MT. SAN ANTONIO COLLEGE 2018 Educational and Facilities Master Plan

DECEMBER 1, 2017 MASTER PLAN STEERING TASK FORCE MEETING

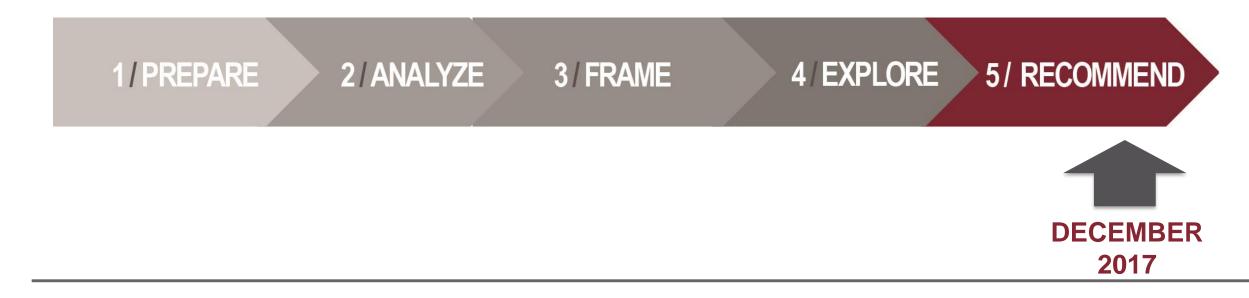






SEPTEMBER 2016

SPRING 2018



2018 EDUCATIONAL AND FACILITIES MASTER PLAN





UPDATES

/ Completion of Educational Planning (Chapters 1–6)
/ Completion of Parking and Circulation Master Plan
/ Facilities Master Planning Status
/ Introduction and Chapters 7–8 (reviewed by MPSTF and CMPCT, comments due today)
/ Chapters 9, 10, 11, and 12 (in progress)
/ Ongoing discussions with CMPCT regarding recommendations

/ Special Board Meeting on February 3rd









EFNP Document Review: Table of Contents

2018 EDUCATIONAL AND FACILITIES MASTER PLAN





DOCUMENT REVIEW: TABLE OF CONTENTS

VOLUME 1

/ Introduction: Reviewed (due today)

/ Educational Planning (Chapters 1–6): Reviewed and Completed

- Chapter 1: Background
- Chapter 2: Profile of the College's Communities and Students
- Chapter 3: Instructional Programs
- Chapter 4: Student Services
- Chapter 5: Administrative Services and Human Resources
- Chapter 6: Master Plan Themes





DOCUMENT REVIEW: TABLE OF CONTENTS

VOLUME 2

/ Facilities Planning (Chapters 7–10):

- Chapter 7: Existing Facilities and Site Analysis Reviewed (due today) \bullet
- Chapter 8: *Environmental Analysis* Reviewed (due today)
- Chapter 9: Framework for Facilities Recommendations In development
- Chapter 10: Facilities Recommendations In development









DOCUMENT REVIEW: TABLE OF CONTENTS

VOLUME 3

/ Facilities Planning (Chapters 11–12):

- Chapter 11: Site Infrastructure and Improvements Recommendations In development
- Chapter 12: Implementation In development

VOLUME 4 / Appendix







Project List Review

2018 EDUCATIONAL AND FACILITIES MASTER PLAN





PROJECT CATEGORIES

Chapter 10: Facilities Recommendations

/ Major New Buildings / Major Renovations / Campus-wide Facilities Projects

- / Other Facilities Projects
 - / Minor Projects
 - / Scheduled Maintenance

Chapter 11: Site Infrastructure and Improvements Recommendations

/ Site Improvements / Farm Recommendations / Landscape Guidelines

Chapter 12: Implementation

/ Phasing / Removals

/ Building Renumbering / Future Asset Development

Facilities Planning

2018 EDUCATIONAL AND FACILITIES MASTER PLAN





// SEPTEMBER 6TH DRAFT PROJECT LIST //



// CURRENT PROJECT LIST //

/ Facilities: Reviewed by CMPCT

- Fine Art
- Makerspace

/ Site Development: On-going Review /



E	XISTING FACILITIES
N	IEW MAJOR BUILDINGS
N	1AJOR RENOVATIONS
P	ARKING STRUCTURES



Facilities Projects

List

2018 EDUCATIONAL AND FACILITIES MASTER PLAN





// NEW MAJOR BUILDINGS //

/ Adult Education



EXISTING FACILITIES	
NEW MAJOR BUILDINGS	
MAJOR RENOVATIONS	
PARKING STRUCTURES	



// NEW MAJOR BUILDINGS //

/ Adult Education/ Auditorium



EXISTING FACILITIES	
NEW MAJOR BUILDINGS	
MAJOR RENOVATIONS	
PARKING STRUCTURES	



// NEW MAJOR BUILDINGS //

/ Adult Education/ Auditorium/ Bookstore



EXISTING FACILITIES	
NEW MAJOR BUILDINGS	
MAJOR RENOVATIONS	
PARKING STRUCTURES	



// NEW MAJOR BUILDINGS //

/ Adult Education / Auditorium / Bookstore / Campus Safety

LEGEND

EXISTING FACILITIES	
NEW MAJOR BUILDINGS	
MAJOR RENOVATIONS	
PARKING STRUCTURES	



// NEW MAJOR BUILDINGS //

/ Adult Education
/ Auditorium
/ Bookstore
/ Campus Safety
/ Fine Arts

EXISTING FACILITIES	
NEW MAJOR BUILDINGS	
MAJOR RENOVATIONS	
PARKING STRUCTURES	



// NEW MAJOR BUILDINGS //

/ Adult Education
/ Auditorium
/ Bookstore
/ Campus Safety
/ Fine Arts
/ Library/Learning Resources

EXISTING FACILITIES	
NEW MAJOR BUILDINGS	
MAJOR RENOVATIONS	
PARKING STRUCTURES	



// NEW MAJOR BUILDINGS //

/ Adult Education
/ Auditorium
/ Bookstore
/ Campus Safety
/ Fine Arts
/ Library/Learning Resources
/ Makerspace

	EXISTING FACILITIES	
1	NEW MAJOR BUILDINGS	
	MAJOR RENOVATIONS	
	PARKING STRUCTURES	



// NEW MAJOR BUILDINGS //

/ Adult Education
/ Auditorium
/ Bookstore
/ Campus Safety
/ Fine Arts
/ Library/Learning Resources
/ Makerspace
/ Nature Center

EXISTING FACILITIES	
NEW MAJOR BUILDINGS	
MAJOR RENOVATIONS	
PARKING STRUCTURES	



// NEW MAJOR BUILDINGS //

/ Adult Education
/ Auditorium
/ Bookstore
/ Campus Safety
/ Fine Arts
/ Library/Learning Resources
/ Makerspace
/ Nature Center
/ Physical Education Complex

EGEND	
EXISTING	F

EXISTING FACILITIES	
NEW MAJOR BUILDINGS	
MAJOR RENOVATIONS	
PARKING STRUCTURES	



// NEW MAJOR BUILDINGS //

/ Adult Education
/ Auditorium
/ Bookstore
/ Campus Safety
/ Fine Arts
/ Library/Learning Resources
/ Makerspace
/ Nature Center
/ Physical Education Complex
/ School of Continuing Education

EXISTING FACILITIES	
NEW MAJOR BUILDINGS	
MAJOR RENOVATIONS	
PARKING STRUCTURES	



// NEW MAJOR BUILDINGS //

/ Adult Education
/ Auditorium
/ Bookstore
/ Campus Safety
/ Fine Arts
/ Library/Learning Resources
/ Makerspace
/ Makerspace
/ Nature Center
/ Physical Education Complex
/ School of Continuing Education
/ Science

EXISTING FACILITIES	
NEW MAJOR BUILDINGS	
MAJOR RENOVATIONS	
PARKING STRUCTURES	



// NEW MAJOR BUILDINGS //

/ Adult Education
/ Auditorium
/ Bookstore
/ Campus Safety
/ Fine Arts
/ Library/Learning Resources
/ Makerspace
/ Nature Center
/ Physical Education Complex
/ School of Continuing Education
/ Science

/ Student Center

EXISTING FACILITIES	
NEW MAJOR BUILDINGS	
MAJOR RENOVATIONS	
PARKING STRUCTURES	



// NEW MAJOR BUILDINGS //

/ Adult Education / Auditorium / Bookstore / Campus Safety / Fine Arts / Library/Learning Resources / Makerspace / Nature Center / Physical Education Complex / School of Continuing Education / Science / Student Center / Student Services North

EXISTING FACILITIES
NEW MAJOR BUILDINGS
MAJOR RENOVATIONS
PARKING STRUCTURES



// NEW MAJOR BUILDINGS //

/ Adult Education / Auditorium / Bookstore / Campus Safety / Fine Arts / Library/Learning Resources / Makerspace / Nature Center / Physical Education Complex / School of Continuing Education / Science / Student Center / Student Services North LEGEND / Technical Education

EXISTING FACILITIES NEW MAJOR BUILDINGS MAJOR RENOVATIONS PARKING STRUCTURES



// NEW MAJOR BUILDINGS //

/ Adult Education / Auditorium / Bookstore / Campus Safety / Fine Arts / Library/Learning Resources / Makerspace / Nature Center / Physical Education Complex / School of Continuing Education / Science / Student Center / Student Services North LEGEND / Technical Education / Transit Center

EXISTING FACILITIES
NEW MAJOR BUILDINGS
MAJOR RENOVATIONS
PARKING STRUCTURES



// NEW MAJOR BUILDINGS //

/ Adult Education

- / Auditorium
- / Bookstore

/ Campus Safety

- / Fine Arts
- / Library/Learning Resources
- / Makerspace
- / Nature Center
- / Physical Education Complex
- / School of Continuing Education
- / Science
- / Student Center
- / Student Services North
- / Technical Education
- / Transit Center

LEGEND		
EXISTING	FACILITIES	
NEW MAJ	OR BUILDING	GS
MAJOR RE	NOVATIONS	
PARKING S	STRUCTURES	
MAJOR RE	NOVATIONS	GS



// MAJOR RENOVATIONS //

/ College Services (6 and 23)
/ General Instructional Space (28AB)
/ Humanities and Social Sciences (26ABCD)
/ Science (7 and 60)

/ Student Services (9B)

L	Ε	G	E	Ν	D	
_	_	-	_		_	

EXISTING FACILITIES	
NEW MAJOR BUILDINGS	
MAJOR RENOVATIONS	
PARKING STRUCTURES	



// CAMPUS-WIDE PROJECTS //

- / Building Renumbering
- / Collaborative Office Suites
- / Energy
- / Informal Student Spaces
- / Infrastructure
- / Learning Environments
- / Public Art
- / Universal Design
- / Wayfinding















Site Projects

2018 EDUCATIONAL AND FACILITIES MASTER PLAN

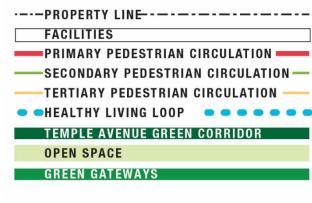




LANDSCAPE FRAMEWORK

- / Miracle Mile as primary pedestrian corridor
- / Strengthened pedestrian corridors on south campus, with enhanced crossings
- / Hierarchical circulation, universal access
- / Healthy Living Loop
- / Temple Avenue Green Corridor and

- Gateways
- / Significant open spaces





CAMPUS PLAN



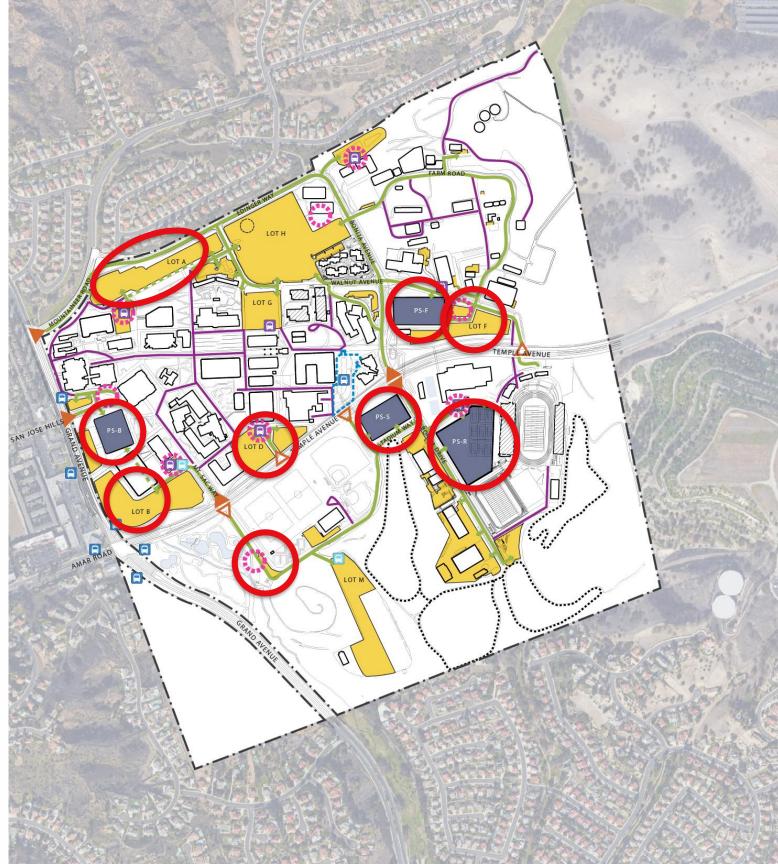


/ Parking Structure PS-B / Parking Structure PS-F / Parking Structure PS-R and tennis courts / Parking Structure PS-S / Lot A Improvements LEGEND /Lot B Improvements ---PROPERTY LINE FACILITIES / Lot D Improvements FACILITIES UNDER CONSTRUCTION LANDSCAPE UNDER CONSTRUCTION /Lot F Improvements PRIMARY ENTRY TO CAMPUS 🔨 SECONDARY ENTRY TO CAMPUS /Lot W Improvements IC VEHICULAR CIRCL OPTIMAL ALIGNMENT

 FACILITIES

 EACILITIES UNDER CONSTRUCTION

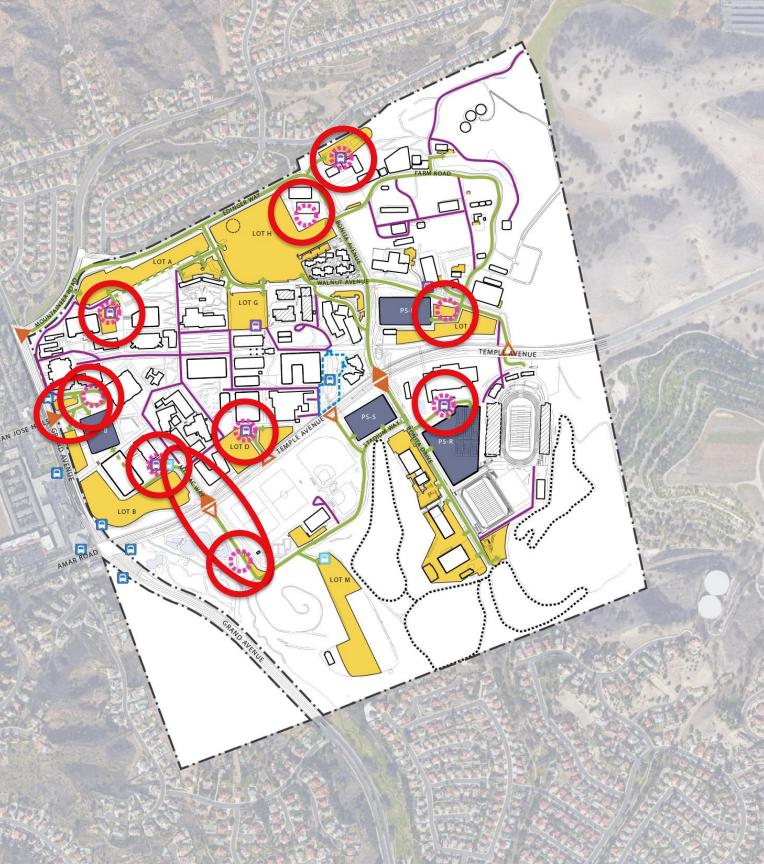
 Image: Construc



VEHICULAR CIRCULATION

/ Mt SAC Way Improvements/ San Jose Hills Entry Improvements/ Designated Pick-up / Drop-off Areas

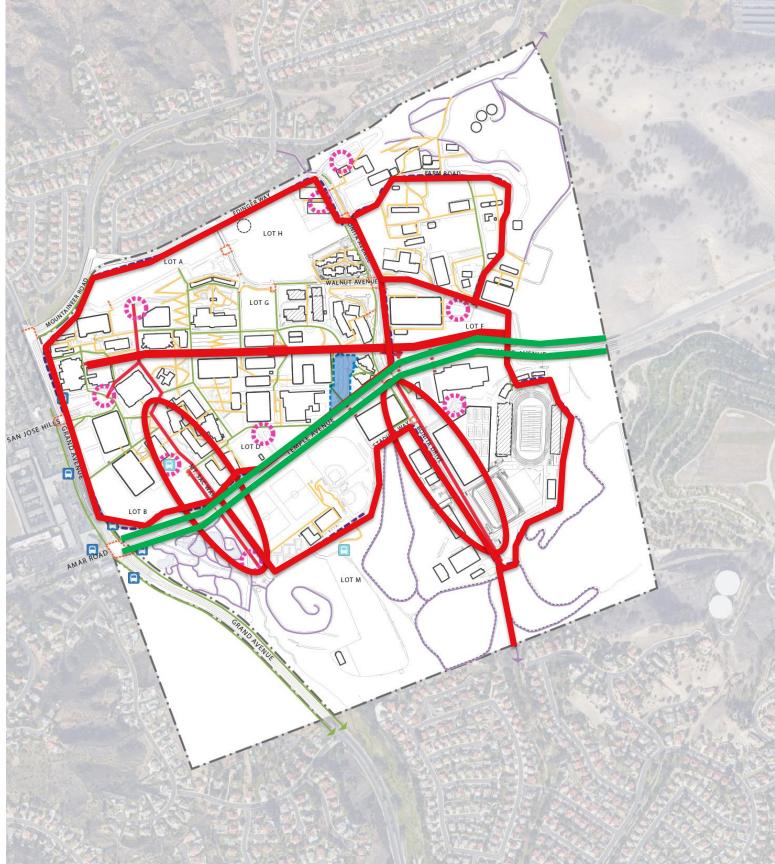




PEDESTRIAN CIRCULATION

/ Miracle Mile
 / Mt SAC Way & Bonita Drive
 Promenades
 / Incline Garden
 / Healthy Living Loop
 / Temple Avenue
 Green Corridor





PEDESTRIAN CIRCULATION

/ Expanded universal circulation network

LEGEND

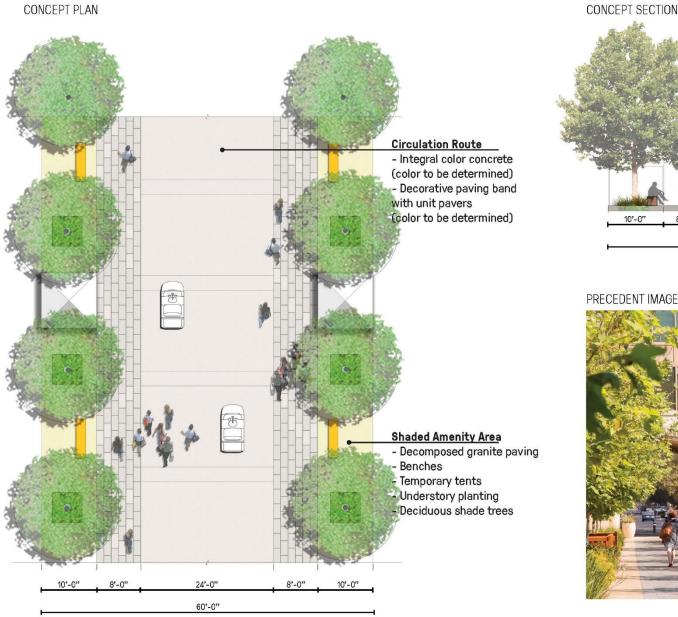
·-·-PROPERTY LINE
FACILITIES
FACILITIES UNDER CONSTRUCTION
ZZZLANDSCAPE/UNDER/CONSTRUCTION/////
ACCESSIBLE ROUTES
🗐 ACCESSIBLE VAN SERVICES STOP
ACCESSIBLE PARKING SPACES
OUTDOOR ELEVATOR
STAIRS
RAMPS
PEDESTRIAN BRIDGE

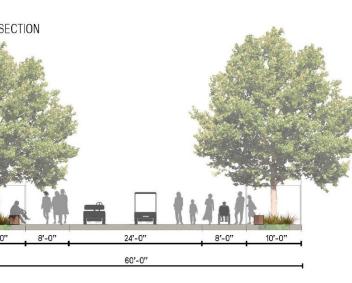


PEDESTRIAN CIRCULATION HIERARCHY

PRIMARY PEDESTRIAN PROMENADE CONCEPT - MIRACLE MILE

// CMPCT COMMENTS // / Like the Miracle Mile concept / Looking forward to seeing **Secondary and Tertiary** concepts / Include lighting, do not include bike racks / Show function as underground utility corridor

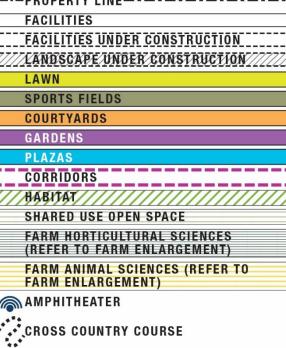


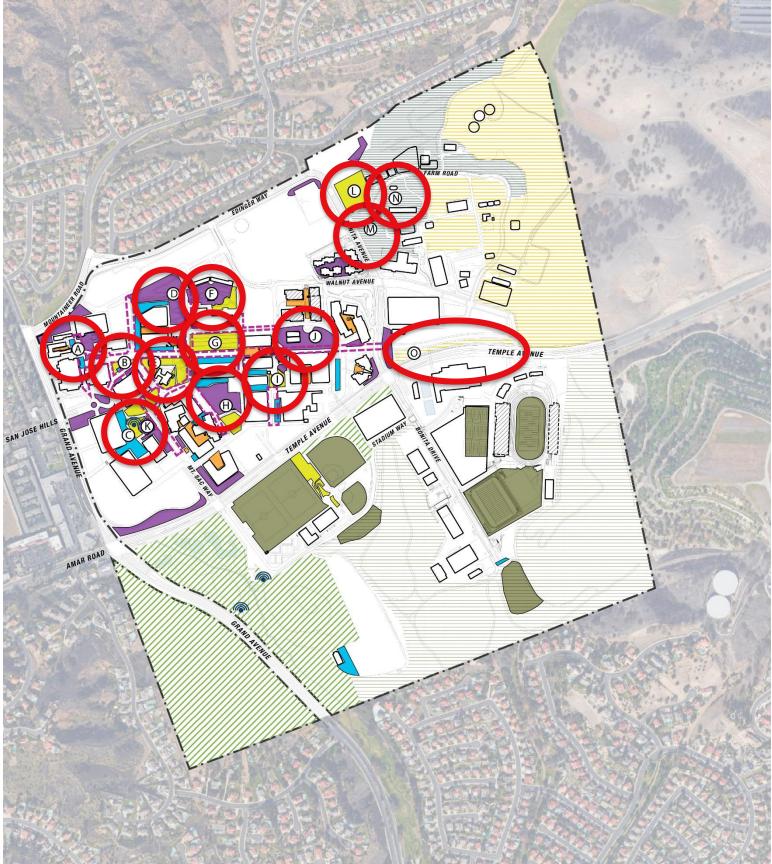




OPEN SPACE PROGRAMMING

/(A) Arts Garden Plaza / (B) Inspiration Lawn / (C/K) Auditorium Plaza and Rose Garden / (D) Incline Garden /(E) Founders Green /(F) Mountie Gardens /(G) Terraced Quad LEGEND / (H) Library Learning ·—·—PROPERTY LINE· FACILITIES Gardens / (I) Makers Green LAWN SPORTS FIELDS / (J) Innovation Grove COURTYARDS GARDENS /(L) Sherman Park PLAZAS CORRIDORS /(M) Demonstration Garden /(N) Koi Pond AMPHITHEATER /(O) Farm Frontage





ENHANCEMENT CONCEPTS

/ Auditorium Plaza & Rose Garden
/ Student Services Arrival Experience
/ Library Learning Garden



AUDITORIUM PLAZA & ROSE GARDEN (DRAFT)





Promenade







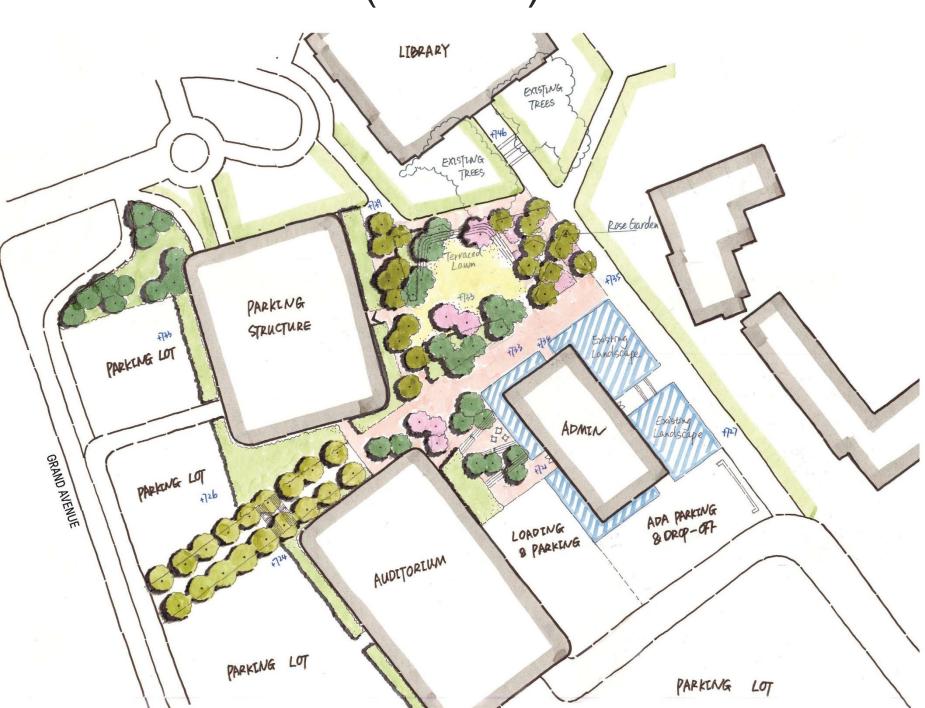




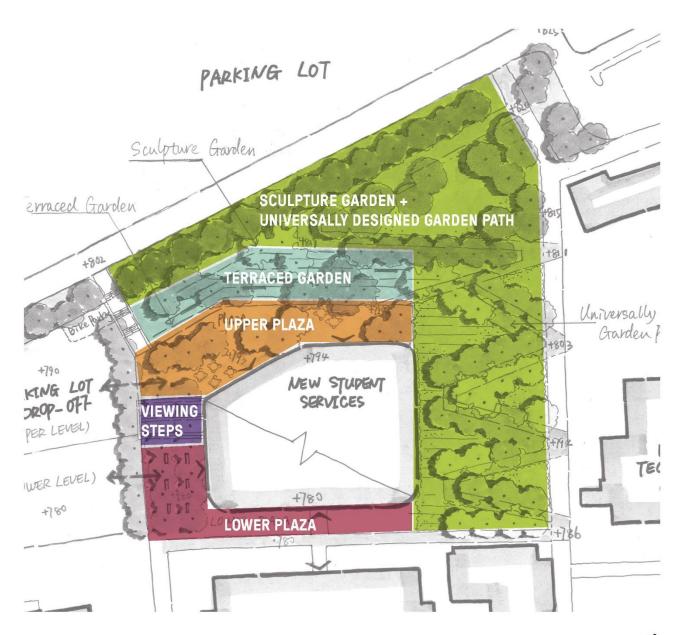
AUDITORIUM PLAZA & ROSE GARDEN (DRAFT)

// CMPCT COMMENTS //
/ Rose Garden to remain
/ Terraced Lawn not desired
/ Pedestrian Promenade
 connection through Lot B
 not desired
/ Elevator to be provided in

Parking Structure



STUDENT SERVICES ARRIVAL EXPERIENCE (DRAFT)



Sculpture Garden



Universally Designed Garden Path



Viewing Steps





Lower Plaza





STUDENT SERVICES ARRIVAL EXPERIENCE (DRAFT)

// CMPCT COMMENTS // / Concern over cost of "Stitch Corridor" universal path / Connection between **Student Services North and** Student Services should be developed / Parking Lot A to be same level as Student Services North upper level

/ Like idea of integrating public art into the landscape / Generally comfortable with landscape concepts



LIBRARY LEARNING GARDEN (DRAFT)



Forecourt Plaza



Outdoor Study Rooms



Sunken Lawn











LIBRARY LEARNING GARDEN (DRAFT)

// CMPCT COMMENTS // / Overall like the concept a lot / "Forecourt Plaza" should be coordinated with Student Center project design / Main entry to Library / Learning Resources should be accessible

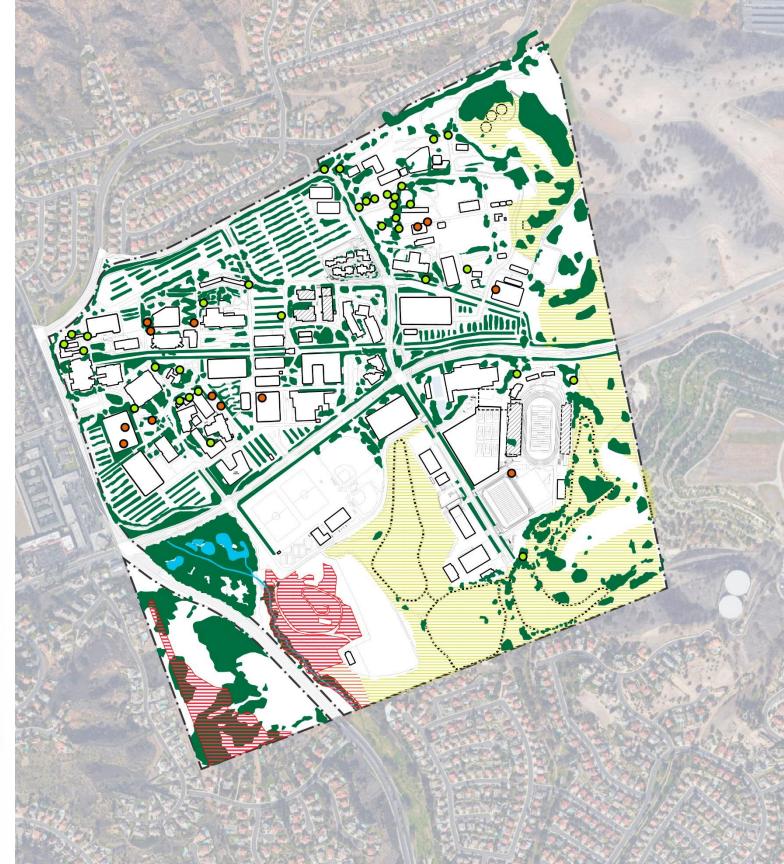


NATURAL HABITAT & CAMPUS FOREST

/ Wildlife Sanctuary Improvements/ Urban Forest Initiative

LEGEND

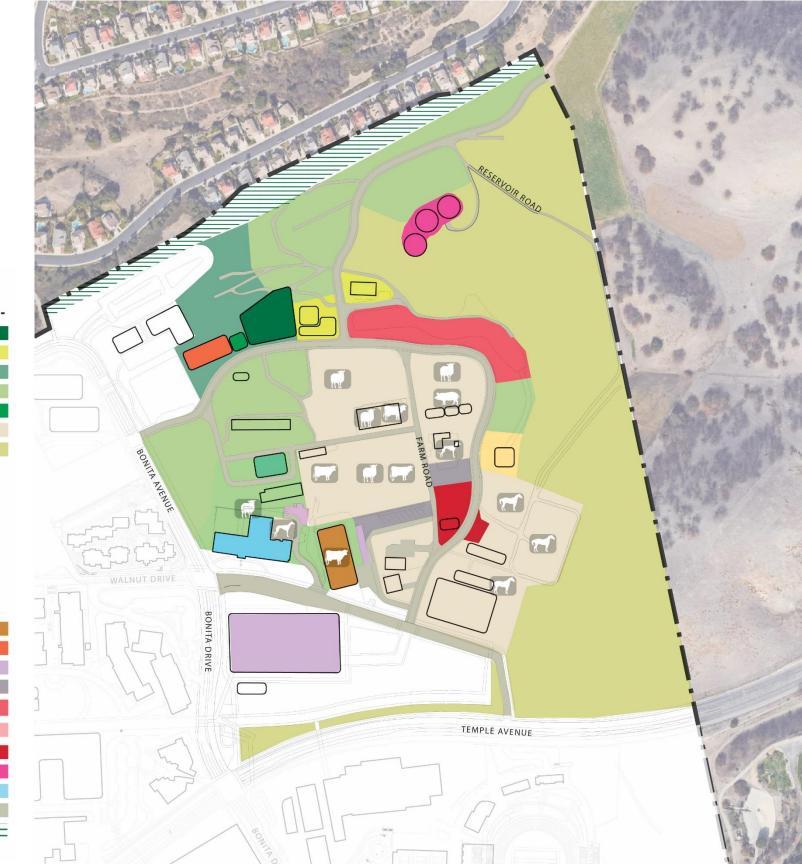
·-·-PROPERTY LINE
FACILITIES
FACILITIES UNDER CONSTRUCTION
ZZZ LANDSCAPE UNDER CONSTRUCTION ZZZZZ
TREE CANOPY
NATURAL HABITAT: RESTRICTIVE
COVENANT, RESTRICTED ACCESS
NATURAL HABITAT: NOT IN RESTRICTIVE COVENANT, RESTRICTED ACCESS
NATURAL HABITAT: LIVESTOCK
MANAGEMENT
NATURAL HABITAT - WATER
WILDLIFE SANCTUARY
SPECIMEN TREE
SPECIMEN TREE, POTENTIALLY IMPACT- ED BY DEVELOPMENT
CROSS COUNTRY COURSE



FARM PRECINCT

/ Farm Infrastructure Improvements /Long-term Design Approach: Ornamental Horticulture Unit Improvements /Long-term Design Approach: Agriculture & **Animal Sciences** Unit Improvements

LEGEND ----PROPERTY LINE SHADEHOUSE GREENHOUSE HORTICULTURE DEMONSTRATION **PROPAGATION HOUSE** ANIMAL SCIENCES DEMONSTRATION PASTURE SHEEP (OVINE) CATTLE (BOVINE) EQUINE (HORSE) SWINE (PIG) CANINE (DOG) RETAIL HOT HUE PARKING **RV SPOTS FOR STUDENTS COMPOST / SOILS / CANNING** EQUIPMENT TECHNOLOGY INFRASTRUCTURE/UTILITIES INDOOR CLASSROOM/LAB CIRCULATION VEGETATED BUFFER



Campus Neighborhoods

2018 EDUCATIONAL AND FACILITIES MASTER PLAN

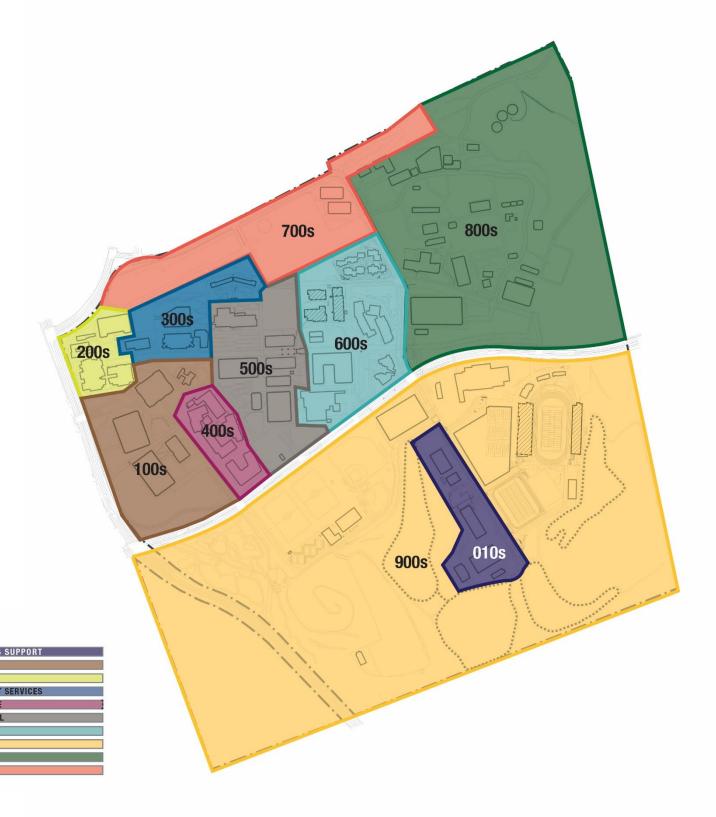




CAMPUS NEIGHBORHOODS

LEGEND

/ Campus Support (010s) /West (100s) /Art (200s) / Student Services (300s) / Science (400s) / Central (500s) / East (600s) / North (700s) / Farm (800s) / South (900s)



Future Development

2018 EDUCATIONAL AND FACILITIES MASTER PLAN





FUTURE DEVELOPMENT

/ Lot A / Lot B / Lot G / Lot H / Student Services northeast

LEGEND

EXISTING FACILITIES	
NEW MAJOR BUILDINGS	
MAJOR RENOVATIONS	
PARKING STRUCTURES	



Discussion/Questions on htroduction and Chapters 7 and 8

2018 EDUCATIONAL AND FACILITIES MASTER PLAN









INTRODUCTION

- /Acknowledgments
- / Letter from the President and CEO
- / Letter from the Board of Trustees
- / Table of Contents
- / Executive Summary
- / Mission, Vision, and Core Values
- / Purpose
- / Process and Participation
- / Document Overview



CHAPTER 7: EXISTING FACILITIES AND SITE ANALYSIS

/ Overview

- / Community Context
- / Campus and Facilities Analysis
- / Circulation and Transportation Analysis
- / Landscape and Open Space Analysis
- / Mt. SAC Hangar at Brackett Field Airport



CHAPTER 8: EXISTING ENVIRONMENTAL ANALYSIS

/ Overview

/ Campus Sustainability

/ Campus Climate Conditions

/ Resource Management Analysis

/ Carbon Footprint Analysis



EFMP Document Review Process

2018 EDUCATIONAL AND FACILITIES MASTER PLAN





EFMP DOCUMENT REVIEW PROCESS: OVERVIEW

/ Educational planning chapters 1–6 have all been reviewed and completed:

Final final versions have NOT been posted online at this time, but are coming soon...

/ The EFMP document review schedule will move quickly with **short turnaround** times:

Sorry and thank you in advance!

/ The MPSTF should feel free to review chapters with their constituents for feedback.

/ Mika will send links to MPSTF to review PDFs of the first drafts of remaining chapters.

/ Carol Nelson in the President's office will send the emails with links to the College to review PDFs for campus-wide review of the remaining chapters.

EFMP DOCUMENT REVIEW PROCESS

Introduction and Facilities Planning Chapters 7 and 8:

- Preliminary drafts of the following were reviewed by CMPCT and MPSTF and comments are due today, December 1st:
 - Introduction \succ
 - Chapter 7: Existing Facilities Conditions Analysis
 - Chapter 8: Environmental Analysis
- The Tri-chairs, Gary, Mika, and the consultants will review the comments and determine appropriate responses.
- Consultants will revise and send updated drafts of Introduction and Chapters 7 and 8 for College-wide review.
- College-wide review is anticipated to begin in mid December 2017 and comments will be due the first week of January 2018.

EFMP DOCUMENT REVIEW PROCESS

Facilities Planning Chapters 9 through 12:

- Preliminary drafts of the following are anticipated to be distributed to both CMPCT and MPSTF in mid December 2017 and comments will be due the first week of January 2018:
 - Chapter 9: Framework for Facilities Recommendations
 - Chapter 10: Facilities Recommendations
 - Chapter 11: Site Infrastructure and Improvements Recommendations
 - Chapter 12: Implementation
- The Tri-chairs, Gary, Mika, and the consultants will review the comments and determine appropriate responses.
- Consultants will revise and send updated drafts of Chapters 9–12 for college-wide review.
- College-wide review is anticipated to begin in mid January 2018 and comments will be due Friday, February 2, 2018.

EFMP DOCUMENT REVIEW PROCESS

Special Board Meeting and Final Reviews and Approval:

- The Special Board Meeting is scheduled for **Saturday**, **February 3, 2018**:
 - This is a public meeting and all are welcome to attend.
 - Comments from the Board of Trustees will be collected at this meeting.
- The Tri-chairs, Gary, Mika, and the consultants will review both college-wide comments on Chapters 7–12 and Board of Trustee comments and determine appropriate responses.
- Consultants will incorporate approved comments and send revised drafts of facilities planning Chapters 7–12 for college-wide review.
- College-wide review is anticipated to begin and end in **Spring 2018**.
- Board of Trustees approval and posting of final online EFMP document is anticipated in **Spring 2018**.



Next Steps

/ Ongoing review of draft chapters

- / Project scoping meetings
 - / Library/Learning Resources
 - / Science

/ School of Continuing Education and Adult Basic Education

- / Technology and Health
- / Student Services
- / Special Board Meeting (February 3rd, 2018)
- / Board of Trustees document approval (Spring 2018)





http://www.mtsac.edu/efmp/documents_to_review.html







WORKING PROJECT LIST

// MINOR PROJECTS //

- / Brackett Field Improvements
 / Fire Training
 / M&O Building 47 Renovation
 / Receiving/Transportation
- Building 48 Renovation
- / Reuse Depot
- / Sand Volleyball Courts, Athletics Toilet Room, and Concessions

LEGEND			
EXIST	TING FACILIT	IES	
NEW	MAJOR BUIL	DINGS	
MAJO	R RENOVATIO	ONS	
PARK	ING STRUCTU	RES	
PARK	ING STRUCTU	RES	

