

# Precedent Studies

Rachel Birdsell . ARC 352 . Summer 2014

# James B. Hunt Jr. Library

North Carolina State University

Snohetta

















- 221,000 square feet
- 88 feet tall at highest point
- 5 floors
- Capacity: 1,700 students
- 31% of materials are from recycled content
  - Extensive use of solar energy and natural lighting
  - Solar water heater, low-flow fixtures, partial green roof
- 2013 winner of AIA/ALA Library Building Award

# Charles E. Young Library

UCLA

Perkins + Will

























- Open to the public
- 2 lounge spaces and a café on the first floor
- Offers research help for the public
- Department of Special Collections
  - Rare books, manuscripts, other materials
- Exhibit Program
  - 2 Exhibit spaces: one in the lobby gallery, another in the east exhibit case
- Seeking LEED certification of silver or higher

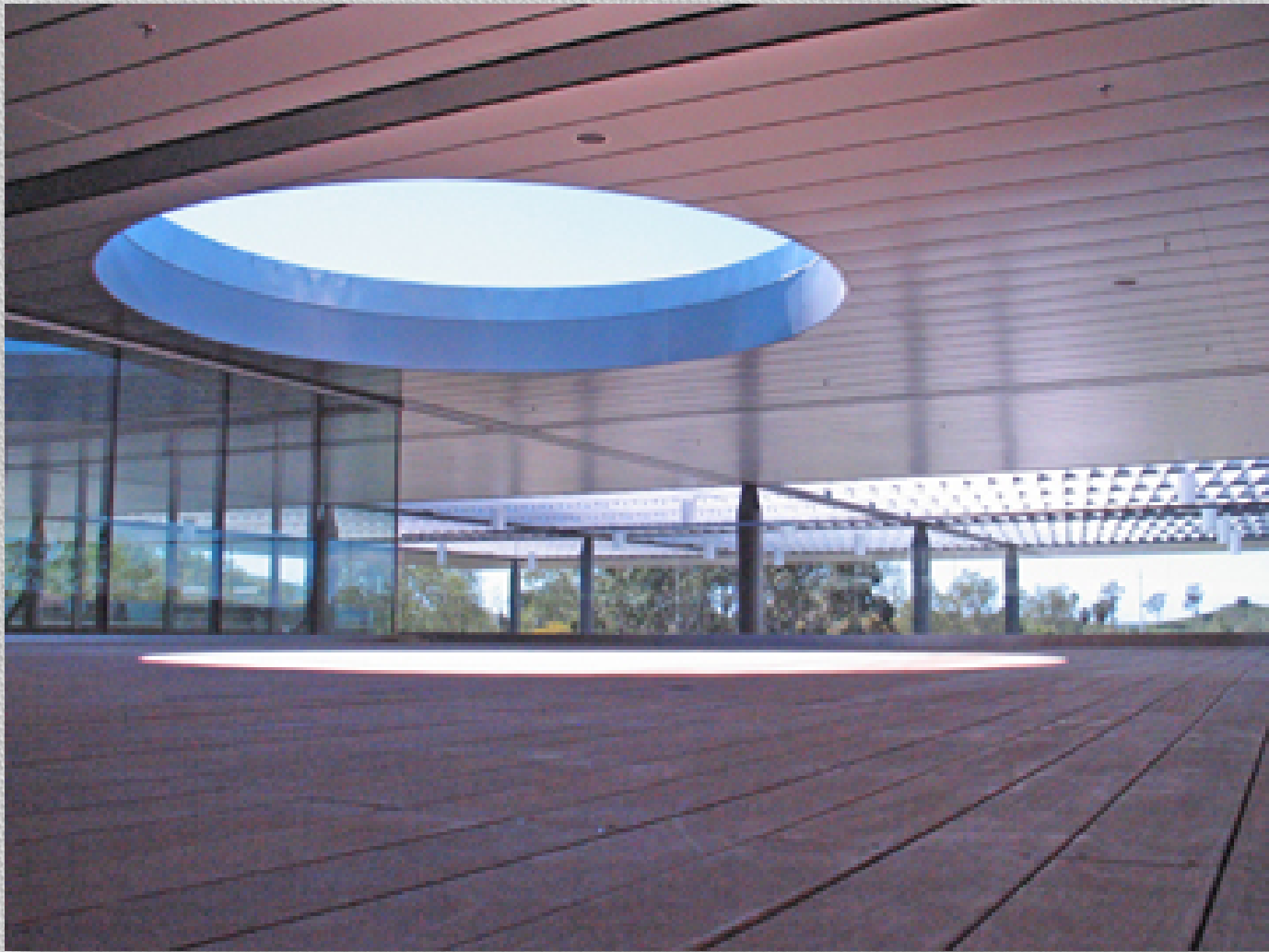
# John Spoor Broome Library

California State University, Channel Islands

Gruen Associates, LA

















pixemap.com















- 137,000 square feet
- 2 main floors and a 3<sup>rd</sup> floor outdoor study area
- 7,000 cubic yards of concrete
- 300 tons of structural steel
- 40,000 square feet of glass
- Housed in the former California State Mental Hospital
- Surrounding buildings are Spanish Colonial and Mission Revival style
- 2 separate structures: the building itself, and the canopy above
- “Outdoor” reading room has a thermally insulated glass canopy
- Book stacks can be seen from any vantage point

# Hebei University of Technology Library

Beicheng, China

Damian Donze











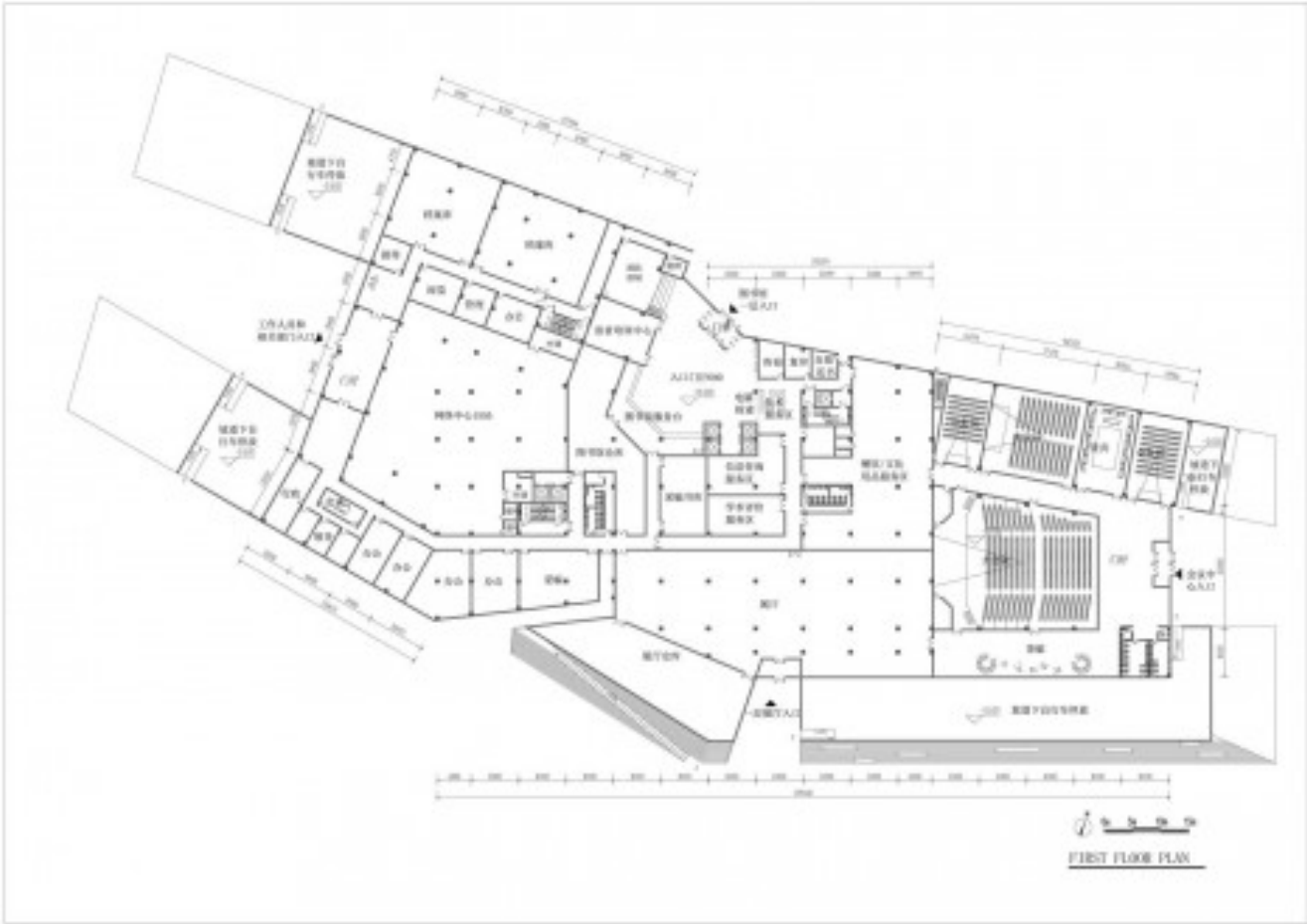


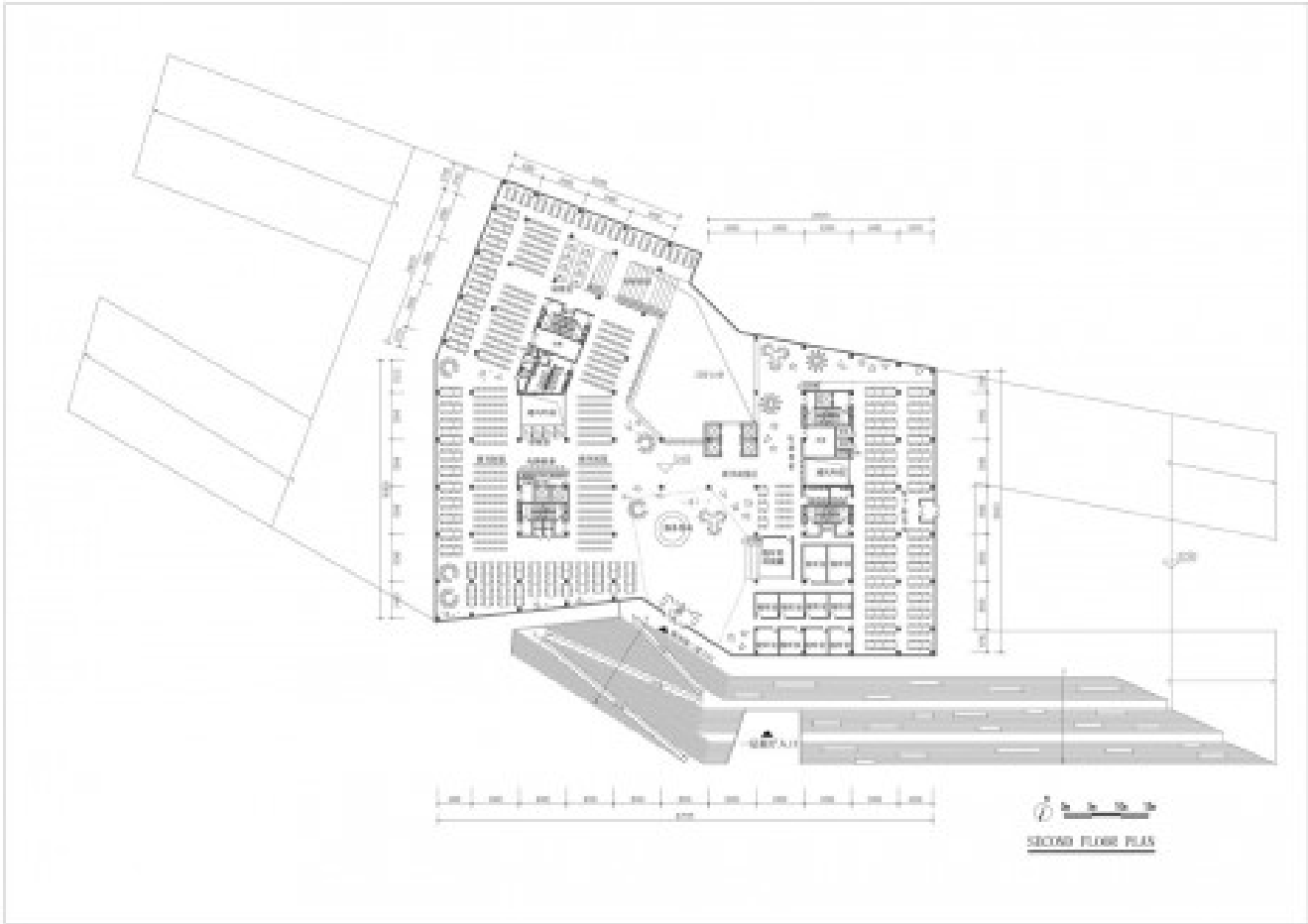




<b>Building Facts:</b>	
Site Area	407030m <sup>2</sup>
Total Area	467290m <sup>2</sup>
Footprint	157510m <sup>2</sup>
Above Ground	437365m <sup>2</sup>
Under Ground	47925m <sup>2</sup>
Total Height	40m
Floors	8
Car Parking	99
Bicycle Parking	800
Book Space	2400000
Seats	47500











FOURTH FLOOR PLAN





- 523,500 square feet
- 130 feet tall
- 8 floors
- Capacity: 4,500 students
- Concrete column and beam construction
- Natural lighting through an atrium (floors 2-5) and clerestories
  - Standard windows on the façade for energy efficiency
- Exterior façade influenced by ying and yang
- Façade materials selected with respect to surrounding buildings
  - Buildings to the north are mostly brick
    - Northern façade is terracotta, similar earthy material
  - Buildings to the south are plain colored
    - Southern façade is pale natural stone
  - Connection of north/south, old/new

# San Jose Public Library – Seventrees Branch

San Jose, California

Rob Wellington Quigley





3590

SEVEN  
TREES

COMMUNITY CENTER  
& BRANCH LIBRARY



- 38,000 square feet
- Part of the Public Library System of San Jose
- Serves total population of 1,023,083 through 23 locations
- Seventrees branch is an addition to the existing community center in the area
- Holds community events
- Seventrees park outside the community center