

Cerro Coso Community College Facilities Master Plan

April 2012



Facilities Master Plan
Kern Community College District



The Team

Kern Community
College District

Cerro Coso Community College

- Indian Wells Valley
- Southern Outreach Center
- Eastern Sierra College Center

Cambridge West
Partnership

HPI Architecture



The Goals

- Provide the Optimal Physical Settings to Support the Academic Mission of the College
- Provide a Blueprint for Campus Development and a Resource for Decision-Making



The Process/Scope

Four Phases.....

March	Baseline Info, SWOT, Initial Considerations, Input
April	Development of Refined Preliminary Resolutions, Input
May	Final Solution Development for Concept Facilities Master Plan
June	Presentation to the Board of Trustees

KEY PLANNING ASSUMPTIONS

FOR THE FACILITIES MASTER PLAN

Planning Assumptions Genesis

- Information from the Educational Master Plan
- Determination of Key Campus Issues from Site Analysis
- Campus Vision/Values - Determined by On-Campus Visits and Meetings

Cerro Coso IWV: Information From EMP

- Current trend for site-based negative growth will be reversed
- College will capitalize on opportunity to attract 25+ population segment w/H.S. diploma but little or no postsecondary education
- The College will achieve a better balance between site-based and on-line course offerings and WSCH generation
- There will be greater demand from the less academically prepared students
- Educational Master Plan parameters (IWV site-based):
 - IWV site-based projected to regain growth lost: 2,777 headcount and 26,701 WSCH (829 FTES) by 2025
 - IWV site-based future space: The future space needs can be met via redistribution/repurposing of existing space

Cerro Coso IWW: Key Campus Issues

The Facilities Master Plan should endeavor to:

- Improve the internal connectivity of the campus
- Address/improve vehicular and pedestrian circulation
- Reorganize/recapture internal space for greater efficiency
- Improve campus systems to increase functionality, user-friendliness and future development
- Address safety and accessibility issues
- Address long-term remedy for heating/cooling of campus buildings
- Capitalize on natural surroundings

Cerro Coso IWW: Vision and Values

Develop a campus plan that has integrity for the long-term

- Welcoming entry points with visual corridors into the campus
- Links outlying facilities into a total campus concept
- Facilitates ease of access and flow throughout the campus
- Supports emergency access into the campus - Minimizes conflicts between vehicles and pedestrians
- Encourages a strong link between the campus and public transportation
- Offers a welcoming environment for students – a place where students want to spend time – creates a “sense of place”
- Inviting to the community – Fosters community connectivity with the College

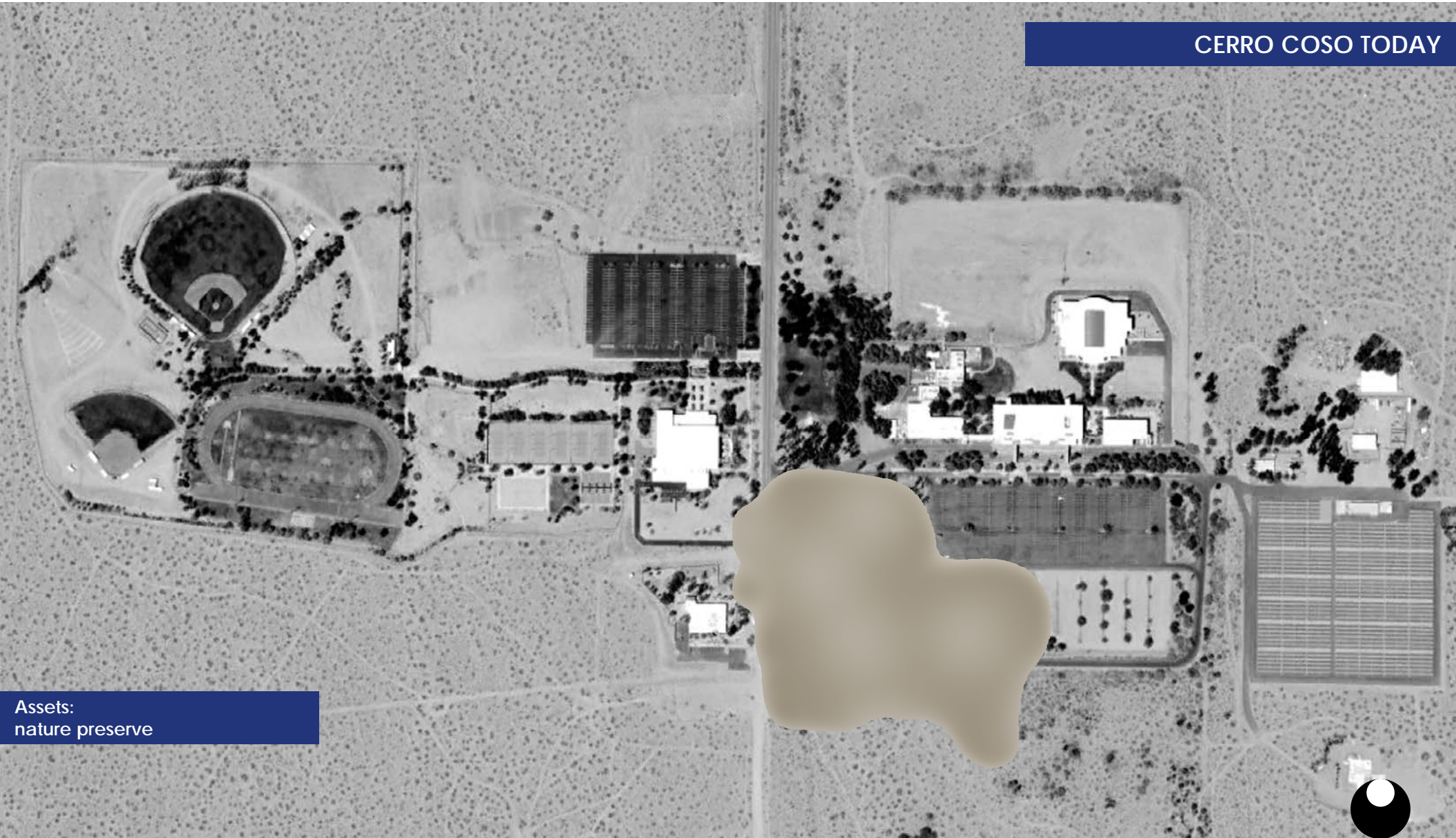
Scope

“Creating a framework of systems to support current and future growth and campus improvement – **a roadmap bringing all projects together to serve one vision**”

i.e. **The forest, not the trees**

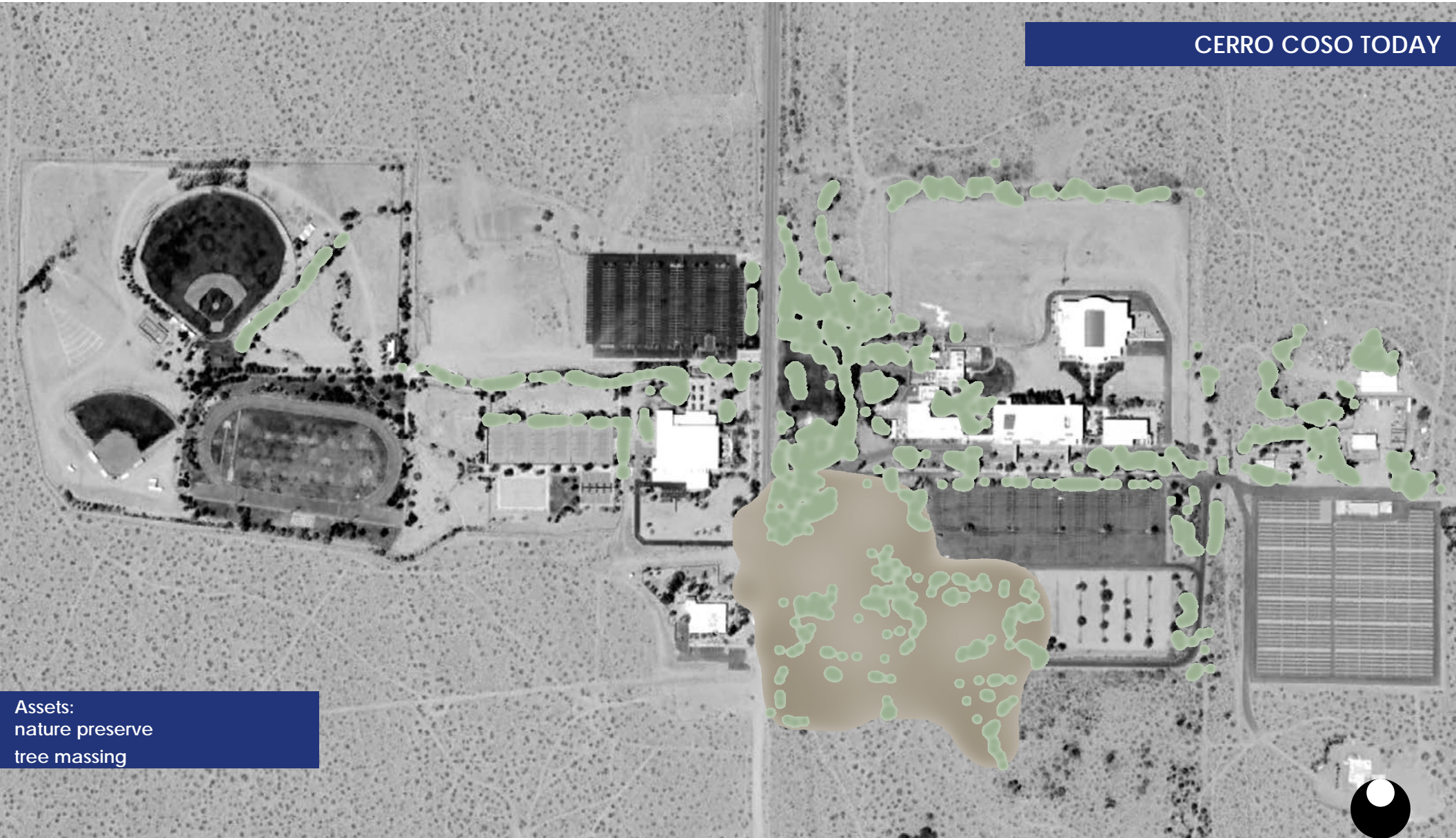
Campus Goals and Objectives

- *Creating A Unique "Place"*
- Supporting Student Access, Learning and Teaching
- Supporting Socialization / Relationship Building
- Student Safety
- Environmental Responsibility



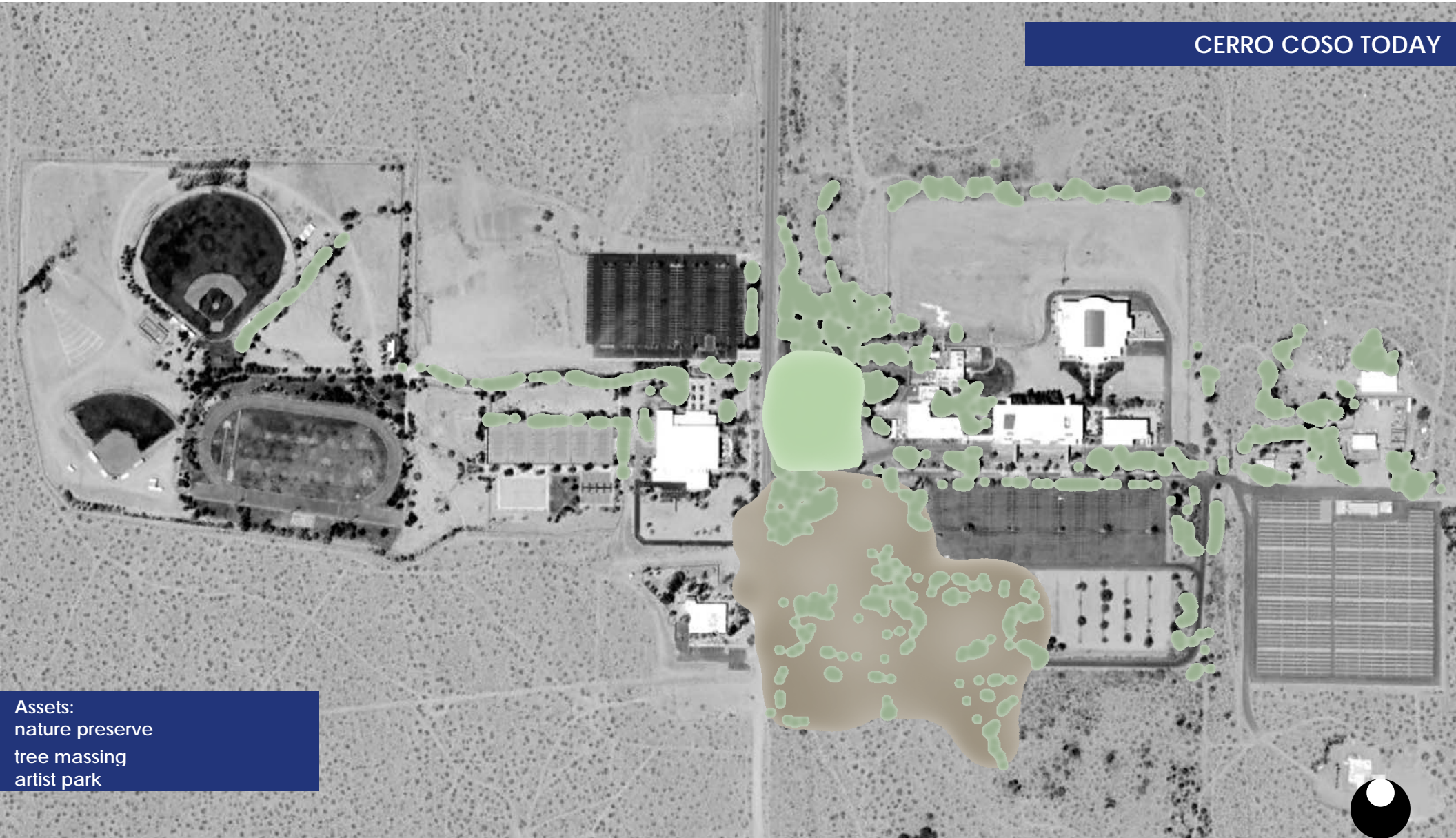
Assets:
nature preserve





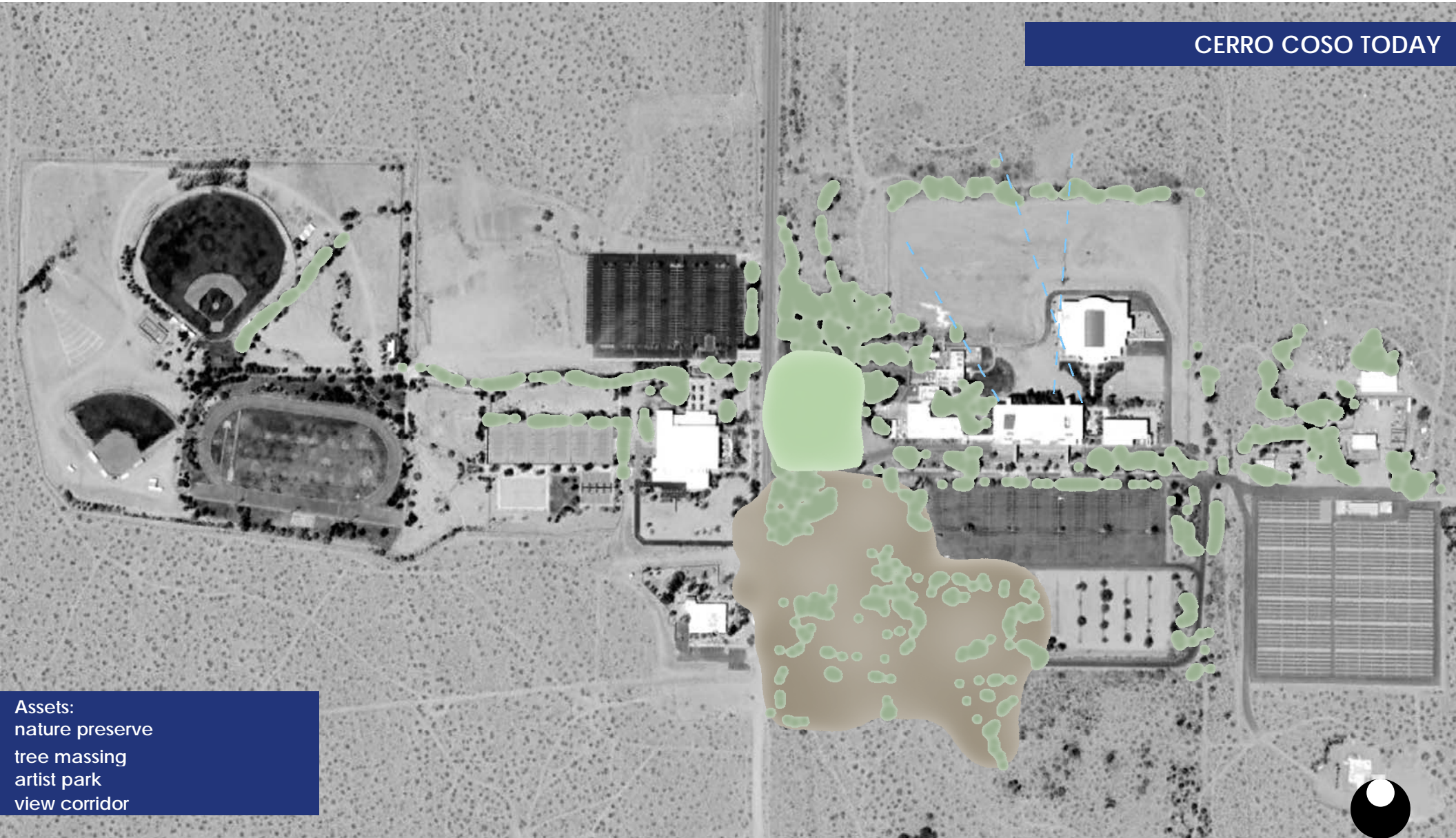
Assets:
nature preserve
tree massing





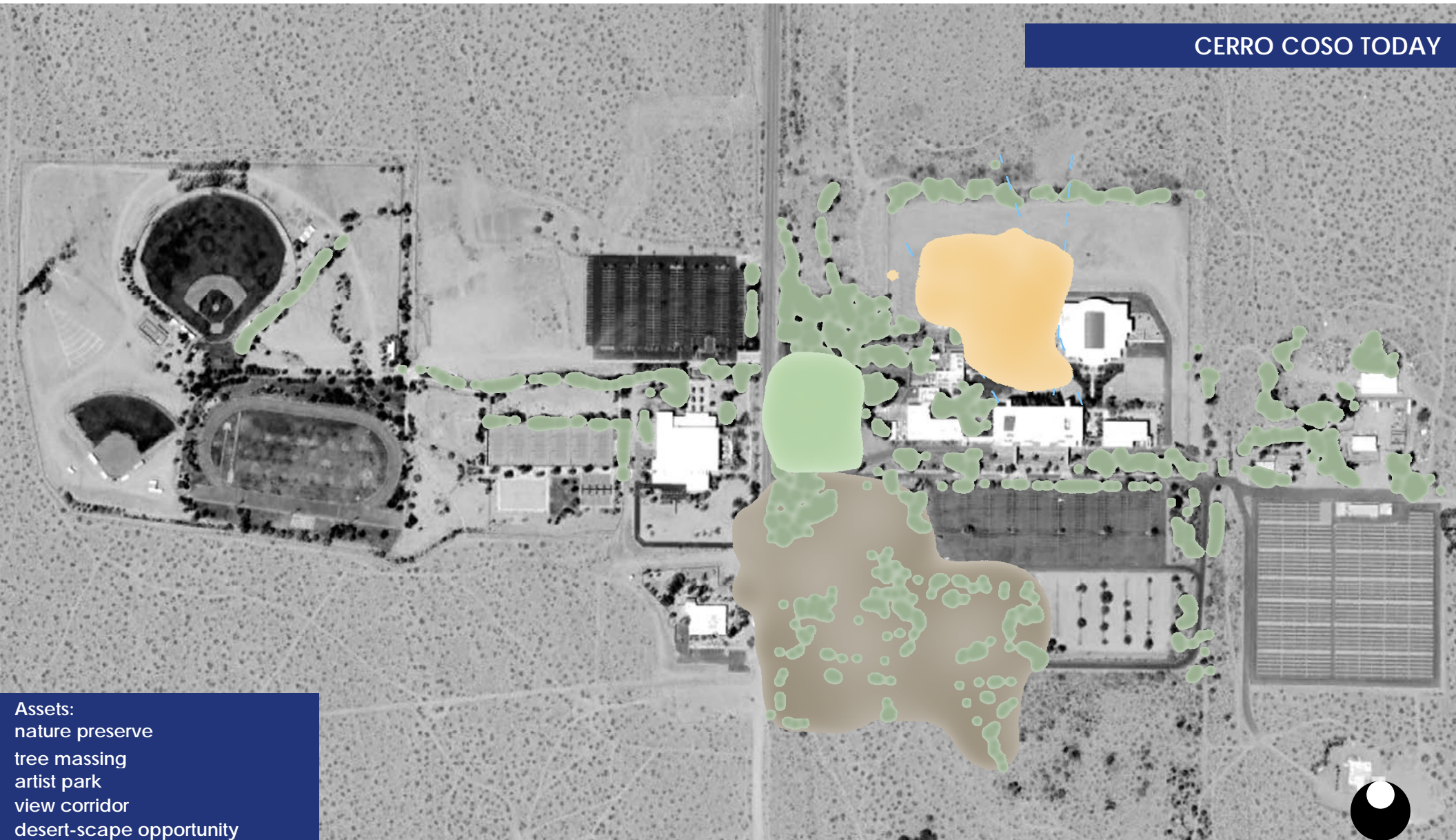
Assets:
nature preserve
tree massing
artist park





Assets:
nature preserve
tree massing
artist park
view corridor





Assets:
nature preserve
tree massing
artist park
view corridor
desert-scape opportunity



CERRO COSO TODAY

Challenges:

1. College Heights Blvd. divides College



CERRO COSO TODAY

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2. Lack of vehicular gateway



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3. Lack of pedestrian gateway to core of campus



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5. Restricted pedestrian movement



CERRO COSO TODAY

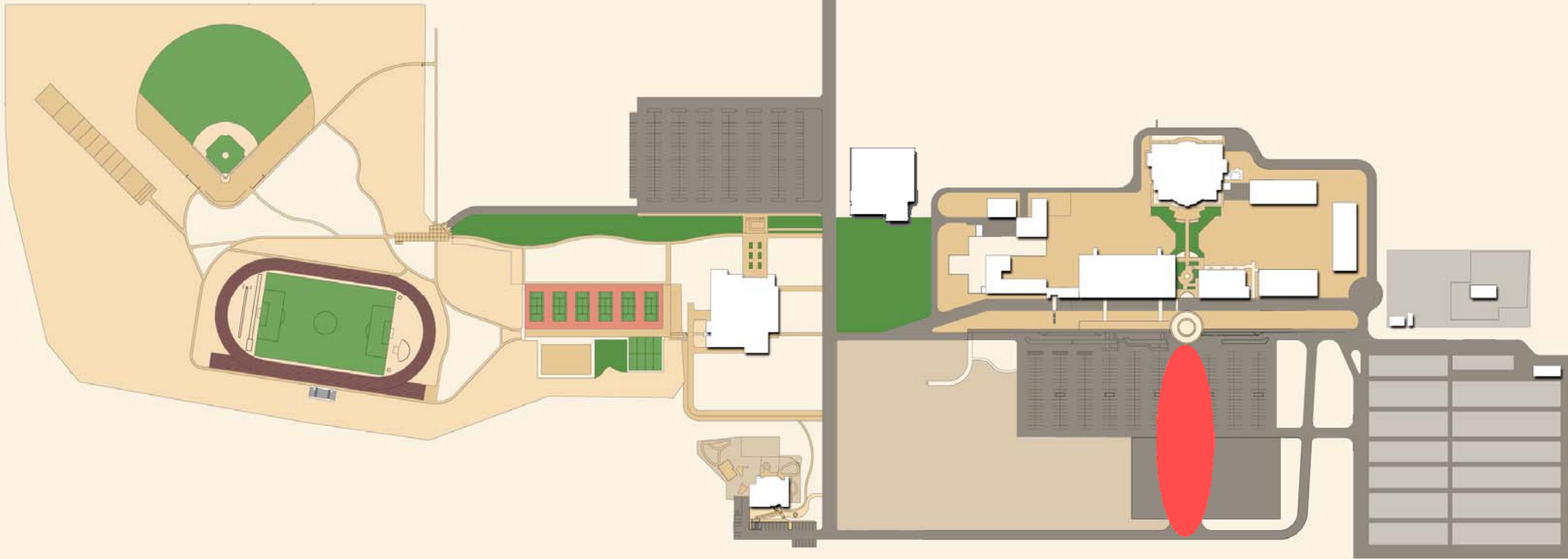
Challenges:

1. College Heights Blvd. divides College
2. Lack of vehicular gateway
3. Lack of pedestrian gateway to core of campus
4. Underdeveloped campus core
5. Restricted pedestrian movement
6. Accommodating future growth



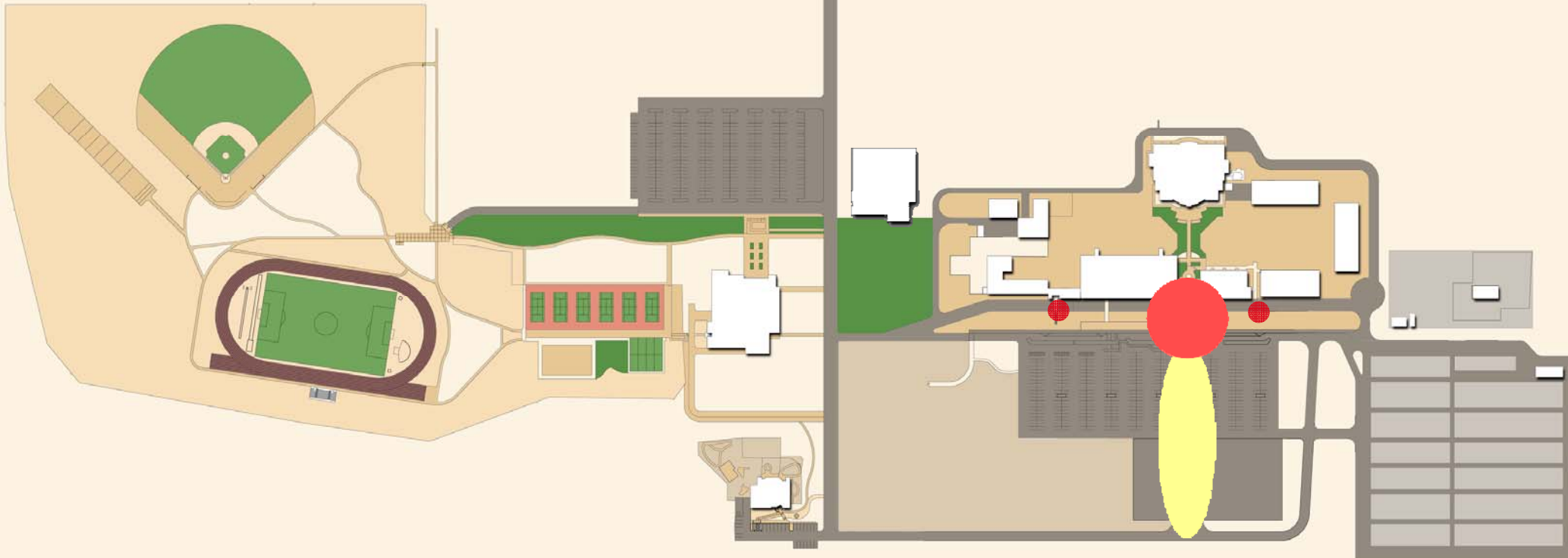
MASTER PLAN RECOMMENDATIONS

1. Vehicular entry / gateway



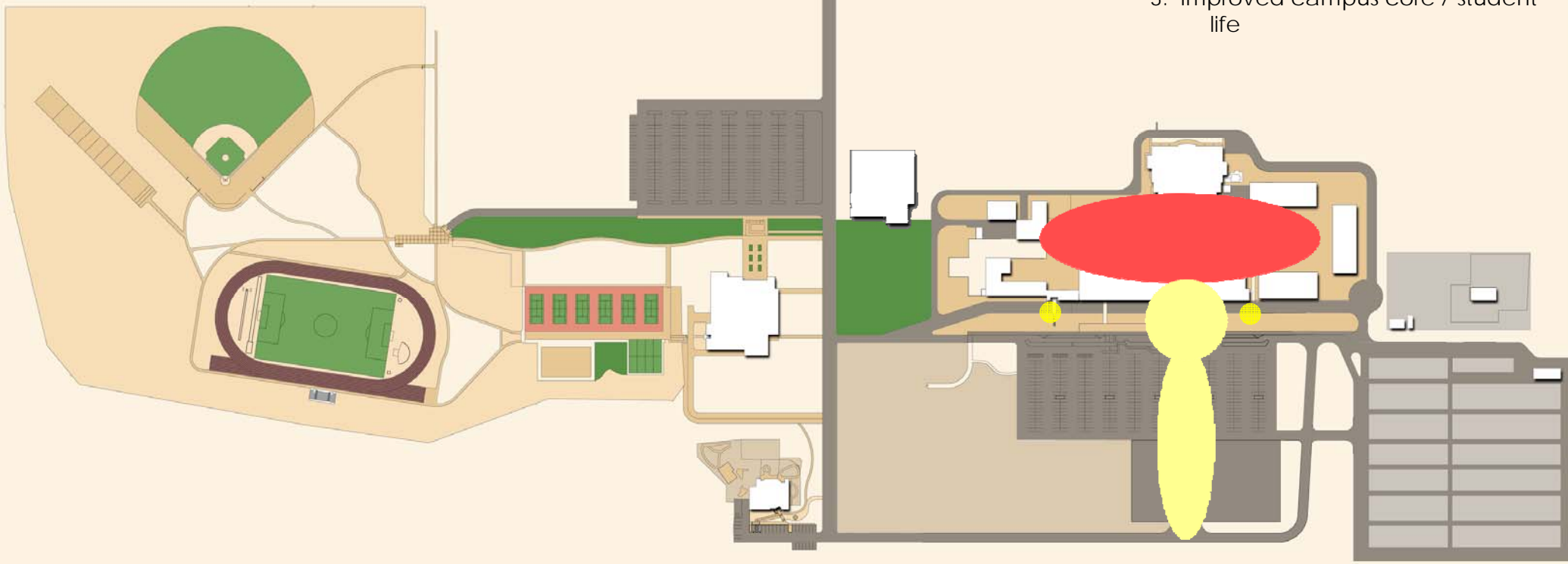
MASTER PLAN RECOMMENDATIONS

1. Vehicular entry / gateway
2. Pedestrian gateways / access to campus core



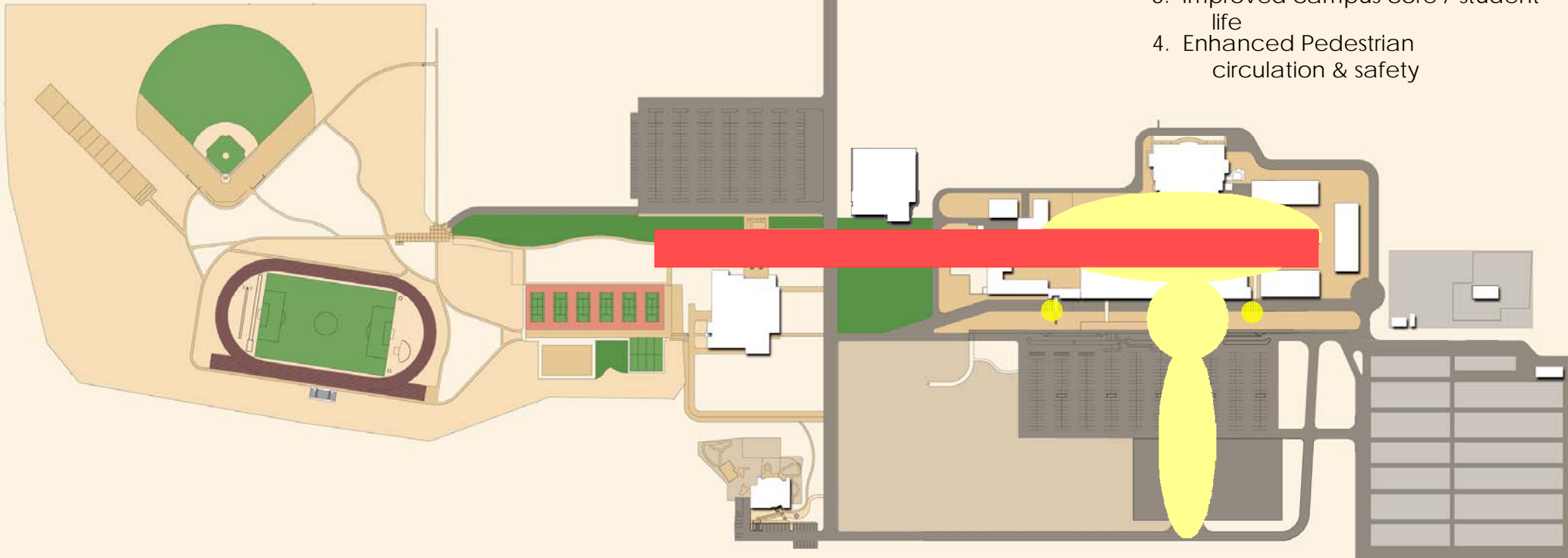
MASTER PLAN RECOMMENDATIONS

1. Vehicular entry / gateway
2. Pedestrian gateways / access to campus core
3. Improved campus core / student life



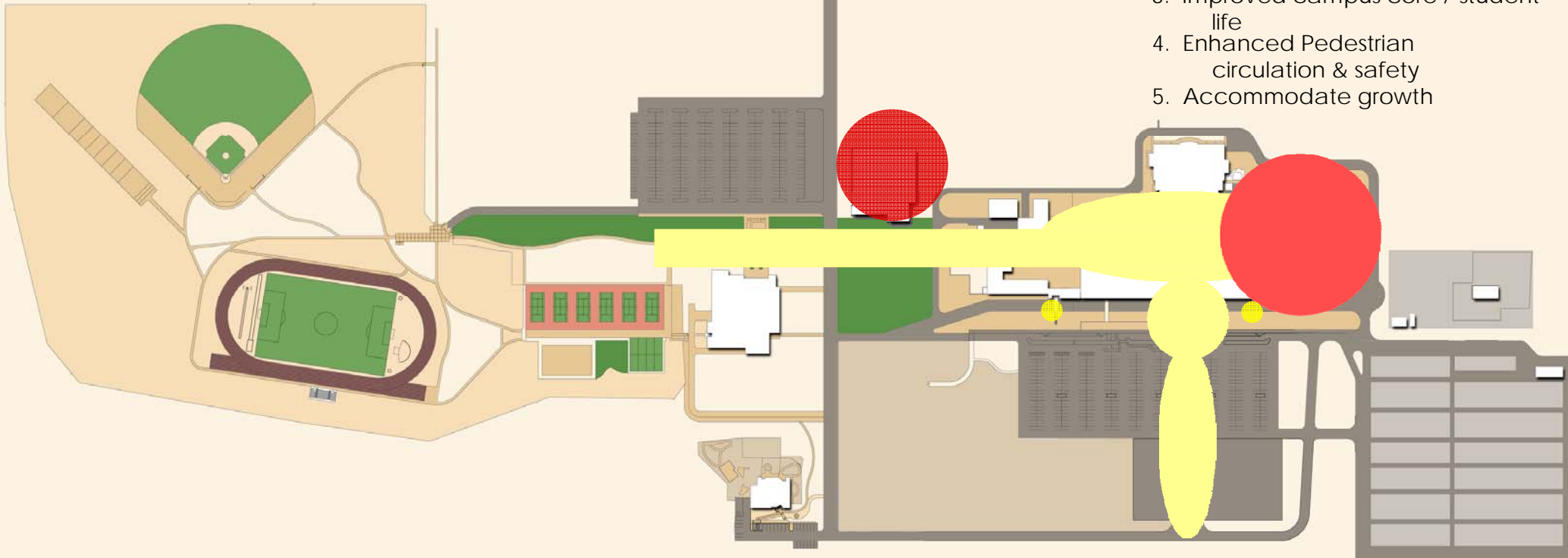
MASTER PLAN RECOMMENDATIONS

1. Vehicular entry / gateway
2. Pedestrian gateways / access to campus core
3. Improved campus core / student life
4. Enhanced Pedestrian circulation & safety



MASTER PLAN RECOMMENDATIONS

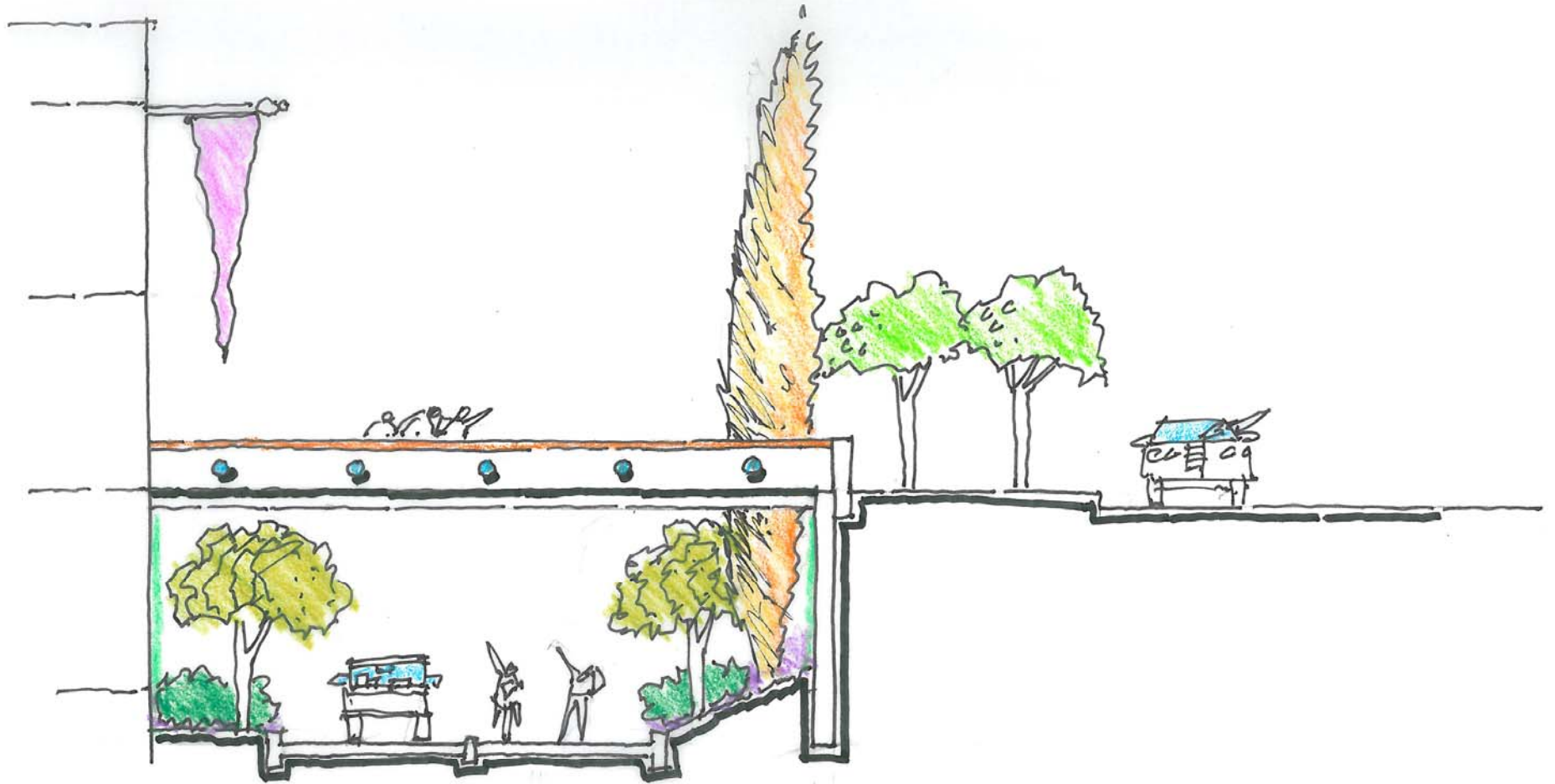
1. Vehicular entry / gateway
2. Pedestrian gateways / access to campus core
3. Improved campus core / student life
4. Enhanced Pedestrian circulation & safety
5. Accommodate growth

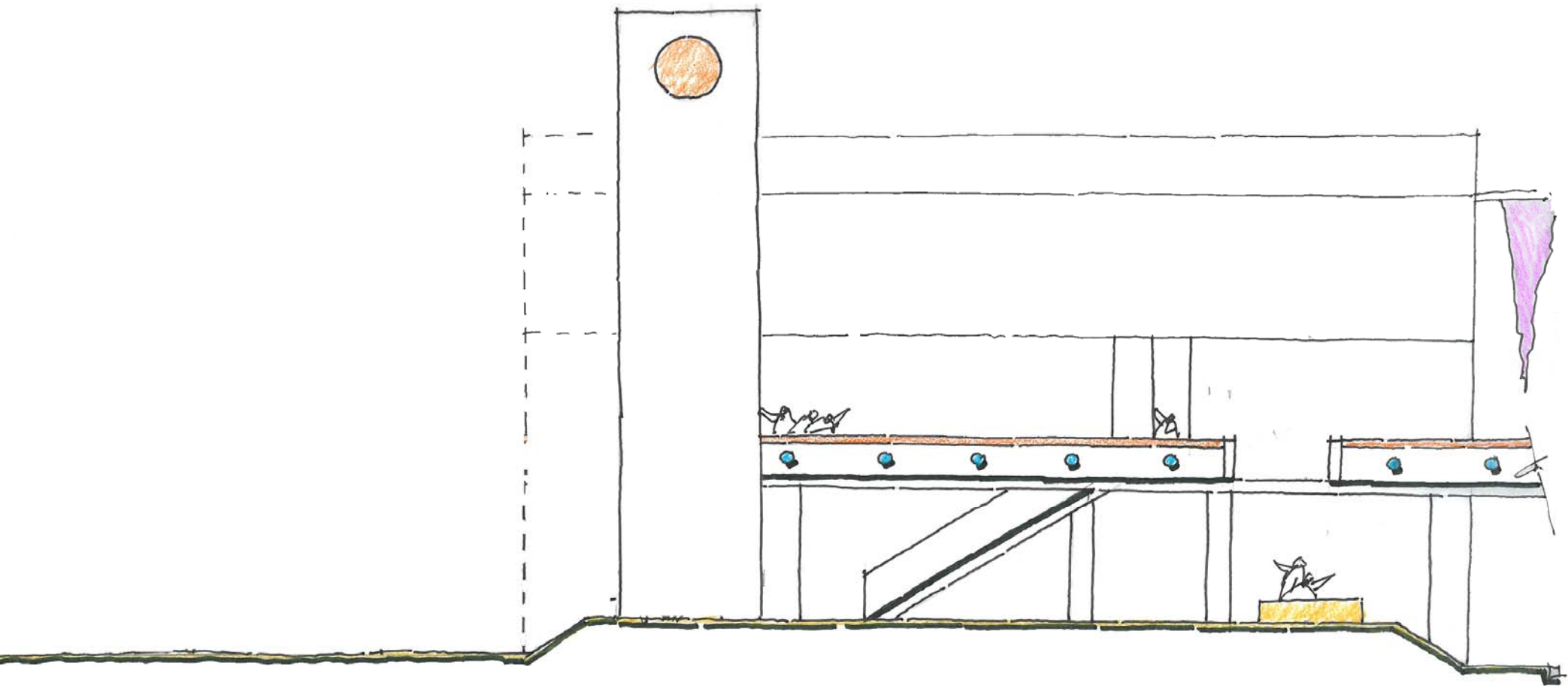




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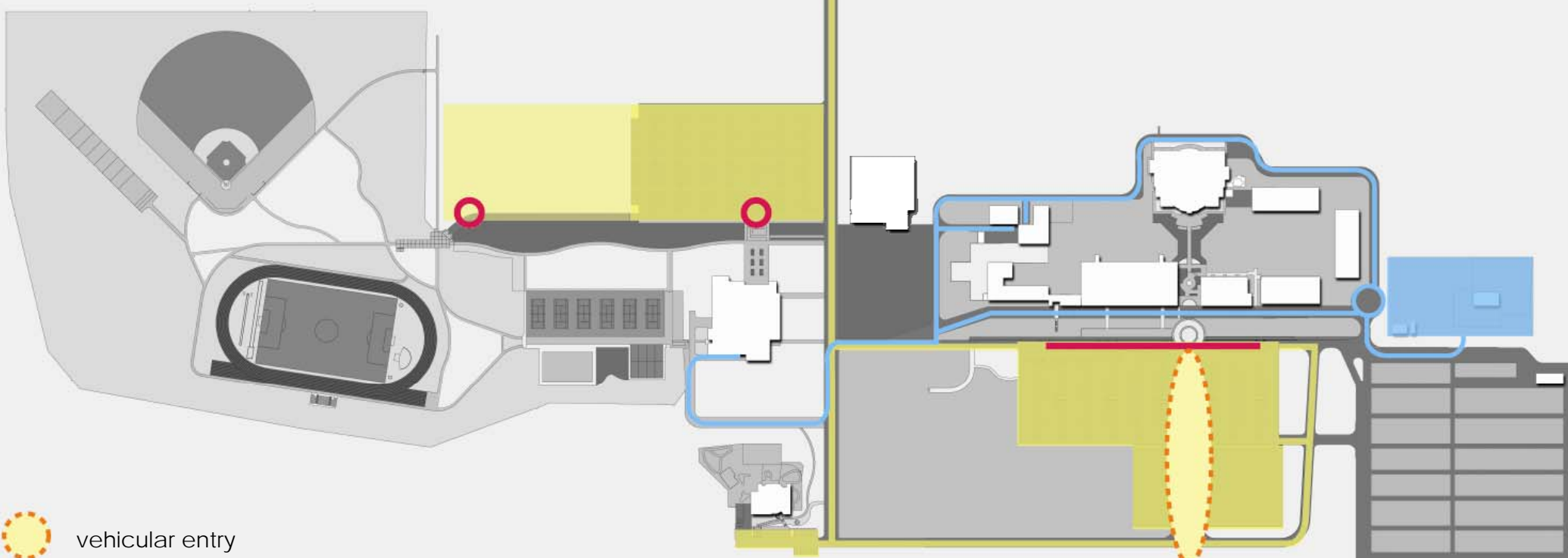




CERRO COSO

campus systems

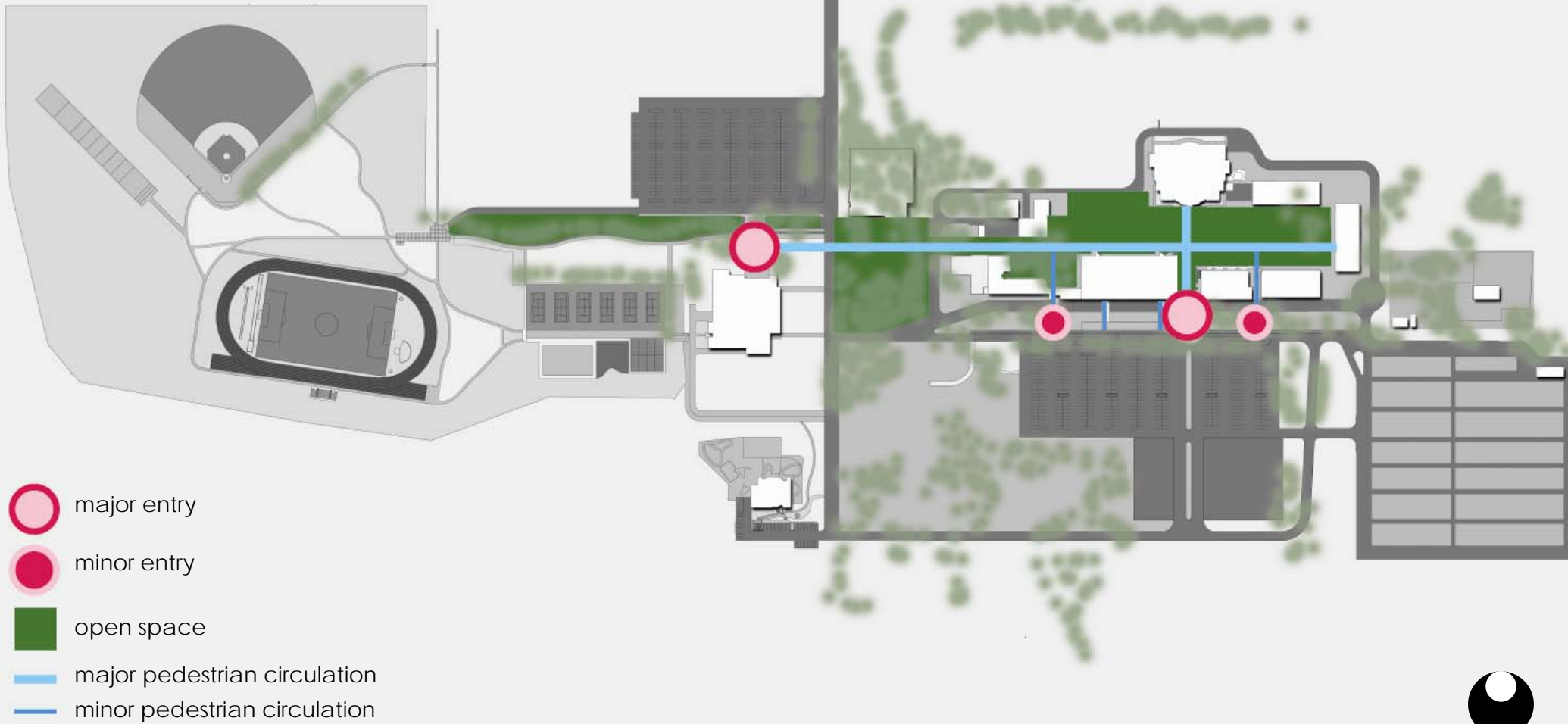
VEHICULAR CIRCULATION



-  vehicular entry
-  parking
-  service
-  drop off

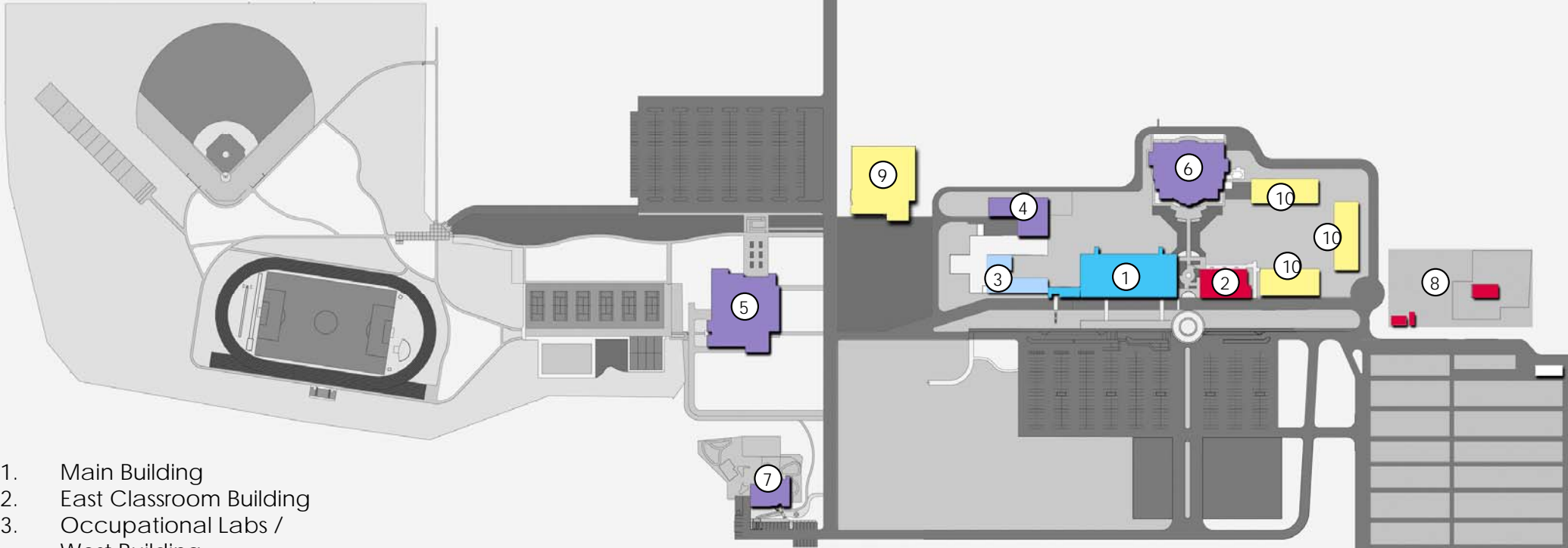


OPEN SPACE / CIRCULATION



CERRO COSO: facility recommendations

- Repurposing and renovation of existing facilities
 - Maximize utilization
 - Enhance accessibility and ease of circulation
 - Improve operations and maintenance
- Provision of a Central Plant / Maintenance, Operations and IT Facilities
- Accommodate growth
 - Enclosure of ground floor at East Classroom Building
 - New buildings to complete campus core
 - Future community building ?



- 1. Main Building
- 2. East Classroom Building
- 3. Occupational Labs / West Building
- 4. Fine Arts
- 5. Gymnasium
- 6. LRC
- 7. Child Care Center
- 8. M&O / Central Plant / IT
- 9. Community Theater
- 10. Future Classroom / Lab Building

- planned renovation
- planned repurpose
- planned construction
- existing building
- future building pad



Cerro Coso Community College Southern Outreach Center

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Southern Outreach Center: Input From EMP

- Trends for negative growth rates (past 10 years) will be reversed
- Center will capitalize on opportunity to attract 25+ population segment that has H.S. diploma/little or no college education
- Center will capitalize on cutting edge industries – Aerospace and Energy in East Kern Co. - (Via CTE programs and/or contract ed)
- Greater demand from less academically prepared students
- Educational Master Plan Parameters:
 - Projected to regain growth: 833 headcount and 6,793 WSCH (211 FTES) per semester by 2025
 - Future space needs can be met with existing space

Southern Outreach Center: Key Campus Issues

- Southern Outreach Ctr. in California City is in the future, not the present (When WSCH production minimally reaches 12,500 per semester)
- Interim consideration should be given to alternate sites for KRV and EAFB Programs - Portable units to start and greater use of iTV
- Address need for informal student gathering areas at selected outlying sites (e.g. food service, study/learning, small lounge)
- Make campus locations as comfortable, safe, functional and user-friendly as possible
- Address need for proximity of day-care services
- Address future of KRV & South Kern sites in relationship to IWV

Southern Outreach Center: Vision and Values

- Short Term:
 - Operates in serviceable interim sites that offers students core education program, articulates with IWW, and makes most use of iTV instruction

- Long Term:
 - Consolidated KRV and South Kern Sites in California City – More central to the population base of East Kern County

Cerro Coso Community College Eastern Sierra Center

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Eastern Sierra Center: Information from EMP

- Trends for negative growth rates (past 10 years) can be reversed
- Center will capitalize on opportunity to attract 25+ population segment that has H.S. diploma/little or no college education
- Population base is declining
- With exception of Hospitality and Forestry industries, little in the way of connection with career education links/opportunities
- Educational Master Plan Parameters:
 - Projected to regain growth lost: 951 headcount and 7,097 WSCH (220 FTES) by 2025
 - Future space needs can be met with existing space

Eastern Sierra Center: Key Campus Issues

■ Mammoth:

- Facilities should consider redistribution and repurposing of internal space for better utilization, adjacencies and flow
- Bifurcated facilities should be better connected
- The addition of informal study/gathering areas should be considered
- Remedy external circulation issues present during winter months
- Campus should be safe, functional and as user-friendly as possible

■ Bishop

- Key infrastructure should be addressed –water, fire suppression, HVAC
- The addition of informal study/gathering areas should be considered
- Campus should be safe, functional and user-friendly as possible
- Right-sizing of space should be consistent with curriculum offered

Eastern Sierra Center: Vision and Values

- Successfully attracts/engages private partners for continued existence –
Creates stronger link with community

- Short Term:
 - Makes existing facilities as usable and functional as possible
 - Invests in changes for health, safety and operations
 - Offers core educational programs and makes the most of iTV instruction

- Long Term:
 - Consideration of eliminating one of the two sites