MASTER PLAN TOWN HALL DRAFT MASTER PLAN JUNE 17, 2016

Palm Desert Campus Cal State San Bernardino





A PART

AGENDA

- Opening comments: President Morales
- Introduction: Jeff Thompson
- Master plan process and schedule
- Master plan goals
- Projected space requirements
- Review optional growth scenarios and feedback
- Review Consensus master plan concept
- Potential near term projects

OBJECTIVES OF THE PDC MASTER PLAN

- Upgrade Academic Facilities & Accommodate growth to 8000 FTE
- Create a collegial, aesthetic campus that supports learning
- Promote sustainability
- Enhance internal and external connectivity
- Elevate the PDC 'Brand'
- Engage and positively impact the community



MASTER PLAN PROCESS



SPACE REQUIREMENTS

NEAR TERM PROGRAM NEEDS AND POTENTIALS FOR PDC

- Library/Media Center
- Classrooms to accommodate 30-35, 60 student lecture and a large lecture room of 300-500 students.)
- Hospitality Program (including food kitchens, restaurant, industrial food labs and possible teaching hotel facilites)
- Student Union/Food Commons/Dining Hall
- Exterior seating/social area for students/shaded areas
- Sound Stage and Film Projection Building
- Student Resource Center (Writing Center, Career Services, Math Tutoring, Mentoring)
- Residence Halls (with areas that could be used for Senior Hostel or the hoapitality program)
- Gym/Small arena (Basketball/volleyball)

CSUSB PALM DESERT: CAMPUS BENCHMARKS

- Year established
- Fall 2014 FTE:
- Campus Acres (excluding UCR):
- Campus Assignable Sq. Ft. (ASF): 61,810

1985

1,093

180

• Campus Parking capacity: (current spaces): 335



CSUSB PALM DESERT: ENROLLMENT GOAL/REQUIREMENTS

• Enrollment Goal:

8,000 FTE

• Current Campus Capacity

- 2,500 FTE
- New Development required 879 1,103,000 GSF (Equivalent to 9 or 10 buildings of approximately 80,000GSF each)
- Required Parking capacity: (at .5 spaces per FTE) 4,000



CSUSB PALM DESERT: LONG TERM SPACE NEEDS ESTIMATE

Major Campus Space Categories		Gross Square Feet Ranges		
	Instructional	350,000	•	490,000
	Library & Media	155,000	-	200,000
No.	Physical Education	111,000	-	115,000
R	Student Support	130,000	-	150,000
2	Administration	98,000	-	105,000
盦	Assembly & Exhibit	10,000	-	15,000
	Physical Plant	25,000	-	28,000
	TOTAL	879,000	-	1,103,000



OPTIONAL MASTER PLAN CONCEPTS

UNIVERSITY NEIGHBORHOOD SPECIFIC PLAN

PLANNING AREA CONTEXT:

- University Neighborhood Specific Plan 168 Acre Planning Area at the corner of Frank Sinatra Dr and Portola Ave.
- UC Riverside Palm Desert Campus
- Pending & Approved Plans and Tracts:
 - University Village: A 204 acre Neighborhood Plan directly adjacent (north) the UNSP planning area.
 - The Millennium Palm Desert: A 163 acre plan between Gerald Ford Dr and I-10.
 - Spanish Walk: Planned (partially constructed residential neighborhood at Frank Sinatra Dr and I-10.)
- University Planning Area







STREET FRAMEWORK

EXISTING CONDITION Gerald Ford Drive and Cook Street

EXISTING CONDITION



STREET FRAMEWORK

PROPOSED ALTERNATIVES Gerald Ford Drive and Cook Street

ALTERNATIVE #3



CSUSB LAND OWNERSHIP





CSUSB LAND OWNERSHIP



EXISTING PDC CAMPUS



SCHEME A TIERED CENTRAL SPINE



DVERVIEW OF CAMPUS PROGRAM CONFIGURATION IN SCHEME A - FROM THE NORTH



SCHEME B COURTYARDS



OVERVIEW OF CAMPUS PROGRAM CONFIGURATION IN SCHEME B FROM THE NORTH



SCHEME C CENTRAL CORRIDOR



OVERVIEW OF CAMPUS PROGRAM CONFIGURATION IN SCHEME C - FROM THE NORTH



SCHEME A: TIERED PROMENADE



48%

ENGAGE CAMPUS WITH SURROUNDING CONTEXT THROUGH EMPHASIZED PEDESTRIAN ACCESSIBILITY THROUGHOUT CAMPUS

- Site design driven by existing circular roadway repurposed as pedestrian mall
- Second tiered pedestrian spine from Cook/Sinatra intersection to campus core
- Sloped topography to create tiered podiums for future buildings with views to the region (and with potential for structured parking)
- Strong campus image at Cook St and Sinatra Drive

 Integrates campus life & activities with regional views and connections to neighborhood context

CONNECTED COURTARDS

6%^{####}

SCHEME B:

OPTIMIZED ACADEMIC CLUSTERS AROUND COOL COURTYARDS FORMING TALL AND COMPACT DEVELOPMENT

- Site design driven by optimized solar orientation to reduce energy use
- Emphasizes green technology integration with architecture
- Increased density (4-5 stories) to reduce pedestrian travel distances
- Integrates campus life & activity into garden courtyards
- Encourages multi-disciplinary shared-space academic buildings
- · Reflective of current trends in academic planning for



46%

ALIGNS ALL DEVELOPMENT ALONG A CENTRAL COVERED OR SEMI-ENCLOSED CORRIDOR TO ACTIVATE PUBLIC PLAZA/PROMENADE

- Site design driven by optimized solar orientation to reduce energy use
- Second tiered pedestrian spine from Cook/Sinatra intersection to campus core
- · Increased density to reduce pedestrian travel distances
- Integrates campus life & activities

SCHEME C: CENTRAL CORRIDOR

- Opportunities to share resources by department
- Reflective of current trends in academic planning for shared multi-use opportunities

CONSENSUS MASTER PLAN CONCEPT

DRAFT MASTER PLAN



OVERALL CAMPUS PLAN











VIEW OF CENTRAL PLAZA



CAMPANILES AND CLOCK TOWERS



ARCHITECTURE TO DISTINGUISH THE CAMPUS

VIEW FROM COOK STREET AT FREEWAY

VIEW FROM COOK STREET AT FREEWAY

ACADEMIC STREET

ACADEMIC STREET

PALM CANYON

LANDSCAPE CONCEPT: COOK ST. AND FRANK SINATRA

LEGEND

- 1. SIGNAGE MONUMENTS
- 2. SCULPTURE EARTH FORM W/ SPECIMEN SUCCULENTS
- 3. ARRIVAL PLAZA W/ SHADE BOSQUE
- 4. ADMINISTRATION COURT
- 5. CENTRAL CAMPUS PEDESTRIAN COURT
- 6. NATIVE PALM ALLEE
- 7. SHADE TREE BOSQUE PLAZA
- 8. SHADE TREE ALLEE
- 9. DROP OFF/PICK UP
- **10.COOK STREET PEDESTRIAN WALK**
- 11.OPEN SPACE/STORM WATER
- RETENTION AREA 12.BRIDGE OVER RETENTION AREA 13.NATIVE TREE GROVE 14.WINDROW

PERFORMANCE DRIVEN DESIGN

Solar radiation study from April 1st to October 31st

High values of solar radiation in most outdoor areas in the east west axis

Solar Impact North-South versus East West

Wind direction = 315° Wind Speed = 8.3 m/s

WIND

Wind direction = 315° Wind Speed = 8.3 m/s

Velocity

SOLAR ENERGY

VEGETATED SURFACES

EVAPORATIVE COOLING CASE STUDIES

OUTDOOR TEACHING SPACES

TOOLS FOR SUSTAINABLE COMFORT

POTENTIAL NEAR TERM PROJECTS

LIBRARY/CAMPUS CENTERS

LIBRARY/CAMPUS CENTER EXAMPLES

JOHN SPOOR BROOME LIBRARY CAL State Channel Islands

TANIMURA AND ANTLE FAMILY MEMORIAL LIBRARY California State University, Monterey Bay

CLASSROOMS/LECTURE HALLS

PHYSICAL EDUCATION/EVENTS CENTER

STUDENT CENTER/FOOD SERVICE

DRAFT MASTER PLAN JUNE 17, 2016

Palm Desert Campus

Cal State San Bernardino

