

CSU Fullerton

Physical Master Plan
Campus Forum
April 10th 2019



Agenda



- **Problem Statement**
- **Process**
- **Campus Now**
- **Campus Next**
- **Wrap-up / Next Steps**



Problem Statement



Future of Education

Improve Graduation Rates

Problem Based Learning

Research

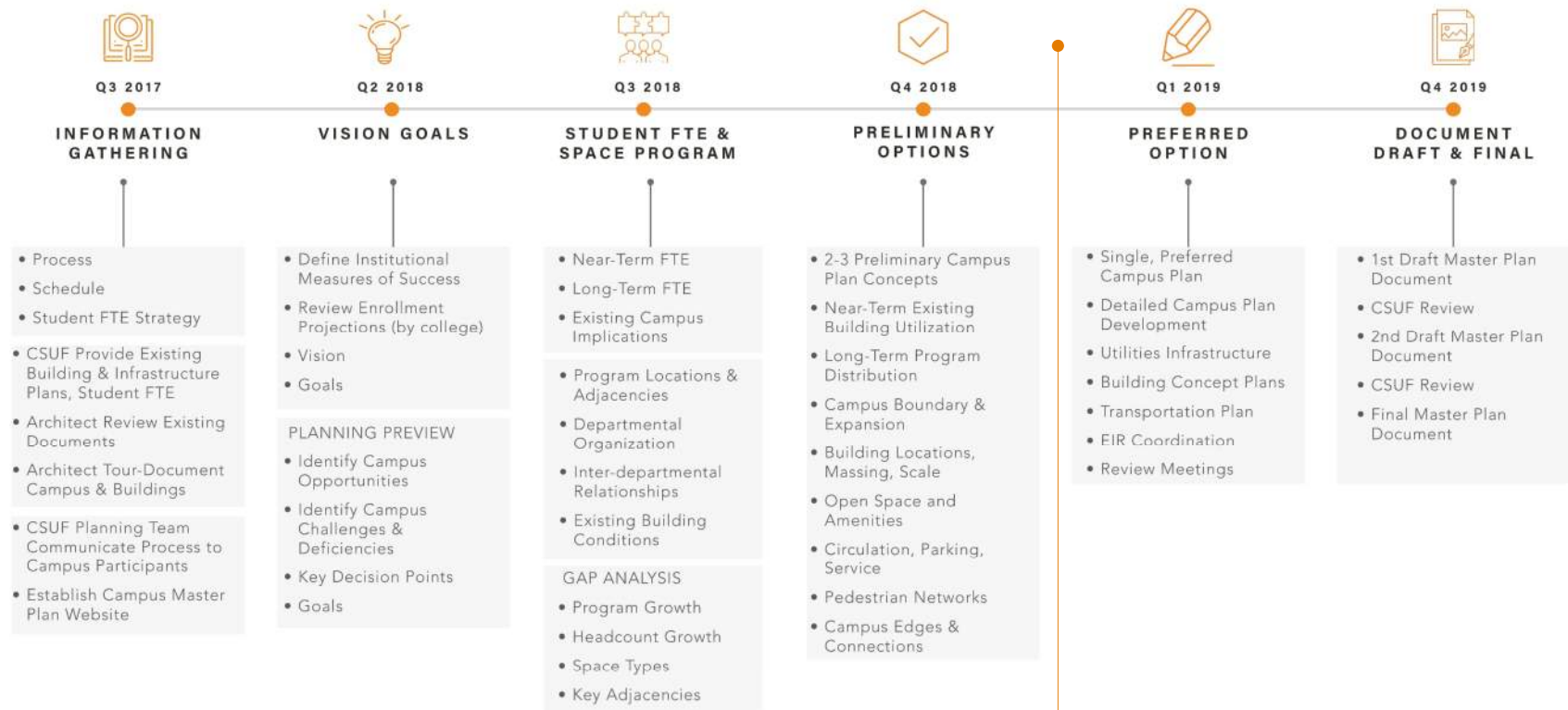
Cross-Discipline Collaboration

Student/ Professional Interaction

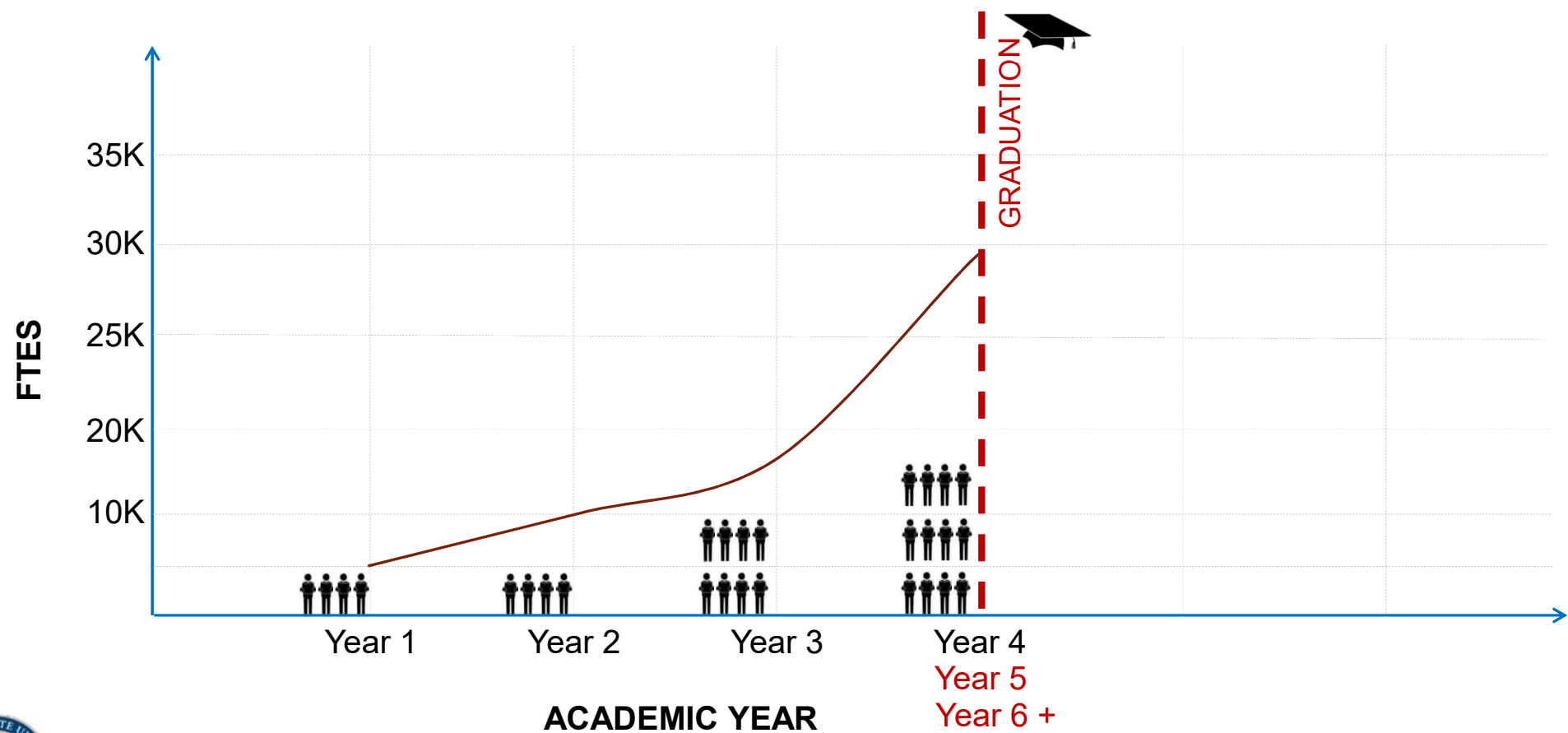
Community Support/ Connection



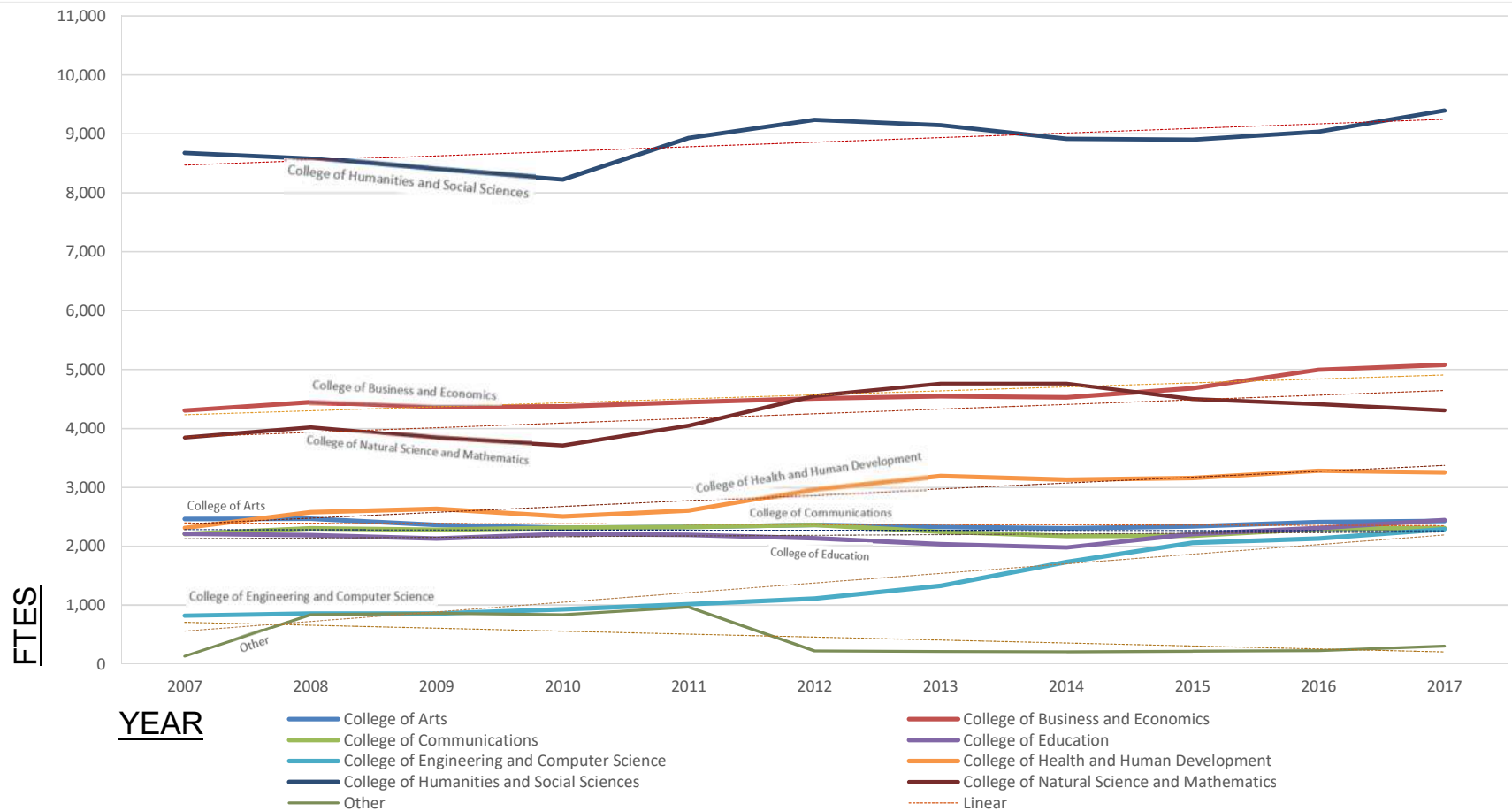
Process: Schedule/Activity Overview



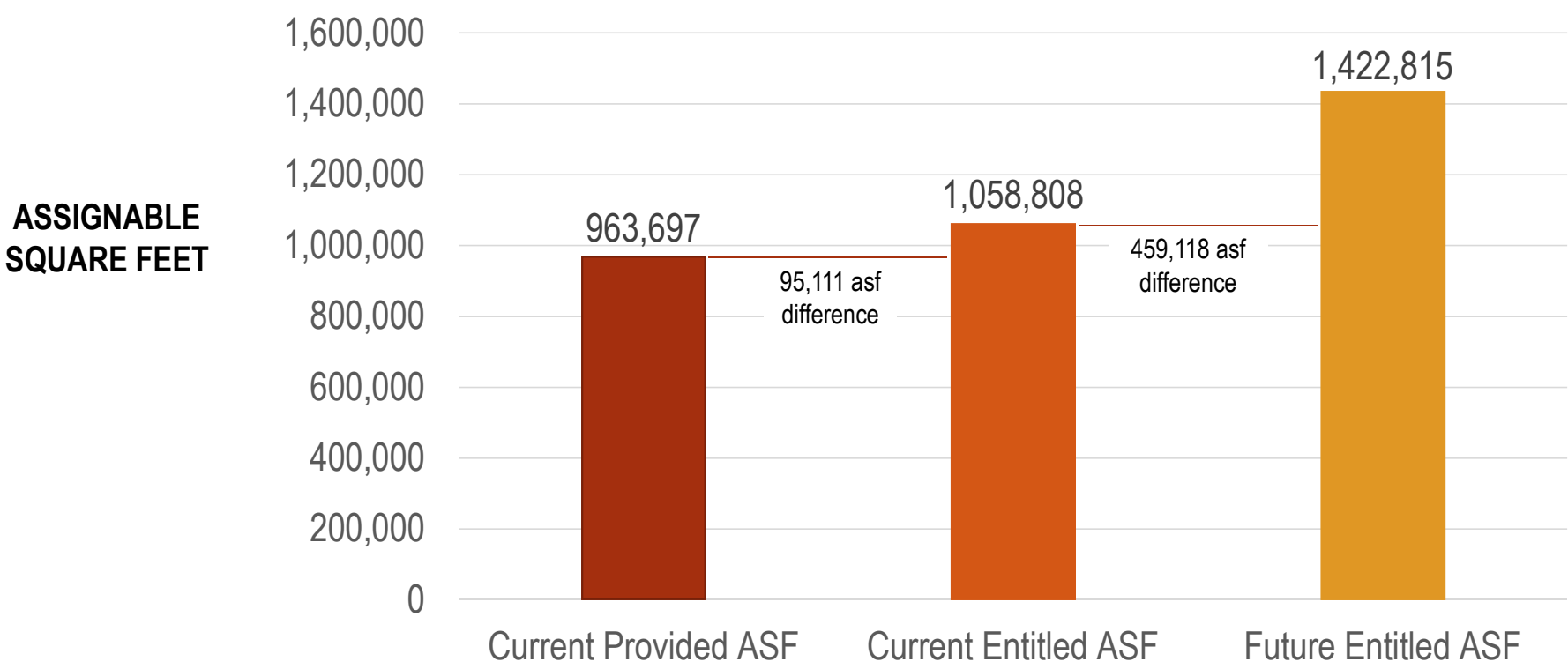
Campus Now: State of Student Population



Campus Now: Growth - Enrollment By College - Actual



Campus Now: Enrollment and Space Entitlements



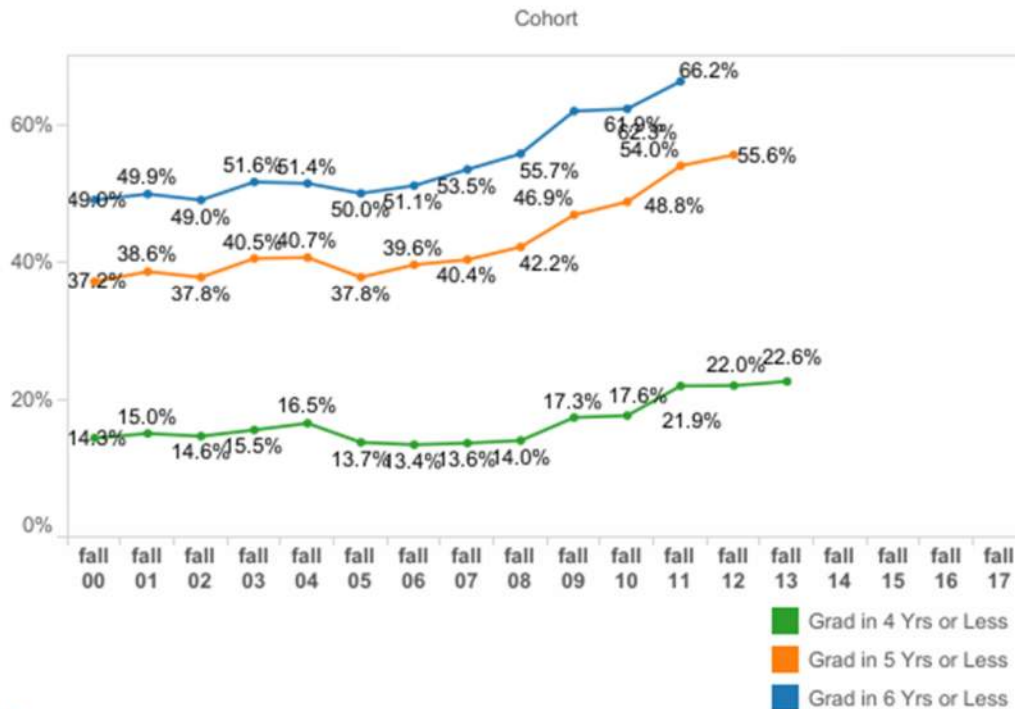
AREA DEMAND

Area includes lecture, lab, graduate & faculty offices, shops, & other instruction



Campus Now: Graduation Initiative

Graduation/Retention Rates for First-time Full-time Freshman Cohorts



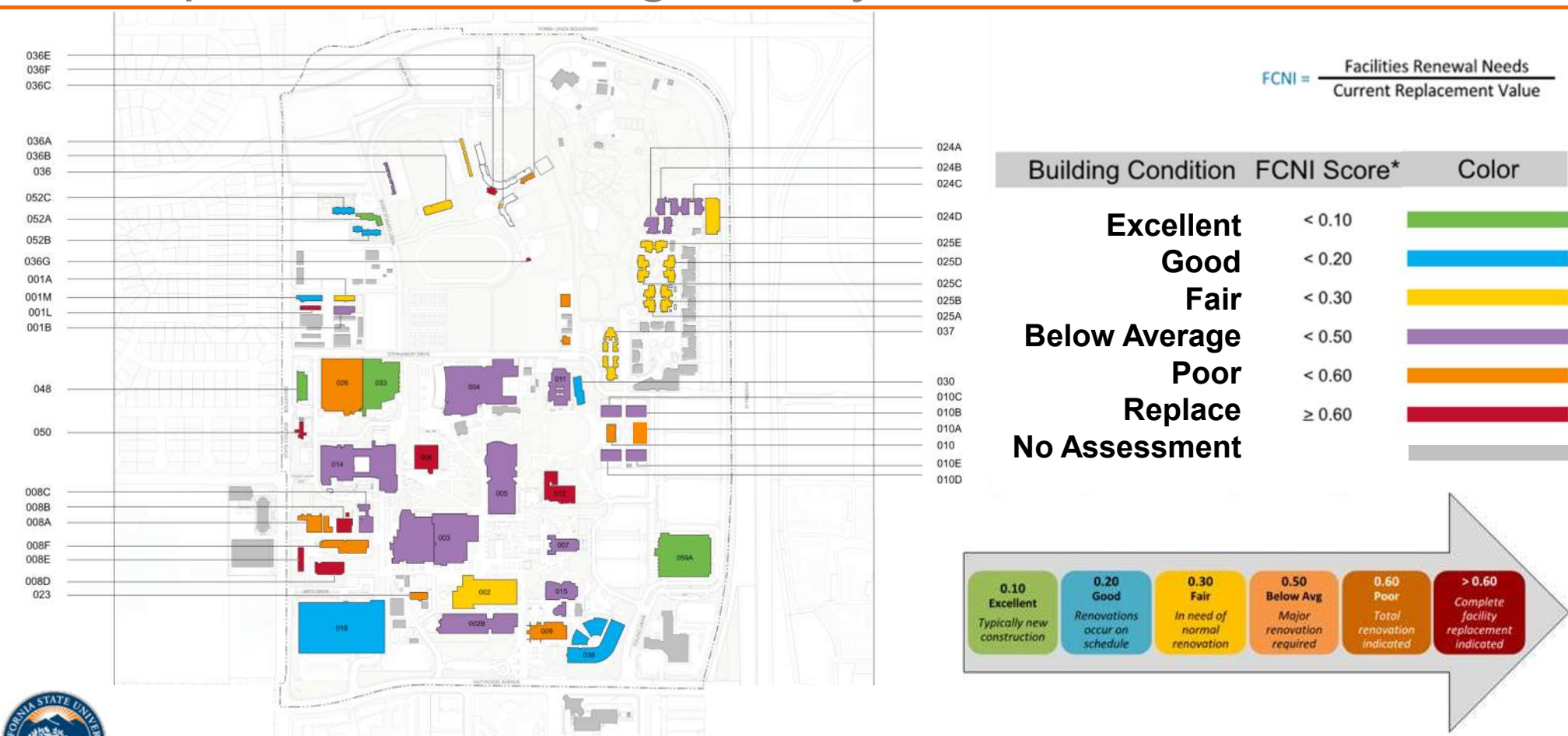
College (at Entry)		Gender		Parents Education		Underrepresented Status		Ethnicity	
All		All		All		All		All	
Cohort	Number of Students	Avg. HS GPA	Retained after 1 Yr	Retained after 2 Yrs	Retained after 3 Yrs	Grad in 4 Yrs or Less	Grad in 5 Yrs or Less	Grad in 6 Yrs or Less	
fall 00	2,657	3.18	79.7%	70.0%	64.7%	14.3%	37.2%	49.0%	
fall 01	2,772	3.20	78.4%	68.7%	63.8%	15.0%	38.6%	49.9%	
fall 02	3,292	3.16	80.1%	70.1%	65.2%	14.6%	37.8%	49.0%	
fall 03	3,100	3.22	81.1%	70.8%	66.1%	15.5%	40.5%	51.6%	
fall 04	3,542	3.23	82.1%	72.9%	67.8%	16.5%	40.7%	51.4%	
fall 05	3,820	3.21	77.9%	68.8%	63.8%	13.7%	37.8%	50.0%	
fall 06	3,737	3.19	78.7%	69.4%	64.3%	13.4%	39.6%	51.1%	
fall 07	4,042	3.18	79.4%	69.7%	65.9%	13.6%	40.4%	53.5%	
fall 08	4,519	3.20	80.2%	72.7%	69.0%	14.0%	42.2%	55.7%	
fall 09	3,845	3.27	84.4%	78.6%	74.4%	17.3%	46.9%	61.9%	
fall 10	3,749	3.27	84.9%	78.2%	75.0%	17.6%	54.0%	62.3%	
fall 11	4,091	3.37	88.2%	81.5%	77.8%	21.9%	48.8%	66.2%	
fall 12	4,419	3.39	88.5%	82.7%	78.2%	22.0%	55.6%		
fall 13	4,512	3.48	88.5%	81.9%	78.0%	22.6%			
fall 14	4,243	3.53	88.1%	81.7%	77.5%				
fall 15	4,287	3.57	88.7%	82.9%					
fall 16	4,274	3.58	87.3%						
fall 17	4,305	3.63							

NOTES:

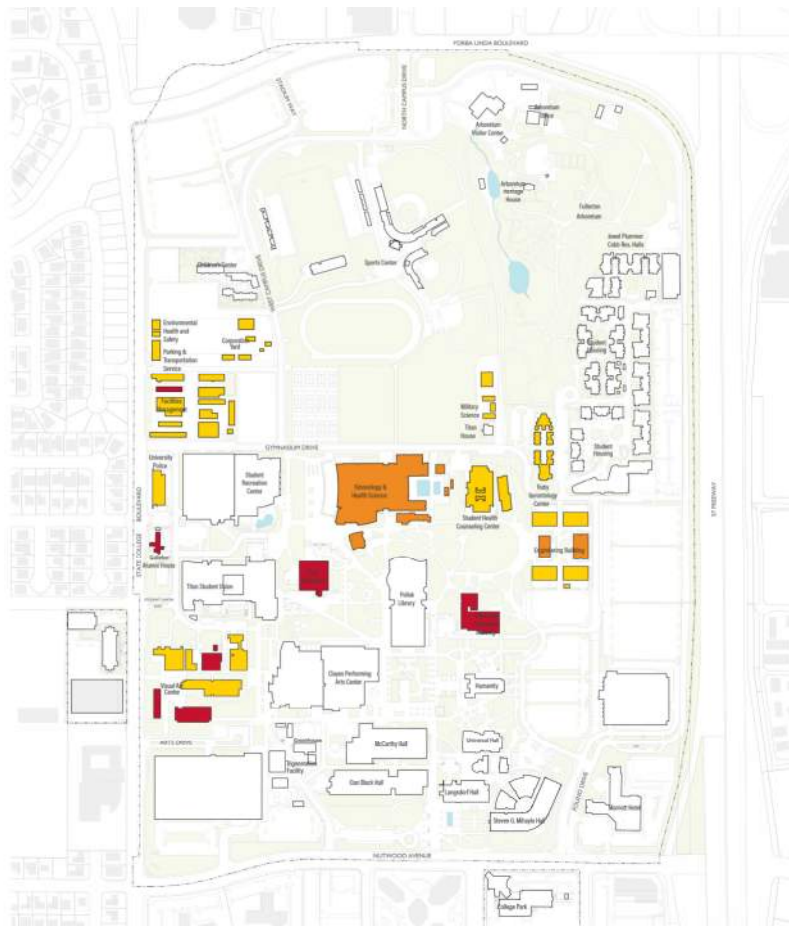
- Number of Students in cohort less than 15 show as * in the table above.
- Multi-race ethnicity category did not exist prior to fall 2009.






Campus Now: Existing Facility Conditions



Campus Now: Existing Facility Conditions



-  Complete Facility Replacement Indicated(Ranked below Poor)
-  Buildings with low FAR
-  Proposed Program Replacement



Campus Now: Site Opportunities and Challenges

ENERGY

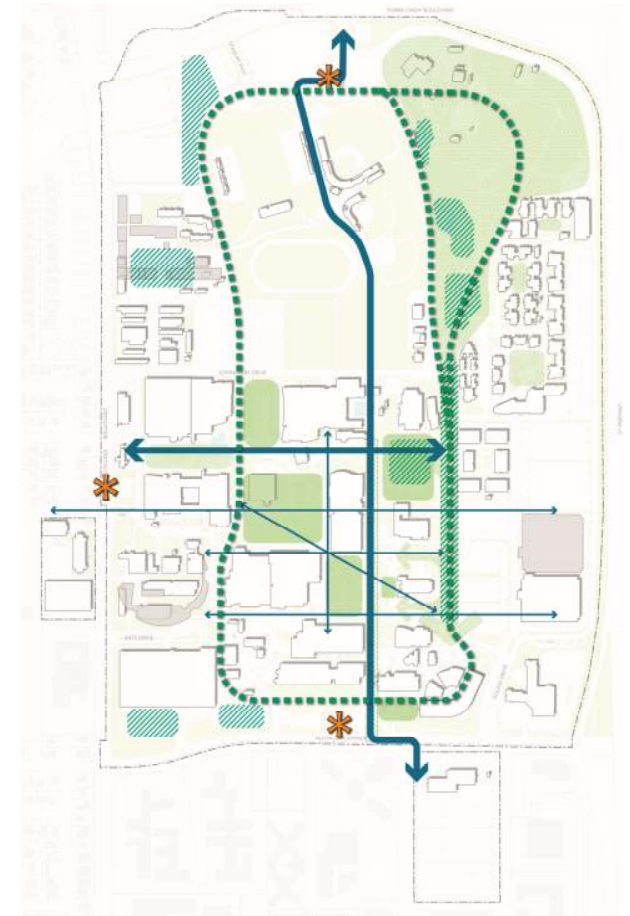
- TOTAL ENERGY CONSUMPTION 36.5 million kWh
- APPROX 56 acres of PV FOR ZERO NET ENERGY
- 24% COVERAGE OF CAMPUS AREA
- SETTING TARGETS FOR ON SITE GENERATION

STORM WATER

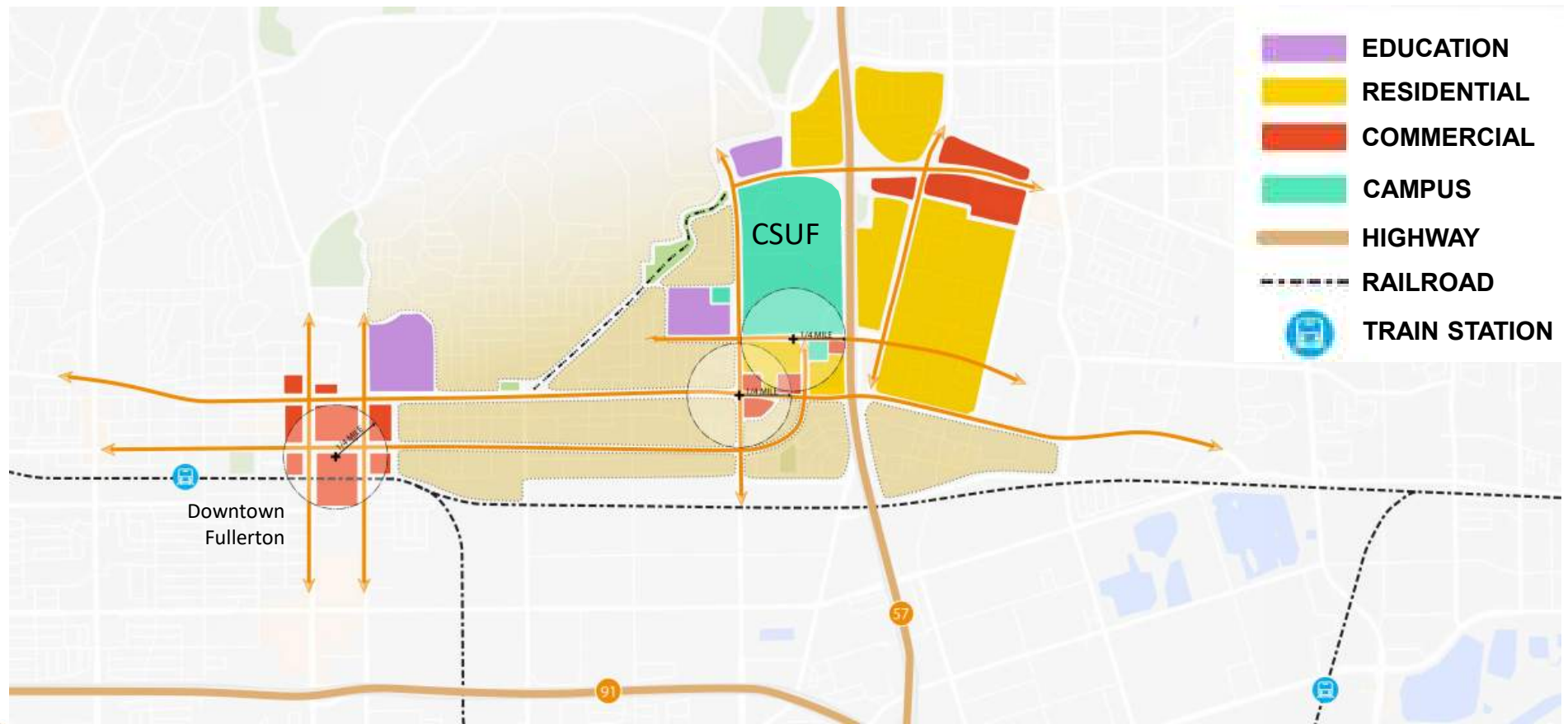
- MITIGATE EXISTING FLOODING

TRANSPORTATION

- PARKING CAPACITY
- TRANSIT HUB (OPEN AIR vs STRUCTURE)

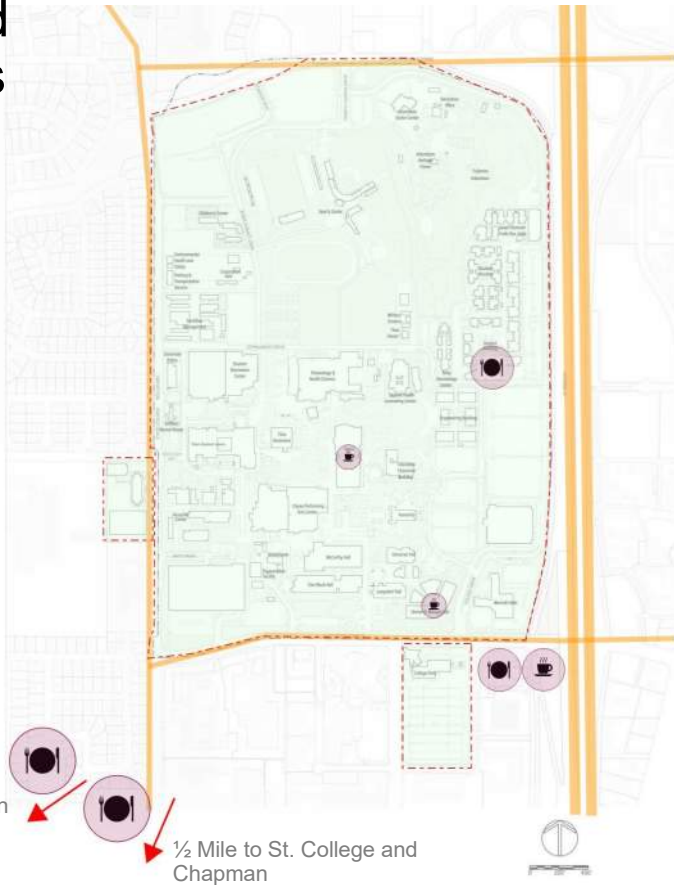


Community Context

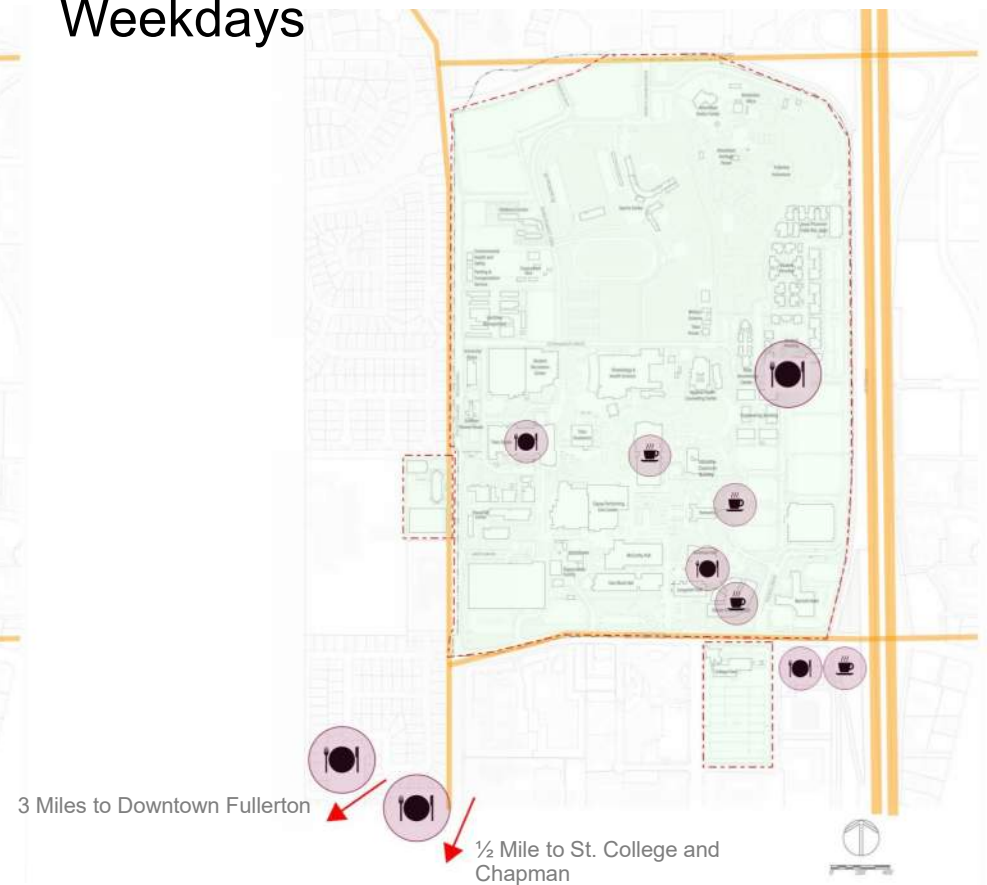


Campus Now: Dining/Food/Coffee

Nights and
Weekends

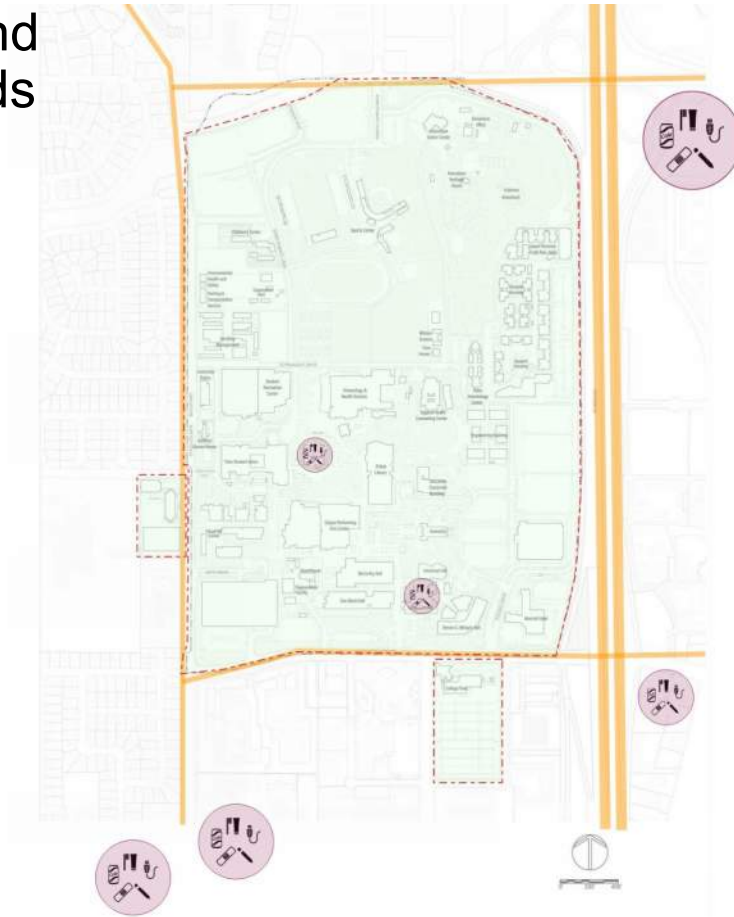


Weekdays

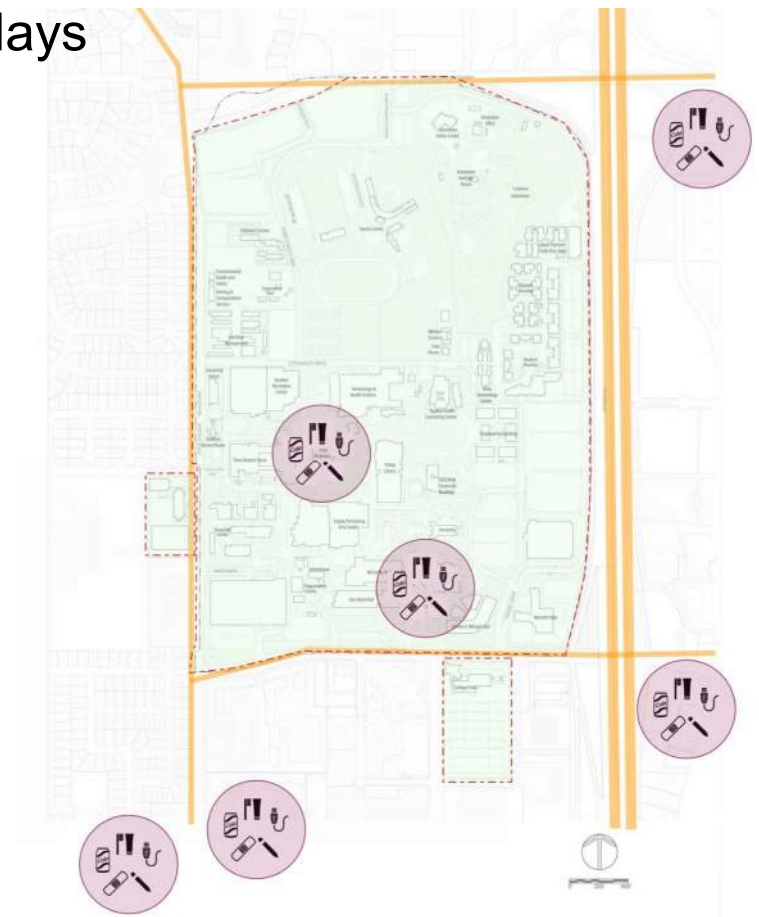


Campus Now: Amenities

Nights and
Weekends



Weekdays



2003

LEGEND

- Existing
- Under Development
- Proposed
- Major Development Path
- Road

Callouts:

- Children's Center
30,000 sq ft
- New Waterfront Pavilion
30,000 sq ft
- Parking Structure 2
1200 SPACES
- University Pool
Facility Maintenance
15,500 sq ft
- Student Recreation
20K
60,000 sq ft
- Basketball Expansion
9,000 sq ft
- Parking/Transportation Circulation Area
18,000 sq ft
- Parking Structure 1
200 SPACES
- Expanded Central Commons Floor
15,500 sq ft
- Academic
70,000 sq ft
- Student Housing
1,200 Apartments
600 Parking Spaces
- Biological Sciences
Expansion
10,000 sq ft
- Dining Facility
25,000 sq ft
- Future College of Engineering
Computer Science
Expansions
91,000 sq ft
- Faculty Staff Center
(Old Pt. Loma)
South
Academics
75,000 sq ft
- Composites
Parking Structure 4
2000 Spaces
Academic
70,000 sq ft
- College of Business
80,000 sq ft
- Natural Sciences Bldg.
- College Park Hotel & Office Space
150,000 sq ft
- Student Housing
300 Apartments
- Parking Structure 3
1000 Spaces
- Faculty/Staff Housing
200 Apartments

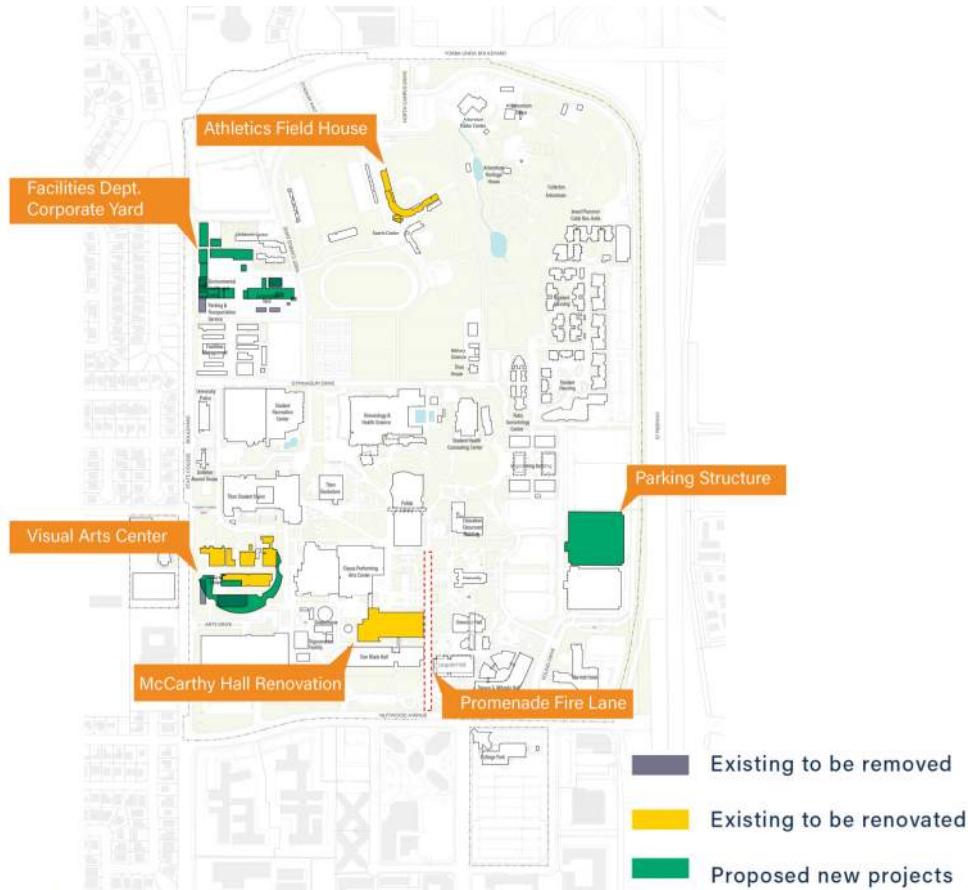
AC MARTIN PARTNERS
SEPTEMBER 2003

CSU FULLERTON
2003 MASTER DEVELOPMENT PLAN

- Titan Student Union Expansion
- University Police
- Student Recreation Center
- Children's Center
- Fullerton Arboretum Visitor Center
- Student Housing
- Gastronome
- Eastside Parking Structure
- Mihaylo College of Business and Economics



Campus Now: Current Planning/Construction Activities

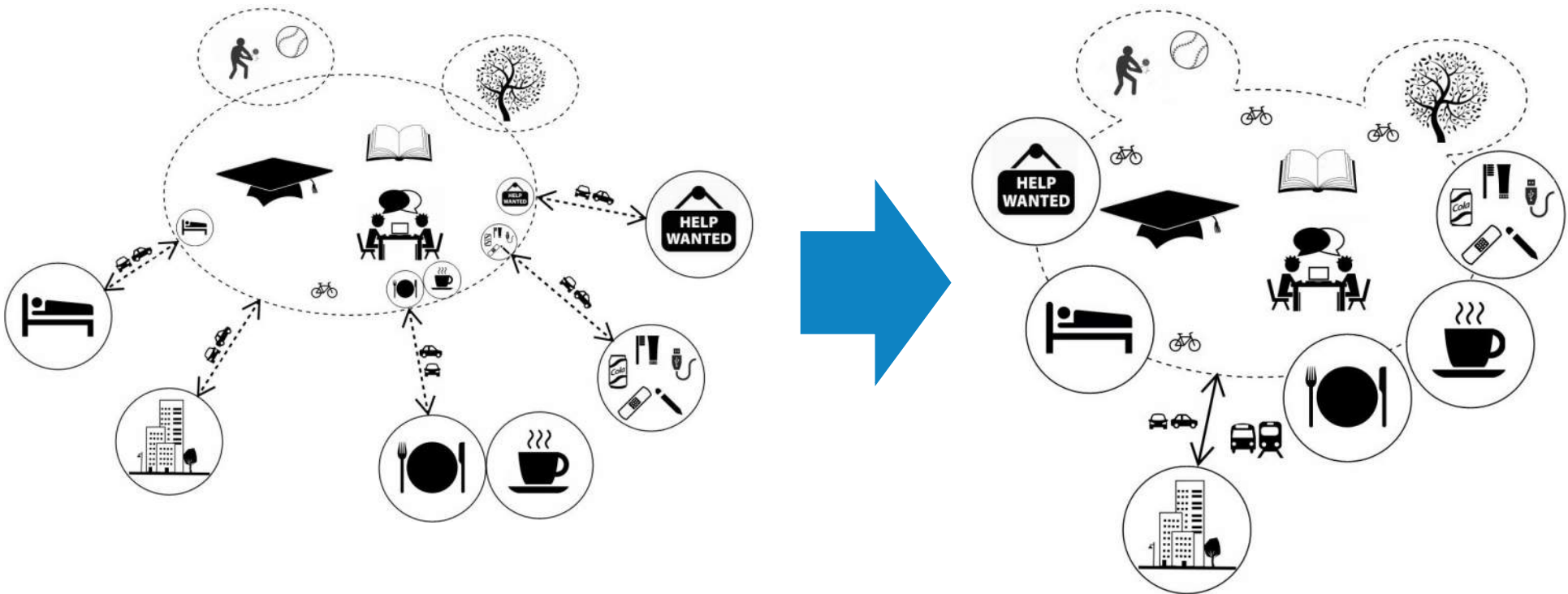


- Promenade Project
- Parking structure
- Arts complex
- Athletic Field House
- Feasibility study for Engineering
- McCarthy Hall Renovation
- Benchmarking/Market Studies



Campus Now to Campus Next: Considerations

August – Cabinet



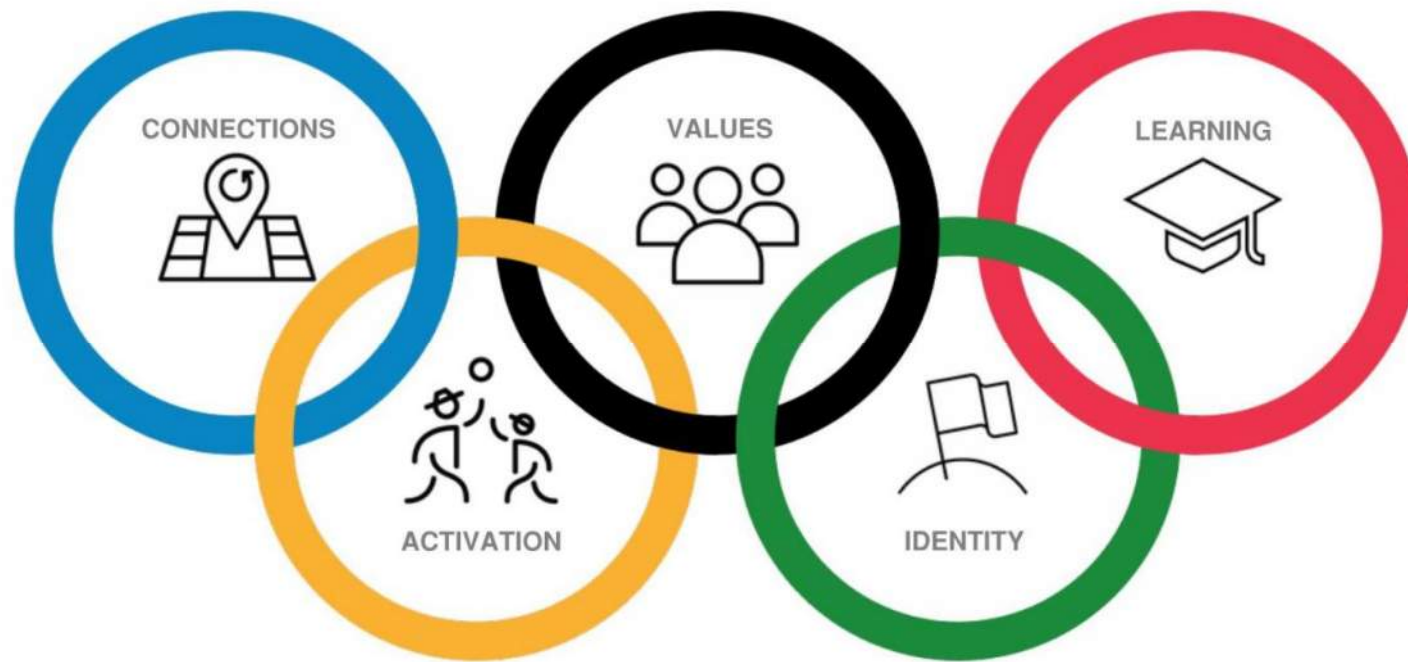
from Now...

to NEXT

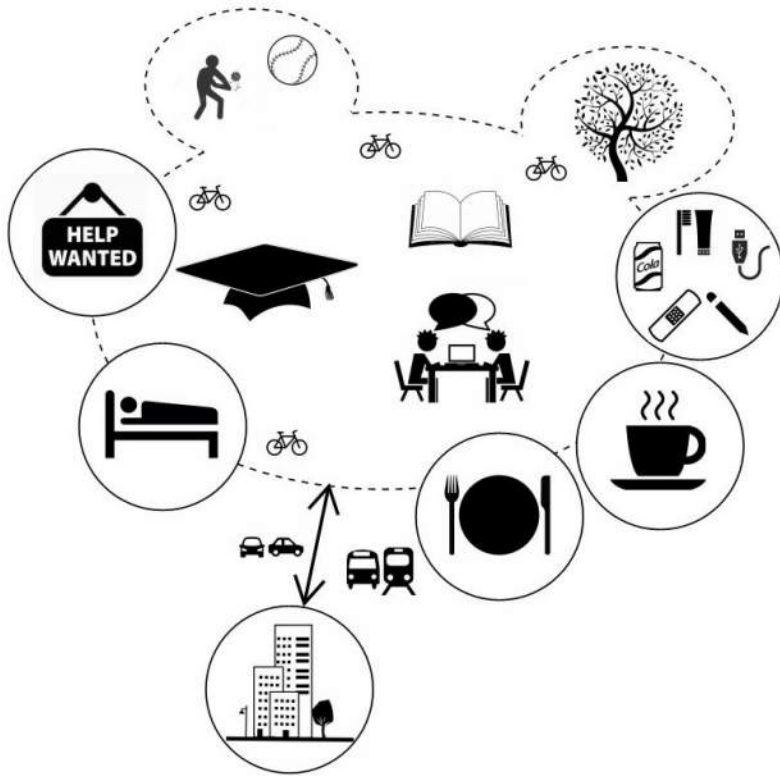


Flad Architects/ WRT Design/ Mode Associates/ AEI Affiliated Engineers/ KPFF Consulting Engineers/ Nelson Nygaard/ Atelier Ten/ Directional Logic

Campus Next: Criteria for Success



Campus Next: Proposed Strategies



Quantitative and Qualitative Strategies

- Growth (@ 1%)
- New Initiatives (Innovation Hub)
- Campus Life (Event Center)
- Mobility
- Connections to Buildings and Landscape
- Activation of Exterior Spaces
- Learning Opportunities Everywhere
- Student Life ON Campus



Growth, Enrollment and Graduation Rates

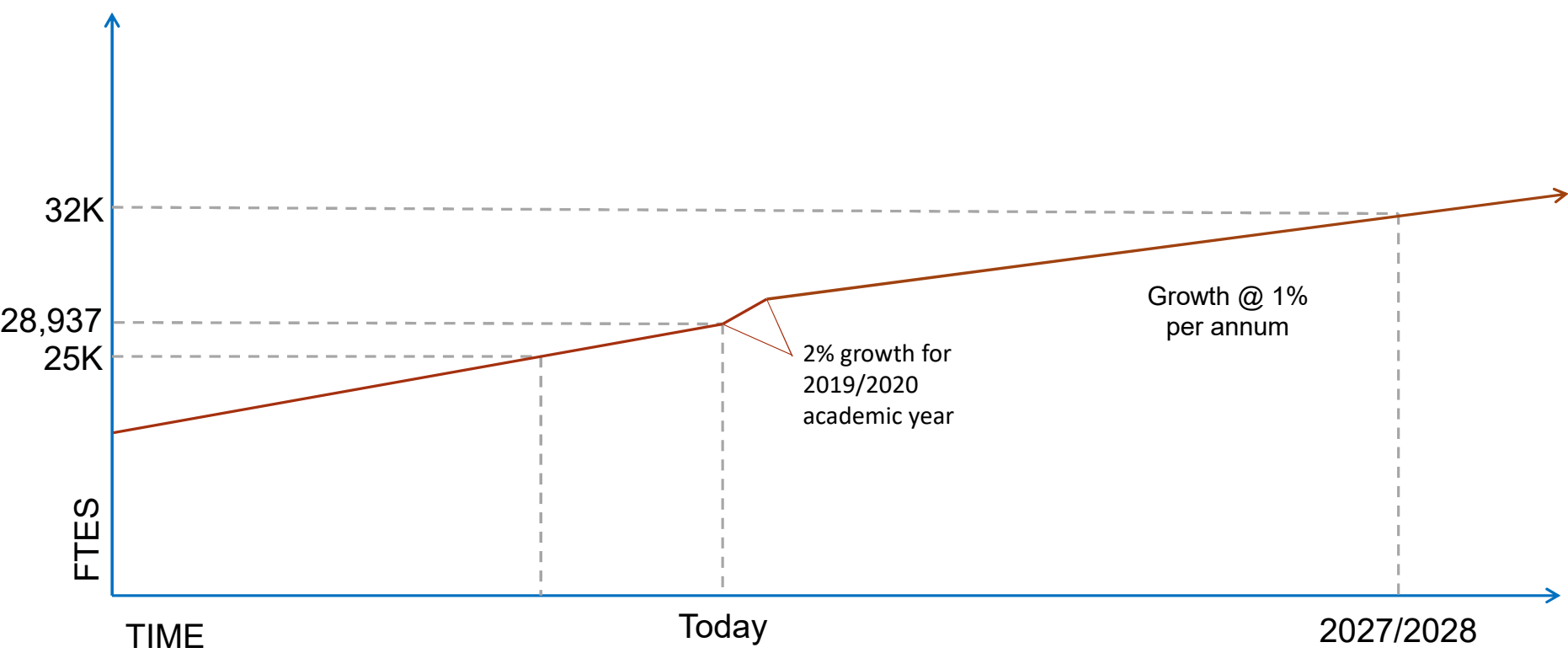


November/December – Cabinet

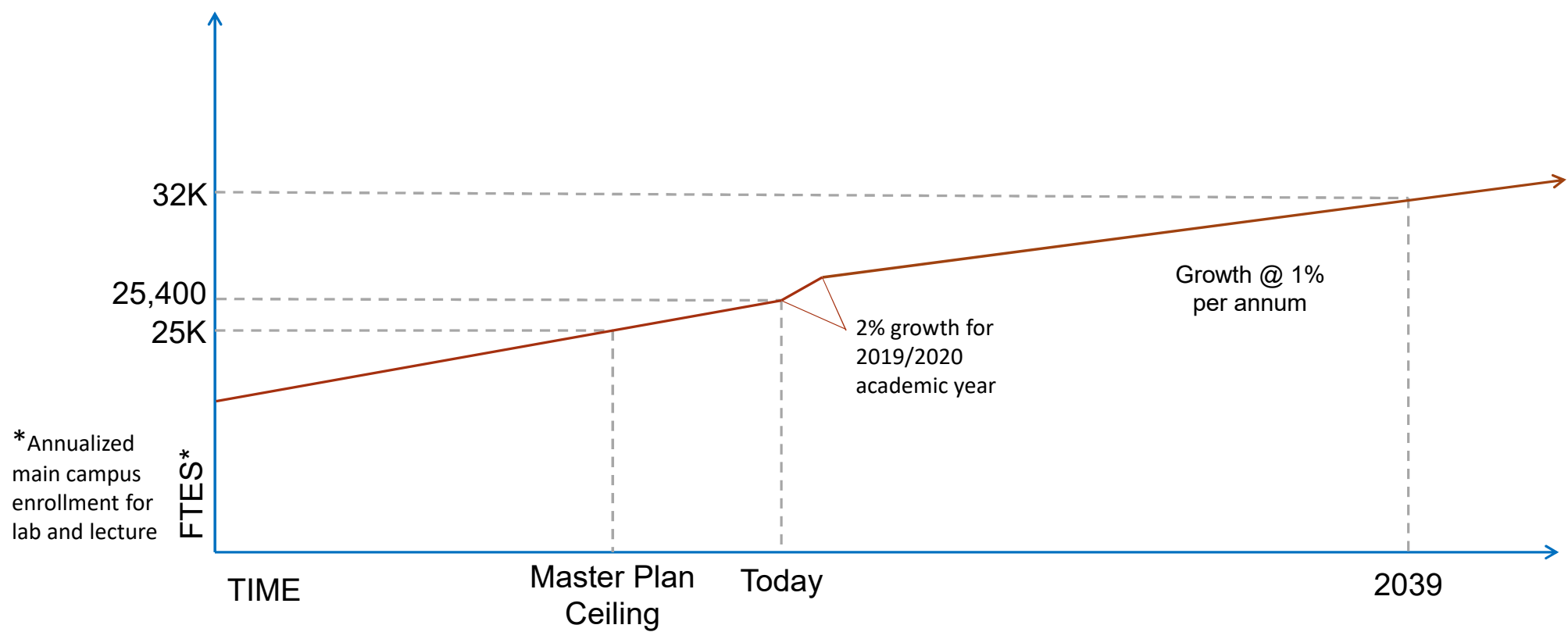
- 1. What is the desired FTES master plan ceiling by 2030?**
Aim to achieve an FTES ceiling of 32,000 of on-campus lab and lecture at the appropriate date based on 1% growth rate.
(a 2% growth rate is being used for the academic year 2019/20)
- 2. In what Colleges (and Disciplines) are growth or contraction planned through 2030?**
Assume even growth rate across all Colleges.



Campus Next: CSU Total FTES

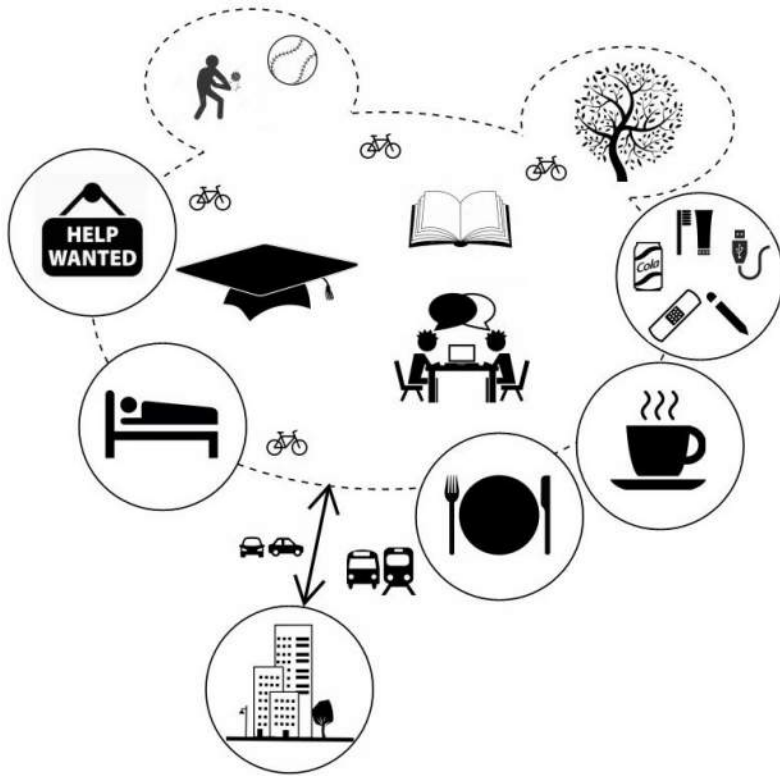


Campus Next: On-Campus Instructional Growth



Campus Next – Action Items to Consider

August – Cabinet



Programmatic Actions in the Master Plan to Support Student Success

- Housing
- Food and Amenities
- Informal Learning Spaces
- Research and Innovation Spaces
- Active Learning Spaces
- Arboretum Connection



Pedagogy – If, How and Where



November/December – Cabinet

1. Does the University wish to emphasize interdisciplinary pedagogy through problem based learning in its future while still maintaining college and departmental identity?

Yes. Additionally promote informal learning space types.

2. Does the University wish to promote itself as a place of research and innovation that takes aim at the Grand Challenges we face in the future?

Yes. Growth in Engineering in most pressing based on enrollment entitlement.

3. Shall the addition of an Innovation Hub or non-academic facilities be considered in the master plan development?

Include an Innovation Hub, and an Event Center that will replace the current gym (Kinesiology and Health Sciences)



Housing – If and How Much for Who



November/December – Cabinet

1. Shall the addition of housing be considered in the master plan development, and if so shall it consider student *and* faculty accommodation?

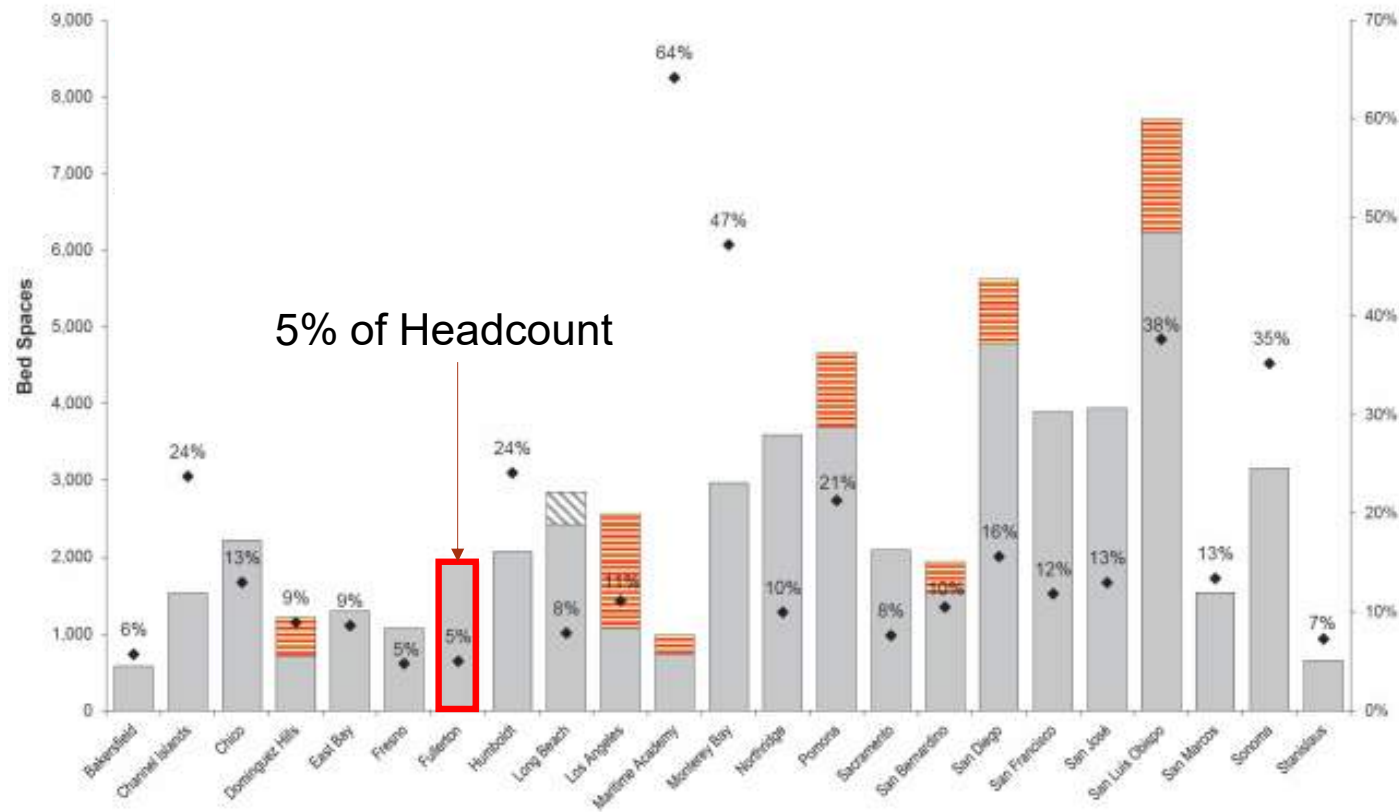
Yes to both. Consider growth in 1,500 bed increments.

2. Does the campus intend to implement programs to significantly address graduation rates, including implementing significant expansion of on-campus housing?

Yes, through Graduation Initiative 2025.



Campus Next: CSU Projected Housing Capacity

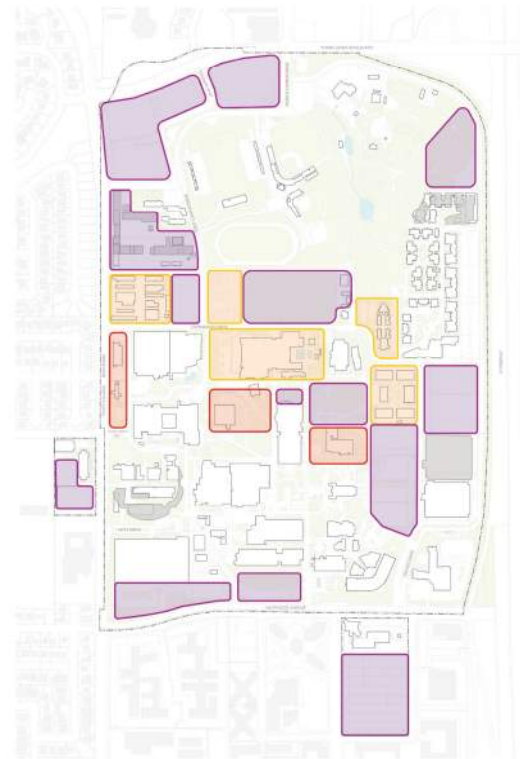


Campus Next: Framework Considerations

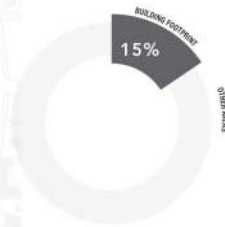
Existing Building Footprints



Available Areas to Accept Growth

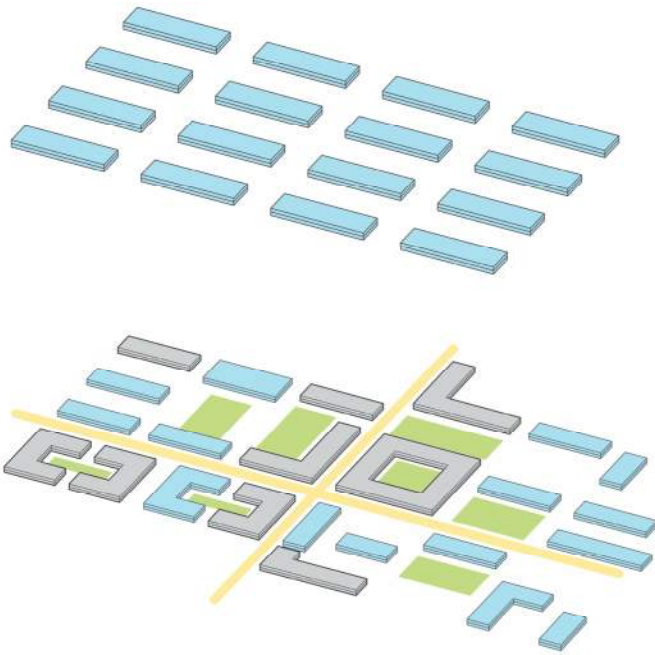


-  Currently Available (Surface Parking and Open Space)
-  Available after removing facilities in poor condition
-  Available after program replacement of one story buildings

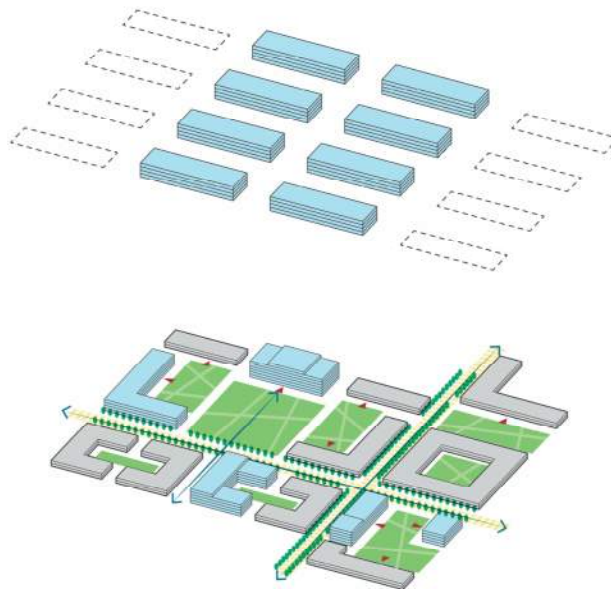


Campus Next: Development Density

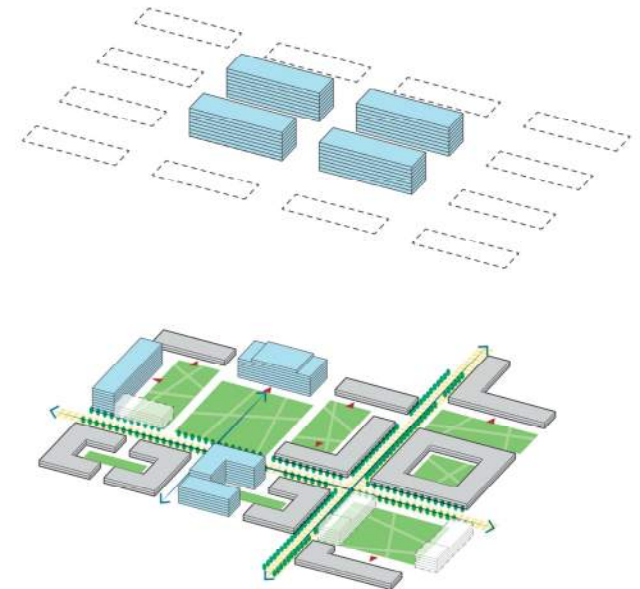
1 TO 2 FLOORS



4 TO 6 FLOORS

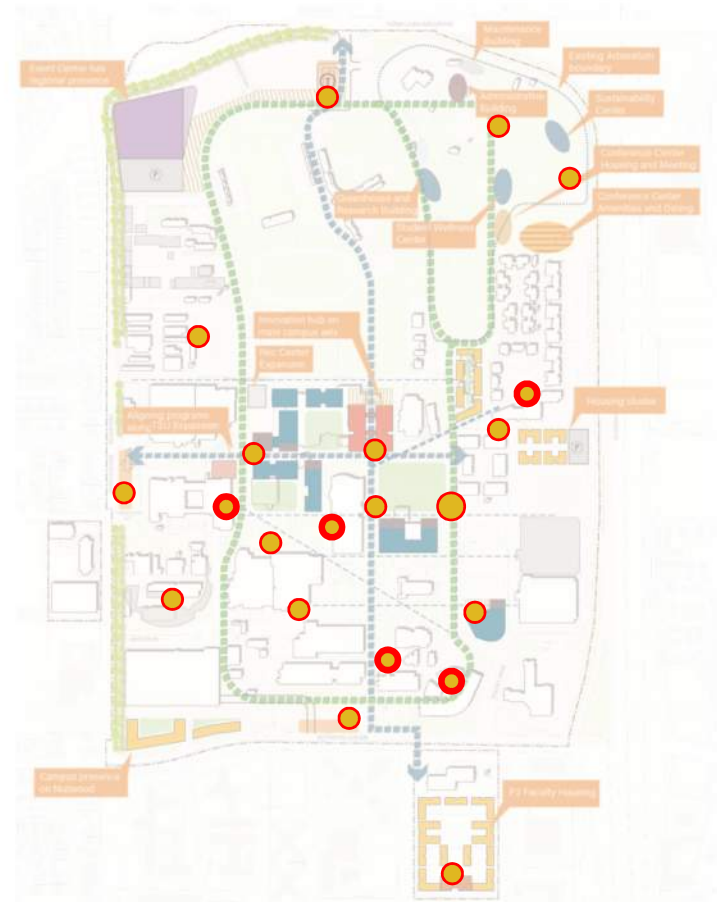


8 TO 10 FLOORS



Student Success

- Distributed food and amenities
 - Informal learning/ collaboration space
 - Meeting/ hang out locations
 - Spaces to be 24/7 accessible
 - Technology rich environment



Open Space Framework

Building upon what you have



Historic Loop

- Multi-use circulation loop- bikes, pedestrians, skateboards and carts
- Connecting all parts of the campus
- Creating an intimate inner core
- Active recreational loop
- Bio-diversity and ecology



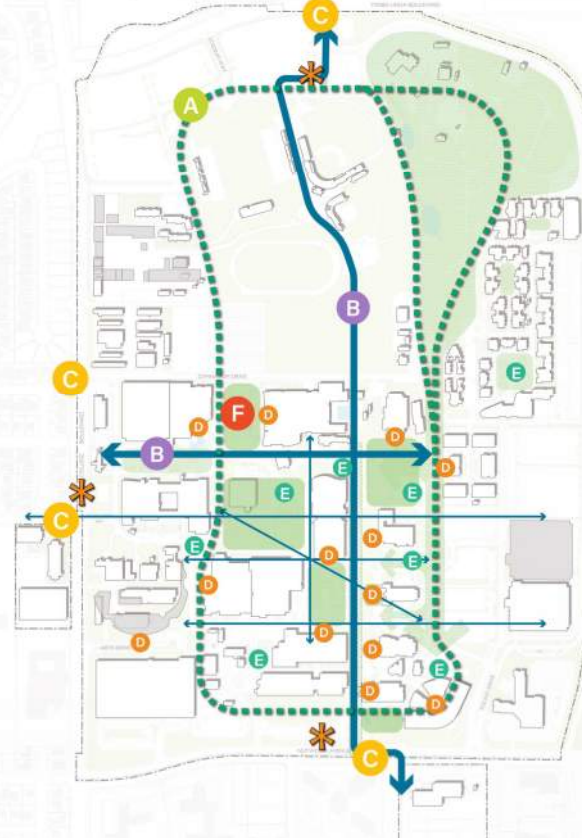
Campus Axis

- Pedestrian priority paths
- Direct connections between major uses: academic, library, transit, parking etc
- Paths with notable identity and character
- Well lit at nights and evenings
- Clear way finding elements



Campus Entry

- Aspirational symbol for students
- Creating inclusive campus presence with surrounding community
- Well marked and inviting perimeter
- Encouraging safety and security
- Opportunity sites for public art



Front Porch

- Front door of academic program
- Smaller intimate spaces
- Extension of ground floor amenity spaces
- Gathering spaces for students and faculty
- Outdoor study areas



Outdoor Study Area

- Fully equipped study areas spread around campus: tables, power outlets and hot spots
- Combination of quiet contemplative study zones to interactive group study areas
- Connecting students to their natural environment
- Fostering 24X7 campus life



Innovation Yard

- Complement Innovation hub programs
- Flexible space for creativity
- Outdoor maker's space
- Fostering interdisciplinary interaction



Arboretum

November/December – Cabinet



1. Shall the development of master plan options include consideration of the relationship between the arboretum and its physical relationship to campus?

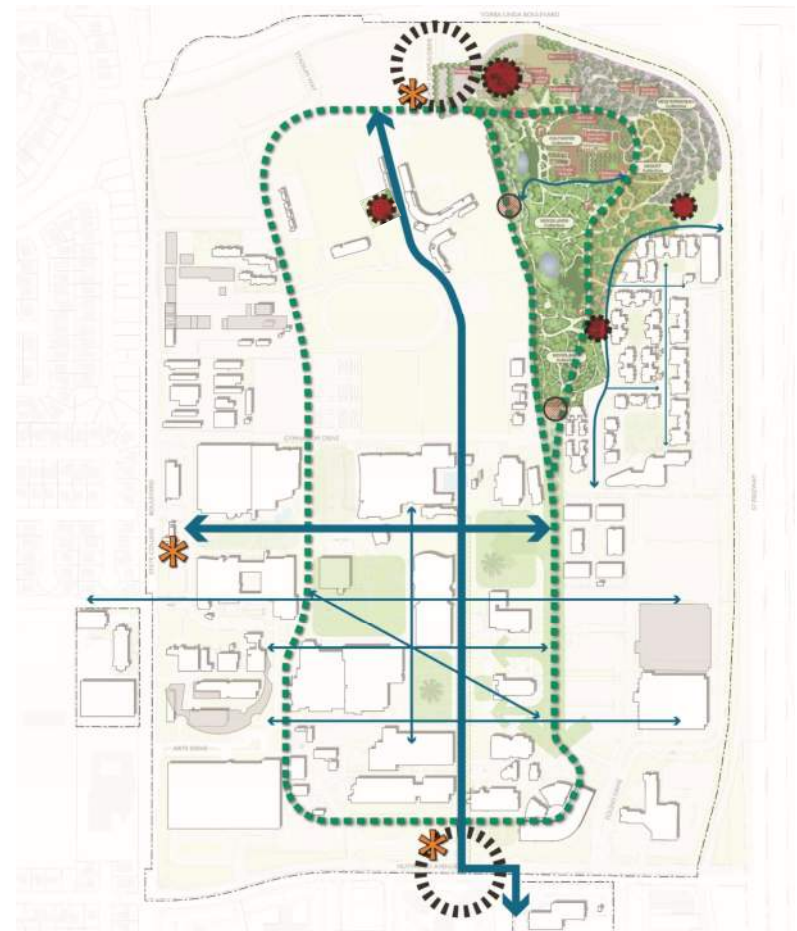
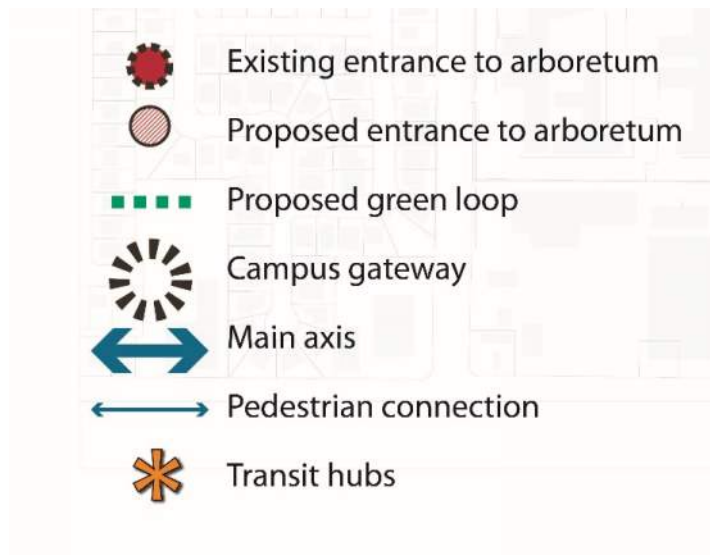
Yes, and review development options within the arboretum, considering CEQA implications.

2. What are the conditions of the lease and ownership structure that would need to change to modify the boundaries of the arboretum to make access improvements?

In 2020 the JPA ends and the arboretum will return to the campus.

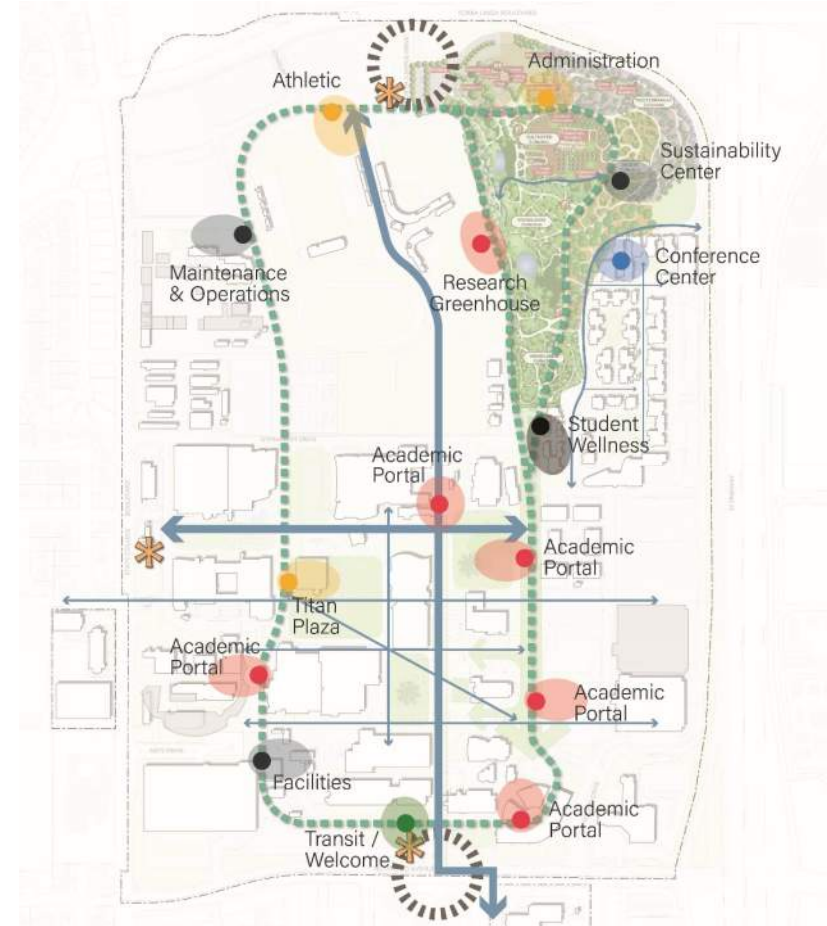
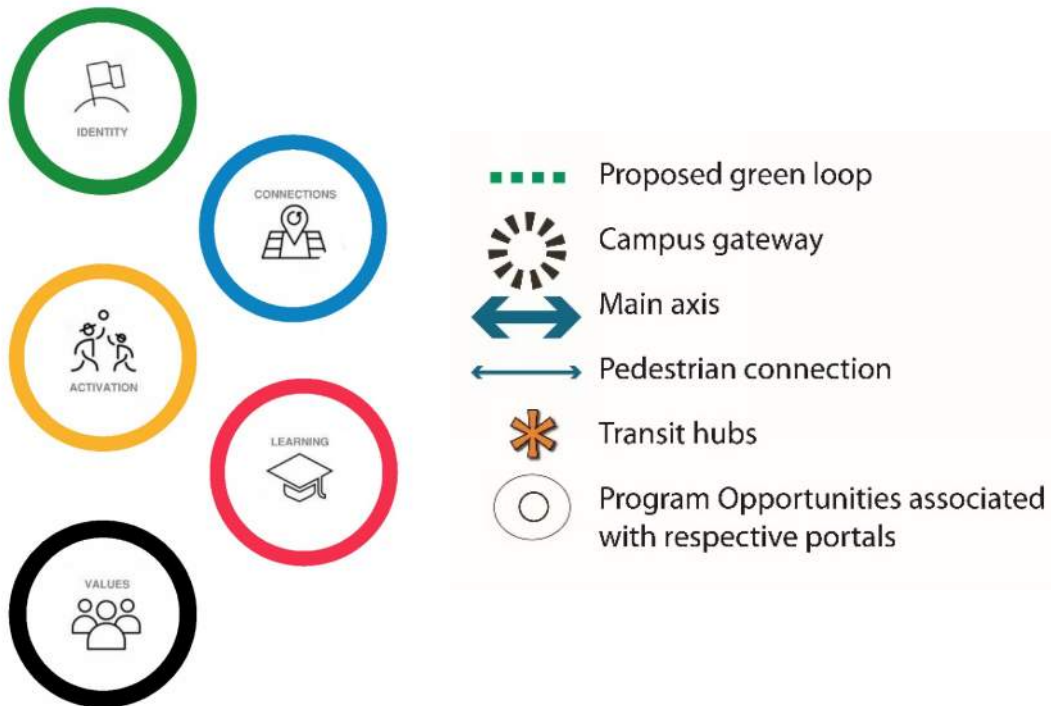


Campus Next: Framework - Arboretum

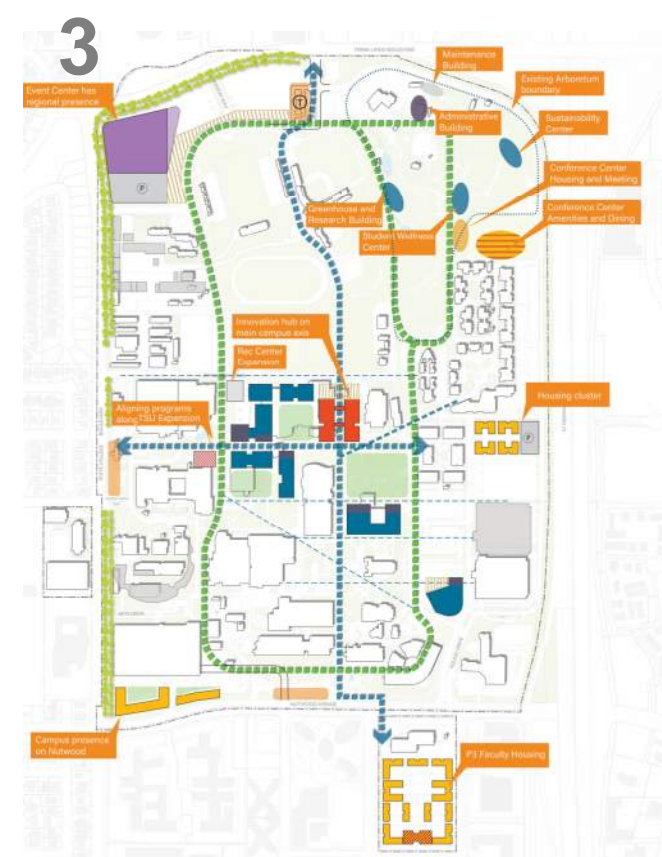
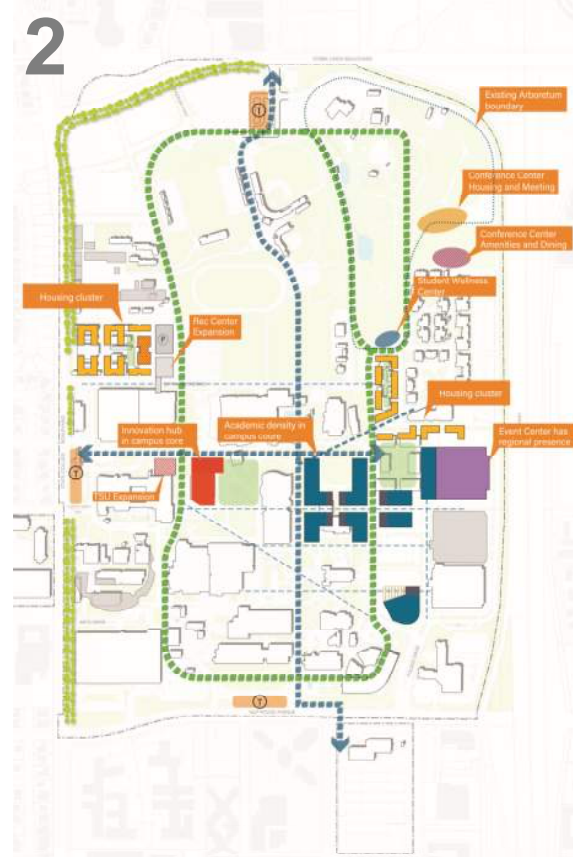
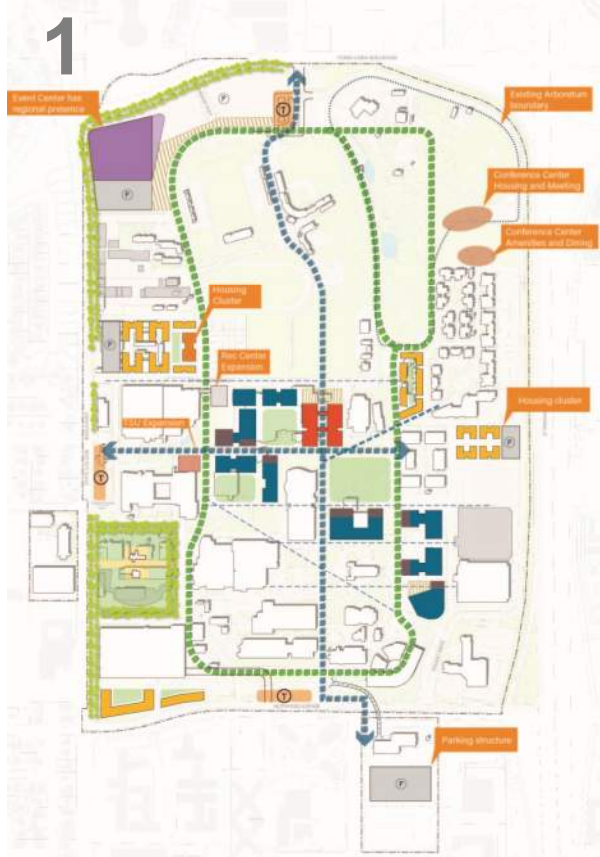


Campus Next: Near-Term Opportunities

HISTORIC LOOP PORTALS

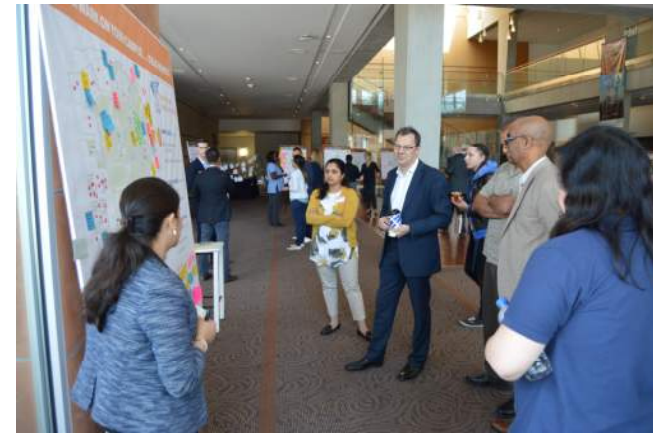
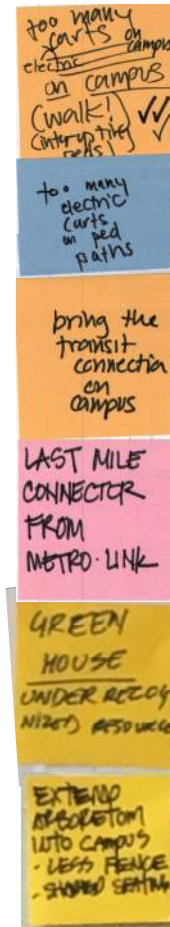


Campus Next: Scenarios (testing ideas)



Campus Next: We are here to collect your input!

FORUM | MAY 2018



Flad Architects/ WRT Design/ Mode Associates/ AEI Affiliated Engineers/ KPFF Consulting Engineers/ Nelson Nygaard/ Atelier Ten/ Directional Logic

Wrap-Up and Next Steps

Master Plan Framework Options

- Forum – April 10th - TODAY!

Single Master Plan Framework

- Late April – Task Force Committee
- Early May – Cabinet
- Office of the Chancellor
- REPORT
- Board of Trustee Review

