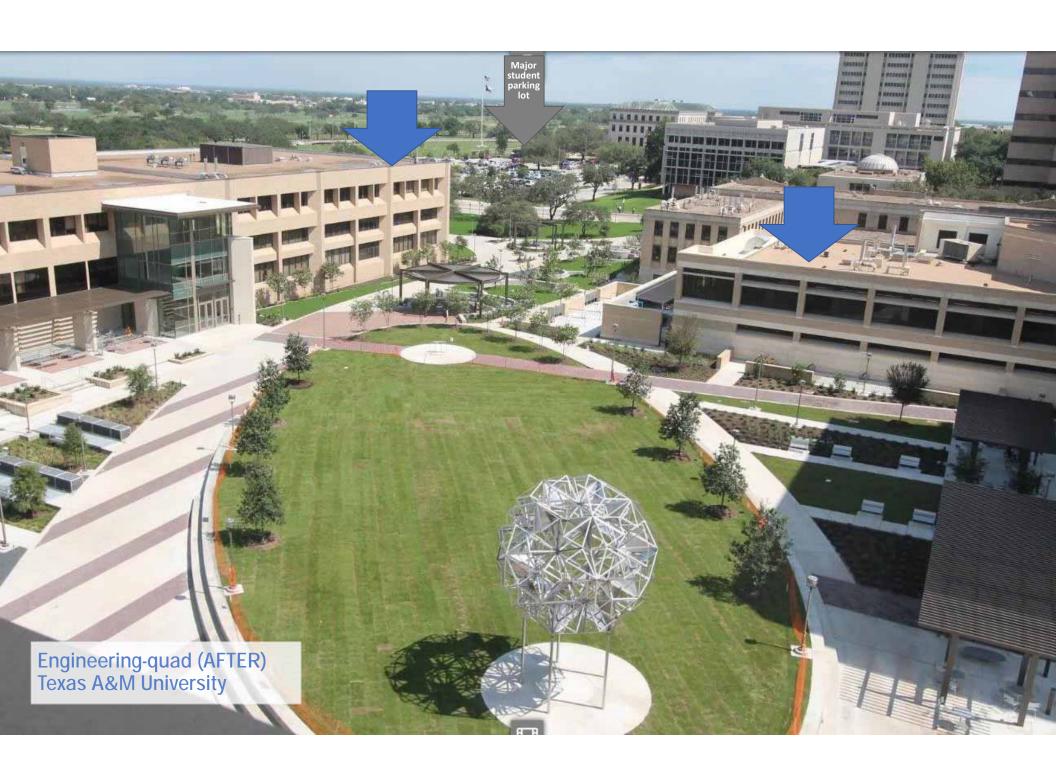












BLDG 98-CLA EXISTING: ATRIUM, COURTYARD









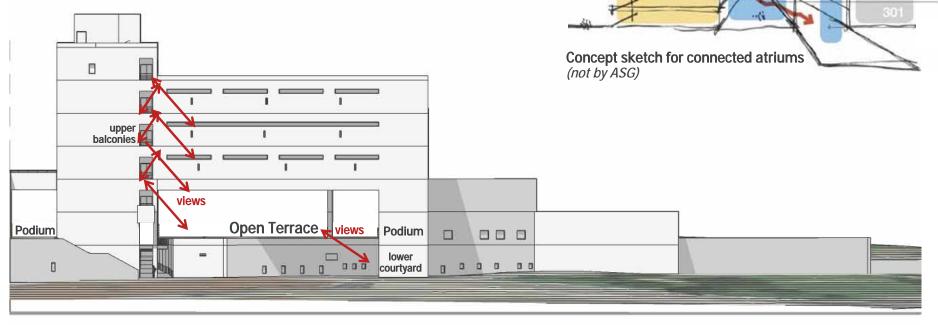






Precedent – Atrium Spaces





upper atrium

middle atrium

lower atrium

Existing

Precedent – Atrium Spaces

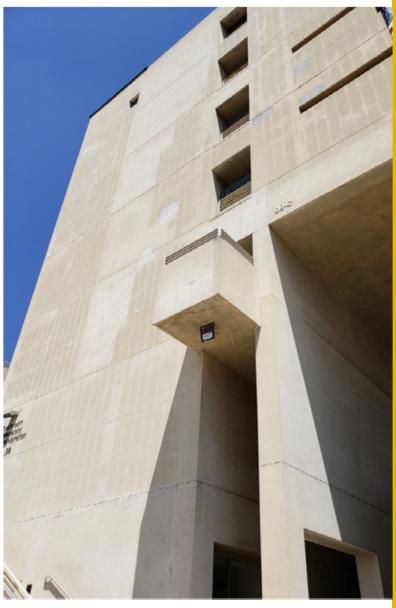






BLDG 98-CLA STUDIES: EXTERIOR ENCLOSURE





Precedent – Exterior Enclosure





Precedent – Exterior Enclosure





Precedent – Exterior Enclosure

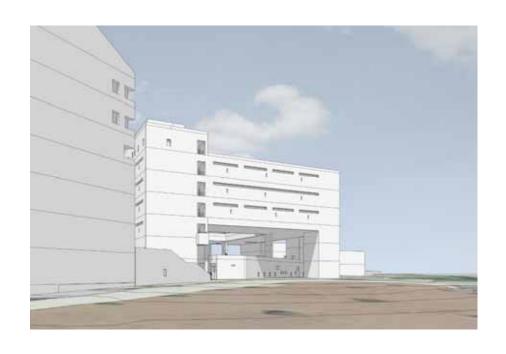


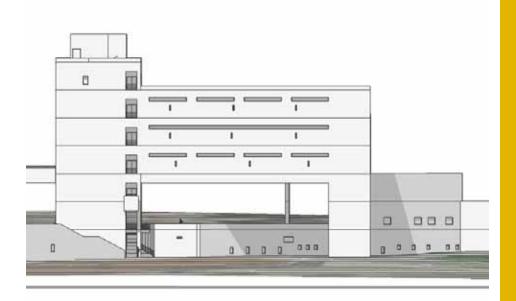


BLDG 98-CLA STUDIES: GET DOWN TO STRUCTURE



Facade Concepts - Existing





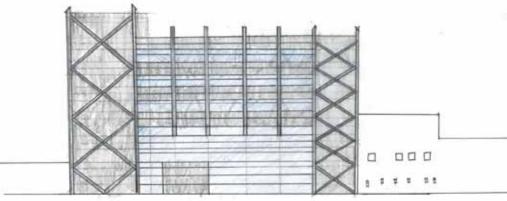
Facade Transformation Concept Study A



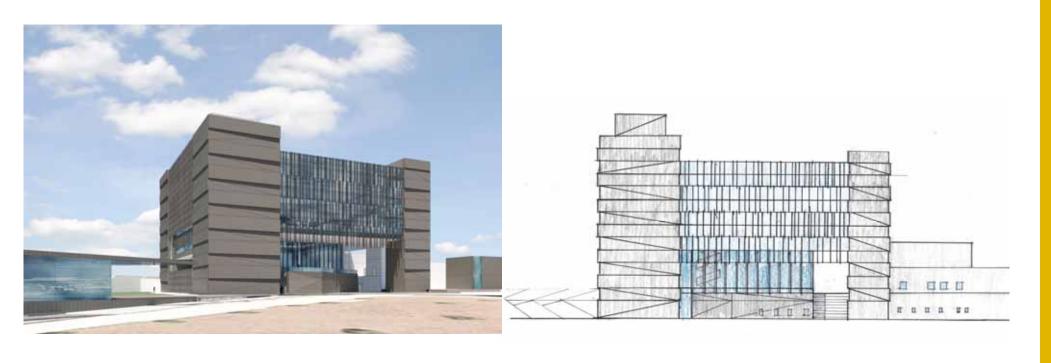


Facade Transformation Concept Study B





Facade Transformation Concept Study C



Programmatic options for new uses

- CLA should model new space types/standards for 'learning-by-doing'
- Classrooms, studios or labs for project-based instruction
- Programs could include architecture, art, industrial design, engineering, sciences (not wet lab)
- Project + group study space, various room sizes as well as informal work areas
- Instructional 'sandbox' for faculty development of 'best practices' for new apps, tech/AV, etc.
- Consider options for flex space to accommodate project-based research
- Model a new approach to faculty work space flexible, collaborative (similar to industry)
- Main floor could include flex space for reviews/juries, for student group presentation, for showcasing work, and for hosting 'industry + university' partnering events; could provide maker spaces for shared use







CIP-BLDG 98 Studies + Analysis

- 4) Evaluation Considerations:
 - cost, relocation logistics, time-sequence to completion
 - campus impacts, limited uses for a seismic zone site

CIP-BLDG 98 STRATEGIES COMPARED

➤ New building

5 yrs until 98-CLA/P is vacated, 6 yrs to completion

➤ Option 1: 2 story, 125,000 GSF \$121 M Total Project Cost

Option 2: 5 story, 125,000 GSF \$120.4 M Total Project Cost

➤ Reinforce-reconstruct exist bldg.

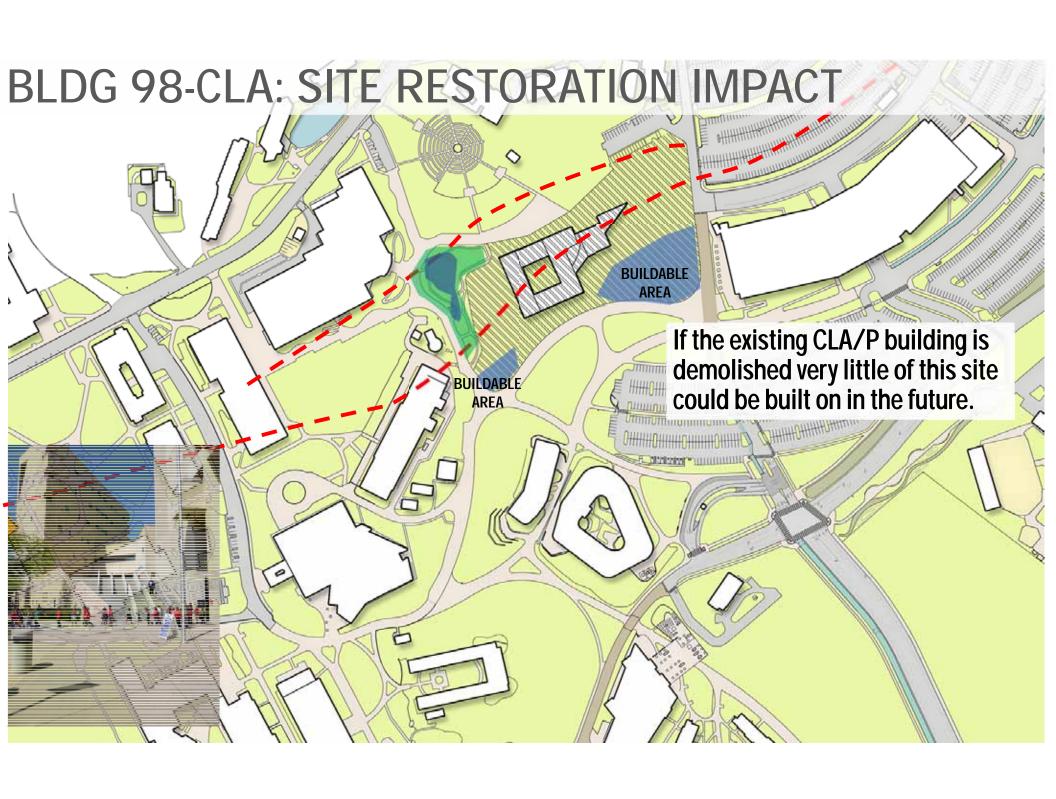
+4 yrs until 98-CLA/P is completed + reoccupied

Option 1: 126,000 GSF
cost is LESS
\$104.5 M Total Project Cost*

► Option 2: 168,300 GSF

SAME COST - MORE AREA \$120.4 M Total Project Cost*

* add cost of any temporary facilities, relocations







CIP-BLDG 98 Studies + Cost Analysis

Summary of Findings:

- > Cost of Reinforce-Repurpose-Renovate is less than replacement
- > Timeline is similar to occupy buildings, but w/new building adds 1yr demo/site restoration
- ➤ Relocation logistics 50-60 people, 7-8 classrooms, about 50-60,000 ASF?
- > Campus character-connectivity impact + limited uses for a central site on fault line

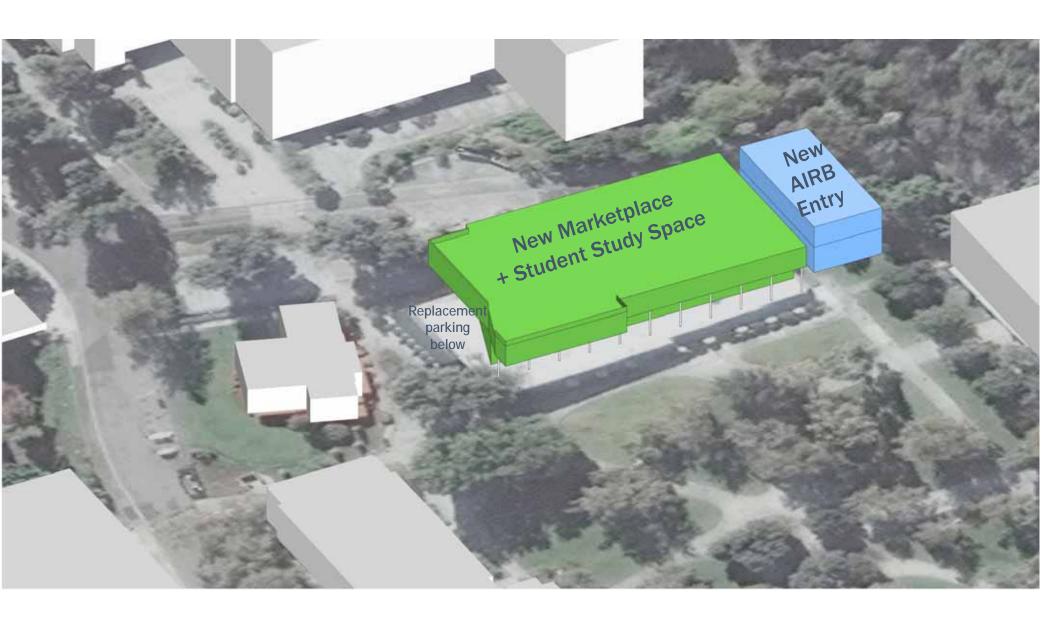


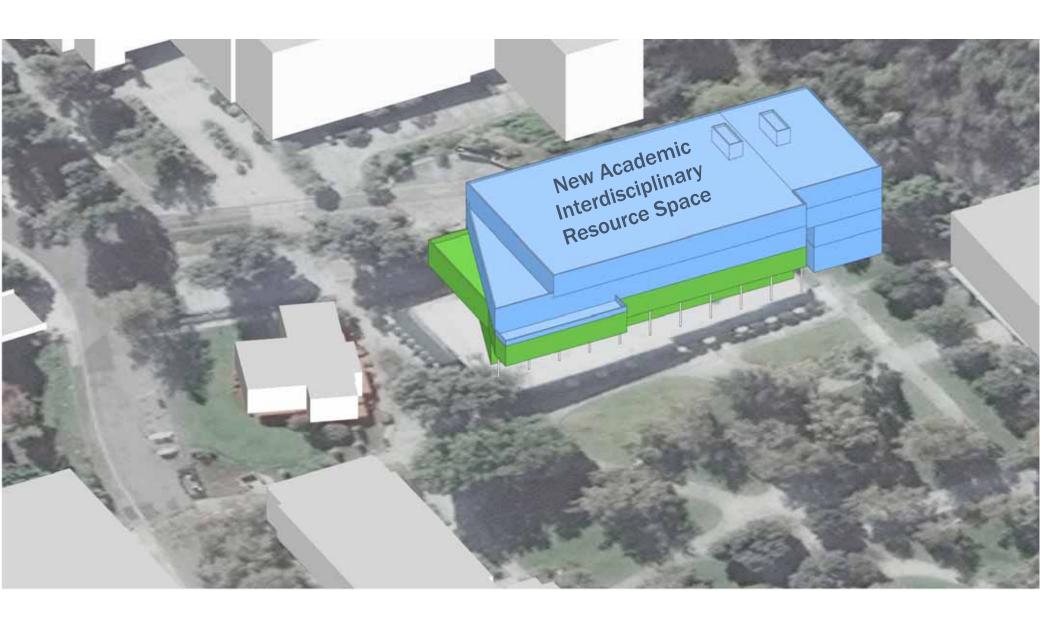
BSC Area Studies

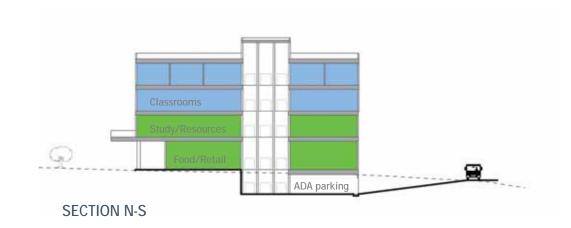
Campus Center + Academic Interdisciplinary Resources Building

Campus Center Building - Existing









Area per floor:

- 1st floor- 25,000 GSF
- 2nd floor- 31,000 GSF
- 3rd floor 30,000 GSF
- 4th floor 29,000 GSF

Area for Student Activity Space – 46,000 GSF Area for Academic Space – 69,000 GSF

