CONTRA COSTA COMMUNITY COLLEGE DISTRICT

Facilities Master Planning

SEPTEMBER 15, 2023

steinberg hart

AGENDA

01 Process + Planning Foundation

02 Context Setting

03 Physical Analysis

04 Engagement

05 Next Steps

INTRODUCTIONS

Meet the Team

Rob

Principal in Charge

Nicole

Senior Planner

Benedetta

Senior Planner

Jessa

Planner

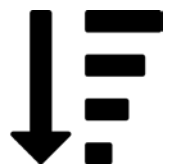**Jordan**

Designer

PROCESS

01

OUR TASK

 UNDERSTAND THE **WHY**, NOT JUST THE WHAT

 TRANSLATE THE STRATEGIC & EDUCATIONAL PLANS INTO A **PHYSICAL PLAN**

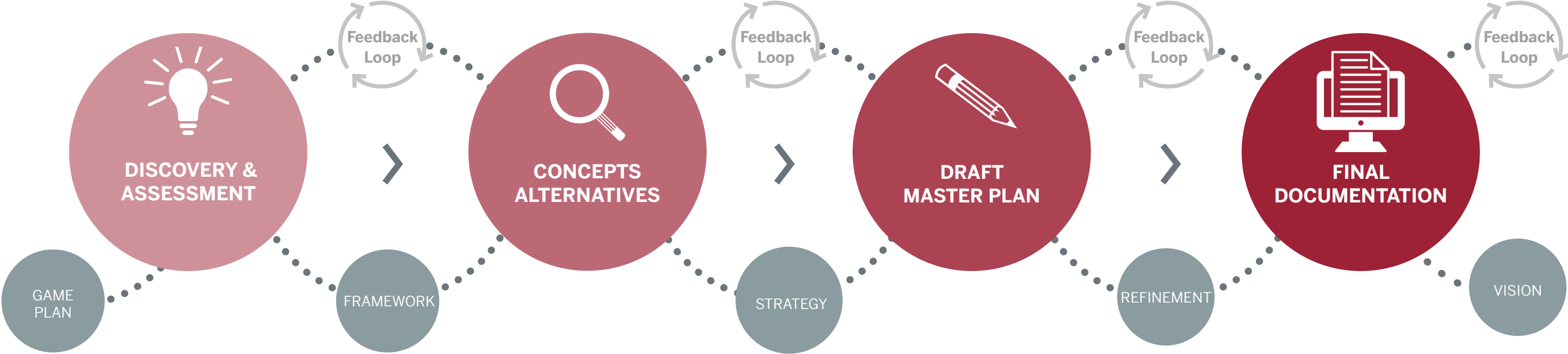 **SUPPORT** THE CAMPUS'S EVER-CHANGING NEEDS

 ESTABLISH A **FRAMEWORK** FOR IMPLEMENTATION THAT SUPPORTS DAY-TO-DAY DECISIONS
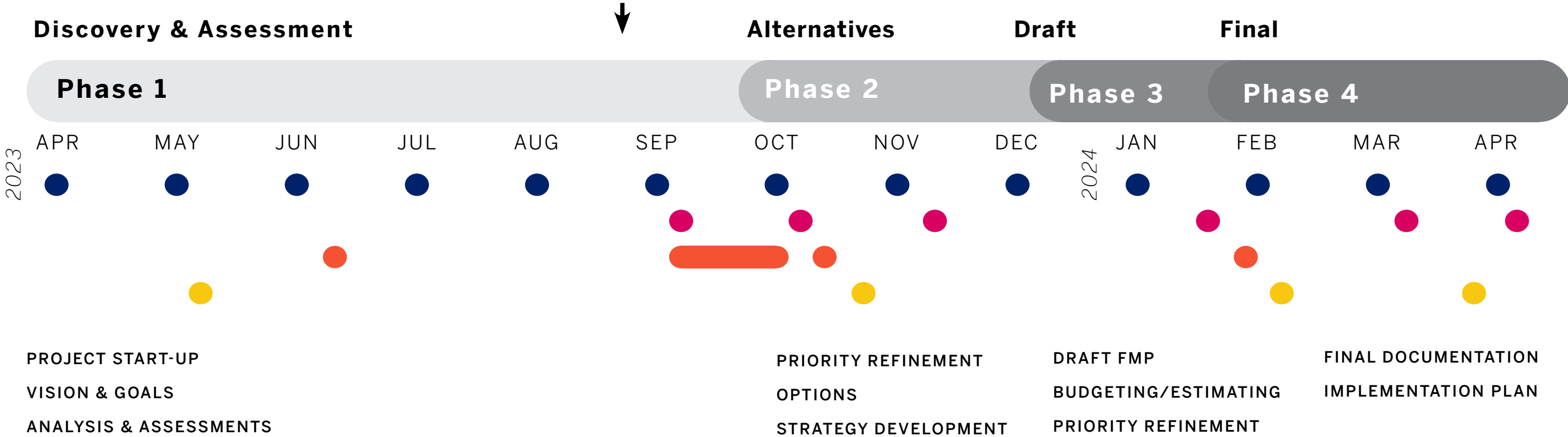
 MAXIMIZE STATE FUNDING

PROCESS

Four Phase Process

DISCOVERY & ASSESSMENT

Feedback Loop

CONCEPTS ALTERNATIVES

Feedback Loop

DRAFT MASTER PLAN

Feedback Loop

FINAL DOCUMENTATION

Feedback Loop

GAME PLAN

FRAMEWORK

STRATEGY

REFINEMENT

VISION

PROCESS

Timeline

Discovery & Assessment

Alternatives

Draft

Final

| Phase 1 | Phase 2 | Phase 3 | Phase 4 |

2023

| APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | 2024 JAN | FEB | MAR | APR |

PROJECT START-UP

VISION & GOALS

ANALYSIS & ASSESSMENTS

PRIORITY REFINEMENT

OPTIONS

STRATEGY DEVELOPMENT

DRAFT FMP

BUDGETING/ESTIMATING

PRIORITY REFINEMENT

FINAL DOCUMENTATION

IMPLEMENTATION PLAN

ENGAGEMENT

- *DISTRICT LEADERSHIP*
- *STEERING COMMITTEE (CORE)*
- *INVOLVED*
- *COLLEGE COMMUNITY (INFORMED)*
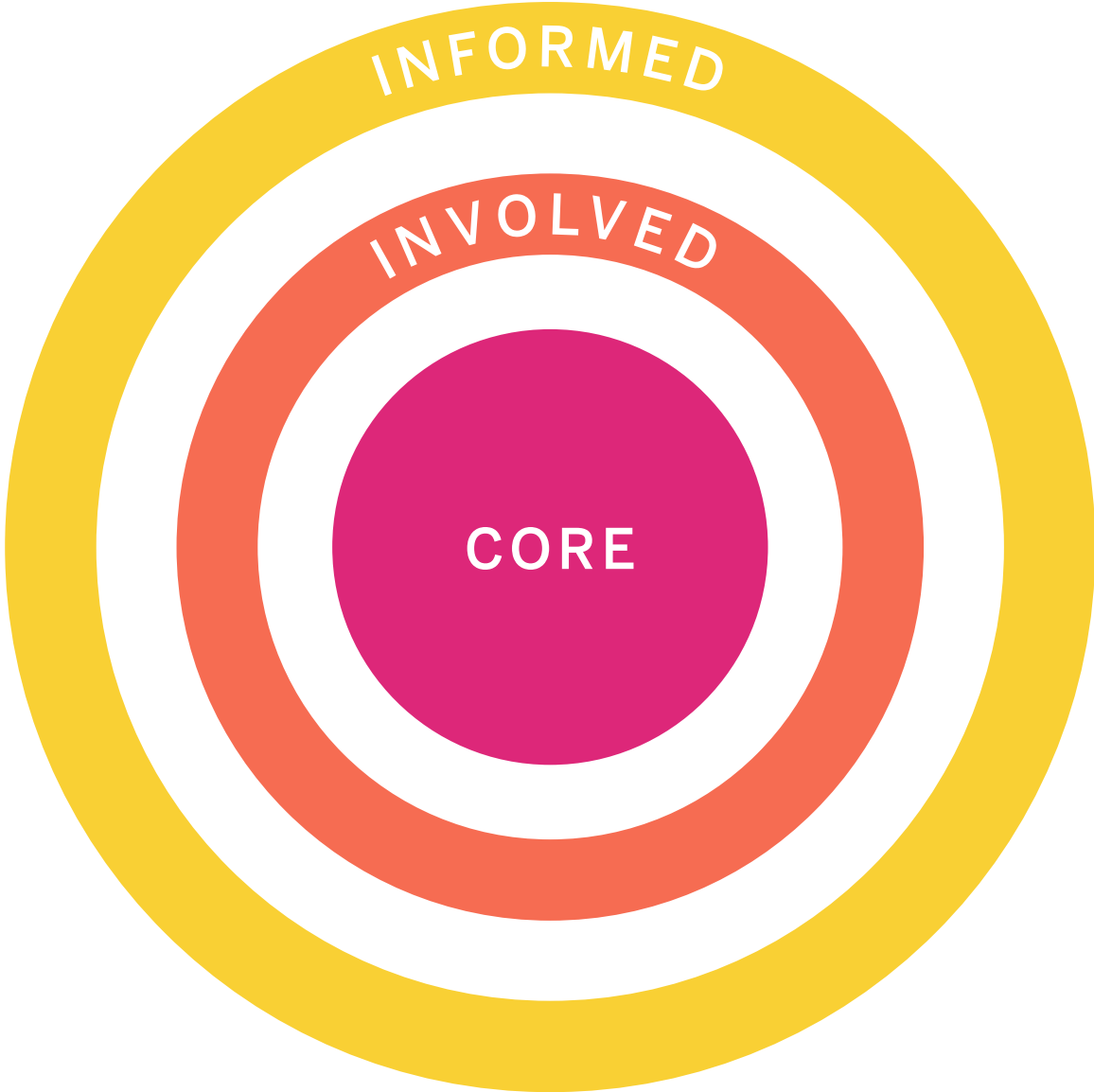
PROCESS

Stakeholder Groups

CORE

- Steering Committee
- President's Cabinet
- District Leadership

INVOLVED

- Presidents Council
- Academic Senate
- Classified Senate
- Associated Students

INFORMED

- Campus Community
- External Community
- Other Additional Stakeholder Groups

PROCESS

Stakeholder Groups

Who we've heard from so far:

- Student Services

- General Education Committee

- President's Cabinet

- IT

- Curriculum

- Police Services

- Math and Sciences

- Planning Committee

- Building and Grounds

- Library

- LMCAS

|	Stakeholder	Schedules Proposed	Confirmed Schedule
Senate	Academic Senate	Sept 11, October 16, Nov 27	rescheduled to October
Senate	Classified Senate	Sept 11, October 16, Nov 27	rescheduled to October
Senate	LMCAS	9/11 1-3pm	
Committee	Career Technical Education	9/12 1-2pm	
Committee	Equal Employment Opportunity (EEO)	9/12 3:30-4:30pm	
Committee	Teaching and Learning	9/12 2-3:30pm	[9/8] No Response
Committee	Shared Governance Council	9/13 or 9/27	
Committee	Distance Education	10/2 2:30-3pm	
Committee	Institutional Development for Equity & Access (IDE	9/21 2-3:50pm	reschedule to 10/19 (2:30-3:00)
Committee	Safety & Security	21-Sep	reschedule to 10/19 (3:30-4:00)
Committee	Strategic Enrollment Management	9/5 or 9/19	9/19 between 3:30-5:00 pm (3:45-
Committee	Sustainability	9/20 1:30-3pm	to be Rescheduled
Committee	Technology Advisory Group (TAG)	9/26 2-3pm	
Committee	Professional Development (PDAC)	9/28 1:00-4:00	schedule mismatch
Committee	Planning	7-Sep	9/7 2:30-3:00pm
Committee	Curriculum	September 6th & 20th	9/6 3:30-4:30 pm
Committee	General Education	August 23rd	
Other Groups	Presidents Council	August 30th	August 30th 10:30 - 2:00 pm
Other Groups	Campus Signage - Marketing & Media Design	9/26 10:00-11:00	
Other Groups	KAC & Gym (Athletics)		
Other Groups	Basic Needs Center		9/18 10:00-10:30
Other Groups	Brentwood Center		
Other Groups	Counseling		
Other Groups	Learning Communities		
Other Groups	Nursing		9/19 1:00-1:30
Other Groups	Performing Arts Center / Music		
Other Groups	Tutoring		
Other Groups	Veterans		
Other Groups	PIE		
Other Groups	Career Technical Education		
Other Groups	Student Union		9/12 10:00-10:30
Other Groups	College Complex - Instructional	April 9/13 11-12 ok	9/13 11:00-11:30
Other Groups	College complex - Operational	Bob - anytime	9/13 10:00-10:30
Other Groups	Child Development Center		9/14 11:00-11:30
Other Groups	SSLT		
Other Groups	Student Services (as a division)	August 16th 3:00pm	August 16th 4:00 - 5:00 pm

PROCESS

Planning Foundation

DISTRICT STRATEGIC DIRECTIONS 2020-2025

2035 DISTRICT-WIDE UPDATED SUSTAINABILITY GOALS
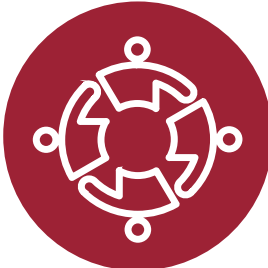
LMC VISION AND MISSION

LMC TECHNOLOGY MASTER PLAN 2022-2028
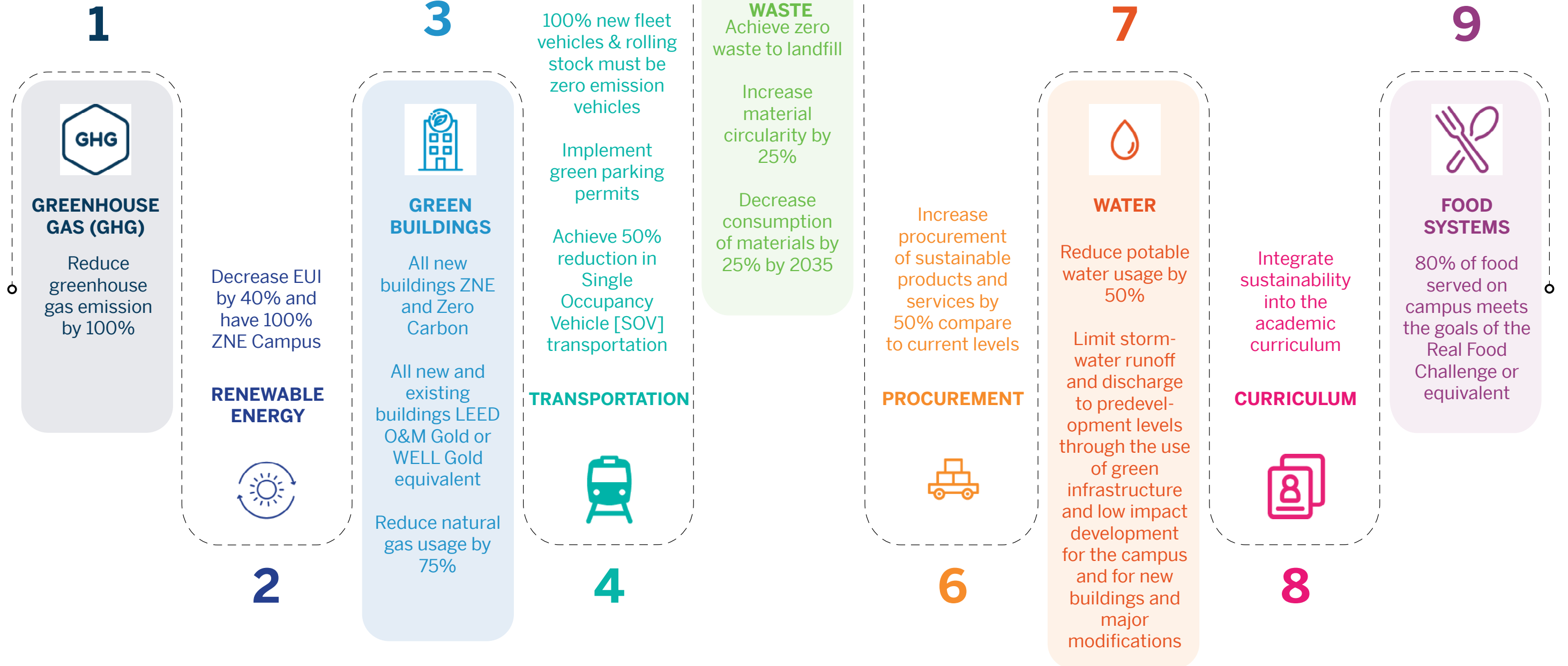
LMC EDUCATIONAL PLAN | GOALS

PLANNING FOUNDATION

District Strategic Directions 2020-2025

1. IMPROVE **STUDENT LEARNING** AND COMPLETION ACROSS DISTRICT COLLEGES

2. DECREASE **EQUITY GAPS** FOR ALL STUDENTS

3. ADVANCE EXISTING **COMMUNITY PARTNERSHIPS** AND CREATE NEW EDUCATIONAL COLLABORATIONS TO **STRENGTHEN STUDENT PATHWAYS**

4. CULTIVATE A CULTURE OF **ENGAGEMENT** THROUGHOUT THE DISTRICT

5. RESPONSIBLY, EFFECTIVELY, AND SUSTAINABLY **STEWARD DISTRICT RESOURCES**

*Source: District Strategic plan 2020-2025

PLANNING FOUNDATION

2035 Districtwide Updated Sustainability Goals

1

GREENHOUSE GAS (GHG)

Reduce greenhouse gas emission by 100%

2

Decrease EUI by 40% and have 100% ZNE Campus

RENEWABLE ENERGY

3

GREEN BUILDINGS

All new buildings ZNE and Zero Carbon

All new and existing buildings LEED O&M Gold or WELL Gold equivalent

Reduce natural gas usage by 75%

100% new fleet vehicles & rolling stock must be zero emission vehicles

Implement green parking permits

Achieve 50% reduction in Single Occupancy Vehicle [SOV] transportation

TRANSPORTATION

4

5

ZERO WASTE

Achieve zero waste to landfill

Increase material circularity by 25%

Decrease consumption of materials by 25% by 2035

Increase procurement of sustainable products and services by 50% compare to current levels

PROCUREMENT

6

7

WATER

Reduce potable water usage by 50%

Limit storm-water runoff and discharge to predevel-opment levels through the use of green infrastructure and low impact development for the campus and for new buildings and major modifications

Integrate sustainability into the academic curriculum

CURRICULUM

8

9

FOOD SYSTEMS

80% of food served on campus meets the goals of the Real Food Challenge or equivalent

PLANNING FOUNDATION

LMC Vision and Mission

Our Mission

Los Medanos College provides our community with equitable access to educational opportunities and support services that empower students to achieve their academic and career goals in a diverse and inclusive learning environment.

Our Vision

Los Medanos College will be a leader in providing innovative, dynamic, and equitable educational experiences, support services, and career opportunities that empower students and transform our community.

PLANNING FOUNDATION

Technology Master Plan 2022-2028

GOAL 1: STUDENT NEEDS & EQUITY

Utilize technology to improve equitable access and support student success

1.1. Ensure equity and inclusivity are incorporated in the implementation of technology for students

1.2. Provide seamless and integrated student services that support online learning

1.3. Provide a dedicated student IT help desk, with in-person and virtual help options

1.4. Use technology to improve student support tools such as orientation, self-check material, and resource access

1.5. Utilize technology to improve student access and success by increasing flexibility, collaboration, and available resources in a streamlined solution

1.6. Develop and implement a refined printing solution for students

GOAL 2: IT INFRASTRUCTURE & SUPPORT

Implement ongoing improvements to IT infrastructure, security, and support services in an equitable and sustainable method

2.1. Ensure that equity and inclusivity are incorporated in the implementation of technology for all faculty, classified professionals, managers, and IT professionals

2.2. Develop and implement a Total Cost of Ownership (TCO) process for all technology investments

2.3. Implement a Technology refresh plan that identifies ongoing investments

2.4. Develop and maintain a system for standards and records for technology-related hardware and software used across the college

2.5. Implement a centralized and accessible knowledgebase of college technology

2.6. Develop and improve college information and technology infrastructure to provide secure, efficient, and recoverable computing systems

2.7. Implement improvements to the IT Service Desk to support the growing needs of the college community

2.8. Improve and expand Wi-Fi access to support the growing number of devices accessing the college network

2.9. Improve support for specialized software and hardware across the college's instructional, student support, and operational departments

GOAL 3: TECHNOLOGY SUPPORT & RESOURCES

Enhance technology to improve security, support and resources for Instructional and Student Services

3.1. Develop and implement a centralized online academy to improve instructor training, resources, and student online GE completion

3.2. Improve technology infrastructure to provide secure, scalable, sustainable, and equitable access to technology

3.3. Develop and implement integrated approach to streamline software, licensing, and support resources across the entire college

3.4. Develop and implement a technology review process for new technologies

GOAL 4: TECHNOLOGY TRAINING & PROFESSIONAL DEVELOPMENT

Improve professional development for technology implementation

4.1. Develop a centralized training portal for all faculty, classified professionals, managers, and for IT professionals to improve the implementation of new technology

4.2. Improve training and support for technology tools used by students, faculty, classified professionals, managers, and IT professionals

4.3. Continue to implement technology training designed to enhance skills and data-informed decision-making that improves the LMC educational experience including instructional delivery, administrative processes, and communication strategies

4.4. Improve the methods and frequency of technology training

GOAL 5: DIGITAL COMMUNICATIONS

Develop and improve the digital communication infrastructure

5.1. Improve and maintain college website as a communication tool and information resource

5.2. Develop and implement unified communication infrastructure utilizing existing and emerging technologies

5.3. Implement an improved communication infrastructure across media channels and emerging technologies to enhance time-sensitive communication

5.4. Enhance Technology Infrastructure to support Institutional Safety efforts and support emergency preparedness and communications

PLANNING FOUNDATION

LMC Educational Plan | Goals

Increase and maximize equitable opportunities for students to successfully complete courses and programs.

To better support students in accomplishing their academic and career goals

1 **2** **3** **4** **5**

Strengthen a culture of equity, diversity, inclusion, and racial justice.

Increase opportunities that will prepare students to enter high-demand and living-wage occupational fields.

Effectively utilize institutional resources to meet the needs critical to the College mission.

Source: LMC Educational Master Plan | 2020-2025

CONTEXT SETTING

03

REGIONAL CONTEXT

County Map
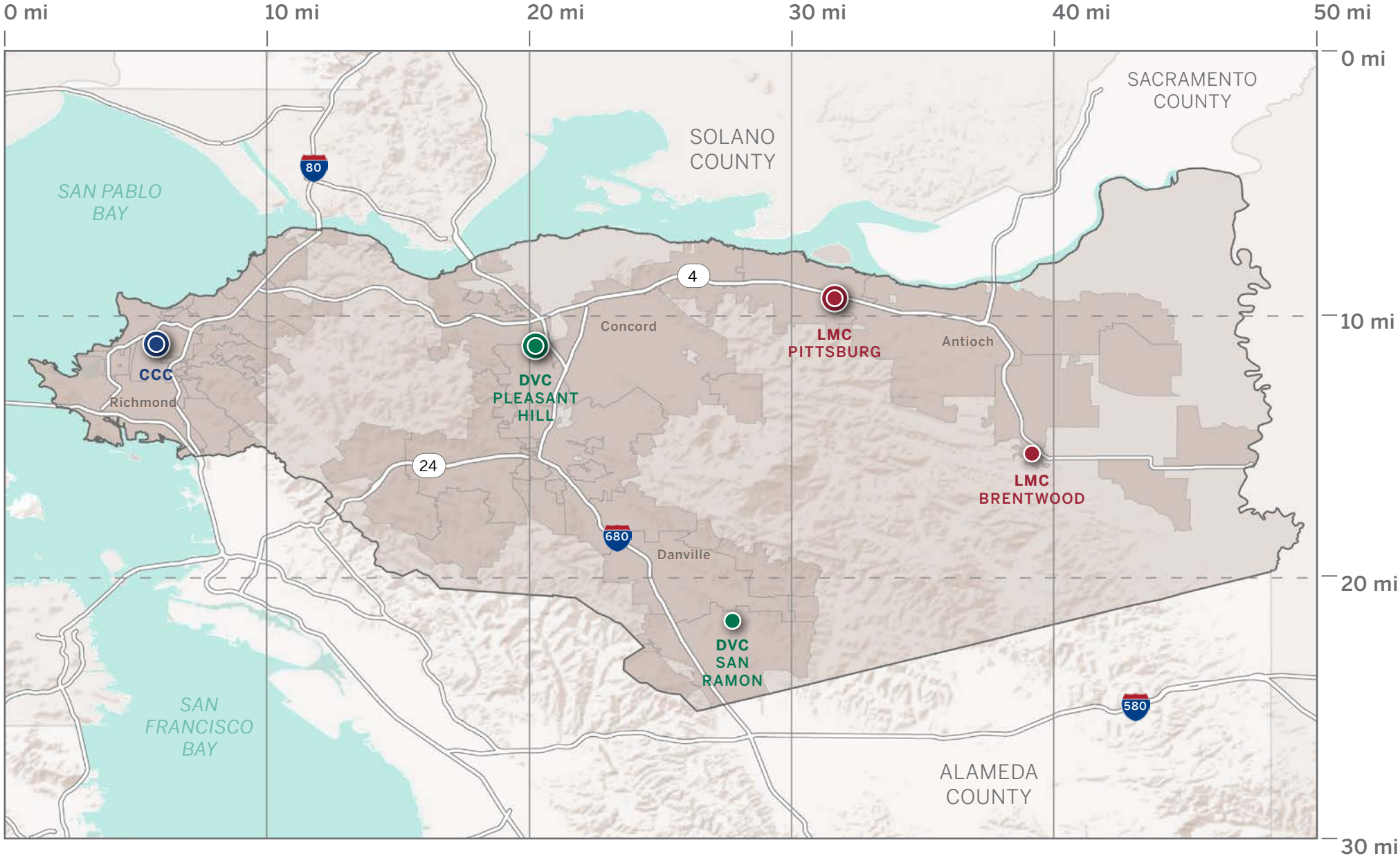
LEGEND

- Contra Costa County
- City Limits
- Contra Costa College
- Diablo Valley College
- Los Medanos College

Source: ESRI, USGS, NOAA

REGIONAL CONTEXT

Population

Population increase by 120K over 10 years

Millions

1.20

1.16

1.12

1.08

1.04

1.00

'12 '13 '14 '15 '16 '17 '18 '19 '20 '21
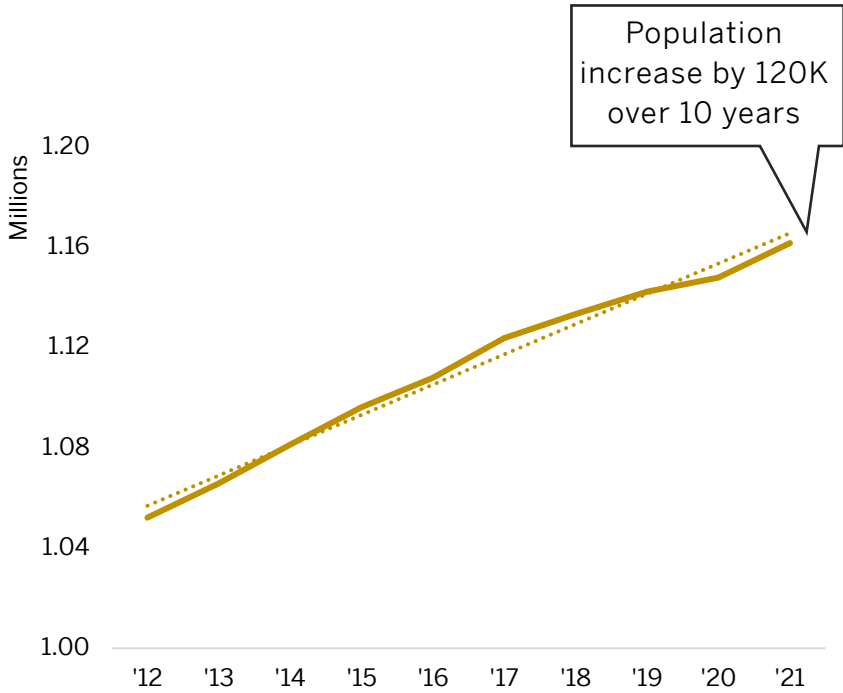
LEGEND

Population Density (per sq mi)

	< 500
	500-5,000
	5,000-7,000
	7,000-15,000
	> 15,000

SACRAMENTO COUNTY

SOLANO COUNTY

SAN PABLO BAY

80

4

24

680

SAN FRANCISCO BAY

ALAMEDA COUNTY

0 mi   10 mi   20 mi   30 mi   40 mi   50 mi

0 mi

10 mi

20 mi

30 mi

REGIONAL CONTEXT

Race & Ethnicity

- Contra Costa County's population has diversified over the past decade, with significant increases in the number of Asian, Hispanic/Latinx, and multiracial residents.

Race/Ethnicity	Population (2012)	Population (2022)	% Total Pop (2022)
White	501,893	462,252	40%
Black or African-American	94,472	97,612	8%
Native Hawaiian or Pacific Islander	4,631	5,372	<1%
Hispanic/Latinx	263,972	310,805	27%
American Indian, Alaska Native, or Other	8,042	10,308	1%
Asian	148,403	208,682	18%
Two or More Races	44,683	66,382	6%

Percent Change since 2012

Bar chart values: -7.9%, 3.3%, 16.0%, 17.7%, 28.2%, 40.6%, 48.6%

Source: U.S. Census Bureau, American Community Survey 2012-2022 (1-Year Estimates)
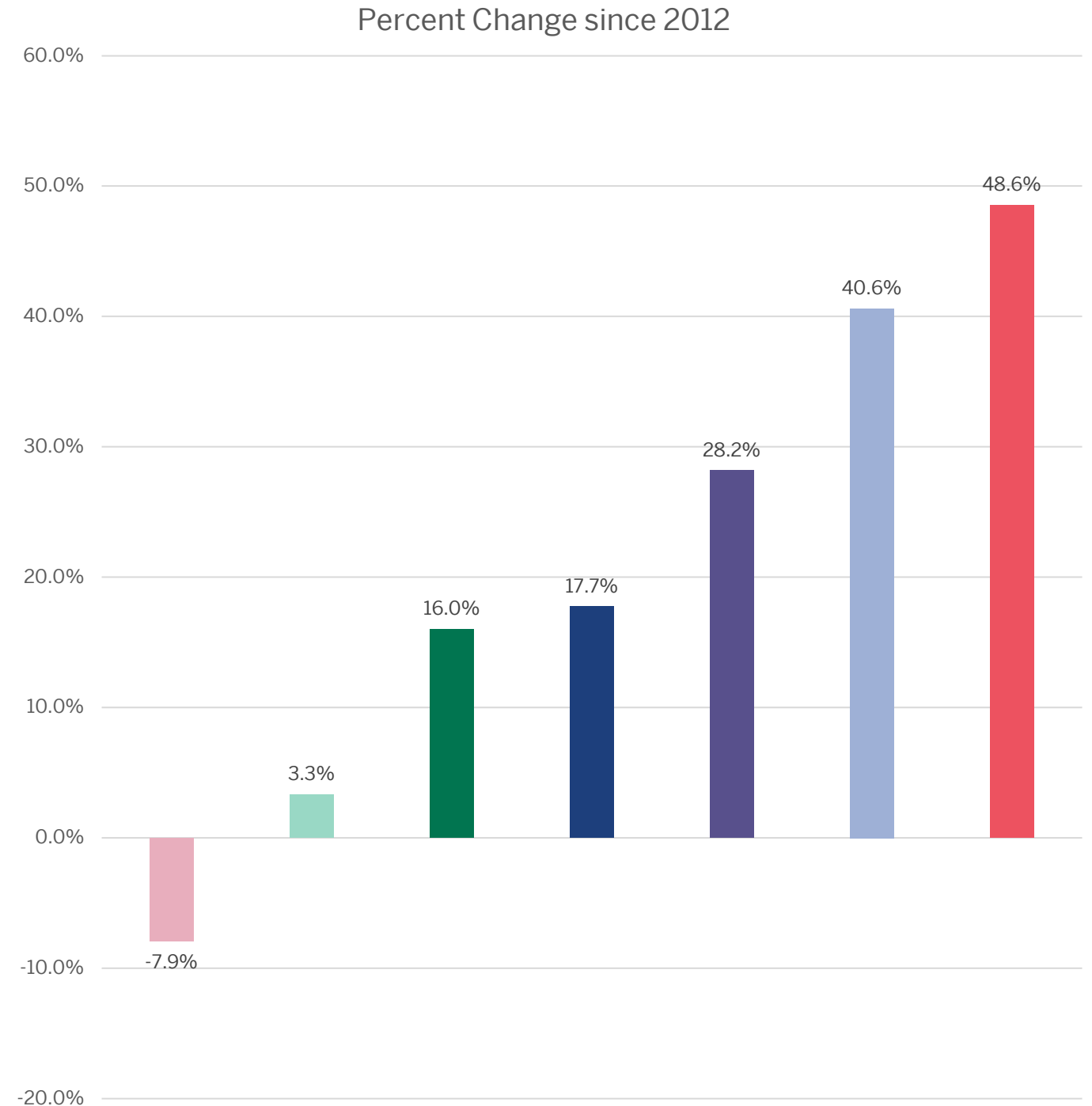
REGIONAL CONTEXT

Median Household Income

- County-wide Median Household Income is **$103,997,** the 6th highest of nine Bay Area counties.

LEGEND

Median Household Income

- ☐ < $75,000
- ☐ $75,000-$100,000
- ☐ $100,000-$150,000
- ☐ $150,000-$200,000
- ☐ > $200,000
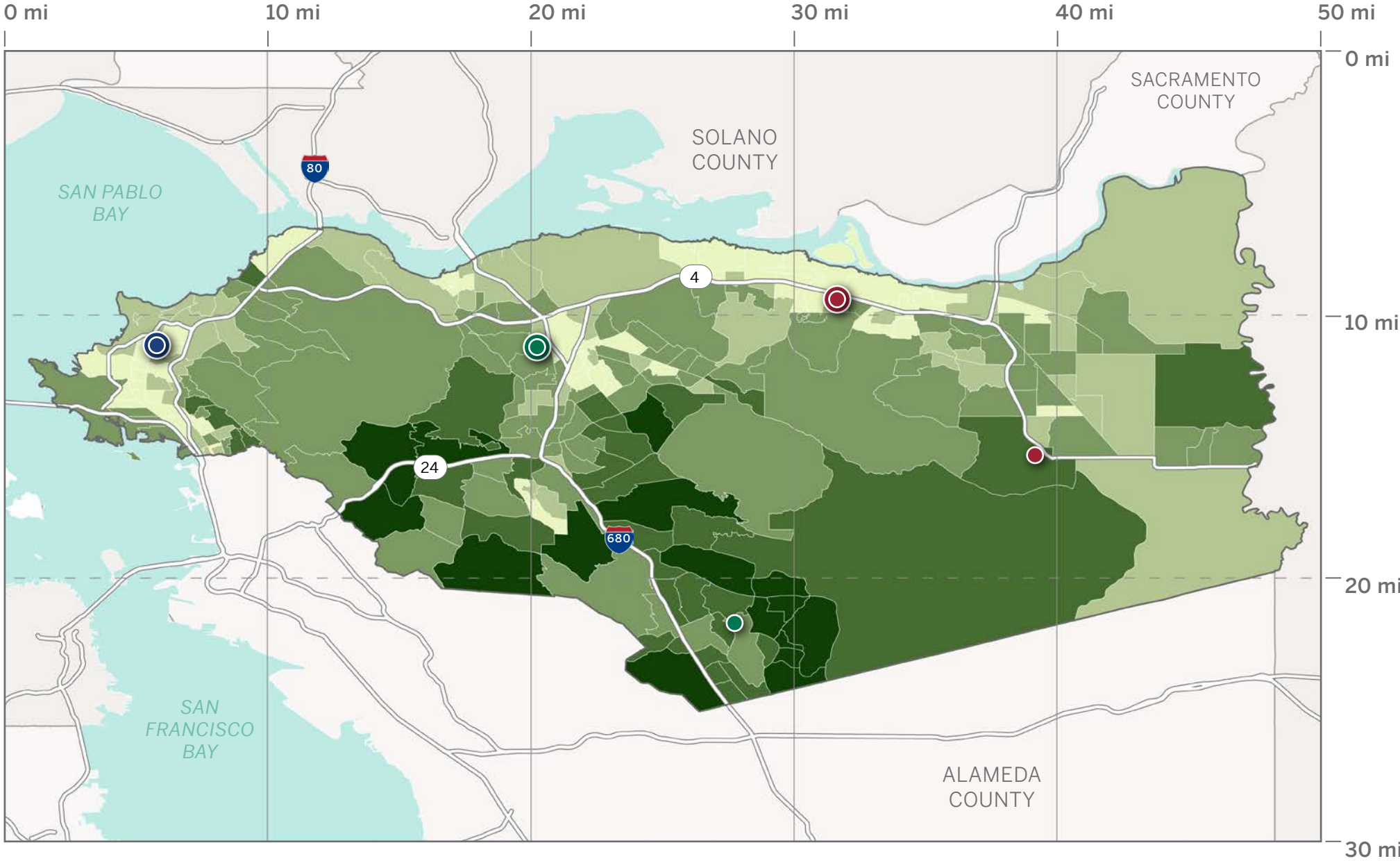
Source: U.S. Census Bureau, American Community Survey 2020 (5-Year Estimates)

REGIONAL CONTEXT

Jobs & Industry Data

The top growing industries with high concentrations of jobs in Contra Costa include:

- **Education & Health Services**
- Leisure & Hospitality
- Trade & Transportation
- Mining, Logging & Construction
- Other Services

LEGEND

Bubble Size indicates number of jobs,

- Growing Industries/High Concentration
- Growing Industries/Low Concentration
- Declining Industries/High Concentration
- Declining Industries/Low Concentration

Location Quotient

Financial Activities

Mining, Logging & Construction

Trade & Transportation

Education & Health Services

Other Services

Leisure & Hospitality

Government

Professional & Business Services

Farm

Manufacturing

Information

-100%   -50%   0%   50%   100%

Percent Change in Employment
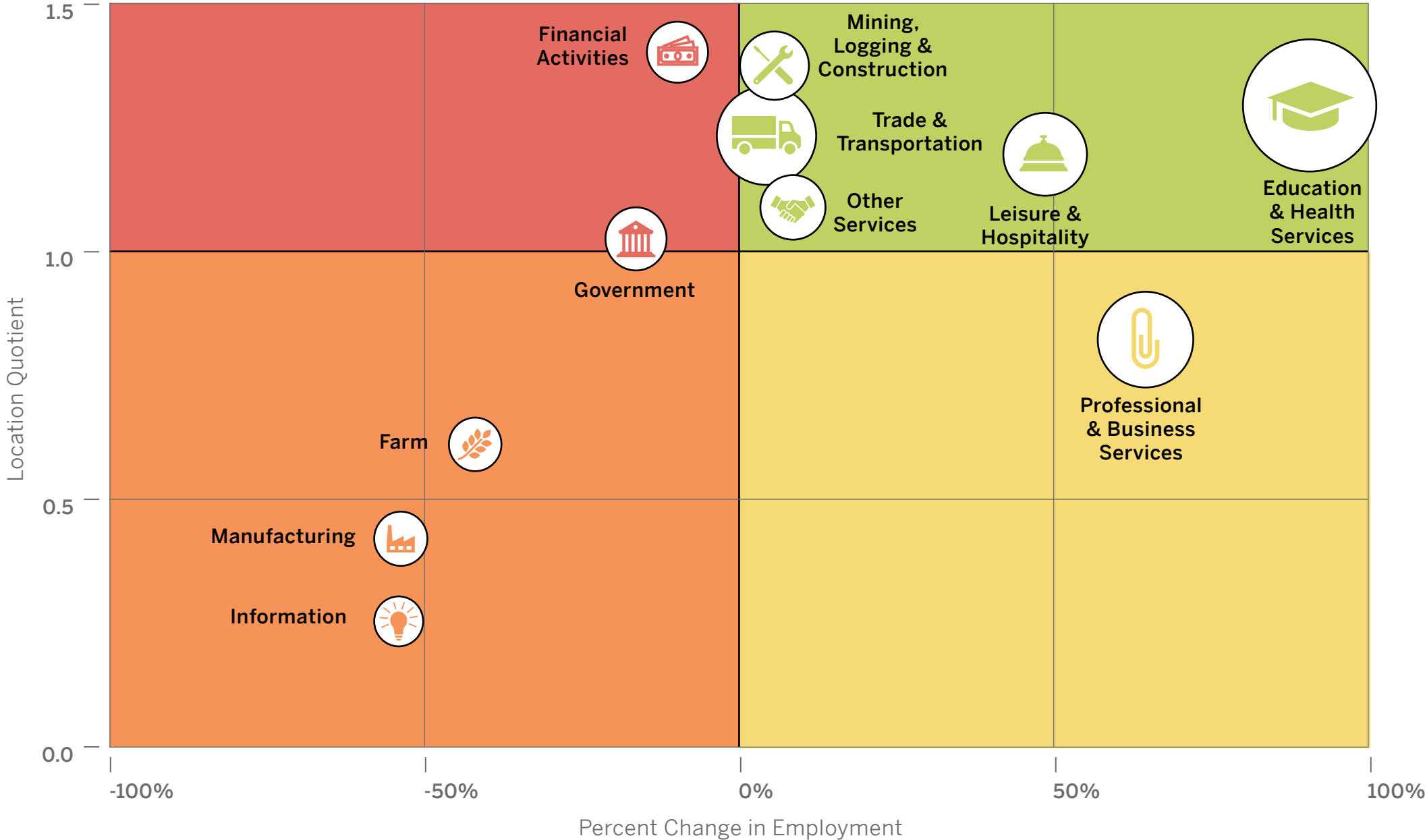
Source: Vital Signs, Metropolitan Transportation Commission, U.S. Bureau of Labor Statistics, 2022

REGIONAL CONTEXT

Community College District Map
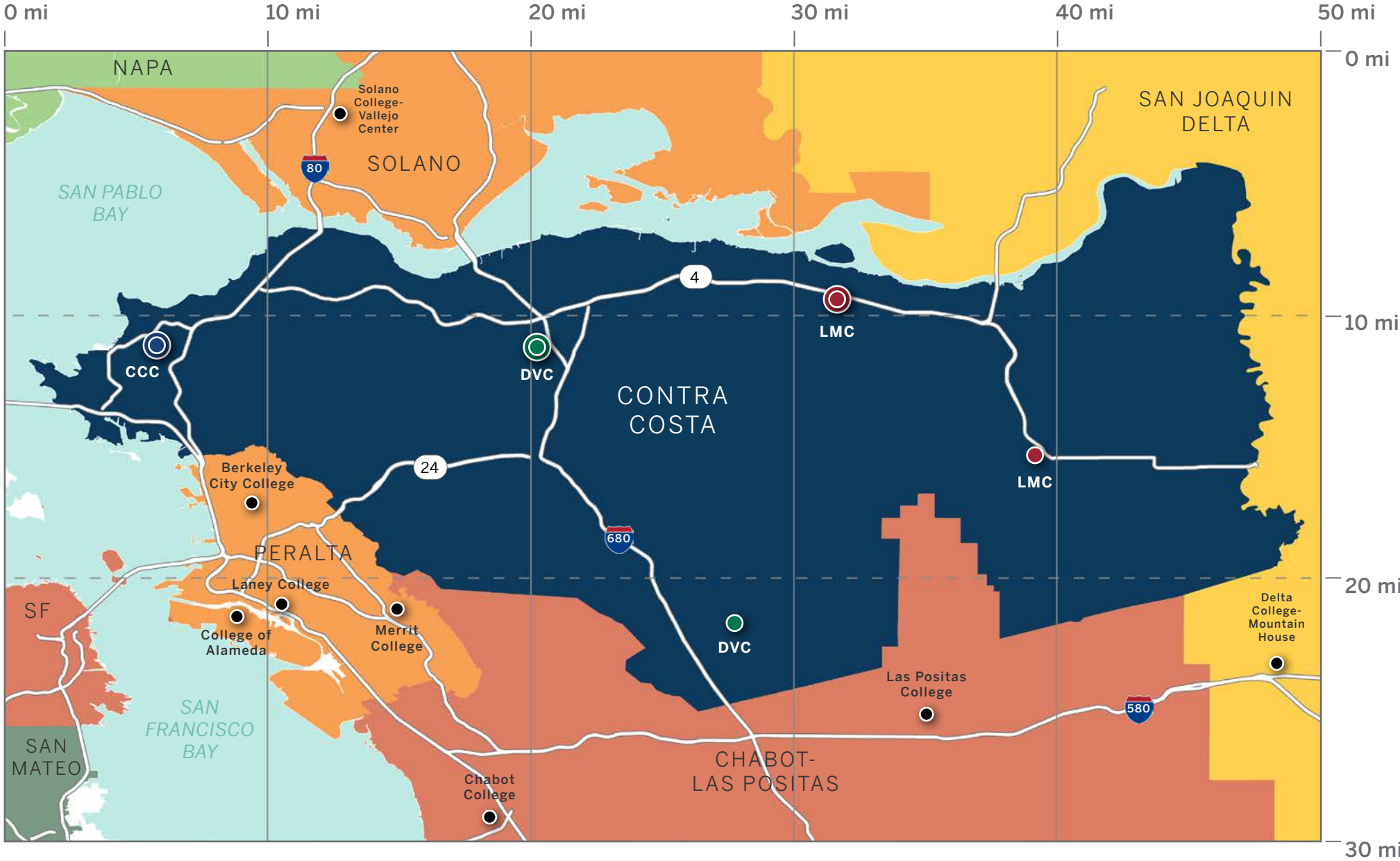
LEGEND

- **Contra Costa CCD**
- **Contra Costa College**
- **Diablo Valley College**
- **Los Medanos College**
- **Other Colleges**

Map labels: NAPA, SOLANO, SAN PABLO BAY, Solano College-Vallejo Center, SAN JOAQUIN DELTA, CONTRA COSTA, LMC, DVC, CCC, Berkeley City College, PERALTA, Laney College, Merrit College, College of Alameda, SF, SAN MATEO, SAN FRANCISCO BAY, Chabot College, CHABOT-LAS POSITAS, Las Positas College, DVC, LMC, Delta College-Mountain House

DISTRICT CONTEXT

Headcount by College Over Time

2% decrease from 2021

	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021	Fall 2022
Los Medanos College	8,691	8,837	8,946	8,839	9,090	9,996	9,615	8,711	8,067	7,898
Diablo Valley College	20,553	20,337	19,890	19,589	19,922	20,434	20,015	19,059	17,592	16,146
Contra Costa College	7,189	6,969	6,727	6,701	7,125	7,639	7,393	6,507	5,921	6,225

LEGEND

■ Contra Costa College   ■ Diablo Valley College   ■ Los Medanos College

DISTRICT SNAPSHOT

Demographics & Enrollment

AGE

38% 19 & YOUNGER

30% 20 - 24

28% 25-49

4% 50+

ENROLLMENT

FULL-TIME STUDENT **33%**

PART-TIME STUDENT **67%**

53% FEMALE

32% FIRST GEN

59% DAY CLASSES

86% COURSE RETENTION RATE

RACE & ETHNICITY

9% BLACK

13% ASIAN

37% HISPANIC

24% WHITE

<1% AMERICAN INDIAN/ ALASKAN

3% UNKNOWN

7% 2 OR MORE RACES

6% FILIPINO

1% PACIFIC ISLANDER

LMC SNAPSHOT

Demographics & Enrollment - Fall 2022

AGE

> LMC has a younger population than the District

45% — 19 & YOUNGER
31% — 20 - 24
22% — 25-49
3% — 50+

ENROLLMENT

FULL-TIME STUDENT — 35%
PART-TIME STUDENT — 65%
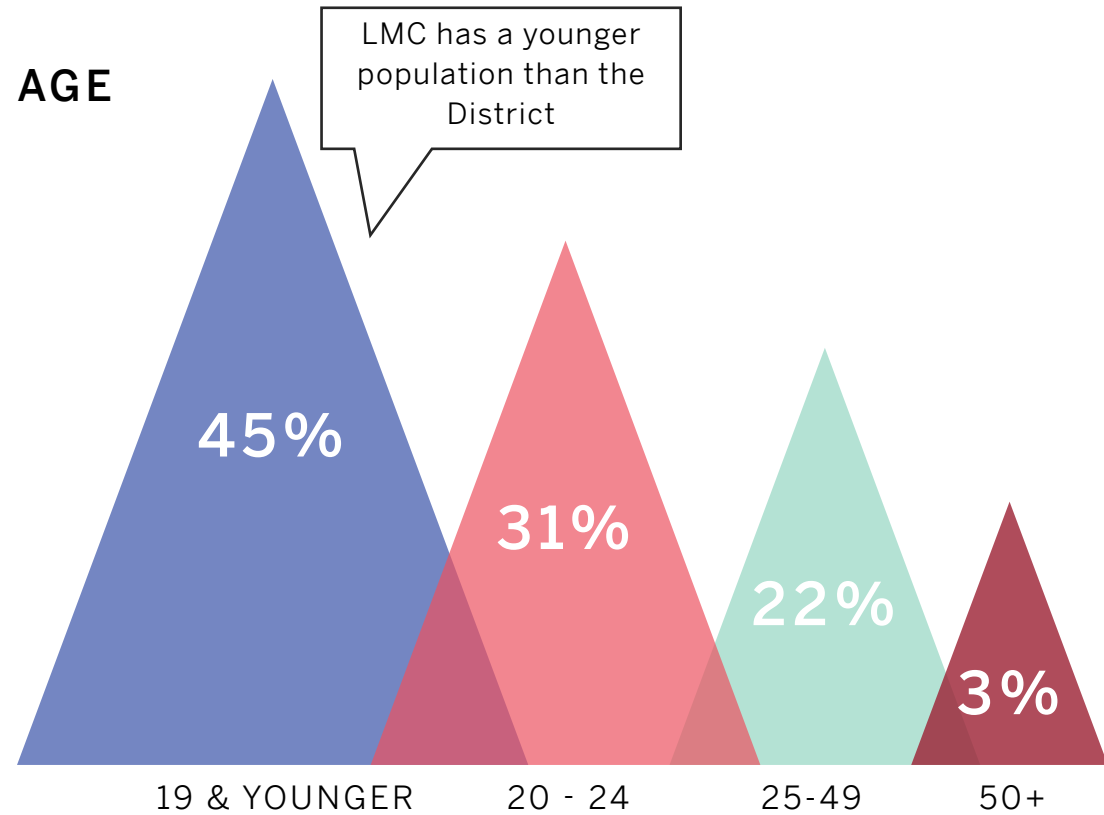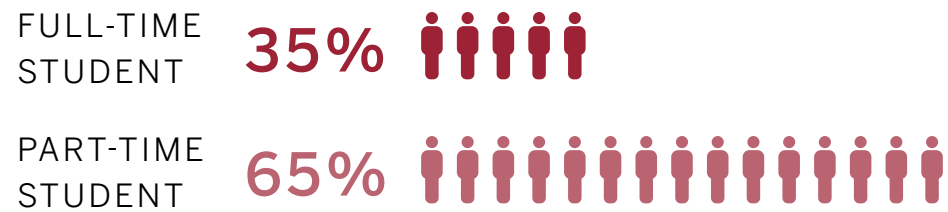
> LMC has a larger female and first gen population than the District

56% FEMALE
38% FIRST GEN
57% DAY CLASSES
87% COURSE RETENTION RATE
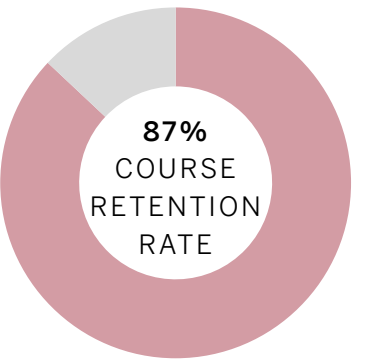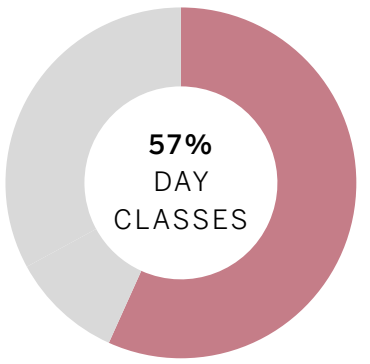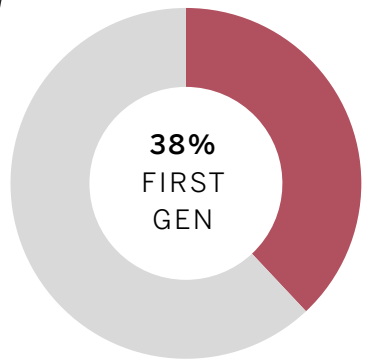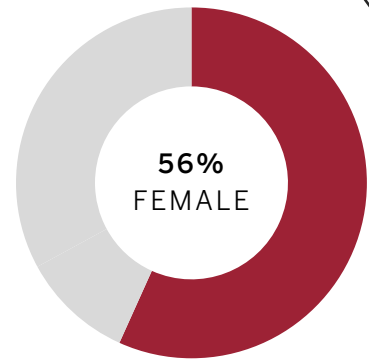
RACE & ETHNICITY

> LMC has a larger Hispanic and Black population than the District

45% HISPANIC
12% BLACK
7% ASIAN
19% WHITE
2% UNKNOWN
7% 2 OR MORE RACES
<1% AMERICAN INDIAN/ ALASKAN
6% FILIPINO
1% PACIFIC ISLANDER
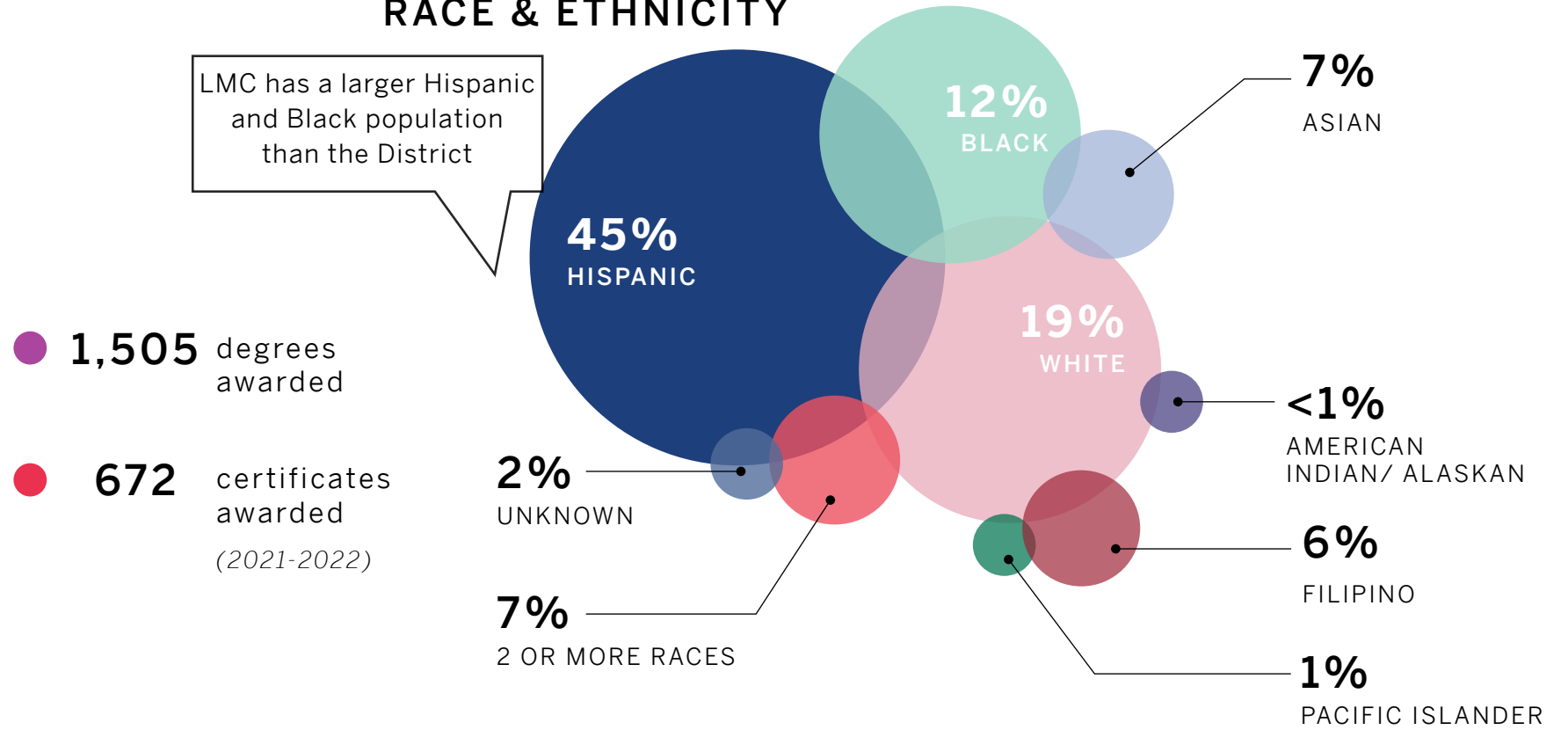
● 1,505 degrees awarded

● 672 certificates awarded
(2021-2022)

Source: LMC Quick Facts 2022, California Community Colleges Chancellor's Office MIS Data Mart Fall 2022 Data

LMC ENROLLMENT

Student Headcount by Enrollment Status Over Time

Student Enrollment

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023*
Student Enrollment	8,691	8,837	8,946	8,839	9,090	9,996	9,615	8,711	8,067	7,898	7,965

Student Enrollment ——●—— Expon. (Student Enrollment) ·········

PHYSICAL ANALYSIS

04

REGIONAL CONTEXT

Regional Transit

- The District is partially served by Bay Area Regional Transit

- LMC and DVC have connectivity with the Yellow Line, while CCC has connections to the Red and Orange Lines

- The San Ramon Campus and Brentwood Center have the least access to regional transit

- *Equity Priority Community* is a Metro Transportation Commission designation for historically-underserved areas to direct funding

LEGEND

- BART Rail Line
- Capitol Corridor Rail Line
- ○ Train Station
- Equity Priority Community
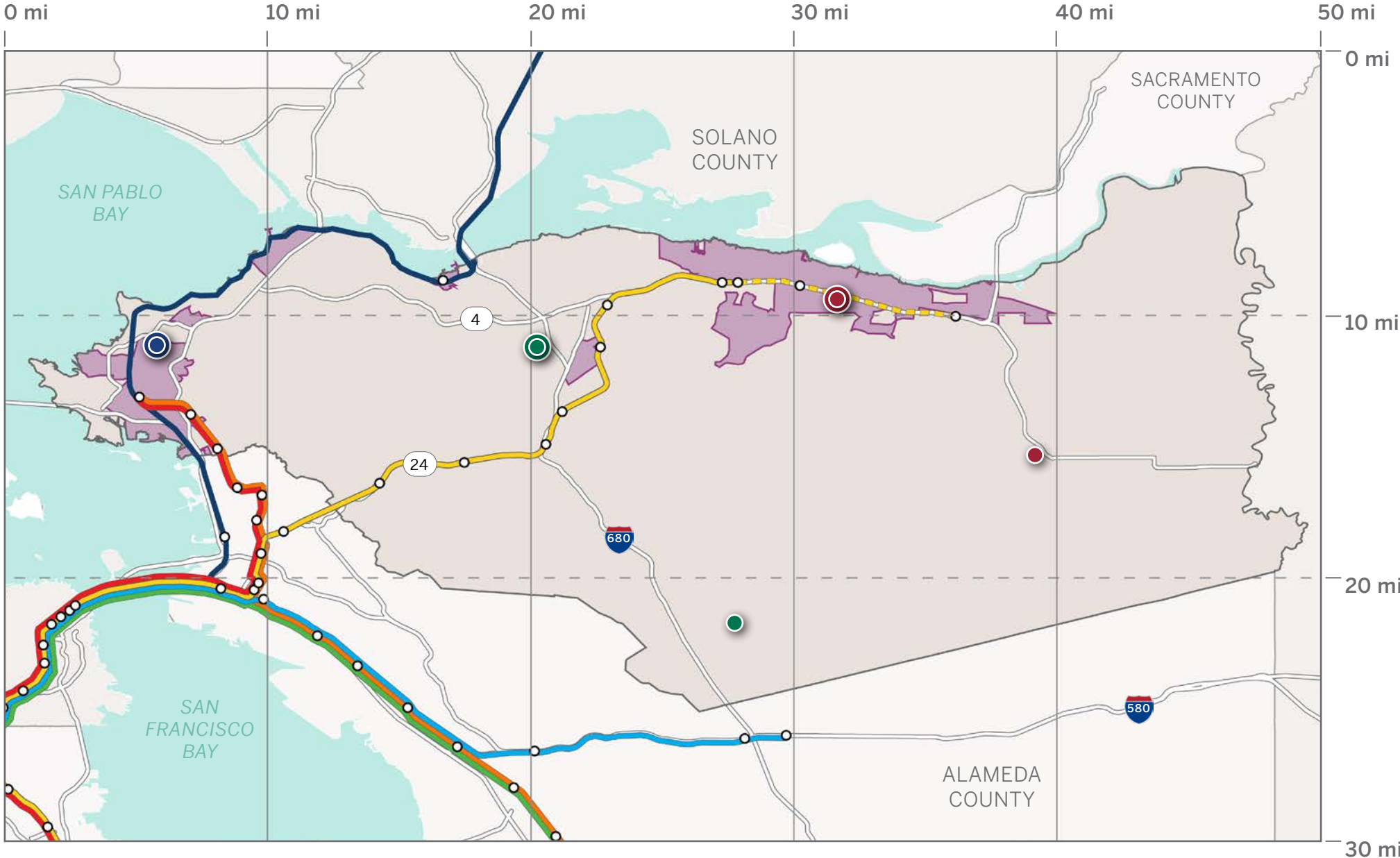
Source: Contra Costa Transit Authority, ESRI, USGS, NOAA

COMMUNITY CONTEXT

One College, Two Campuses

- The LMC Pittsburg Campus and Brentwood Center are about a **20 minute drive** apart

- No direct route via public transit, could take between 1hr 20 min-2hr 45 min

LEGEND

⬚ City Limits

20 min drive between Pittsburg and Brentwood

0 mi   5 mi   10 mi   15 mi

Pittsburg

LMC
PITTSBURG

Antioch

Oakley

Brentwood

LMC
BRENTWOOD

PITTSBURG CAMPUS

NEIGHBORHOOD CONTEXT

Pittsburg Campus

- LMC is located in the City of Pittsburg near the Antioch city line

LEGEND

�■ Los Medanos College

┅ City Boundary

0 mi   1 mi   2 mi   3 mi   4 mi

SAN JOAQUIN RIVER

Railroad Ave

City Park

Corteva Wetlands Preserve

California Ave

4

Loveridge Rd

PITTSBURG

Somersville Rd

Buchanan Park

Buchanan Rd

ANTIOCH

UNINCORPORATED CONTRA COSTA COUNTY

Canal Park

NEIGHBORHOOD CONTEXT

Surrounding Land Use

- The College is bordered by single-family housing to the south and multi-family housing/commercial uses to the north along E. Leland Rd.

LEGEND

- Single-Family Residential
- Multi-Family Residential
- Commercial
- Public
- Industrial
- Open Space/Agricultural

NEIGHBORHOOD CONTEXT

Transit Network

- The Pittsburg campus is located relatively near the Pittsburg Center BART Station, connected by 15-minute bus/30-minute walk

- Several Tri Delta Bus lines serve the campus directly, with County Connection bus lines operating nearby

LEGEND

— **BART Yellow Line** *Antioch-SFO+Millbrae*

⊙ **BART Station** *Pittsburg Center*

— **Tri Delta Bus Line**

— **County Connection Bus Line**

○ **Bus Stop**

NEIGHBORHOOD CONTEXT

Transit Network - Future Planning

- The Pittsburg Campus is located within an MTC Equity Priority Community, designated to "direct funding toward projects that enable more equitable access to transportation, housing and services"

- A future Mobility Hub is planned for the campus, offering multi-mobility access to support first-/last-mile connections

LEGEND

Equity Priority Community

Planned Mobility Hub

BART Yellow Line *Antioch-SFO+Millbrae*

BART Station *Pittsburg Center*

Tri Delta Bus Line

County Connection Bus Line

Bus Stop
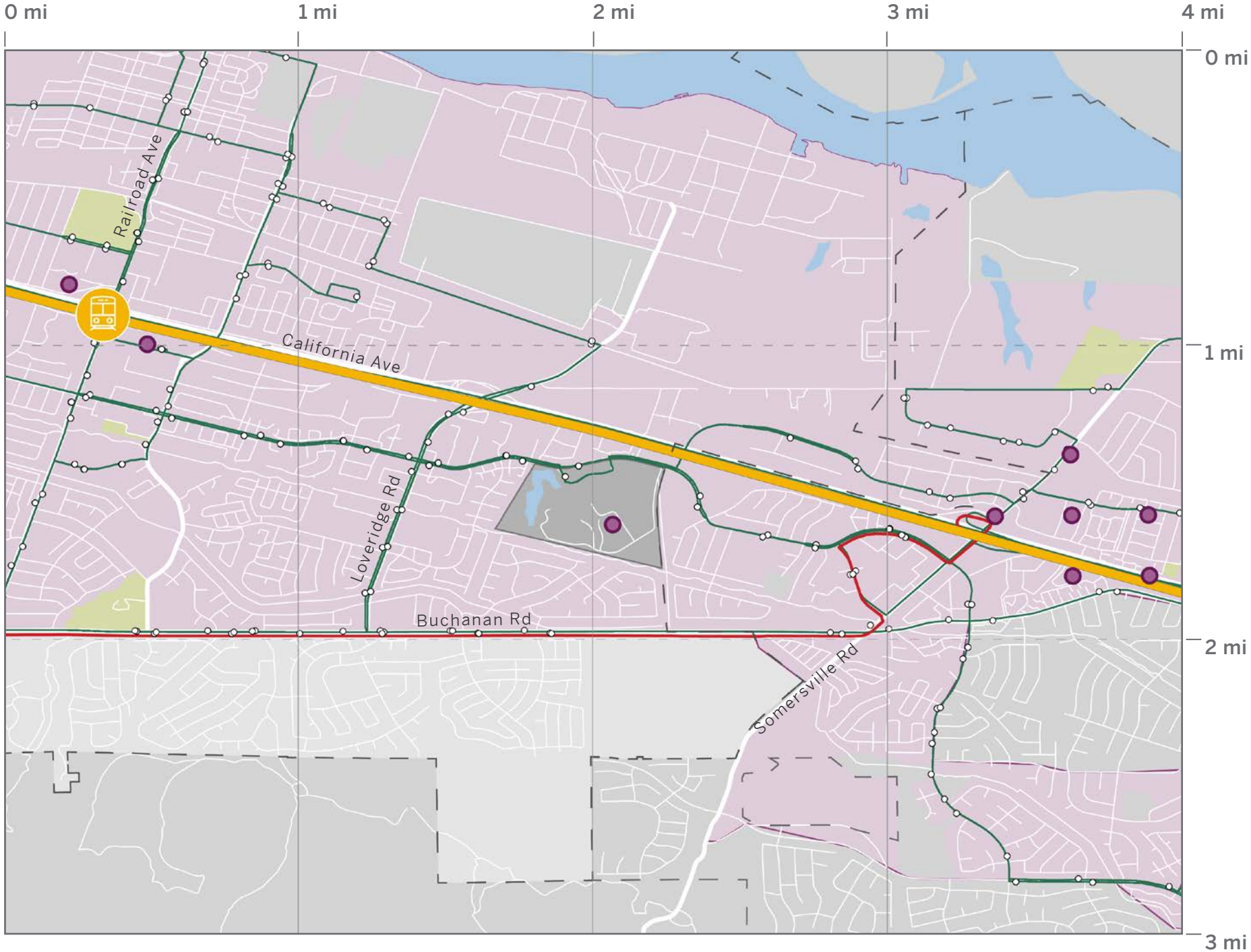
CAMPUS AT A GLANCE

Pittsburg Campus

410,863
Gross SF

304,096
Assignable SF

26
Buildings

110
Acres
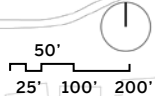
2007 FMP PROJECTS

Pittsburg Campus

Recommended Construction

- PE/Fitness Complex
- Student Activities Center
- Performing Arts Center

Recommended Renovation

- College Complex
  - Student Services Center
  - Instructional Space Improvements
  - Complex Entries
  - Building Exterior
  - Circulation Spaces
  - Gathering Spaces

Source: Facilities Master Plan LMC 2007

Legend
- Existing Building
- New Building
- Potential Site

PE / Fitness Complex

Student Activities Center

College Complex

LOS MEDANOS COLLEGE - 2007 Facilities Master Plan

Los Medanos College 2007 Facilities Master Plan

tBP/Architecture

2010 FMP UPDATE

Eastside Campus/Pittsburg Campus

Existing Buildings   **New Buildings**
Existing Parking   **New Parking**
Path/Central Quad   **Future Buildings**
Amphitheater   **Canopy Cover**
Courtyard/Patio   **Patio/Plaza**

Updates

- Larger PE/Fitness Complex
- Gym Modernization/Renovation
- New Academic Building on the Southeast Campus

tBP/Architecture
Newport Beach | Los Angeles | Bay Area

LOS MED
COLLI

CHANGES SINCE 2007 FMP

Pittsburg Campus

New Buildings

- Kinesiology & Athletics Complex (KAC)
- Student Union (SU)
- Campus Safety Center (CS)
- ETEC Lab (EL)

Renovated Buildings/Sites

- College Complex (CC/CO/SS/MU)
- Tennis Court Resurfacing

LEGEND

- New Building
- Renovated Building/Site
- Demolished

SITE WALK

Pittsburg Campus

College Complex

College Complex
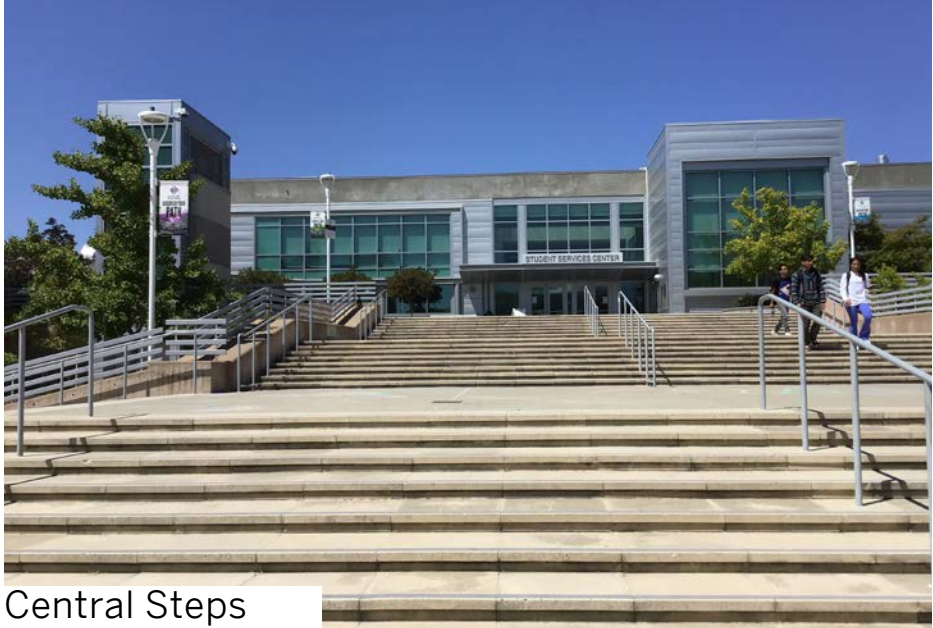
Central Steps

Bus Stop

LMC Lake Trail
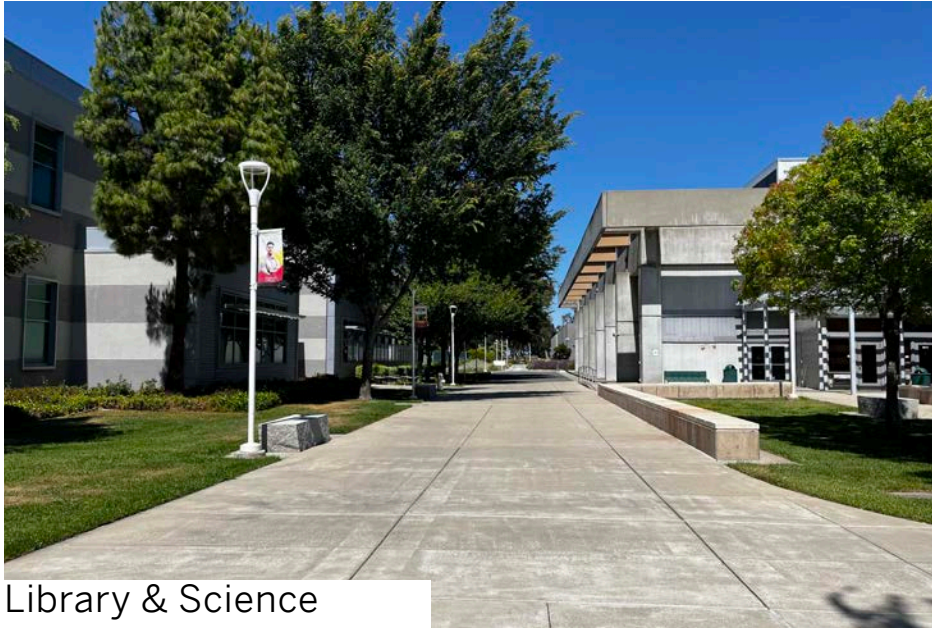
Library & Science

ARCHITECTURAL STYLE

Pittsburg Campus

Brutalist

Contemporary

BUILDING AGE
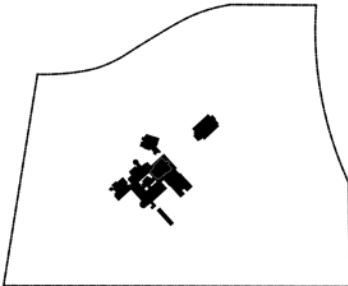
Pittsburg Campus
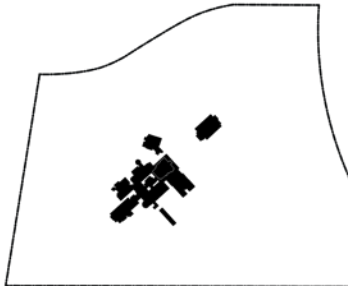
1970s

1990s
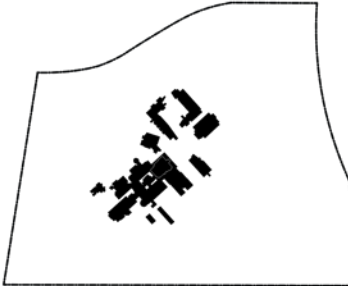
2000s
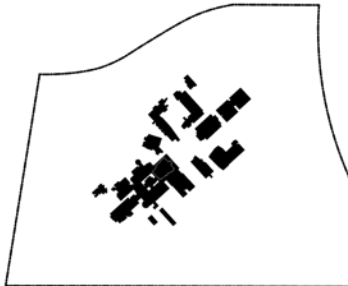
Present

LEGEND

- 1970s
- 1980s-1990s
- 2000s
- 2010s-Present

Source: FUSION

E Leland Rd

Lake View Cir

Los Medanos Dr

Mustang Dr

CS

SC

KAC

L

Gym

P

CSC

SU

CC

SS

MA

CO

CC

CC

Memorial Dr

CC

MU

CC

M&O

EL

Campus Way

College Way

50'

25'   100'   200'

BUILDING AGE
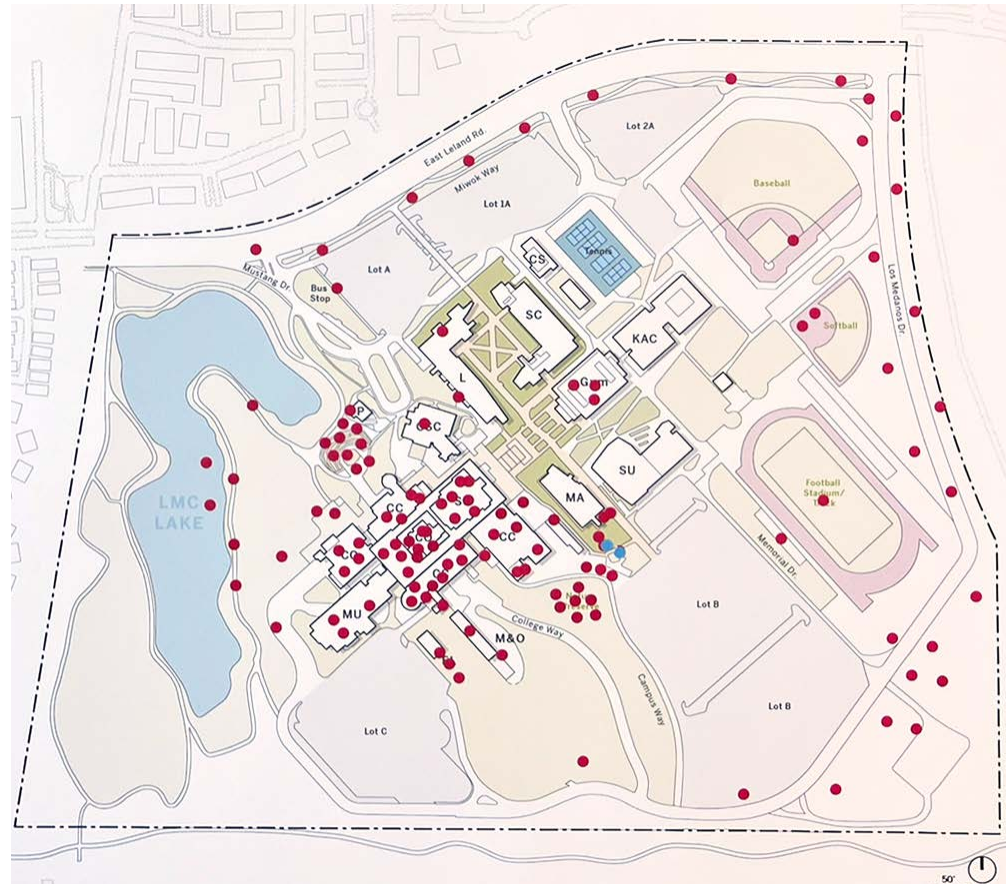
Pittsburg Campus

The buildings marked as "Needs Improvement" during Flex Week correlate with Building Age.

LEGEND

- 1970s
- 1980s-1990s
- 2000s
- 2010s-Present

FACILITIES CONDITION INDEX

Pittsburg Campus

- Facilities Condition Index (FCI) is a formula measuring the ratio of the cost to correct existing facility deficiencies against the current replacement value of the facility

- The higher the FCI score, the poorer the condition of a facility

LEGEND

- 🟩 Good (0-5%)
- 🟨 Fair (5-10%)
- 🟧 Poor (10-30%)
- 🟥 Critical (>30%)

Source: FUSION

PRIMARY BUILDING USE

Pittsburg Campus

- Offices, instructional spaces, and special/ student spaces are dispersed throughout individual buildings and across campus

LEGEND

- Classroom
- Lab
- Office
- Study
- Special Use
- Food
- Meeting/Lounge
- Support
- Inactive/Unknown

1ST FLOOR

2ND FLOOR

3RD FLOOR/OVERALL

50'
25' 100' 200'
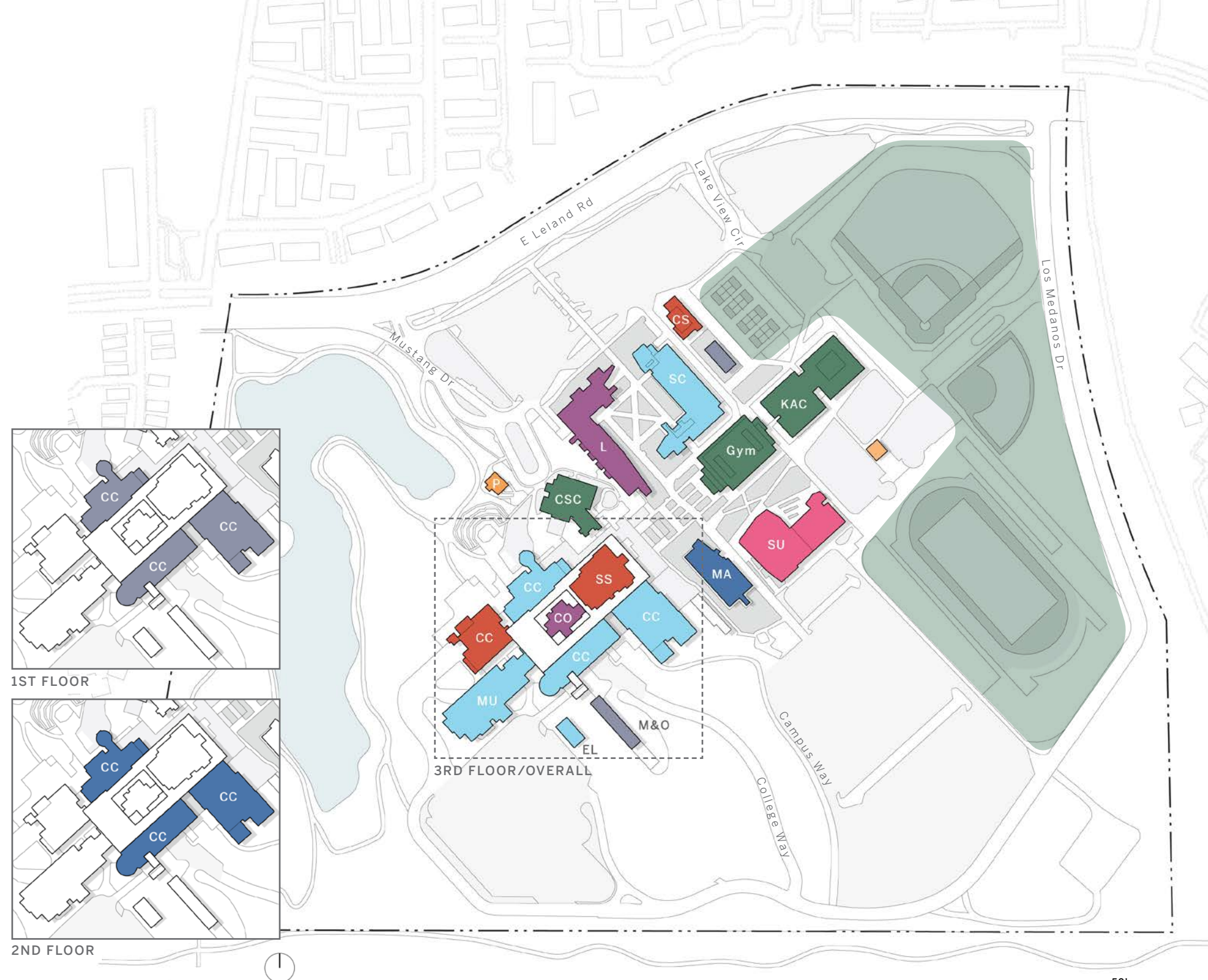
STUDENT SERVICES

Pittsburg Campus

- Student services are primarily located in the Student Union and the Student Services Buildings

- Did we miss anything?

LEGEND

Student Services

Pantry - Marketplace

Core
Academic Support Center,
Equity & Inclusion

Veteran Resource Center

Student Union
Bookstore, Conference Center, Honors
Program, International Students, Latinx
Empowerment Center, Reflection Room,
Student Life, Student Lounge,
Unity Center, Umoja Scholars

Student Services
Admissions, Cashier, Assessment Services,
Counseling, DSPS, EOPS/CARE/CalWORKs,
Financial Aid, Welcome Center, LMC
Foundation, Transfer & Career Services

Source: LMC Campus Map

50'
25' 100' 200'

STUDENT SERVICES

Pittsburg Campus

Findings from Flex Week Workshop

- Several student services locations, as well as other specific buildings and rooms, were reported to be difficult to find

- Navigation within the College Complex appears particularly challenging

- The Campus Safety Center, Childcare Center, and Pantry were also noted as hard to locate for the first time

- A full wayfinding assessment is underway as part of this plan

LEGEND

Student Services

Difficult to Find
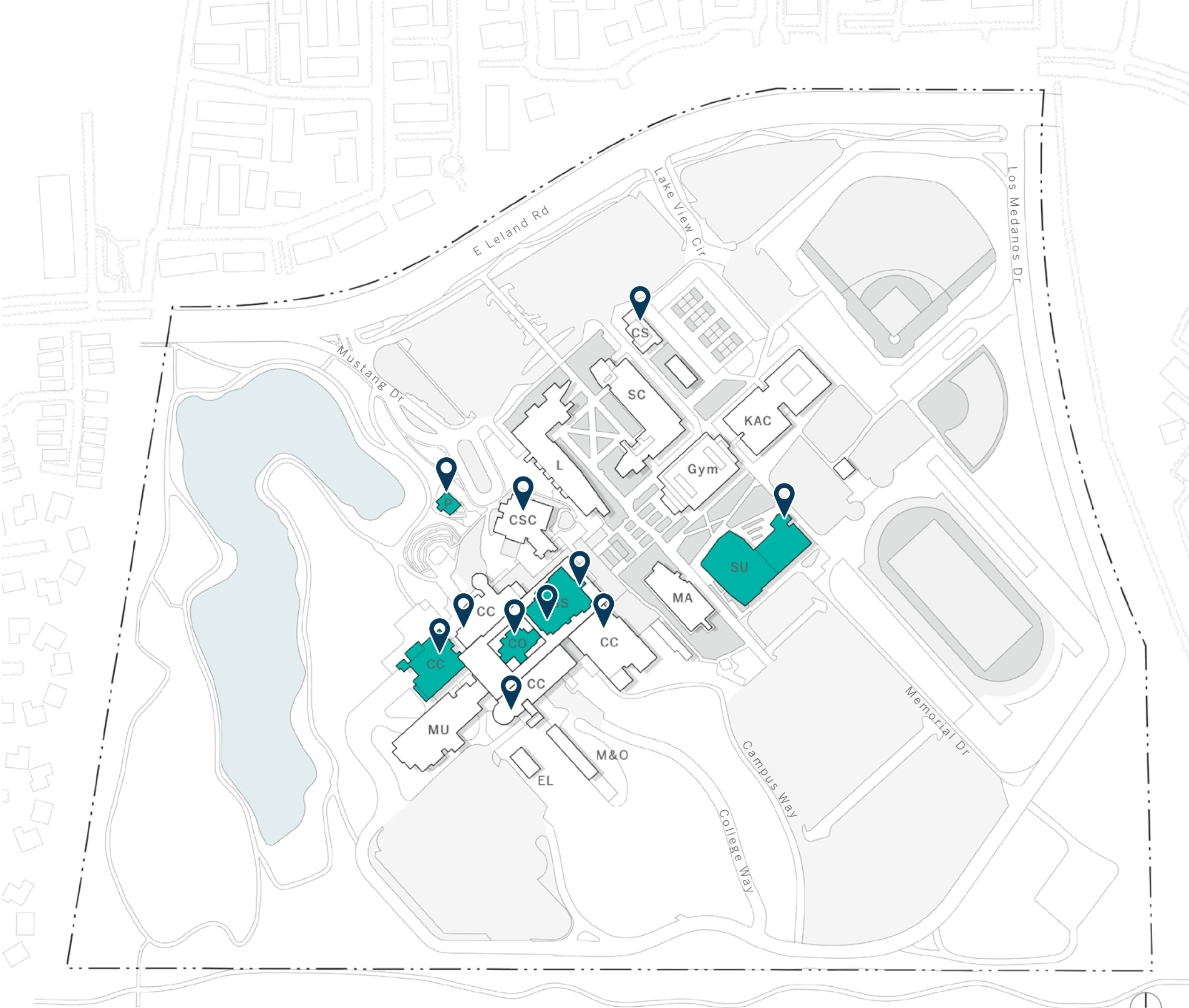
COMMUNITY SERVICES

Pittsburg Campus

- Community members access various places on campus, including the athletic fields and tennis courts, theater, recital hall, and lake

- Did we miss anything?

LEGEND

■ Community Use

LMC Lake & Trail

Athletic Areas
Football, Softball, Baseball, Soccer
Fields & Tennis Courts

Child Study Center

Recital Hall & Theatre

Source: LMC Campus Map

50'
25' 100' 200'

CAMPUS LANDMARKS

Pittsburg Campus

Findings from Flex Week Workshop

- Workshop participants identified several major campus landmarks

- Landmarks are important to wayfinding and navigation on campus

LEGEND

Landmarks

LMC Lake & Trail

Library

Amphitheater

Student Union

College Core + Student Services

Nature Preserve
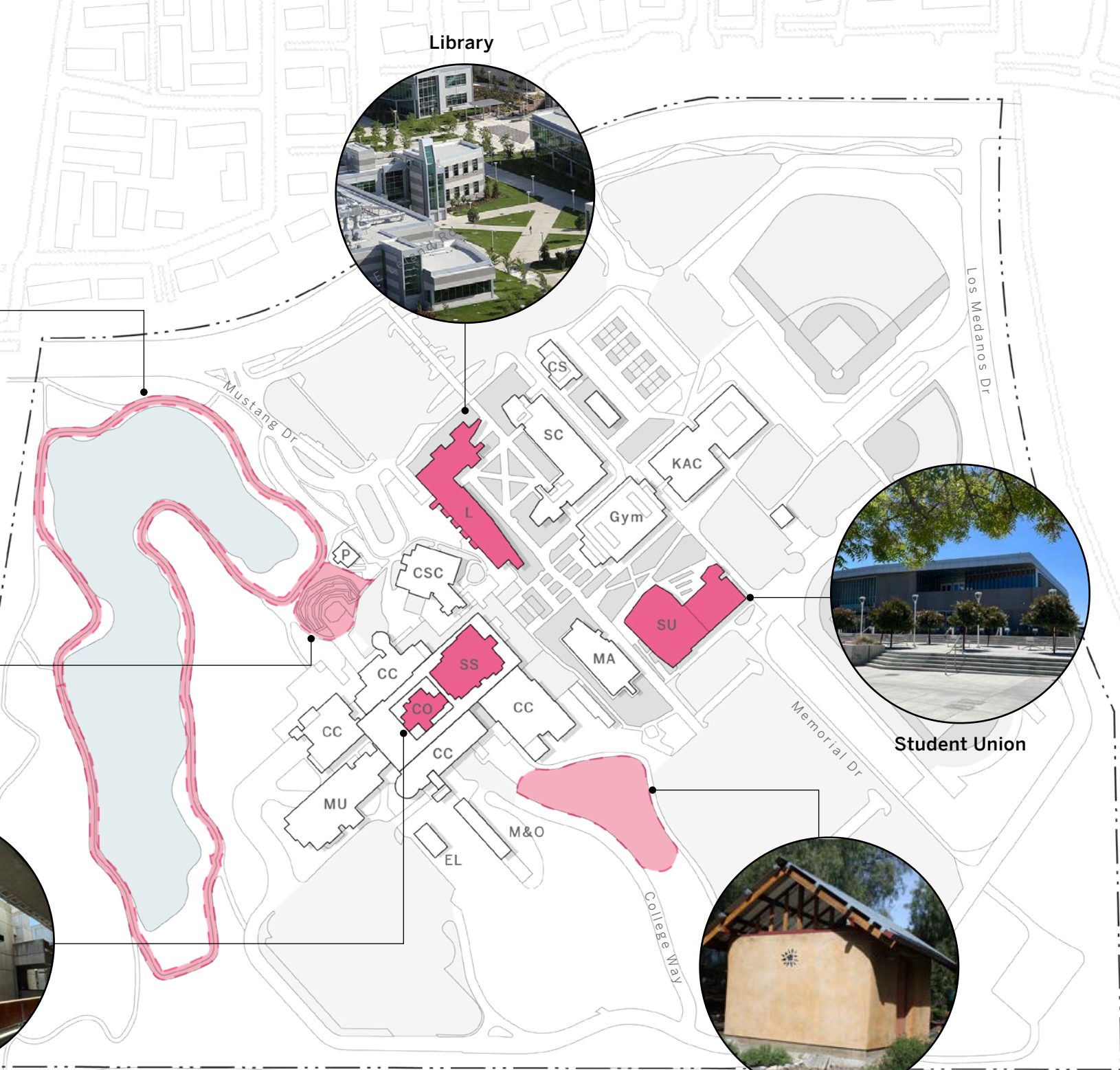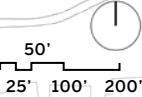
TOPOGRAPHY

Pittsburg Campus

- Changes in elevation across campus presents some challenges for wayfinding and mobility

LEGEND

▢	40'
▢	50'
▢	60'
▢	70'
▢	80'
▢	90'
▢	100'

Source: USGS

the majority of the pedestrian zone that connects the buildings is on the same level

there are some ADA issues accessing the College Complex

OPEN SPACE

Pittsburg Campus

LEGEND

— Pedestrian Route

■ Athletic and Recreation Fields

■ Open Lawn

■ Campus Core

■ Nature Preserve

■ Amphitheater

■ LMC Lake Trails

E Leland Rd

Lake View Cir

Los Medanos Dr

Mustang Dr

Bus Stop

CS

SC

KAC

L

Gym

P

CSC

SU

MA

CC

SS

CO

CC

CC

CC

MU

Memorial Dr

M&O

EL

Campus Way

College Way

50'

25' 100' 200'
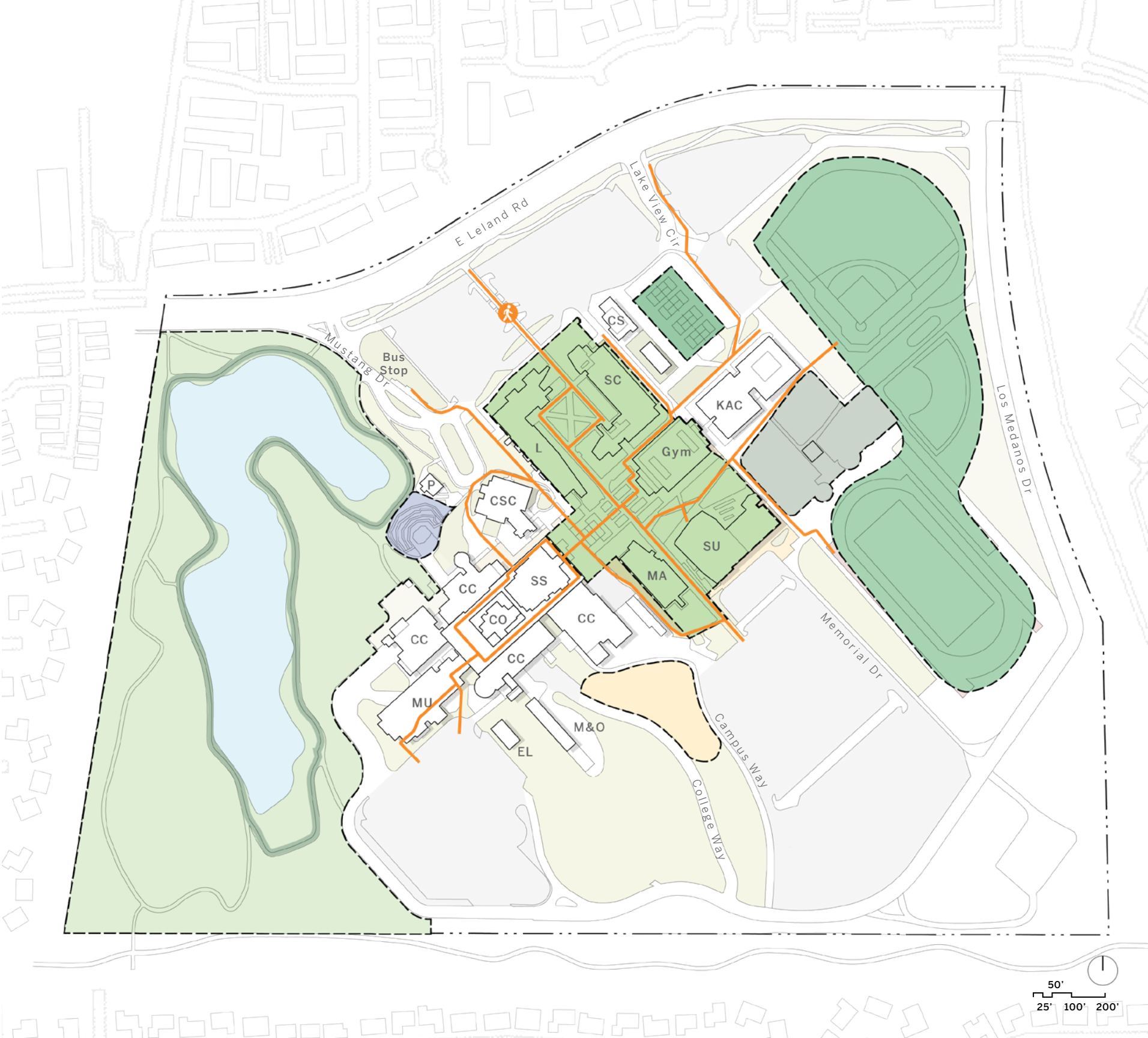
PEDESTRIAN CIRCULATION

Pittsburg Campus

- The structure of the College Complex and other changes in elevation influence pedestrian activity on campus and affects navigation

LEGEND

● Bus Stop

━━ Pedestrian Route

➡ Drop-Off Route

▨ Parking Lot

● ADA Parking

● ADA Entrance

VEHICULAR APPROACH

Pittsburg Campus

- The campus is approached exclusively via E. Leland Road at the north

- Workshop participants noted some pain points with traffic entering the campus from E. Leland Road and with entry signage

LEGEND

⬤ Campus Gateway

➡ Vehicular Approach

VEHICULAR CIRCULATION

Pittsburg Campus

- Most students and employees access the campus by automobile

- The completion of the Loop Road (Los Medanos Drive) is a major priority for the College

- There is desire for a second lane on the Loop Road for emergency purposes

LEGEND

- Campus Gateway
- Primary Vehicular Route
- Secondary Vehicular Route
- Drop-Off Route
- Parking Lot
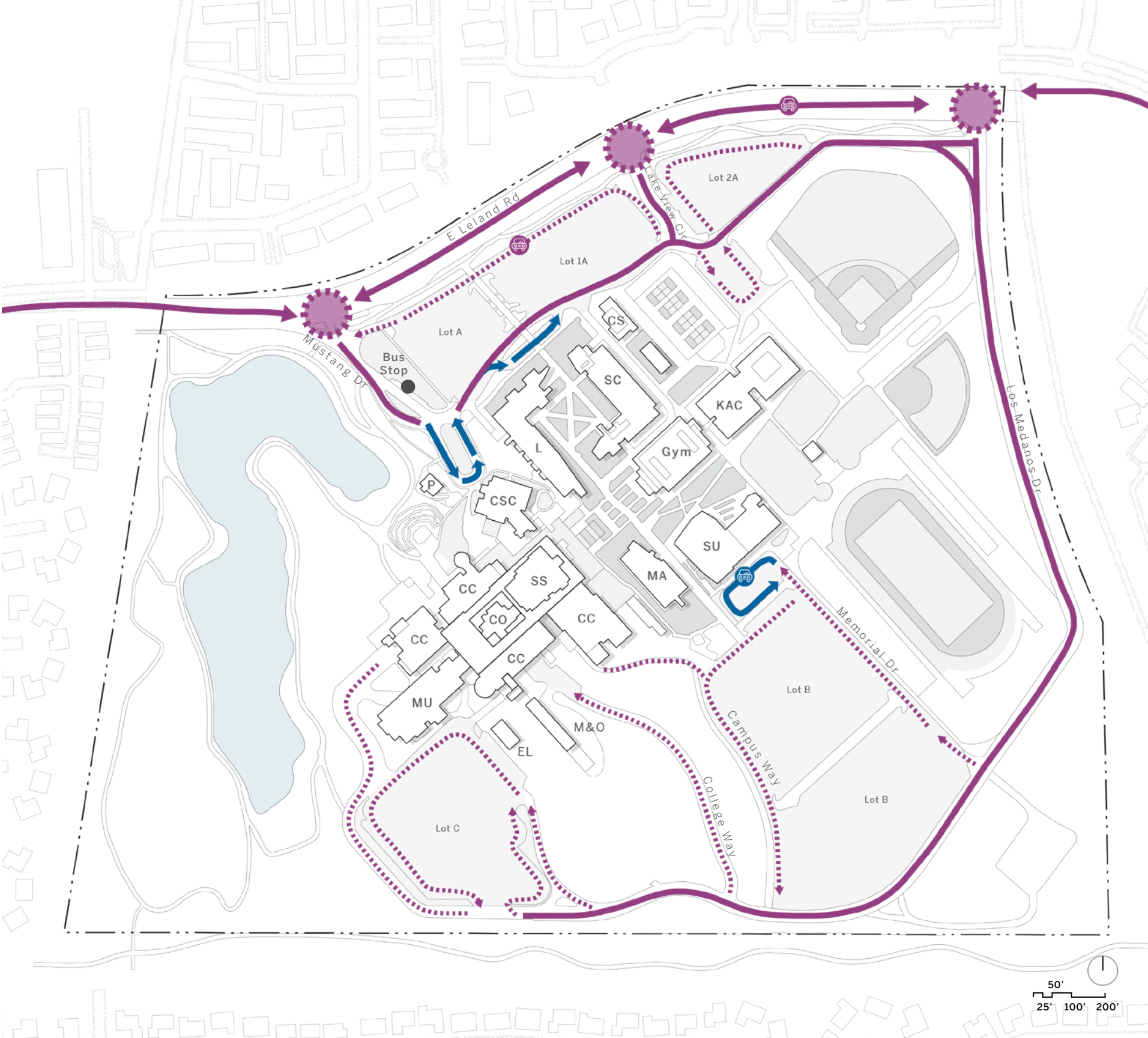
PARKING

Pittsburg Campus

	STUDENT HEADCOUNT	STUDENT TO PARK RATIO
2020	8,711	1:5

TOTAL SPACES **1,671**
TOTAL ADA SPACES 45

LEGEND

■ Parking Lot

● ADA Parking Spaces

Lot 2A

Lot 1A

Lot A

Lot B

Lot C

E Leland Rd
Lake View Cir
Mustang Dr
Los Medanos Dr
Memorial Dr
Campus Way
College Way

CS
SC
KAC
Gym
L
P
CSC
SU
MA
SS
CC
CO
CC
CC
MU
CC
M&O
EL

50'
25' 100' 200'

TRANSIT CIRCULATION

Pittsburg Campus

- The bus stop can be accessed in under 10 minutes throughout campus

- There is desire for a continuous shuttle to/from the nearby BART station

- *Note: This diagram is based on Google Maps reported walk times, which are based on 3 mi/hr walk speeds and are not reflective of all mobility levels*

LEGEND

● Bus Stop

➡ Transit Route
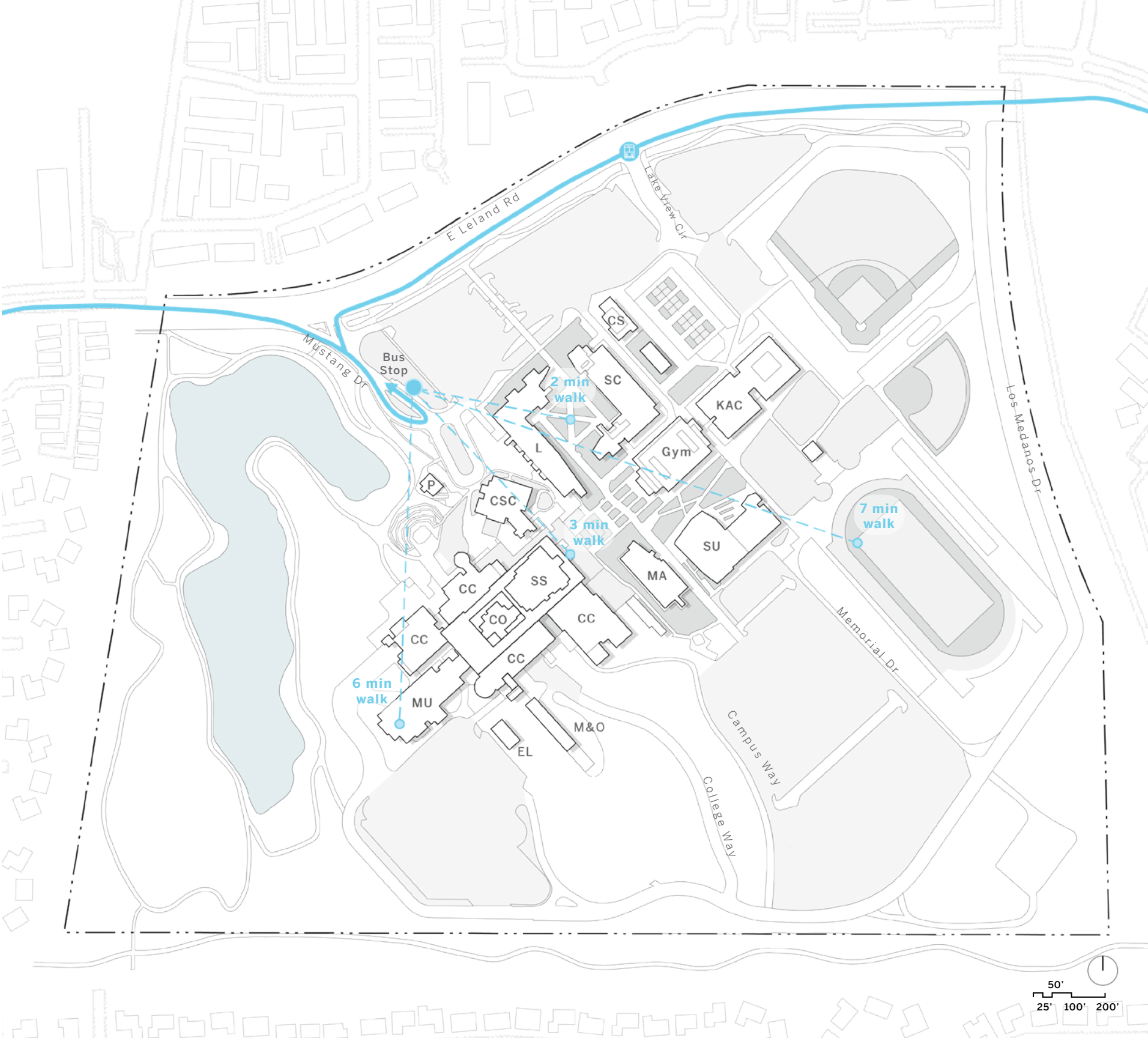
Source: Google Maps

BRENTWOOD CENTER

CAMPUS AT A GLANCE

Brentwood Center

54,973
Gross SF

41,174
Assignable SF

4
wings

12
Acres

200 Building

300 Building

100 Building

400 Building

Miwok Ave.

Pioneer Square

25' 50' 100'

FACILITIES CONDITION INDEX

Brentwood Center

LEGEND

- 🟩 Good (0-5%)
- 🟨 Fair (5-10%)
- 🟧 Poor (10-30%)
- 🟥 Critical (>30%)

200

300

100

400

25'   50'   100'
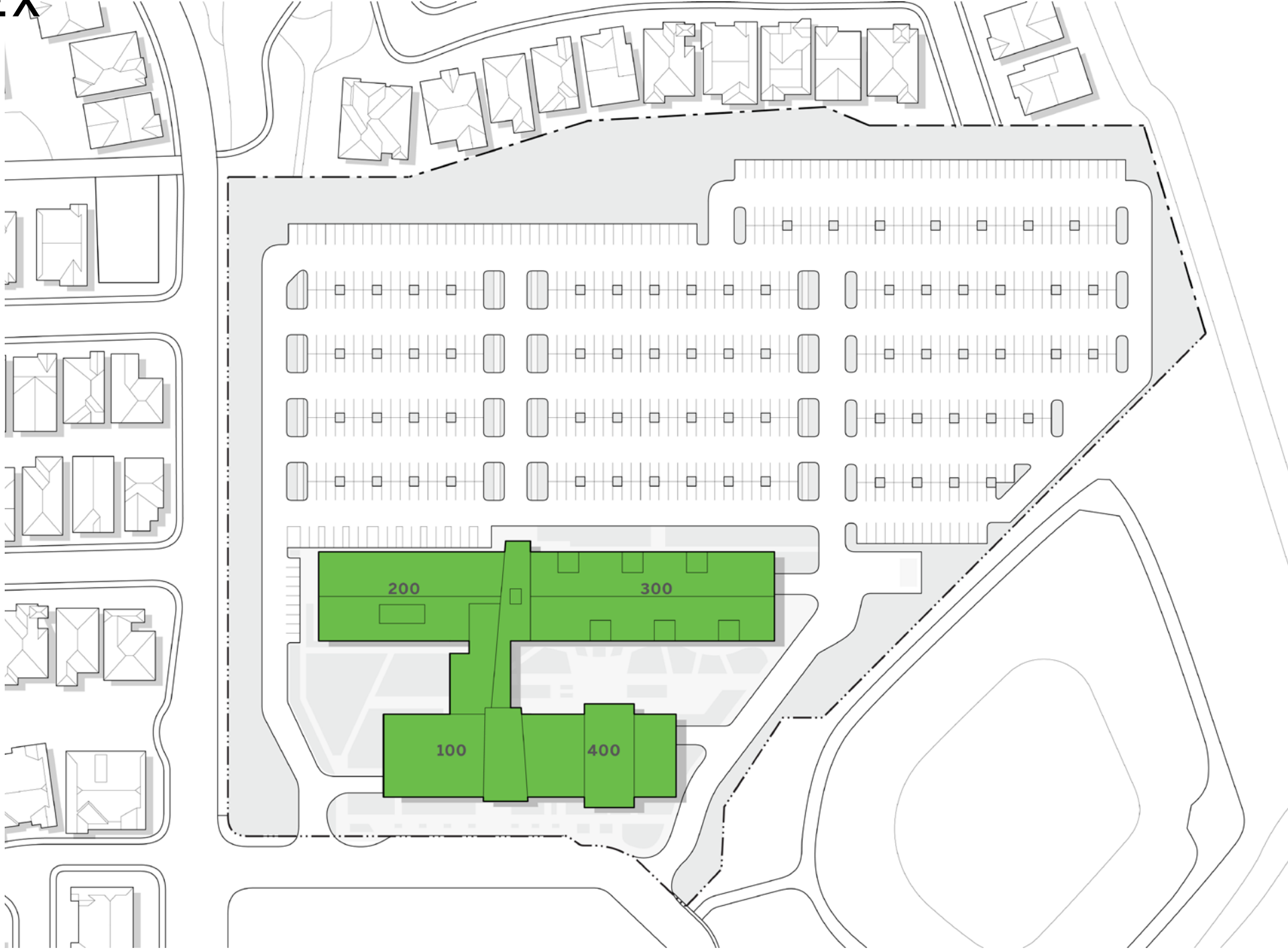
STUDENT SERVICES

Brentwood Center

- Admissions & Records
- Assessment
- Bookstore
- Counseling
- Disabled Student Services
- Financial Aid
- Library Services
- Police Services
- Technical Support
- Transfer Services

LEGEND

■ Student Services

200

300

100

400

25' 50' 100'
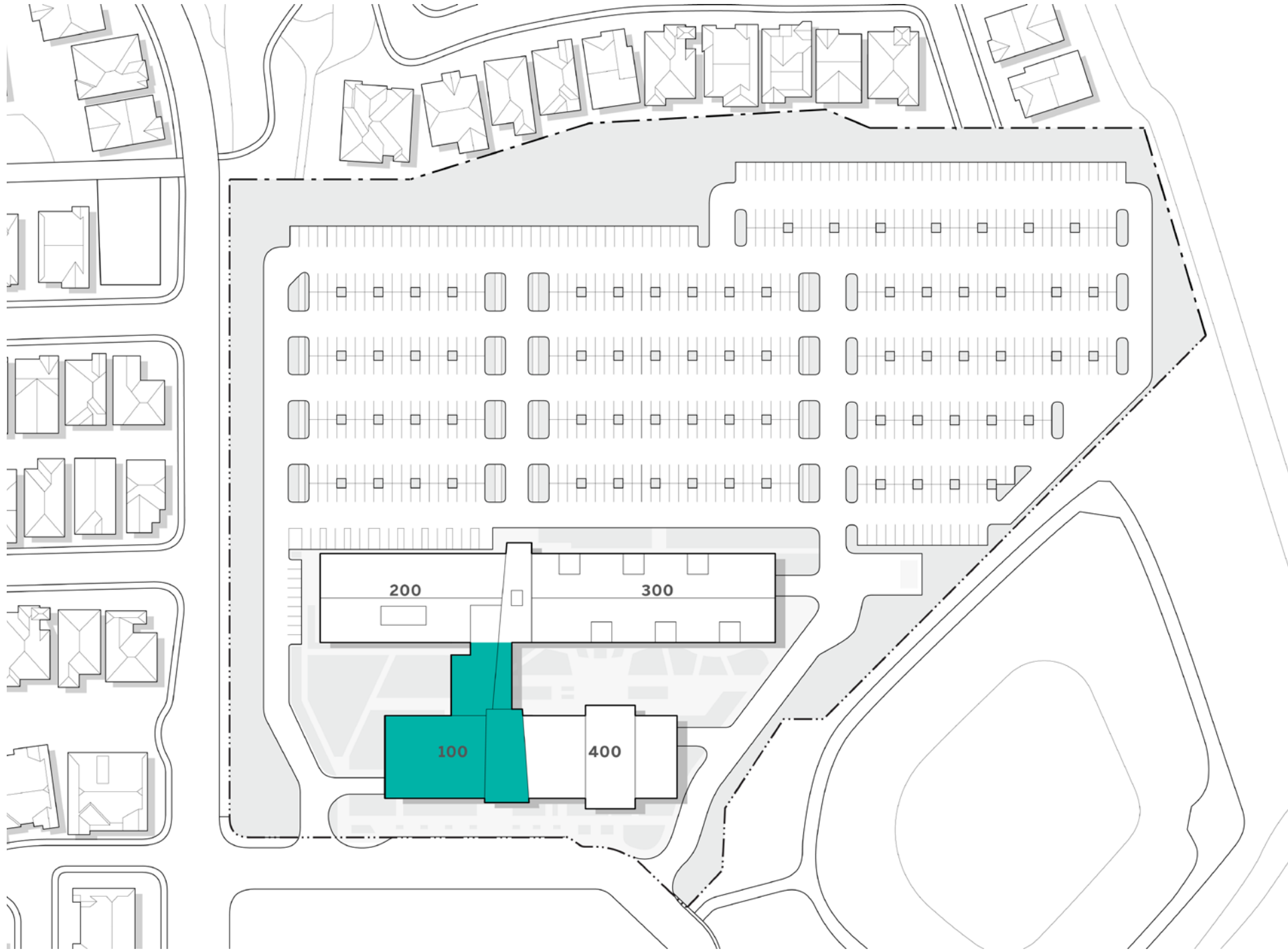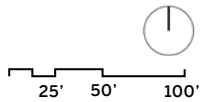
SITE WALK

Brentwood Center

300 Building

Central Plaza

Outdoor Dining/Gathering

Library

Student Services

Science Lab

VEHICULAR CIRCULATION

Brentwood Center

LEGEND

— Primary Vehicular Route

- - - Secondary Vehicular Route

→ Drop-Off Route

Parking Lot

200

300

100

400

25' 50' 100'
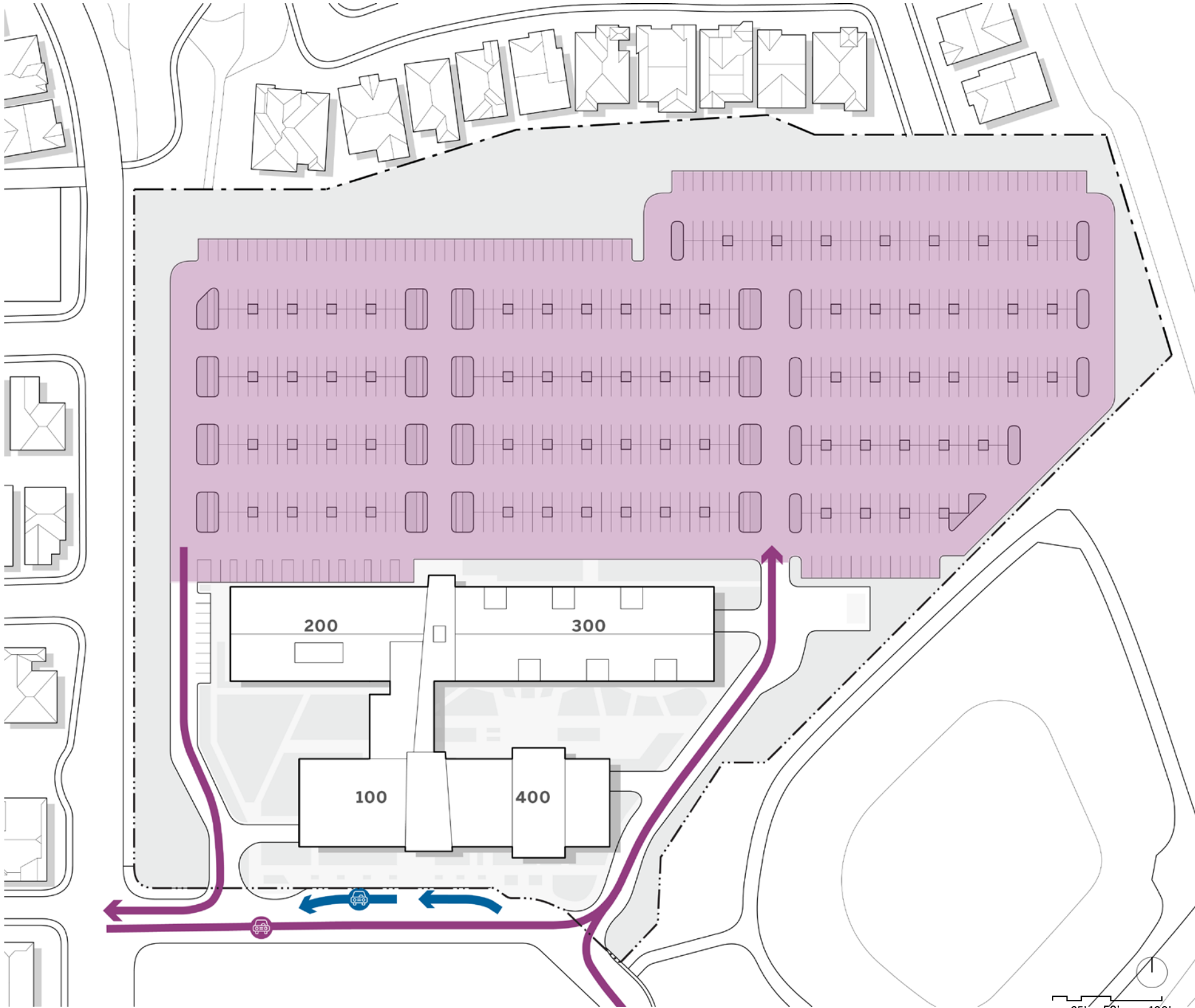
PARKING

Brentwood Center

TOTAL SPACES **734**
ADA SPACES 15

LEGEND

Parking Lot

200

300

100

400

25' 50' 100'
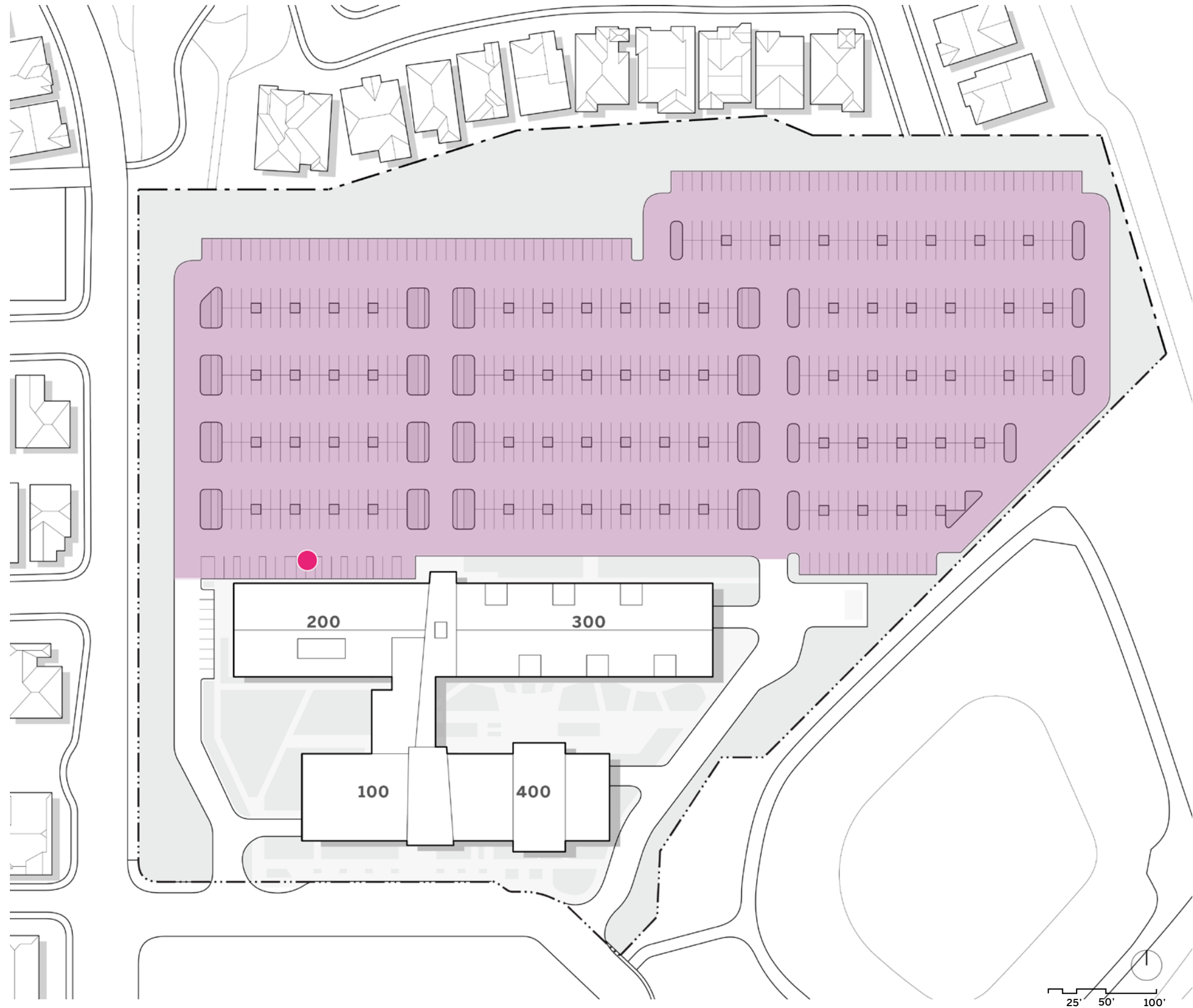
PEDESTRIAN + TRANSIT

Brentwood Center

LEGEND

⬤ Bus Stop

▬ Pedestrian Route

➔ Transit Route
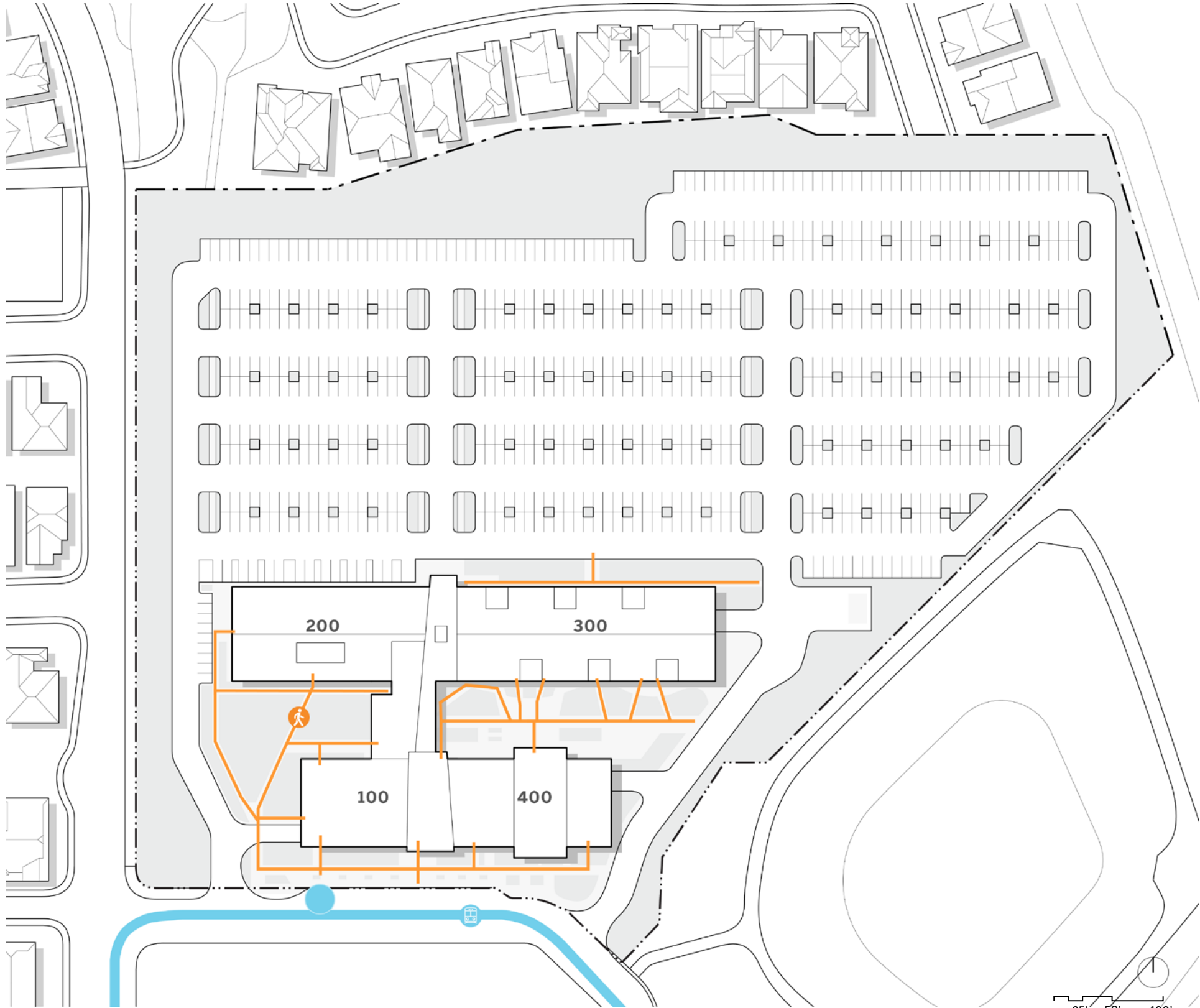
Source: Google Maps
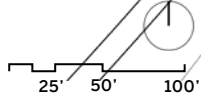
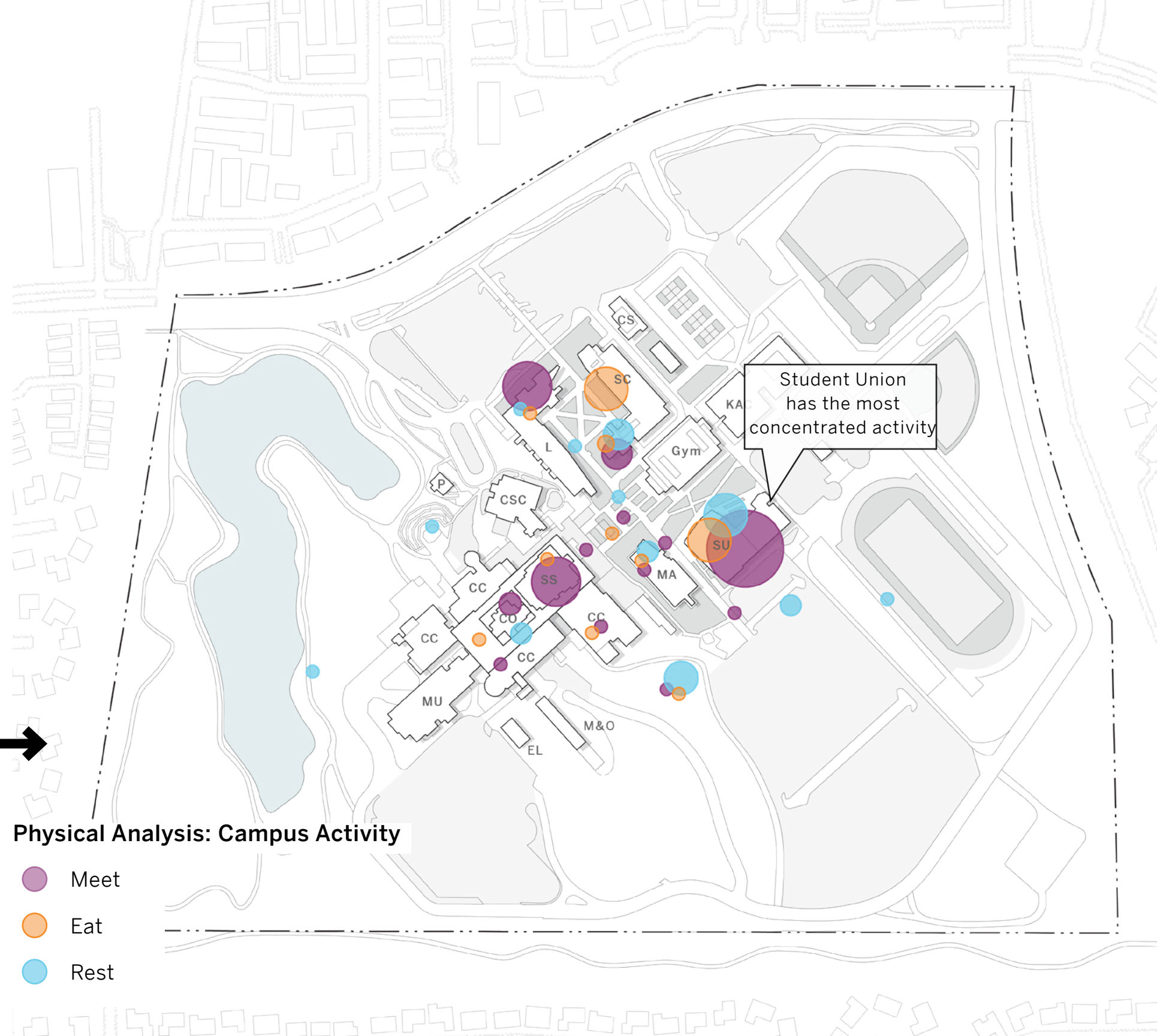# ENGAGEMENT

04

ENGAGEMENT

Flex Week Workshop
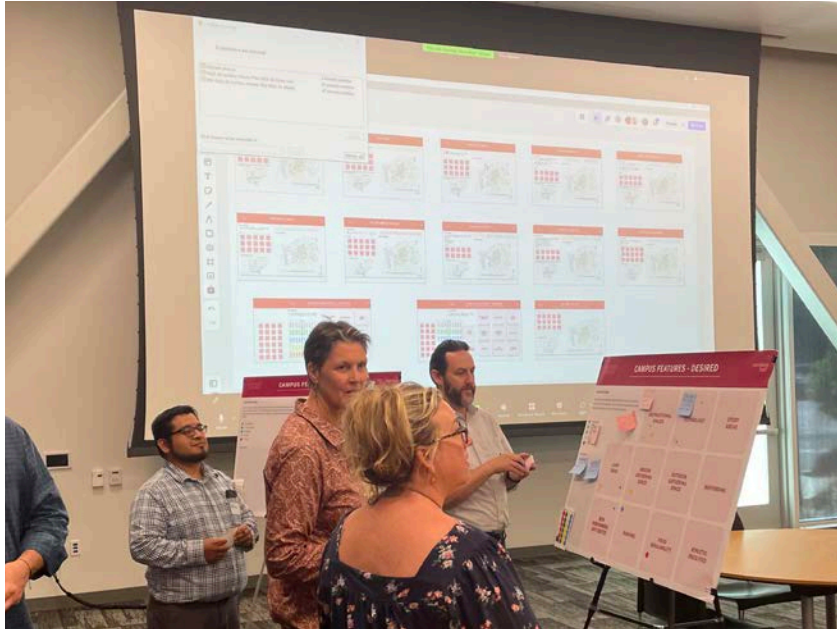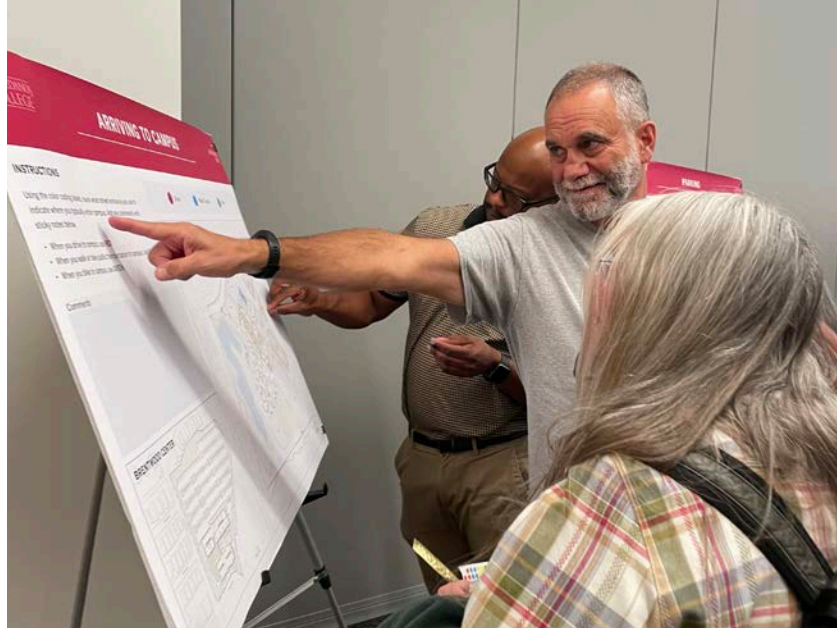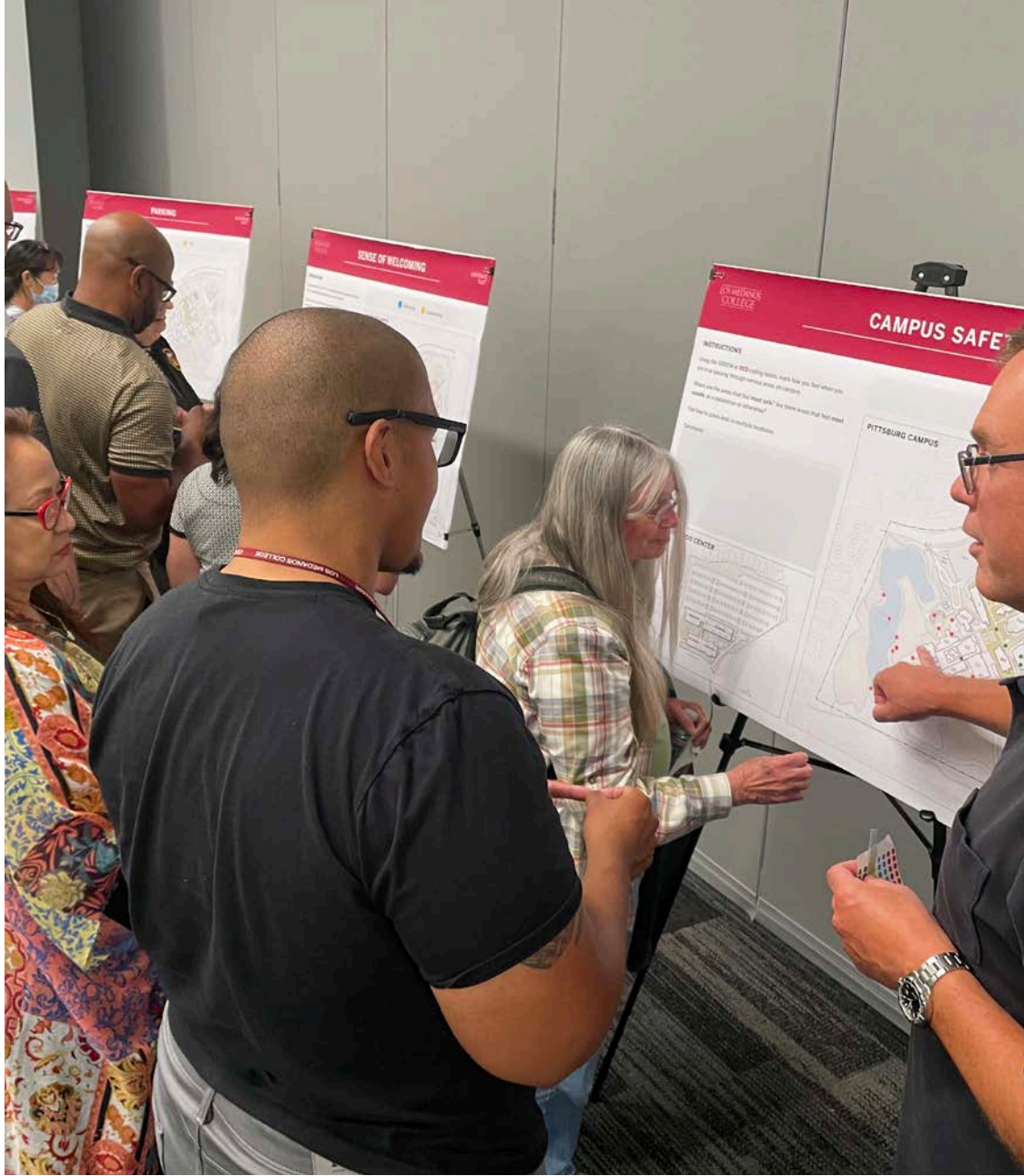
ENGAGEMENT

Flex Week Workshop - What We Heard From You

- We have integrated the qualitative feedback from the Flex Week Workshop with additional building & site data to produce a holistic campus analysis

Student Union has the most concentrated activity
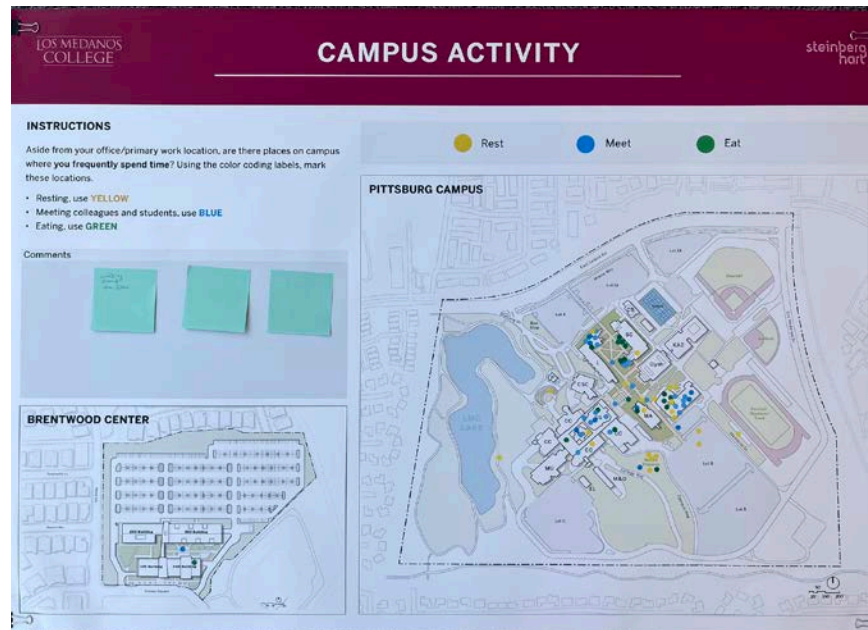
Physical Analysis: Campus Activity

- Meet
- Eat
- Rest

CAMPUS ACTIVITY

Pittsburg Campus

Findings from Flex Week Workshop

- Student Union, Library/Sciences Quad, and Student Services are hubs of activity

- Diagram reflects faculty/staff feedback; the same exercise will be conducted with students

LEGEND

- Meet
- Eat
- Rest

SENSE OF WELCOMING

Pittsburg Campus

Findings from Flex Week Workshop

- Flex Week Workshop participants reported a high sense of welcoming in the interior of campus, in the outdoor quads, and in buildings with concentrations of student services

- Unwelcoming areas were found in the College Complex and on the campus periphery, including the Loop Road and the LMC Lake Trail

LEGEND

- 🔵 Welcoming
- 🟡 Unwelcoming
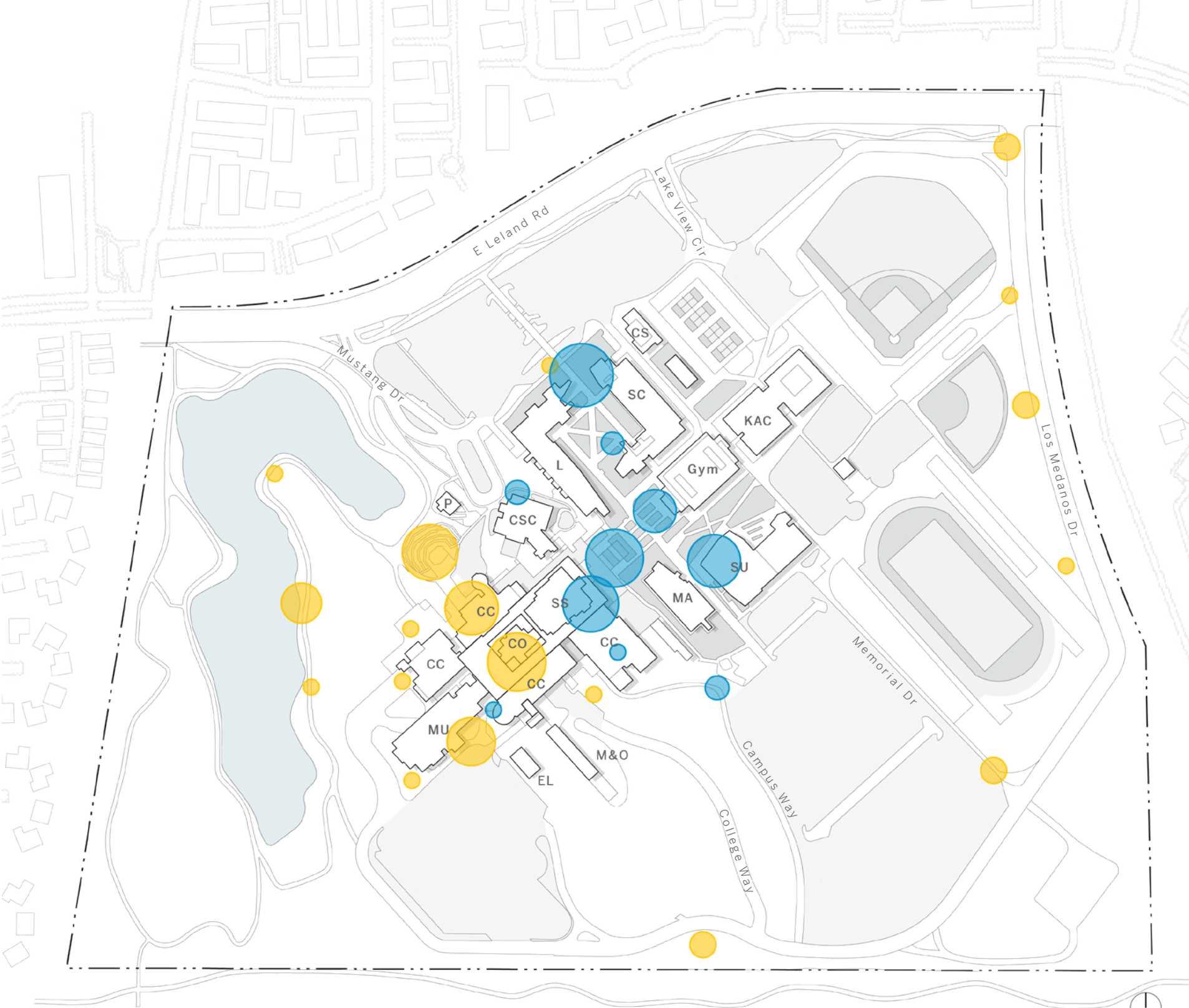
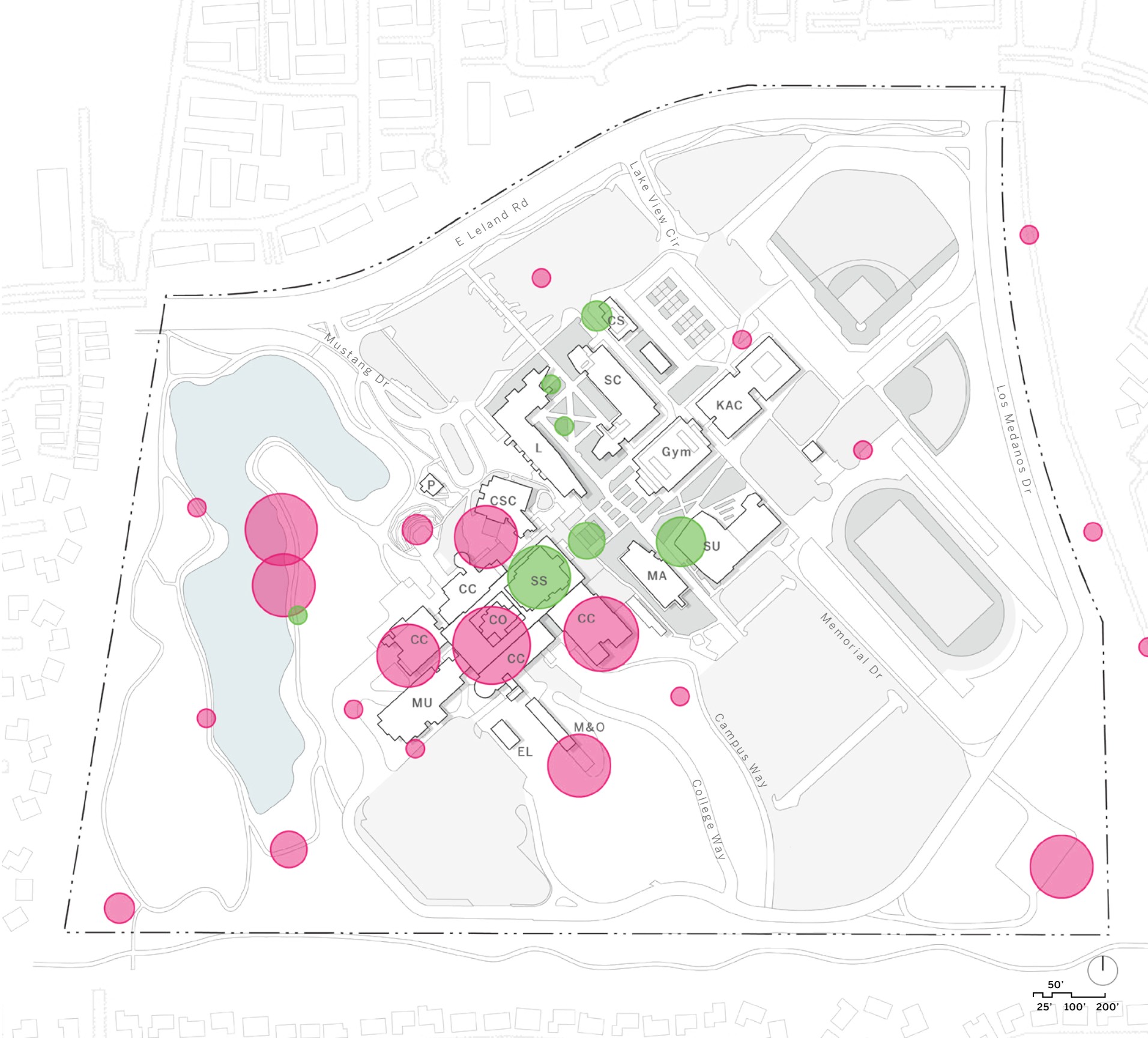*Source: Flex Week Workshop Feedback, August 16*

CAMPUS SAFETY

Pittsburg Campus

Findings from Flex Week Workshop

- Areas reported to feel safe/unsafe largely correlate with welcoming/ unwelcoming areas

- Safety concerns include desire for better lighting throughout campus, added security cameras, and safer pedestrian/vehicular routes

LEGEND

- 🟢 Safe
- 🔴 Unsafe

PROCESS & ENGAGEMENT

Existing Campus Features - Flex Week Workshop Findings

Technology
1.89

Instruction Space
2.25

Outdoor Spaces
1.50

Study Areas
1.57

Wayfinding
1.00

Athletics
3.00

Parking
3.30

Indoor Spaces
3.40

Food Availability
1.00

1: Poor
2: Fair
3: Good
4: Very Good
5: Excellent

PROCESS & ENGAGEMENT

Desired Campus Features- Flex Week Workshop Findings

Technology
4.80

Instruction Space
4.0

Outdoor Spaces
2.67

Study Areas
4.20

Wayfinding
4.50

Loop Road
3.20

Athletics
1.75

Parking
1.67

Indoor Spaces
4.00

Food Availability
4.00

New PAC
4.13

Low Priority

High Priority

ENGAGEMENT

Implications for Facilities

Calibrate facility to enrollment projections

Enhancements to childcare facilities

Low-cost student housing.

Co-locate services for students

Use universal design principles
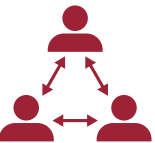
Consider collaborative approach

Alternative approaches to the use of space

Office space for adjunct faculty

Student gathering spaces

More meeting, tutoring and quiet zones

*Source: LMC Educational Master Plan | 2020-2025

NEXT STEPS

05

NEXT STEPS

- Next Steering Committee Meeting - Oct 13

- Utilization and WSCH Analysis

- Wayfindings Analysis

- Facilities Condition Assessment

- Opportunities

MEASURING SPACE

ASF, GSF, and Non-Assignable

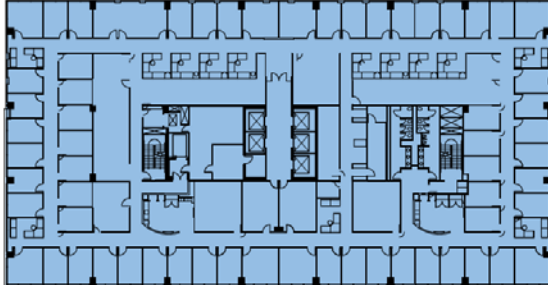## ASSIGNABLE SQUARE FOOTAGE (ASF)
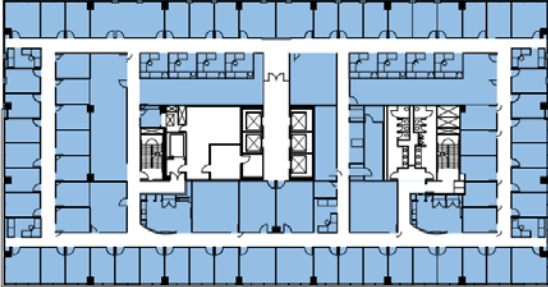
*The area of each identified program space. For example, the Net Area of an 8' x 8' workstation is 64 ASF.*

NON-ASSIGNABLE (Building Efficiency)

Includes circulation, restrooms, mechanical shaft, electrical rooms, etc.(A percentage of the assignable square footage)

GROSS SQUARE FOOTAGE (GSF)

Total area of a building enclosed by the exterior face of the perimeter walls, calculated on a floor-by-floor basis (Includes exterior wall thickness, and all vertical penetrations).

35%

100%

65%
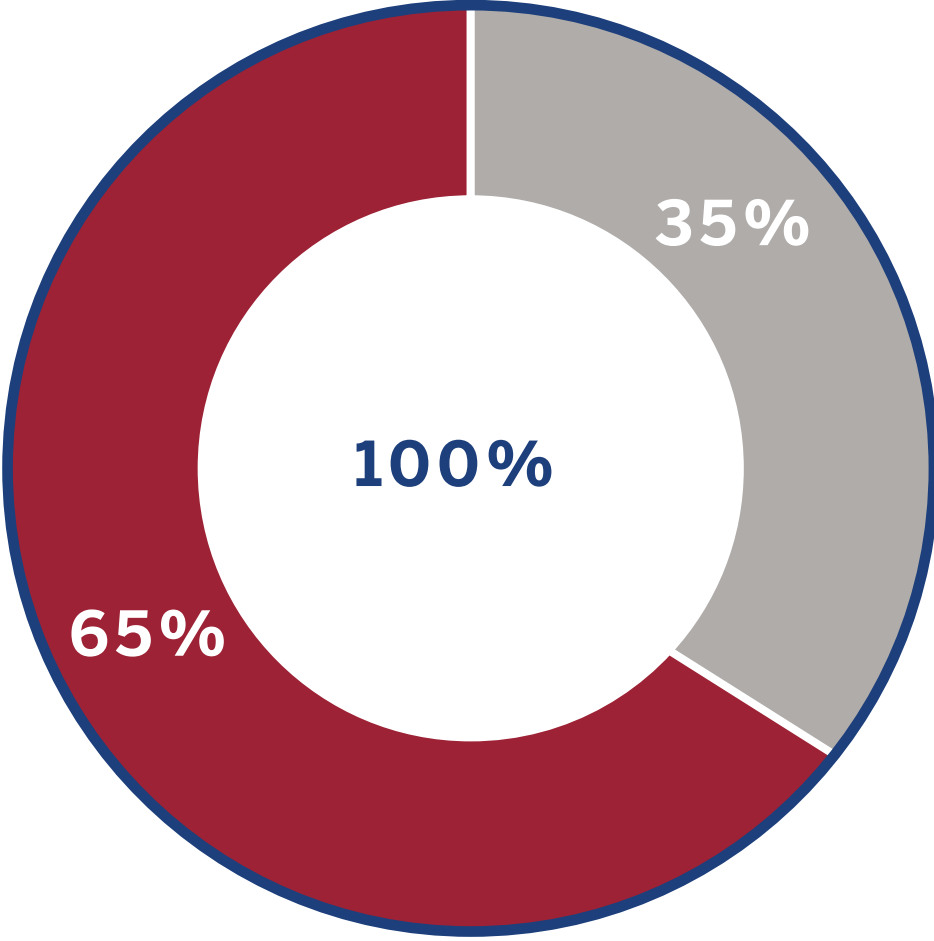
CODING SPACE

Room Use Category

LECTURE
Classrooms
Support Spaces

LAB
Labs
Support Spaces

OFFICE
Offices
Support Spaces

LIBRARY
Library
Study
Tutorial

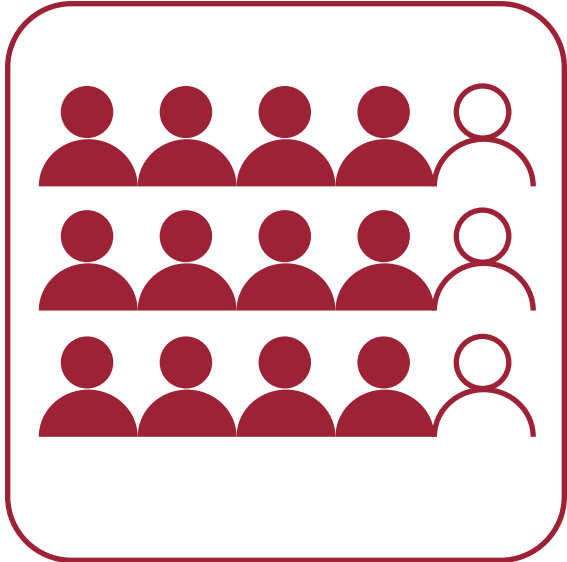**INSTRUCTIONAL MEDIA**
AV/IT
Technology

OTHER
PE
Assembly
Food Service
Lounge
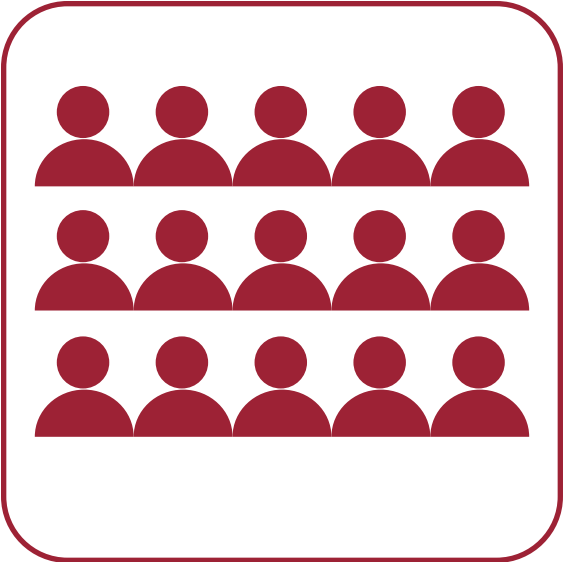*Bookstore*
Meeting Rooms
Data Processing
Health Service
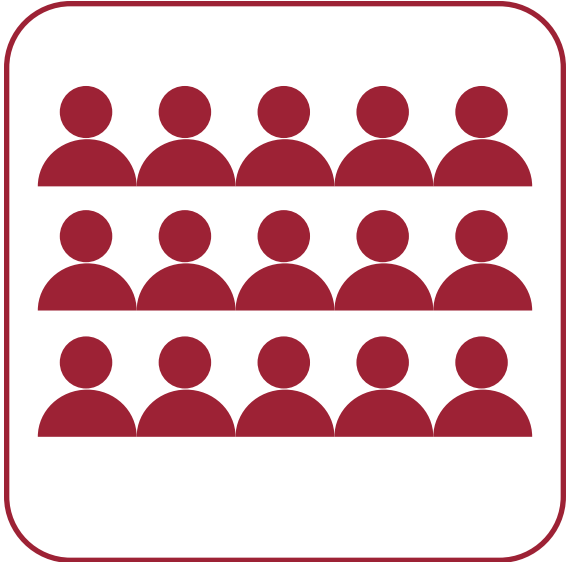
Capacity/Loads Categories

CAPACITY LOADS

Measure of the Space Utilization

LOW USE
Over 100%
cap/load

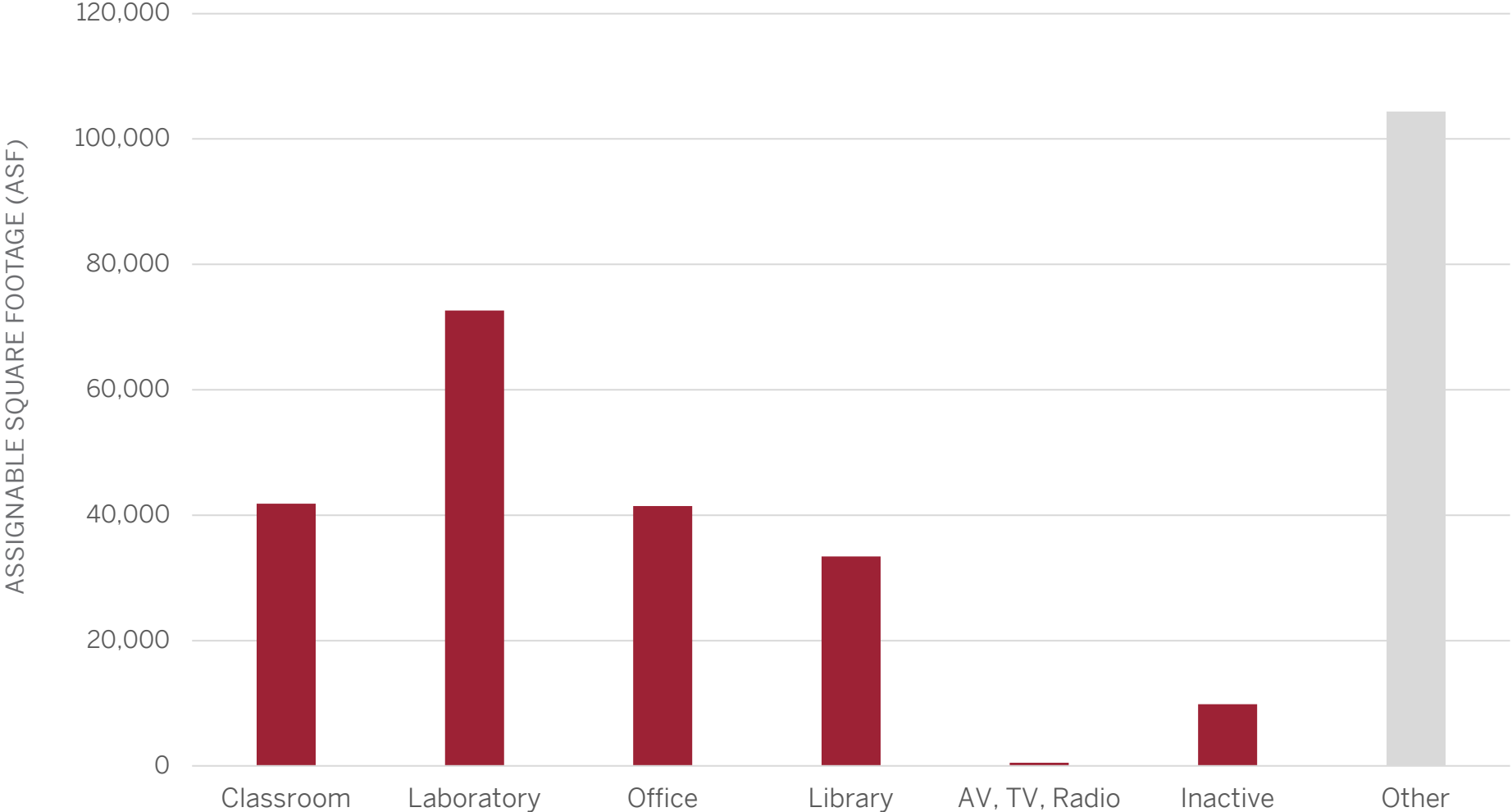**overbuilt**

RIGHT USE
At 100%
cap/load

HIGH USE
Under 100%
cap/load

under-built

*Eligible for
State Funding*

SPACE ANALYSIS
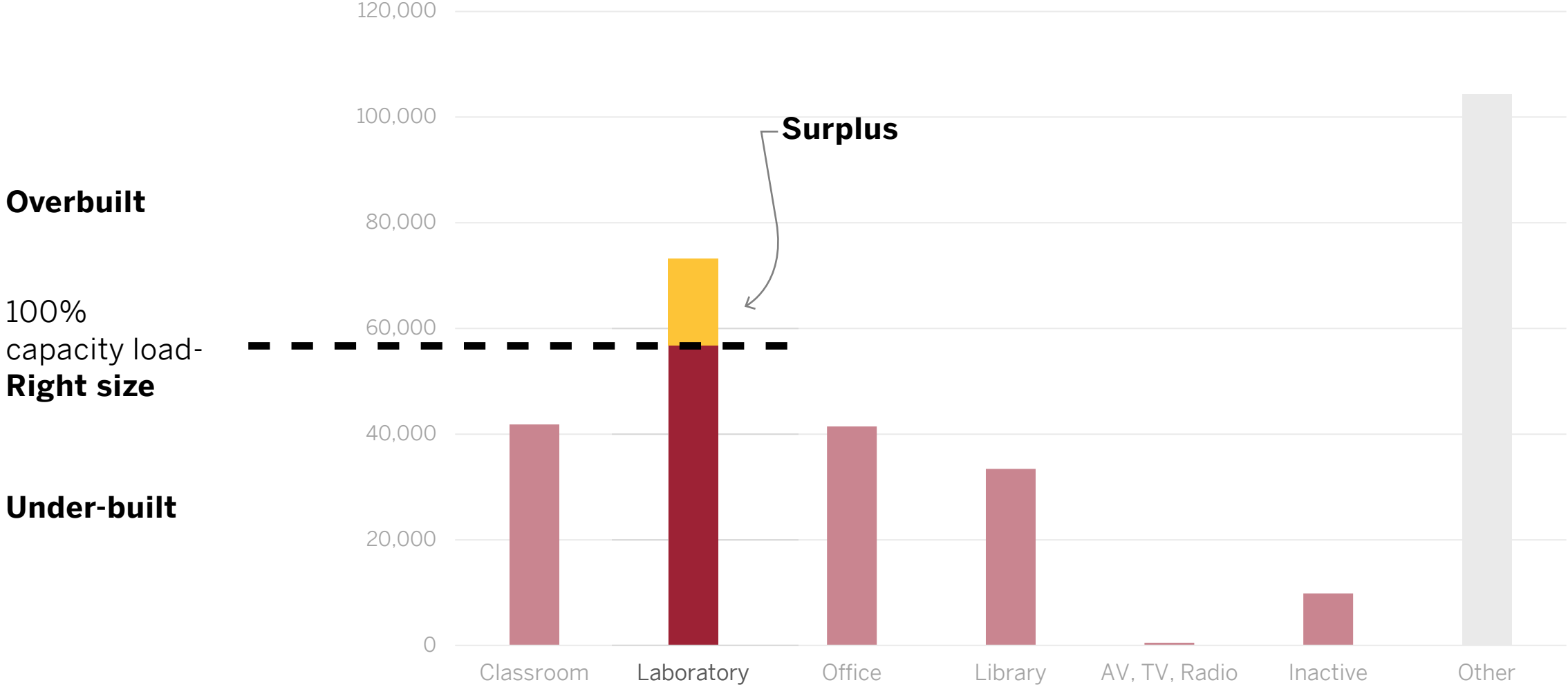
Los Medanos College - 2023 Space Inventory

SPACE ANALYSIS

Capacity/Load - 2030 Forecast **Example**

EXAMPLE

Surplus

Overbuilt

100%
capacity load-
Right size

Under-built

120,000

100,000

80,000

60,000

40,000

20,000

0

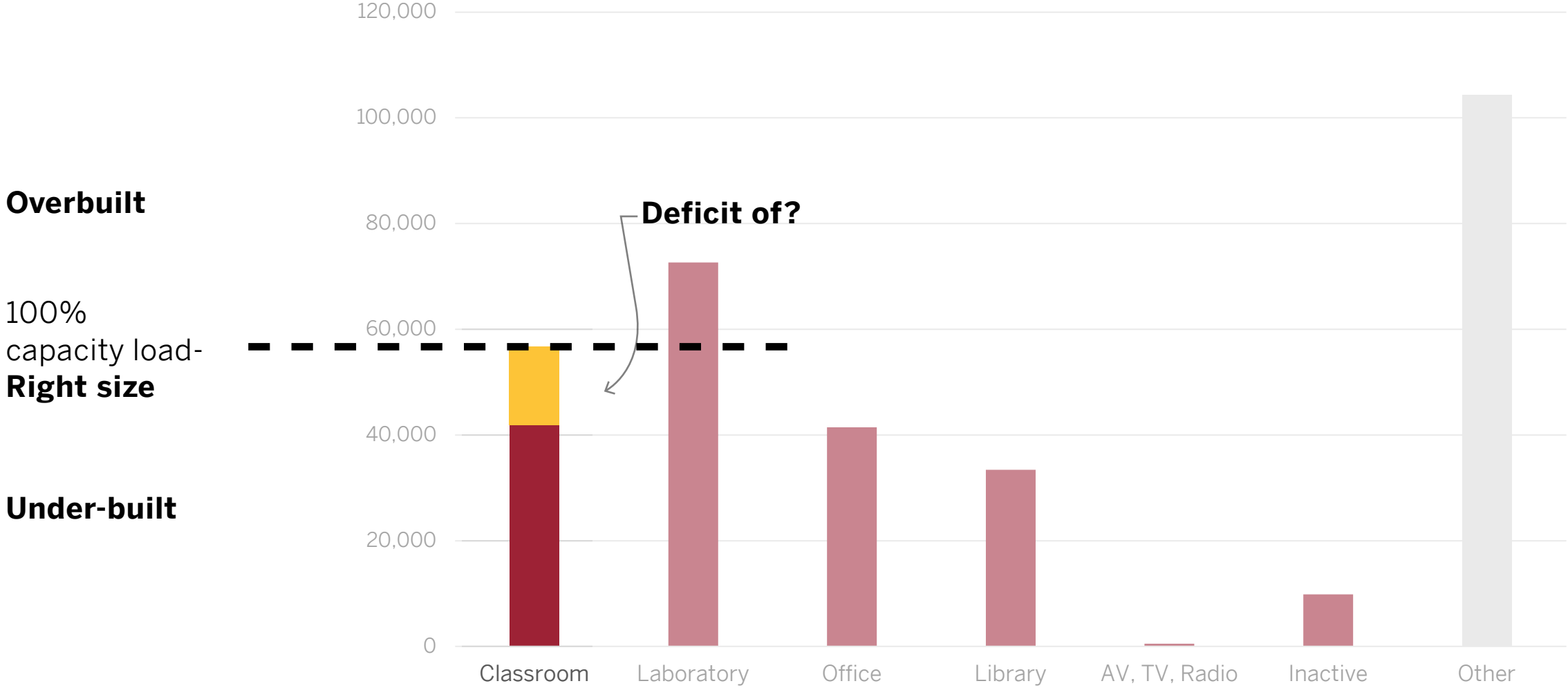Classroom **Laboratory** Office Library AV, TV, Radio Inactive Other

SPACE ANALYSIS

Capacity/Load - 2030 Forecast **Example**

THANK YOU!