

2005

B. PAST PLANNING EFFORTS



MASTER PLAN UPDATE 2005

Initiated in 2004, the Master Plan Update was completed in July 2005 by AC Martin Partners, Inc., Community Colleges Services Group, SWA Group, and Meyer Mohaddes Associates, Inc. The Update re-evaluated the previous 2002 Master Plan document to address changes to several of the Measure R projects and overall campus plan. The Plan Update identified fifteen long-term campus projects keyed by number 1 through 15. It recommended a single primary axial pedestrian path from east to west (named "Miracle Mile"), terminating at the tunnel to the athletics zone. A Framework Tree and Plant Species List was recommended according to zones established by use type: Miracle Mile, Courtyards, Cross-Axes, Parking, and Campus Edge. A Sign Plan located directional signs, campus maps, and exterior building signs. An Emergency Access Plan and Universal Access plan were also included.

PROJECT KEY

- 1 South Science Laboratory
- 2 Agricultural Sciences Complex (Main Facility Only)
- 3 Child Development Center/Early Childhood Learning Lab
- 4 Business and Computer Technology Center
- 5 Design Technology Center (includes 400-Person Assembly Space)
- 6 Gymnasium (net new space approximately 10,000 GSF)
- 7 Campus Center
- 8 Music Expansion
- 9 Off-Campus Learning Centers
- 10 Community Education Facility
- 11 North Sciences/Math
- 12 Heritage Hall
- 13 Parking Structure (2,250 spaces)
- 14 Future Class/Lab Building
- 15 Future Class/Lab Building
- * Campus-wide Infrastructure: Grounds, Landscape, Open Space Projects, Circulation System, and Transportation Improvements



SITE PLAN UPDATE 2008

The Site Plan Update 2008 was completed by GKK Works. The 2005 Site Plan was reviewed and updated in July 2008. The scope of the update included changing the project list, identification methods, and location changes.

2008-2009 EDUCATIONAL MASTER PLAN

In 2008, the District employed a consultant, Grace Mitchell, to work with the Institutional Effectiveness Committee to develop an Educational Master Plan. This project was completed and the final document, the 2008-09 Educational Master Plan, was accepted by the Board of Trustees. The Educational Master Plan provided much of the information necessary to complete the Facility Master Plan 2012.

PROJECT KEY

- A Library, Learning Resources, and Campus Center
- B Business and Computer Technology
- C Child Development Center
- D Athletics Complex Phase 2
- E Career and Technical Education Building Renovation
- F Classroom Building Renovation
- G Laboratory Building Expansion
- H Fire Academy (Possible Site)
- I Public Transportation Center
- J Parking, Public Safety, and Traffic Improvements
- K Scheduled Maintenance
- L Campus-wide Improvements

- New Bond Projects
- Measure R Bond Projects
- Future Other Funds
- Existing Campus
- Intersection Improvements

2012



E. MASTER PLAN

The Facilities Master Plan Update continues the primary improvements planned by the Measure RR projects and previous planning efforts. The key recommendations are:

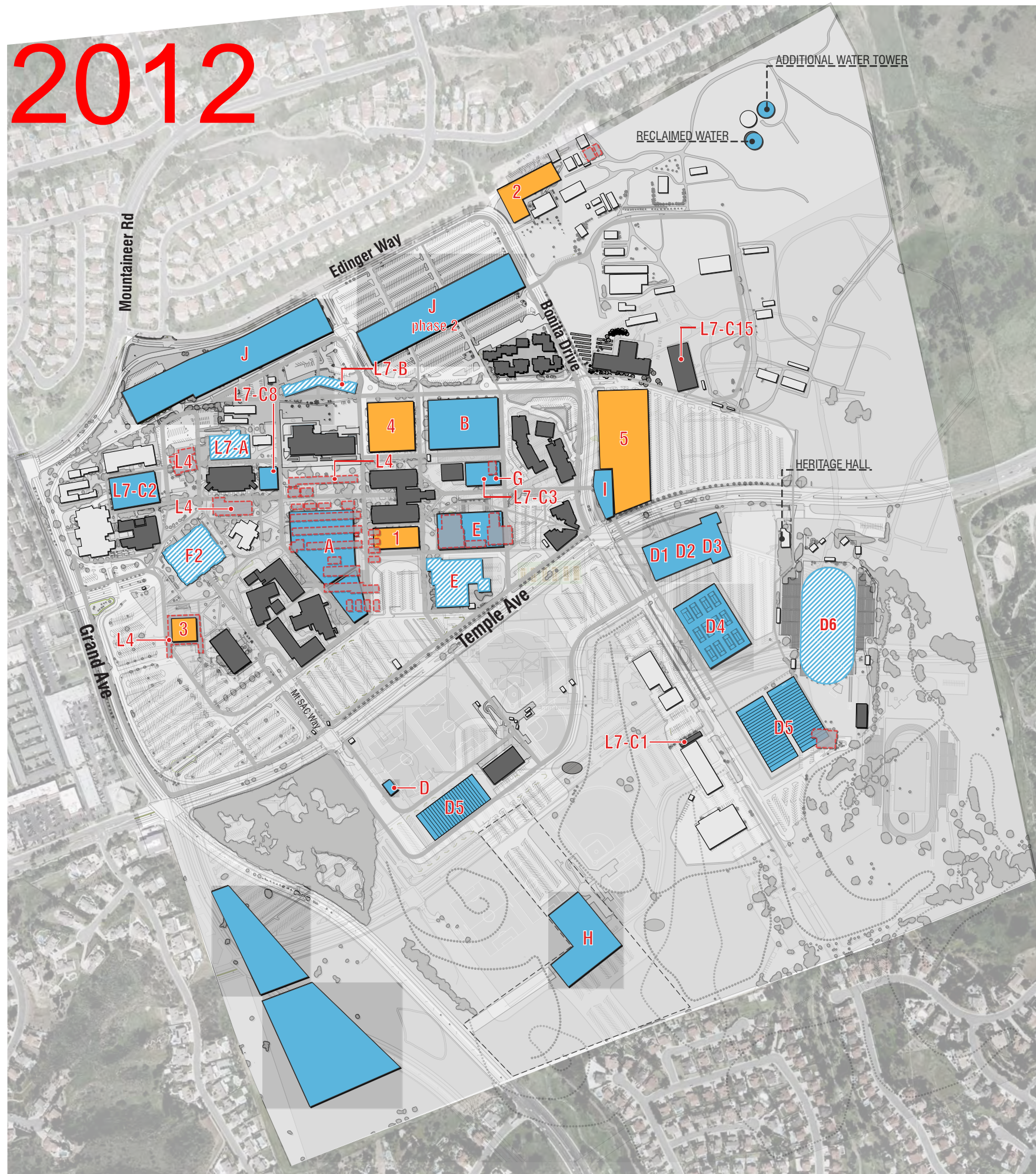
- Establish use zones in which each incorporate areas for pedestrian interaction and enhanced integration;
- improve connectedness between each use zone;
- illustrate location of all projects currently planned by the District;
- illustrate potential future building sites for instruction programs for future growth;
- establish a linked network of pedestrian circulation, open spaces, and exterior study/collaboration space to enhance student/faculty/staff learning and campus life;
- plan vehicular circulation that will limit pedestrian conflicts while allowing ease of access to parking and service for buildings; and
- establish location and potential capacity of parking improvements to accommodate planned student growth.

Measure Name	ID No.
Library/Campus Center	A
Business & Computer Technology	B
Athletic Concessions and Restrooms	D
Athletic Education Building (includes Gymnasium)	D1
Pool (Athletic Education Building lower level)	D2
Team Room	D3
Tennis Courts (12 competition courts)	D4
Practice Fields	D5
Stadium Renovation	D6
Career & Technical Education Building Renovation & Expansion	E
Classroom Building Renovation	F2
Laboratory Building Expansion	G
Fire Training Academy	H
Public Transit Center	I
Parking Structure (2,300 spaces)	J
Building 9A Renovation	L7-A
Building 12 Renovations	L7-B
Facilities Improvement Projects #1 - EOC/Facilities Plan Room	L7-C1
Facilities Improvement Projects #2 - Food Service	L7-C2
Facilities Improvement Projects #3 - Language Lab Expansion	L7-C3
Facilities Improvement Projects #4 - Student Support Services	L7-C8
Building 40 Continuing Education Remodel	L7-C15
Future Instructional Building Zone (two-story, 35,000 sf)	1
Future Adult Education Zone	2
Auditorium Zone (1,200 seats)	3
Future Instructional Building Zone	4-5

LEGEND

- FUTURE NEW BUILDING OR EXPANSION ZONE
- EXISTING BUILDING - TO BE RENOVATED UNDER RR
- EXISTING BUILDING - TO REMAIN
- FUTURE PROGRAM ZONE
- A** PROJECT ID

2012



PROPOSED PROJECTS

PROJECT LIST

Measure Name	ID No.
Library/ Campus Center (begun after completion of Project E)	A
Business & Computer Technology (begun after replacement of Measure D4)	B
Athletic Concessions and Restrooms	D
Athletic Education Building (includes Gymnasium)	D1
Pool (Athletic Education Building lower level)	D2
Team Room	D3
Tennis Courts (12 competition courts)	D4
Practice Fields	D5
Stadium Renovation	D6
Career & Technical Education Building Renovation & Expansion	E
Kinesiology & Athletics	F1
Classroom Building Renovation	F2
Laboratory Building Expansion	G
Fire Training Academy	H
Public Transit Center	I
Parking Structure (2,300 spaces)	J
Demolish in Future: Old Gym (3), Student Life Center (9C), Liberal Arts 2 (16), Campus Inn (8), and Row Buildings (17-21)	L4
Building 9A Renovation	L7-A
Building 12 Renovations	L7-B
Facilities Improvement Projects #1 - EOC/Facilities Plan Room	L7-C1
Facilities Improvement Projects #2 - Food Service	L7-C2
Facilities Improvement Projects #3 - Language Lab Expansion	L7-C3
Facilities Improvement Projects #4 - Student Support Services	L7-C8
Building 40 Continuing Education Remodel	L7-C15
Future Programs	
Future Instructional Building Zone (two-story, 35,000 sf)	1
Future Adult Education Zone	2
Auditorium Zone (1,200 seats)	3
Future Instructional Building Zone	4
Future Instructional Building Zone	5

LEGEND

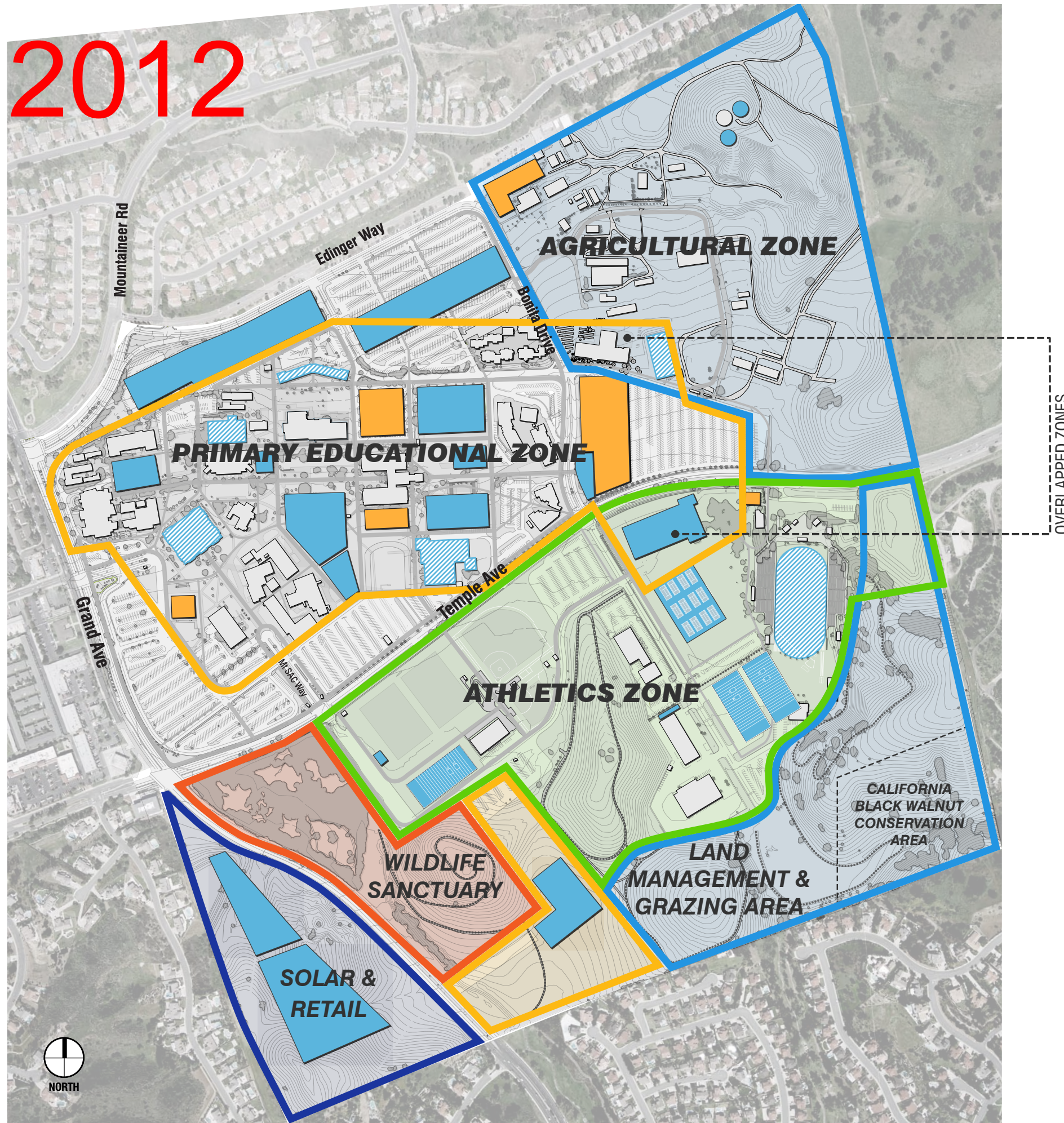
- FUTURE NEW BUILDING OR EXPANSION ZONE
- EXISTING BUILDING - TO BE RENOVATED UNDER RR
- EXISTING BUILDING - DEMOLITION
- EXISTING BUILDING - TO REMAIN
- FUTURE PROGRAM ZONE
- A PROJECT ID

*Projects not in prioritized order

2012

CAMPUS ZONING

Identifying zones of primary use is recommended to establish a guideline for location of programs, identify resources easily accessible, and establish overall infrastructure needs. Six use zones are proposed according to their primary use. The zones are a Primary Educational Zone, Athletics Zone, Agricultural Zone, Wildlife Sanctuary, Land Management and Grazing Area, and Solar and Retail. Overlapping zones are shown to bridge the parking lots and roads that separate them. Planning in the Wildlife Sanctuary Zone will consist of recommendations for an improved perimeter and access points only, as that area involves joint use/management. A California Black Walnut Conservation Area is included within the Land Management and Grazing Area.



LEGEND

 HISTORIC CROSS COUNTRY COURSE

2012



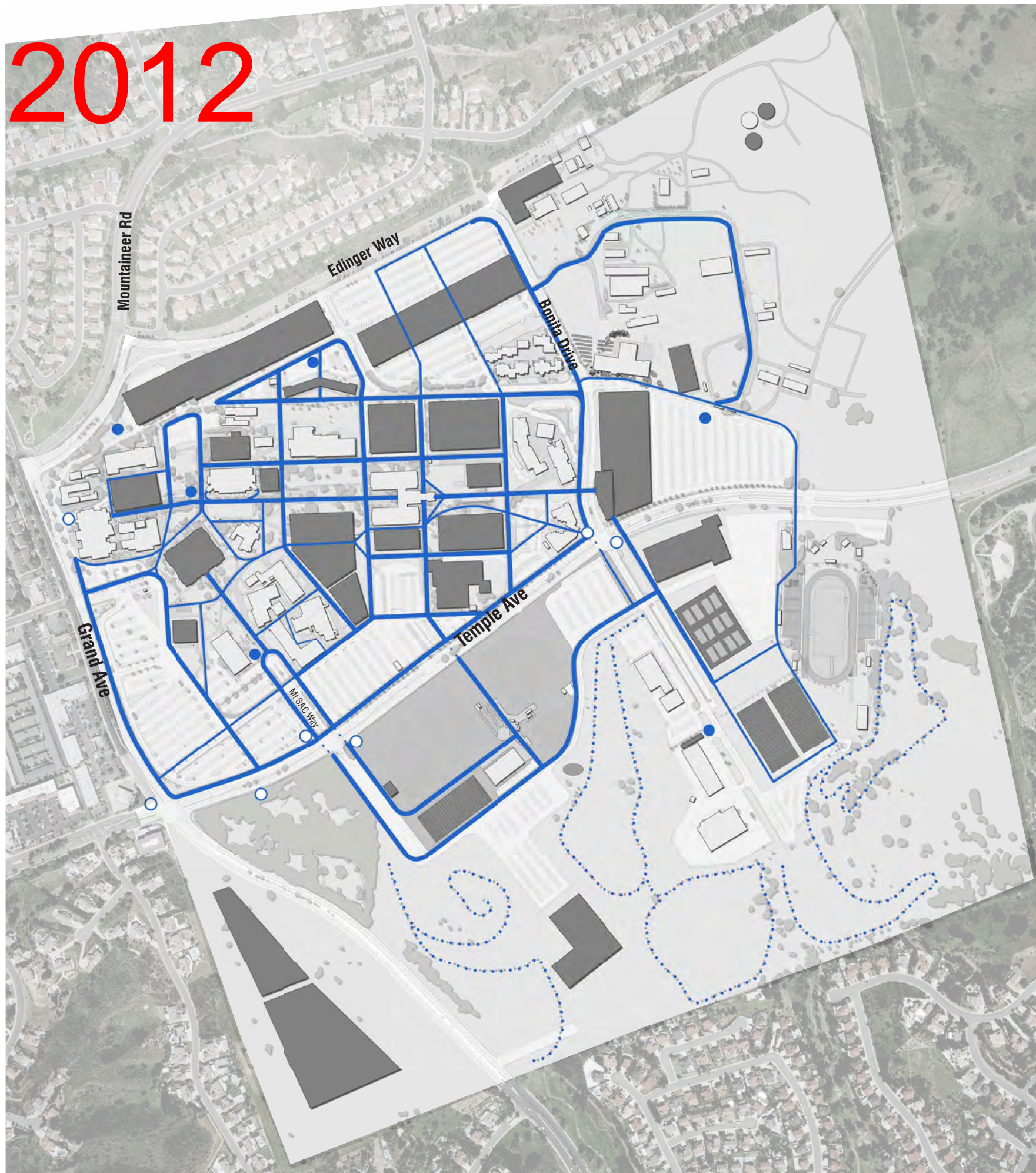
PRIMARY LANDSCAPE/OPEN SPACE

Primary improvements to landscape and open space are recommended to provide enhanced campus image, reinforce pedestrian circulation, and enhance the pedestrian experience. The District intends to provide planning for primary landscape and open space as part of future projects. All new landscape is recommended to be compatible with the region and be low water use as much as reasonable. Non-indigenous trees such as palms should not be continued on the campus, particularly in the pedestrian areas, as they are not in keeping with the region and do not provide shaded pedestrian scaled landscapes.

1. Campus public image along the primary public streets of Temple Avenue and Grand Avenue should be enhanced to remove parking that is directly adjacent to the streets and provide a more generous, landscaped perimeter with public sidewalk that is set back from the curb. Trees should be selected to be shade-providing for most of the year.
2. Primary drop-off zones should have similar shade trees for pedestrian shade, sidewalk set back from the curb, and trees to provide shade while allowing views to campus pathway connections.
3. A new pedestrian plaza/green is recommended to connect the proposed parking deck to the primary central campus pedestrian path. This green area should also be planted with shade trees and allow good views to the primary east-west path. Significant grade difference between the main path and the parking deck provides opportunities for integrated seating and gathering spaces.
4. A primary east-west pedestrian spine should be provided with sufficient space along sidewalks to have trees and areas for integrated seating. The character of the primary spine should be consistent to provide a strong orientation for campus users.
5. The intersection of Bonita Drive and Temple Avenue will become a primary campus connection for pedestrians to the Athletic Instruction Zone. Parking lot F will provide much needed parking for major events in the Athletic Zone; but, the current sidewalk and landscape makes it seem very much removed and an uncomfortable connection. A new pedestrian gathering/orientation plaza should be planned to include improvements on all three corners not currently well developed – northeast, southeast, and southwest. The plaza should provide a welcoming place for pedestrians to wait, view campus maps, and become oriented to their desired destination.
6. Adjacent to the primary east-west pedestrian spine, a minimum of two greens/gathering spaces should be provided to allow spaces for students to gather, study, and sit when they are not in class.

Campus Street Landscape/Public Image	1
Primary Drop-Off Zone	2
Secondary Drop-Off Zone	3
Primary East-West Pedestrian Landscape	4
Secondary Pedestrian Landscape	5
Pedestrian Gathering/Orientation	6
Primary Open Space	7

2012



PEDESTRIAN CIRCULATION

Pedestrian circulation on the Mt SAC campus is proposed to be centered around two primary themes: The Cohesive Campus and Creating Community.

The creation of a major perimeter loop that extends to all zones will help reinforce connections between the Educational, Athletic, and Agricultural Zones. The perimeter walk will also be a major amenity for the campus as a walking and jogging trail. Beyond the new perimeter circulation, new direct connections between Primary Educational and Athletic and Agricultural Zones are proposed as “short cuts” between the zones. A new connection to the major elevated crosswalk over Temple Avenue to the Athletic Zone and new Physical Education/Wellness facility is proposed to cut diagonally across the Primary Educational Zone. Another diagonal walk across the east parking lot from Bonita Drive to the Agricultural Zone is also proposed.

Existing crosswalks across Temple Avenue at the Grand Avenue intersection, Mt. SAC Way, and Bonita Drive will be supplemented with a new crosswalk located at the entry from Temple Avenue to Student Lot D. The new crosswalk will provide direct access to the Mazmanian Field and the Soccer Fields area.

Connections from the Primary Educational Zone to the perimeter parking areas will be enhanced to provide a well-defined, safer, and more pleasant route from the parking areas.

New distinct open spaces will be defined by the pedestrian walks and reinforced with landscaping. Curved Primary Walks create a picturesque campus, improve the flow of pedestrian traffic, provide a hierarchy of circulation, and help resolve topographic grade changes. All pedestrian walks should be reinforced by new trees that will provide shade, cut noise, and make for a more beautiful campus.

LEGEND

-  PRIMARY PEDESTRIAN CIRCULATION
-  SECONDARY PEDESTRIAN CIRCULATION
-  PEDESTRIAN CROSSWALK
-  HIKING / RECREATIONAL TRAILS
-  BUS STOPS
-  VAN ACCESS SERVICES

2012



VEHICULAR CIRCULATION

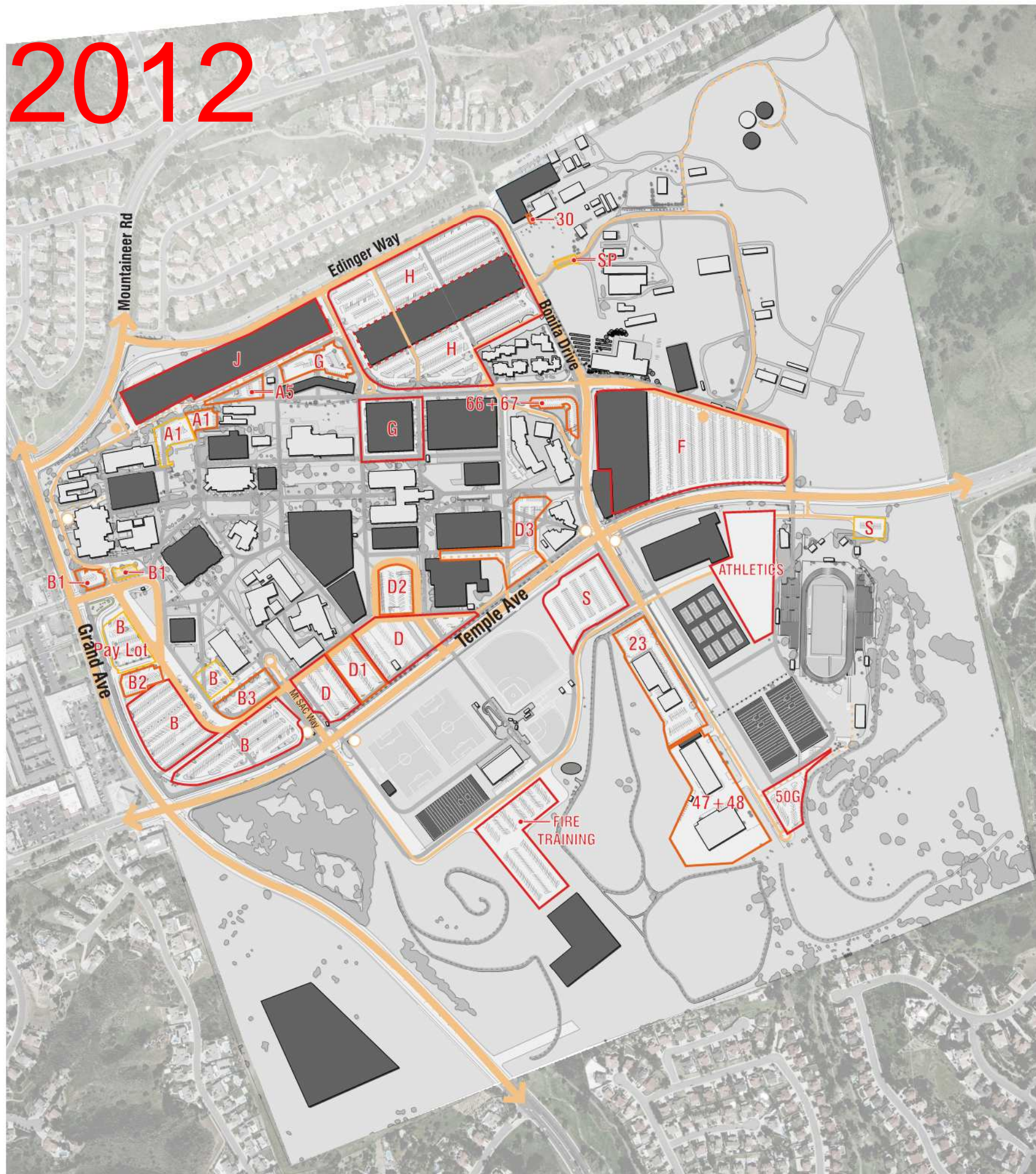
Primary on-site vehicle circulation is planned on the northern edge of the site to allow direct access to the proposed new parking deck and connect across Temple Avenue to the Athletics Zone. A new generous entry and vehicle drop-off is proposed to from Temple Avenue to the proposed Library/ Campus Center site. This expanded entry drive connects to a parking access drive that travels all the way to the main entry drive off Grand Avenue. That entry drive is too tight in size to accommodate the number and need for access for the current population.

LEGEND

-  PUBLIC ROAD
-  PRIMARY VEHICULAR CIRCULATION
-  SECONDARY VEHICULAR CIRCULATION
-  UNPAVED VEHICULAR CIRCULATION
-  SERVICE VEHICLE CIRCULATION
-  BUS STOPS
-  VAN ACCESS SERVICES

2012

CAMPUS PARKING



PARKING NEED

Planning for parking and California Community Colleges varies by location and student base. The overall planning guideline for parking is to use a ratio of one space needed for every five unduplicated headcount. This is not a rule, but gives a general basis for establishing a range of spaces that could be required.

The unduplicated headcount projected by Cambridge West, based on the programs and educational planning done to date is as follows:

2015: 38,671
2025: 55,277

Based on the planning guideline, the parking need would be as follows:

2015: 7,735
2025: 11,055

PARKING ANALYSIS

There are currently 7,344 parking spaces on site. This is an adequate number for the headcount. All existing parking is on surface parking lots north and south of Temple Avenue. The location and dispersal of the spaces is not effective, particularly for peak times of the semester. The largest lots are on the east side of campus, Lot H with 1,153 spaces and Lot F with 1,171 spaces. A large portion of Lot F is outside the 10 minute walking radius, which is the preferred distance for walking on a campus. The remainder of the lots are dispersed and largely not connected, an awkward arrangement that requires exiting on to a campus drive or public street to access another lot if one is full. The condition of having numerous, smaller lots is hard to manage for access and services. Particularly problematic is the placement of spaces accessed directly from undersized vehicle drives. This condition exists at Lots D3, W, 66, and 67.

A new parking structure is planned for 2,300 spaces. It is planned to be located in what is now Lots A and A2, which currently total 248 spaces, providing 2,052 additional spaces. At the time that project D site is prepared, temporary or replacement parking for 670 spaces currently in Lot R will be required, at a minimum. The parking structure should be completed prior to development of projects D1, D2, and D3 to provide the required additional parking spaces.

The current planned projects do not include the future project zones. The future project zones, where shown over parking, are planned to be retained as parking lots at this time. At the time the parking structure is built and Lot R is removed, there will be a total of approximately 8,726 spaces. An additional 2,300, or so, spaces should be considered to accommodate that need. Due to the intensive use anticipated for the D project, it is recommended that a new lot be considered south of that project for 300 cars. In addition, a 200-car lot should be considered at the new Fire Safety Training Center. The remaining unmet needs could be accommodated by a second parking structure east of Lot J.

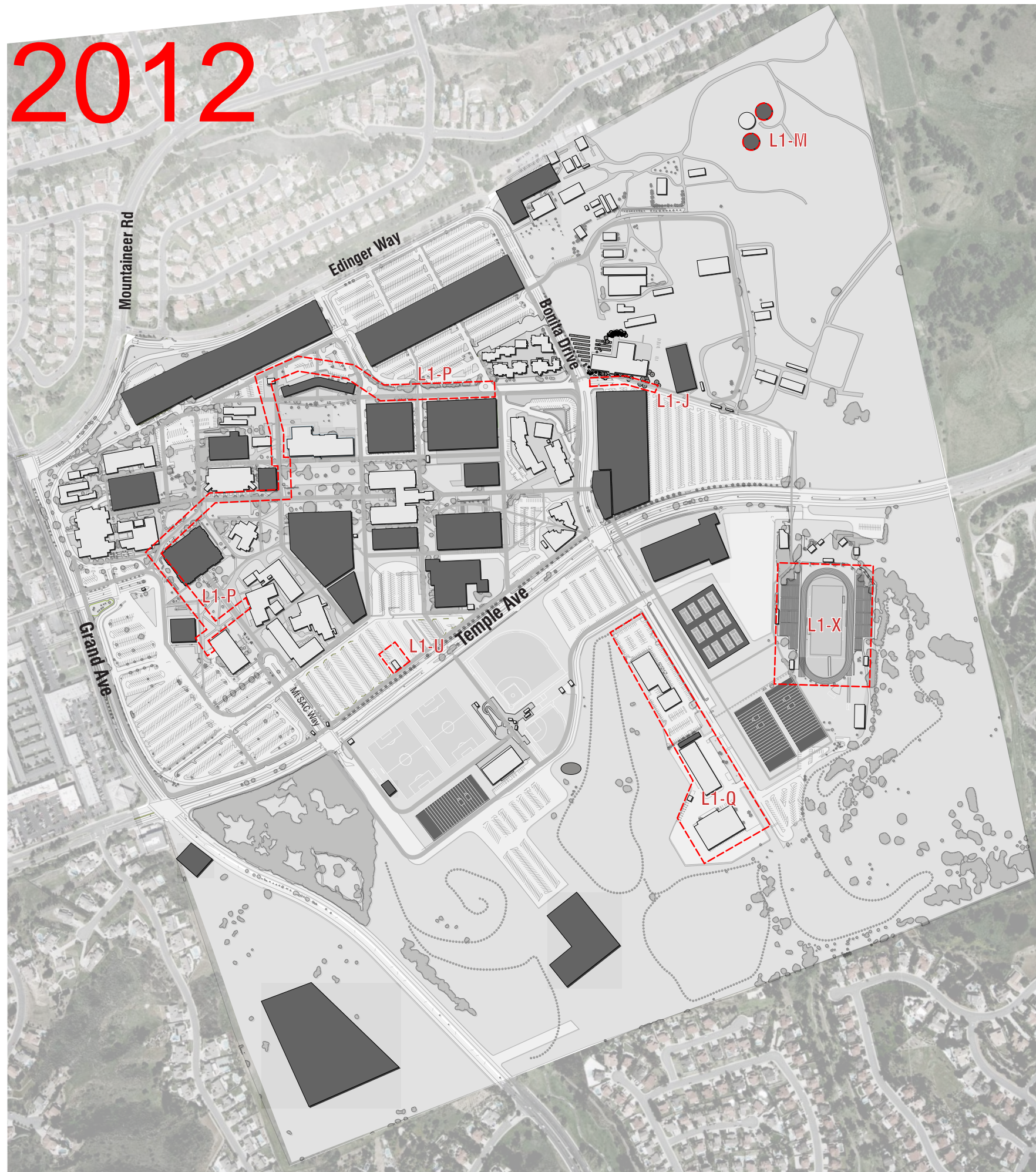
LEGEND

- STUDENT PARKING LOT
- STAFF PARKING LOT
- VISITOR PARKING LOT
- A** PARKING LOT ID

Existing spaces	7,344
Removed spaces – lots A,R,W	-1,319
Add Parking Structure J	+2,300
Add Fire Training lot	+200
Add Athletics lot	+300
<i>subtotal</i>	<u>8,825</u>
Add 2nd Parking Structure	2,200
total	11,025

A traffic study is recommended to be done using the projected headcount in this plan to determine the need and size for a supplemental parking structure in Lot H to accommodate the projected need.

2012



MAJOR INFRASTRUCTURE IMPROVEMENTS

The District has established the major infrastructure projects that are currently planned and provided the information shown here. The phasing of this work is to be established by the District.

PROJECT LIST

Measure Name	ID No.
North Campus Data Infrastructure	L1-P
Temple Avenue South Utility Infrastructure	L1-Q
Campus-wide Accessibility Improvements	L1-X
Stadium Accessibility Improvements	L1-X
Potable Water Storage and Farm Area Well	L1-M
Electrical Infrastructure - Balance Loops	L1-U
CW Pipe Extension	L1-J

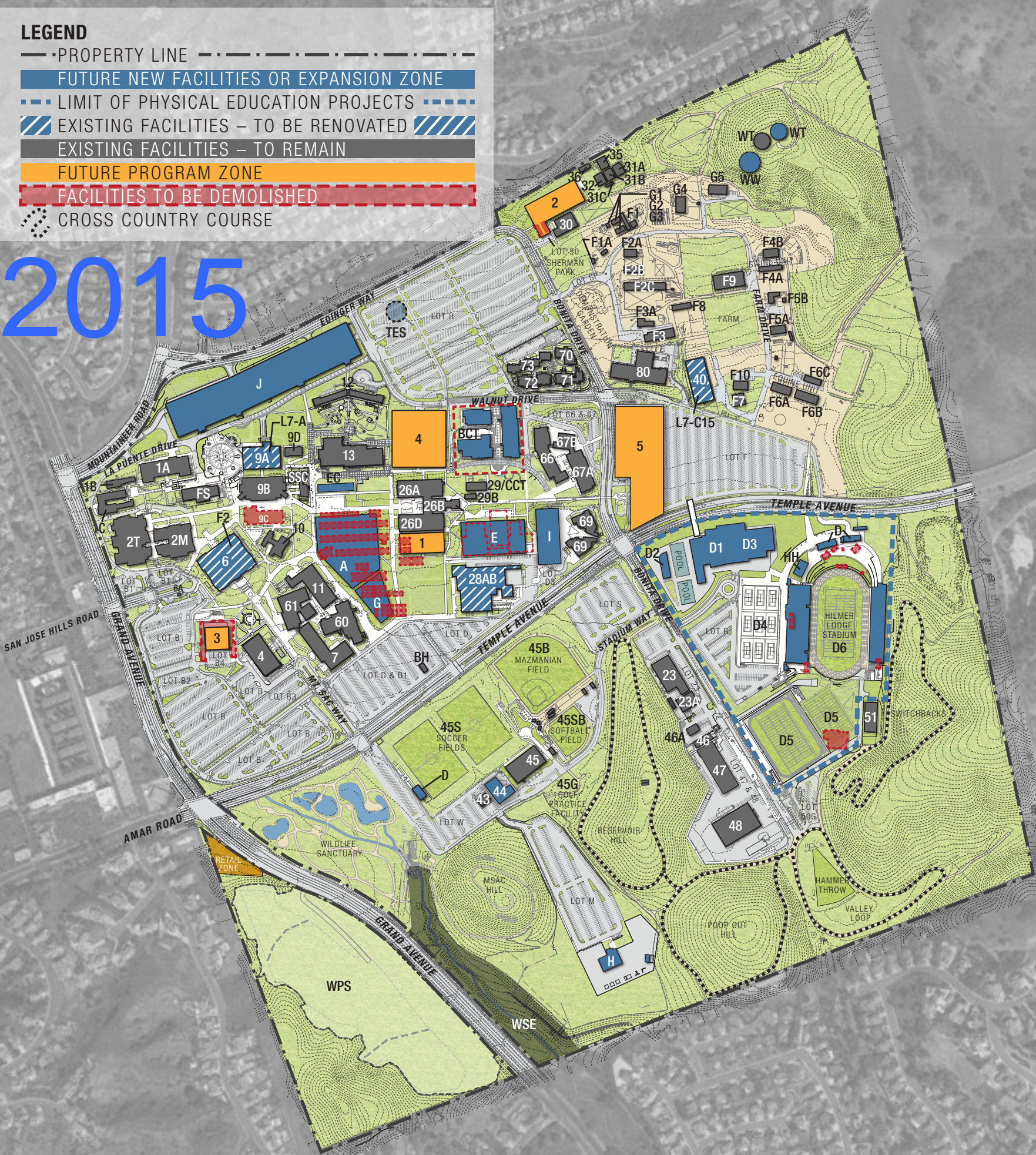
LEGEND

- PROPERTY LINE
- FUTURE NEW FACILITIES OR EXPANSION ZONE
- - - LIMIT OF PHYSICAL EDUCATION PROJECTS
- EXISTING FACILITIES – TO BE RENOVATED
- EXISTING FACILITIES – TO REMAIN
- FUTURE PROGRAM ZONE
- FACILITIES TO BE DEMOLISHED
- CROSS COUNTRY COURSE

MT. SAN ANTONIO COLLEGE LAND USE PLAN



2015



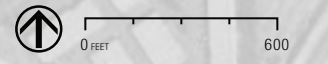
BUILDING KEY

ID No.	Building Name
1A	Art Center
1B/C	Art Center/Gallery
2	Performing Arts Center
3	Gymnasium (to be demolished)
4	Administration
6	Library / Learning Technology Center
6A	Information Kiosk
7	Science South
9A	Bookstore / The Center for Deaf and Hard of Hearing (DHH)
9B	Student Services Center
9C	Student Life Center (to be demolished)
9D	Student Services
10	Founders Hall
11	Science North
12	Building 12*
13	Design Technology
16A	Express Stop (to be demolished)
16B	Aces + Arise (to be demolished)
16C	Veterans Resource Center (VRC) (to be demolished)
16D	High Tech Center (HTC) (to be demolished)
17	Building 17* (to be demolished)
18	Building 18* (to be demolished)
18A	Modular Building 18A* (to be demolished)
18B	Modular Building 18B* (to be demolished)
18C	Technical Education Resource Center (TERC) (to be demolished)
18D	Instructional Modular (to be demolished)
19A	Building 19A* (to be demolished)
19B	Building 19B* (to be demolished)
19C	Mountie Grill (to be demolished)
20	Building 20* (to be demolished)
21A-21D	Modular Classroom Buildings* (to be demolished)
21E	Modular Toilet Room Building* (to be demolished)
21F-21J	Modular Classroom Buildings* (to be demolished)
23	College Services
23A	Data Center
26A	Humanities / Social Sciences North
26B	Humanities / Social Sciences East
26C	Planetarium
26D	Humanities / Social Sciences South
27A	Exercise Science / Wellness Center (to be demolished)
27B	Pool (to be demolished)
27C	Physical Education Center (to be demolished)
28A/B	Technology Center
29	Central Plant
29B	Central Plant Office
30	Adult Basic Education Center
31A/B	Continuing Education ESL*
31C	Continuing Education Toilet Room Building*
32	Continuing Education ESL*
35	Continuing Education ESL*
36	Continuing Education ESL*

BOND PROJECT KEY

ID No.	Building Name	ID No.	Bond Project Name
38A	Community Education Center* (to be demolished)	A	Library / Campus Center
38B	Community Education Center* (to be demolished)	D	Athletic Concessions & Restrooms
40	Building 40*	D1/D2/D3	Physical Education Complex (PEC)
43	Tilden Coil Constructors (TCC) / Vinewood Company	D4	Tennis Courts
44	Athletics Modular	D5	Practice Fields
45	Kinesiology / Athletics / Dance	D6	Stadium
46	Emergency Operations Center	E	Career & Technical Education Building Renovation & Expansion
46A	Document Storage Modular	F2	Classroom Building Renovation
47	Facilities Planning + Management (FP+M) and Maintenance + Operations (M+O)	G	Laboratory Building Expansion
48	Receiving / Transportation	H	Fire Training Academy
50F	Stadium Press Box (to be demolished)	I	Public Transit Center
50G	Physical Education Center Field House (to be demolished)	J	Parking Structure (2,300 spaces)
50H	Stadium Concessions (to be demolished)	L7-A	Building 9A Renovation
51	Athletic Storage Building	L7-C15	Building 40 Continuing Education Remodel
60	Science Laboratories	1	Future Instructional Building Zone (two-story, 35,000 sf)
61	Math and Science	2	Future Adult Education Zone
66	Language Center	3	Auditorium Zone (1,200 seats)
67A	Health Careers Center	4	Future Instructional Building Zone
67B	Health Careers Center	5	Future Instructional Building Zone
69	Welding, Heating / Air Conditioning	--	Retail Zone
70-73	Child Development Complex		
80	Agricultural Science		
104	Brackett Field (Off Campus)	BCT	Business & Computer Technology (BCT) (Bond ID B, G, L7-C3)
F1	Horticulture Unit	EC	Equity Center
F1A	Sherman Park Picnic Area / Restrooms	FS	Food Services Building (Bond ID L7-C2)
F2A	Farm Offices	HH	Heritage Hall
F2B	Horticulture Storage	SSC	Student Success Center (Bond ID L7-C8)
F2C	Irrigation + Landscape Construction		
F3	Equipment Barn		
F3A	Old Dairy Unit		
F4A	Swine Market Pens		
F4B	Swine Farrowing House		
F5A	Vivarium		
F5B	Small Animal Care Unit		
F6A	Equine Breeding Barn		
F6B	Equine Mare Motel		
F6C	Equine Hay Barn		
F7	Equipment Technology		
F8	Hay Barn		
F9	Livestock Pavilion		
F10	48th Agricultural District Office		
G1	Greenhouse		
G2	Greenhouse		
G3	Greenhouse		
G4	Greenhouse		
G5	Greenhouse		
BH	Block House		
CCT	Chiller Cooling Tower (CCT)		
J	North Parking Structure		
TES	Thermal Energy System (TES)		
WPS	West Parcel Solar Project		
WSE	Wildlife Sanctuary Expansion		
WT	Water Tower		
WW	Irrigation Water		

* No official building name exists



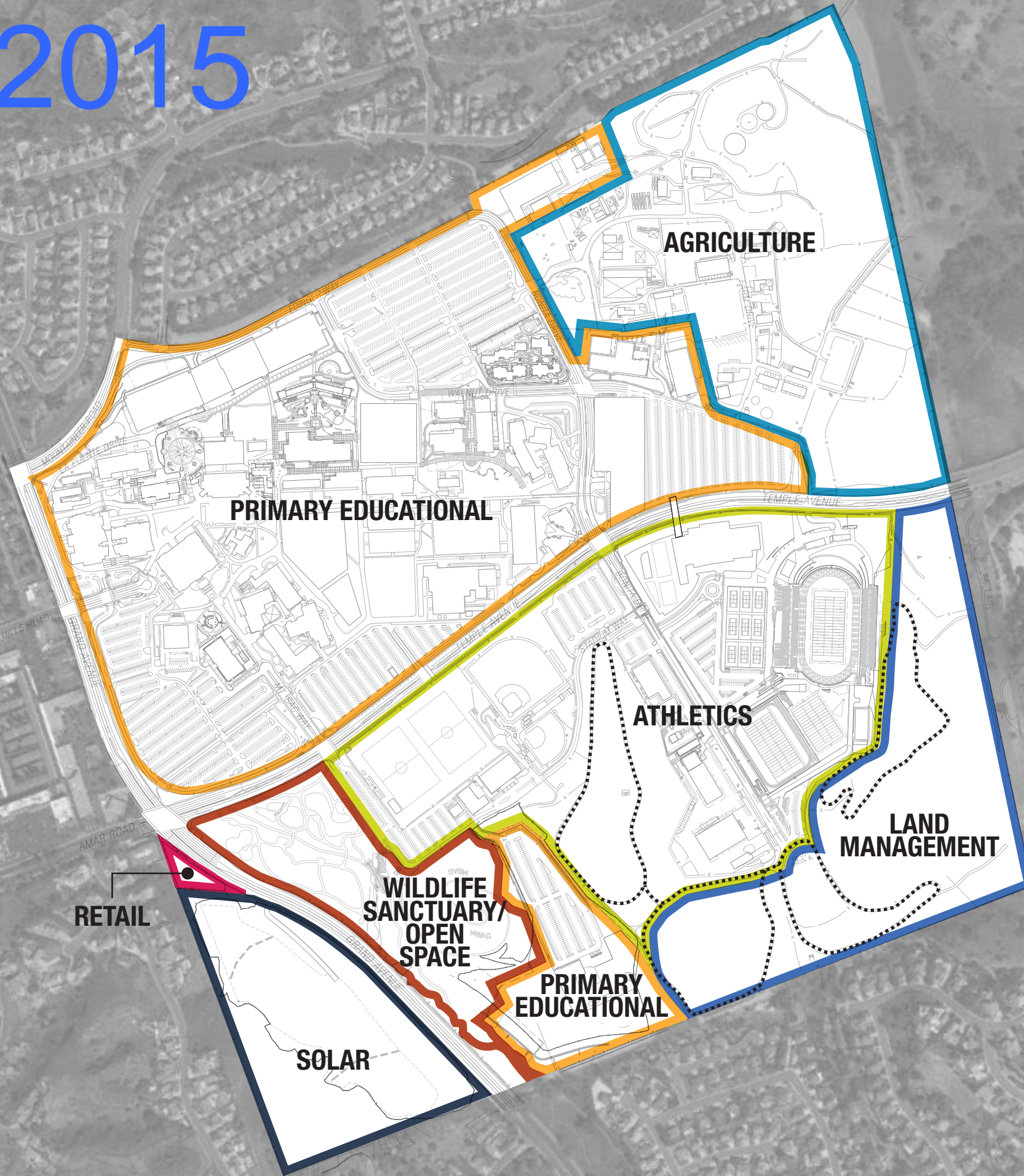
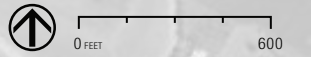
2015

MT. SAN ANTONIO COLLEGE CAMPUS ZONING



LEGEND

- AGRICULTURE
- ATHLETICS
- RETAIL
- PRIMARY EDUCATIONAL
- WILDLIFE SANCTUARY/OPEN SPACE
- LAND MANAGEMENT
- SOLAR
- CROSS COUNTRY COURSE



Mt. San Antonio College

1100 N. Grand Ave. Walnut, CA

Phone: (909) 274-7500 | Video Phone: (909) 895-6634 | Campus Police: (909) 274-4555 | Text-A-Tip: (909) 610-9139

Interactive Campus Map: www.mtsac.edu/maps

TODAY



Updated: 2016-08-30

EMERGENCY BLUE PHONE (909) 274-4555	STUDENT PARKING LOT	EMPLOYEE PARKING LOT	DAY USE PARKING LOT	DAY USE PERMIT DISPENSER	SHORT-TERM TIMED PARKING	METERED PARKING	INFORMATION KIOSK	PUBLIC TRANSIT STOP	ACCESSIBLE PARKING	ACCESSIBLE VAN SERVICE	SMOKING ZONE	SECURITY ESCORT Mon. - Thurs. 6:30 pm - 10:15 pm