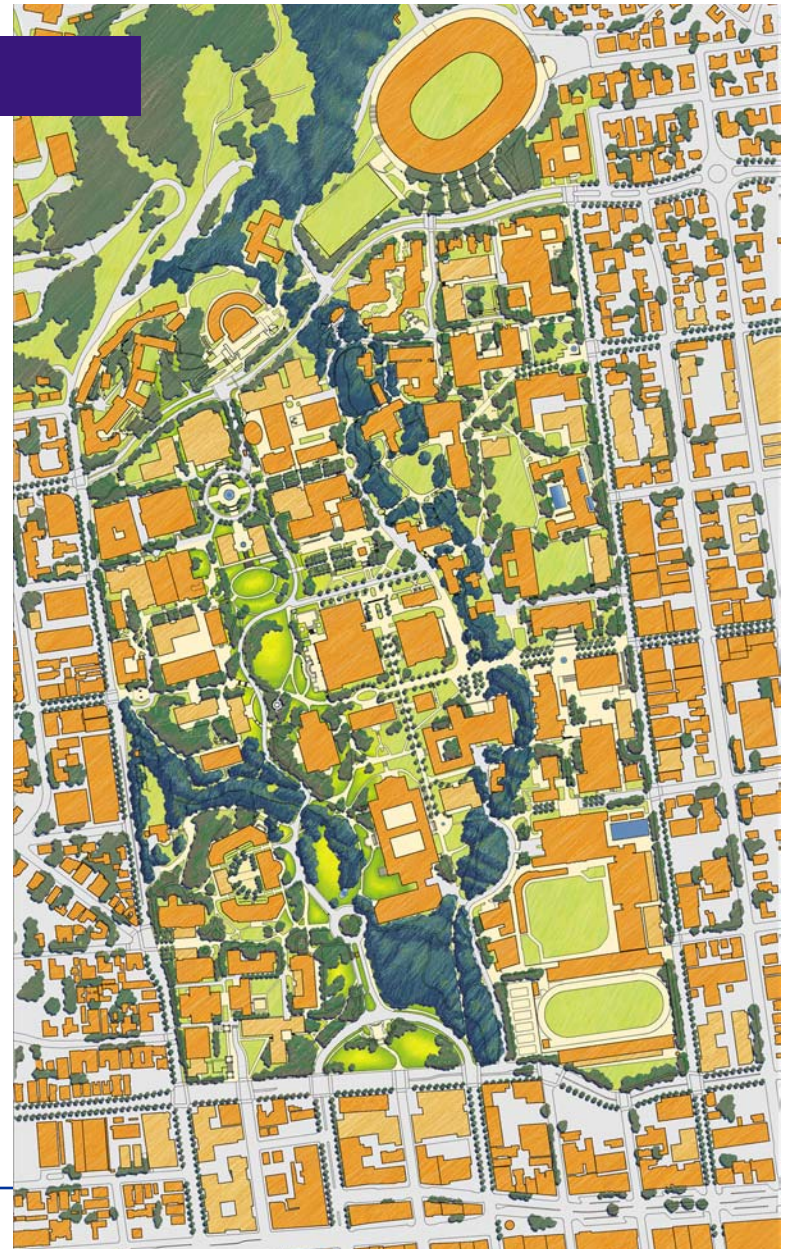


# New Century Plan

## A Strategic Plan for Capital Investment at U C Berkeley

February 2002



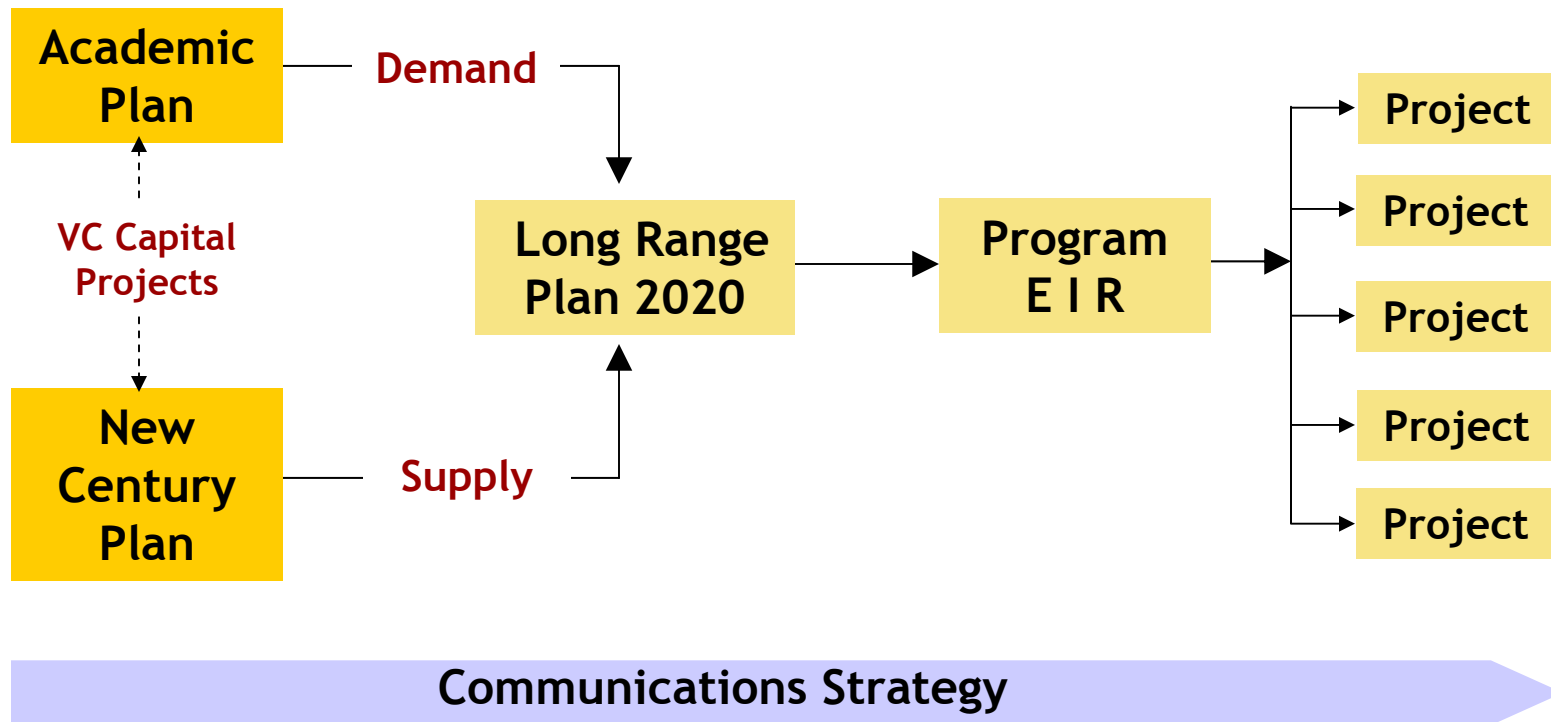
## Drivers of the Plan

- **Life Safety**
  - The \$1 billion investment required to improve the seismic performance of campus buildings is a unique opportunity to upgrade - or replace - those which no longer meet our needs.
- **Condition**
  - Campus buildings are increasingly compromised by their worsening physical condition. The deferred renewal backlog presently stands at over \$500 million, and with each year of inadequate investment, the backlog continues to grow.
- **Capacity**
  - The need to accommodate 4000 more students over the next decade portends substantial new demand for space on an already intensively developed campus.

## Drivers of the Plan

- **Obsolescence**
  - Half of on-campus space is in buildings over 40 years old. Both instruction and research have changed significantly in this period and so have the physical space and infrastructure they require.
- **New Workstyles**
  - The increasingly interdisciplinary nature of both instruction and research has begun to fracture the traditional model of campus organization based on self-contained disciplines.
- **Competition**
  - The need to compete not only with private universities, but also profit-sector companies, has made facilities quality a critical factor in faculty and student retention.
- **Quality of Life**
  - **The campus' visual quality and social amenity is a significant factor in the excellence of UC Berkeley, and must be maintained.**

# New Century Plan and the LRDP



# New Century Plan and the LRDP

## Academic Plan: Demand

- How much should the academic enterprise grow?
- How should this growth be distributed?
- What existing and potential synergies should we foster?
- What new academic initiatives should we anticipate?

## New Century Plan: Supply

- How can the existing inventory be optimized?
- How can growth be accommodated on and around the core campus?
- How can new investment be directed to improve the campus image and the quality of campus life ?

## Long Range Development Plan: Action

- What is the campus' investment program through 2020?

# New Century Plan Elements *Version 01.1*

## Optimizing Resources

- Policies to maximize the value of existing assets and new investments.

## Preserving the Legacy

- Policies and initiatives to ensure the campus' legacy landscapes and architecture are protected and enhanced.

## Renewing the Campus

- Policies and initiatives to ensure new capital investment is leveraged to improve the quality of campus life.

## Concept Portfolio

- Initiatives to create new places of interaction at key locations.

## Approval Process

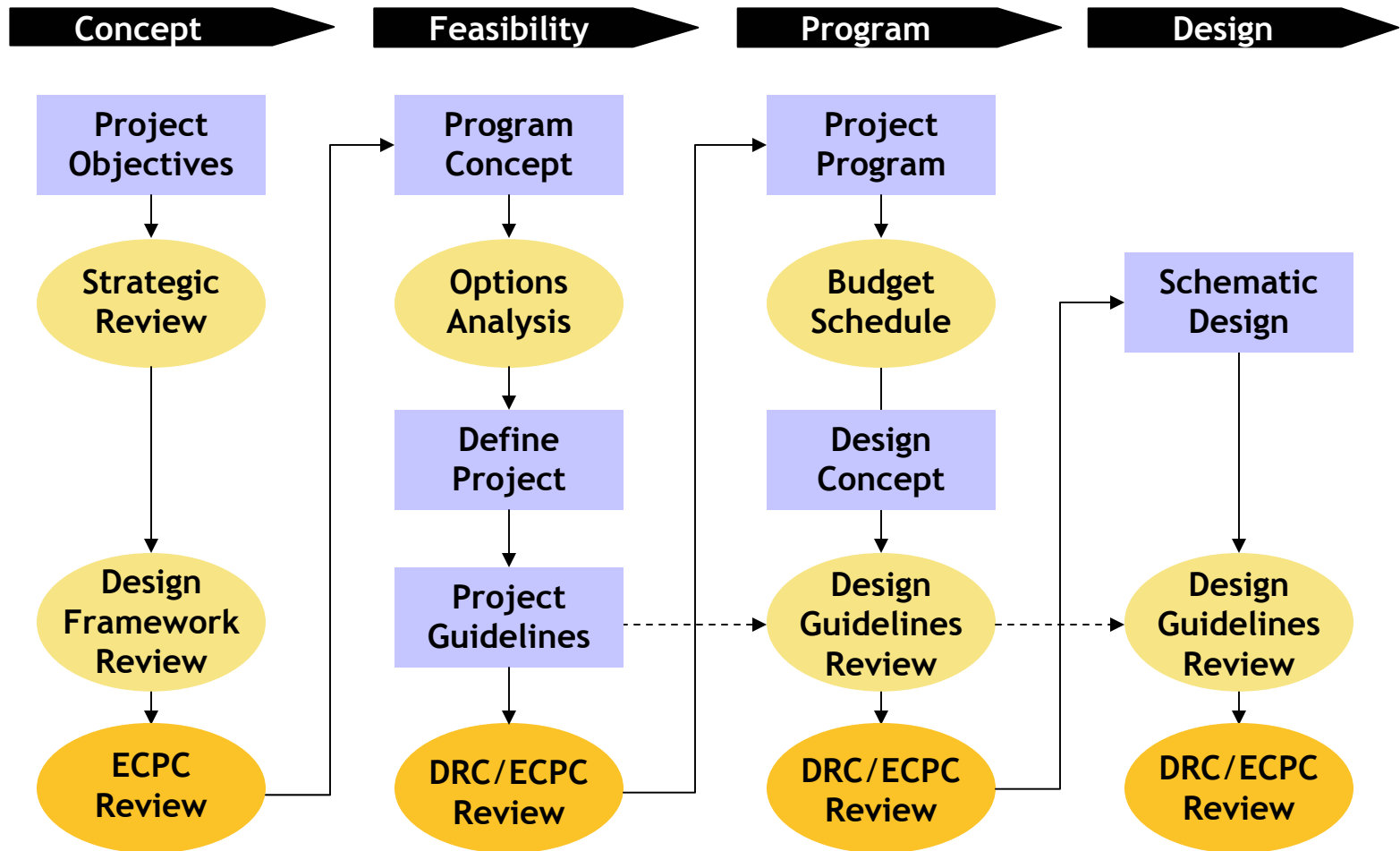
- Guidelines and protocols to ensure each new investment represents the best program and design solution.

# Optimizing Resources

## Strategic Decisionmaking

- Consider a range of solution options for new capital investments:
  - *Retrofit*   - *Renovation*   - *Replacement*   - *Noncapital solutions*
- Make sure we first optimize the use of existing facilities:
  - *Location guidelines*   - *Space utilization guidelines*
- Leverage seismic investments to also improve the quality and performance of the facility inventory.
- Consider delivery options which utilize non-university capital.
- Base repair-replace decisions on defined criteria and life cycle cost.

# Project Approval Process





# Project Approval Process

## Design Guidelines

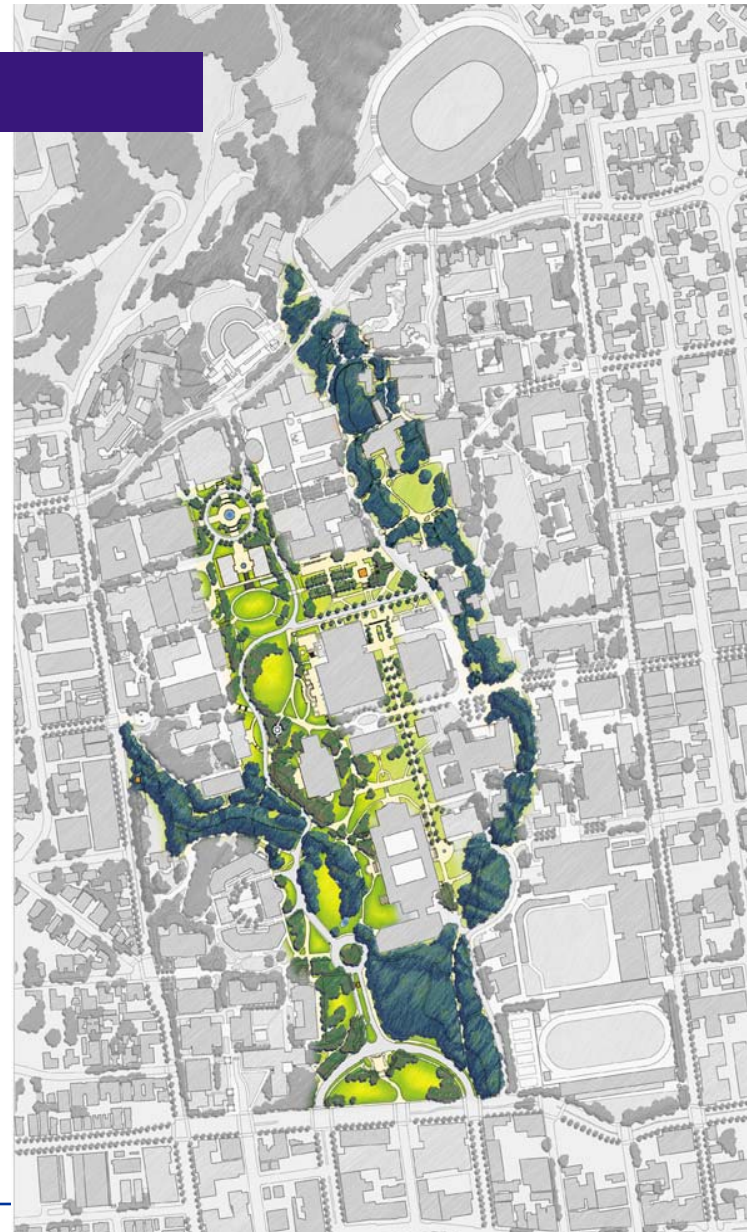
- The New Century Plan prescribes a design framework and guidelines for the campus as a whole.
- More specific guidelines are prescribed for certain areas:
  - *Classical core*   - *Places of interaction*   - *City interface*
- Project design guidelines are prepared for each major new construction and renovation project, to address:
  - *Local site conditions*
  - *Local contextual relationships*

# Preserving the Legacy

## Campus Landscape

- No intrusion into significant natural areas and open spaces.
- Establish an ongoing renewal program for mature landscapes.
- Establish a phased restoration program for Strawberry Creek.
- Retain key vistas to the Bay and to landmark buildings and open spaces.

*The historic campus landscape armature is composed of three complementary elements: Strawberry Creek, the Central Glades, and Campanile Way and Esplanade.*



# Preserving the Legacy

## Campus Open Spaces



*West Oval Glade*



*Faculty Glade*



*Strawberry Creek*



*Memorial Glade*

# Preserving the Legacy

## Campus Views



*Wheeler Hall from Sather Road*



*Golden Gate from Campanile Way*



*Doe Library from North Gate*



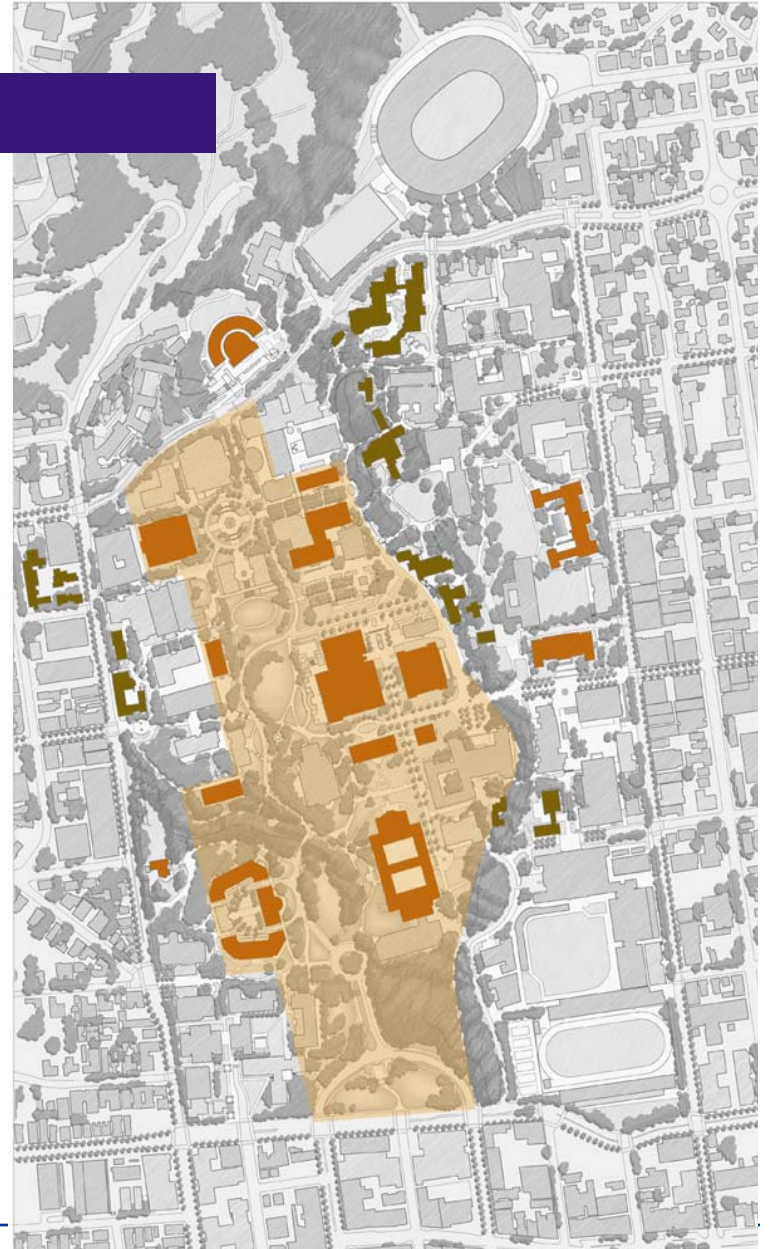
*Sather Gate from Sproul Plaza*

# Preserving the Legacy

## Campus Architecture

- Prescribe and enforce campus-wide design guidelines.
- Prescribe special provisions for:
  - *Classical core*
  - *Places of interaction*
  - *City interface*
- Develop project-specific design guidelines for each major project.

*The campus' historic architecture reflects two traditions: the formal classical core of buildings framing the central glades, and the more informal and diverse picturesque buildings along the creek.*



# Campus Architecture

## Classical Tradition



*Doe Library*



*California Hall*



*Agriculture Complex*



*Hearst Mining Building*

# Campus Architecture

## Classical Tradition



*Modernist vocabulary,  
incompatible materials:  
McCone Hall 1961*



*Classical vocabulary, compatible materials:  
Bancroft Library 1949*



*Modernist vocabulary,  
compatible materials:  
Stanley Hall 2001*

# Campus Architecture

## Picturesque Tradition



*Faculty Club*



*Goldman School of Public Policy*



*North Gate Hall*



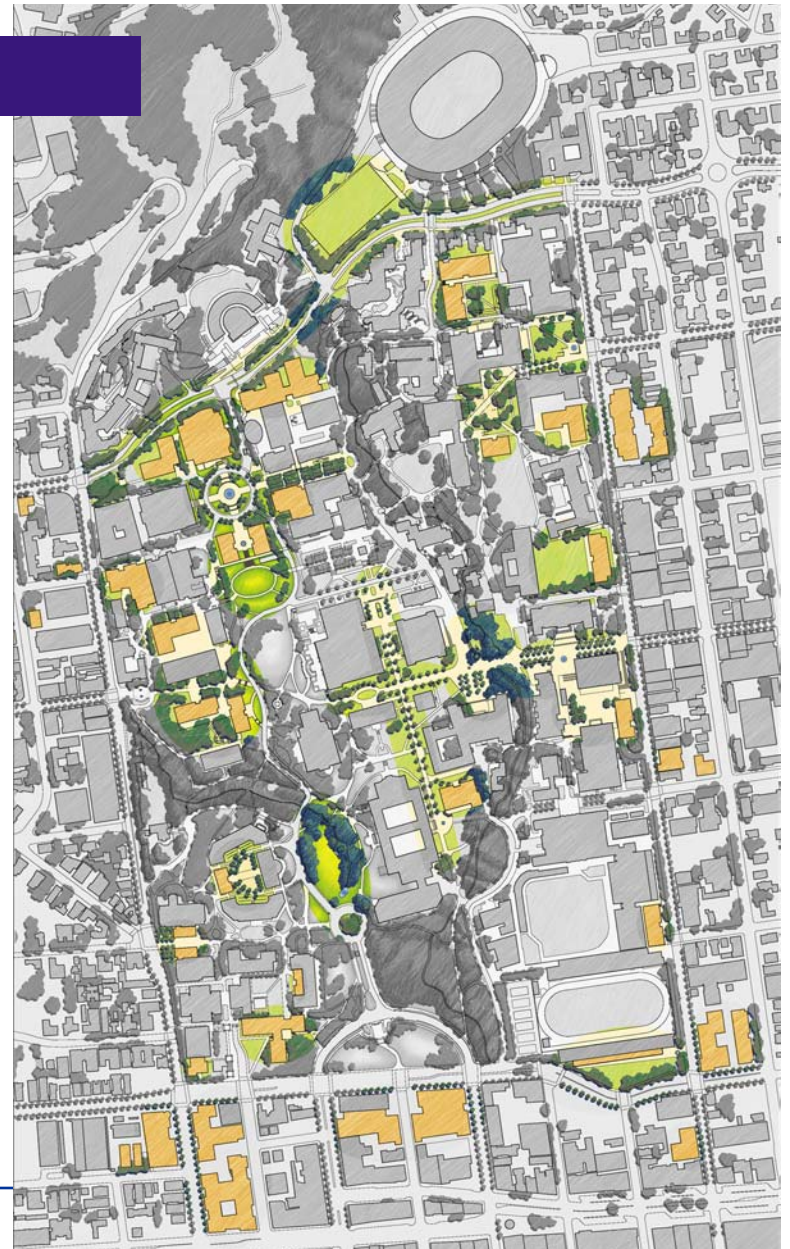
*Haas School of Business*



# Renewing the Campus

## Strategic Growth

- Accommodate growth primarily through more intensive use of university owned land on the core campus and adjacent blocks:
  - *Redevelop underutilized sites with new academic buildings*
  - *Replace, or renovate and enlarge, existing buildings in conjunction with seismic upgrades*
- Integrate new building and adjacent open space investments.

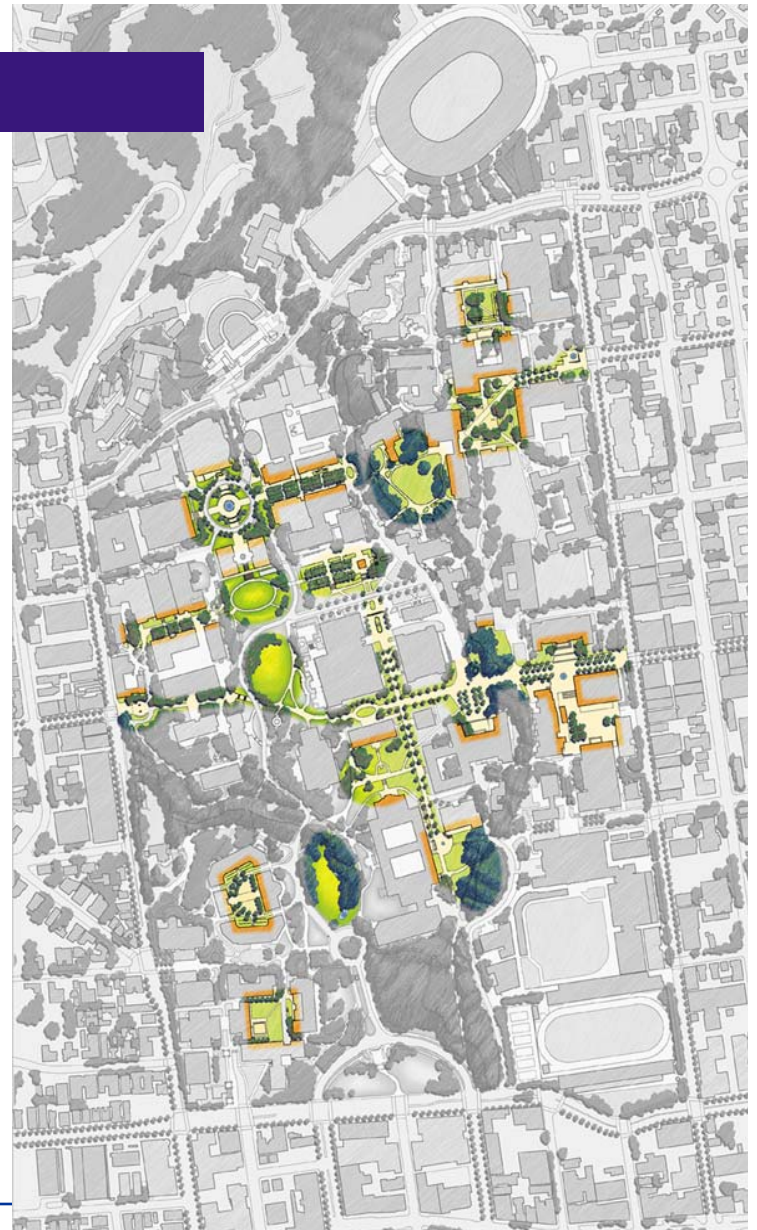


# Renewing the Campus

## Places of Interaction

- Define an investment program to renew key campus open spaces.
- Create/enhance places of interaction at key activity nodes.
- Define an investment program to upgrade major pedestrian routes.
- Redevelop the Sproul complex as a 24 hour center of student life.

*Teaching and research are increasingly team-based and multidisciplinary. Places of interaction are essential to intellectual collaboration and community.*

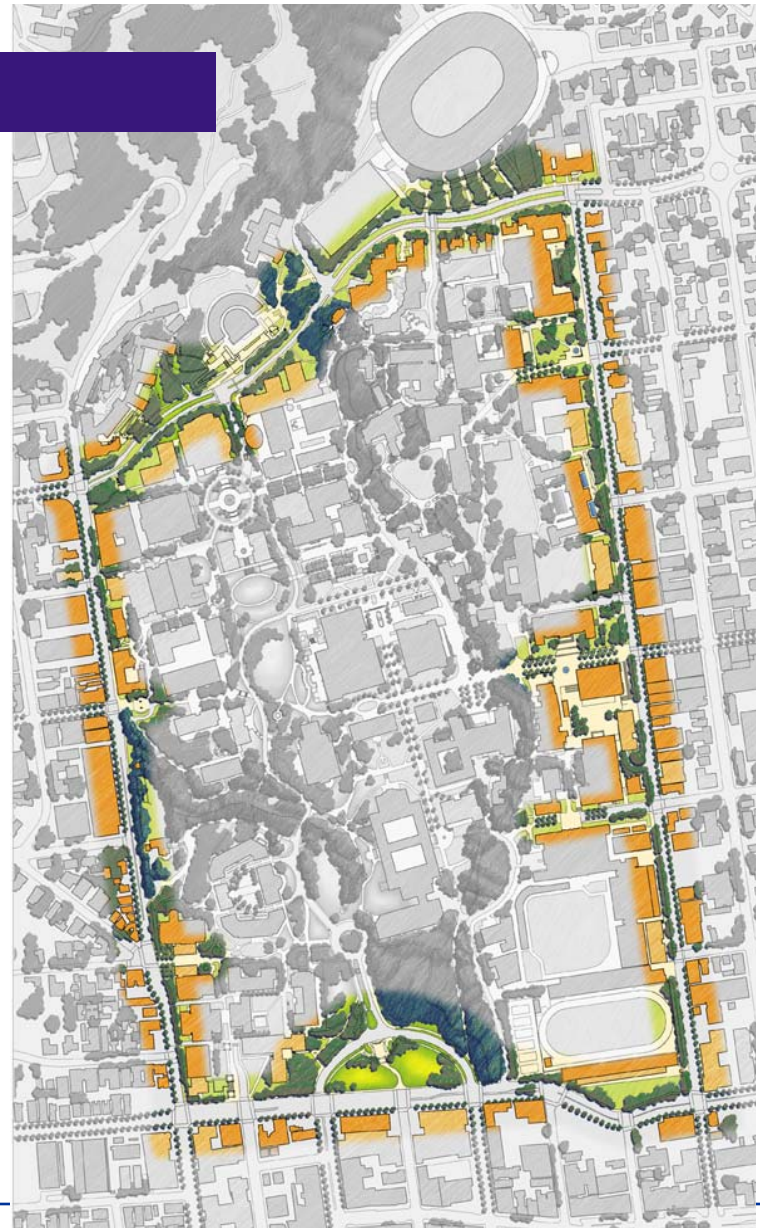


# Renewing the Campus

## City Interface

- Define a program of investments to enhance primary campus gateways.
- Pursue an integrated program of landscape and access improvements at the campus perimeter.
- Create a comprehensive campus wayfinding system.
- Design projects at the city interface to respect community fabric and advance shared campus-city goals.

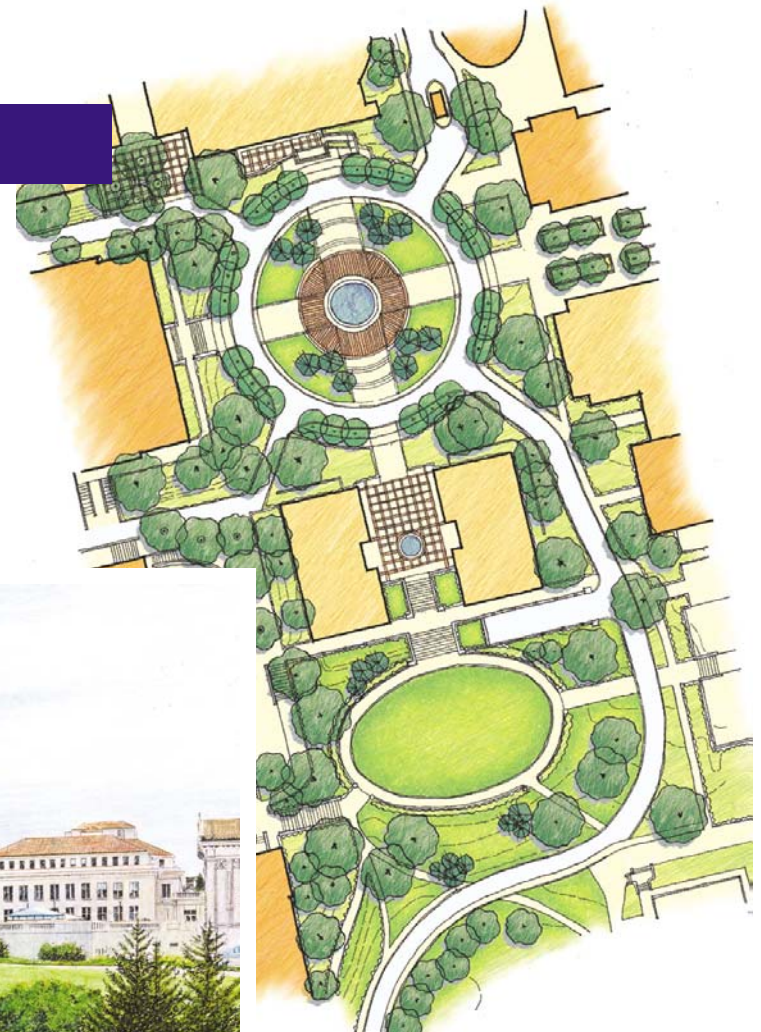
*First images are powerful. Visitors form strong and lasting perceptions based on what they experience as they approach and enter the campus.*



# Concept Portfolio

## Memorial Green

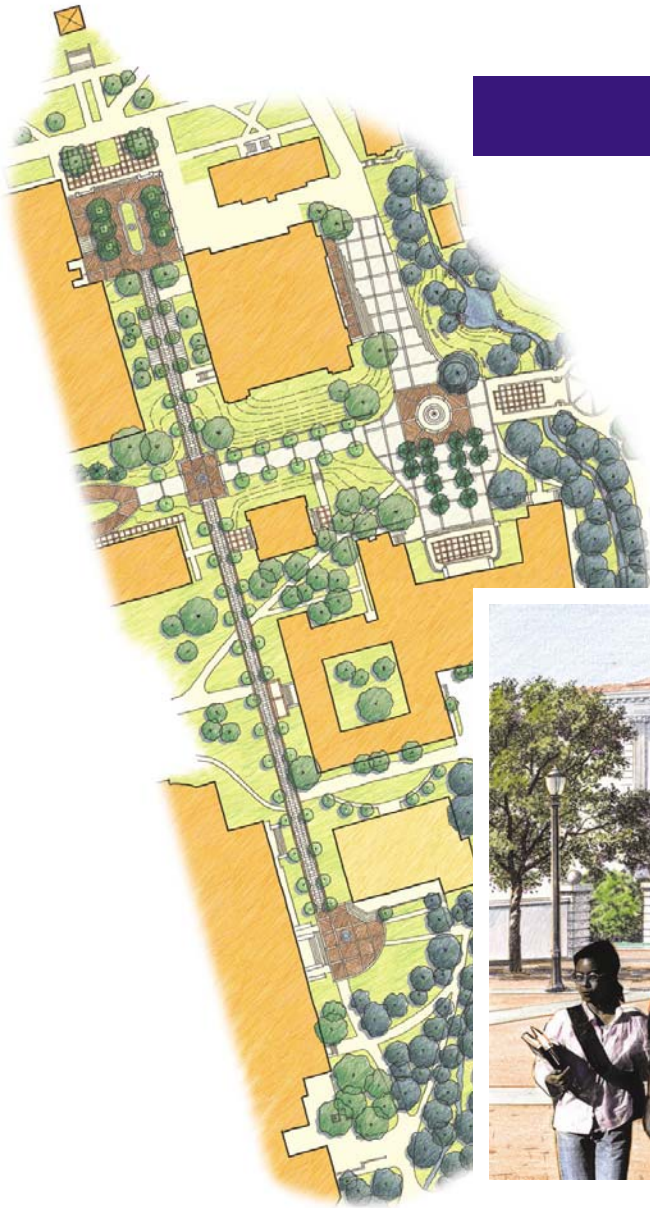
*Evans Hall is replaced with a pair of new pavilions, restoring the view from the Mining Circle out to Memorial Glade and the Bay. A new oval green is completed on axis with the Campanile.*



## Concept Portfolio

### Campanile Way

*Campanile Way is renovated with new paving and lighting, and the formal landscape is restored and enhanced. Vehicles are removed to a service court, and Campanile Way once again becomes a place for pedestrians.*



## Concept Portfolio

### Wheeler Glade

*At Sather Gate, the swaths of asphalt north and south of the creek are reclaimed and transformed into a new riparian glade, providing a green complement to the sunny hardscape of Dwinelle Plaza.*



## Concept Portfolio



### Sproul Plaza

*Sproul Plaza is renovated with new paving, lighting, benches and signage. The café terrace is enlarged, to realize its potential as an active social place at the primary student gateway to campus.*



## Concept Portfolio

### Arts Quad / College Plaza

*At College Plaza, a formal allee of trees frames the entry route to campus, and the fountain is redesigned as the focus of a comfortable and welcoming place to meet.*

*The Arts Quad is redesigned to create an active gathering place for the arts disciplines around it, including spaces suitable for performances and exhibits.*

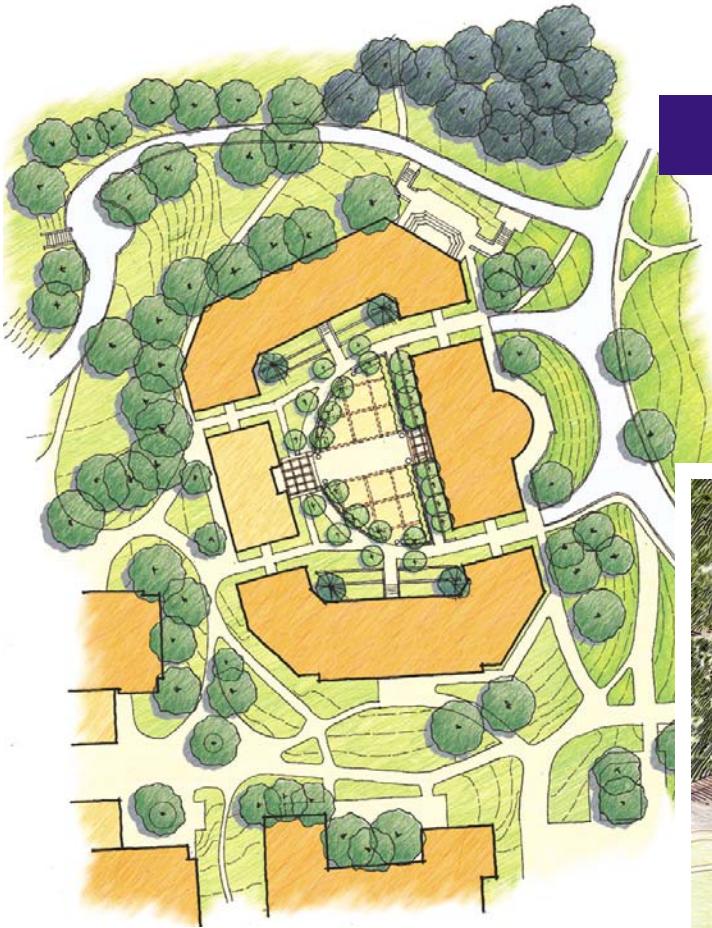




## Concept Portfolio

### Wellman Court

*The trailers are removed, and the courtyard is transformed into a social place and sculpture garden, framed by the magnificent buildings of the Agriculture Complex.*



Questions?