Modern Architecture
AHST 3320-501
26372
Dr. Charissa N. Terranova
University of Texas at Dallas
Spring 2013
Wednesday 7:00-9:45
JO 4.122

01/30/2013

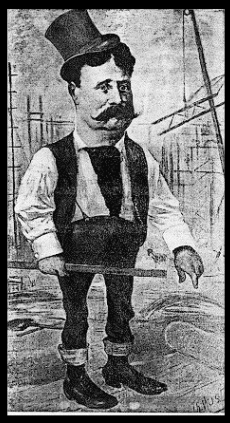
Chicago's Columbian Exposition 1893/Chicago Loop and Skyscraper

Recapping Joseph Paxton Lecture

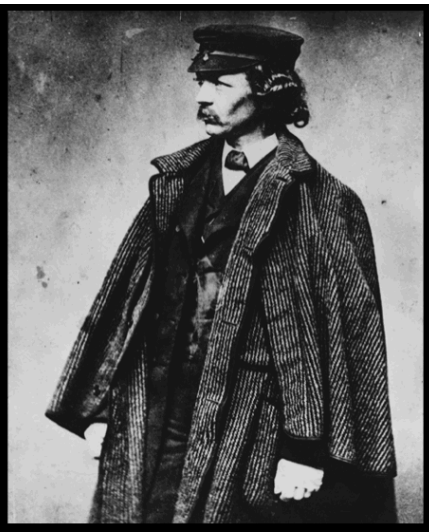
Crystal Palace burning 1936

- 1893 Chicago, World's Columbian Exposition, designed by Daniel Burnham and Frederick Law Olmsted
- City Beautiful Movement
- Development of Chicago loop c. 1875

Court of Honor, Columbian Exposition, Chicago, 1893

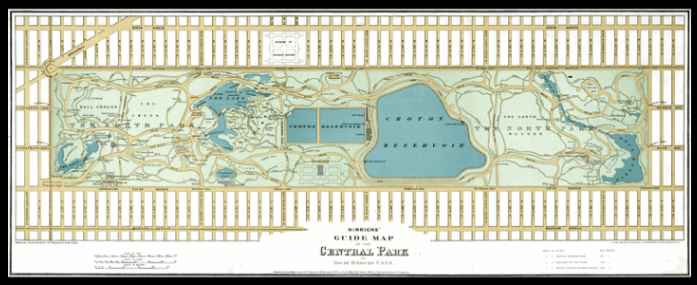


Daniel Burnham (1846-1912)

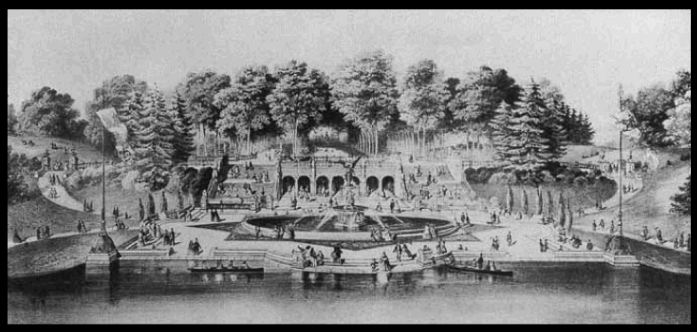


Frederick Law Olmsted
(1822-1903)

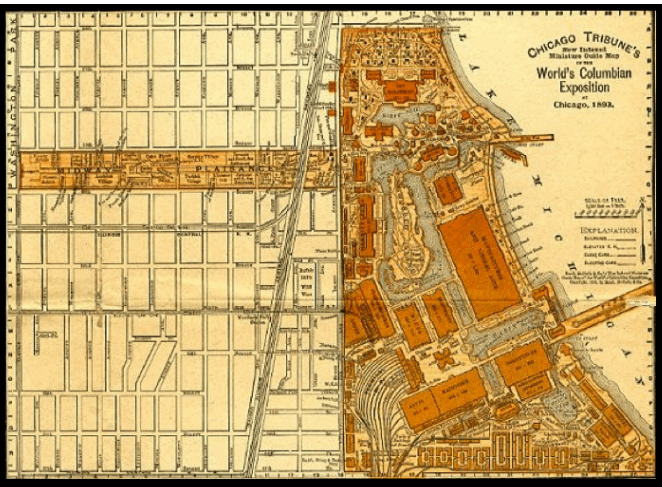
Frederick Law Olmsted and Calvert Vaux, Central Park, New York, 1857-73



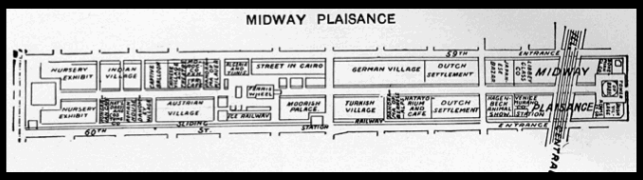
Olmsted and Vaux, Greensward Plan, 1857



The Water Terrace

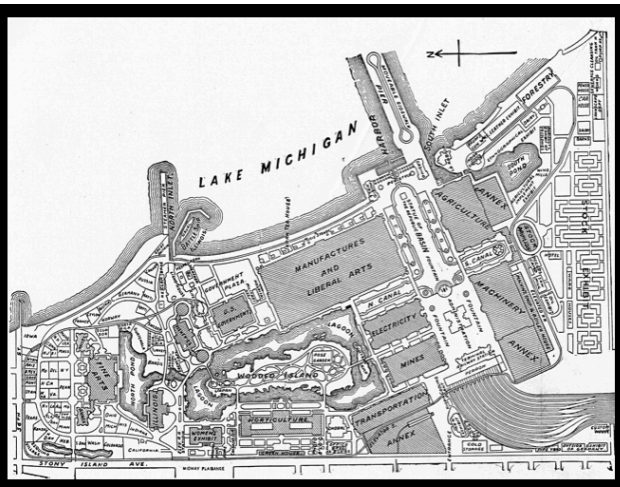


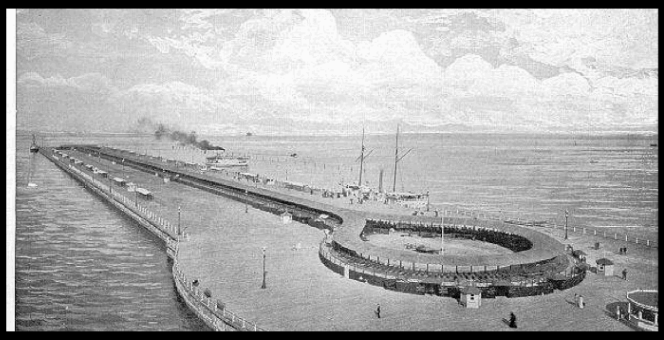
Daniel Burnham, Master Plan of Columbian Exposition, 1893

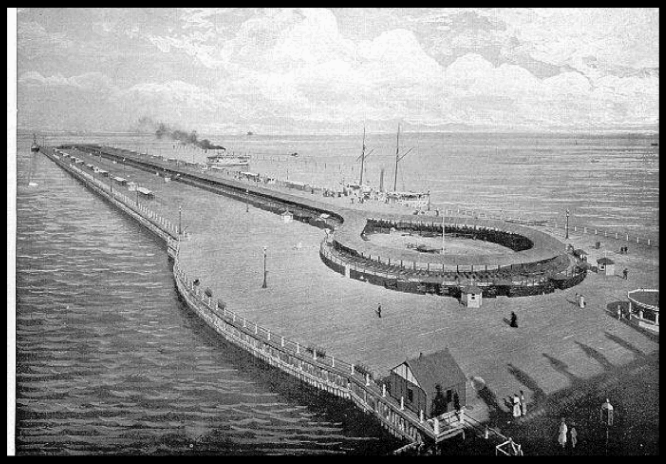


Olmsted, Midway Plaisance, 1893

Daniel Burnham and Charles F. McKim, View of Lagoon of Columbian Exposition, 1893


LAKE MICHIGAN
N
MANUFACTURES AND LIBERAL ARTS
AGRICULTURE
ANNEX
MACHINERY
ANNEX
ELECTRICITY
MINES
TRANSPORTATION
ANNEX
HORTICULTURE
WOODED ISLAND
FISHERIES
FORESTRY
STONY ISLAND AVE.





George W. Ferris, Ferris Wheel

George W. Ferris, Ferris Wheel

CIGARS

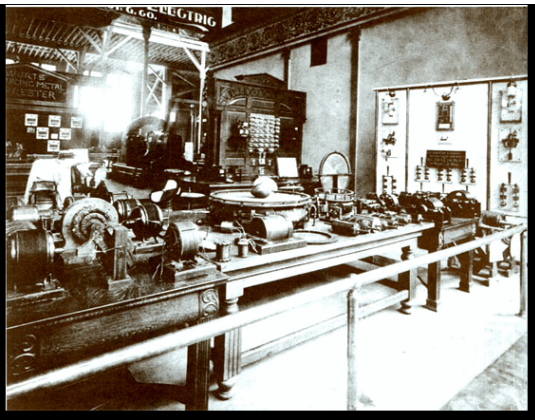
Charles B. Atwood, Palace of the Fine Arts, 1893

Museum of Science and Industry, Chicago

Richard Morris Hunt, Administration Building, 1893

Van Brunt and Howe, **The Electricity Building**

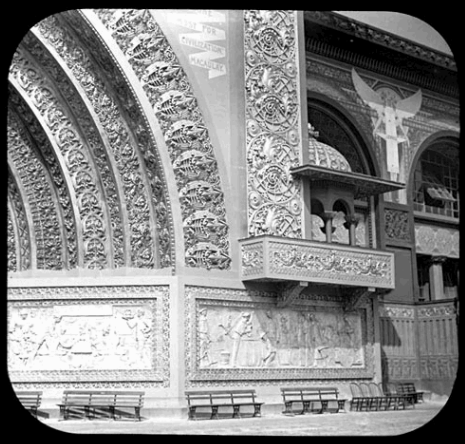
Search Lights in the Electricity Building



Nikola Tesla's personal exhibit;Westinghouse used Tesla's system to light the World's Columbian Exposition at Chicago in 1893.

GRAY'S
TELAUTOGRAPH

Adler & Sullivan, Transportation Building, 1893

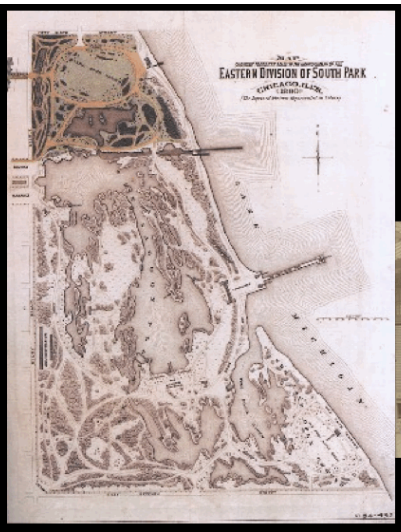


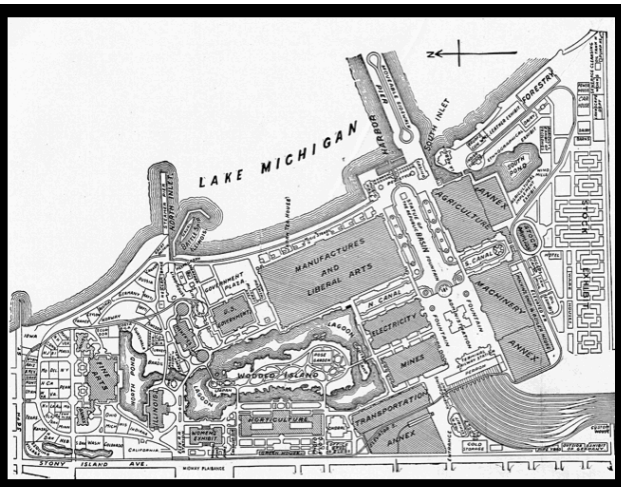
CUNARD LINE

Sophia Hayden Bennett, Women's Building, 1993

Sophia Hayden Bennett 1868-1953

Frederick Law Olmsted, Ho-o-den (Phoenix Temple)


EASTERN DIVISION OF SOUTH PARK


LAKE MICHIGAN
HARBOR
SOUTH INLET
FORESTRY
SOUTH POND
ANNEX
AGRICULTURE
STOCK
MANUFACTURES AND LIBERAL ARTS
N. CANAL
S. CANAL
MACHINERY
ANNEX
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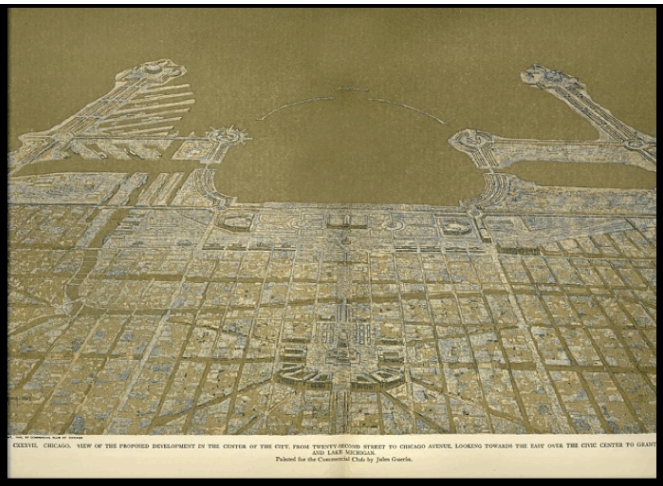
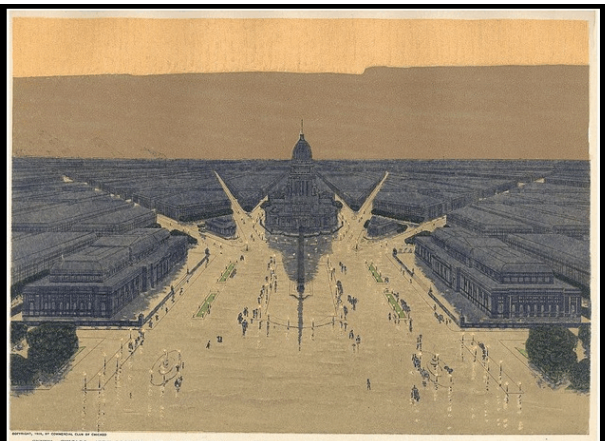
MINES
LAGOON
WOODED ISLAND
HORTICULTURE
TRANSPORTATION
ANNEX
NORTH POND
ILLINOIS
CALIFORNIA
STONY ISLAND AVE.
MOHAWK PLAINSIDE

The Columbian Exposition
and the
Rise of the City Beautiful Movement

Court of Honor, Columbian Exposition, Chicago, 1893



Centralized Chicago, painted by Jules Guerin, conceptualized by Daniel Burnham, 1909



CXXXII. CHICAGO. VIEW, LOOKING WEST, OF THE PROPOSED CIVIC CENTER PLAZA AND BUILDINGS, SHOWING IT AS THE CENTER OF THE SYSTEM OF ARTERIES OF CIRCULATION AND OF THE SURROUNDING COUNTRY.
Painted for the Commercial Club by Jules Guerin.

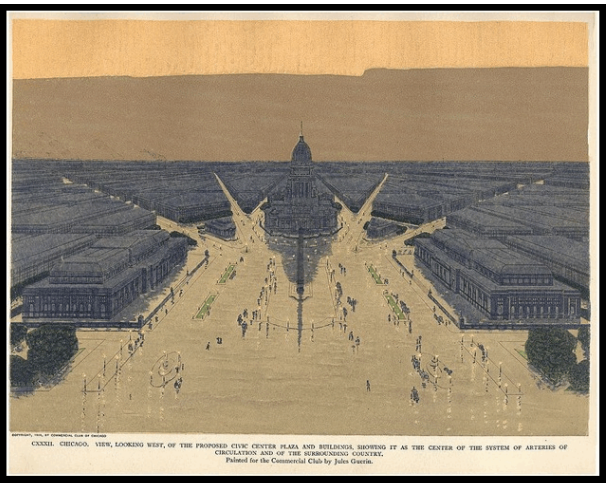
CXII. CHICAGO. PROPOSED BOULEVARD TO CONNECT THE NORTH AND SOUTH SIDES OF THE RIVER; VIEW LOOKING NORTH FROM WASHINGTON STREET.

The boulevard is raised to allow free flow of east-and-west running traffic under it, and both Michigan Avenue and Rush Street Court are raised to the boulevard level. The raised portion throughout its entire length, from Randolph Street to Indiana Street, extends from building line to building line. It is approached from the cross streets by inclined roadways or ramps. These may be changed in the near [illegible] or omitted.

Painted for the Commercial Club by Jules Guerin.

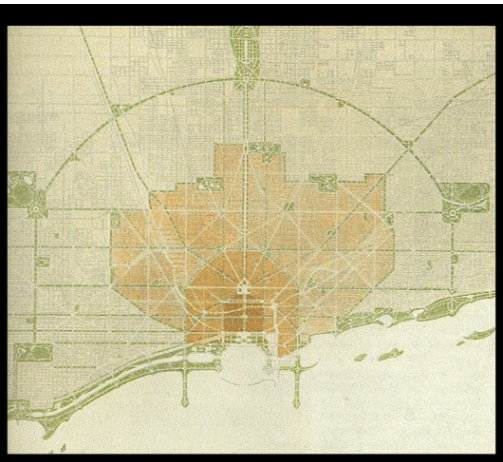
Boulevard System, painted by Jules Guerin, conceptualized by Daniel Burnham, 1909

Chicago Loop Exits
Washington Blvd
Monroe St
Jackson Blvd

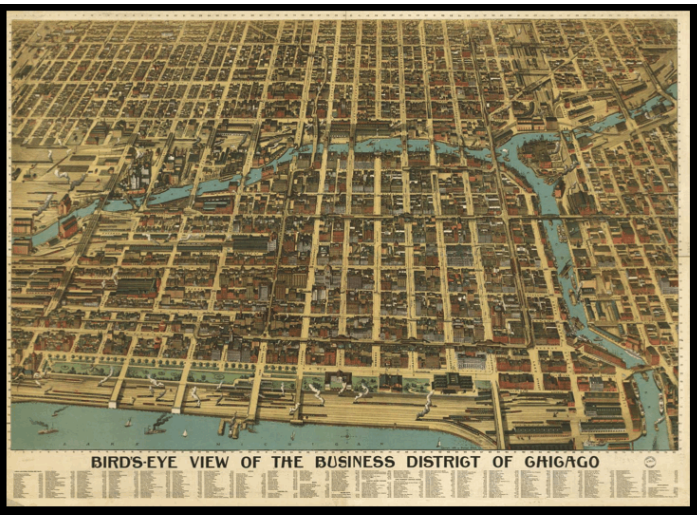


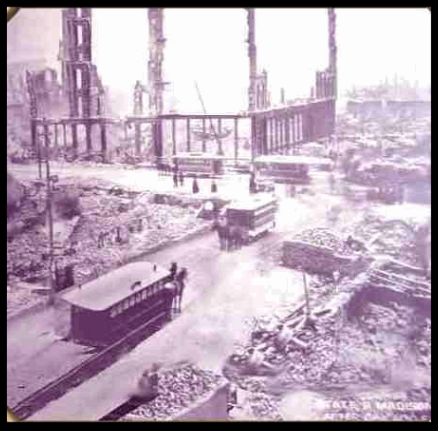
CXXIII. CHICAGO. VIEW, LOOKING WEST, OF THE PROPOSED CIVIC CENTER PLAZA AND BUILDINGS, SHOWING IT AS THE CENTER OF THE SYSTEM OF ARTERIES OF CIRCULATION AND OF THE SURROUNDING COUNTRY.
Painted for the Commercial Club by Jules Guerin.

Civic Center and Plaza, painted by Jules Guerin, conceptualized by Daniel Burnham, 1909



Daniel Burnham, Plan for Chicago, 1909

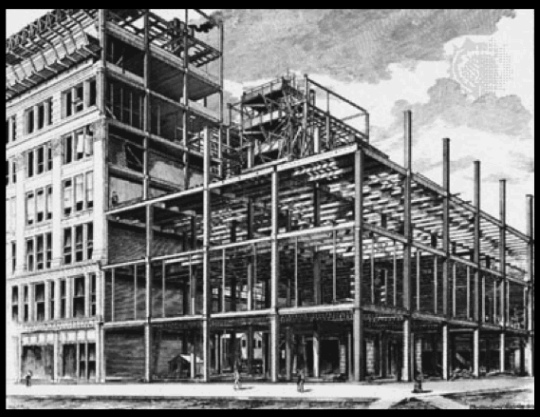

BIRDS-EYE VIEW OF THE BUSINESS DISTRICT OF CHICAGO

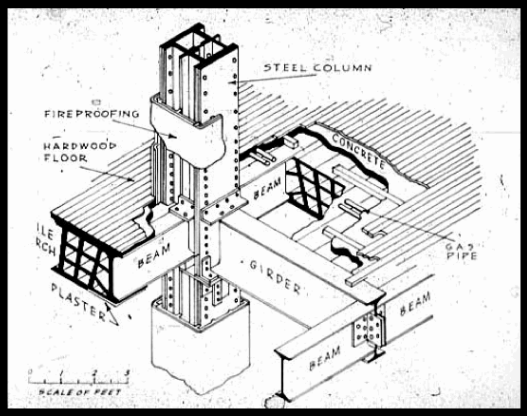


Aftermath of Great Chicago Fire, 1871

William le Baron Jenney, Home Insurance Building, Chicago, 1885

William le Baron Jenney, Fair Store, 1890-91

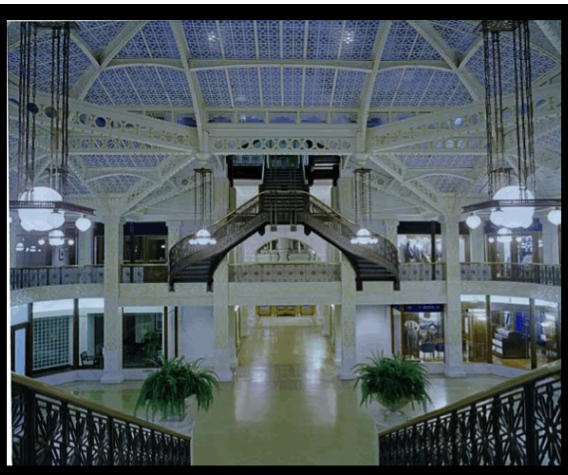



STEEL COLUMN
FIREPROOFING
HARDWOOD FLOOR
CONCRETE
BEAM
BEAM
GIRDER
GAS PIPE
PLASTER
BEAM
BEAM
SCALE OF FEET

William le Baron Jenney, Second Leiter Building, 1890

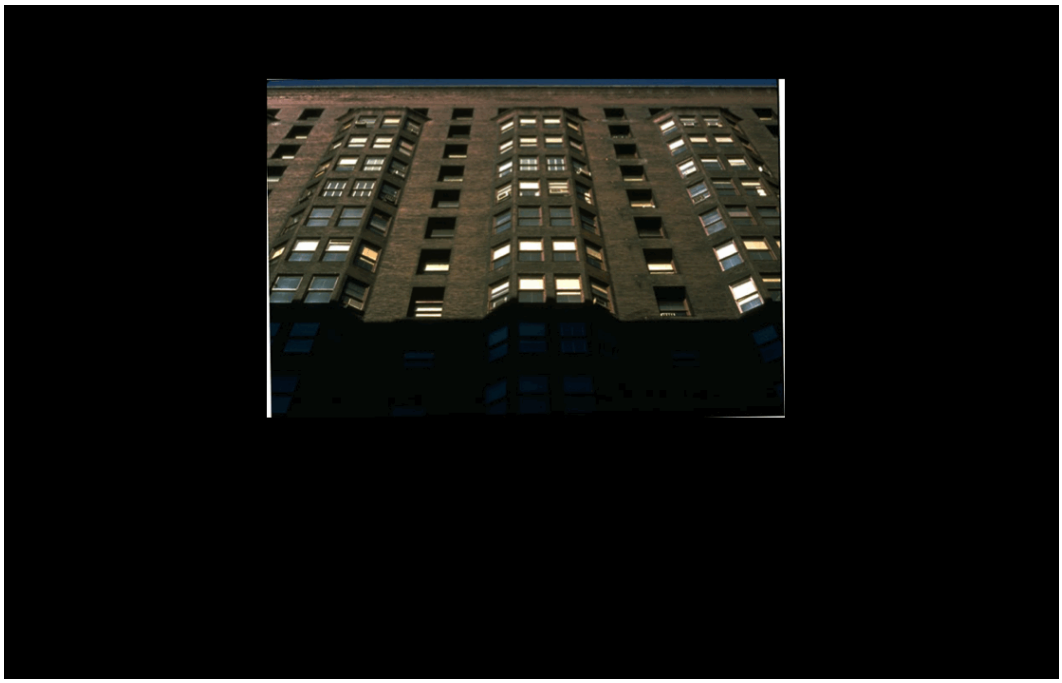
Second Leiter Building

Burnham & Root, Rookery, 1886

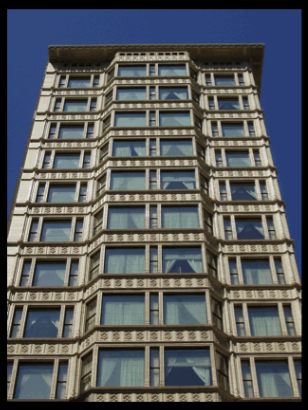


Frank Lloyd Wright, Remodeled Lobby of Rookery, 1905

Burnham & Root, Monadnock, 1891

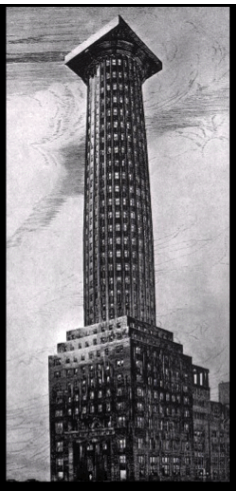


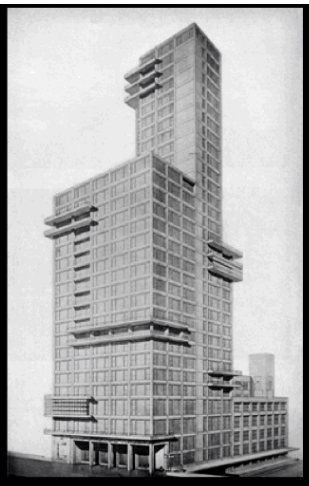
Burnham & Root, Reliance Building, 1890-95



Louis Sullivan, Carson, Pirie, Scott & Co.,
1899-1904

Sunrise
Sunrise

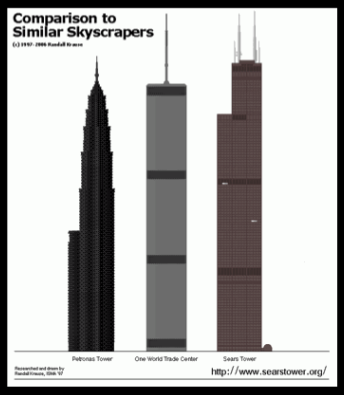




Adolf Loos, Tribune Tower Competition, 1922 Walter Gropius, Tribune Tower Competition,

Raymond Hood and John M. Howells,
Tribune Tower, 1924

Skidmore, Owings and Merrill, Fazlur Kahn and Bruce Graham, Willis Tower, formerly named Sears Tower, 1973



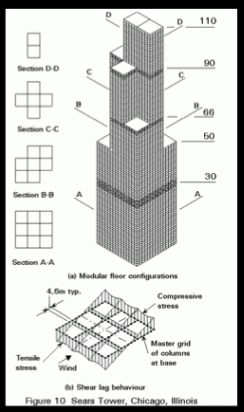


Figure 10 Sears Tower, Chicago, Illinois