CONTRA COSTA COMMUNITY COLLEGE DISTRICT

Facilities Master Planning

AUGUST 16, 2023

steinberg hart

AGENDA

01 Process + Engagement

02 Planning Foundation

03 Initial Analysis

04 Next Steps

05 We Want to Hear from You!

INTRODUCTIONS

Meet the Team

Rob

Principal in Charge

Nicole

Senior Planner

Benedetta

Senior Planner

Jessa

Planner

COMPREHENSIVE EXPERTISE

Outreach • Campus Assessments • Sustainability • Landscape • Cost Estimating • Pedagogy & Technology • Space Utilization

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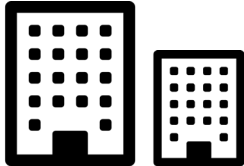
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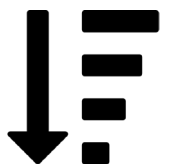
OUR TASK

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 & ENGAGEMENT
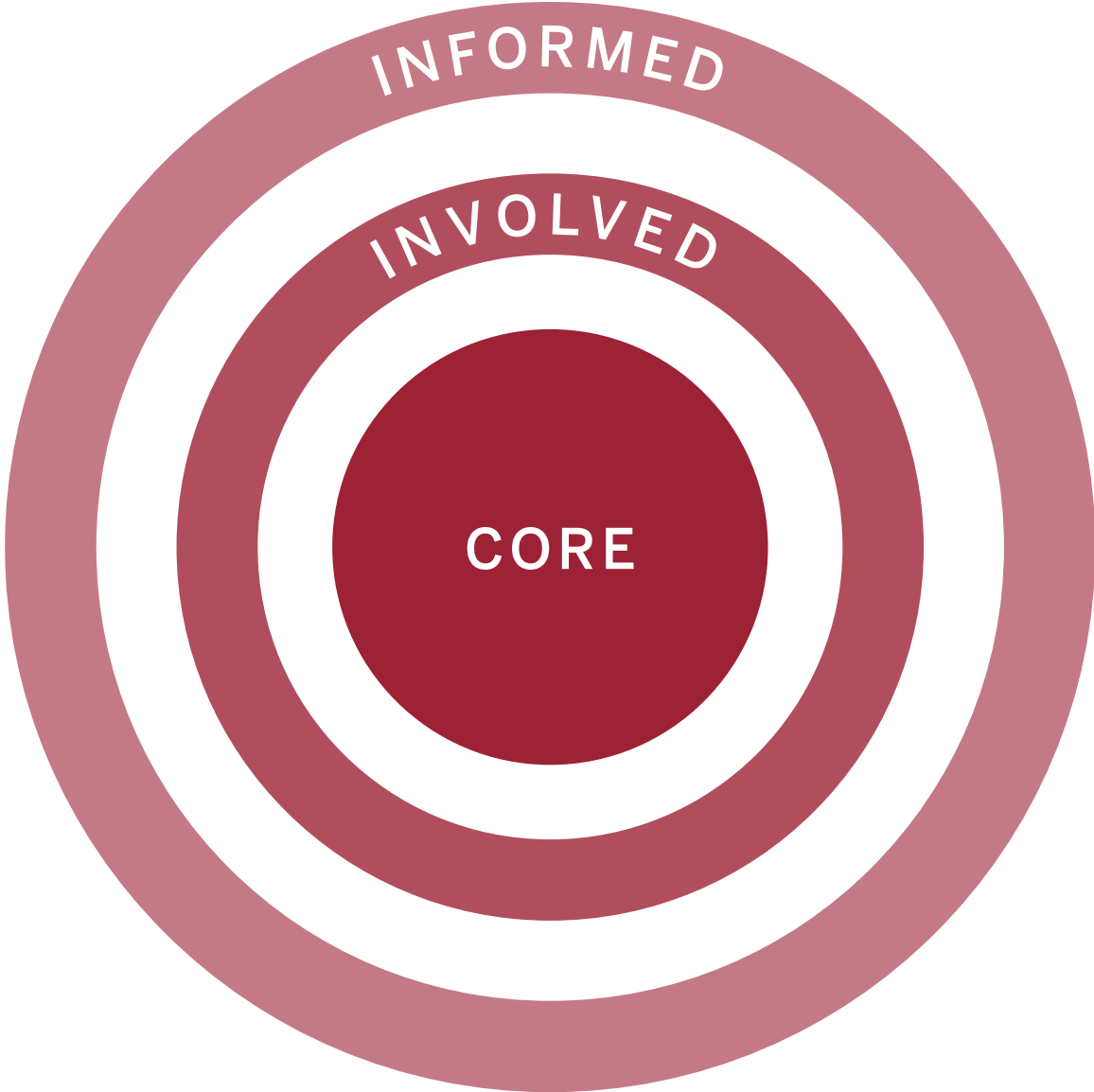
Stakeholder Groups

STEERING COMMITTEE

- President's Cabinet
- District Leadership

INVOLVED

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

INFORMED

- Campus Community
- External Community
- Other Additinal Stakeholder Groups

INFORMED

INVOLVED

CORE

Governing Board will be providing feedback and approval

PROCESS & ENGAGEMENT

Stakeholder Groups

	Stakeholder	Meeting Day	Meeting Time	Interview Schedule
Committee	Career Technical Education	2nd Tuesday	1:00 PM	12-Sep
	Curriculum	Sep/6,20 Oct/4,18 Nov/1,15,29	2:30 - 4:30 pm	6-Sep
	Distance Education	1st & 3rd Monday	2:15 - 3:00 pm	18-Sep
	Equal Employment Opportunity (EEO)	2nd Tuesday	2:30 - 4:30 pm	12-Sep
	General Education	2nd & 4th Wednesday	1:00 - 2:25 pm	13-Sep
	Institutional Development for Equity & Access (IDEA)	3rd Thursday	2:30 - 3:50 pm	8/24 or 9/21
	Planning	1st Thursday	1:00 - 3:00 pm	7-Sep
	Professional Development (PDAC)	4th Thursday	2:00 - 3:00 pm	31-Aug
	Safety & Security	3rd Thursday	3:00 - 4:30 pm	8/24 or 9/21
	Shared Governance Council	2nd & 4th Wednesdays	2:00 - 4:00 pm	13-Sep
	Strategic Enrollment Management	1st & 3rd Tuesday	3:30 - 5:00 pm	8/22 or 9/5
	Sustainability	3rd Wednesday	2:00 - 3:00 pm	8/23 or 9/20
	Teaching and Learning	2nd Tuesday	2:30 - 3:55 pm	12-Sep
	Technology Advisory Group (TAG)	4th Tuesday	2:00 PM	29-Aug
Senate	Academic Senate	Mon - Aug 28, 2023 Mon - Sep 11, 2023 Mon - Sep 25, 2023 Mon - Oct 9, 2023 - No Meeting Mon - Oct 16, 2023 Mon - Oct 30, 2023 Mon - Nov 13, 2023 Mon - Nov 27, 2023	3:00 - 4:30 pm	Sept 11, October 16, Nov 27
	Classified Senate	usually same as Academic Senate (above)		Sept 11, October 16, Nov 28
	LMCAS			

	Stakeholder	Meeting Day	Meeting Time	Interview Schedule
Other Groups	Athletics			
	Basic Needs Center			
	Brentwood (meeting at Brentwood...and need to identify specific individuals)			
	Building & Grounds			
	Child Development Center			
	Counseling			
	Career Technical Education			
	College Complex - Instructional			
	College complex - Operational			
	Information Technology & Systems			
	Learning Communities			
	Library			
	Math			
	Nursing			
	Performing Arts Center			
	Police Services			
	Sciences			
	SSLT			
	Student Services (as a division)			
	Student Groups			August 16th, AM
	Tutoring			
	Veterans			

PROCESS & ENGAGEMENT

Timeline

Month

| April | MAY | JUN | JUL | AUG | SEPT | OCT | NOV | DEC | JAN | FEB | MAR | APR |

Phase

| Phase 1: Discovery & Analysis | Phase 2: Concept Alternatives | Phase 3: Final Development & Documentation |

Work Session #1   Work Session #2   Work Session #3A   Work Session #3B   Work Session #4   Work Session #5   Optional

Engagements

Site Visits

Scope

Phase 1	Phase 2	Phase 3
• **Data Requests/Review** • **District Outreach** • **Colleges' Outreach** • **Vision and Goals** • **EMP <--> FMP Crosswalks** • **Space Needs Analysis** • **Space Utilization Analysis** • **Facilities Condition Assessment** • **Existing Conditions Review (Ext.)** • **Open Space** • **Sustainability** • **Accessibility Review** • **Mobility Networks** • **Wayfinding and Signage** • **Infrastructure Condition Review**	• **Vision, Goals, and Priority Development** • **Concept Alternatives** • **Building and Land Use Strategy** • **Landscape and Open Space Strategy** • **Mobility Strategy** • **Student Life and Services Strategy** • **Sustainability Strategy** • **Utilities and Infrastructure Strategy** • **Wayfinding & Signage Strategy**	• **Project Descriptions** • **Implementation Plan** • **Master Plan Budgeting/Estimating** • **Draft and Final Master Plan Documentation** • **Utilities and Infrastructure Plan** • **Electrification Study** • **Design Guidelines & Standards**

KEY

Engagement Groups
- **D** District Leadership
- **C** Core Group / Steering Committee
- **I** Involved / Senates & SBG
- **F** Informed / College Assembly

Engagement Types
- **W** Workshop
- **I** Interview
- **R** Road Show
- **S** Survey

Workshop: Virtual or in person presentation of process intended to elicit feedback. Occur every 4-6 weeks throughout the project. Focused on working though the design and planning process and garnering feedback from key stakeholders at important milestones of the project.

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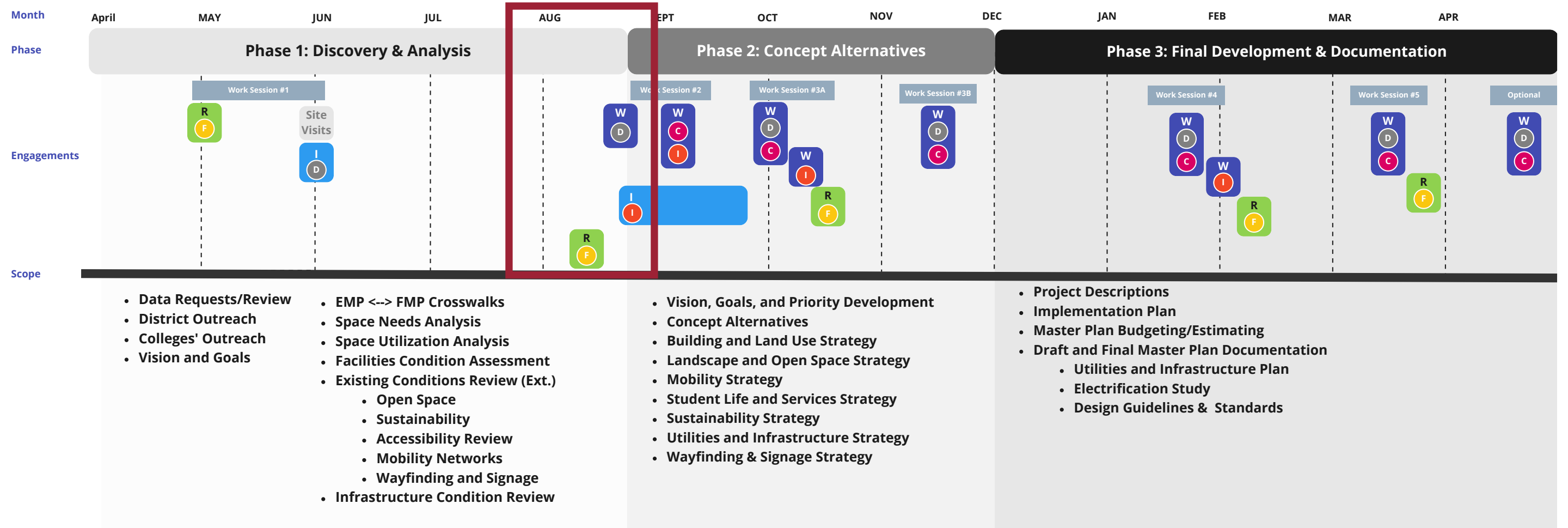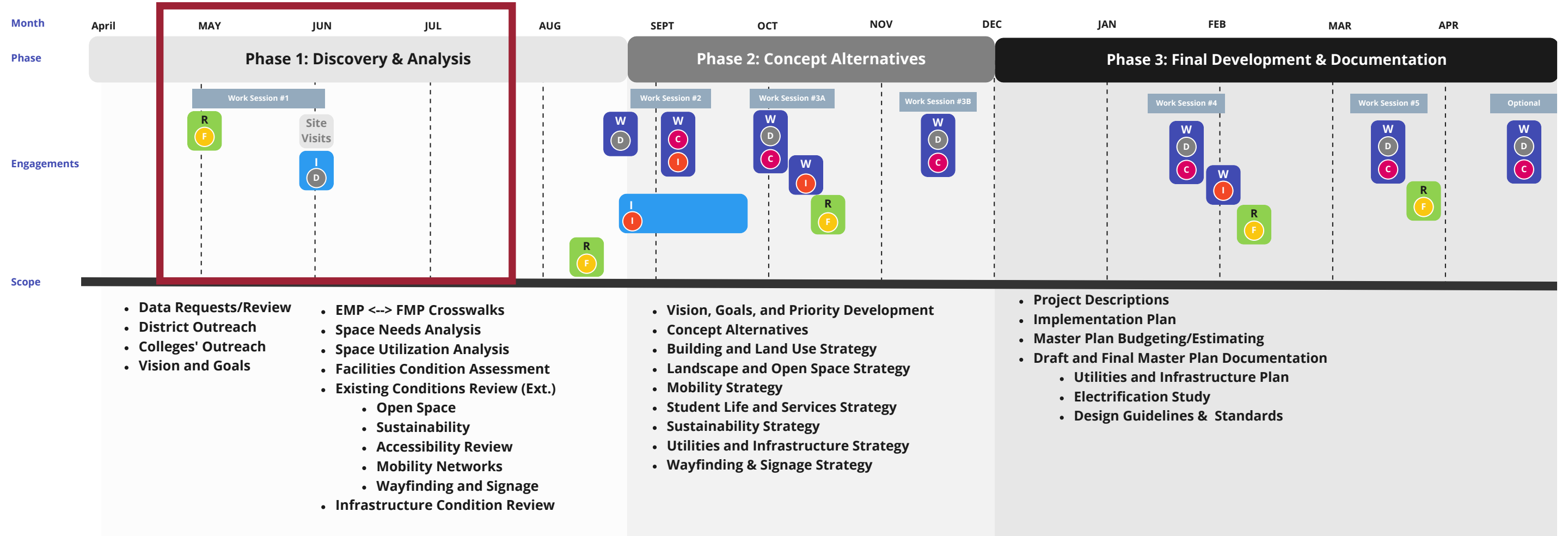
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PROCESS & ENGAGEMENT

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Site Visits

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Phase 2: Concept Alternatives

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Phase 3: Final Development & Documentation

- **Project Descriptions**
- **Implementation Plan**
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PROCESS & ENGAGEMENT

Discovery & Analysis Phase

1

PROJECT OVERVIEW

2

CAMPUS TOURS & INTERVIEWS

3

GATHERING DATA & RESEARCH

CONTRA COSTA
COMMUNITY COLLEGE
DISTRICT

Facilities Master Planning

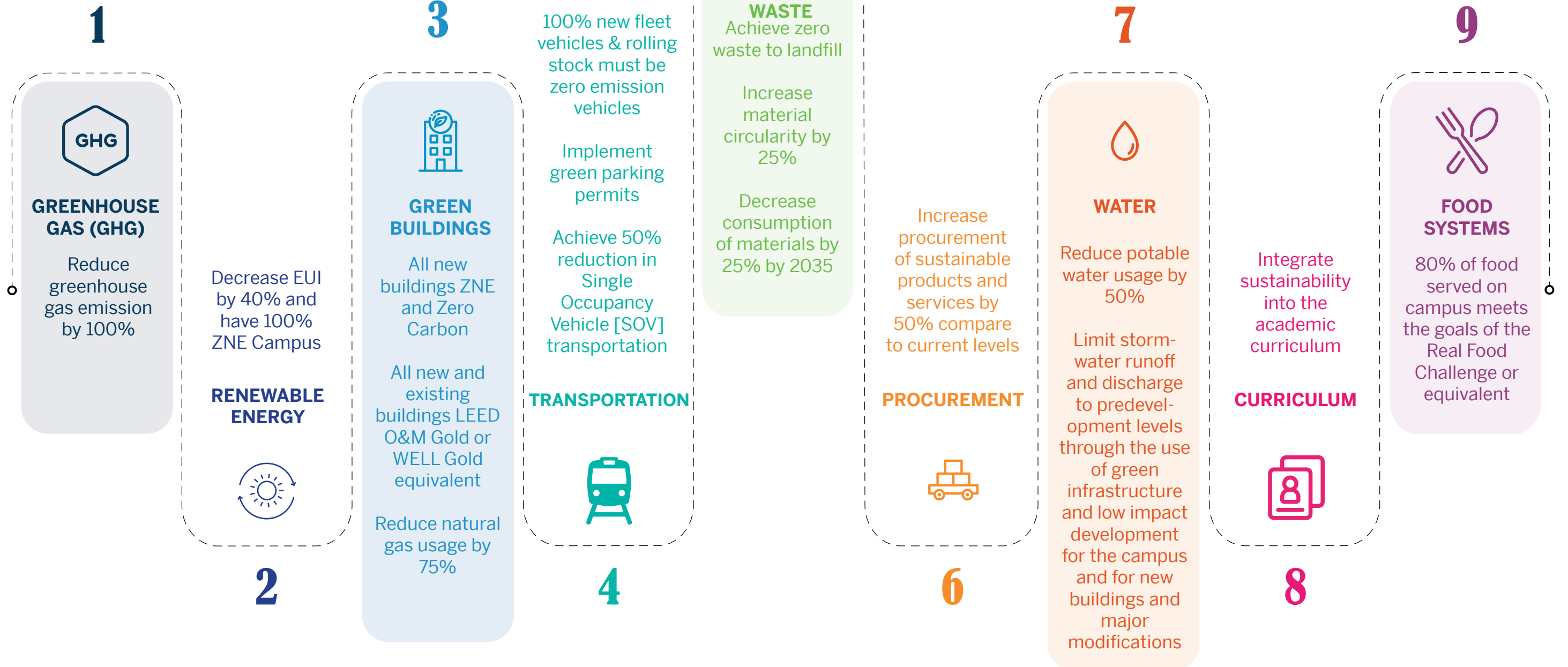MONDAY MAY 1, 2023

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PLANNING FOUNDATION

02

PLANNING FOUNDATION

District Strategic Directions 2020-2050

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 2020-2050

PLANNING FOUNDATION

2035 Disitrctwide 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%

4

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

5

ZERO WASTE

Achieve zero waste to landfill

Increase material circularity by 25%

Decrease consumption of materials by 25% by 2035

6

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

PROCUREMENT

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

8

Integrate sustainability into the academic curriculum

CURRICULUM

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

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

Source: LMC Educational Master Plan | 2020-2025

INITIAL ANALYSIS

03

REGIONAL CONTEXT

District Map

LEGEND

- ▢ Contra Costa County
- ▢ City Limits
- ◉ Contra Costa College
- ◉ Diablo Valley College
- ◉ Los Medanos College
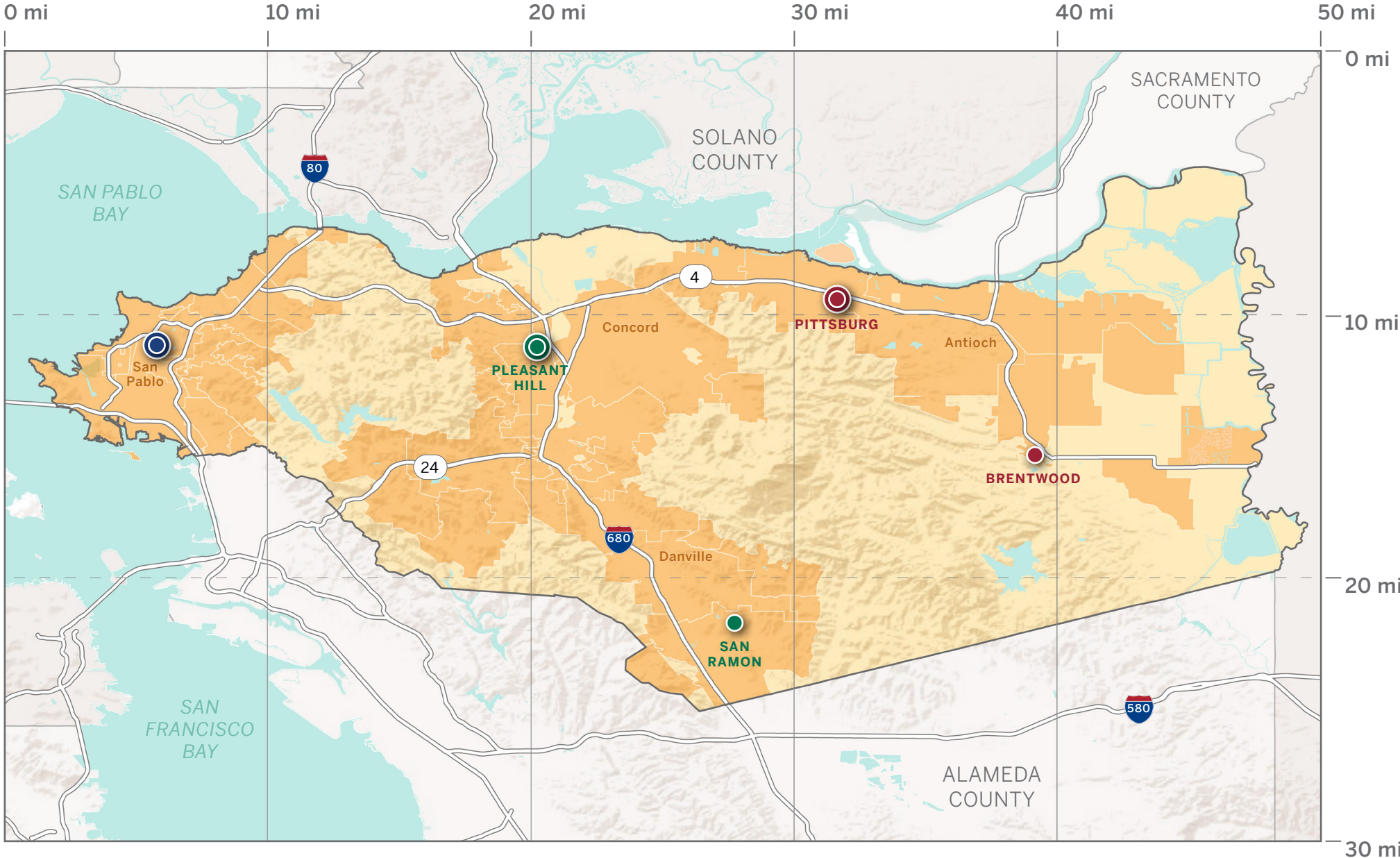
NEIGHBORHOOD CONTEXT

Transit Network

LEGEND

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

⬤ **BART Station** *Pittsburg Center*

— **Tri Delta Bus Line**

— **County Connection Bus Line**

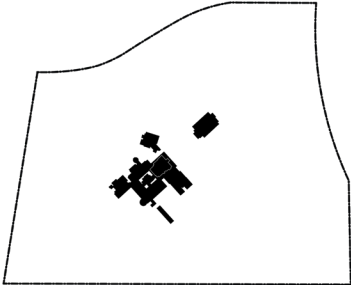○ **Bus Stop**
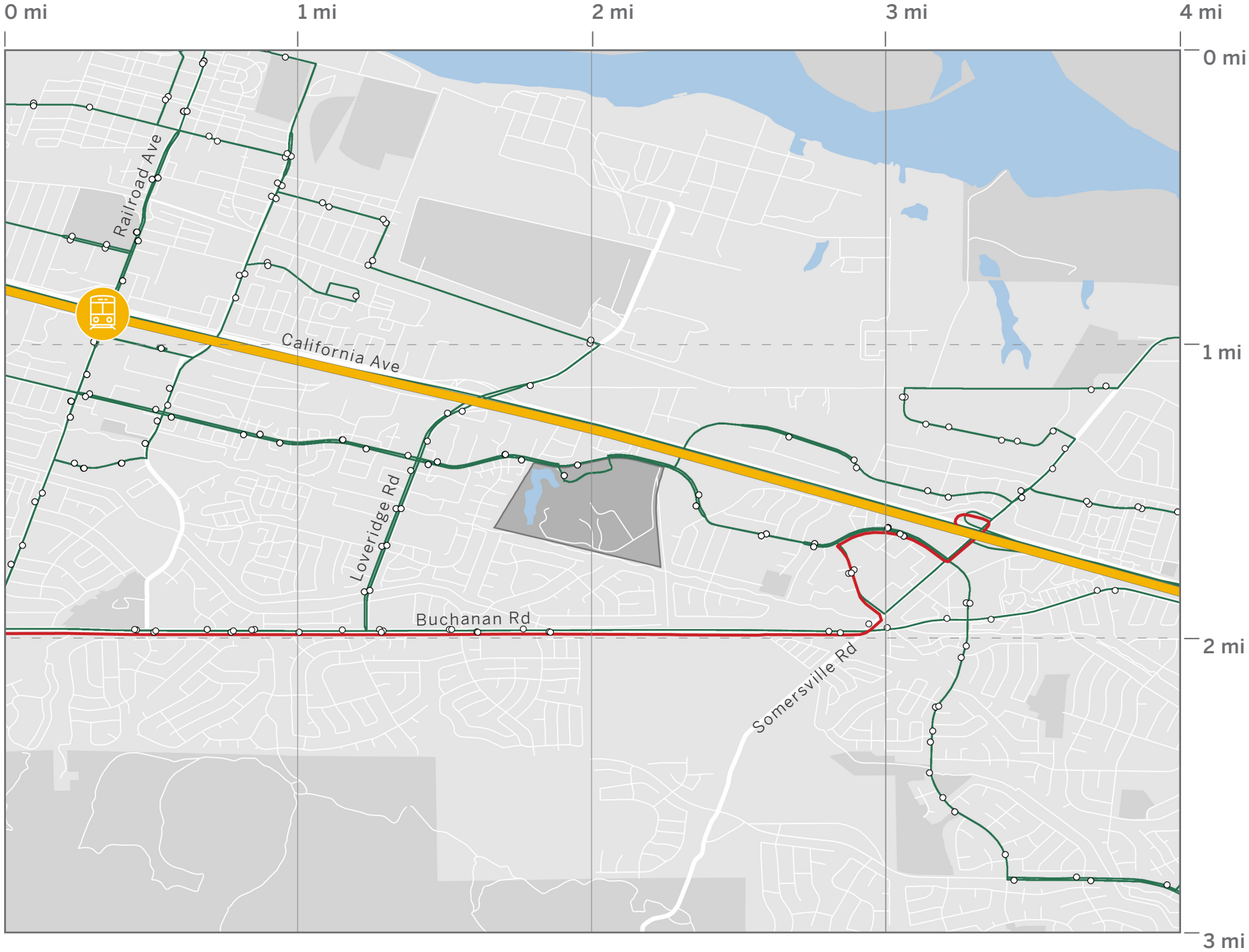
PITTSBURG CAMPUS

Buildings

CC	College Complex
CO	College Core
CS	Campus Safety
CSC	Child Services Center
EL	ETEC Lab
Gym	Gym
KAC	Kinesiology & Athletics Complex
L	Library
MA	Math
MU	Music
M&O	Maintenance
PS	Classrooms
SC	Science
SS	Student Services
SU	Student Union
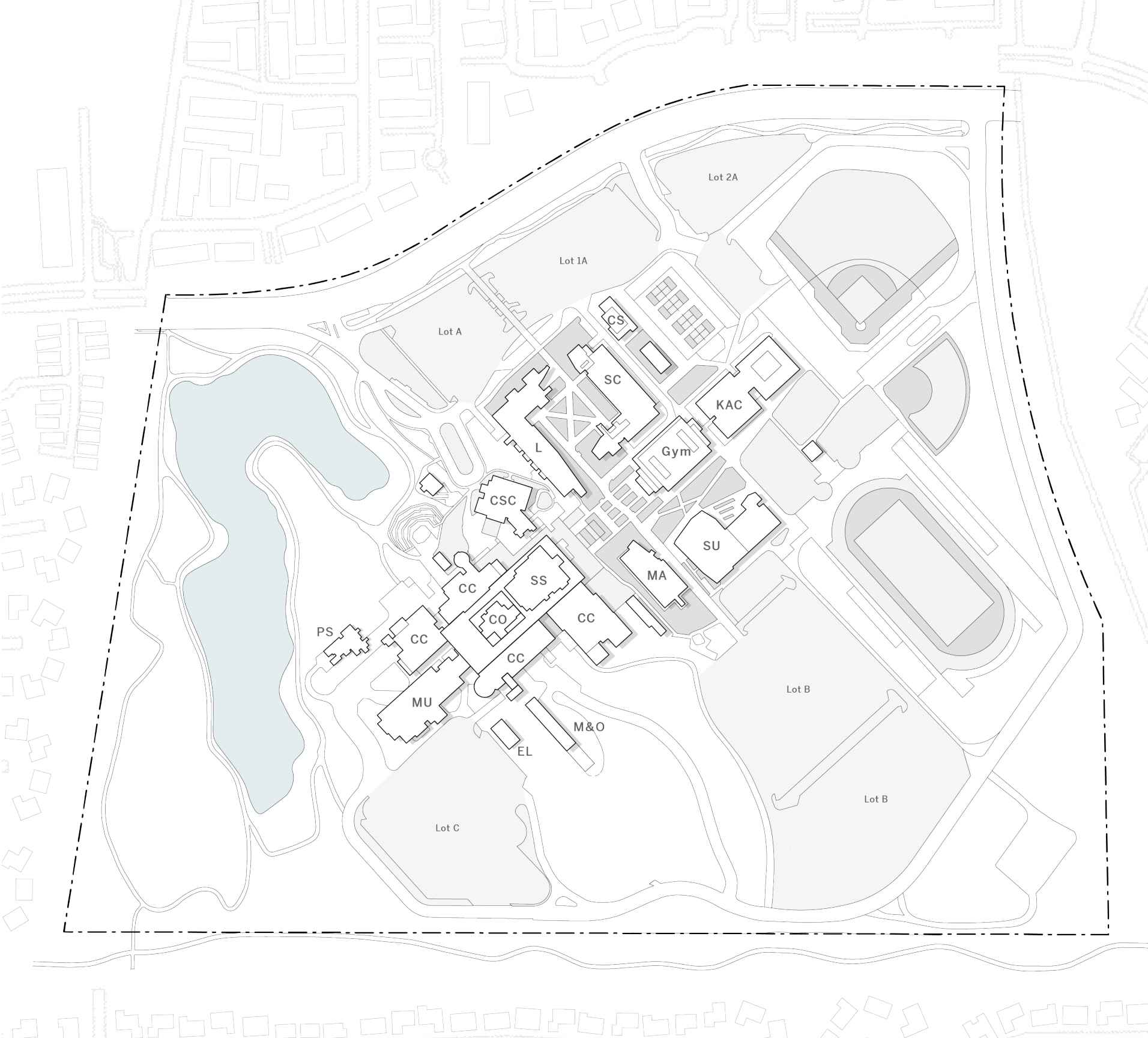
CAMPUS ANALYSIS

Building Age

1970s
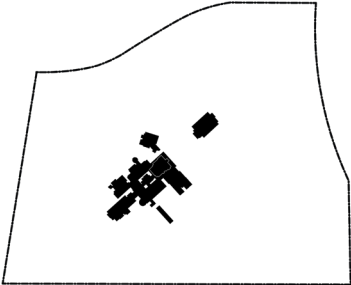
1990s
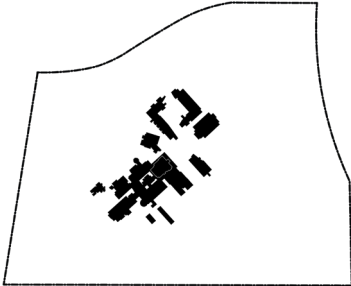
2000s

Present

LEGEND

1970s

1980s-1990s

2000s

2010s-Present

CS

SC

KAC

L

Gym

CSC

SS

CC

CO

CC

PS

CC

CC

MU

SU

MA

EL

M&O

CAMPUS ANALYSIS

Facilities Condition Index

- 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%)
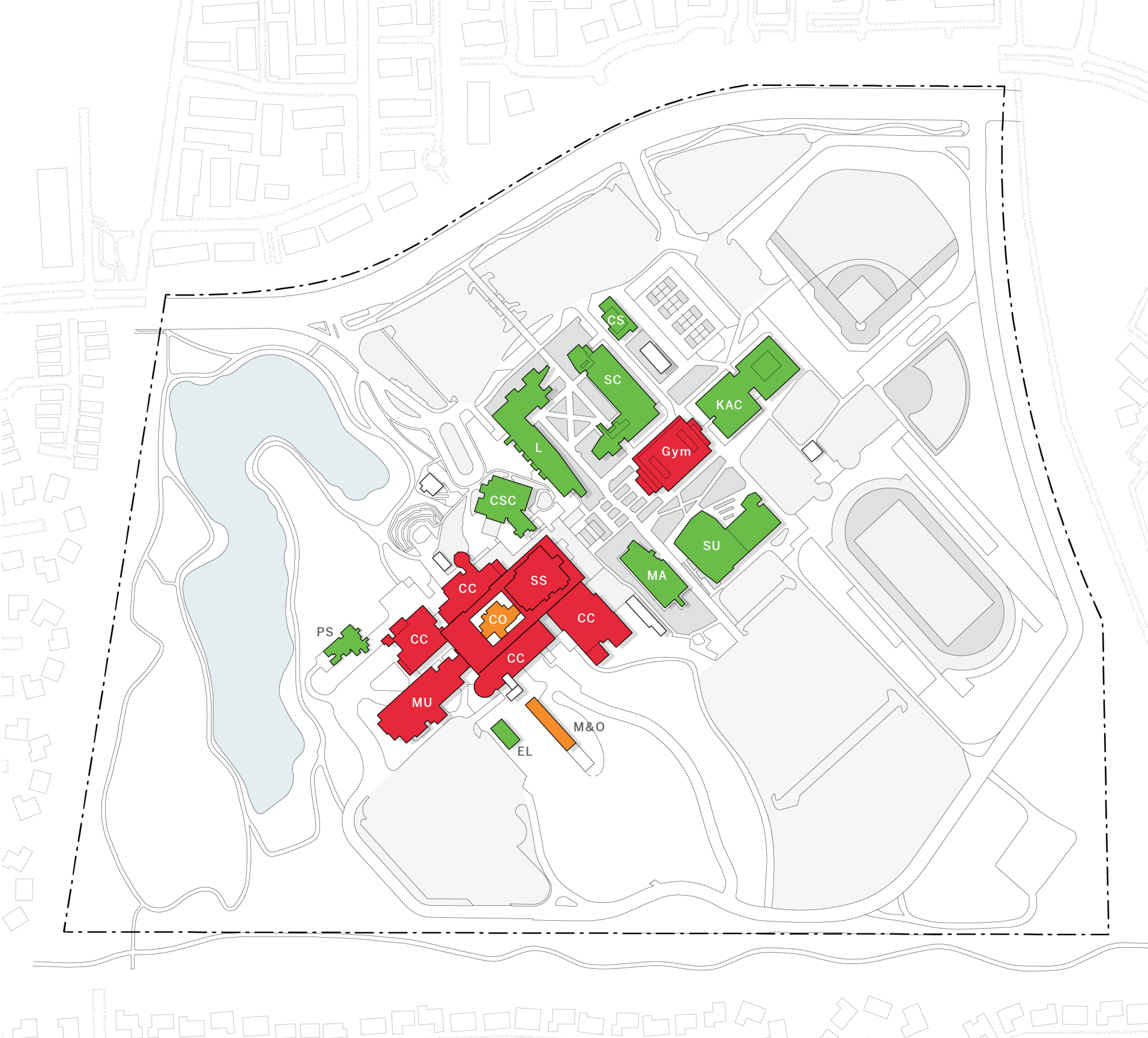
CAMPUS ANALYSIS

Primary Building Use

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

- Special Use includes Library, Community Service, Child Care, Assembly Service, Logistical Services, Food Services, and more

LEGEND

- Classroom
- Lab
- Office
- Special Use
- Athletics
- Support
- Inactive/Unknown

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

3RD FLOOR/OVERALL

CC
CC

1ST FLOOR

CC
CC
CC

2ND FLOOR
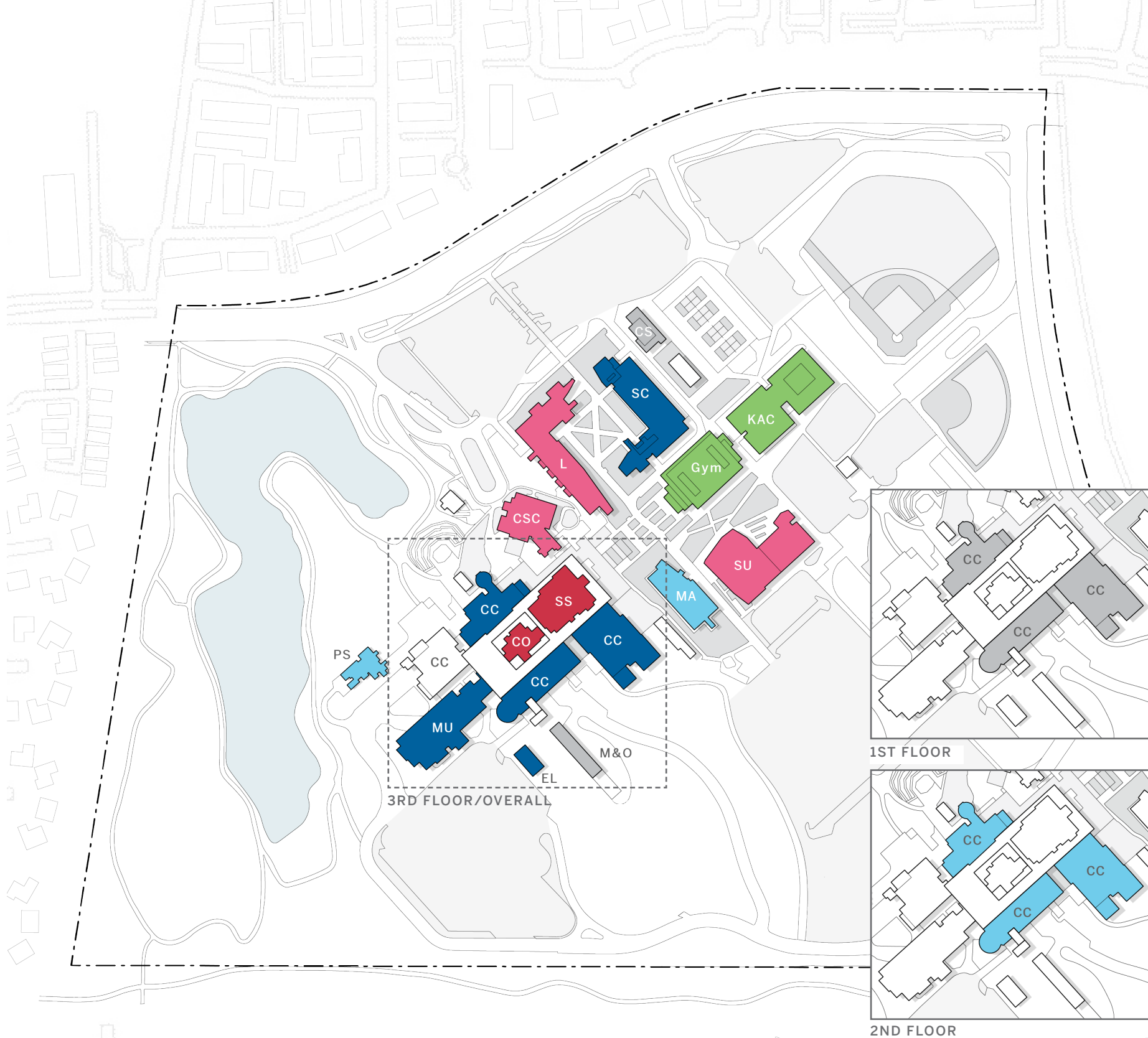
EXTENSIVE ANALYSIS

What you will see next

SEPTEMBER

- Physical Analysis (regional, neighborhood, campus)
  - Building Use
  - Land Use
  - Landscape & Open Space
  - Mobility (Pedestrian, Transit, Vehicular, ADA, Bike, Multi-modal)
  - Parking
- Demographics Analysis
  - County
  - District
  - College
- Enrollment Analysis
- WSCH Analysis

OCTOBER

- Space Utilization
- Sustainability
- Wayfinding
- Facilities Condition

INCLUSIVE OF CAMPUS & CENTER

NEXT STEPS

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PROCESS & ENGAGEMENT

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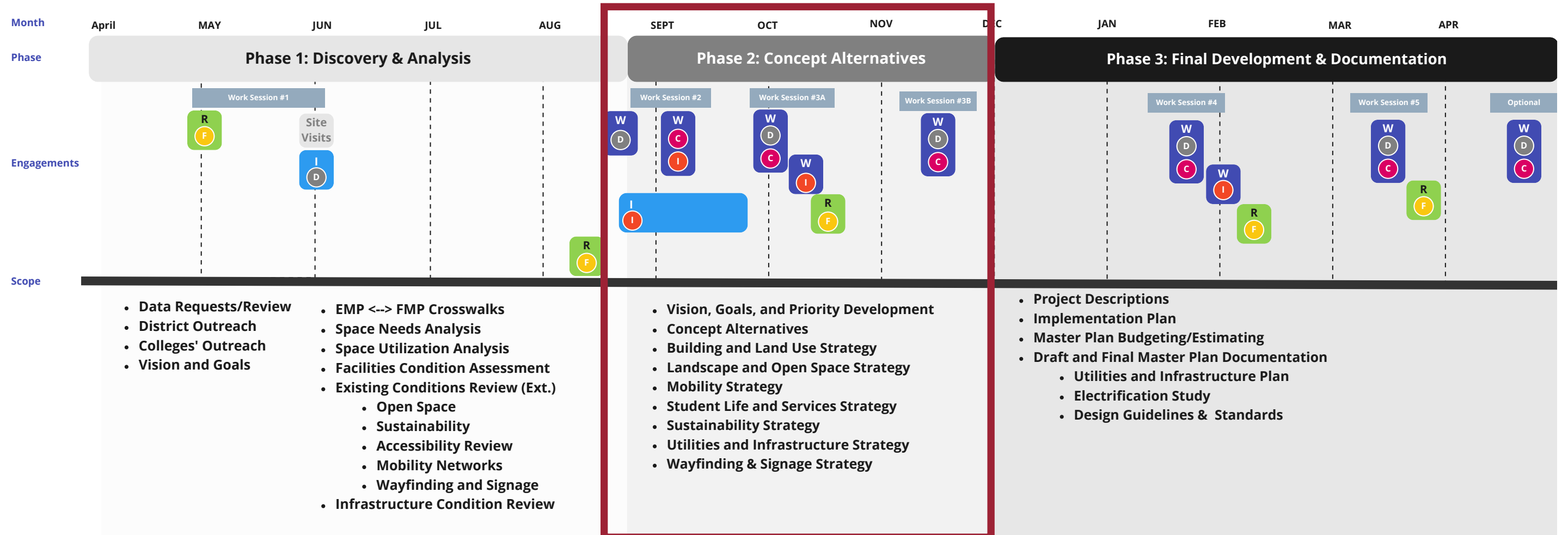| Phase 1: Discovery & Analysis | Phase 2: Concept Alternatives | Phase 3: Final Development & Documentation |

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