



2018

Educational and Facilities Master Plan (EFMP)

February 3, 2018 // Board of Trustees Special Meeting-Board Study Session



Agenda

- / EFMP Timeline + Document Review Schedule
- / Educational Master Planning
- / Facilities Master Planning
- / Site Infrastructure and Improvements
- / Bridging the EFMP to a Potential Bond Program
- / Anticipated Bond Projects
- / Implementation
- / Next Steps



EFMP Timeline + Document Review Schedule

Timeline

SEPTEMBER
2016

**APRIL
2018
BOARD
APPROVAL**

1 / PREPARE

2 / ANALYZE

3 / FRAME

4 / EXPLORE

5 / RECOMMEND



FEBRUARY
2018

Document Review Schedule

DATE	REVIEWERS	DESCRIPTION
1/22/2018	Board of Trustees, CMPCT, FAC + MPSTF	Review Chapters 10, 11 + 12
2/03/2018	Special Meeting—Board Study Session	Overview of EFMP
2/19/2018	Board of Trustees, College-wide + CFPAC	Review of EFMP Document
2/23/2018	Faculty + Staff Flex Day Breakout Session	“Getting to Know the Mt. SAC 2018 Educational and Facilities Master Plan”
3/14/2018	Student Public Forum	“Getting to Know the Mt. SAC 2018 Educational and Facilities Master Plan”
3/14/2018	Board Meeting	“First Read” of EFMP
4/11/2018	Board Meeting	Final Approval of EFMP

ACRONYM	NAME
CFPAC	Community Facilities Plan Advisory Committee
CMPCT	Campus Master Plan Coordinating Team
FAC	Facilities Advisory Committee
MPSTF	Master Plan Steering Task Force



Educational Master Planning

- Purpose
- Process
- Growth Forecast
- Implications for Planning
- Master Plan Themes
- Measures of Success

Purpose

Educational Planning

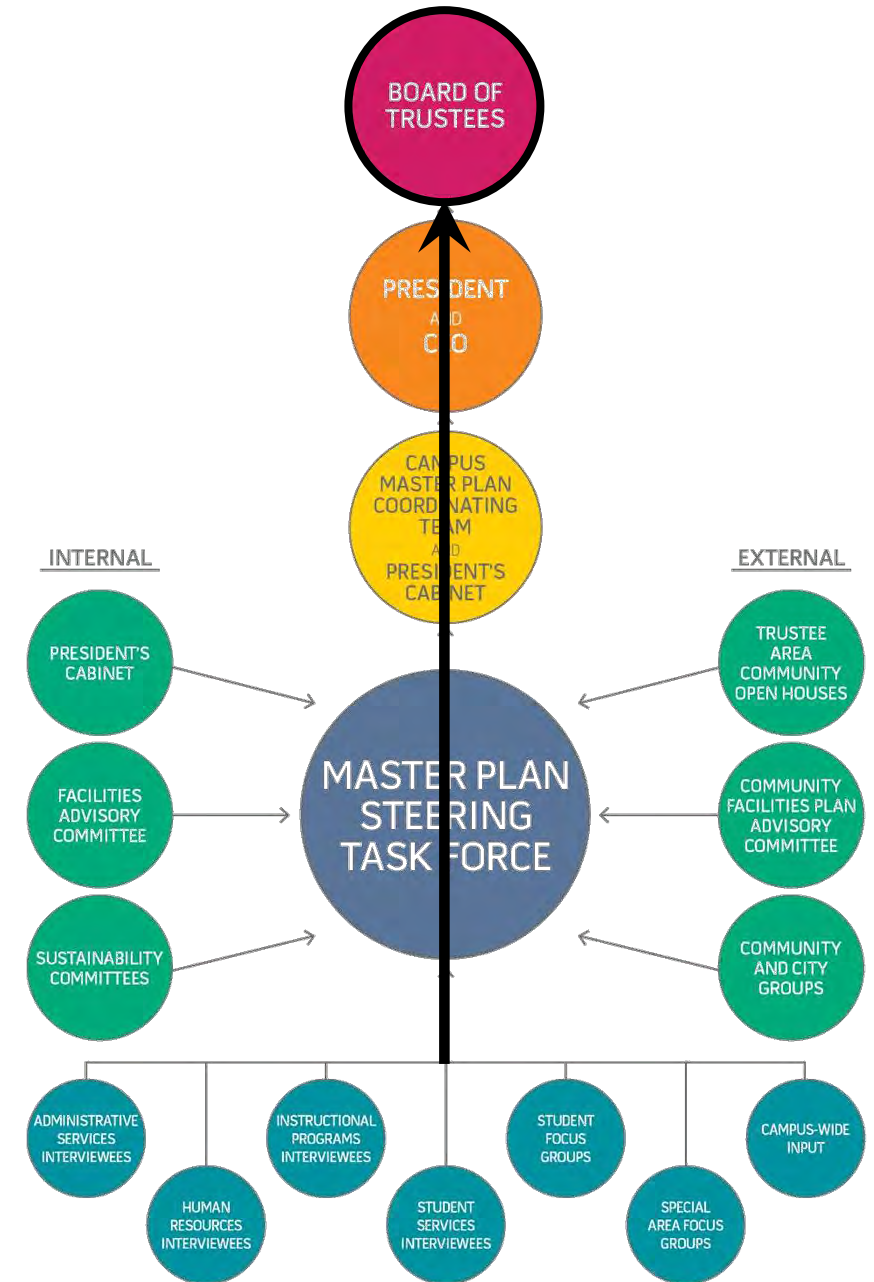
- Develop and analyze **internal and external data** to identify **major needs and challenges** that currently exist or are anticipated to exist in the **next ten years**
- Project the College's **overall growth** and the growth of **programs and services** over the **next ten years**
- Provide a common **foundation** for discussion about the College's **programs and facilities**

Facilities Planning

- Develop recommendations for **site and facilities** improvements that are **informed by educational planning**
- Provide a **foundation for other College plans**, such as the *Strategic Plan* and *Technology Plan*
- **Inform the public** of the College's intentions and **garner support** for the services provided in and to the community

Process

- A broad cross-section of campus and community stakeholders met, reviewed, and provided input to the EFMP
- The Master Plan Steering Task Force included faculty, staff, students, and managers
- The Community Facilities Plan Advisory Committee includes elected officials, civic leaders, and leaders of community based organizations
- Six key goals were established to guide development of the EFMP:
 1. Collaborative
 2. Comprehensive
 3. Data-driven
 4. Dynamic
 5. Inclusive
 6. Transparent





Growth Forecast

Based on the data included in Chapter 2:
Profile of the College's Communities and Students:

- Population size and age projections
- Economic status of the local region
- Enrollment trends
- Episodic nature of growth

Range	Growth Rate
Slow	0.18%
Medium	0.75%
High	1.22%

Using this mid-point of 0.75 percent, the College's projected growth rate is **8.6 percent over the next ten years**



Implications for Planning

Given the diversity of community population characteristics, future enrollment stability and growth require the College to **support a broad range of community needs** in order to **maintain its legacy of success and innovation**

- Support innovations that are likely to maintain **patterns of moderate enrollment growth**
- Support innovations that have been proven to increase the rates of degree, certificate, and transfer completion and **narrow the Achievement Gap**
- Align programs, practices, and policies with **current community needs**
- Adjust programs, practices, and policies to accommodate **projected demographic shifts**



Master Plan Themes

Themes were organized around four major areas:

1. Instructional Programs
2. Student Services
3. Administrative Services and Human Resources
4. President's Cabinet

- Faculty, staff, and administrators in each unit described the **Challenges and Opportunities** they anticipate
- Challenges and Opportunities are **based on professional insights and visions of the future**
- There were **many common threads** in the over 100 sets of Challenges and Opportunities
- **Master Plan Themes serve as a synthesis** of the EFMP Challenges and Opportunities



Master Plan Themes

Instructional Programs

I1 Expand intrusive/proactive counseling and tutoring to increase student completion of courses, degrees, and certificates

I2 Use Guided Pathways to increase student equity and completions of degrees, certificates, and transfer requirements

I3 Expand interdepartmental collaboration to leverage resources and enrich student understanding

I4 Expand the number of courses that offer students a distance learning option

I5 Expand opportunities for experiential learning to increase student equity, engagement, retention, and success



Master Plan Themes

Student Services

- S1** Create a welcoming and inclusive environment that promotes student engagement and academic success
- S2** Respond to emergent issues/concerns through intentional collaboration, drawing from the campus community's collective wisdom
- S3** Provide equity-minded support services that empower students from diverse backgrounds and experiences to achieve their educational, personal, and career aspirations
- S4** Maximize equitable access and use of technology to enhance student success by integrating functional usage to improvement communication and engagement campus-wide and keep students informed of critical information
- S5** Achieve a balance of course offerings and integrated student services across the campus
- S6** Build and expand facilities that establish environments that are welcoming and safe, value open access, are innovative, and promote active student engagement



Master Plan Themes

Administrative Services and Human Resources

A1 Maintain services while adapting to a rapid pace of change in regulations, equipment, and emerging technologies

A2 Increase services to accommodate college-wide growth

A3 Expand the quality of services



Master Plan Themes

President's Cabinet

P1 Expand and support innovation in teaching, learning, support, and management within the College

P2 Ensure fiscal stability and effective and efficient use of resources

P3 Provide professional development that advances the contribution of College personnel in achieving the College mission

P4 Sustain effective participatory governance and decision-making to ensure that the direction of the College is well informed and collectively implemented

P5 Ensure access, equity, and completion of educational goals for all current and future Mt. SAC students



Framework for Facilities Recommendations

- Implications of the Master Plan Themes
- Student Feedback
- Community Feedback
- Projection of Space Needs
- Sustainability Objectives
- Best Facilities Planning Practices

Implications of the Master Plan Themes

- Active Learning
- Appropriate Adjacencies
- Flexible and Well-equipped Space
- Large Indoor and Outdoor Assembly Spaces
- Makerspace/Innovation Laboratory
- Office/Work/Collaboration Space
- Open Computer Laboratories
- Outdoor Instructional Space
- Simulation and Virtual Reality Laboratories
- Storage and Support Space





Student Feedback

- Three types of space:
 - Very Quiet
 - Moderate Noise / Group Work
 - Loud / Social Space
- Parking
- Security/Safety
- Wi-Fi
- Access to Power Outlets
- Food Options
- Bottle Filling Stations
- Computer Access





Community Feedback

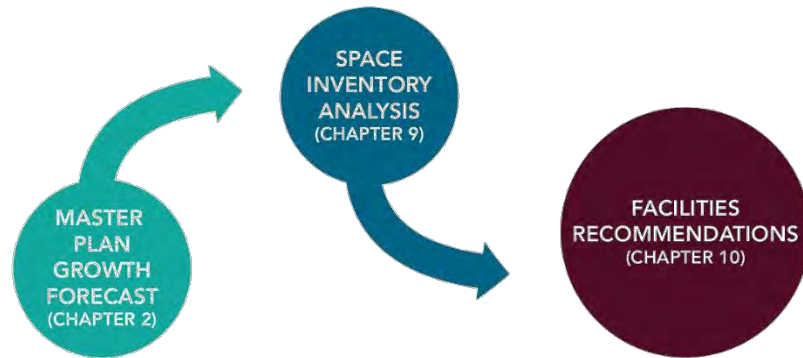
- Safety
- Town / Gown Integration
- Energy Efficiency
- Signage and Wayfinding
- Building Improvements
- Curriculum and Programming
- Campus Access
- Parking and Traffic



Projection of Space Needs

Space on a California community college campus is analyzed by comparing the **amount of space** available with the current and **projected student headcount**

This **quantitative analysis** is one of many considerations in facilities planning and does not override the needs to plan for the unique needs of programs that are likely to grow in the next decade



Space is calculated based on the following room use categories:

Space Type	Room Use Numbers	Description
Lecture	100s	Classrooms and support spaces
Laboratories	200s	Laboratories and support spaces
Offices Conference Room	300s	Offices and support spaces; all offices, including administrative and student services
Library/LRC Study/Tutorial	400s	Library, study and tutorial, and support spaces
Instructional Media AV/TV	500s	AV/TV; Technology and support spaces
Other	520, 540 to 800s	PE, Assembly, Food Services, Lounge, Bookstore, Meeting Rooms, Data Processing, Physical Plant and Health Service

Projection of Space Needs

Space Categories	Current Space	Adjusted Space Inventory	2027 Title 5 Space Needs	2027 Net Space Needs (Surplus)
Lecture	170,528	189,873	144,593	(45,280)
Laboratories	286,483	296,332	344,348	48,016
Offices Conference Room	178,356	181,609	229,514	47,905
Library/LRC Study/Tutorial	80,175	87,775	112,721	24,946
Instructional Media AV/TV	10,303	10,303	18,844	8,541
TOTAL ASF	725,845	765,892	850,020	84,128

Note: all figures are in assignable square feet

The adjusted space inventory accounts for the completion of the following previously planned projects:

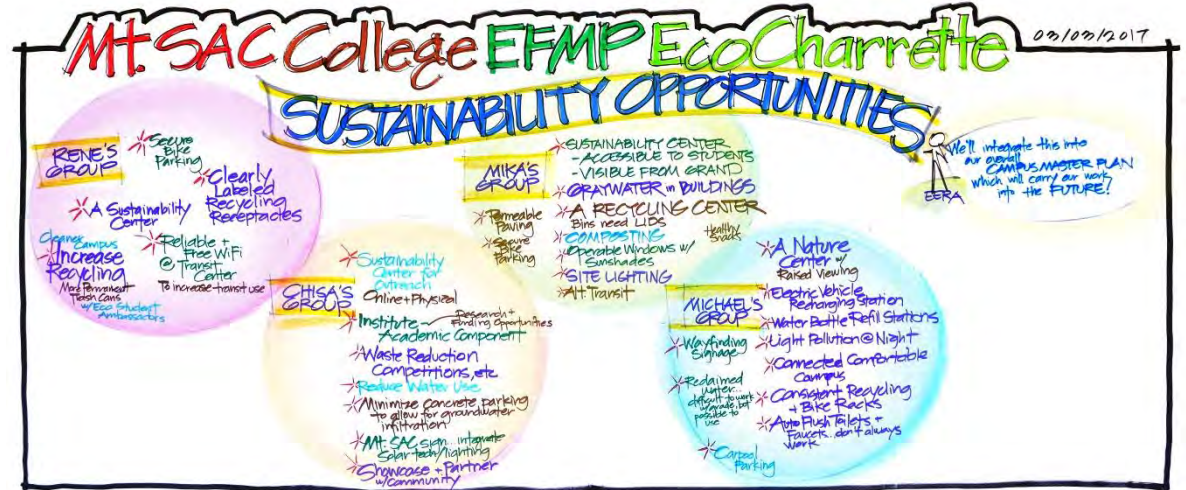
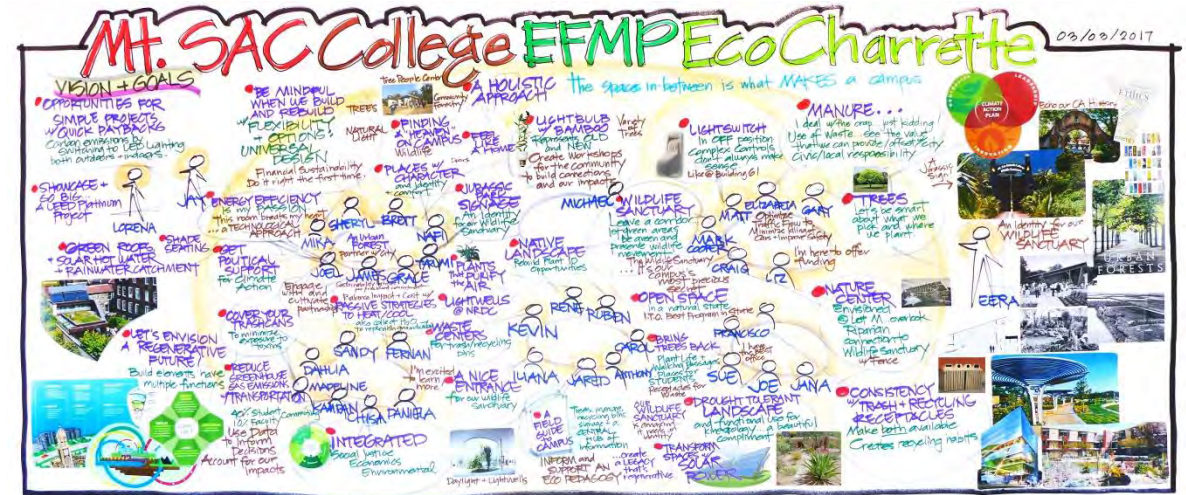
- o Business and Computer Technology
- o Equity Center
- o Athletics Complex East
- o Physical Education Complex

The numbers show the **net change in space** for each project because most of these projects include the removal of existing facilities

A vertical photograph capturing a scenic landscape. In the background, a large, rugged mountain peak is covered in a thick layer of snow, its slopes appearing soft and white. Below the mountain, a town or city is visible, its lights glowing warmly against the twilight sky. The lights create a bokeh effect, with some appearing as bright, out-of-focus circles. In the foreground, a dense forest of evergreen trees fills the lower half of the frame. The trees are dark and silhouetted, with some showing signs of snow or frost. The overall atmosphere is serene and cold, typical of a winter evening in a mountainous region.

The EFMP process has been well-informed by the simultaneous Climate Action Plan effort.

- Reduce energy consumption of existing facilities
- Construct new facilities to exceed energy use intensity standards
- Increase availability and convenience of mass transit options
- Offset energy-use with renewable energy technologies
- Set target dates to reduce emissions by specific increments
- Set goal of carbon neutrality by 2050
- Create a campus that functions as a Living Laboratory





Best Facilities Planning Practices

- Maximize functional space and eliminate non-functional space
- Improve the efficiency/utilization of space
- Right-size the campus for program needs
- Enhance the campus learning and working environment
- Promote sustainable facilities design, construction, and operations
- Simplify implementation
- Connect to the community



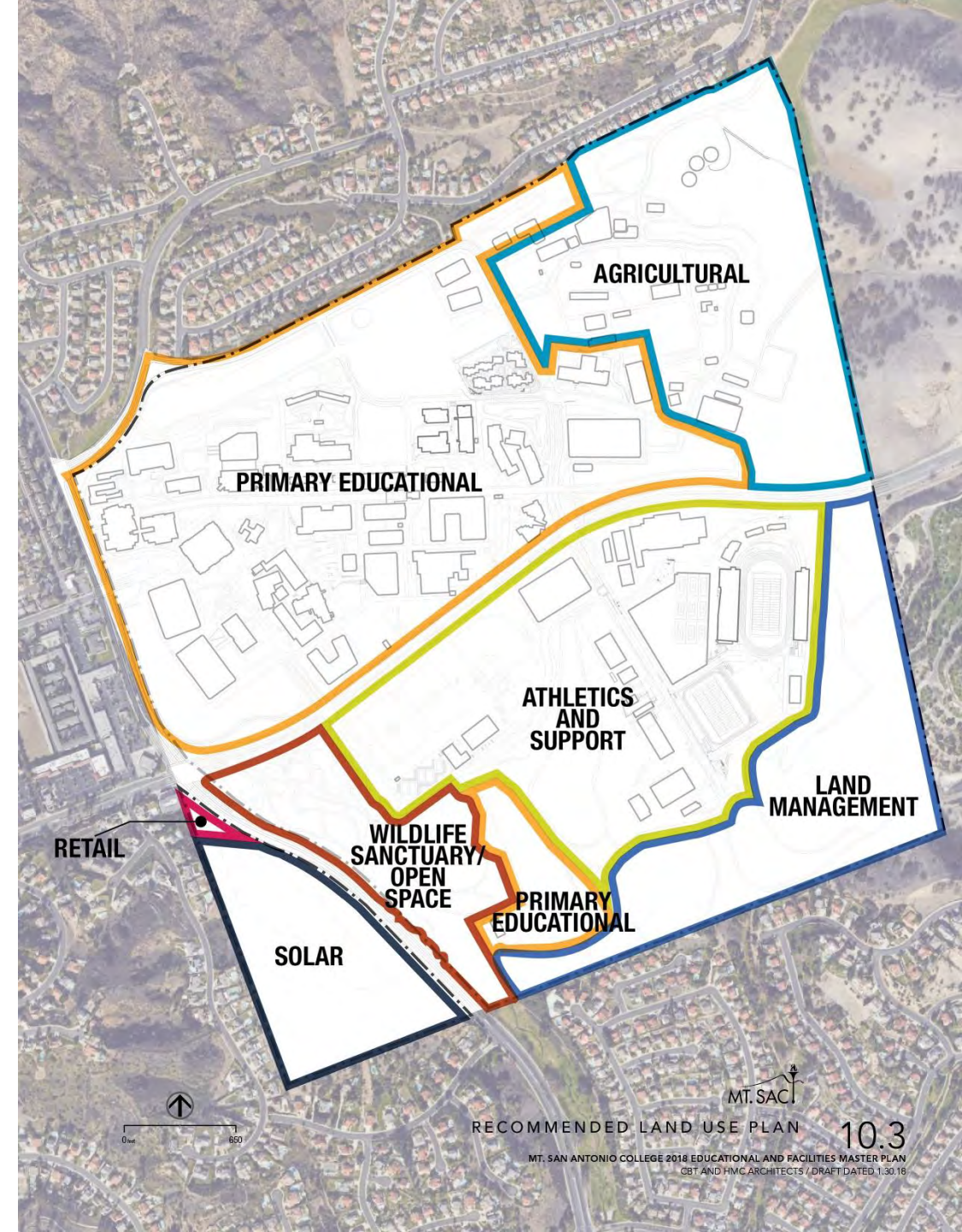


Campus Organization

- Land Use
- Campus Concept
- Campus Neighborhoods

Recommended Land Use

- Primary Educational Zone
- Agricultural Zone
- Land Management Zone
- Athletics and Support Zone
- Wildlife Sanctuary / Open Space Zone
- Retail Zone
- Solar Zone



Campus Concept

Things have changed since 1969...



- Provide a more **legible campus organization**
- Enhance the **visual identity** of Mt. SAC both from the **outside and within** the campus
- Recognize that the campus landscape is what first **welcomes** visitors to Mt. SAC, guiding them where they need to go through a **cohesive character and identity**
- Reinforce the idea that the **essence of a campus' beauty** resides in the character of its buildings and grounds
- S1: Create a **welcoming and inclusive environment** that promotes student engagement and success

Campus Concept

Green Gateways

- Builds on the **significant open spaces** and **natural gateways**—the Wildlife Sanctuary at the west end and the Farm pastures at the east end
- Provide **extended landscape buffers** between the parking lots and **Temple Avenue, at both ends of campus**, to serve as green gateways to the campus with **enhanced aesthetic character**
- Incorporate both landscape and physical gateway features to **reinforce the sense of “entering” the campus**

LEGEND

---	PROPERTY LINE
□	FACILITIES
—	MIRACLE MILE
—	PRIMARY PEDESTRIAN CIRCULATION
—	SECONDARY PEDESTRIAN CIRCULATION
—	TERTIARY PEDESTRIAN CIRCULATION
●	HEALTHY LIVING LOOP
■	GREEN GATEWAY
■	TEMPLE AVENUE GREEN CORRIDOR
■	OPEN SPACE



Campus Concept

Green Corridors

- **Develop the edges** on both sides of Temple Avenue
- **Unite** the north and south sides of campus and enhance the sense of place
- Beautify the **public frontage** of campus
- Promote **sustainable performance**
- Safely support **alternative modes of transportation**

LEGEND

---	PROPERTY LINE
□	FACILITIES
—	MIRACLE MILE
—	PRIMARY PEDESTRIAN CIRCULATION
—	SECONDARY PEDESTRIAN CIRCULATION
—	TERTIARY PEDESTRIAN CIRCULATION
●	HEALTHY LIVING LOOP
—	GREEN GATEWAY
—	TEMPLE AVENUE GREEN CORRIDOR
—	OPEN SPACE



Campus Concept

Miracle Mile

- Develop and extend the Miracle Mile as the **dominant organizing element** and connection across campus
- **Clarify wayfinding** and **unite the campus** by establishing an **intuitive hierarchy** for pedestrian circulation

LEGEND

---	PROPERTY LINE
□	FACILITIES
—	MIRACLE MILE
—	PRIMARY PEDESTRIAN CIRCULATION
—	SECONDARY PEDESTRIAN CIRCULATION
—	TERTIARY PEDESTRIAN CIRCULATION
●	HEALTHY LIVING LOOP
—	GREEN GATEWAY
—	TEMPLE AVENUE GREEN CORRIDOR
—	OPEN SPACE



Campus Concept

Primary Pedestrian Circulation

- **Clarify wayfinding** and unite the campus by establishing an **intuitive hierarchy** for pedestrian circulation

LEGEND

---	PROPERTY LINE
□	FACILITIES
—	MIRACLE MILE
—	PRIMARY PEDESTRIAN CIRCULATION
—	SECONDARY PEDESTRIAN CIRCULATION
—	TERTIARY PEDESTRIAN CIRCULATION
●	HEALTHY LIVING LOOP
—	GREEN GATEWAY
—	TEMPLE AVENUE GREEN CORRIDOR
—	OPEN SPACE



Campus Concept

Secondary Pedestrian Circulation

- **Clarify wayfinding** and unite the campus by establishing an **intuitive hierarchy** for pedestrian circulation

LEGEND

---	PROPERTY LINE
□	FACILITIES
—	MIRACLE MILE
—	PRIMARY PEDESTRIAN CIRCULATION
—	SECONDARY PEDESTRIAN CIRCULATION
—	TERTIARY PEDESTRIAN CIRCULATION
●	HEALTHY LIVING LOOP
—	GREEN GATEWAY
—	TEMPLE AVENUE GREEN CORRIDOR
—	OPEN SPACE



Campus Concept

Tertiary Pedestrian Circulation

- **Clarify wayfinding** and unite the campus by establishing an **intuitive hierarchy** for pedestrian circulation

LEGEND

---	PROPERTY LINE
□	FACILITIES
—	MIRACLE MILE
—	PRIMARY PEDESTRIAN CIRCULATION
—	SECONDARY PEDESTRIAN CIRCULATION
—	TERTIARY PEDESTRIAN CIRCULATION
●	HEALTHY LIVING LOOP
—	GREEN GATEWAY
—	TEMPLE AVENUE GREEN CORRIDOR
—	OPEN SPACE



Campus Concept

Open Space

- **Establish and preserve significant open spaces throughout the academic core of campus**, which can accommodate large numbers of users and support a variety of functions

LEGEND

---	PROPERTY LINE
	FACILITIES
---	MIRACLE MILE
---	PRIMARY PEDESTRIAN CIRCULATION
---	SECONDARY PEDESTRIAN CIRCULATION
---	TERTIARY PEDESTRIAN CIRCULATION
●●●	HEALTHY LIVING LOOP
---	GREEN GATEWAY
---	TEMPLE AVENUE GREEN CORRIDOR
---	OPEN SPACE



Campus Concept

Healthy Living Loop

- **Connect** with the adjacent Walnut community and promote an **active and healthy lifestyle** on the Mt. SAC campus by providing a multi-route fitness trail around campus

LEGEND

---	PROPERTY LINE
■	FACILITIES
—	MIRACLE MILE
—	PRIMARY PEDESTRIAN CIRCULATION
—	SECONDARY PEDESTRIAN CIRCULATION
—	TERTIARY PEDESTRIAN CIRCULATION
●	HEALTHY LIVING LOOP
—	GREEN GATEWAY
—	TEMPLE AVENUE GREEN CORRIDOR
—	OPEN SPACE



Proposed Neighborhoods

Nine Neighborhoods:

- 100s
- 200s
- 300s
- 400s
- 500s
- 600s
- 700s
- 800s
- 900s



BUILDING RENUMBERING NEIGHBORHOODS 12.11

MT. SAN ANTONIO COLLEGE 2018 EDUCATIONAL AND FACILITIES MASTER PLAN
CBT AND HMC ARCHITECTS / DRAFT DATED 1.30.18



Facilities Master Planning

- Parking and Circulation
- 2018 Facilities Master Plan
- Campus-wide Projects
- New Major Buildings
- Major Renovations
- Minor Projects
- Scheduled Maintenance
- Site Infrastructure and Improvements

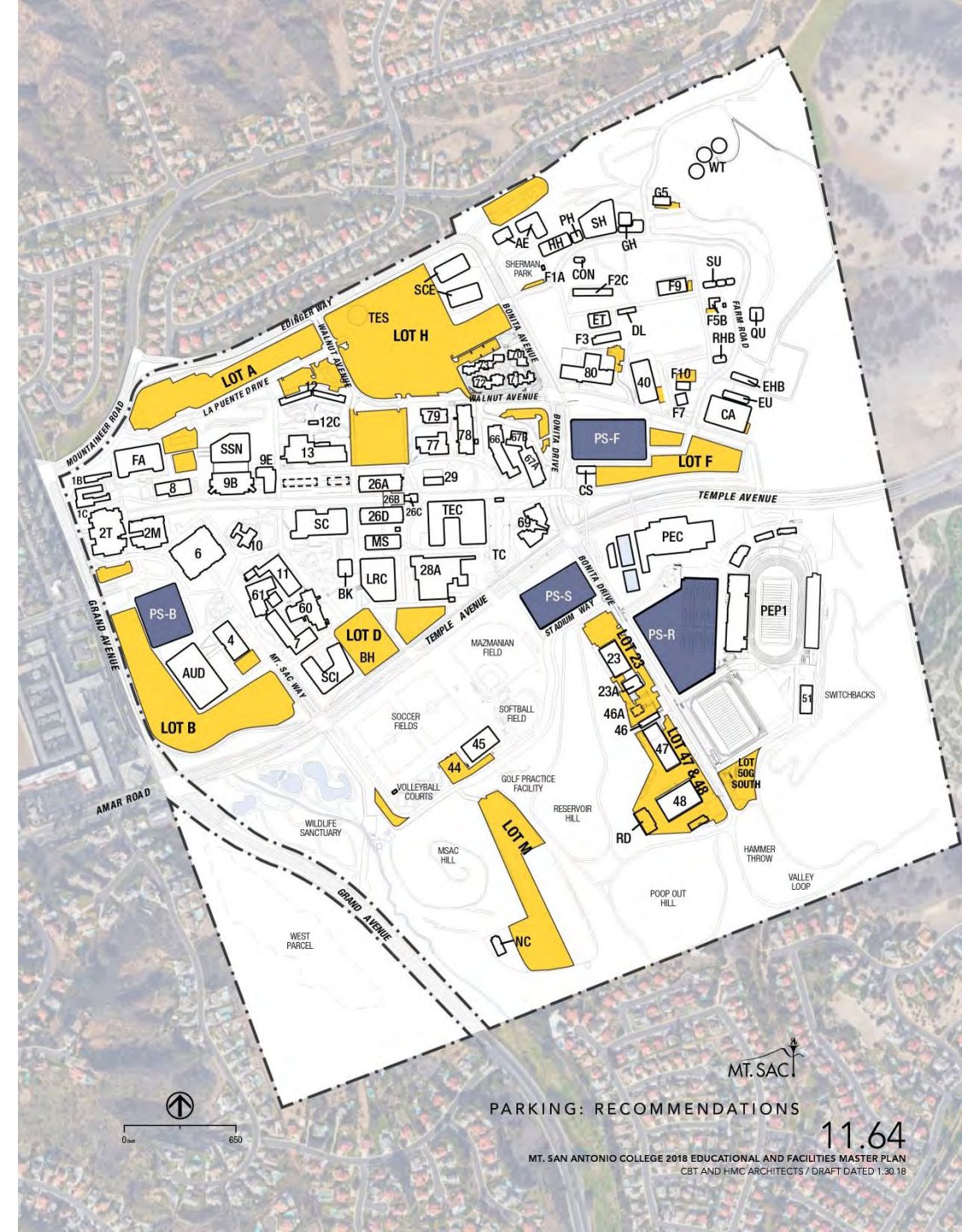
Parking

The recommended approach to providing additional parking employs two strategies:

- Build four medium-sized parking structures in distributed locations around campus
 - o Pedestrian bridges are recommended to be built with the parking structure projects
- Reconfigure existing surface parking lots to improve efficiency, capacity, flow, and pedestrian safety

LEGEND

---	PROPERTY LINE
□	FACILITIES
■	PARKING LOT
■	PARKING STRUCTURE

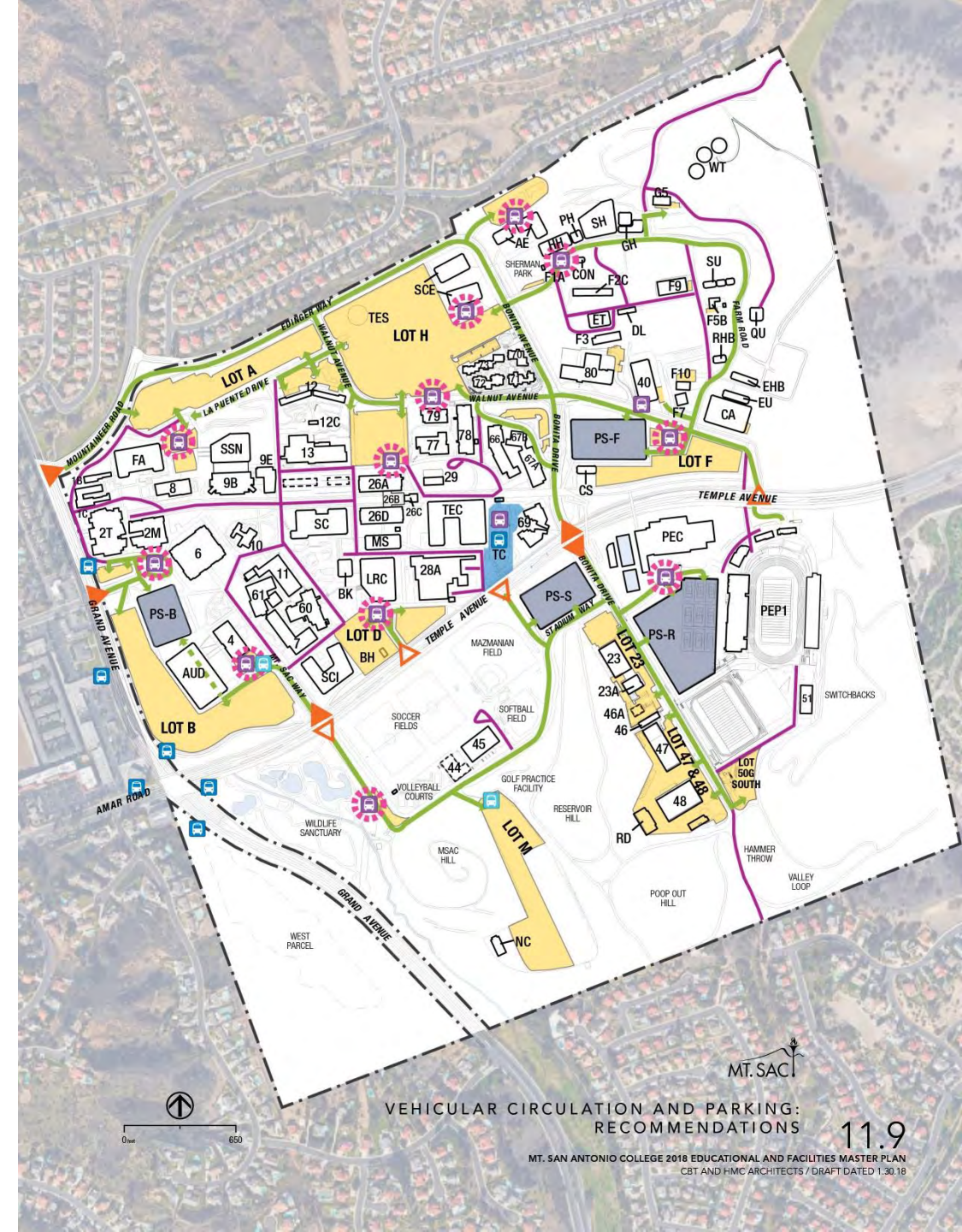


Vehicular Circulation

- Contain vehicles on the outer portions of campus, thus helping to separate pedestrian and vehicular circulation and reserve the academic core for pedestrians and open space
- Introduce a streamlined entrance (slip ramp) into Lot A from Mountaineer Road and additional entrances into Lot F
- Coordinate with the City of Walnut to build a first responder access route into the campus from the Snow Creek neighborhood south of campus

LEGEND

---	PROPERTY LINE
	FACILITIES
▲	PRIMARY ENTRY TO CAMPUS
△	SECONDARY ENTRY TO CAMPUS
—	PUBLIC VEHICULAR CIRCULATION
----	OPTIONAL ALIGNMENT
---	RESTRICTED VEHICULAR CIRCULATION (EMERGENCY, SERVICE, VENDORS, ETC.)
	PARKING LOT
	PARKING STRUCTURE
⊙	PASSENGER PICK-UP / DROP-OFF
⊙	LOT M SHUTTLE STOP
⊙	ACCESS SERVICES SHUTTLE STOP
⊙	PUBLIC TRANSIT STOPS
⊙	TRANSIT CENTER



VEHICULAR CIRCULATION AND PARKING:
RECOMMENDATIONS

11.9

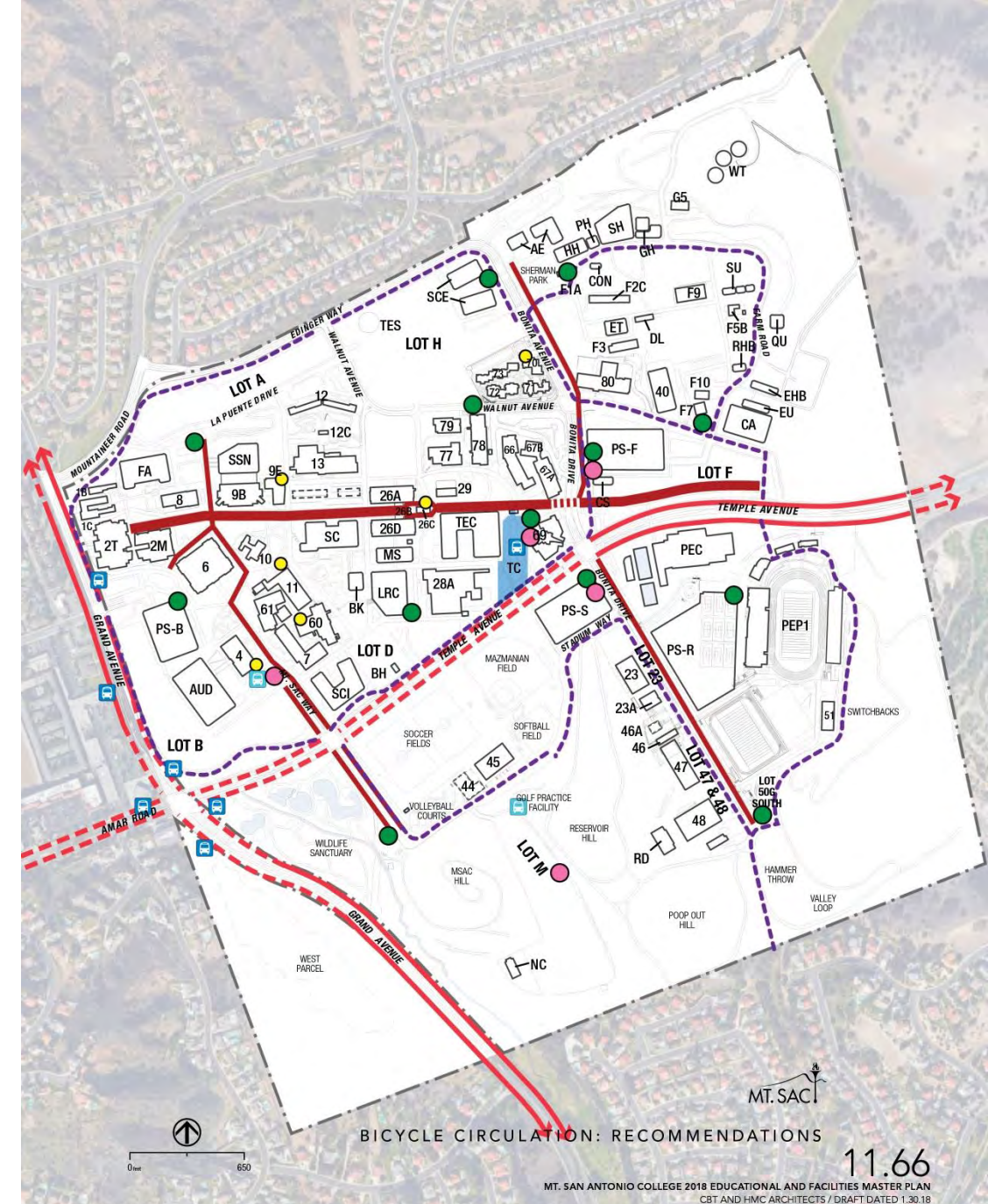
MT. SAN ANTONIO COLLEGE 2018 EDUCATIONAL AND FACILITIES MASTER PLAN
CBT AND HMC ARCHITECTS / DRAFT DATED 1.30.18

Bicycle Circulation

- Make bicycle lanes continuous along Grand and Temple Avenues in the vicinity of Mt. SAC
- Along Temple Avenue, this would include the removal of on-street metered parking and has the potential to provide protected/buffered bike lanes
- Incorporate secure bike storage into all the parking structures
- Explore the use of bike share stations

LEGEND

---	PROPERTY LINE
---	FACILITIES
---	MIRACLE MILE
---	PRIMARY PEDESTRIAN CIRCULATION
---	EXISTING BICYCLE LANE
---	PROPOSED BICYCLE LANE
---	HEALTHY LIVING LOOP
---	TRANSIT STOPS
---	CAMPUS SHUTTLE STOPS
---	TRANSIT CENTER
---	EXISTING BICYCLE PARKING
---	PROPOSED SECURE BICYCLE PARKING
---	PROPOSED BICYCLE SHARE (PCMP)

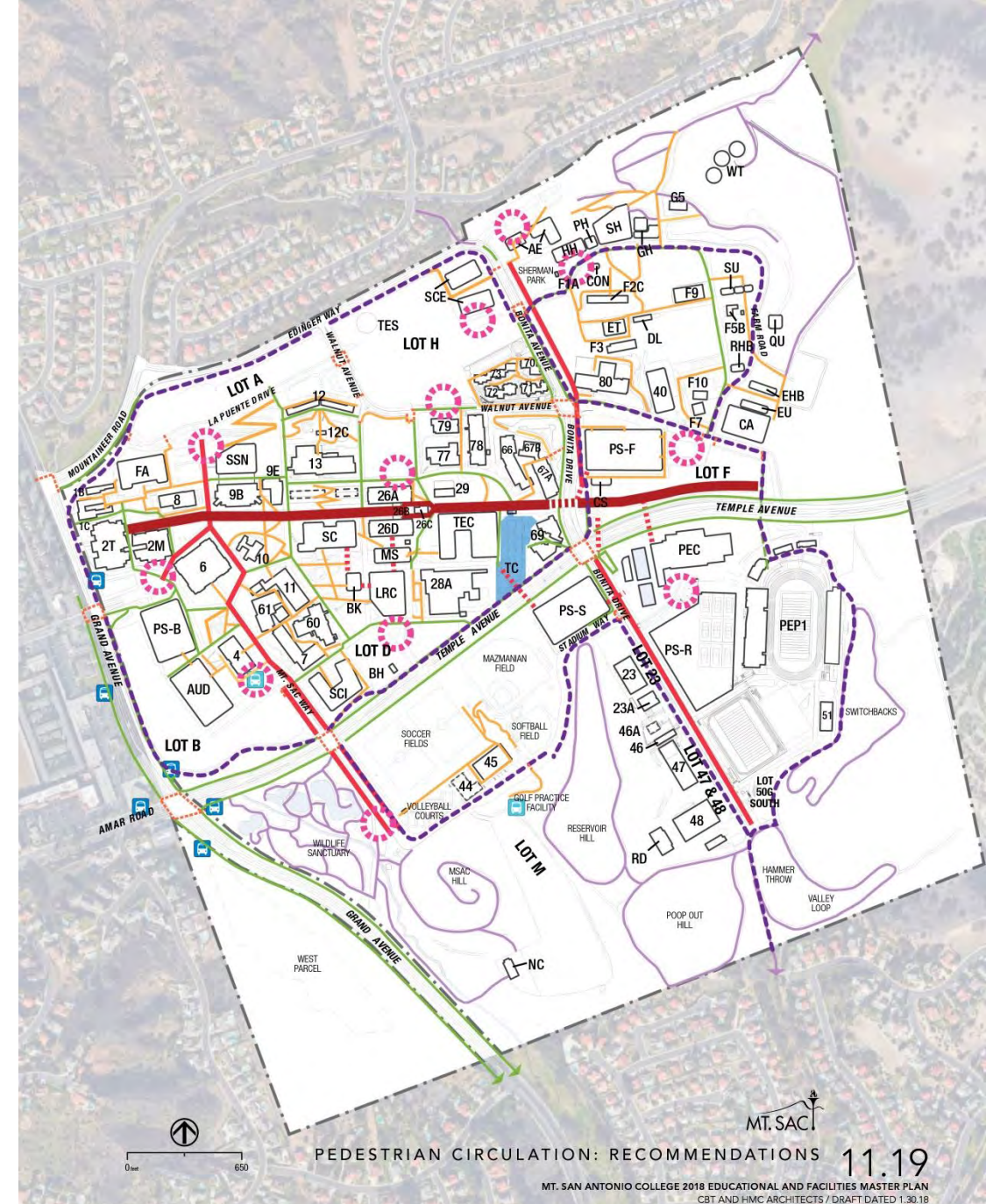


Pedestrian Circulation

- Connect all points of arrival and departure with campus destinations and—as heard through community input—to the residential communities and businesses beyond the Mt. SAC campus
- Establish a cohesive hierarchy that facilitates wayfinding, appropriately accommodates pedestrian and service/emergency vehicle traffic, and contributes to the campus landscape character

LEGEND

---	PROPERTY LINE
	FACILITIES
---	MIRACLE MILE
---	PRIMARY PEDESTRIAN CIRCULATION
---	SECONDARY PEDESTRIAN CIRCULATION
---	TERTIARY PEDESTRIAN CIRCULATION
---	MULTI-PURPOSE TRAIL
---	HEALTHY LIVING LOOP
---	TRANSIT STOPS
---	CAMPUS SHUTTLE STOPS
---	TRANSIT CENTER
---	CROSSWALKS
---	PASSENGER DROP-OFF/PICK-UP (DESIGNATED)
---	PEDESTRIAN TUNNEL
---	PEDESTRIAN BRIDGE

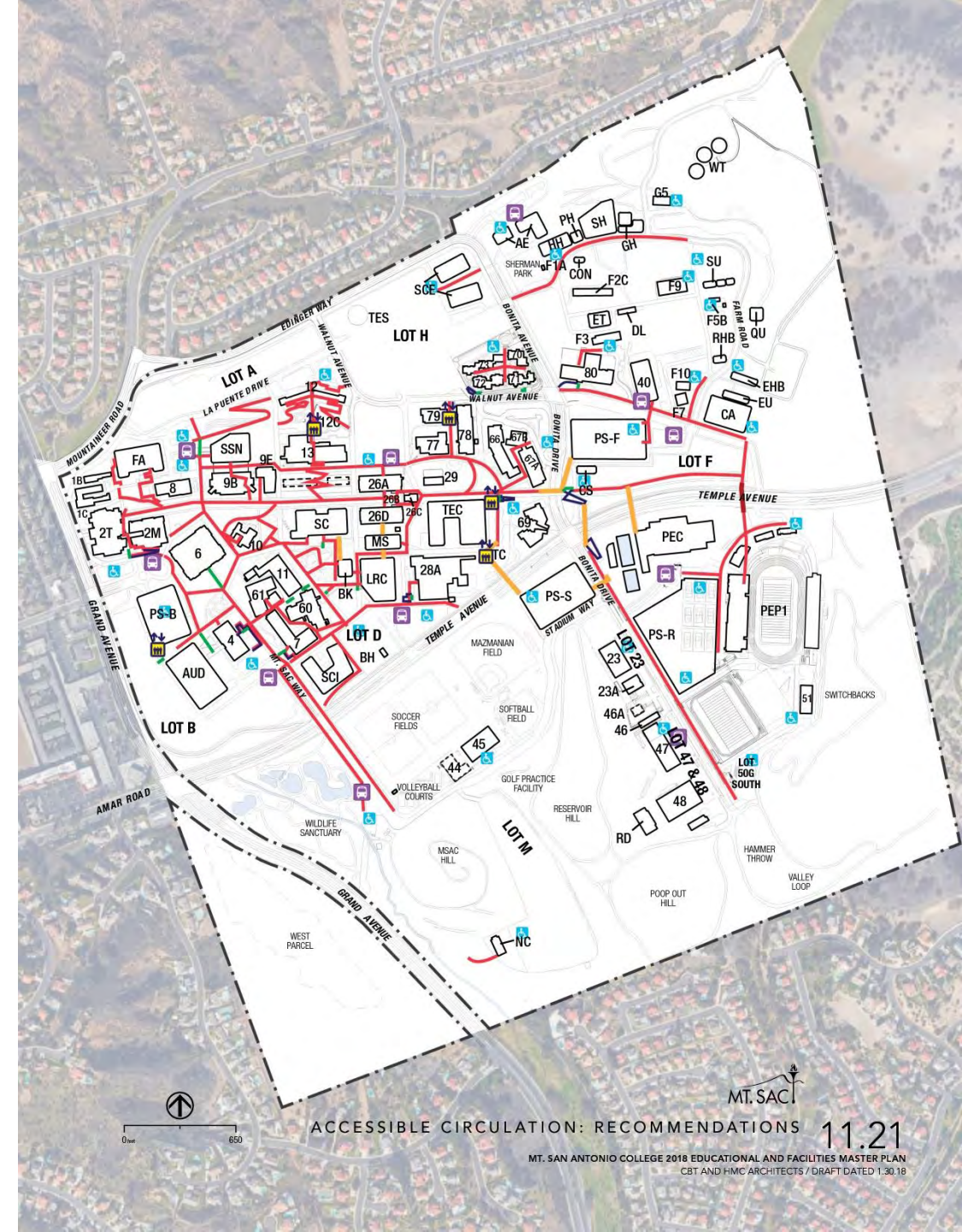


Accessible Circulation

- Miracle Mile is the main east-west connector
- To the greatest extent possible, universally designed accessible routes should be provided to connect destinations on campus
- Where changes in elevation are too severe to allow access with walkways or ramps, the use of exterior elevators will be utilized to increase accessibility

LEGEND

---	PROPERTY LINE
■	FACILITIES
—	ACCESSIBLE ROUTES
■	ACCESSIBLE VAN SERVICES STOP
■	ACCESSIBLE PARKING SPACES
■	OUTDOOR ELEVATOR
—	STAIRS
—	RAMPS
—	ACCESSIBLE PEDESTRIAN BRIDGE
—	ACCESSIBLE PEDESTRIAN TUNNEL



Pedestrian Circulation Hierarchy

- Miracle Mile
- Primary
- Secondary
- Tertiary

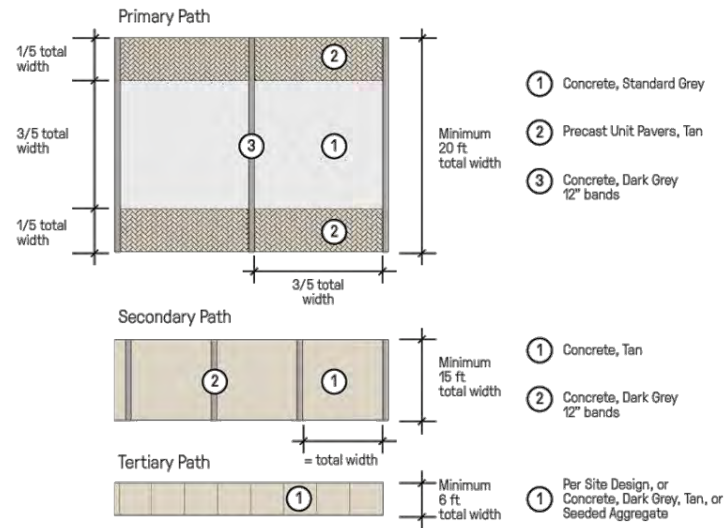
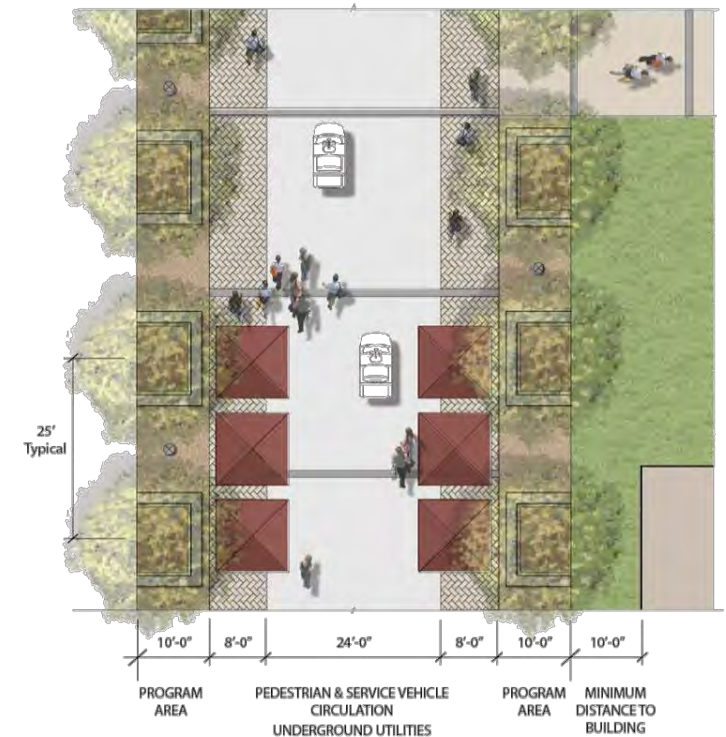
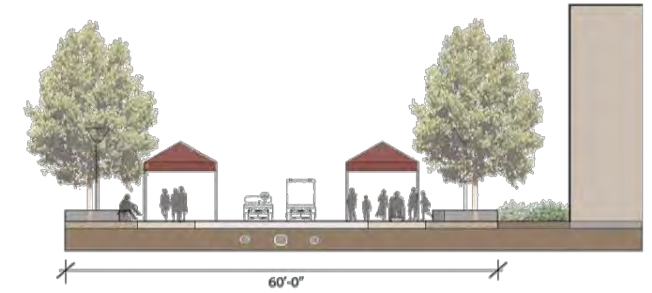


Image of similar spaces at other colleges:



2018 Facilities Master Plan

These improvements will better support the ways that the College's mission will be achieved in the next decade and beyond.

The recommendations are based on an integrated planning approach and are linked to the following:

- Educational Planning
- Existing Conditions Analysis
- Environmental Sustainability

Facilities recommendations are organized into five categories:

1. Campus-wide projects
2. New Major Buildings
3. Major Renovations
4. Minor Projects
5. Scheduled Maintenance

LEGEND

---	PROPERTY LINE
■	EXISTING FACILITIES
■	NEW MAJOR BUILDINGS
■	MAJOR RENOVATIONS
■	PARKING STRUCTURES





Campus-wide Projects

*Campus-wide projects respond to the **broad facilities-related initiatives** with strategies that would be implemented **throughout Mt. SAC's campus.***

- These projects will enhance the environment of academic excellence that Mt. SAC provides to its students
- Implementation could occur in one phase, in several phases, or as part of other projects
- Each project would include an initial study and stakeholder discussions to identify detailed needs, set objectives, and select an approach to the design and implementation of the project



Campus-wide Projects

Collaborative Office Suites

- Provide a collaborative office suite for each instructional division, co-located with faculty offices and a learning center
- Provide students with “go to” spaces, embedded among classrooms and laboratories, where they could receive additional support to help them succeed in college
- Create spaces that have the potential for intra- and interdepartmental collaboration
- Design for interaction between students, faculty, and staff
- Support Master Plan Themes:
 - o **I1, I3, S1, S5, S6, A1, A2, P1**

Energy

- Reduce Mt. SAC’s energy use
 - o Renovate and construct facilities designed for optimal energy efficiency using strategies that harness environmental and climate conditions such as daylight harvesting, passive solar heating, and natural ventilation
- Obtain and manage the use of reliable and affordable sources of energy to help Mt. SAC meet its climate action plan and commitment
 - o Investigate the costs and benefits of alternative energy strategies such as integration of solar power on campus
- Support Master Plan Themes:
 - o **A1, A2, A3, P2**



Campus-wide Projects

Informal Student Spaces

- Provide informal space for student interactions with their peers, faculty, and staff
- Encourage students to stay on campus and participate in all that Mt. SAC offers
- Respond to student desire for a variety of spaces that include spaces for quiet study, spaces with a moderate noise-level where students can work individually and in groups, and places for recreation and social gathering
- Support Master Plan Themes:
 - o **I3, I5, S1, S6, P5**

Learning Environments

- Upgrade and outfit existing instructional spaces, and remove barriers to flexible use
- Design spaces that support experiential learning activities that engage students and align with the ways that many students absorb, process, and retain information
- Provide furniture, fixtures, and equipment including audio-visual and instructional technology systems that support experiential pedagogies, such as performance-based and project-based learning
- Support Master Plan Themes:
 - o **I1, I3, I5, S1, S6, P1**



Campus-wide Projects

Public Art

- Build on the campus tradition of support for the arts that is exemplified by the murals in the Library and the mosaics at the Art Center
- Seek opportunities to integrate planning for public art early on in the programming and design processes of every new building project, major renovation project, and site improvement project
- Instill appreciation among students for the value and transformative potential of art
- Support the local and regional creative community
- Support Master Plan Themes:
 - o **I5, S1, P1**

Universal Design

- Implement Universal Design standards—design and composition of an environment so that it can be accessed, understood, and used to the greatest extent possible by all people, regardless of age, size, ability, or disability
- Design to a higher standard—beyond minimal compliance with the accessibility standards of the Americans with Disabilities Act
- Integrate Universal Design in the programming and design processes of every major new building project, major renovation project, and site improvement project
- Support Master Plan Themes:
 - o **I5, S1, S6, P5**



Campus-wide Projects

Utilities Infrastructure

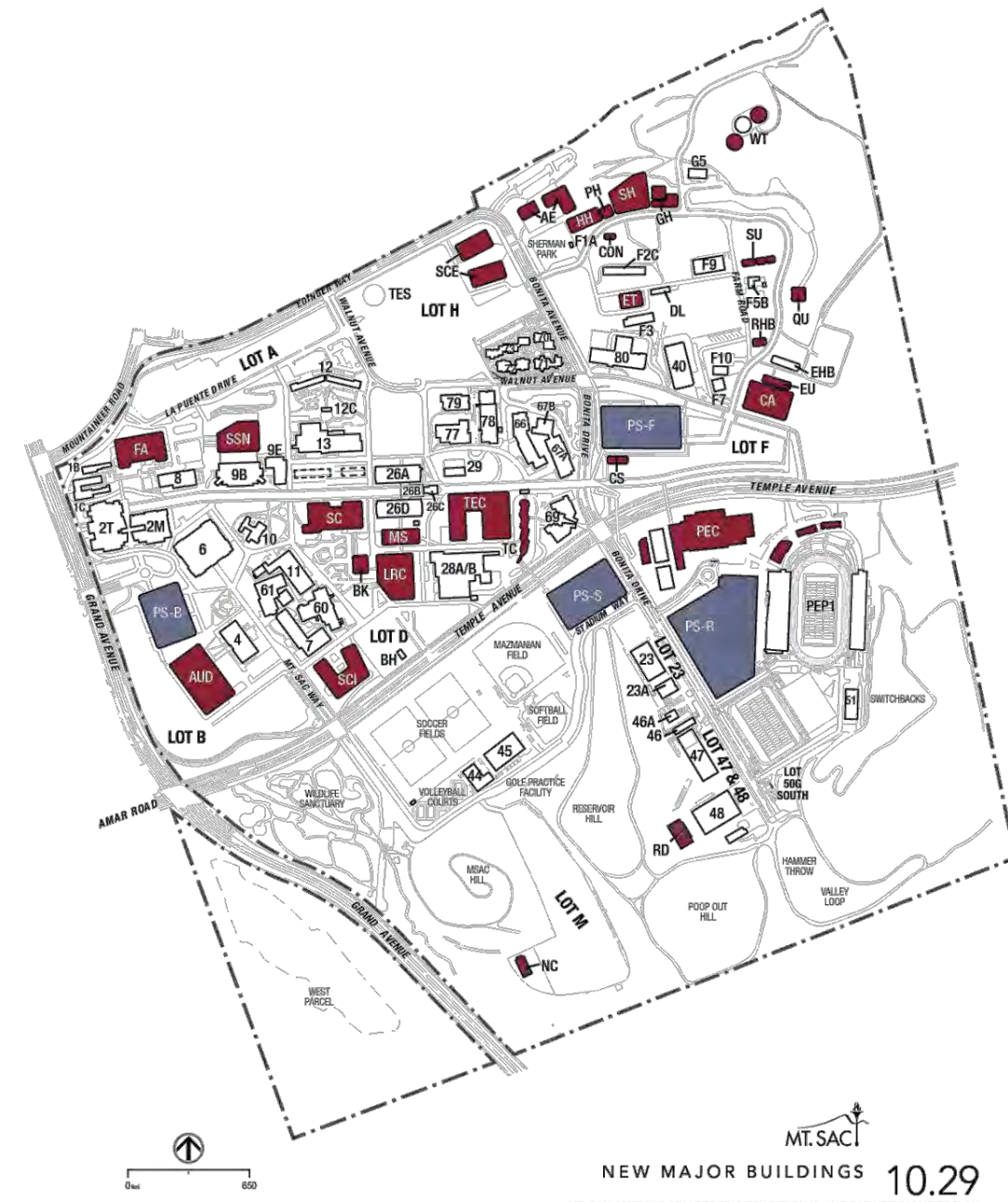
- Expand and upgrade or replace the campus network of utility services such as power, communications, water, sanitary sewer, and storm drainage to support the College's growth
- Maintain a high level of support that will address Mt. SAC's increasing needs, while at the same time reducing the use of resources and minimizing impacts on the regional environment
- Reduce facilities operational costs and the campus' carbon footprint
- Support Master Plan Themes:
 - o A1, A2, A3, P2

Wayfinding

- Facilitate wayfinding—how people understand their location within a physical environment and are able to orient and navigate themselves to their desired destinations—through information systems, such as maps and signage, as well as identifiable landmarks and other physical design cues
- Develop a consistent design hierarchy for circulation routes that contribute to overall campus branding and character
- Install directional signage and campus maps at strategic locations within campus and around its periphery that serve people using every mode of circulation and transportation
- Support Master Plan Themes:
 - o S1, S6, P5

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

---PROPERTY LINE---
EXISTING FACILITIES
NEW MAJOR BUILDINGS
PARKING STRUCTURES



NEW MAJOR BUILDINGS 10.29

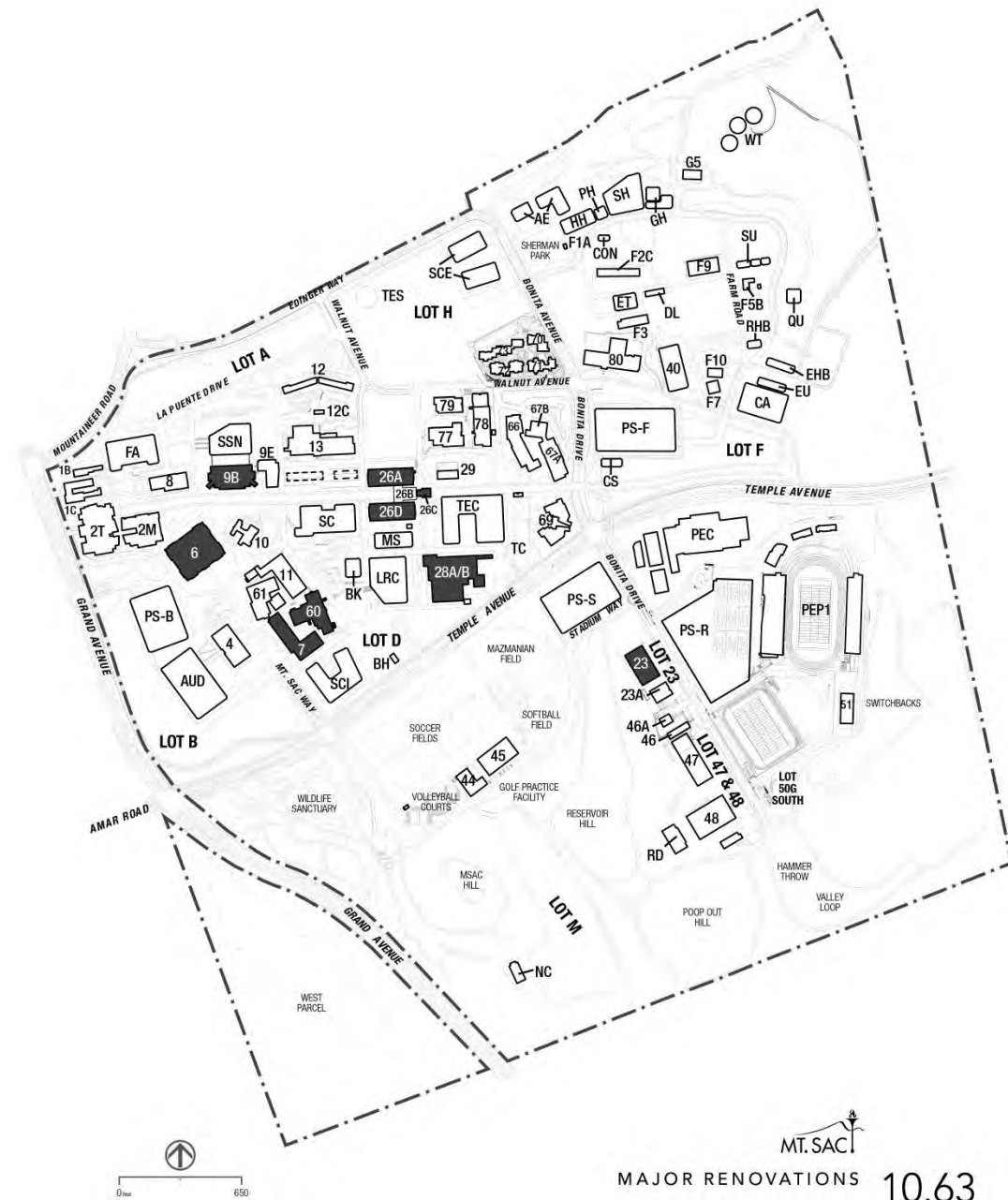
MT. SAN ANTONIO COLLEGE 2018 EDUCATIONAL AND FACILITIES MASTER PLAN
GBT AND HMC ARCHITECTS / DRAFT DATED 1.30.19

Major Renovations

- College Services (6)
- College Services (23)
- General Instruction (28AB)**
- Humanities and Social Sciences (26ABCD)
- Science (7 and 60)
- Student Services (9B)

**Potential building replacement pending feasibility study at time of programming

LEGEND



MAJOR RENOVATIONS 10.63

MT. SAN ANTONIO COLLEGE 2018 EDUCATIONAL AND FACILITIES MASTER PLAN
CBT AND HMC ARCHITECTS / DRAFT DATED 1.30.18

Minor Projects

- Brackett Field Improvements
- Fire Training
- Heritage Hall
- Maintenance and Operations Building 47 Renovation
- Receiving/Transportation Building 48 Renovation
- Reuse Depot
- Sand Volleyball Courts, Athletics Toilet Rooms, and Concessions
- Studio Theater 2T Renovations

LEGEND

---	PROPERTY LINE
EXISTING FACILITIES	
NEW MAJOR BUILDINGS	
MAJOR RENOVATIONS	
PARKING STRUCTURES	





Scheduled Maintenance

These projects are intended to keep existing campus facilities in good condition throughout their years of service to the College.

The EFMP recommends the allocation of resources to supplement State funding for Scheduled Maintenance and address all of the life-cycle maintenance needs of campus facilities and site improvements by repairing or replacing systems and components as they reach the end of their life expectancies.

These projects need to balance urgent short-term needs against long-term facilities and planning goals



Site Infrastructure and Improvements

- Open Space Programming
- Site Enhancement Concepts
- Natural Habitat and Urban Forest
- Farm Precinct

Site Improvements

- Mt. SAC's learning environments are comprised of so much more than its buildings
- Outdoor spaces and infrastructure systems are the campus' connective tissue—creating a cohesive setting for students to learn, explore, and interact
- Recommendations are big picture concepts that are intended to be flexible and will remain valid over time

LEGEND

---	PROPERTY LINE
EXISTING FACILITIES	
NEW MAJOR BUILDINGS	
MAJOR RENOVATIONS	
PARKING STRUCTURES	



Open Space Programming

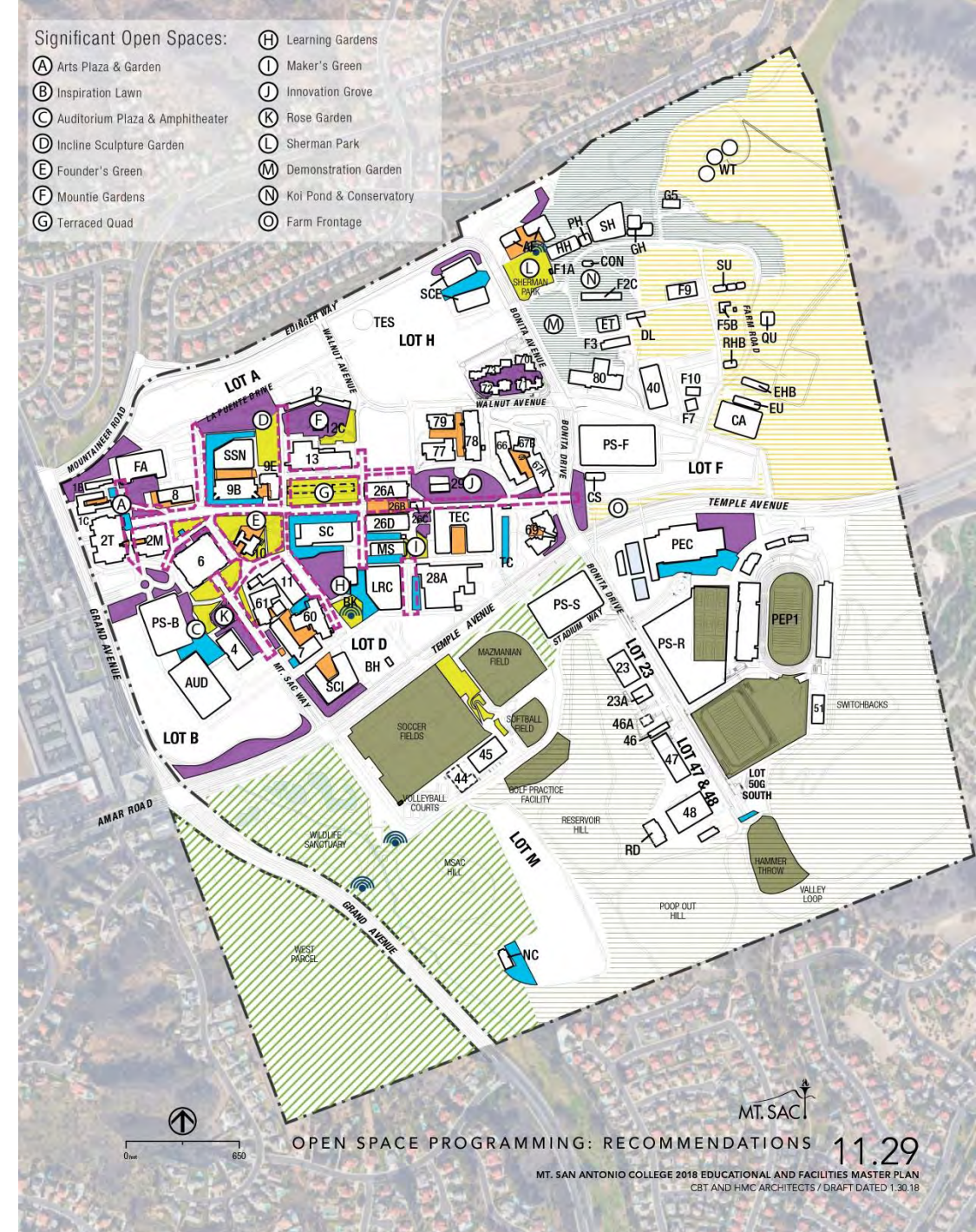
- A. Arts Plaza & Garden
- B. Inspiration Lawn
- C. Auditorium Plaza & Amphitheater
- D. Incline Garden
- E. Founder's Green
- F. Mountie Gardens
- G. Terraced Quad
- H. Learning Gardens
- I. Maker's Green
- J. Innovation Grove
- K. Rose Garden
- L. Sherman Park
- M. Demonstration Garden
- N. Koi Pond & Conservatory
- O. Farm Frontage

LEGEND

---	PROPERTY LINE
---	FACILITIES
---	LAWN
---	SPORTS FIELDS
---	COURTYARDS
---	GARDENS
---	PLAZAS
---	CORRIDORS
---	HABITAT
---	SHARED USE OPEN SPACE
---	FARM HORTICULTURAL SCIENCES (REFER TO FARM ENLARGEMENT)
---	FARM ANIMAL SCIENCES (REFER TO FARM ENLARGEMENT)
---	AMPHITHEATER

Significant Open Spaces:

- (A) Arts Plaza & Garden
- (B) Inspiration Lawn
- (C) Auditorium Plaza & Amphitheater
- (D) Incline Sculpture Garden
- (E) Founder's Green
- (F) Mountie Gardens
- (G) Terraced Quad
- (H) Learning Gardens
- (I) Maker's Green
- (J) Innovation Grove
- (K) Rose Garden
- (L) Sherman Park
- (M) Demonstration Garden
- (N) Koi Pond & Conservatory
- (O) Farm Frontage



Site Enhancement Concept: West

1. Events Plaza
2. Sloped Lawn
3. Rose Garden
4. Elevator
5. Stairs
6. Stepped Plaza
7. Service Area
8. Accessible Parking and Passenger Loading
9. Mt. SAC Way Promenade
10. Secondary Paths
11. San Jose Hills Road Passenger Loading



Site Enhancement Concept: North

1. Accessible Primary Path
2. Passenger Loading
3. Accessible Parking
4. Incline Garden
5. Open Plaza
6. Covered Courtyard
7. Bicycle Parking
8. Viewing Steps
9. Elevator
10. Lawn/Potential Future Building Site
11. Secondary Paths
12. Founders Green
13. Terraced Quad



Site Enhancement Concept: Central

1. Outdoor Garden Rooms
2. Seating Steps
3. Lawn
4. Stormwater Detention
5. Passenger Loading
6. Secondary Path
7. Accessible Path
8. Veteran's Core Art Memorial
9. Lower Lobby Plaza
10. Stairs
11. Elevator
12. Upper Lobby Plaza
13. Pedestrian Bridge
14. Specimen Tree or Public Art/Sculpture



Natural Habitat and Urban Forest

- The natural habitat areas of Mt. SAC's campus are an educational and ecological resource for the College and the students in the region
- Improvements are needed in the Wildlife Sanctuary to support its continued use as a learning laboratory
- The College is embarking on an initiative to increase and diversity the campus's urban forest

LEGEND

---	PROPERTY LINE
[White Box]	FACILITIES
[Green Box]	TREE CANOPY
[Red/White Stripes]	NATURAL HABITAT: RESTRICTIVE COVENANT, RESTRICTED ACCESS
[Blue/White Stripes]	NATURAL HABITAT: NOT IN RESTRICTIVE COVENANT, RESTRICTED ACCESS
[Yellow/White Stripes]	NATURAL HABITAT: LIVESTOCK MANAGEMENT
[Blue/White Stripes]	NATURAL HABITAT: WATER
[Red/White Stripes]	WILDLIFE SANCTUARY
[Green Circle]	SPECIMEN TREE
[Orange Circle]	SPECIMEN TREE, POTENTIALLY IMPACTED BY DEVELOPMENT

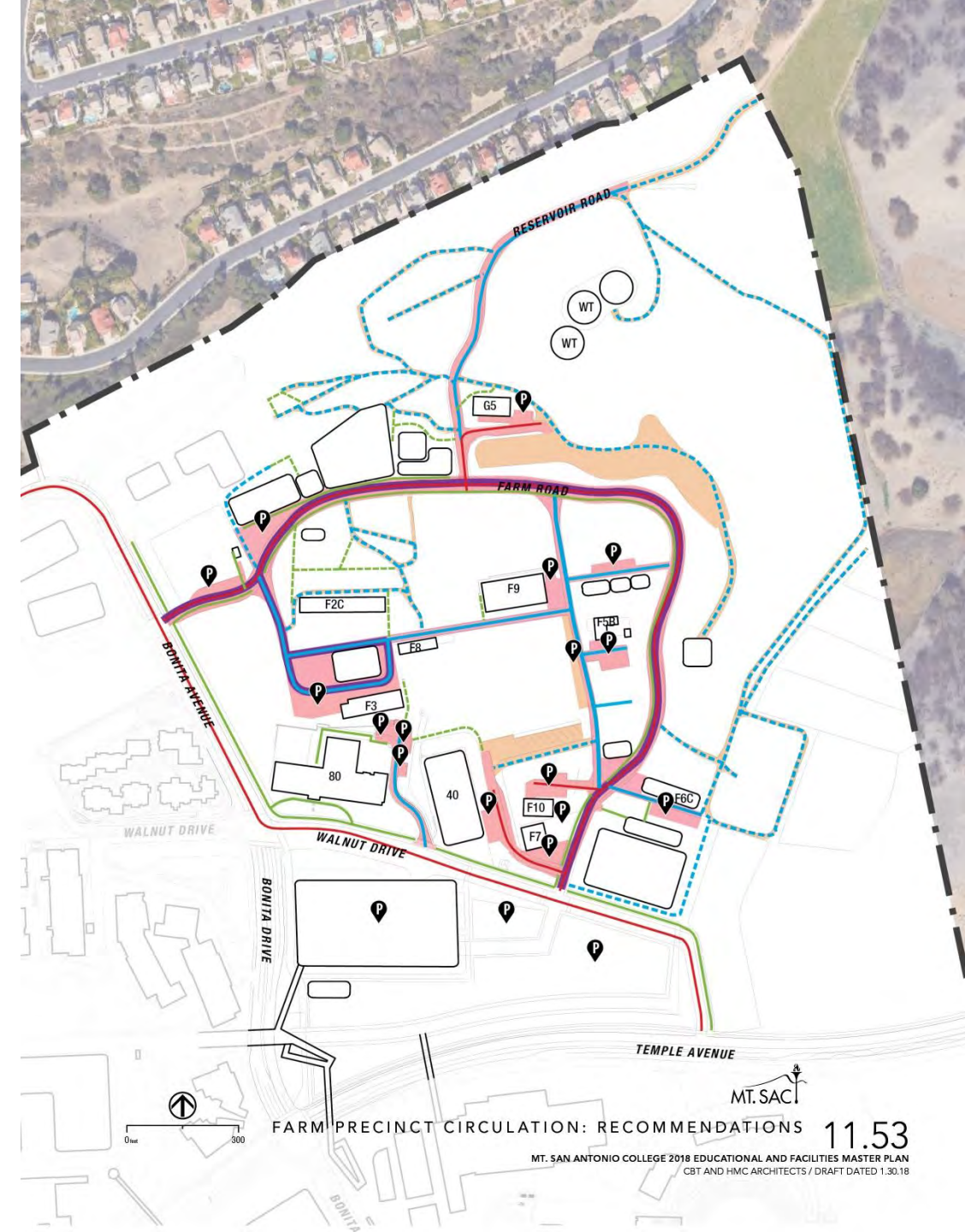


Farm Precinct: Circulation

- In the near-term, the goal is to improve the Farm Precinct for future development by regrading, developing roadways and parking, and completing stormwater management systems and site utilities infrastructure
- The primary project is the realignment of Farm Road so that it no longer bisects the animal facilities and provides better safety and separation between public and service traffic and pedestrians

LEGEND

---	PROPERTY LINE
---	PAVED VEHICULAR
---	UNPAVED VEHICULAR
---	DELIVERY TRUCK ROUTE, PAVED
---	DELIVERY TRUCK ROUTE, UNPAVED
---	PUBLIC VEHICULAR ROUTE, PAVED
---	SERVICE VEHICLE ROUTE, PAVED
---	SERVICE VEHICLE ROUTE, UNPAVED
---	PEDESTRIAN (NON-VEHICULAR), PAVED
---	PEDESTRIAN (NON-VEHICULAR), UNPAVED
P	PARKING



Farm Precinct: Programming

- The long-term vision of the Farm Precinct includes consolidation and replacement of aging facilities to create a state-of-the-art indoor-outdoor teaching laboratory

LEGEND

---	PROPERTY LINE
SHADEHOUSE	
GREENHOUSE	
FULL SUN/OUTDOOR GROWING AREA	
HORTICULTURE DEMONSTRATION	
PROPAGATION HOUSE	
ANIMAL SCIENCES DEMONSTRATION	
PASTURE	
	SHEEP (OVINE)
	CATTLE (BOVINE)
	EQUINE (HORSE)
	SWINE (PIG)
	CANINE (DOG)
RETAIL	
HORT HUB	
PARKING	
RV SPOTS FOR STUDENTS/STAFF	
COMPOST / CANNING / BULK MATERIALS	
EQUIPMENT TECHNOLOGY	
HAY BARN	
QUARANTINE / SHOW ANIMALS	
INFRASTRUCTURE/UTILITIES	
INDOOR CLASSROOM/LAB	
CIRCULATION	
VEGETATED BUFFER	





Bridging the EFMP to a Potential Bond Program

- Factors Considered
- Phased Funding and Projects



Bridging the EFMP to a Potential Bond Program

- Several factors are considered in creating a Bond Project Plan.
- This presentation covers general factors and criteria and applies those factors to projects in the Facilities Master Plan.
- The proposed Bond Project Plan will include:
 - A list of projects to be funded with the bond,
 - Estimated budgets,
 - Phasing of the projects, and
 - Options reflecting situations in which more than one alternative is under consideration for a key element such as funding source, location, or scope.



Factors: Growth, Existing Conditions & Parking

1. Growth	• High/Medium/Low: Choice is Medium: 0.75% per year • Growth is uneven in both demand for facilities and in yearly pattern over bond life
2. Existing Conditions	• Extent to which existing facilities meet current & future needs • Size, design, accessibility, hazardous materials, energy use & repurposing
3. Parking	• Number of spaces to meet yearly growth • Location • Swing space during construction on existing parking lots • Loss of existing parking due to new construction • Effect on traffic and accessibility • Efficiency: restriping, lanes, entrance/exit & waste water



Factors: Growth, Academic/Support Needs & Funding

4. Academic and Support Needs	• Type of space and cap load ratios, e.g., need for science labs, CTE, support space, offices, auditorium & kinesiology (physical education)
	• Effect of cap load ratio on future state facility funding
	• Effect of cap load ratio on student desk space & room use
5. Funding	• Size of the bond ballot measure: preliminary plan is \$750 M
	• Years for the bond to complete planned projects: 12 to 15
	• Issuing bonds: Each 3 years: \$250M, \$200M, \$150M & \$150M
	• Qualifying projects for state funding & timing of state funding
	• Listing projects in ballot measure: flexibility in specificity & likelihood of building
	• Extent of projects/funding that can be managed each year: \$50M to \$60M



Factors: Phasing & Location

6. Phasing

- Projects currently in design
- Immediacy of academic and support needs
- Projects with current or possible state funding
- Amount of bond funds available for each phase
- Projects planned for a location with an existing building
- Swing space considerations
- Projects grouped in an area that promotes a single project management design

7. Location

- Suitability of construction site
- Academic zone and neighborhood designations
- Proximity to related facilities
- Staging and swing space considerations



Factors: Replace/Remodel, Infrastructure, Scheduled Maintenance & Contingency

8. Replace/ Remodel	• Relative cost and return on investment • Utility of structure for use that meets Facilities Master Plan needs
9. Infrastructure	• Construction/operational cost savings of early installation • Technology, landscape, security, roads, utilities & pedestrians • Site development for potential state funded facility
10. Scheduled Maintenance Instructional Equipment	• Balance of bond with annual state funding • Need $\geq$\$1.5 million each year for Scheduled Maintenance • Need $\geq$\$0.5 million each year for Instructional Equipment • Need $\geq$\$1.0 million each year for energy and water projects
11. Contingency	• Allow for variables—state funding & change in scope and construction market. • Also need fund source for minor projects

Phased Funding and Projects: Phase 1A

3 Years, 2019–21

PROJECT	COST	CRITERIA
Athletics Complex East (Stadium)	\$27M	Ongoing Project. Meets Academic Need
Student Center	\$85M	Designed w/RR. Meets Support & Location Needs
S Parking Structure	\$28M	Designed w/RR. Meets Parking Growth & Location Needs
R Parking/Tennis	\$22M	Designed w/RR. Meets Parking Restoration, Location & Academic Needs
HVAC Bldg 26A	\$0M	Measure RR. Upgrades HVAC & Technology, Adds Offices & Refurbishes Classrooms
Infrastructure	\$9M	Ongoing upgrades & cost savings
Small Projects	\$9M	Ongoing prioritized small projects
Contingency	\$9M	5%
Design Future Projects	\$10M	Science (Labs), Library/Learning Resources, Bookstore & Makerspace
Subtotal	\$199M	

Phased Funding and Projects: Phase 1B

4 Years, 2022–25

PROJECT	COST	CRITERIA
Science (Labs)	\$45M	Meets Highest Academic Need & Best Location
PE Complex (Gym, Wellness & Aquatics)	\$35M	Cost \$75 M without State Funding. Meets Academic & Location Needs. Makes old Gym (3) site available for Auditorium
Heritage Hall	\$5M	Designed with RR. Complete Neighborhood
Library/Learning Resources	\$60M	High Academic/Support Need & Old Library (6) available for Repurposing
Bookstore (new)	\$12M	Replace end-of-life, meet Academic Need & old 9A available for new structure
Makerspace	\$30M	Meets Academic Need/Complete Neighborhood
Infrastructure	\$6M	Ongoing upgrades & cost savings
Small Projects	\$6M	Ongoing prioritized small projects
Contingency	\$10M	5%
Design Future Projects	\$10M	Student Services North, Technical Education, Fine Arts, School of Continuing Education, Adult Ed, Library Remodel, Brackett Field
Subtotal	\$219M	

Phased Funding and Projects: Phase 2

4 Years, 2026–29

PROJECT	COST	CRITERIA
Student Services North	\$50M	Replace end-of-life structures (9A), Meets Support & Location Needs
Technical Education (new)	\$60M	Cost \$110 M without State Funding. Meets High Academic & Location Need
Remodel Humanities & Social Sciences Bldg 26	\$20M	Resize classrooms, add faculty offices & modernize rooms
School of Continuing Education	\$30M	Meets Academic, Access & Location Needs
Brackett Field Upgrade	\$5M	Meets Academic Need/Upgrades outdated facility/Safety & Access
Infrastructure	\$7M	Ongoing upgrades & cost savings
Small Projects	\$8M	Ongoing prioritized small projects
Contingency	\$9M	5%
Design Future Projects	\$10M	Auditorium/Lot B Parking, Tech Building 28AB Remodel
Subtotal	\$199M	

Phased Funding and Projects: Phase 3

4 Years, 2030–33

PROJECT	COST	CRITERIA
Auditorium/B Parking	\$85M	Meets Academic Need. Meets Parking Growth & Location Needs
Adult Education	\$14M	Meets Academic, Access & Location Needs
Renovate Student Services Bldg 9B	\$17M	Improves space utilization/Upgrades facility/Safety & Access
Nature Center	\$5M	Meets Academic & Location Needs
Infrastructure	\$3M	Ongoing upgrades & cost savings
Small Projects	\$3M	Ongoing prioritized small projects
Contingency	\$6M	5%
Subtotal	\$133M	
GRAND TOTAL	\$750M	
Grand Total	\$790M	Without State \$ for PE Complex
Grand Total	\$800M	Without State \$ for Technical Education (new)
Grand Total	\$840M	Without State \$ for PE Complex + Technical Education

Phased Funding and Projects: Other

During Bond Project, As Funding is Available

PROJECT	COST
Parking Structure Projects:	
F Parking Structure	\$45M
Major Projects:	
Campus Safety	\$3M
Fine Arts	\$35M
Major Renovation Projects:	
College Services Bldg 6 (Old Library)	\$50M
College Services Bldg 23	\$5M
Science Bldgs 7 and 60	\$10M
General Instructional Space Bldg 28AB (Old Technology)	\$60M

PROJECT	COST
Minor Projects:	
Fire Training	\$4M
Maintenance & Operations Bldg 47 Renovation	\$4M
Receiving/Transportation Bldg 48 Renovation	\$4M
Reuse Depot	\$6M
Sand Volleyball Courts, Athletics Toilet Rooms, and Concessions	\$5M
Studio Theater 2T Renovation	\$7M
Total TBA Funding	\$238M

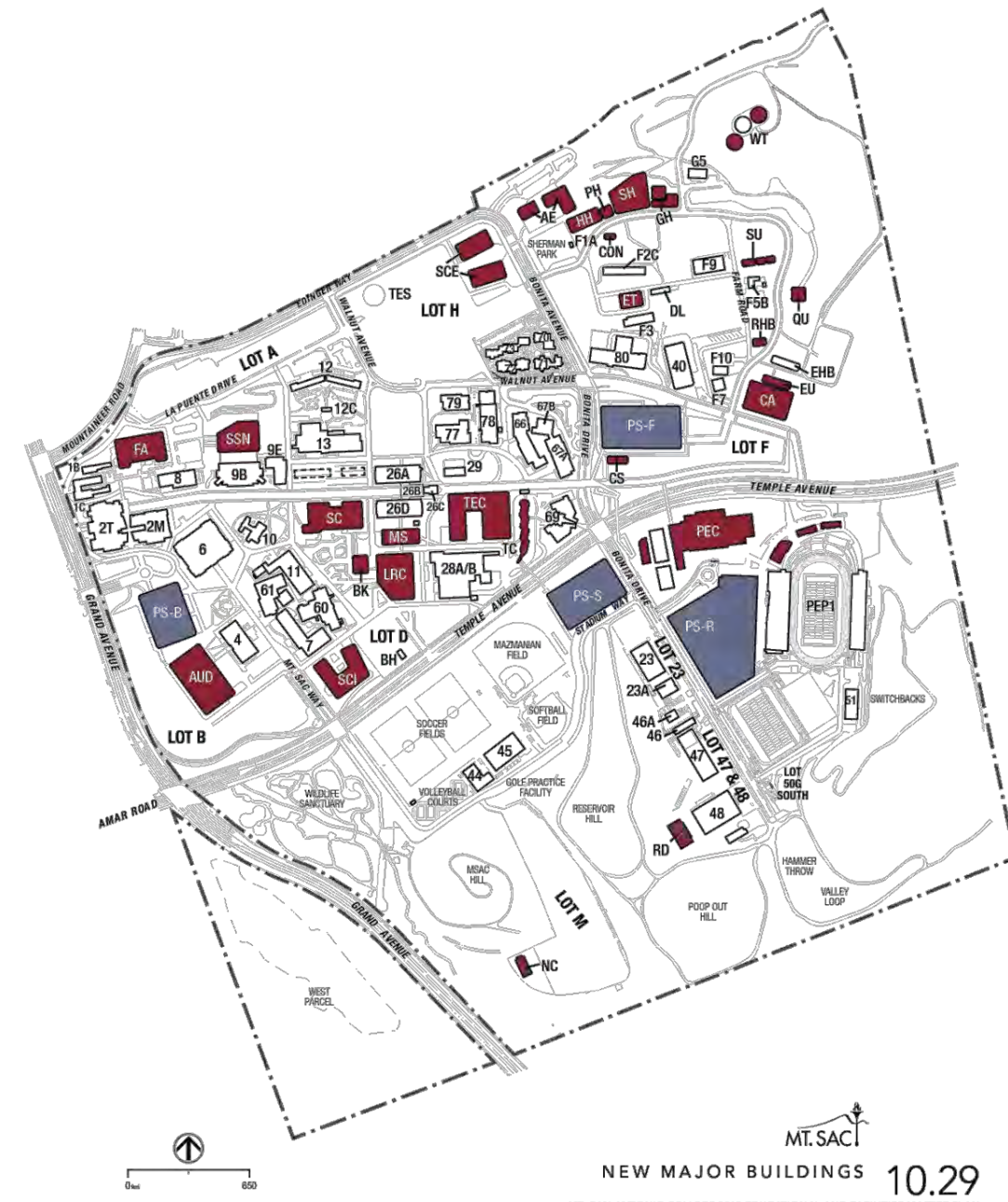


Anticipated Bond Projects

- New Major Buildings
- Major Renovations
- Minor Projects

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

---	PROPERTY LINE
	EXISTING FACILITIES
	NEW MAJOR BUILDINGS
	PARKING STRUCTURES



NEW MAJOR BUILDINGS 10.29

MT. SAN ANTONIO COLLEGE 2018 EDUCATIONAL AND FACILITIES MASTER PLAN
GBT AND HMC ARCHITECTS / DRAFT DATED 1.30.19

Adult Education

- Replaces temporary facilities—buildings that are not designed for today's technologies or pedagogies
- Provides new permanent facilities of equivalent quality as those used by students in other Mt. SAC programs
- Serves a critical growing need in the community
- Links to the new School of Continuing Education (SCE) and together they create a welcoming complex with a clear brand and identity

LEGEND

---	PROPERTY LINE
EXISTING FACILITIES	
NEW MAJOR BUILDINGS	
MAJOR RENOVATIONS	
PARKING STRUCTURES	



Auditorium

- Signature building, linked aesthetically with Parking Structure B, announcing Mt. SAC's presence along its most well-viewed frontage— Grand Avenue
- Multi-use, acoustically superior, sloped seating facility that will seat 1,200–1,500 persons
- Available for community events and gatherings
- Anchors the future Community-oriented development zone

LEGEND

---	PROPERTY LINE
■	EXISTING FACILITIES
■	NEW MAJOR BUILDINGS
■	MAJOR RENOVATIONS
■	PARKING STRUCTURES



Bookstore

- New multi-story facility to replace Building 9A
- Second floor provides much needed flexible space for the growth of programs and services such as Administrative Services and college initiative programs
- Centrally located adjacent to the new Student Center and Library/Learning Resources
- Adjacent to passenger loading and accessible and short-term parking for easy student and community access

LEGEND

---	PROPERTY LINE
---	EXISTING FACILITIES
■	NEW MAJOR BUILDINGS
■	MAJOR RENOVATIONS
■	PARKING STRUCTURES



Campus Safety

- New central base for the Mt. SAC Police and Campus Safety Department
- Accommodates operations and growth due to transition to a POST-participating police force
- Provides a visible, accessible, welcoming and easy to find customer service area for students, staff, visitors and the community
- Located with good access to both the campus and public roads from an area not heavily impacted by traffic

LEGEND

---	PROPERTY LINE
■	EXISTING FACILITIES
■	NEW MAJOR BUILDINGS
■	MAJOR RENOVATIONS
■	PARKING STRUCTURES



Fine Arts

- Replaces the existing outdated, single-story Building 1A in the same location at the core of the Fine and Performing Arts Precinct
- The new multi-story facility improves land use and provides for program growth and emerging curriculum within the same footprint
- Provides facilities designed with a focus on experiential learning and a balance in instruction between analog and digital techniques

LEGEND

---	PROPERTY LINE
---	EXISTING FACILITIES
■	NEW MAJOR BUILDINGS
■	MAJOR RENOVATIONS
■	PARKING STRUCTURES



Library/Learning Resources

- Mt. SAC's symbolic family room at the center of the academic core and adjacent to the Student Center, Makerspace, and Bookstore
- Provides for program growth, flexible spaces, and facilities designed for today's technologies and pedagogies
- Encourages students to stay on campus to study and pursue research in a comfortable environment
- Seen by the community from Temple Avenue, it will be a prominent and inviting symbol and clear "face" of the College

LEGEND

---	PROPERTY LINE
---	EXISTING FACILITIES
---	NEW MAJOR BUILDINGS
---	MAJOR RENOVATIONS
---	PARKING STRUCTURES



Maker

- rspace



Nature Center

- Highlights and supports Mt. SAC's use of its unique Wildlife Sanctuary
- The first College facility to be seen by vehicles traveling north into the campus from Grand Avenue
- Has the potential to be a highly visible icon and symbol of Mt. SAC's environmental stewardship
- Provides observation points, visitor support facilities, and space for instruction, exhibition, educational events, and workshops

LEGEND

---	PROPERTY LINE
---	EXISTING FACILITIES
---	NEW MAJOR BUILDINGS
---	MAJOR RENOVATIONS
---	PARKING STRUCTURES



Physics

- LEGEND**
- PROPERTY LINE---
- EXISTING FACILITIES
- NEW MAJOR BUILDINGS
- MAJOR RENOVATIONS
- PARKING STRUCTURES



School of Continuing Education

- Replaces dispersed and temporary facilities—buildings that are not designed for today's technologies or pedagogies
- Provides new permanent facilities of equivalent quality as those used by students in other Mt. SAC programs
- Serves a critical growing need in the community
- Links to the new Adult Education facility and together they create a welcoming complex with a clear brand and identity

LEGEND

---	PROPERTY LINE
■	EXISTING FACILITIES
■	NEW MAJOR BUILDINGS
■	MAJOR RENOVATIONS
■	PARKING STRUCTURES



Science

- Provides much needed state-of-the-art facilities to meet growth and strong industry demand—especially in STEM disciplines
- Presents a new highly visible presence along Temple Avenue—enforcing Mt. SAC's brand and identity
- Extends the Science precinct and provides closer connection to the Wildlife Sanctuary
- Highlights and supports Mt. SAC's commitment to environmental stewardship

LEGEND

---	PROPERTY LINE
■	EXISTING FACILITIES
■	NEW MAJOR BUILDINGS
■	MAJOR RENOVATIONS
■	PARKING STRUCTURES



2018 FACILITIES MASTER PLAN

10.5

MT. SAN ANTONIO COLLEGE 2018 EDUCATIONAL AND FACILITIES MASTER PLAN
CBT AND FMC ARCHITECTS / DRAFT DATED 1.30.18

Student Center

- Provides inviting, inclusive, and comfortable places needed to encourage student engagement
- Houses essential flat-floor, flexible event space suitable for the many events, meetings, and presentations that are hosted by Mt. SAC and are often open to the community
- Located in the physical center of the academic core and adjacent to the enhanced Miracle Mile and the new Library/Learning Resources, Bookstore, and Makerspace

LEGEND

---	PROPERTY LINE
---	EXISTING FACILITIES
---	NEW MAJOR BUILDINGS
---	MAJOR RENOVATIONS
---	PARKING STRUCTURES



Students

- # Student Services North
- Houses space for Mt. SAC's rapidly growing General Support Services
 - Designed with the capacity and flexibility to accommodate future growth and new programs driven by enrollment growth and State initiatives
 - Anchors a welcoming new northern gateway to the campus and expands the Student Services Precinct with strong connections to primary pedestrian pathways and student-oriented outdoor spaces
- LEGEND

 - PROPERTY LINE---
 - EXISTING FACILITIES
 - NEW MAJOR BUILDING
 - MAJOR RENOVATION
 - PARKING STRUCTURE



Technical Education

- Provides much needed state-of-the-art facilities to meet growth and strong demand for programs that support the local economy—especially in career technical education
- Remedies the constraints of the existing Building 28AB—facilities that are outdated and not designed for today's technologies or pedagogies
- Creates modern, flexible learning environments that support hands-on learning and sufficient space for innovation
- Located adjacent to the new Makerspace and adjacent to the expanded Miracle Mile and Transit Center

LEGEND

---	PROPERTY LINE
---	EXISTING FACILITIES
---	NEW MAJOR BUILDINGS
---	MAJOR RENOVATIONS
---	PARKING STRUCTURES



Transit Center

- In collaboration with Foothill Transit, this public transportation hub will promote equitable access to Mt. SAC's programs by students that may not have their own vehicles
- It will help accommodate the College's growth and mitigate traffic and parking problems in a way that is cost effective and environmentally sustainable

LEGEND

---	PROPERTY LINE
EXISTING FACILITIES	
NEW MAJOR BUILDINGS	
MAJOR RENOVATIONS	
PARKING STRUCTURES	



Major

- **Potential building replacement pending feasibility study at time of programming



Minor Projects

- Brackett Field Improvements
- Fire Training
- Heritage Hall
- Maintenance and Operations Building 47 Renovation
- Receiving/Transportation Building 48 Renovation
- Reuse Depot
- Sand Volleyball Courts, Athletics Toilet Rooms, and Concessions
- Studio Theater 2T Renovations



LEGEND

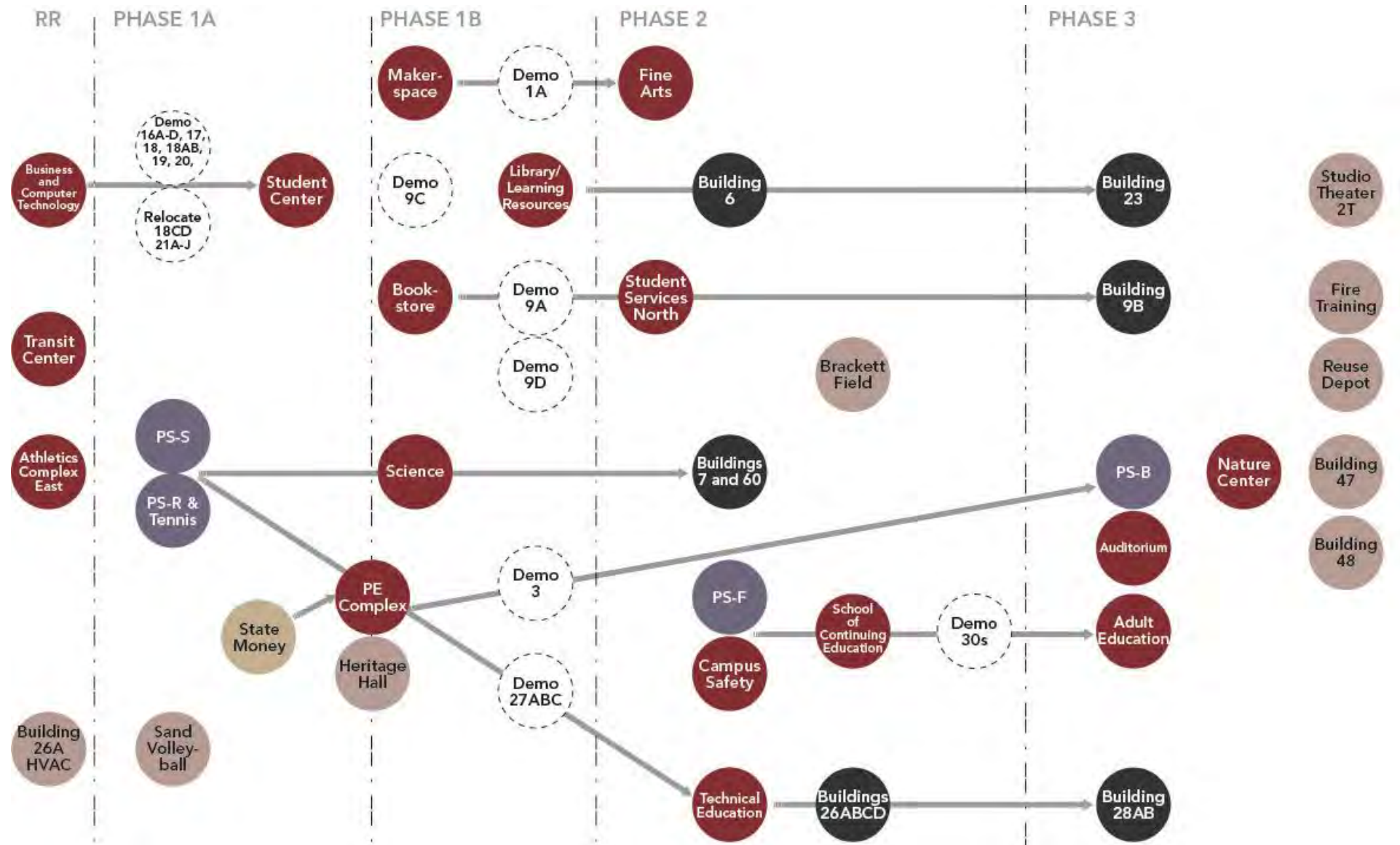
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□	EXISTING FACILITIES
■	NEW MAJOR BUILDINGS
■	MAJOR RENOVATIONS
■	PARKING STRUCTURES



Implementation

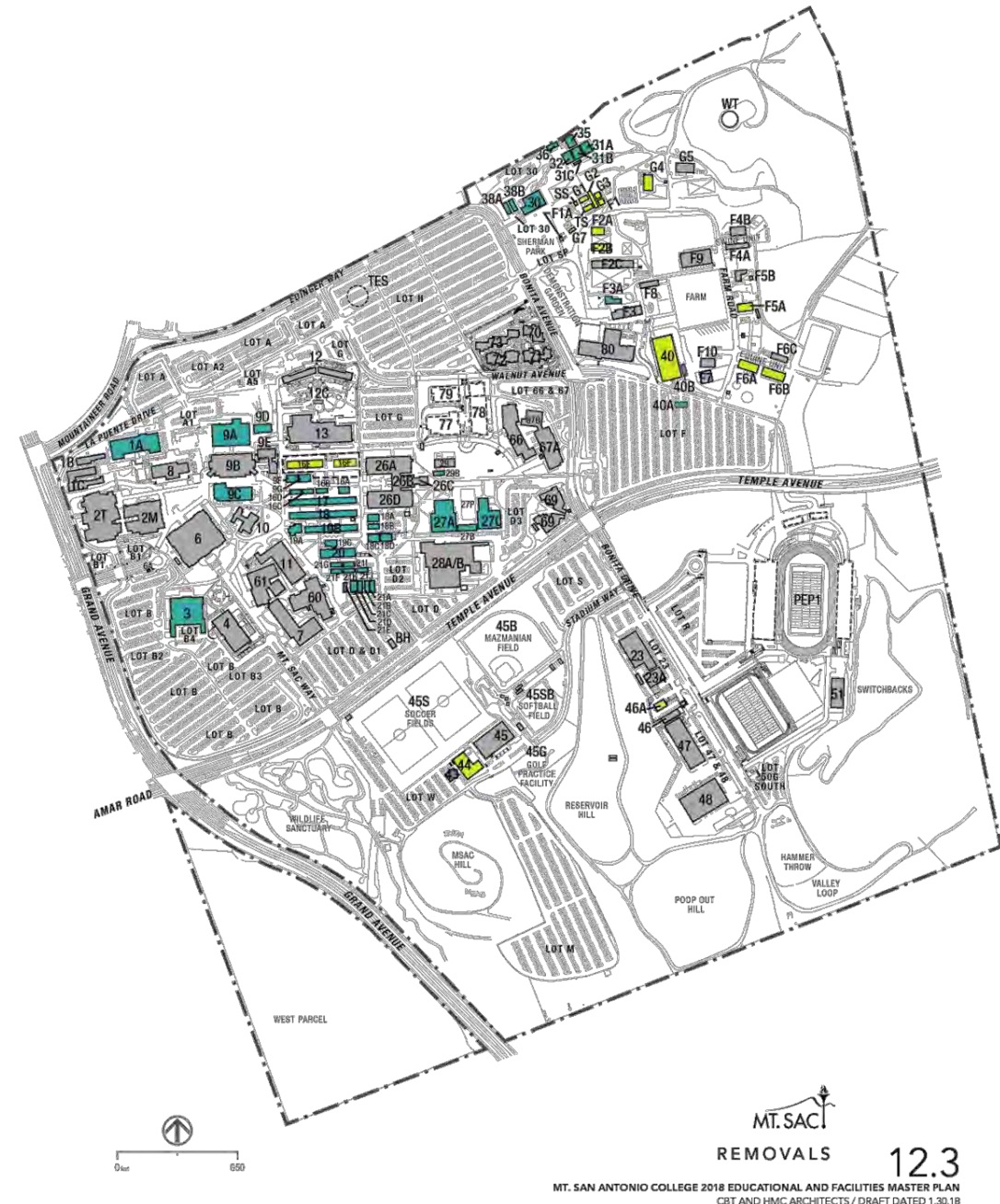
- Phasing
- Removals
- Future Asset Development
- Landscape Guidelines

Phasing



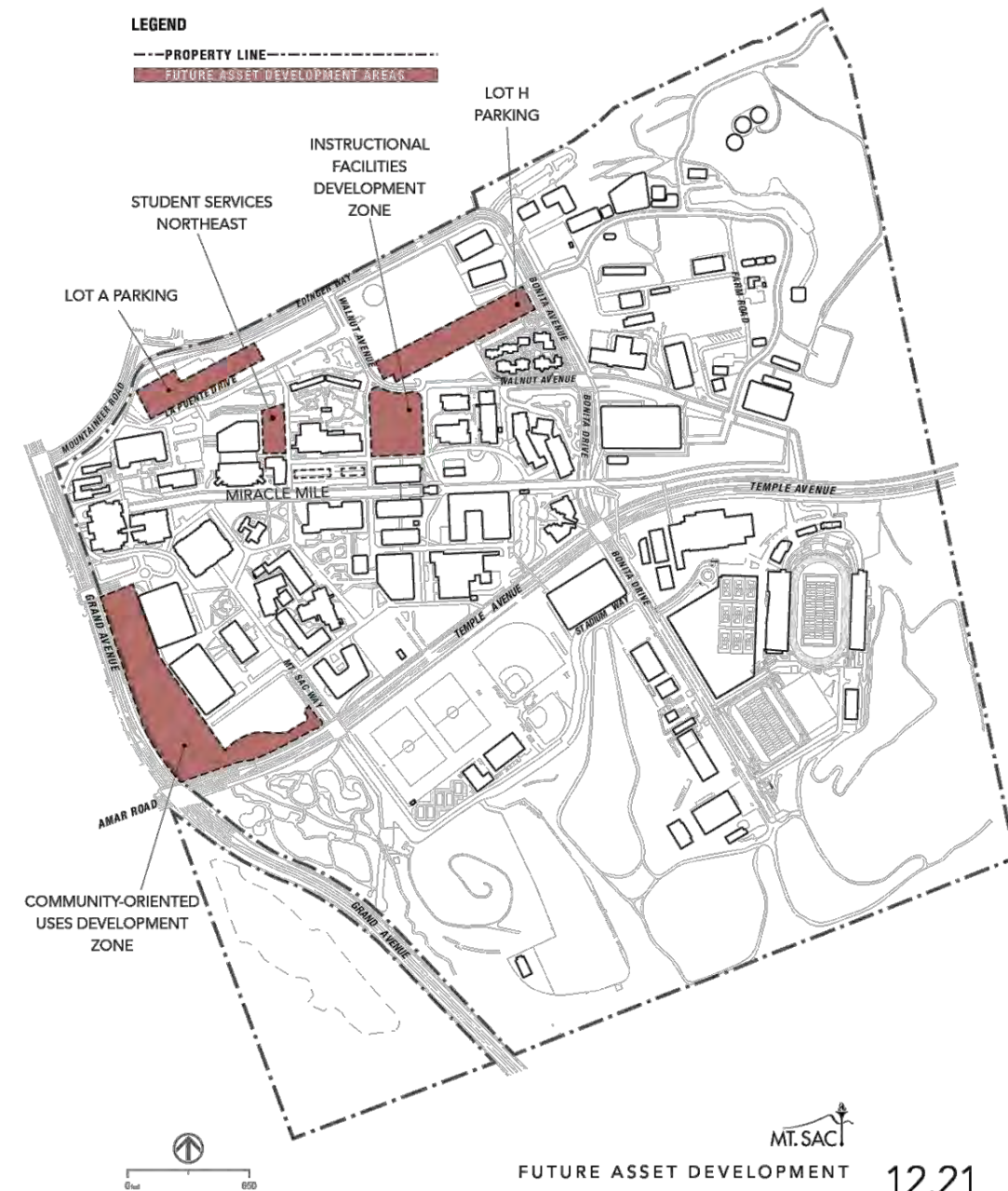
Removals

- The decision to remove a campus facility is based on many considerations:
 - o Age Condition
 - o Size
 - o Location
 - o Potential Adaptability
- Removal is recommended when a facility has reached the end of its useful lifespan and the cost to renovate it approaches or even exceeds the cost to replace it



Future Asset Development

- Community-Oriented Uses Development Zone
- Lot A Parking
- Student Services Northeast
- Instructional Facilities Development Zone
- Lot H Parking





Landscape Guidelines

They are intended to provide strategies for landscape project design, implementation, and maintenance that contribute to a unified, accessible, and sustainable campus landscape.

Key recommendations include:

- o Development of a Campus Landscape Advisory Committee
 - o Adherence to the Sustainable Site Initiative system
 - o Development of a campus-wide bicycle plan
 - o Participation in the Tree Campus USA program
- Sustainability Goals
 - Hardscape
 - Bicycle Circulation
 - Pedestrian Circulation
 - Wayfinding and Signage
 - Campus Gateways
 - Site Lighting
 - Site Furnishings and Amenities
 - Planting and the Campus Forest
 - Planting Palette



Next Steps

- Community Outreach
- CEQA Compliance
- Site and Facilities Project Implementation
- Integrated Planning Updates
- Design Guidelines and Building Standards
- Other Actions



Next Steps

Community Outreach

- Community Outreach
- Role of Community Facilities Plan Advisory Committee (CFPAC)
 - o Link to Citizen's Oversight Committee (COC)

CEQA Compliance

- Prepare 2018 EFMP Subsequent Program Environmental Impact Report (SEIR)
- Prepare Project Environmental Impact Reports as needed



Next Steps

Site and Facilities Project Implementation

- Update Five-year Capital Construction Plan
- Prepare Project Scoping Documents
- Submit Project Proposals for State Capital Outlay Funding
- Prepare Project Programming Documents
- Implement Project Design and Construction

Integrated Planning Updates

- Utilities Infrastructure Master Plan Update
- Stormwater Master Plan Update
- Parking and Circulation Master Plan Update
- Technology Master Plan Update
- Scheduled Maintenance Plan Update



Next Steps

Design Guidelines and Building Standards

- Update or Prepare Overall Campus Design Guidelines and Building Standards
- Create the following specific Guidelines/Standards:
 - o Sustainability Standards
 - o Landscape Construction Standards
 - o Campus Lighting Plan and Guidelines
 - o Campus Signage and Wayfinding Plan and Guidelines
 - o Campus Space Standards and Furniture, Fixtures, and Equipment Guidelines

Other Actions

- Create a Public Arts Plan
- Create a Universal Design Plan
- Establish Campus Landscape Advisory Committee
- Partake in the Tree Campus USA program
- Prepare a Campus Bicycle Policy and Plan
- Continue Participation in the Starfish Regional Transportation Coalition



Discussion