

CI Physical Master Plan Committee
February 20, 2012

Presented to the

President's Planning and Policy Council

by Caroline Doll, Secretary to the Committee

Committee Membership 2011/2012

Ruben Alarcon- CI Faculty

Jabari Holloway – CO CPDC

David Ashley – Student Rep.

Nichole Ipach – Advancement

Erik Blaine – University Glen Corp.

Ed Lebioda – AVP Student Affairs

Jason Barnes – Student Government

Steve Lohr – CO Planning

David Carlson – Campus Architect

Kirsten Moss-Frye – A,O&T Programs

Dave Chakraborty – AVP of OPC

Luda Popenhagen – CI Faculty

Randy Churchill – Community Rep.

Rosemary Rowen – Ventura County

Caroline Doll- Sec. to Committee

Steve Svete – Rincon Consulting

Andrea Gehring – Architect

Ysabel Trinidad – VP of F&A

John Gormley - Chairman

Dan Wakelee – Asst. Provost

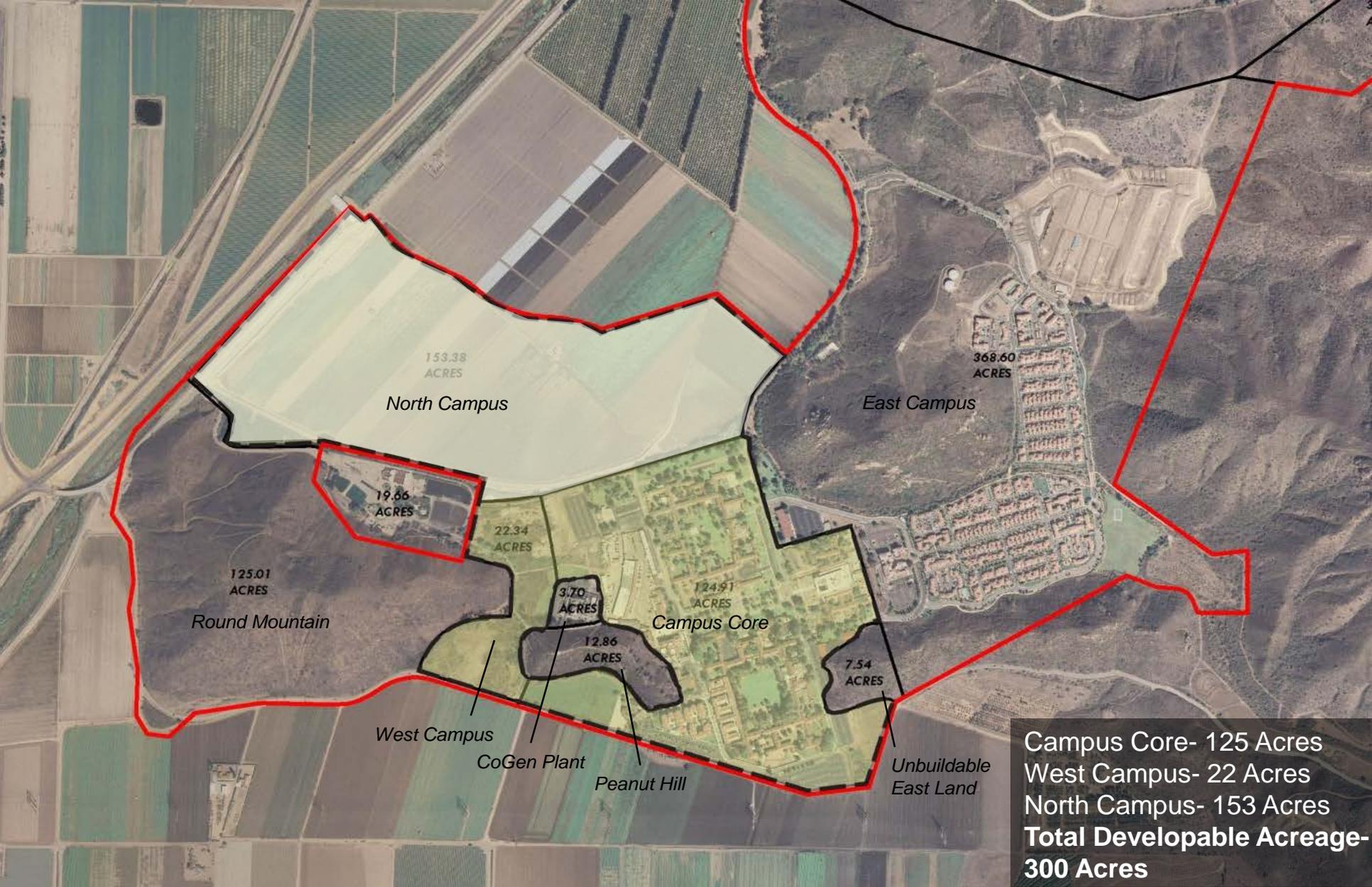
The Physical Master Planning Committee

- **Appointed by:** President
- **Reporting Relationship:** Advisory to the President
- **Office of Record Responsible for Minutes:** Director of Special Projects, Finance and Administration
- **Meeting Frequency:** Minimum of once per semester, or more frequently as needed.
- **Charge:** Advise the President of matters relating to physical planning, major capital development, and physical environment, including:
 - Implementation of Master Plan in a manner consistent with the academic goals of the campus
 - Review five-year capital outlay plan and long range programs
 - Review area and master plans; landscape; site studies; parking; circulation.
 - Review of design and siting for new buildings, exterior alterations and site improvements.
 - Review progress of capital projects to ensure consistency with approved campus objectives
 - It is the responsibility of each member to distribute documents and materials to the group s/he is representing and to consult with and represent his/her constituents to the PMPC.



Critical Planning Documents

- ◉ Academic Master Plan
- ◉ Five-Year Capital Outlay Plan
- ◉ FTE Enrollment Distribution
- ◉ Summary of Campus Capacity (with projects)



Campus Core- 125 Acres
 West Campus- 22 Acres
 North Campus- 153 Acres
**Total Developable Acreage-
 300 Acres**

Limited capacity adjacent to campus core

Project Review Criteria

- How does the project benefit the mission of the University?
- How is the project consistent with the goals of the University Master Plan?
- Is the proposed project consistent and compatible with existing campus improvements? (Consider building materials, building systems, architectural features, accessibility, etc.)
- Have the social, environmental, and economic impacts of the project been adequately considered?
- Is the proposed site location appropriate for the project? Have alternate sites been considered?
- Have impacts to the internal/external community been adequately considered? Have the appropriate constituencies been consulted?
- Does the project as proposed provide for appropriate durability and life-cycle costs?
- How does the project support the CSUCI Green Campus goals and indicate proposed sustainable design features?
- What operational and maintenance issues/costs are associated with the project? Have these issues been adequately addressed?
- Does the project pose potential risk and/or liability to the University? Is additional risk analysis or study necessary?
- What is the estimated cost and funding source for the project? For long-term maintenance and repair?



Channel Islands
CALIFORNIA STATE UNIVERSITY

CAMPUS MASTER PLAN



Final Plan Workshop— November 2011

Campus Mission & The Four Pillars

- ◉ Student Access/Retention/Success
- ◉ STEM Crisis
- ◉ Environmental Sustainability
- ◉ Wellness

Ayers Saint Gross Plan

Contents of Plan:

Main Report

Academic Plan Appendix

Existing Circulation System

Suggested Landscape Plant Palette

Energy Appendix

Accommodate growth to **15,000 students** (FTES)

Enhance CI's precepts of **integrative** and **innovative**

Reflect the **character** and **intimacy** of the core campus

Express the **cultural heritage** of the site and area

Engage the **larger community**

Embrace **sustainability**

	Existing Program (3,300 students)	Existing Program Need (3,300 students)	Short Term Program (5,000 students)	Mid Term Program (7,500 students)	Long Term Program (15,000 students)
ACADEMIC & SUPPORT	426,000 ASF (129 ASF/FTES)	264,000 ASF (80 ASF/FTES)	450,000 ASF (90 ASF/FTES)	600,000 ASF (80 ASF/FTES)	1,125,000 ASF (75 ASF/FTES)
HOUSING	171,000 ASF (~25%)	186,000 ASF (~25%)	345,000 ASF (~30%)	520,000 ASF (~30%)	1,035,000 ASF (~30%)
(230 ASF/BED)	825 beds	800 beds	1,500 beds	2,250 beds	4,500 beds
TOTAL	597,000 ASF	450,000 ASF	745,000 ASF	1,100,000 ASF	2,160,000 ASF
PARKING spaces	2,000+	1,650	2,750	3,375	5,250
% FTES	65%+	50% (CSU)	55%	45%	35%

Emerging Planning Program



Existing Active Space:	94,000 ASF
Proposed Active Demolition:	(23,000 ASF)
Proposed Renovation:	56,000 ASF
Proposed New Construction:	259,000 ASF
Total North Quad Space:	387,000 ASF

Highlights:

- Open Entry Gateway Hall
- New Building on axis with North Hall
- Selective infill of new, efficient buildings

North Quad: Proposed

Sustainability

The campus is committed to environmental sustainability.

Charter Participant in Sustainability Tracking Assessment & Rating System (STARS)- developed by the Association of Advancement of Sustainability in Higher Education

Received STARS Silver rating (Bronze to Platinum) in 2011

CI Sustainability Task Force

- Electricity Consumption reduced 27% over past 2 years.
- Now working to reduce potable water use (restrooms/kitchens)
- Climate- specific planting; irrigation -97% reclaimed water
- “The campus achieved 75% scores for sustainability related to both curriculum and research in the STARS system.

Goals from Sustainability Workshop

Graduate all students with *environmental literacy*

Make sustainability *demonstrable* on campus

Minimize *energy* use; maximize *renewable* resources

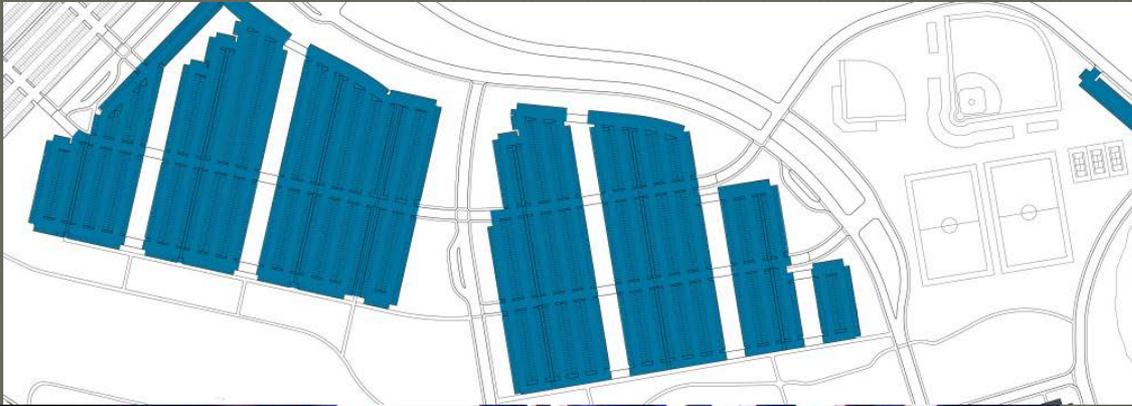
Minimize *water* use; demonstrate *integrative approaches*

Limit *impact of vehicles* on campus and in region

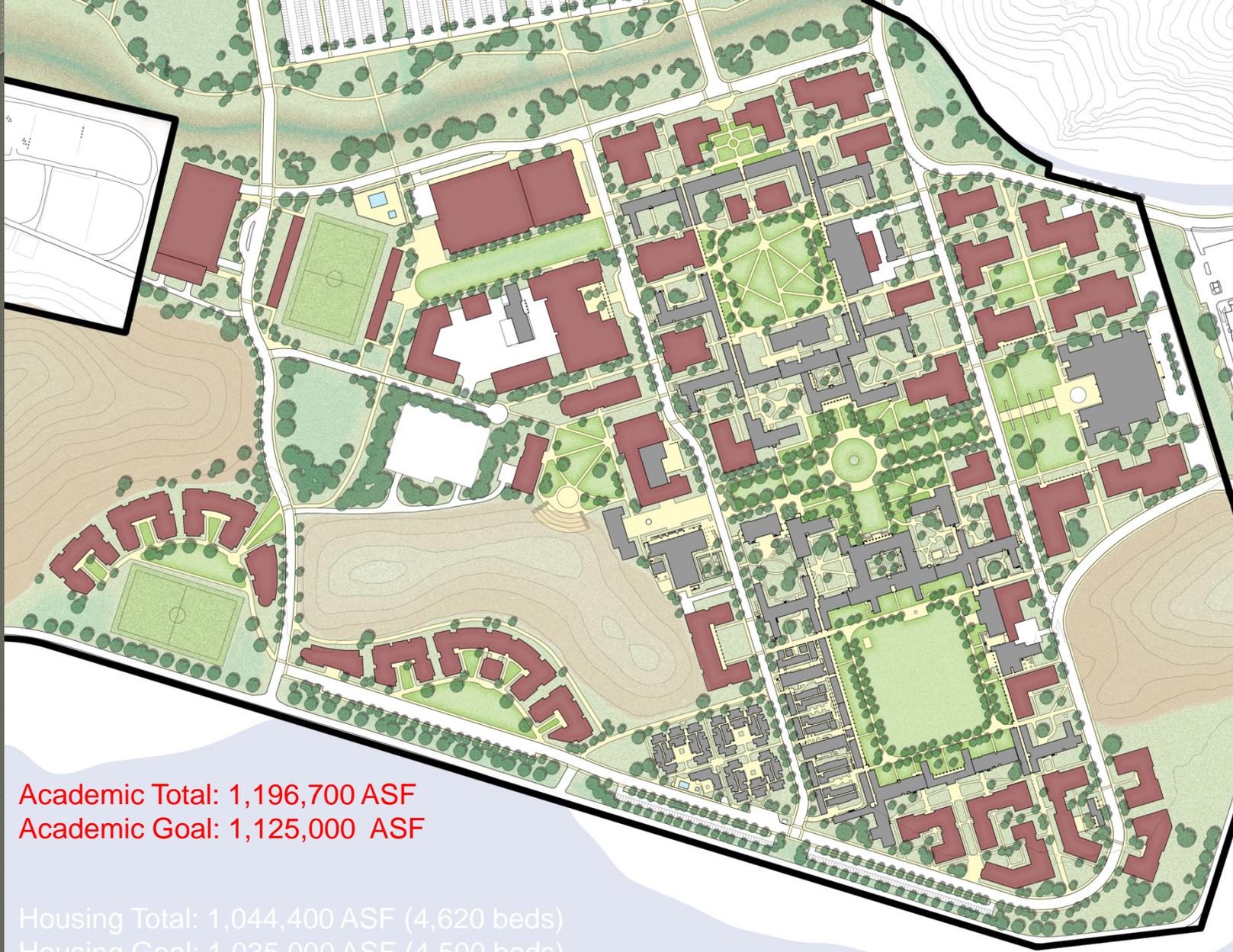
Evaluate the application of “*cradle to cradle*” on campus

CI Sustainability Task Force Next-Steps Plan

- Focus on Five Issues:
 - Transportation
 - Strategic energy
 - Recycling awareness
 - Environmental literacy
 - New building goals



Parking- Proposed



Academic Total: 1,196,700 ASF
Academic Goal: 1,125,000 ASF

Housing Total: 1,044,400 ASF (4,620 beds)
Housing Goal: 1,035,000 ASF (4,500 beds)

Campus Master Plan



SketchUp Model



Outline for campus design guidelines:

Mexican and Spanish Mission Roots

Key Forms

Materials

Building Heights

Landscape

Design with Climate



- The core of campus consists of one- to three-story buildings. The stated height limit for the campus is 60 feet.
- Additions and new buildings in the core must have heights compatible to adjacent structures.
- Other design elements such as arcades, stepped massing, and abbreviated façade lengths will also contribute to a comfortable human scale.



Building Heights and Scale



- Mission Revival and Spanish Revival architecture echo the style of early missions in California.
- Architecture characterized by white, connected forms with pitched roofs of red clay tile.
- Simple patterns of windows and doors are “punched” into thick walls.
- Enclosed courtyards and interior quads.
- Long arcades of white columns and red-tiled, pitch roofs line the walls of buildings forming two iconic quads.



CSU – Channel Islands Character



Pedestrian Circulation- Proposed



TOTAL DESIGN STORAGE & INFILTRATION VOLUMES

- 1) RAINFALL ZONE = K
- 2) 10 YR , 1 DAY RAINFALL = 4"

SUB-AREA	PROPOSED VOL. (ac-ft)	INFILTRATION VOL.(ac-ft)	STORMWATER TREATMENT VOL. (ac-ft)	NEEDED STORAGE VOL.(ac-ft)
Aa	3.75	1.01	0.40	1.84
Ab	3.98	0.25	0.30	15.61
Ac	18.06	3.84	1.19	
Ba	2.91	1.30	0.23	3.10
Bb	6.35	0.40	0.37	
C	5.18	0.00	0.45	1.39
D	4.70	0.22	0.27	0.26

- LEGEND**
- EXISTING STORM DRAIN
 - PROPOSED STORM DRAIN
 - PROPOSED DRAINAGE CHANNEL
 - SUB-AREA DRAINAGE BOUNDARY (DIFFERENT COLORS)
 - PROPOSED DETENTION BASIN LOCATION
 - PROPOSED STORMWATER TREATMENT AREA
 - MAJOR CONTOUR (20ft)
 - MINOR CONTOUR (1ft)
 - EXISTING BUILDING
 - PROPOSED IMPROVEMENTS

Proposed Hydrology Improvements





THE END