

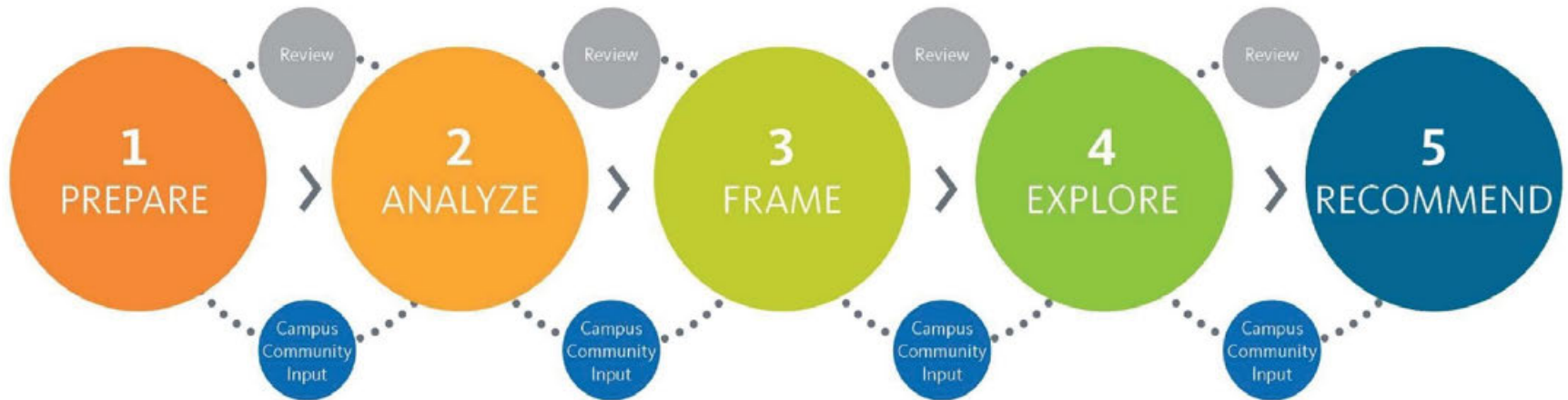
# MERCED COLLEGE

## 2019 FACILITIES MASTER PLAN

BOARD PRESENTATION : MAY 6, 2019



# PROCESS



- ✓ Organize
- ✓ Schedule
- ✓ Vision

- ✓ Collect
- ✓ Assess
- ✓ Document

- ✓ Link
- ✓ Forecast
- ✓ Quantify

- ✓ Develop
- ✓ Evaluate
- ✓ Strategize

- ✓ Share
- Document
- Approve







# PARTICIPATORY



# Vision Sessions

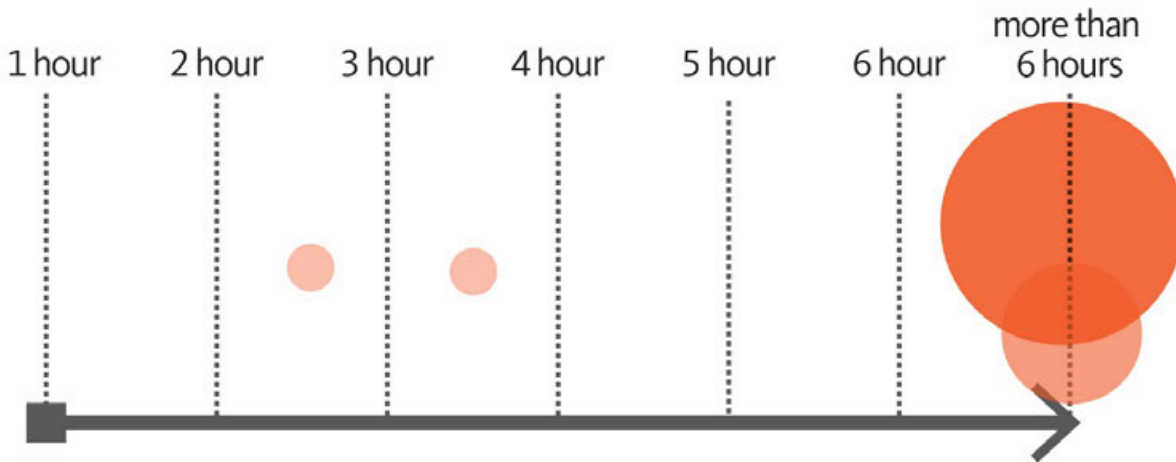


# TIME ON CAMPUS

## How often are you on campus?



## How long do you stay on campus?



# 100 IDEAS

No idea is too crazy! Grab a sticky notes to write as many ideas as you can think of.

Buildings need to have more levels; most of the buildings are hidden by the trees.

More areas to socialize inside, rather than in the heat/bad air.

Better wifi in classrooms in the VOC and ART buildings.

More areas with Wi-Fi

Debit/Credit Card Machines for Parking Tickets

YES I AGREE W/ DEBIT FOR PARKING

More parking Bigger student union

HVAC TO BE LESS LOUD

McDonalds

Put the Community back into the College

Continue To Make a difference

Three road areas for students to sit/ wait before classes

More Activities  
more seating areas  
better community involvement

Less Conservative Political Stands!!

More Spirit  
More space 4 ASMC  
More vending Machines

LINE FOR REGISTRATION AT A&R SHOULD NOT GO DOWN STAIRS NOT HANDICAP SPACES

More space for the ASMC (A work room)  
More space for an entrance location for the Food Pantry

PPING COMMUNITY BACK.  
TRADE TRAINING

Innovate Classroom design: less industrial, more "living room," create work spaces to encourage learning.

BETTER WIFI

Better free computer access for students to do work and to printup assignments

Parking Structure of Bigger student union.

Small Food Court BY Allied Health

Remove benches from next to back door of Admin Bldg - to a nicer spot for students

BETTER VEHICULAR CIRCULATION

HVAC in classroom need to be better controlled, particularly in VOC and IAC buildings

Move ASMC Food Pantry into Student Union Building

HVAC science Bldg/ vary poor

More activities on Campus

Starbucks on campus

- More areas for students to stay besides cafe/library  
- bigger space for Student-Body ASMC

- Having that winter break open every week  
- Scanners filled more often in machines

More Faculty parking and Food Vendors

More accessible & updated technology in classrooms.

Centralize Academic Support Services

More Places for food  
More Vending Machines with Sun food

Large multi-Purpose Room for events

UPDATE FURNITURE IN CLASSROOMS

More maintenance for the parking lots. Potholes and flooded areas send a bad signal.

Centralized Student Support Services

More Staff Parking @ CDC

More workspace & storage for Departments update buildings VOC & ART specifically

BETTER WIFI

collaborate more w/ UC Merced.  
Examples:  
- Co-sponsor events  
- Recruit PhD/Post Undergrads from UC

More Staff Parking

More Places to Exercise During Breaks - INSIDE

FOOD COURT WITH MULTIPLE

IT-Sized

MULT

More Staff Parking



# ANALYSIS



# COMMON THEMES

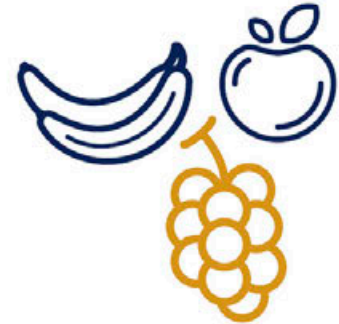
STUDENT +  
CAMPUS LIFE



STUDENT SUPPORT  
SERVICES



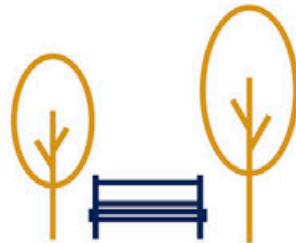
FOOD &  
HEALTH



CIRCULATION &  
PARKING



OPEN  
SPACE



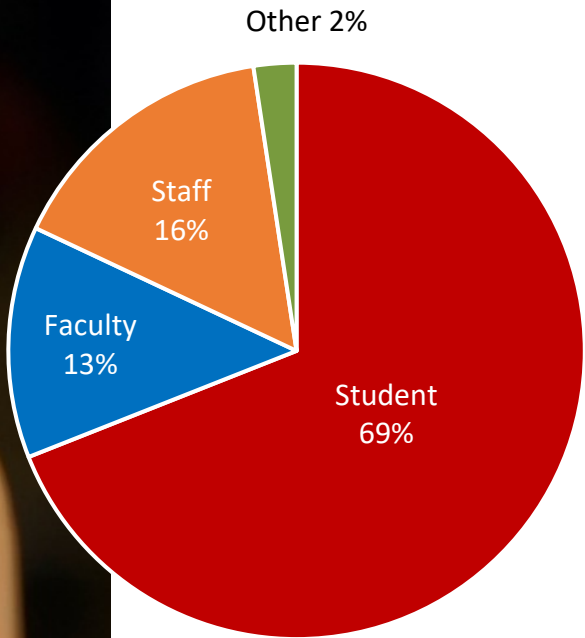
FACILITIES







**324**  
Completed  
Surveys



# On-Line Survey

# COMMUTING TO CAMPUS

How do you commute?

**81%**

Drive alone

**7%**

Take the bus

**5%**

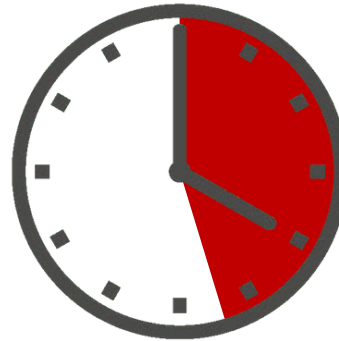
Carpool

**4%**

Are dropped off

How long is your commute?

Average Commute  
Time **Students**



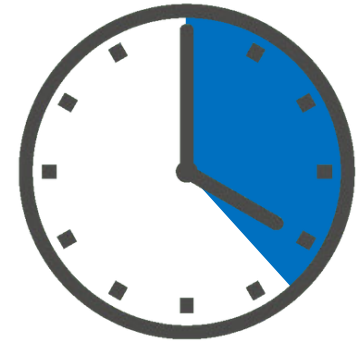
**27**

**Minutes**

**25% of students**  
self reported a  
commute time

**> 40 minutes**

Average Commute Time  
**Faculty & Staff**



**23**

**Minutes**

**18% of faculty and staff**  
self reported a  
commute time

**> 40 minutes**



# GREATEST OPPORTUNITY

*What is the greatest opportunity to improve your experience on campus?*

**“Update classrooms to be more modern and eco-friendly”**

**“To be involved in the process of facilities master planning”**

**“A Cafeteria on the Los Banos Campus”**

**“Improved athletic facilities and locker rooms”**

**“Larger classrooms to accommodate larger class sizes”**

**“More trees, planting, benches, and shaded areas”**

**“More parking”**



# Sustainability Workshop



# PRIORITIES



**DATA INFORMED**



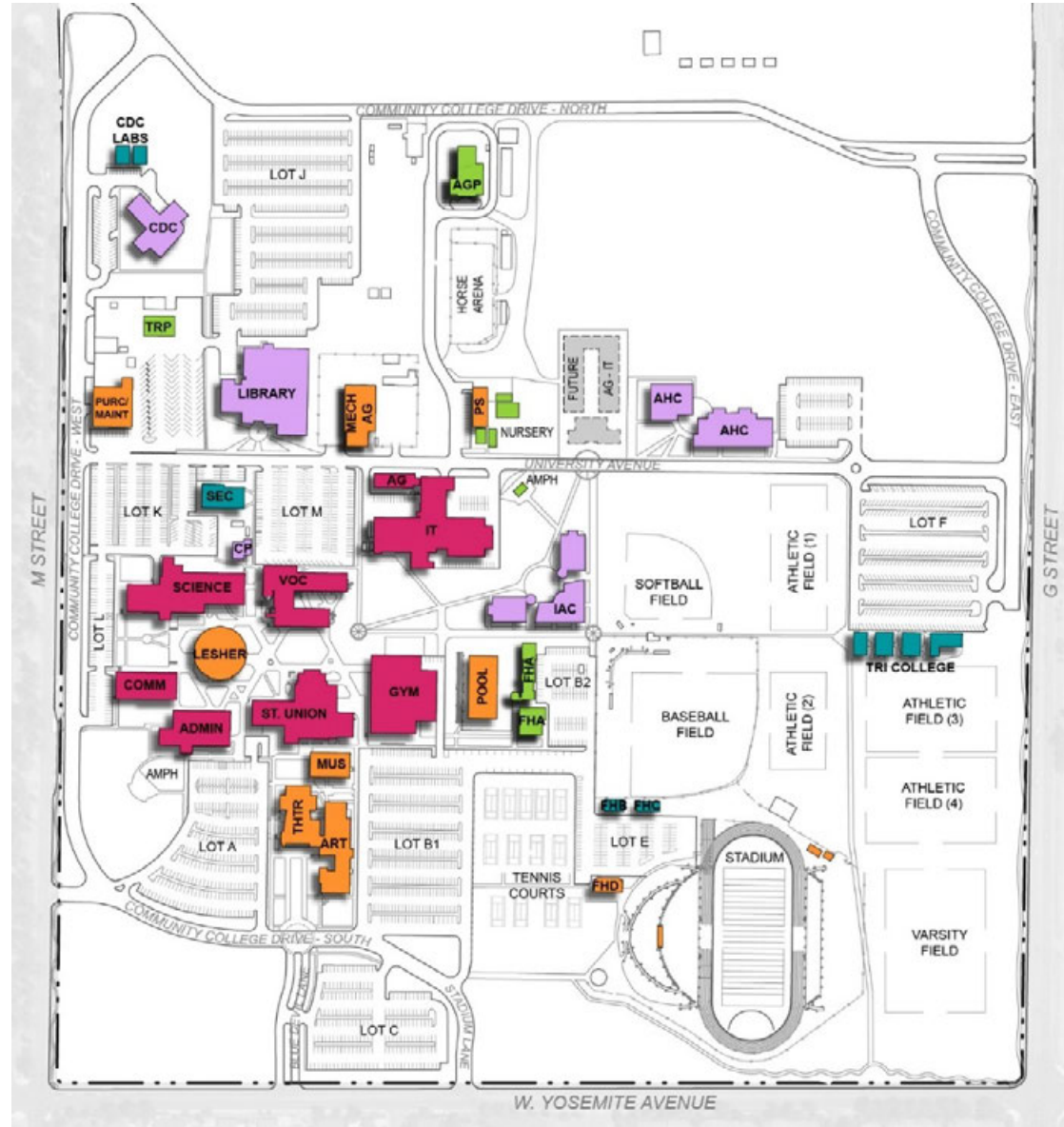
# DEVELOPMENT HISTORY

## LEGEND

- 1960's
- 1970's
- 1980's
- 1990's
- 2000's



Los Banos Campus



Merced Campus

# FACILITIES CONDITION INDEX

## LEGEND

- < 10%
- 10% - 50%
- 50% - 70%
- > 70%

FCI REPRESENTS PROJECTED REPAIR COSTS AS A PERCENT OF REPLACEMENT COST



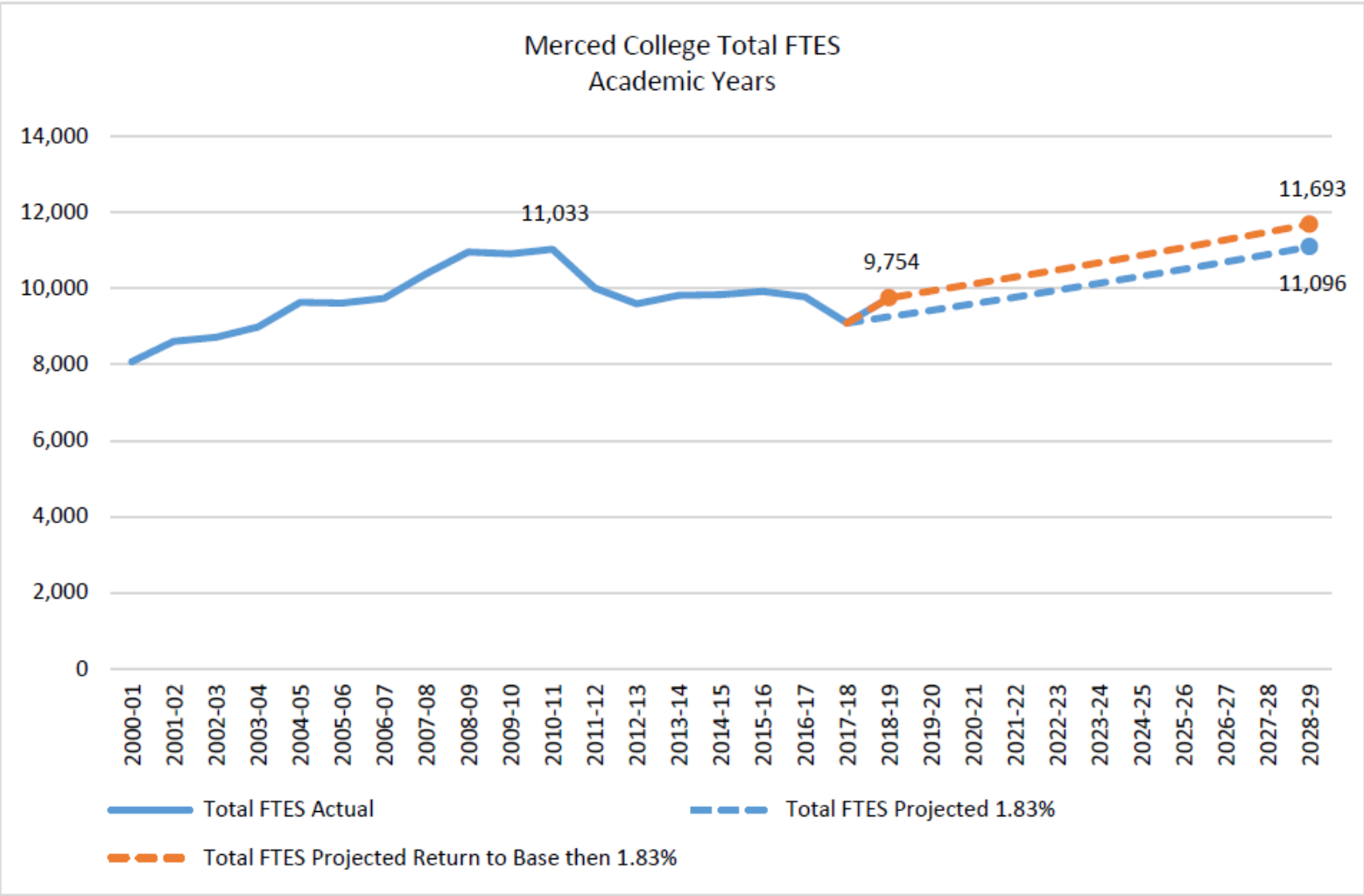
Los Banos Campus

Merced Campus



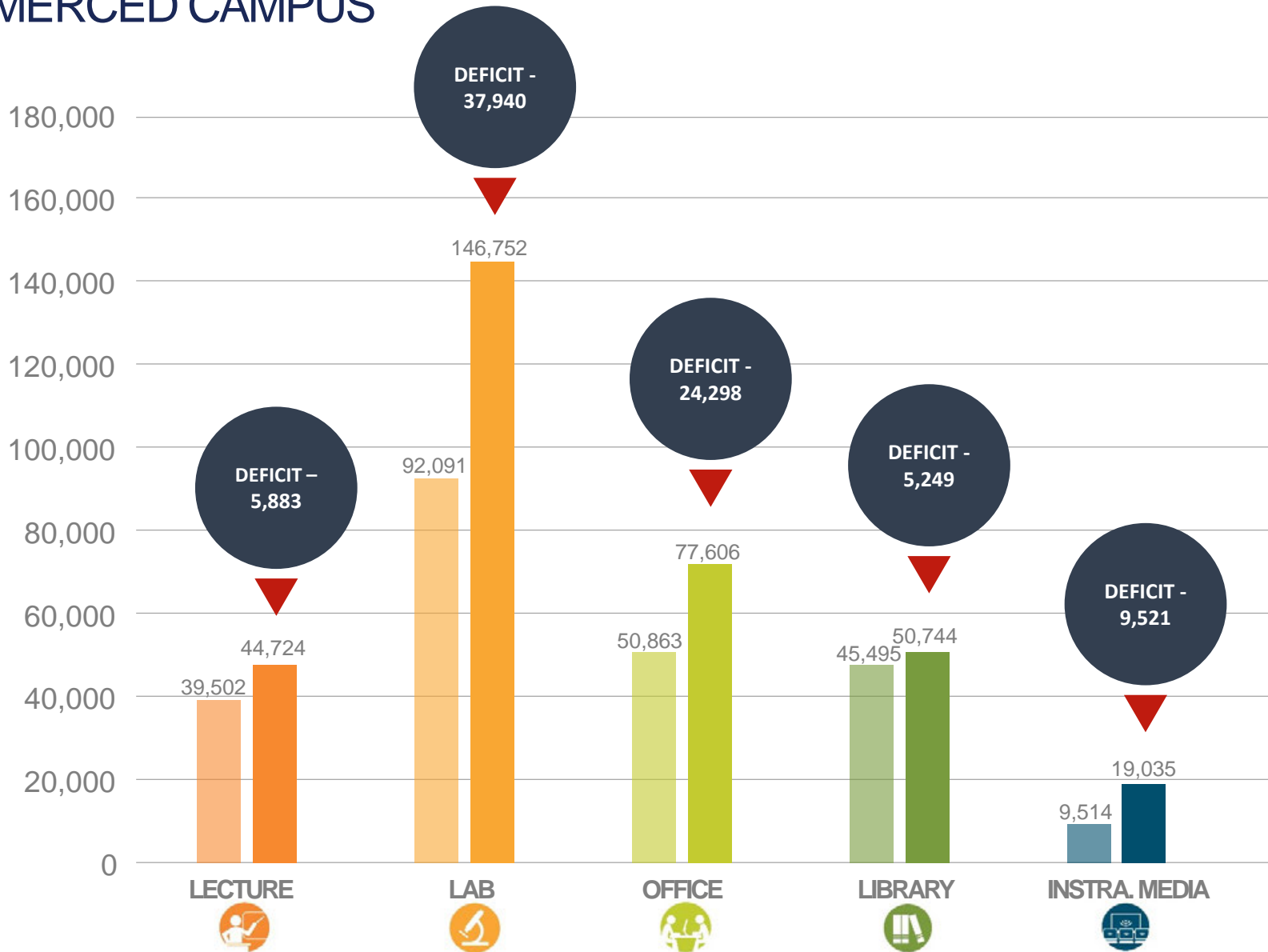
# ENROLLMENT FORECASTS

## Educational Master Plan



# FMP SPACE PROGRAM (2028)

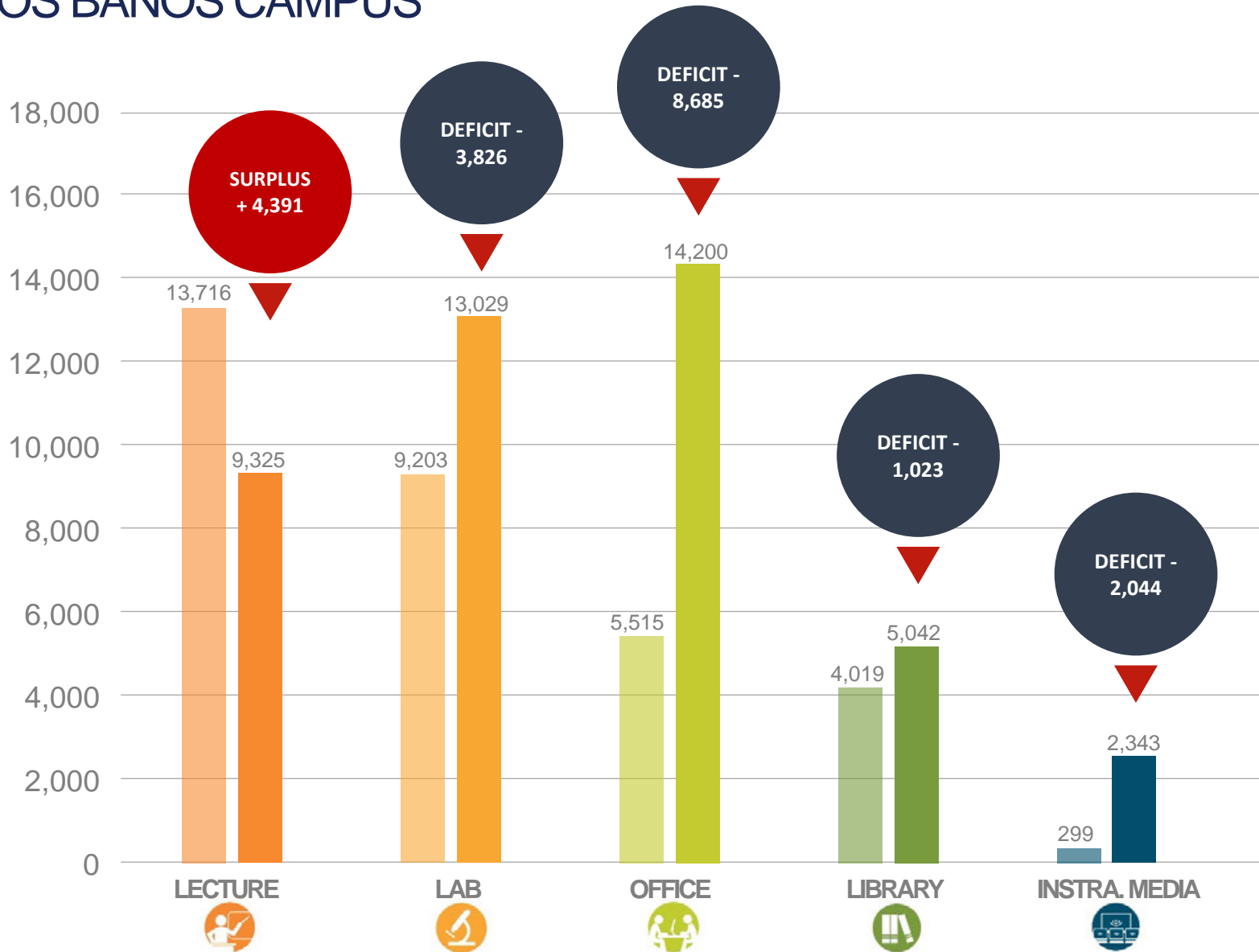
## MERCED CAMPUS





# FMP SPACE PROGRAM (2028)

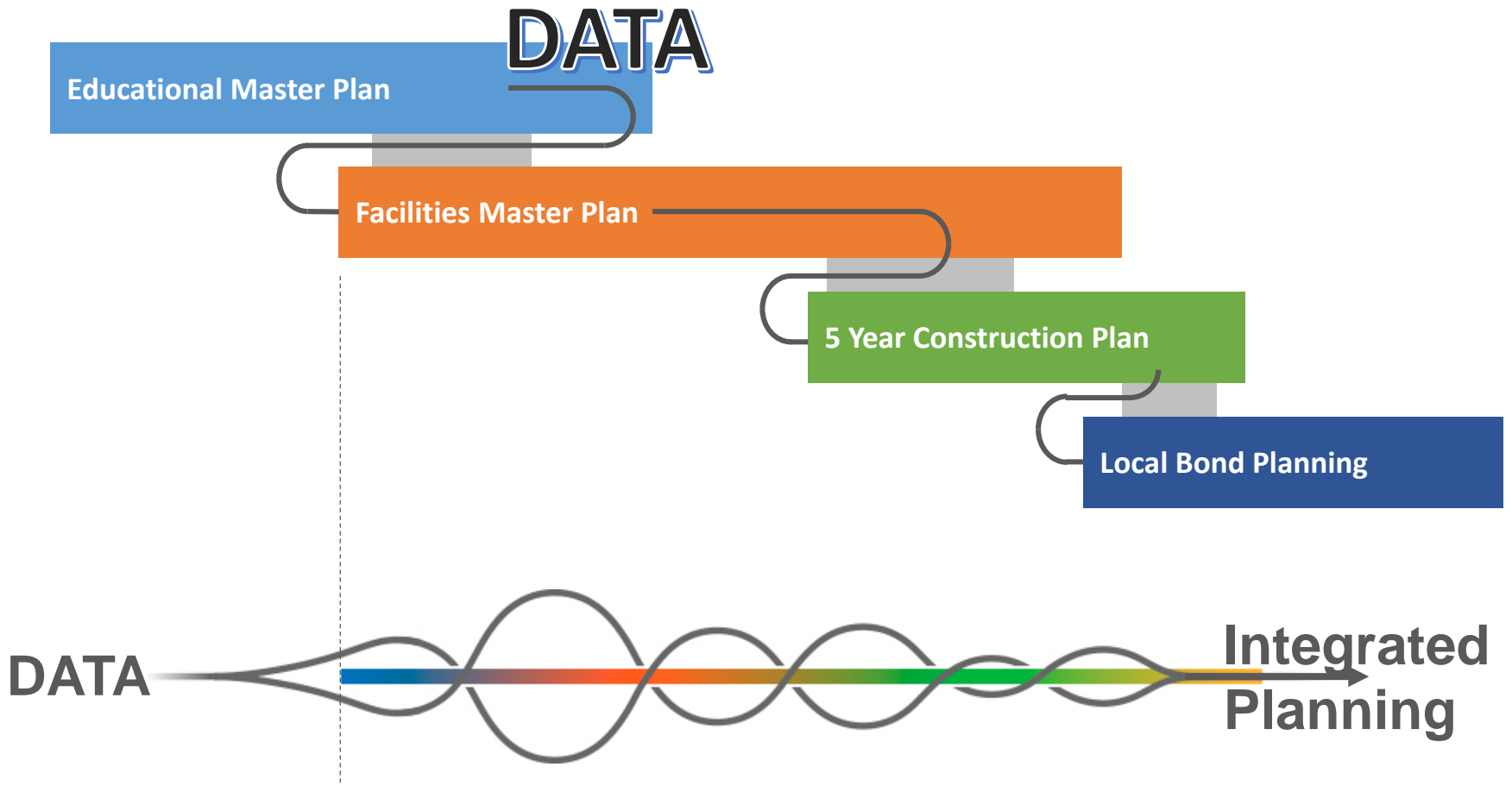
## LOS BANOS CAMPUS





# INTEGRATED

# INTEGRATED APPROACH





# EMP GOALS

1. Employ enrollment management strategies to **support student success, progression, and completion/transfer.**
2. Increase **student access** and streamline entry processes.
3. Maximize future **financial stability** via data-driven, long-range, integrated fiscal planning
4. Strengthen **campus safety** and **align facilities and technology planning** with educational master planning.
5. **Strengthen existing** and **create new partnerships** with educational institutions, employers, and government and community agencies to support EMP goals.
6. **Design streamlined, integrated technological and human systems** that work effectively towards desired outcomes.

# FACILITIES PLANNING PRINCIPLES



**Student  
Success**



**Access +  
Wayfinding**



**Collegiate  
Identity**



**Effective +  
Efficient**



**Stewardship  
of Resources**



**Community  
Engagement**

# FACILITIES PLANNING PRINCIPLES



## Student Success

- Improve access to student support services
- Integrate and consolidate functions and services
- Develop spaces to encourage collaboration and enhance student engagement
- Create a mixture of active and quiet spaces



## Access + Wayfinding

- Develop welcoming + inviting campus entries
- Improve campus organization to enhance wayfinding
- Create logical groupings of functions
- Improve physical connections (pedestrian, bike, vehicular, transit)
- Enhance campus safety + security



## Collegiate Identity

- Create a collegiate campus identity
- Enhance student and faculty engagement
- Develop indoor + outdoor spaces to support collaboration
- Create a sense of belonging + pride
- Improve campus edges + image within community



# FACILITIES PLANNING PRINCIPLES



## Effective + Efficient

- Align facilities to support college priorities
- Replace temporary, inefficient and underperforming facilities
- Right-size facilities to support program needs
- Develop flexible, multi-purpose space to adapt over time
- Position to maximize state funding opportunities



## Stewardship of Resources

- Optimize available resources
- Increase awareness and create a culture of sustainability
- Prioritize well-being, health and comfort in design
- Increase partnerships and collaborations
- Create a safe and comfortable campus environment



## Community Engagement

- Increase visibility of campuses
- Strengthen connections with surrounding communities
- Improve access to college events and performances
- Develop campus to enhance community engagement
- Enhance community partnerships



# RECOMMENDATIONS



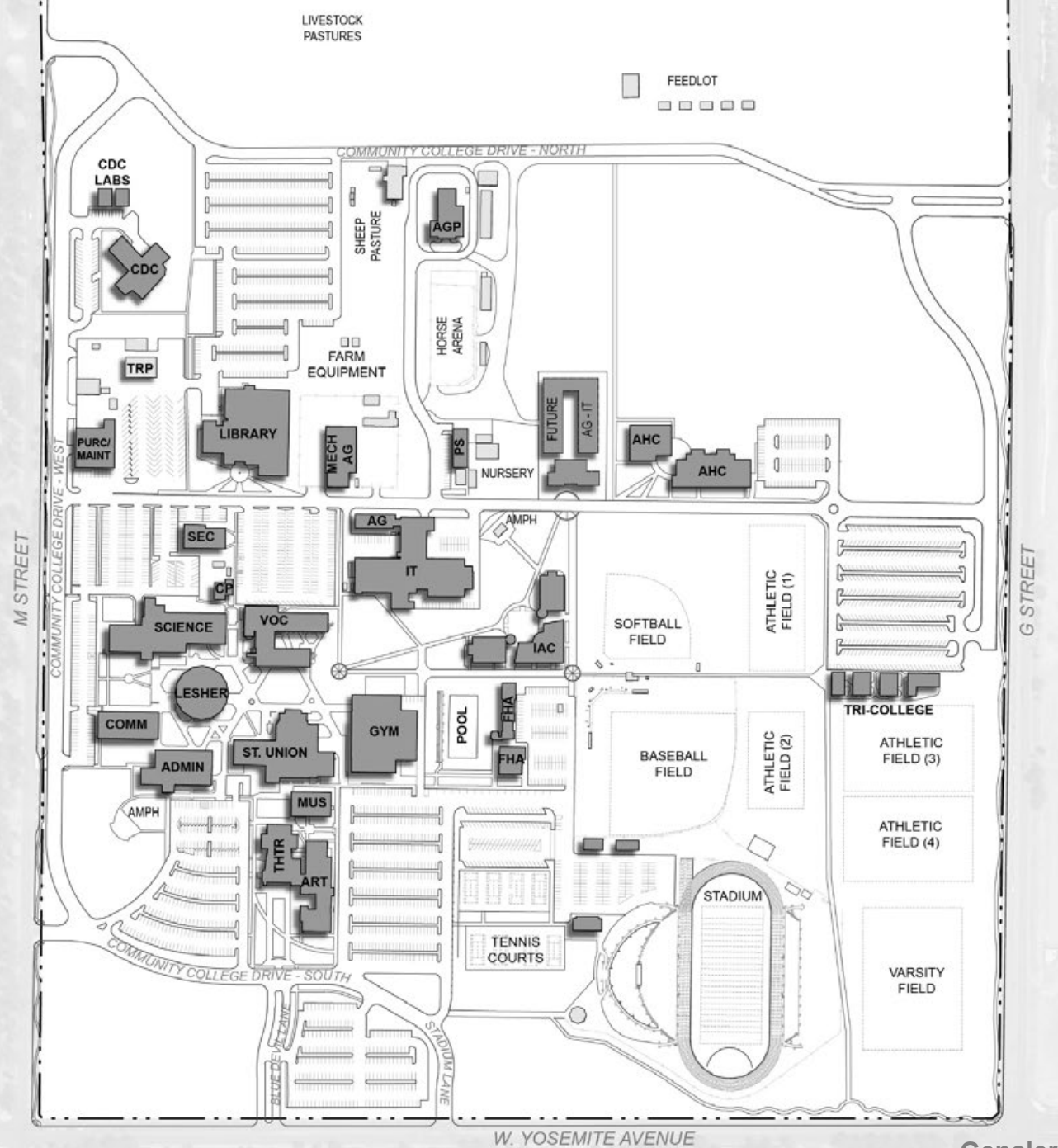
Merced Campus



# EXISTING CAMPUS

## LEGEND

Existing

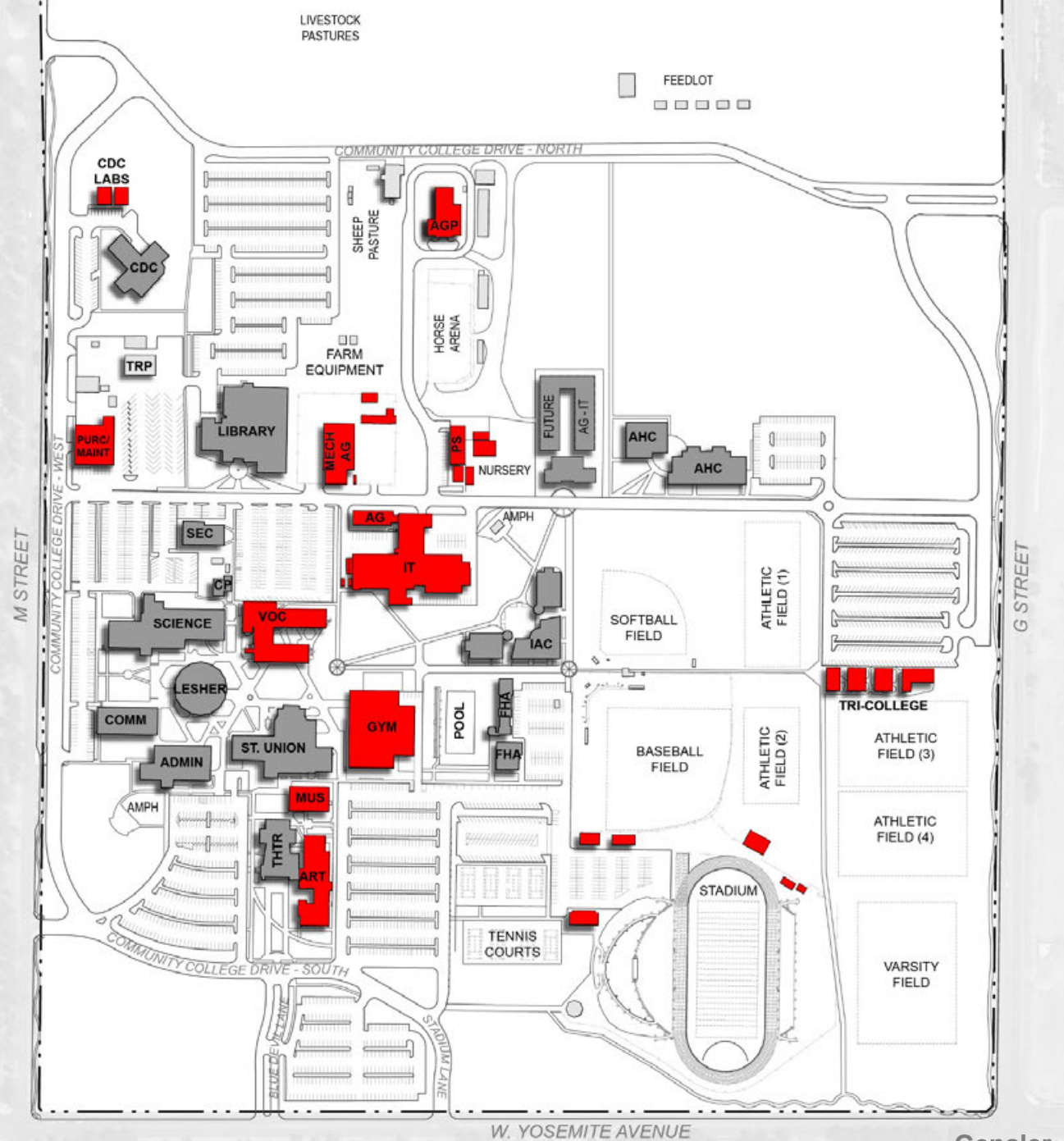


W. YOSEMITE AVENUE

# REMOVE

## LEGEND

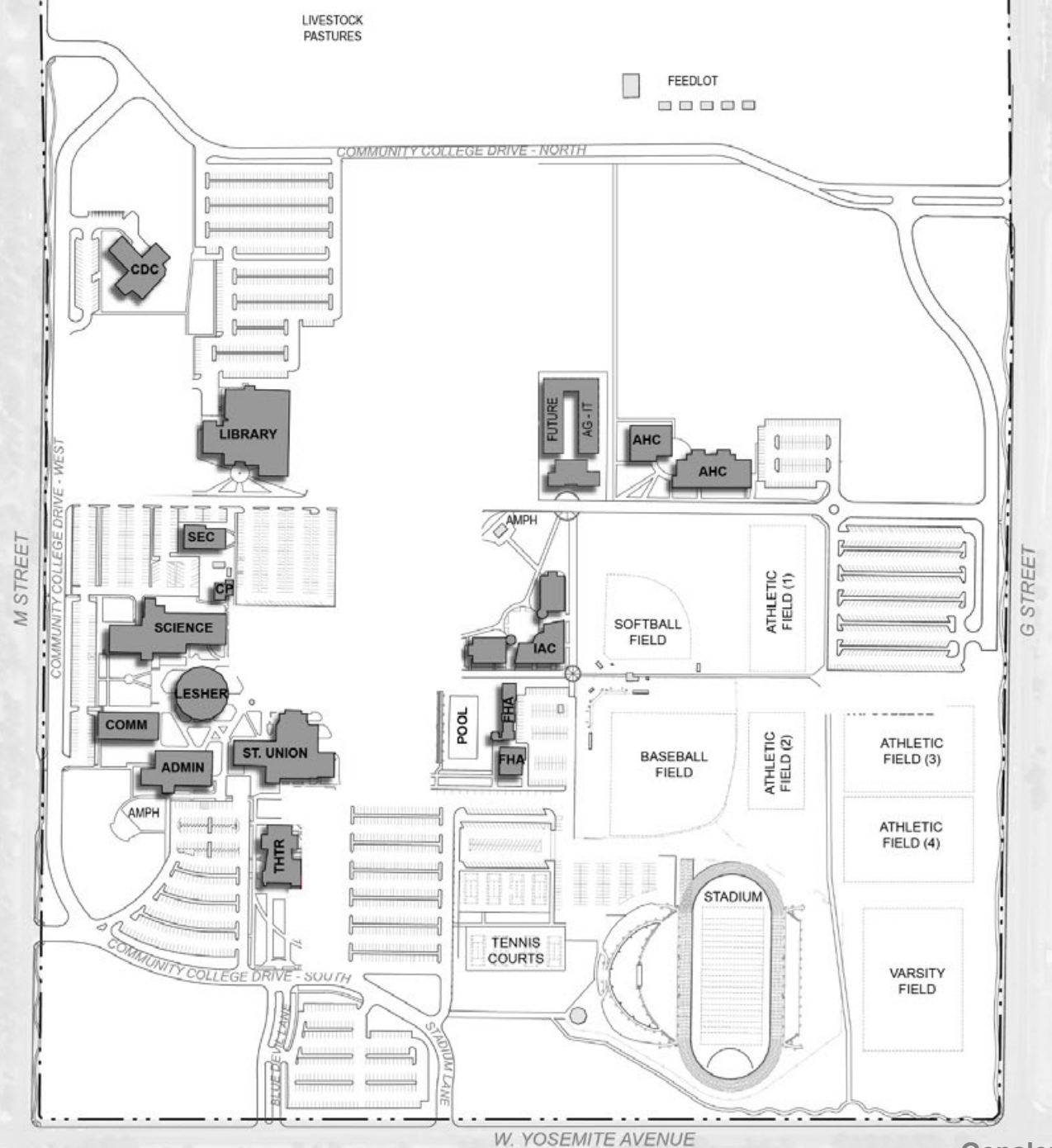
- Existing
- Remove



# CANVAS

## LEGEND

Existing





# FACILITIES

## LEGEND

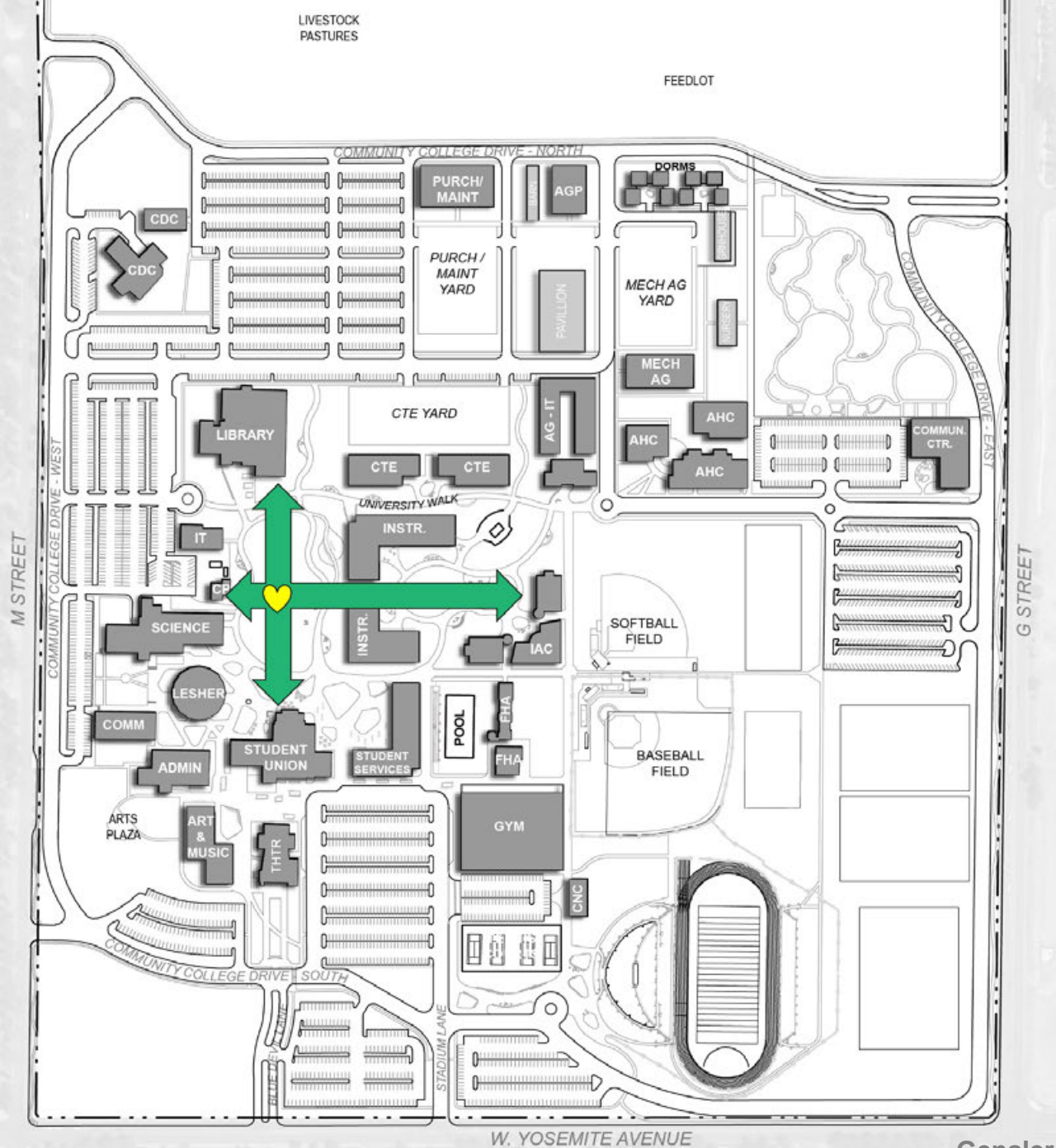
- Existing Building
- New Construction
- Change of Use
- Future (Beyond FMP)



# CONNECTIONS

## LEGEND

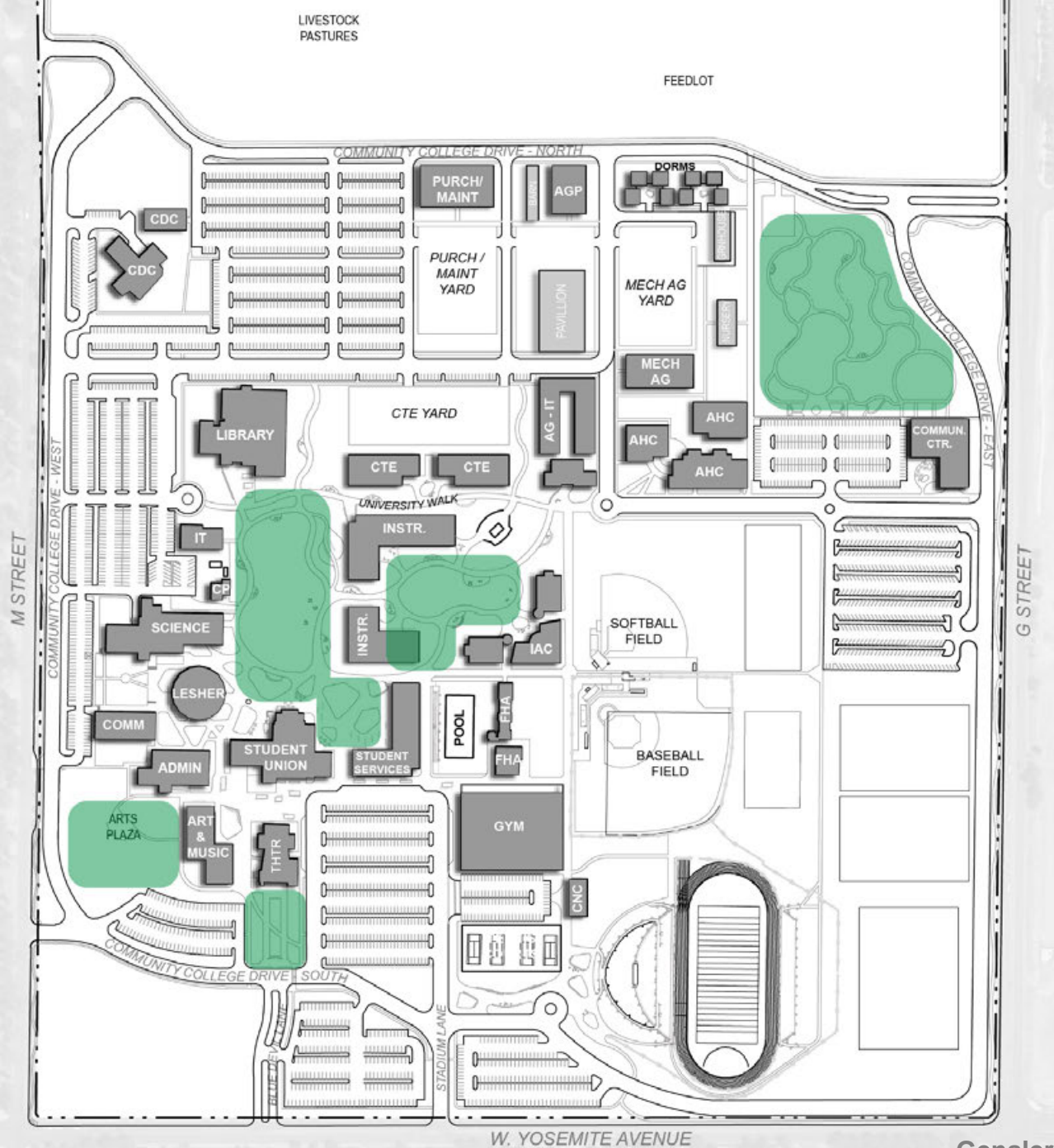
↔ Connection



# OPEN SPACE

## LEGEND

Open Space

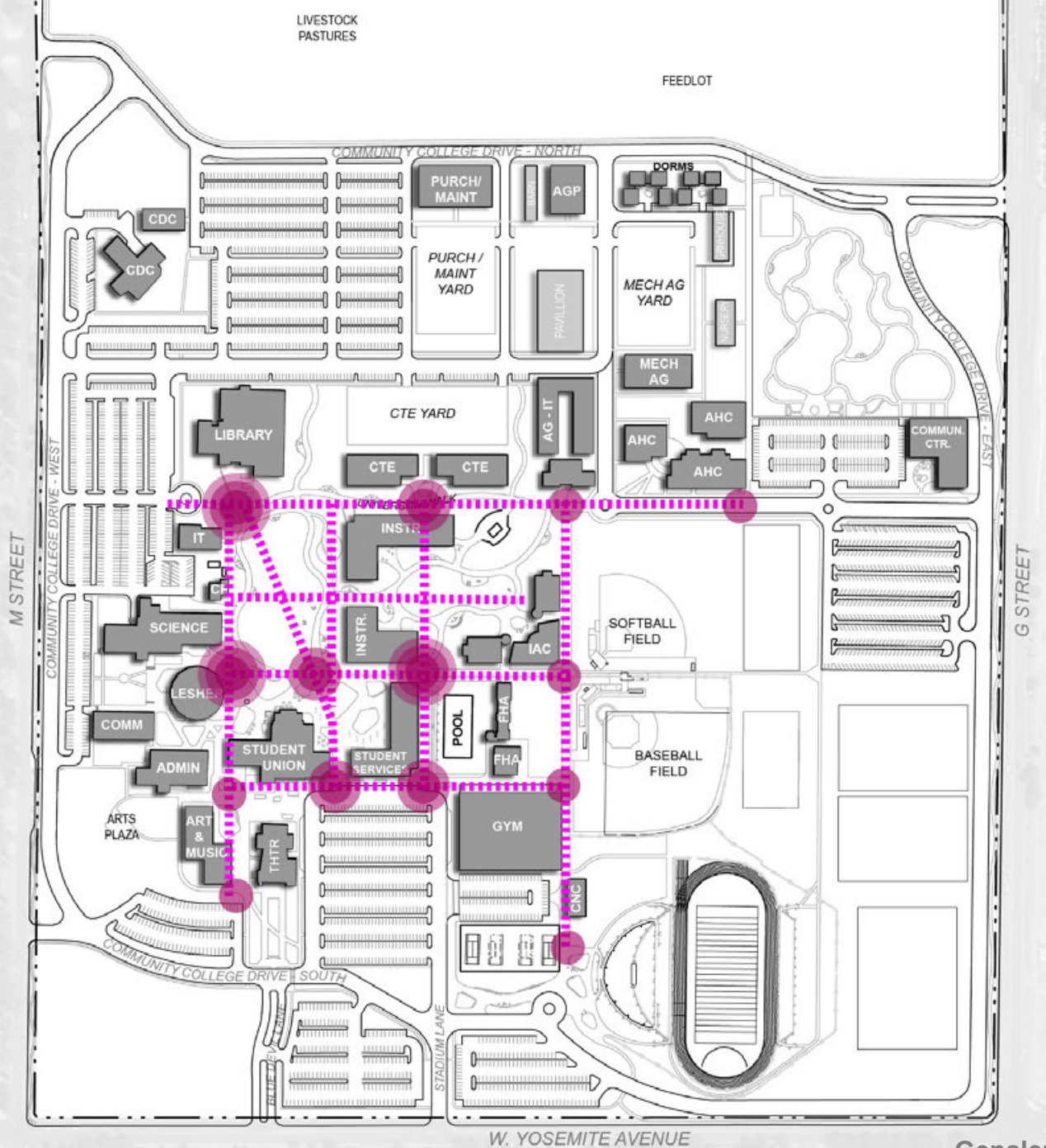




# PEDESTRIAN CIRCULATION

## LEGEND







-  Pedestrian Path
-  Pedestrian Hub



W. YOSEMITE AVENUE

# VEHICULAR CIRCULATION

## LEGEND

-  Existing Vehicular Path
-  Proposed Vehicular Path
-  Access Point
-  Drop Off Zone
-  Existing Parking
-  Proposed Parking

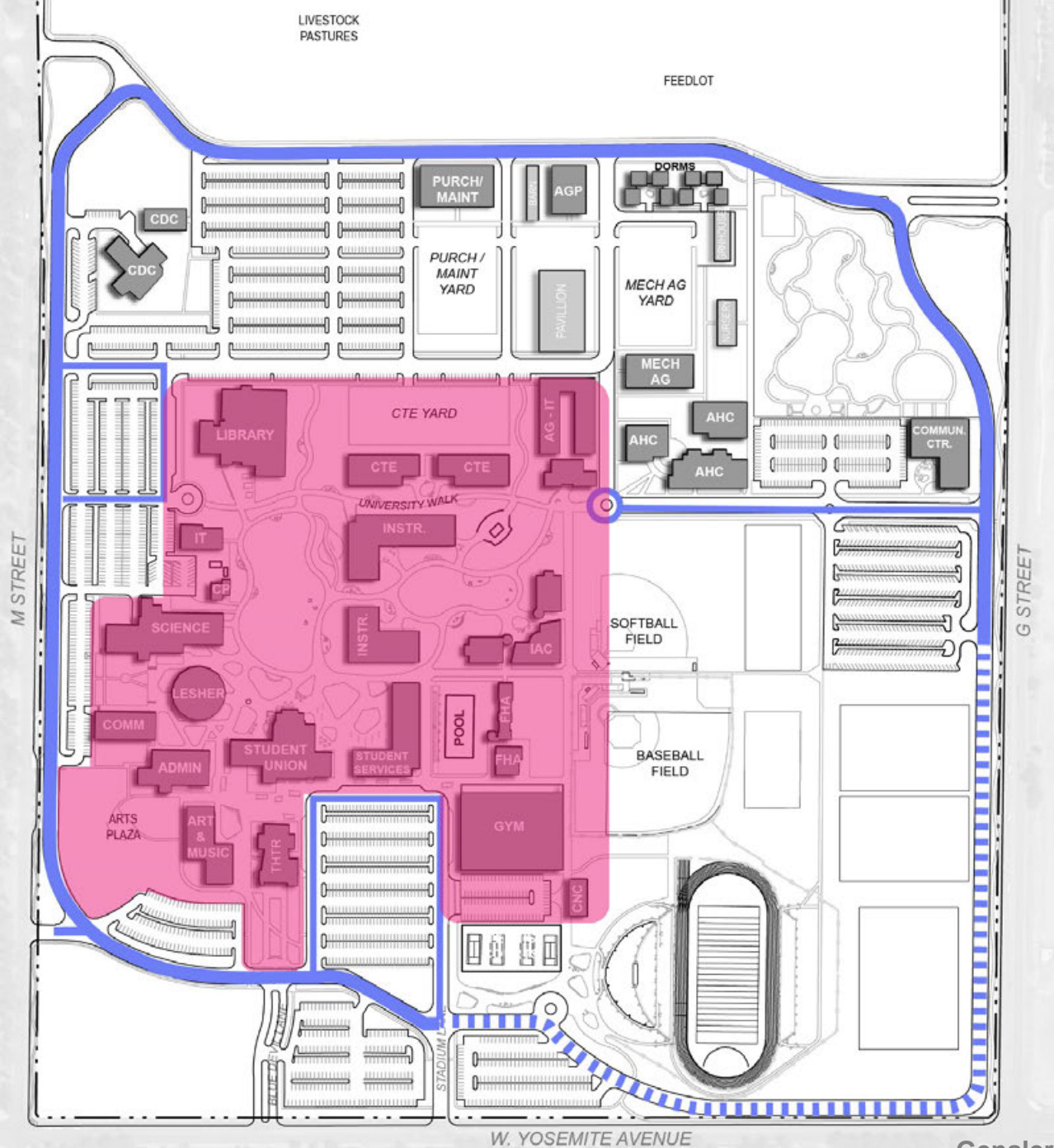




# CAR FREE ZONE

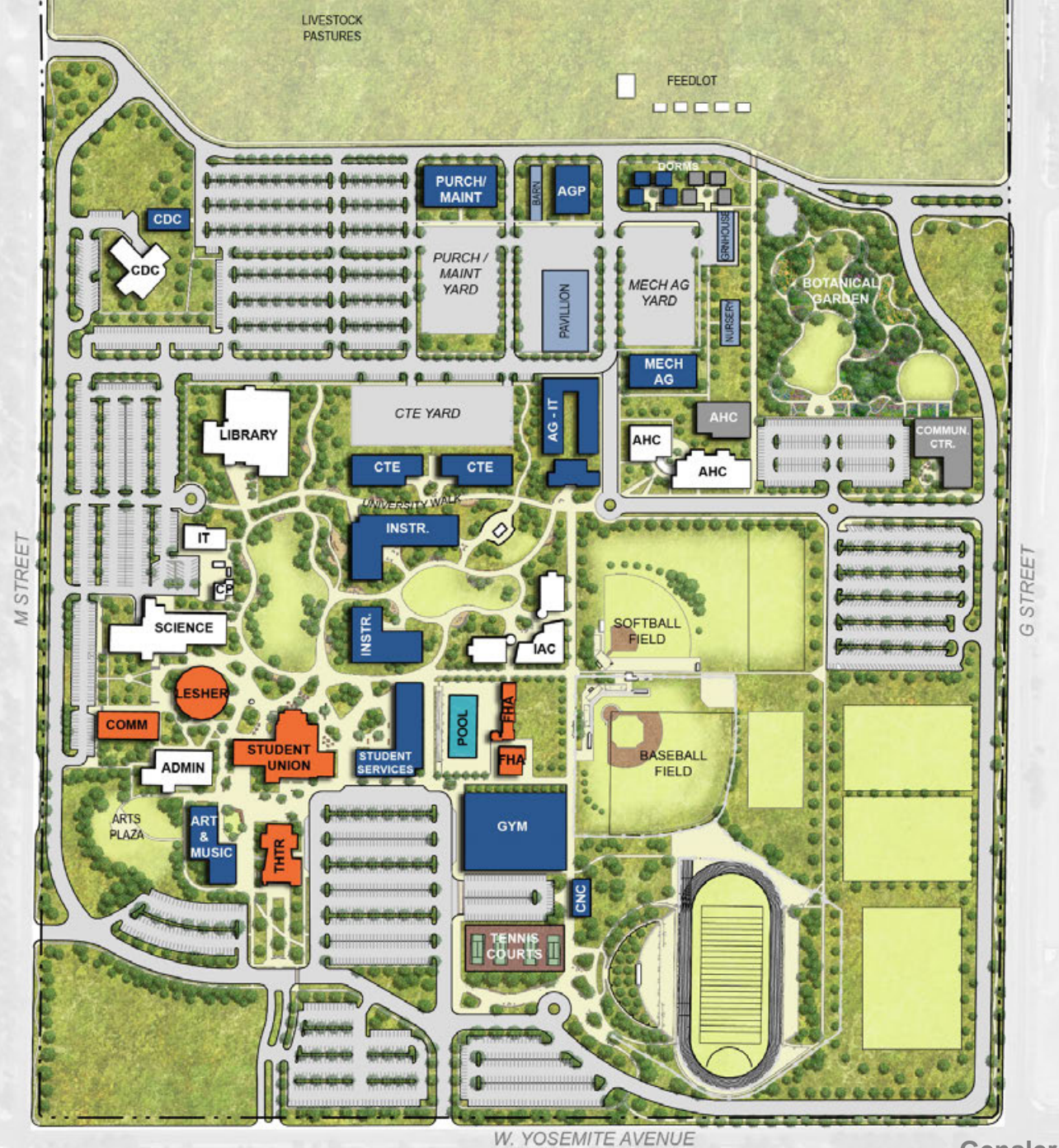
## LEGEND

- Existing Vehicular Path
- Proposed Vehicular Path
- Car Free Zone





# 2019 FACILITIES MASTER PLAN



## LEGEND

- Existing Building
- New Construction
- Change of Use
- Future (Beyond FMP)

# MERCED CAMPUS PROJECT MATRIX



SUCCESS



ACCESS



IDENTITY



EFFICIENCY



STEWARDSHIP



COMMUNITY

| NEW CONSTRUCTION             |   |   |   |   |   |   |
|------------------------------|---|---|---|---|---|---|
| Agriculture Technology       | ● | ● |   | ● |   |   |
| Animals Quarters             |   | ● | ● | ● | ● | ● |
| Animal Science               | ● | ● | ● | ● | ● | ● |
| Arts + Music                 | ● | ● | ● | ● |   | ● |
| Career Technical Education   | ● |   | ● | ● |   | ● |
| Career Technical Education   | ● |   | ● | ● |   | ● |
| Child Development Center     |   |   |   | ● |   | ● |
| Fire Station / Public Safety |   | ● | ● |   | ● | ● |
| Gymnasium                    |   | ● | ● | ● |   | ● |
| Instructional Building A     | ● | ● |   |   |   |   |
| Instructional Building B     | ● | ● |   |   |   |   |
| Mechanized Agriculture       | ● | ● |   | ● |   |   |
| Purchase and Maintenance     |   | ● |   | ● |   |   |
| Student Services             | ● | ● | ● | ● |   |   |
| RENOVATION/ CHANGE OF USE    |   |   |   |   |   |   |
| Communications               | ● |   |   | ● |   |   |
| Field House A                | ● |   |   | ● |   |   |
| Lesher                       | ● | ● | ● | ● |   |   |
| Student Union                | ● | ● | ● | ● |   |   |
| Theater                      |   | ● | ● |   | ● | ● |
| FUTURE (BEYOND FMP)          |   |   |   |   |   |   |
| Community Center             |   | ● | ● |   | ● | ● |
| Allied Health Center         | ● | ● |   |   |   |   |
| Dormitories                  | ● | ● | ● |   |   | ● |
| SITE PROJECTS                |   |   |   |   |   |   |
| Arts Plaza                   |   | ● | ● |   | ● | ● |
| Botanical Garden             | ● |   | ● |   | ● | ● |
| Campus Lawn                  | ● | ● | ● | ● |   | ● |
| Loop Road                    |   | ● |   | ● |   |   |
| Main Quad                    | ● | ● | ● | ● |   | ● |
| University Walk              |   | ● |   | ● |   |   |



# FRONT DOOR

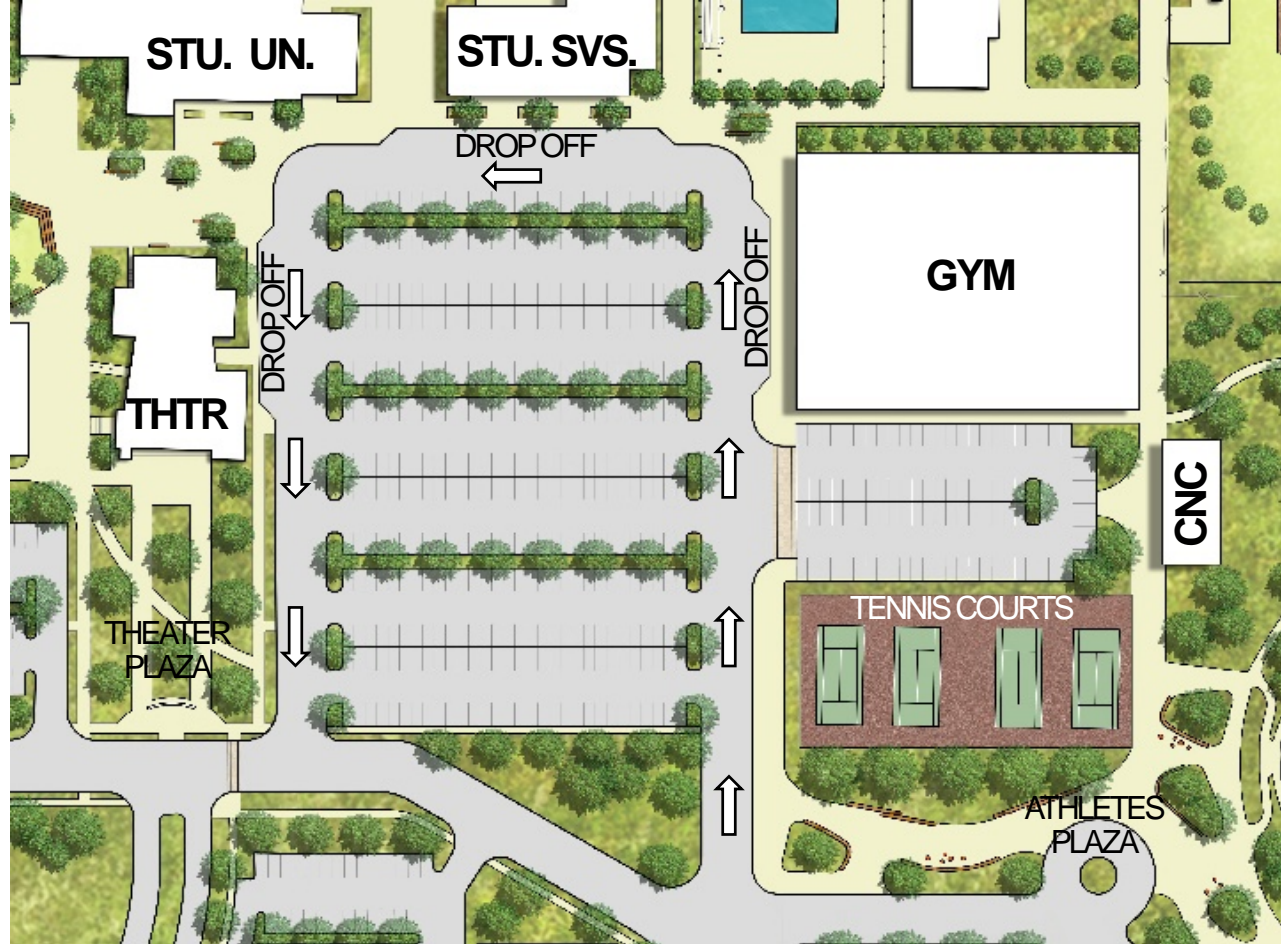
Welcoming + Inviting

Access to Services

Clear Wayfinding

Organized + Connected

Safe + Secure





# HEART OF CAMPUS

Improved Connections

Enhanced Engagement

Sense of Community

Active + Quiet Spaces

Collegiate Identity





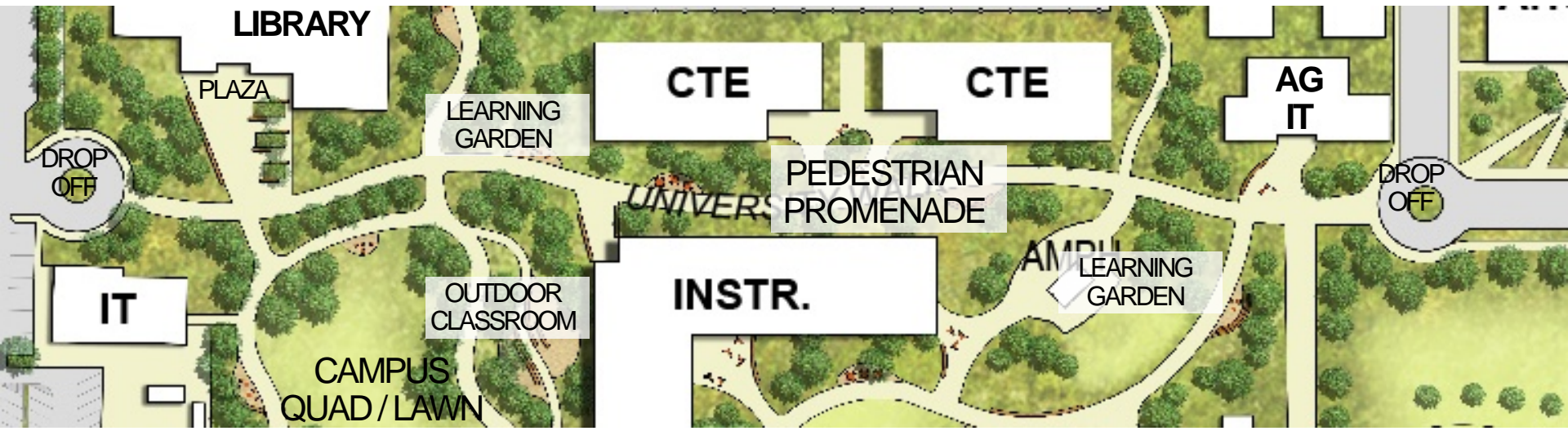
# UNIVERSITY WALK

Improved Connections

Safe + Secure

Showcases Learning

Encourages Collaboration





# ARTS PLAZA

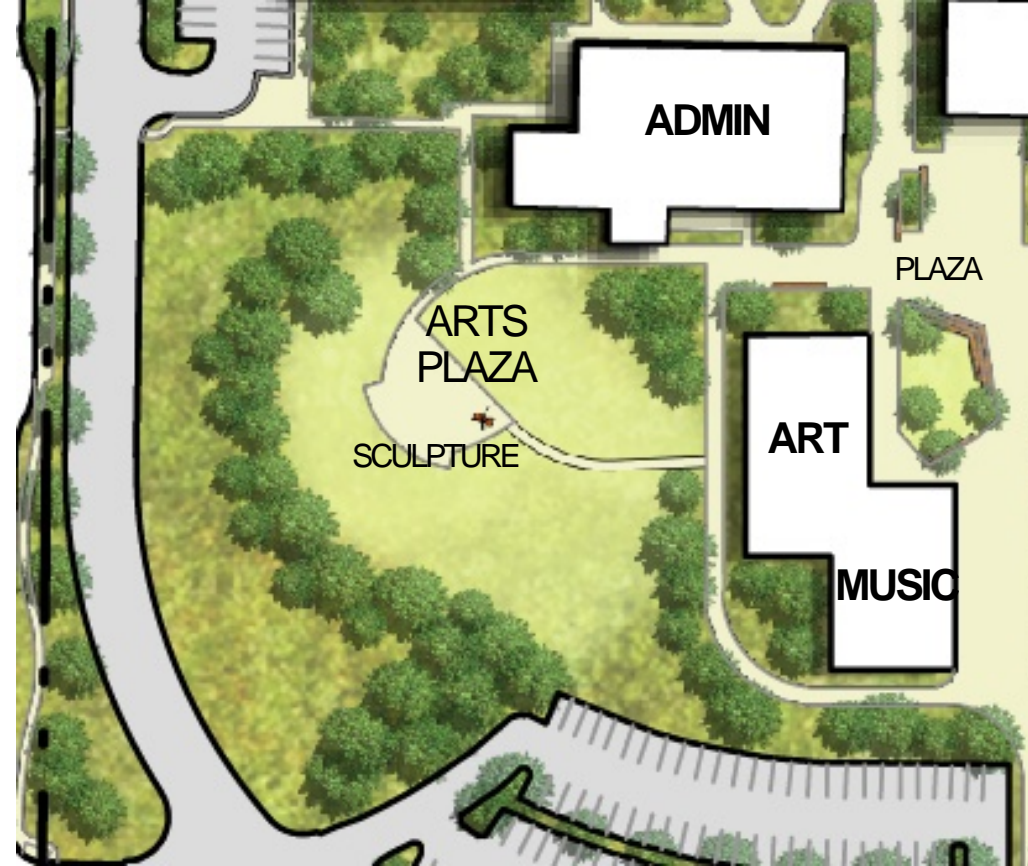
Showcase the Arts

Learning on Display

Preserve + Optimize Resources

Enhance Community Engagement

Improve Campus Identity





# BOTANICAL GARDEN

Flexible Learning + Event Space

Enhance Community Engagement

Increase Visibility of Campus

Maximize Resources

*6 Micro – Climates*  
*California Native Planting Eco-Regions*



# PUBLIC SAFETY

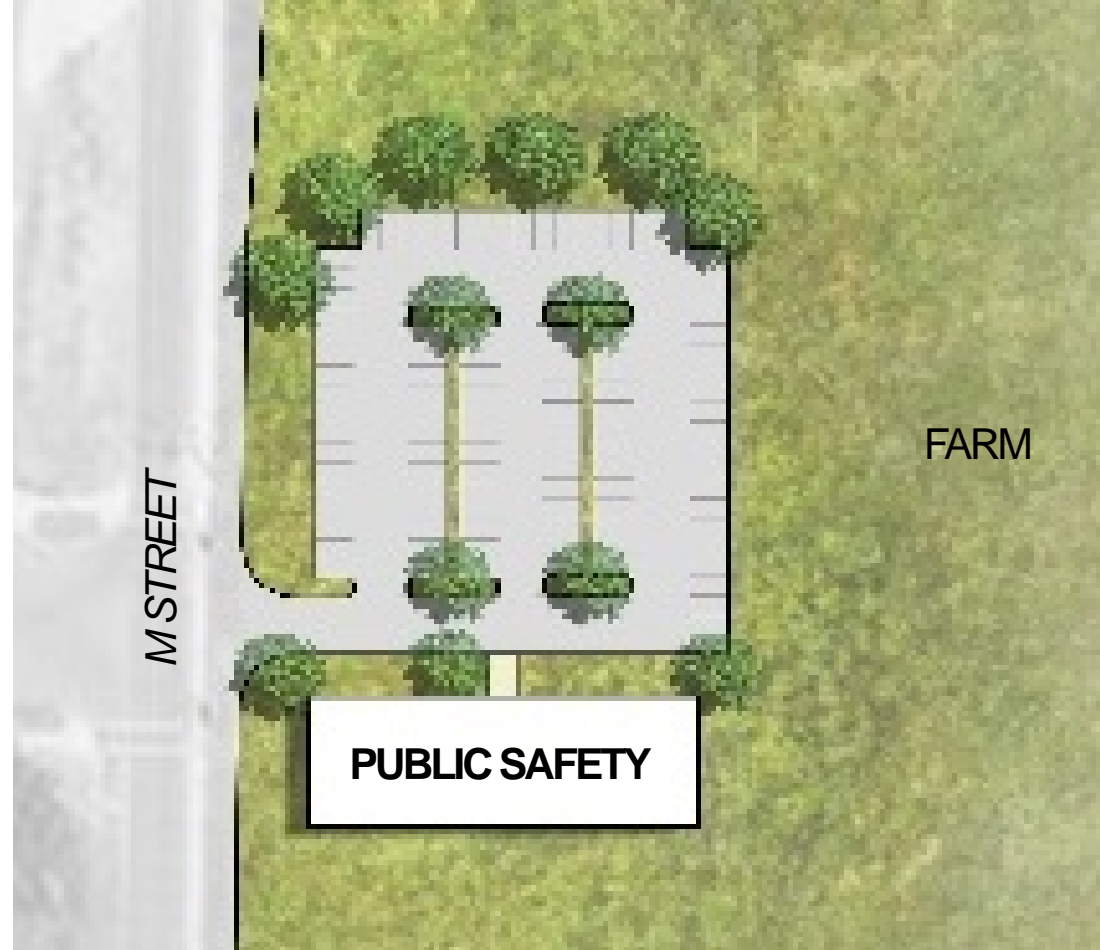
Promote Partnerships

Create Logical Groupings

- Public Safety
- EMT Training
- Fire Tower

Optimize Resources

Increase Visibility







CE D COLLEGE

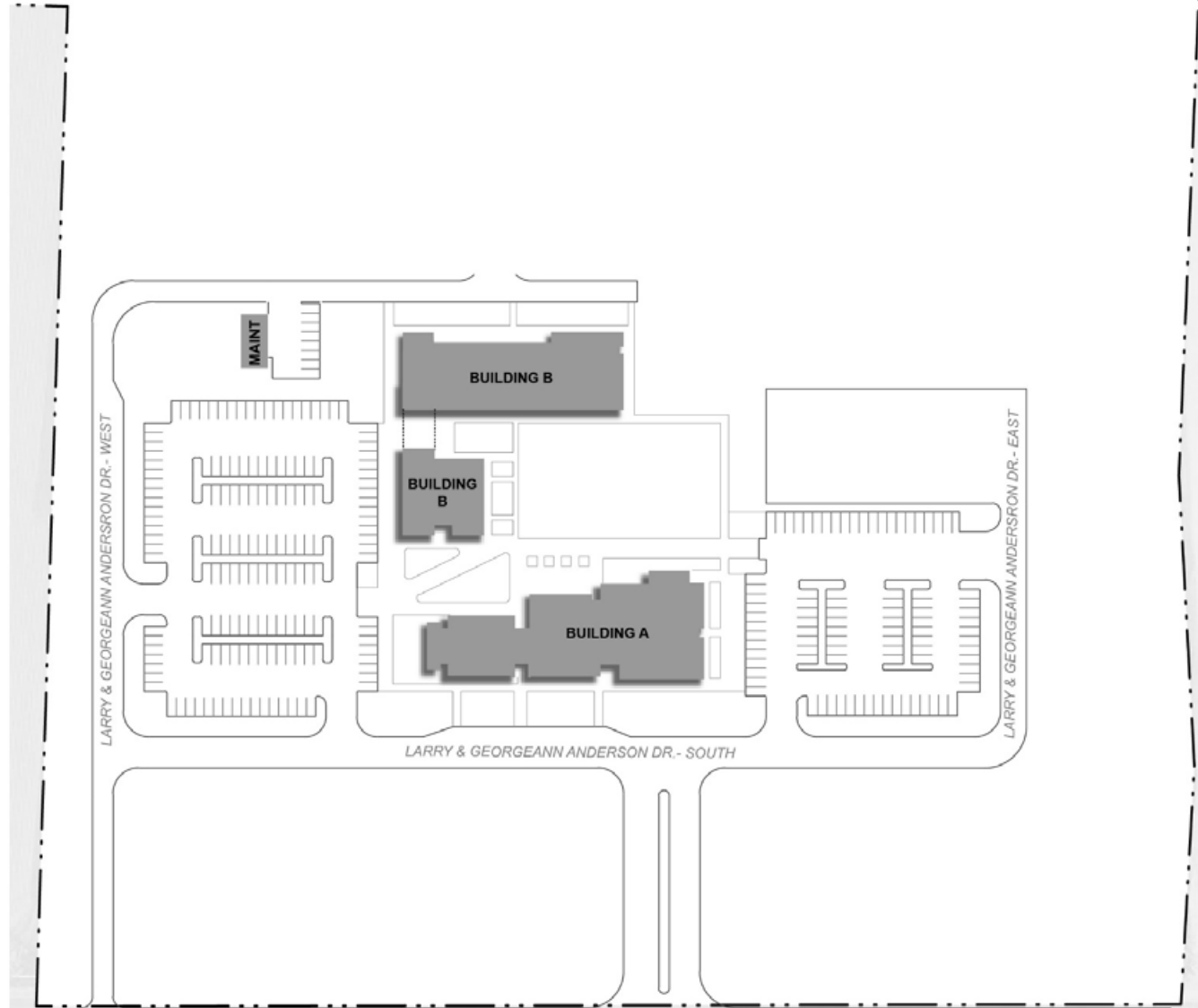
BY  
DING A

LOS BANOS CAMPUS

Los Banos Campus



# EXISTING CAMPUS



## LEGEND

Existing

CA - 152 E / CA - 33 S

# 2019 FACILITIES MASTER PLAN



## LEGEND

- Existing Building
- New Construction

CA - 152 E / CA - 33 S

# LOS BANOS CAMPUS PROJECT MATRIX



SUCCESS



ACCESS



IDENTITY



EFFICIENCY



STEWARDSHIP



COMMUNITY

## NEW CONSTRUCTION

|                            |   |   |   |   |  |   |
|----------------------------|---|---|---|---|--|---|
| Career Technical Education | ● |   | ● | ● |  |   |
| Child Development Center   | ● | ● |   |   |  | ● |

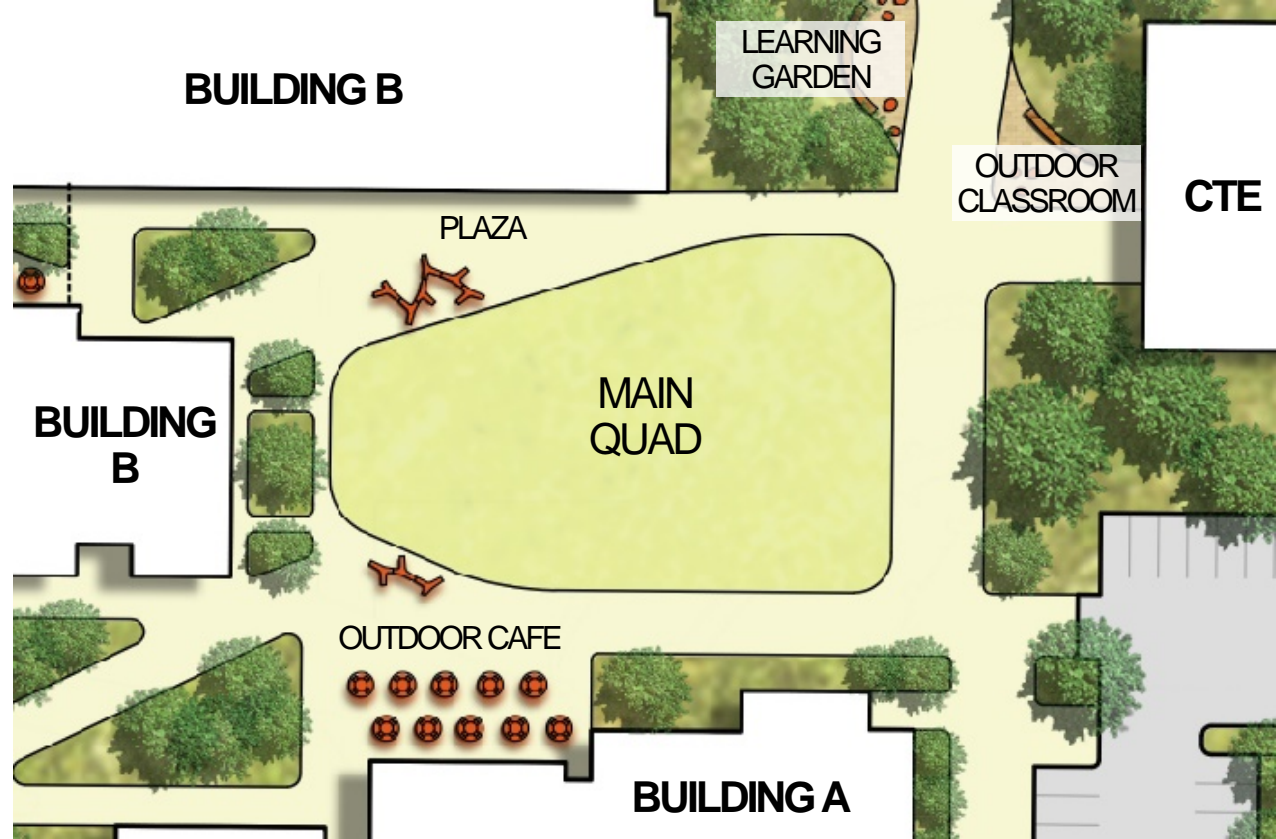
## SITE PROJECTS

|              |   |   |   |   |   |   |
|--------------|---|---|---|---|---|---|
| Campus Quad  | ● | ● | ● | ● | ● | ● |
| Food Forrest |   |   | ● |   | ● | ● |



# HEART OF CAMPUS

- Collegiate Identity
- Enhance Engagement
- Support Collaboration
- Active + Quiet Spaces
- Outdoor Learning



# CONNECTIONS

## LEGEND


↔ Connection





# OPEN SPACE

## LEGEND

 Open Space

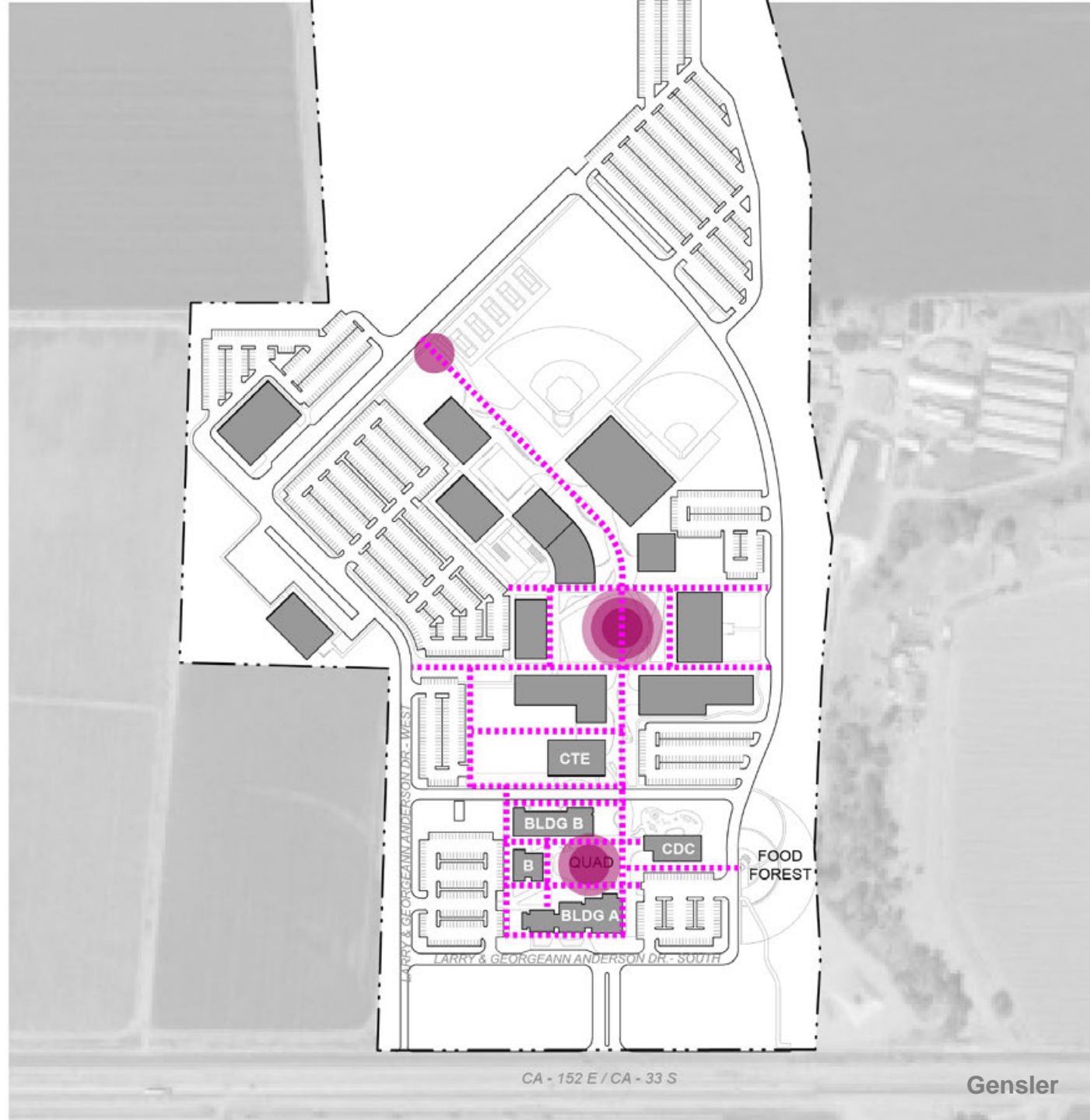




# PEDESTRIAN CIRCULATION

## LEGEND

- Pedestrian Path
- Pedestrian Hub



# VEHICULAR CIRCULATION

## LEGEND

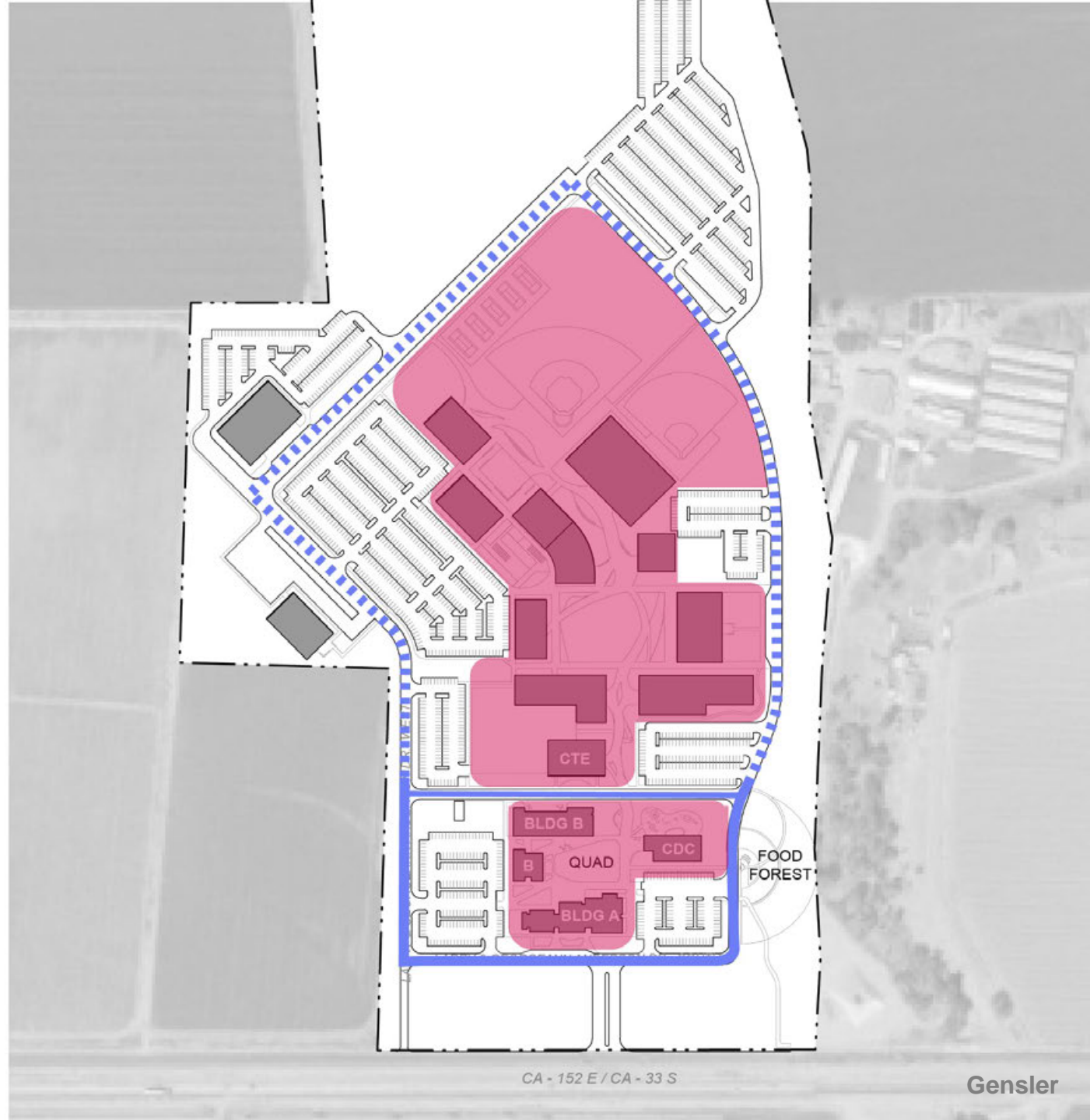
- Existing Vehicular Path
- Proposed Vehicular Path
- Access Point
- Drop Off Zone
- Existing Parking
- Proposed Parking



# CAR FREE ZONE

## LEGEND

- Existing Vehicular Path
- Proposed Vehicular Path
- Car Free Zone





# 2019 FACILITIES MASTER PLAN

## LEGEND

- Existing Building
- New Construction
- Future (Beyond FMP)



# NEXT STEPS

|                    | 2018 |    |    |    |     |   |    |    |     |   |    |    | 2019 |   |    |    |     |    |   |     |    |    |     |    |    |     |   |    |     |    |   |     |    |    |    |   |    |    |    |   |    |    |    |
|--------------------|------|----|----|----|-----|---|----|----|-----|---|----|----|------|---|----|----|-----|----|---|-----|----|----|-----|----|----|-----|---|----|-----|----|---|-----|----|----|----|---|----|----|----|---|----|----|----|
|                    | SEP  |    |    |    | OCT |   |    |    | NOV |   |    |    | DEC  |   |    |    | JAN |    |   | FEB |    |    | MAR |    |    | APR |   |    | MAY |    |   | JUN |    |    |    |   |    |    |    |   |    |    |    |
|                    | 3    | 10 | 17 | 24 | 1   | 8 | 15 | 22 | 29  | 5 | 12 | 19 | 26   | 3 | 10 | 17 | 24  | 31 | 7 | 14  | 21 | 28 | 4   | 11 | 18 | 25  | 4 | 11 | 18  | 25 | 1 | 8   | 15 | 22 | 29 | 6 | 13 | 20 | 27 | 3 | 10 | 17 | 24 |
| <b>1 PREPARE</b>   |      |    |    |    |     |   |    |    |     |   |    |    |      |   |    |    |     |    |   |     |    |    |     |    |    |     |   |    |     |    |   |     |    |    |    |   |    |    |    |   |    |    |    |
| <b>2 ANALYZE</b>   |      |    |    |    |     |   |    |    |     |   |    |    |      |   |    |    |     |    |   |     |    |    |     |    |    |     |   |    |     |    |   |     |    |    |    |   |    |    |    |   |    |    |    |
| <b>3 FRAME</b>     |      |    |    |    |     |   |    |    |     |   |    |    |      |   |    |    |     |    |   |     |    |    |     |    |    |     |   |    |     |    |   |     |    |    |    |   |    |    |    |   |    |    |    |
| <b>4 EXPLORE</b>   |      |    |    |    |     |   |    |    |     |   |    |    |      |   |    |    |     |    |   |     |    |    |     |    |    |     |   |    |     |    |   |     |    |    |    |   |    |    |    |   |    |    |    |
| <b>5 RECOMMEND</b> |      |    |    |    |     |   |    |    |     |   |    |    |      |   |    |    |     |    |   |     |    |    |     |    |    |     |   |    |     |    |   |     |    |    |    |   |    |    |    |   |    |    |    |

| PARTICIPATION / MEETINGS  | 2018 |    |    |    |     |    |    |    |     |   |    |    | 2019 |   |    |    |     |    |    |     |    |    |     |    |    |     |   |    |     |    |    |     |    |    |    |   |    |    |    |   |    |    |
|---------------------------|------|----|----|----|-----|----|----|----|-----|---|----|----|------|---|----|----|-----|----|----|-----|----|----|-----|----|----|-----|---|----|-----|----|----|-----|----|----|----|---|----|----|----|---|----|----|
|                           | SEP  |    |    |    | OCT |    |    |    | NOV |   |    |    | DEC  |   |    |    | JAN |    |    | FEB |    |    | MAR |    |    | APR |   |    | MAY |    |    | JUN |    |    |    |   |    |    |    |   |    |    |
|                           | 3    | 10 | 17 | 24 | 1   | 8  | 15 | 22 | 29  | 5 | 12 | 19 | 26   | 3 | 10 | 17 | 24  | 31 | 7  | 14  | 21 | 28 | 4   | 11 | 18 | 25  | 4 | 11 | 18  | 25 | 1  | 8   | 15 | 22 | 29 | 6 | 13 | 20 | 27 | 3 | 10 | 17 |
| FMP / Task Force          |      |    |    |    |     | 26 |    |    |     |   | 16 |    |      |   | 12 |    |     |    | 25 |     |    |    |     |    |    |     | 8 |    |     |    | 10 |     |    |    |    |   |    |    |    |   |    |    |
| Campus On-Line Survey     |      |    |    |    |     |    |    |    |     |   |    |    |      |   | 27 |    | 7   |    |    |     |    |    |     |    |    |     |   |    |     |    |    |     |    |    |    |   |    |    |    |   |    |    |
| Campus / Community Forums |      |    |    |    |     |    |    |    |     |   | 15 |    |      |   |    |    |     |    |    |     |    |    |     |    |    |     |   |    |     |    |    |     |    |    |    |   |    |    |    |   |    |    |
| Sustainability Workshop   |      |    |    |    |     |    |    |    |     |   |    |    |      |   |    |    | 5   |    |    |     |    |    |     |    |    |     |   |    |     |    |    |     |    |    |    |   |    |    |    |   |    |    |
| Cabinet Meeting           |      |    |    |    |     |    |    |    |     |   |    |    |      |   |    |    | 12  |    |    |     |    |    |     |    |    |     |   |    |     |    |    |     |    |    |    |   |    |    |    |   |    |    |
| Board of Trustees         |      |    |    |    |     |    |    |    |     |   |    |    |      |   |    |    |     |    |    | 8   |    |    |     |    |    |     |   |    |     |    |    |     |    |    |    |   |    |    |    | 6 | 14 |    |

# DOCUMENT

00

## Introduction

Document Organization  
Vision + Mission + Values  
Letter from the President  
District

01

## Process + Participation

Planning Process  
Participation  
Vision Sessions  
Online Survey  
Sustainability Workshop

02

## EMP / FMP Linkages

Master Plan Framework  
Enrollment Forecasts  
Space Inventory  
Space Utilization  
FMP Space Program  
Facilities Planning Principles

03

## Merced Campus

Local Context  
Existing Campus  
Development History  
Facilities Condition Index  
Circulation  
Campus Zoning  
Landscape Analysis  
Recommendations  
Development Concept  
2019 Facilities Master Plan  
FMP Project Alignments  
Project Descriptions + Site Development  
Sustainability

04

## Los Banos Campus

Local Context  
Existing Campus  
Development History  
Facilities Condition Index  
Circulation  
Campus Zoning  
Landscape Analysis  
Recommendations  
Development Concept  
2019 Facilities Master Plan  
FMP Project

05

## Appendix

Merced Campus Infrastructure  
Recommendations  
Merced Campus Preliminary  
Phasing





**QUESTIONS?**





# MERCED CAMPUS 2019 FACILITIES MASTER PLAN

## LEGEND

- Existing Building
- New Construction
- Change of Use
- Future (Beyond FMP)



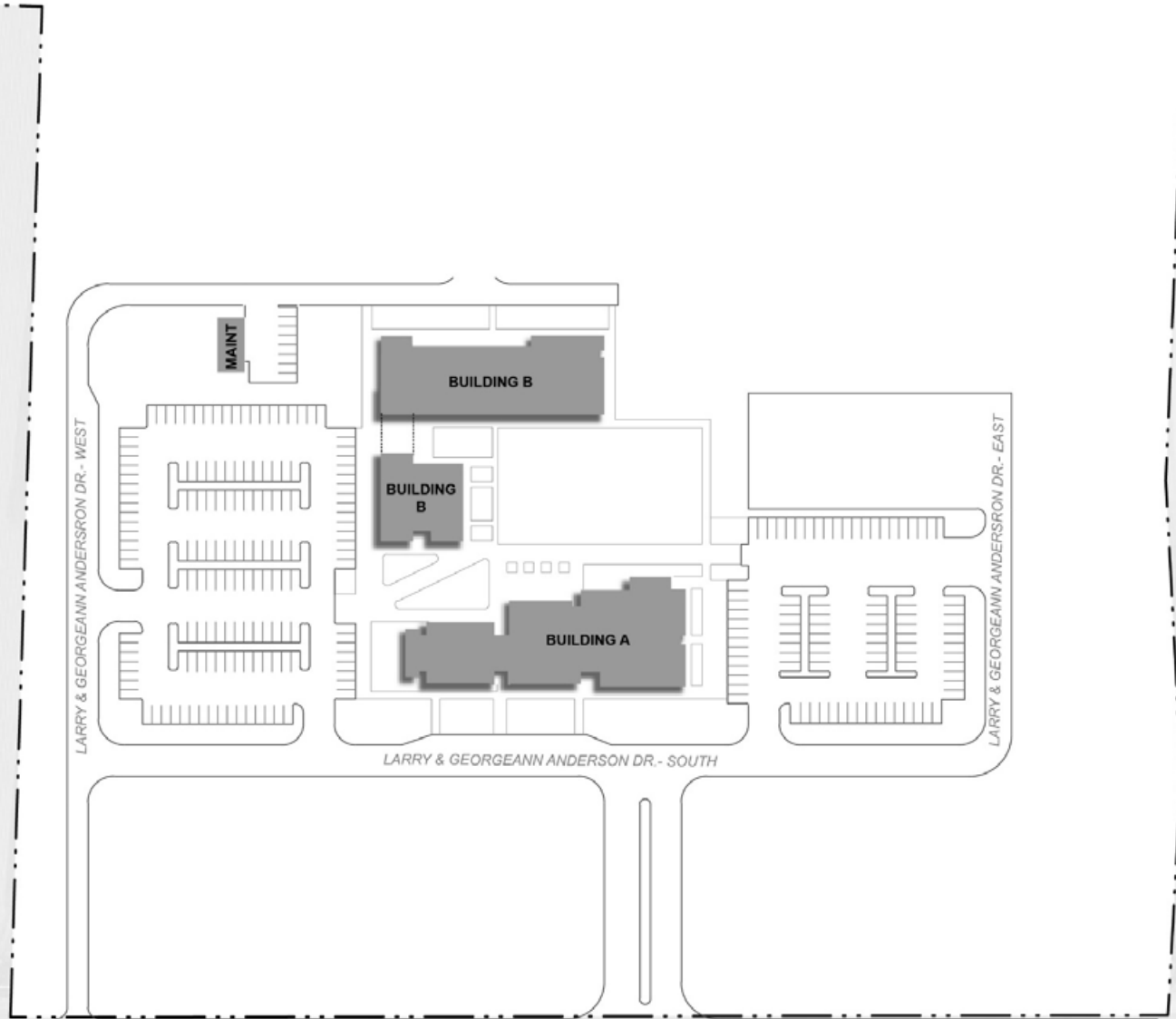
W. YOSEMITE AVENUE



# LOS BANOS CAMPUS EXISTING CAMPUS

## LEGEND

Existing





CA - 152 E / CA - 33 S

# LOS BANOS CAMPUS 2019 FACILITIES MASTER PLAN



## LEGEND

-  Existing Building
-  New Construction

CA - 152 E / CA - 33 S