

# Arizona State University



## Five Year Campus Master Plan Update

Summary for Arizona Board of Regents June 2012

# Purpose

- Re-energize/re-design the university into an advanced physical/technical learning environment
- Update plans and respond to changes since the 2006 Comprehensive Master Plan was completed
- Provide campus planning guidelines with flexibility to respond to frequent changes in academic and research needs and priorities
- Identify site opportunities and capacities to meet 2020 space needs, based on projected enrollment and research growth
- Establish architecture and landscape guidelines to assist in achieving design excellence and campus cohesiveness
- Incorporate ASU's sustainability goals and principles into the master plan and guidelines and utilize all as teaching opportunities
- Illustrate key planning elements to guide growth and improvements, such as land use, building pads, open space, and access management

# Plan Influences

- ASU's 2020 Strategic Business Framework
- Increased research to +/- \$700 million annual (mega research class)
- Academic changes
- Increased focus on enhancing learning intensity and success
- On campus residential growth
- Commitment to sustainability
- Campus Physical Population Capacity:

**15,000** Downtown Phoenix Campus

**15,000** Polytechnic Campus

**15,000** West Campus

**60,000** Tempe Campus

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**105,000 Total**





# One University in Many Places



# Campus Metrics

## Downtown Phoenix Campus

	Existing	Plan Capacity
Headcount	10,296	15,000
Beds	1,225 (12%)	3,750 (25%)
Total GSF	1.6 mil.	3.8 mil.
Acad/Rsrch GSF	1.2 mil.	2.4 mil.
Parking Spaces	1,040	TBD
Total Acreage	20	20

## Polytechnic Campus

	Existing	Plan Capacity
Headcount	4,877	15,000
Beds	1,306 (26%)	3,750 (25%)
Total GSF	2.1 mil.	4.8 mil.
Acad/Rsrch GSF	1.1 mil.	2.6 mil.
Parking Spaces	3,167	TBD
Academic/Research/Support Acres	-	295
Development Acres	-	318
Total Acreage	613	613

## West Phoenix Campus

	Existing	Plan Capacity
Headcount	5,916	15,000
Beds	337 (6%)	3,000 (20%)
Total GSF	0.86 mil.	2.9 mil.
Acad/Rsrch GSF	0.75 mil.	1.8 mil.
Parking Spaces	2,811	TBD
Academic/Research/Support Acres	-	208
Development Acres	-	70
Total Acreage	278	278

## Tempe Campus

	Existing	Plan Capacity
Headcount	51,469	60,000
Beds	10,432 (20%)	15,000 (25%)
Total GSF	15.9 mil.	19.3 mil.
Acad/Rsrch GSF	8.9 mil.	10.6 mil.
Parking Spaces	18,118	18,118
Academic/Research/Support Acres	-	498
Development Acres	-	136
Total Acreage	634	634



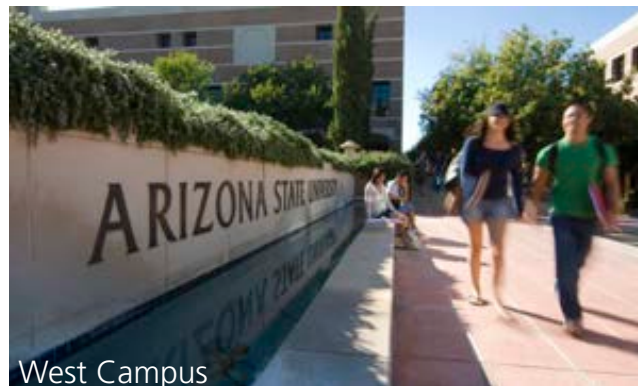
# Architectural Guidelines

## Guideline Goals:

- Institute greater continuity into architectural design
- Integrate new buildings into existing campus fabric

## Guideline Principles:

- Pedestrian friendly “edges”
- Reflect neighboring materials
- Porosity at ground level
- Create exterior gathering spaces
- Central courtyards



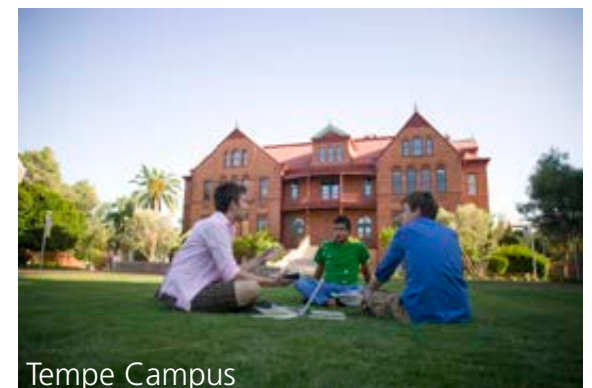
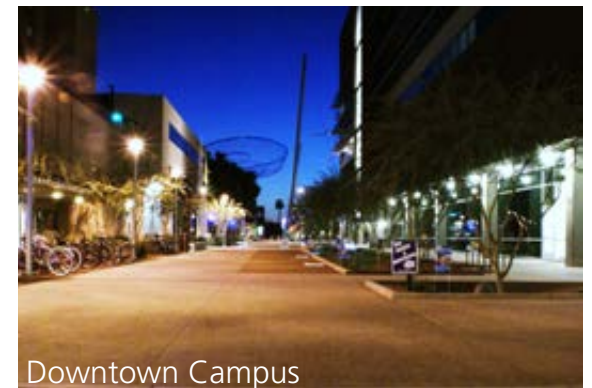
# Landscape Architectural Guidelines

## Guideline Goals:

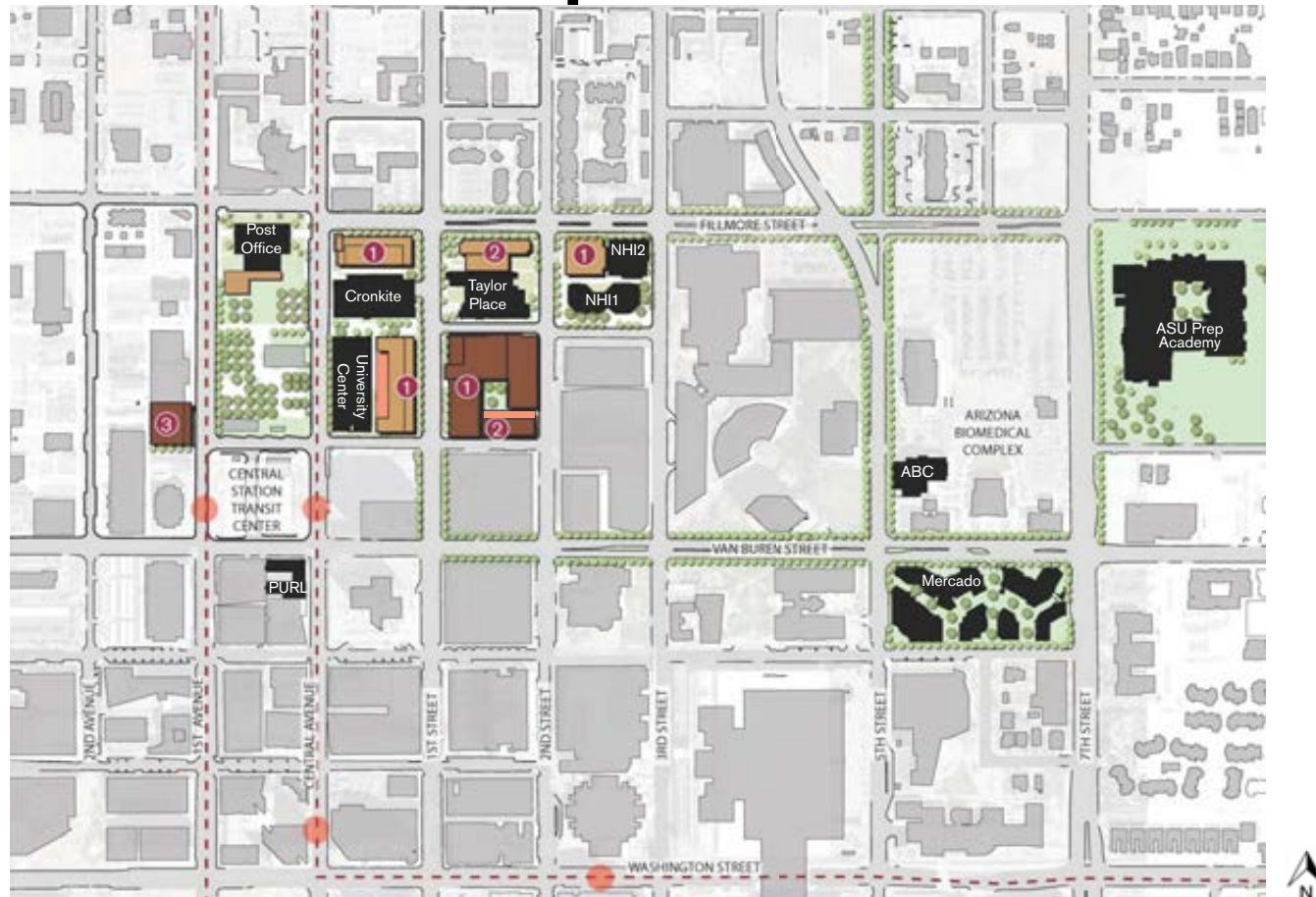
- Form a common visual and functional environment
- Create individual campus identities
- Demonstrate commitment to sustainability

## Guideline Principles:

- Sustainable landscapes
- Cohesive visual identity
- Enhance human comfort



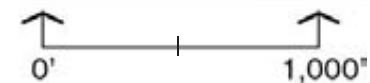
# Downtown Phoenix Campus Master Plan



## Downtown Phoenix Campus Master Plan

### key elements:

- ① Academic expansion
- ② Future residential development
- ③ Student Recreation Center



### LEGEND

- PROPOSED ASU DEVELOPMENT
- PROJECTS IN PLANNING, DESIGN AND CONSTRUCTION
- PROPOSED PARKING STRUCTURE
- EXISTING CAMPUS BUILDING
- LIGHT RAIL STOPS

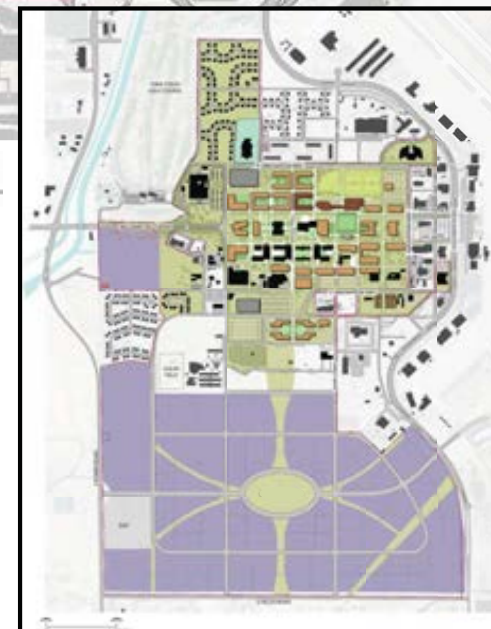


# Downtown Phoenix Campus Growth



- EXISTING BUILDINGS
- PROPOSED ACADEMIC
- PROPOSED RESIDENTIAL/STUDENT LIFE
- PROPOSED PARKING STRUCTURE
- LIGHT RAIL STOP

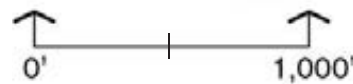
# Polytechnic Campus Master Plan



## Polytechnic Campus Master Plan

### key elements:

- ① Academic and research expansion
- ② Future residential development
- ③ Gateway sites, signature architecture
- ④ Phase I residential, dining, student recreation center
- ⑤ Campus Green



**LEGEND**

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<span style="display: inline-block; width: 10px; height: 10px; background-color: #8e44ad; border: 1px solid black;"></span>	PROJECTS IN PLANNING, DESIGN, AND CONSTRUCTION
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<span style="display: inline-block; width: 10px; height: 10px; background-color: #34495e; border: 1px solid black;"></span>	EXISTING CAMPUS BUILDING
<span style="display: inline-block; width: 10px; height: 10px; background-color: #9b59b6; border: 1px solid black;"></span>	FUTURE DEVELOPMENT OPPORTUNITIES



# Polytechnic Campus Growth



Existing Conditions Model

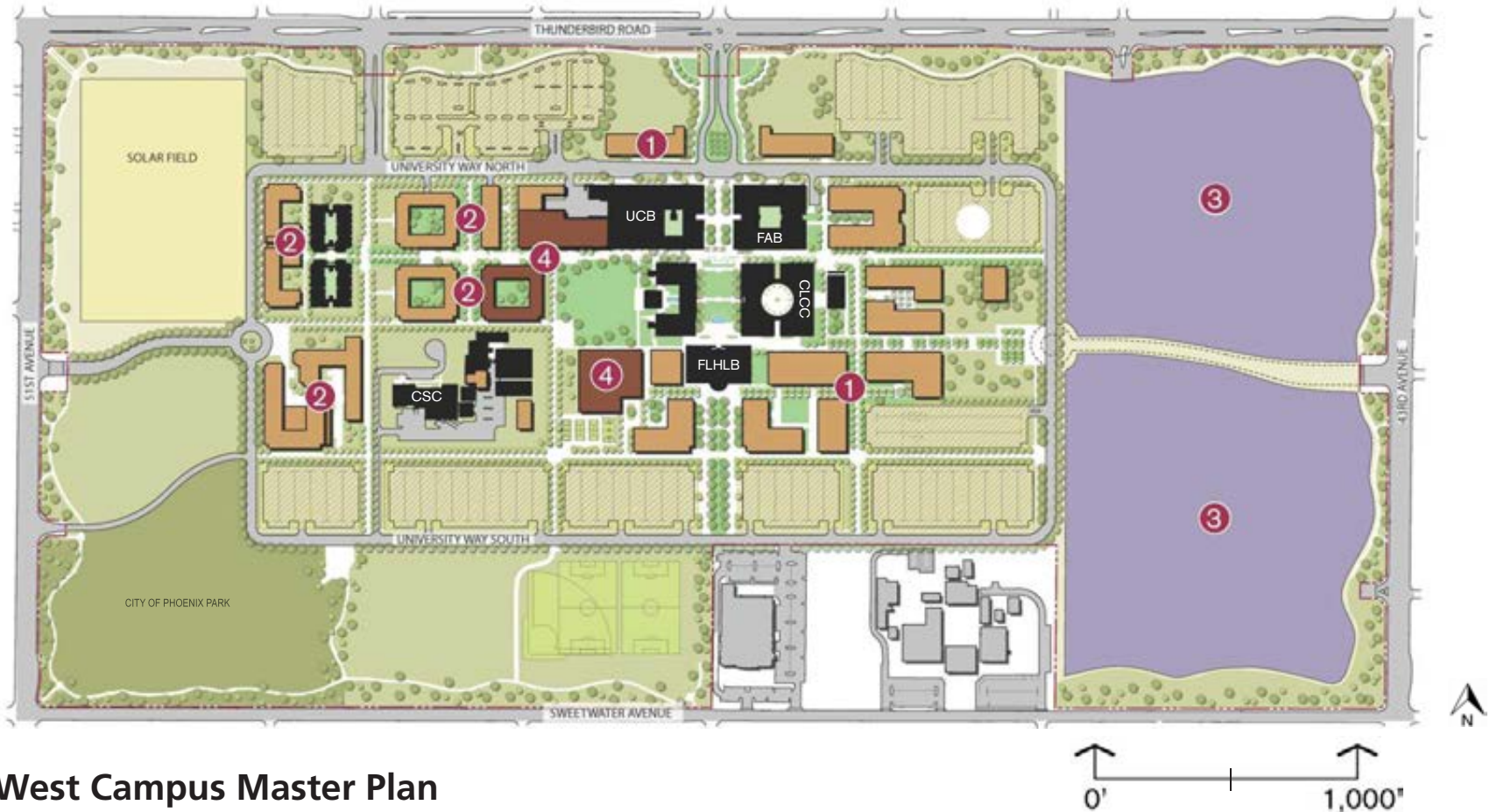


Proposed Conditions Model

- EXISTING BUILDINGS
- PROPOSED ACADEMIC
- PROPOSED PARKING STRUCTURE
- PROPOSED RESIDENTIAL/STUDENT LIFE



# West Campus Master Plan



## West Campus Master Plan

### key elements:

- ① Academic expansion
- ② Future residential development
- ③ Future development opportunity
- ④ Phase I residential, dining, student recreation center

### LEGEND

- PROPOSED ASU DEVELOPMENT
- PROJECTS IN PLANNING, DESIGN, AND CONSTRUCTION
- PROPOSED PARKING STRUCTURE
- EXISTING CAMPUS BUILDING
- FUTURE DEVELOPMENT OPPORTUNITIES

# West Campus Growth



EXISTING BUILDINGS

existing conditions



PROPOSED ACADEMIC

PROPOSED PARKING STRUCTURE

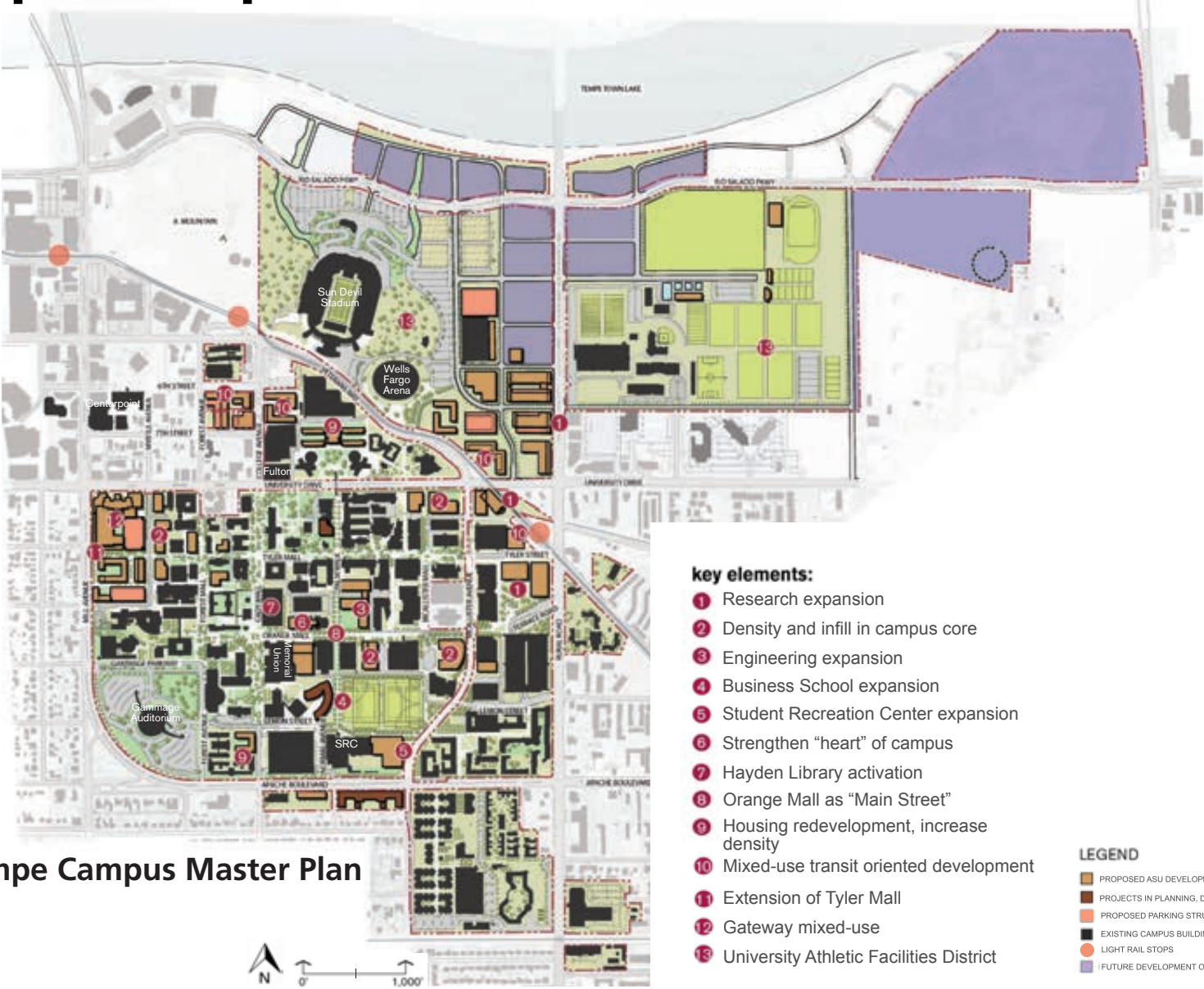
PROPOSED RESIDENTIAL/STUDENT LIFE

FUTURE DEVELOPMENT OPPORTUNITIES

recommendations



# Tempe Campus Master Plan



Tempe Campus Master Plan

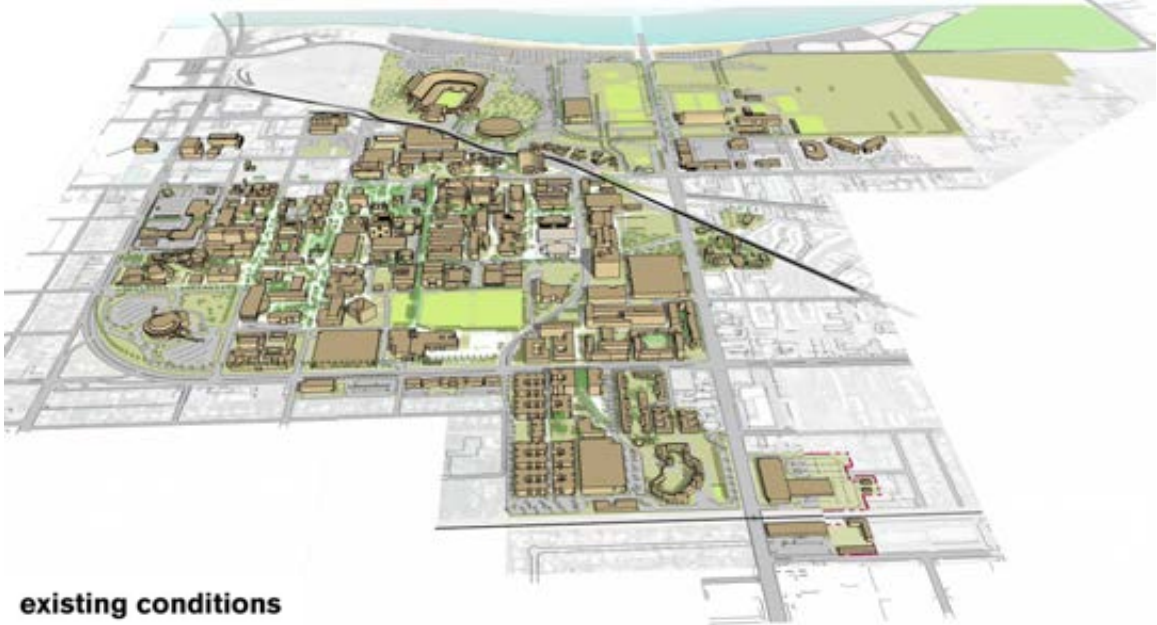
- key elements:**
- 1 Research expansion
  - 2 Density and infill in campus core
  - 3 Engineering expansion
  - 4 Business School expansion
  - 5 Student Recreation Center expansion
  - 6 Strengthen "heart" of campus
  - 7 Hayden Library activation
  - 8 Orange Mall as "Main Street"
  - 9 Housing redevelopment, increase density
  - 10 Mixed-use transit oriented development
  - 11 Extension of Tyler Mall
  - 12 Gateway mixed-use
  - 13 University Athletic Facilities District

**LEGEND**

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<span style="display: inline-block; width: 10px; height: 10px; background-color: #f4a460; border: 1px dashed black;"></span>	PROJECTS IN PLANNING, DESIGN OR CONSTRUCTION
<span style="display: inline-block; width: 10px; height: 10px; background-color: #f4a460; border: 1px solid black;"></span>	PROPOSED PARKING STRUCTURE
<span style="display: inline-block; width: 10px; height: 10px; background-color: #333; border: 1px solid black;"></span>	EXISTING CAMPUS BUILDING
<span style="display: inline-block; width: 10px; height: 10px; background-color: #333; border: 1px solid black;"></span>	LIGHT RAIL STOPS
<span style="display: inline-block; width: 10px; height: 10px; background-color: #8e7cc3; border: 1px solid black;"></span>	FUTURE DEVELOPMENT OPPORTUNITIES



# Tempe Campus Growth



existing conditions



recommendations

- EXISTING BUILDINGS
- PROPOSED ACADEMIC
- PROPOSED RESIDENTIAL/STUDENT LIFE
- PROPOSED MIXED USE
- PROPOSED COMMERCIAL
- PROPOSED PARKING STRUCTURE
- FUTURE DEVELOPMENT OPPORTUNITIES



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