

Paul Rudolph, Callahan Residence, Birmingham, Alabama 1965

AHST 3322-001 (27125)

History of Modern Architecture

Dr. Charissa N. Terranova

University of Texas at Dallas

Spring 2019

Tu-Th 2:30-3:45

AD 2.232

Office Hours: By appointment

Office Location: ATC 2.704

Contact: terranova@utdallas.edu

Description:

This course is a survey of modern and postmodern architecture 1851 to the present. It focuses on the events and objects of architectural modernism and postmodernism unfolding around the evolution of industry, technology, and the socio-political realm.

Goals and Outcomes:

- Define and understand the terms modernity, modernization, modernism, and postmodernism
- Identify the salient characteristics of modern and postmodern architecture
- Gain knowledge of the history and theory of modern and postmodern architecture
- Improve public speaking skills
- Improve research skills
- Improve expository writing skills

Requirements:

Students are required to attend every class, complete all assignments (reading, writing, and exams), and participate with candor, verve, and commitment in class. Students are allowed one unexcused absence after which each absence will result in the lowering of the final grade by one full letter. Students with illnesses that require extended periods of absence are encouraged to officially withdraw from the class.

Requirements:

Students are required to attend every class, complete all assignments (reading, note-taking, and exams), and participate with candor, verve, and commitment in class. Students are allowed one unexcused absence after which each absence will result in the lowering of the final grade by one full letter. Students with illnesses that require extended periods of absence are encouraged to officially withdraw from the class.

Textbooks:

- Kenneth Frampton. *Modern Architecture: A Critical History*. New York: Thames & Hudson, 2007. Fourth Edition.

On-line Readings/DOCUTEK:

The on-line readings are available to registered UTD students through the following link and password:

URL/On-line Address: <http://utdallas.docutek.com/eres/coursepage.aspx?cid=2382>

Password: industry

On-line PowerPoint Presentations:

www.charissaterranova.com

Notebooks:

Students are required to keep a notebook that records attendance and the notes you have taken based on lectures, in-class discussions, and/or films. Each entry should be dated and titled. The title should come from the professor's lecture title and/or the syllabus. Students are encouraged to use bullet points and titles of works of architecture from presentations to organize notes. Notebooks must be neatly handwritten and bound in a notebook. The notebook may be spiral, three-ring, etc. Students submit notebooks for a grade at the midterm on Thursday March 14, 2019 and at the final exam on Thursday May 2.

Exams:

The mid-term exam is Thursday March 14 and the final exam is Thursday May 2. Each will require students to identify 20 slides and answer short essay questions. There will be a review sheet disseminated at least two weeks prior to each exam. All slide lectures are located at www.charissaterranova.com.

NOTE ON DATES: There are absolutely no make-up exams for people who miss the exam. I do not accept late notebooks.

Grades:

Notebooks	40%
Mid-Term Exam	20%
Final Exam	<u>20%</u>
TOTAL	100%

Classroom Behavior:

No laptops or smart devices are allowed once the lecture has begun.

Discussion is encouraged. Please raise your hand to ask questions or make comments.

Standard UTD policies regarding classroom behavior, religious holidays, withdrawals, etc.:

<http://www.utdallas.edu/deanofstudents/conductguidelines.html>

<http://provost.utdallas.edu/>

<http://www.charissaterranova.com/syllabi/utd-policies.htm>

Schedule:

Tuesday January 15 – Thursday January 17

Topic: Modernity, Modernization, Modernism and Historicist Architecture

Reading: Frampton, 12-39

Tuesday January 22 – Thursday January 24

Topic: News from Nowhere, the Crystal Palace, and John Ruskin

Reading: Frampton 42-56

Tuesday January 29 – Thursday January 31

Topic: Chicago's Columbian Exposition 1893/Chicago Loop and Skyscraper

Reading: Frampton 52-62

Tuesday February 5 – Thursday February 7

Topic: Frank Lloyd Wright and the Myth of the Prairie

Reading: Frampton 57-63

Tuesday February 12

Topic: Modernism – The Organic and Moving

Reading: Frampton 64-73

Tuesday February 14 Film

Topic: *The Rise and Fall of Penn Station* (2014)

Tuesday February 19 – Thursday February 21

Topic: Modernism – Functionalism and the Right Angle

Reading: Frampton 109-41

Tuesday February 26 – Thursday February 28

Topic: De Stijl, Le Corbusier, and the Esprit Nouveau; Mies and the Significance of Fact

Reading: Frampton 142-160

Distribution of Mid-Term Exam Review

Tuesday March 5- Thursday March 7

Topic: Soviet Architecture and the International Style in the United States

Reading: Frampton, 167-176; 248-261

Tuesday March 12

Topic: Urbanisms and Late Architecture of Frank Lloyd Wright and Le Corbusier

Reading: Frampton 178-184, 186-190

Thursday March 14

Mid-Term Exam

Notebooks Due

Tuesday March 19– Thursday March 21

Spring Break: No Class

Tuesday March 26 – Thursday March 28

Topic: Team X, New Brutalism, and Pop Architecture I

Reading: Frampton 262-285

Tuesday April 2 – Thursday April 4

Topic: Postmodernism – The Whites versus the Grays and Pop Architecture II

Reading: Frampton 305-313

Tuesday April 9 – Thursday April 11

Topic: Critical Regionalism

Reading: Frampton 315-327

In-Class Documentary: *Citizen Architect* (1910), a documentary on Samuel Mockbee

Tuesday April 16 – Thursday April 18

Topic: The Bilbao Effect

Charles Jencks, “The Bilbao Effect,” *The Story of Post-Modernism: Five Decades of the Ironic, Iconic and Critical in Architecture* (London: Wiley, 2011). [DOCUTEK](#)

Distribution of Final Exam Review

Tuesday April 23—Thursday April 25

Topic: An Architectural and Urban History of Downtown Dallas

Reading: Charissa Terranova, “Ultramodern Underground Dallas: Vincent Ponte's Pedestrian-way as Systematic Solution to the Declining Downtown,” *Urban History Review*. Vol. XXXVII, No. 2 (Spring 2009) 18-29. [DOCUTEK](#)

Thursday April 30

Final Exam Review

Thursday May 2

Final Exam

Notebooks Due

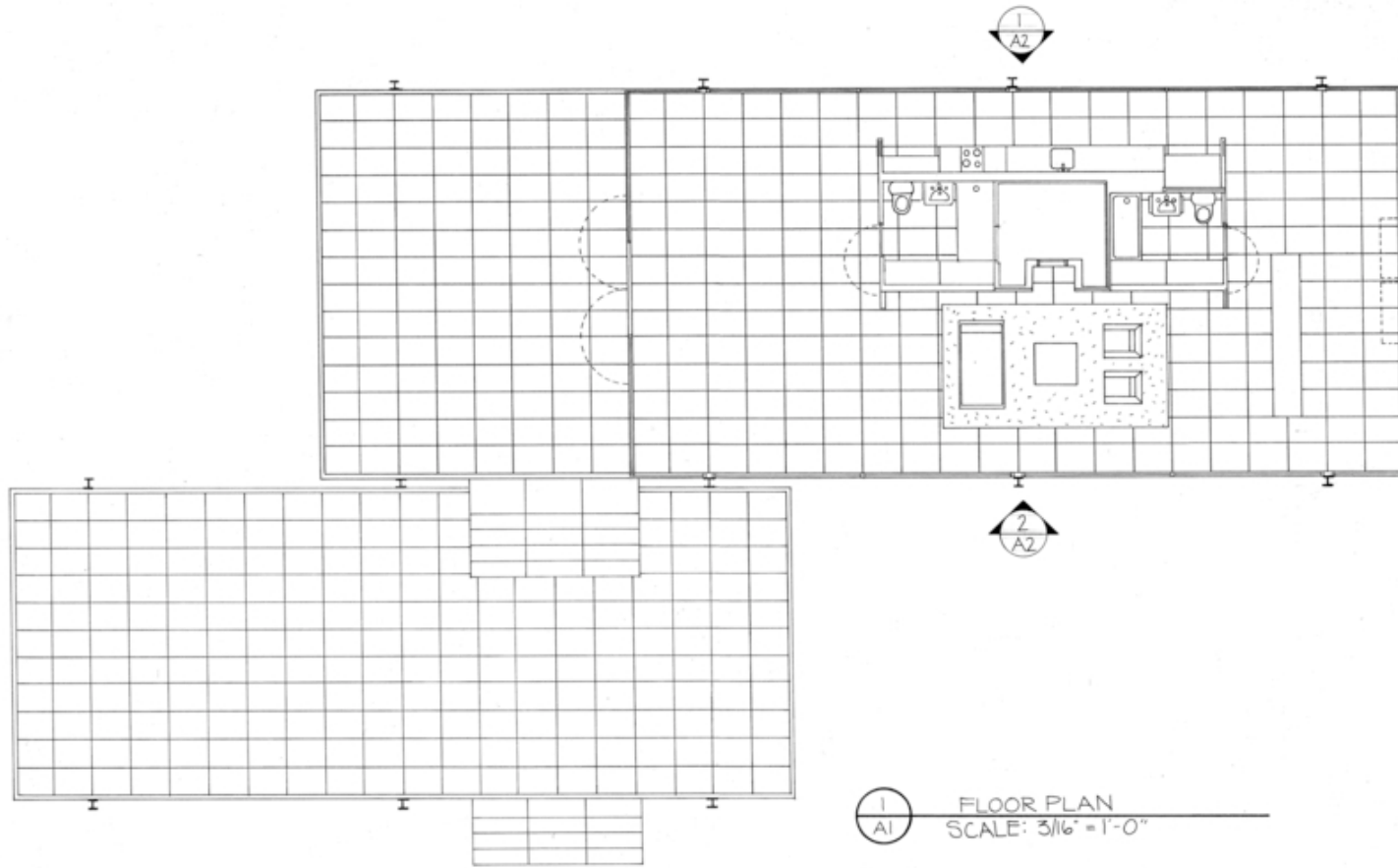
What do you think of when I say
“modern architecture”?

How do you define “modern architecture”



Mies van der Rohe, Farnsworth House, Plano, Illinois, 1945-51





HARRINGTON

FARNSWORTH HOUSE PLANO. IL

M. REID
J. WHITE

AI

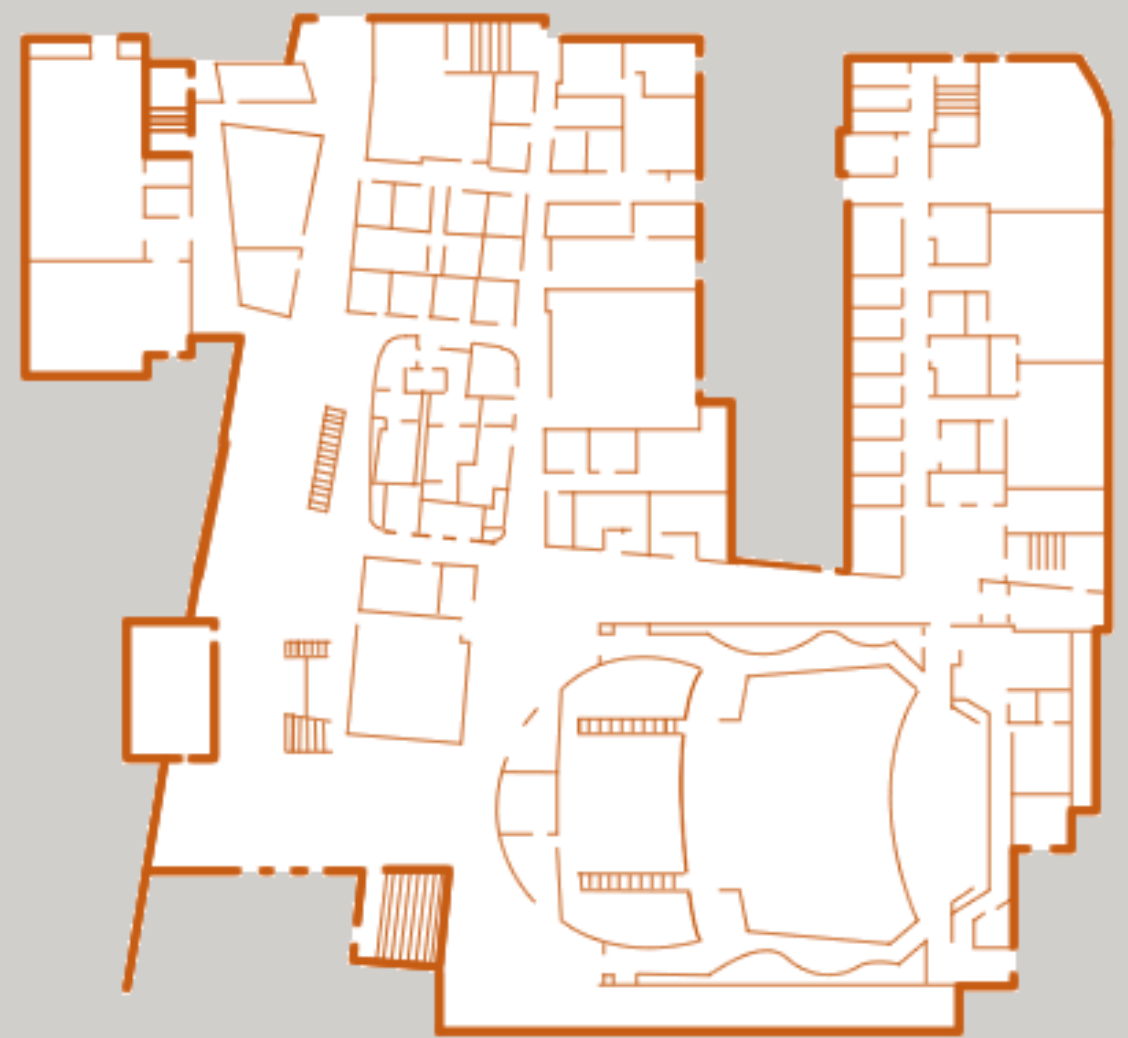






Studios Architecture, Edith O'Donnell Arts and Technology Building, 2013

↑N







Omniplan, NorthPark
Center, 1964-66

Right: Ray and Patsy
Nasher, developers





BUILDING

VS.

ARCHITECTURE

Big-box discount retailing – real estate development over architectural design

Modernity
Modernization
Modernism

- Modernity – 16th-18th centuries; ages of discovery, doctrine of discovery, exploration, empire, colonization, codification of nation-state, scientific revolution, democratic revolutions
- Modernization – 18th-19th centuries; age of industrialization, the instrumentalization of modernity, efficiency and speed
- Modernism – 20th century-ongoing; commentaries on and creative expressions in art and design about modernity and modernization

Modernity
16th-18th Centuries



Age of Discovery

Doctrine of Discovery: The Papal Bull "Inter Caetera," issued by Pope Alexander VI on May 4, 1493, played a central role in the Spanish conquest of the New World. The document supported Spain's strategy to ensure its exclusive right to the lands discovered by Columbus the previous year; Adapted in the US as a means to expropriate land from natives in 1823

Mapping and Cartography – Rationalizing Space

Vermeer, The Allegory of Painting, or Artist in His Studio, 1665-66





Scientific Revolution

Rembrandt, Anatomy Lesson of Dr. Tulp, 1632

Modernization 18th-19th Centuries



Industrialization

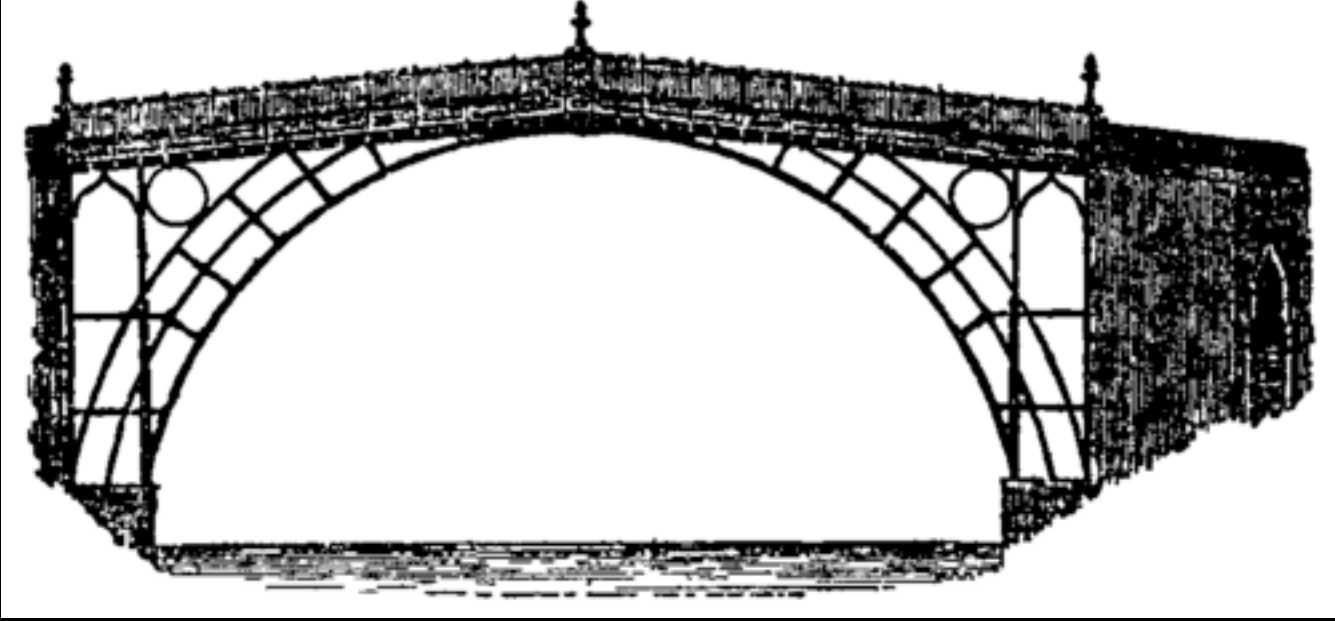
**Instrumentalizing
and putting into
action the ideas of
modernity.**

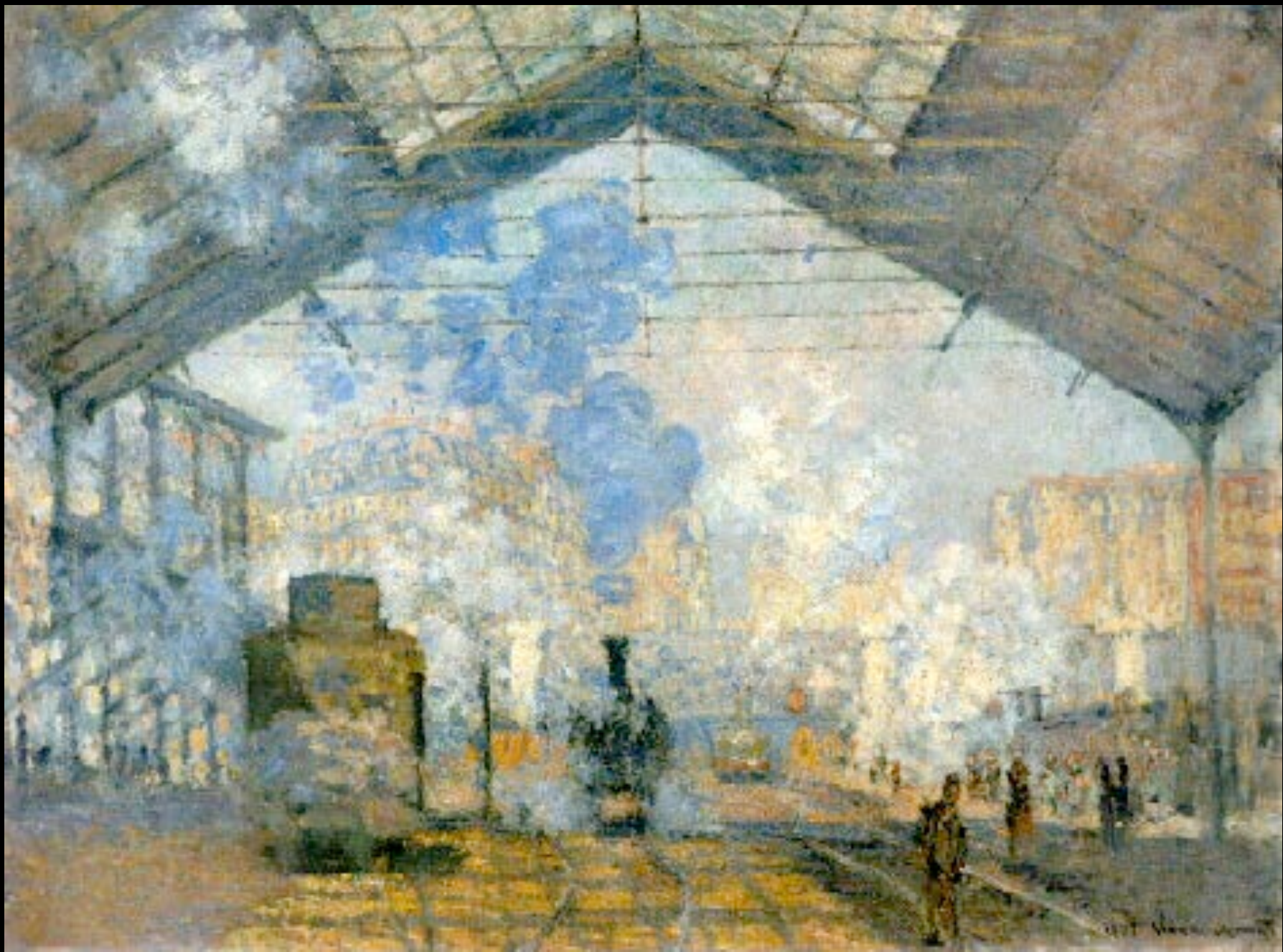
**New materials,
new technologies,
the rise of
efficiency**

Joseph Wright of Derby, Iron Forge, 1772



Abraham Darby III, The Iron Bridge over the River Sever in Shropshire, England, 1775-1779





Claude Monet, La Gare St. Lazare, 1877



Albert Kahn, Highland Park, **Ford Factory**, Detroit, 1909





Henry Ford [1863-1947]

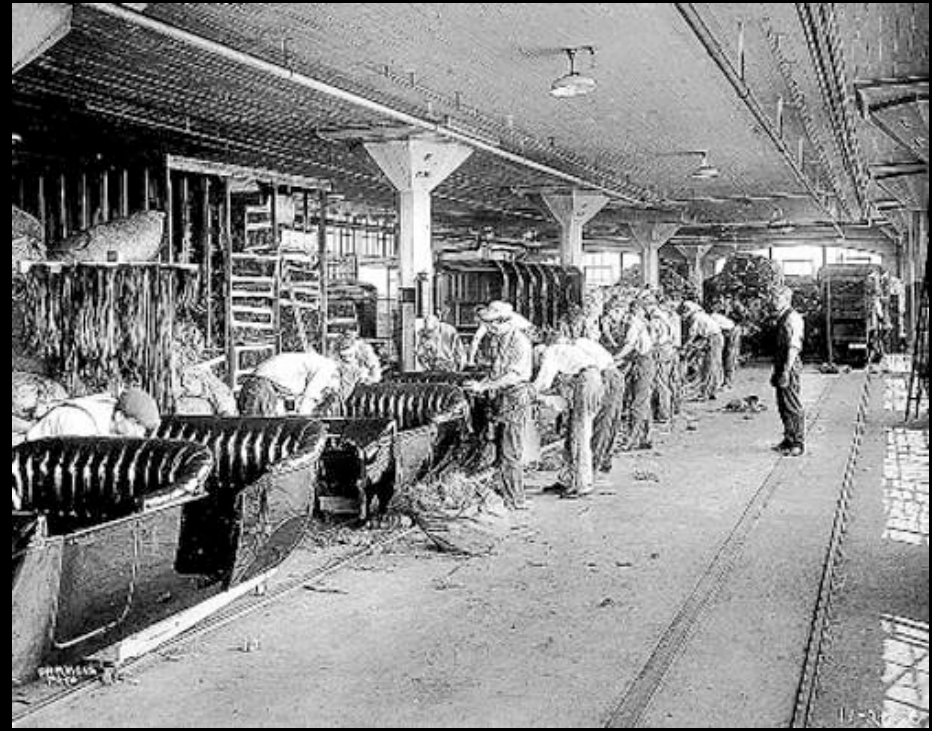
Assembly-Line Production

Fordism

Taylorism

Scientific Management

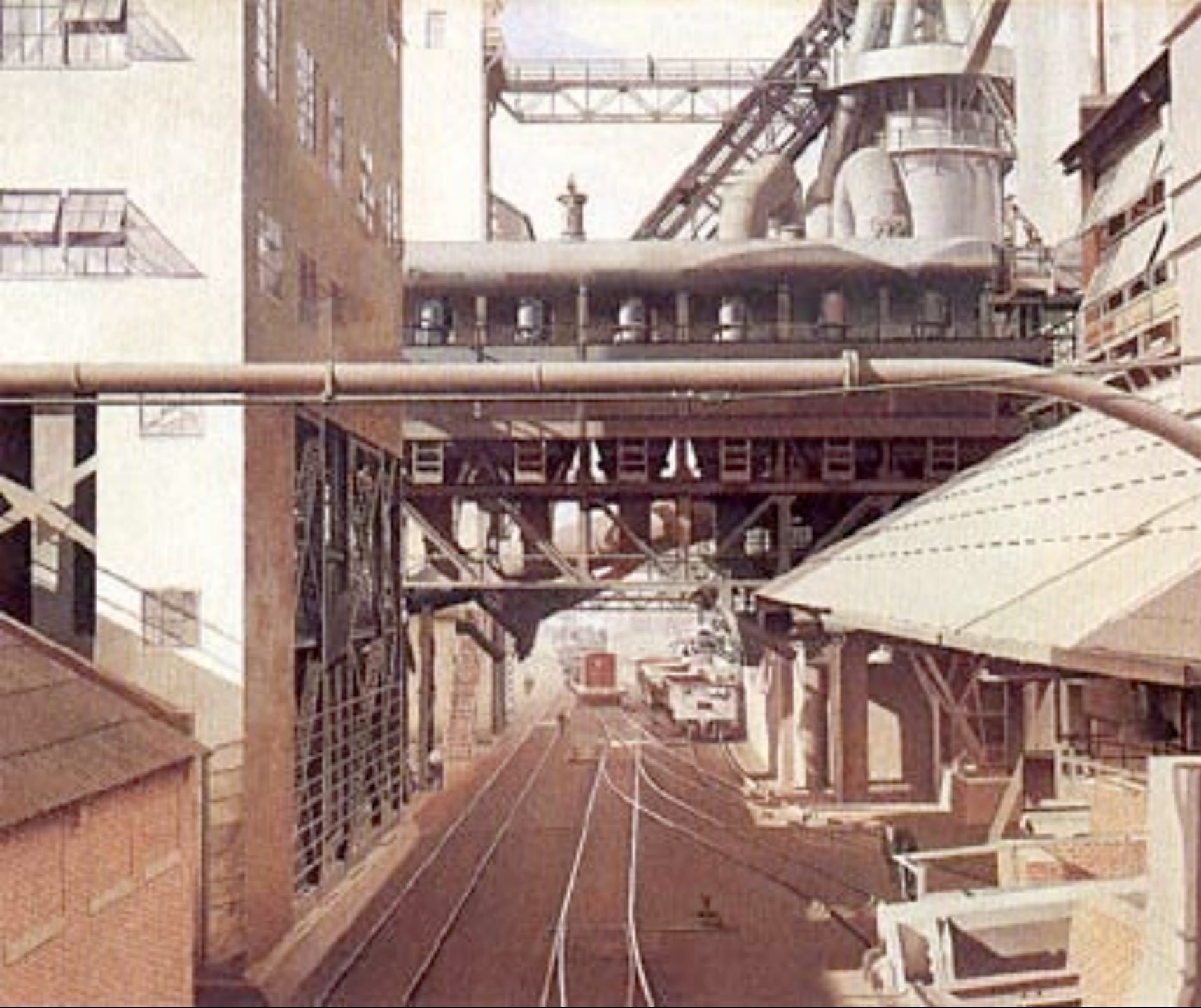
Efficiency and Speed





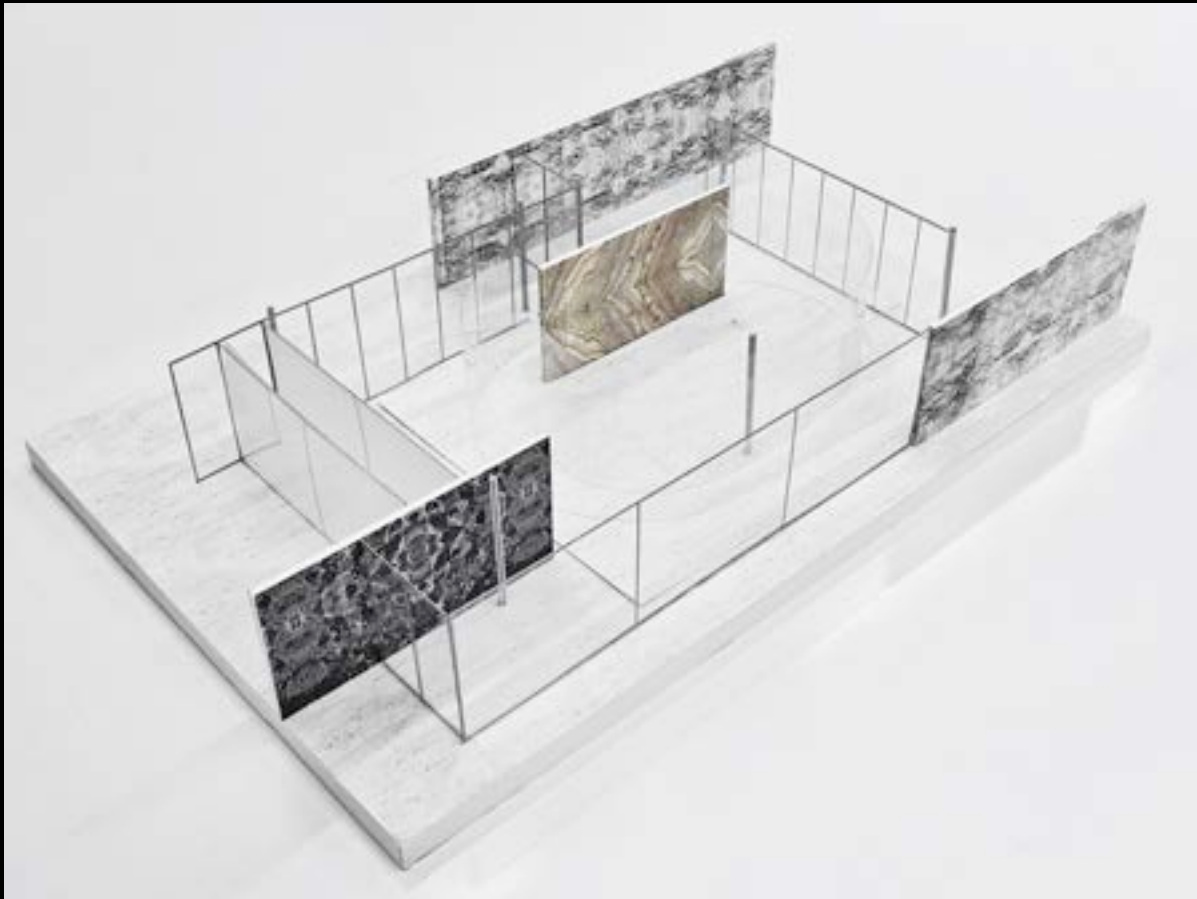


Modernism
20th – 21st Century

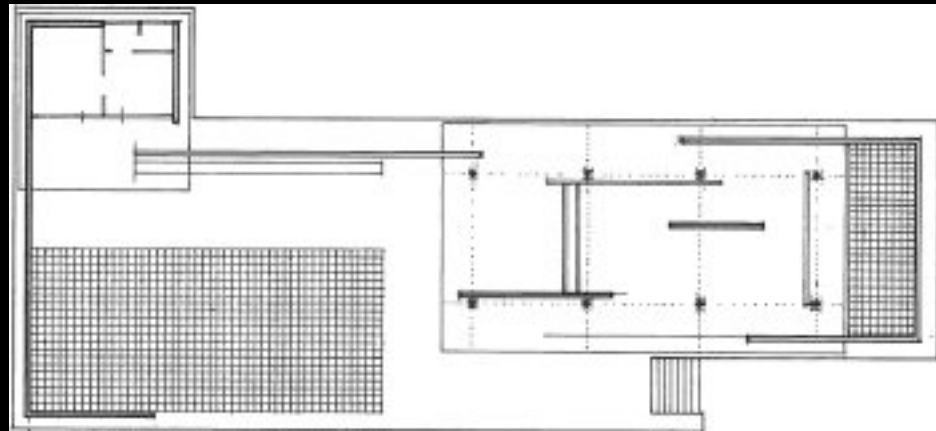


**The response in the
arts to modernization.**

Charles Sheeler, *City Interior*, 1936
Aqueous adhesive and oil on
composition board



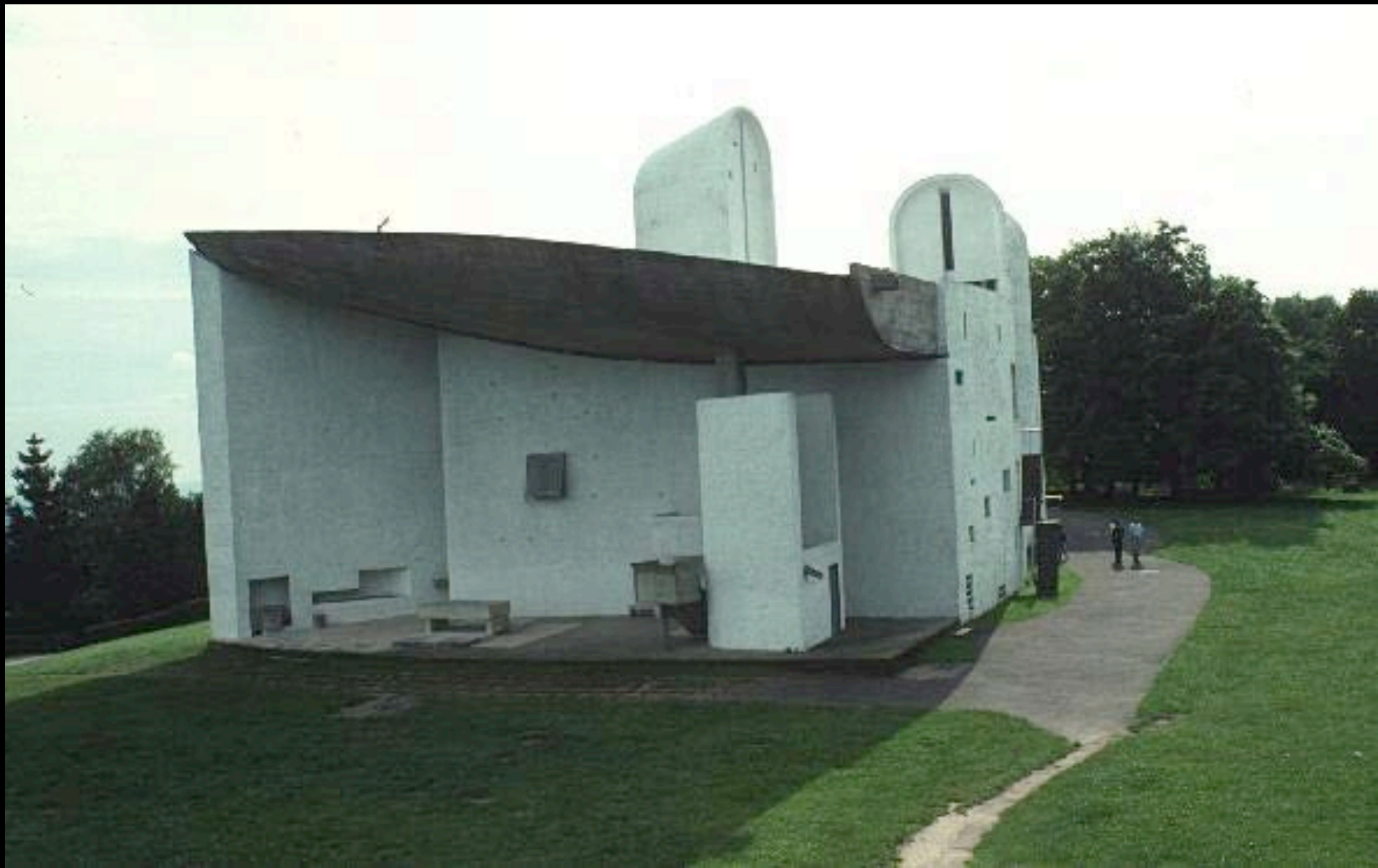
Mies van der Rohe, German Pavilion,
International Exposition, Barcelona, 1929





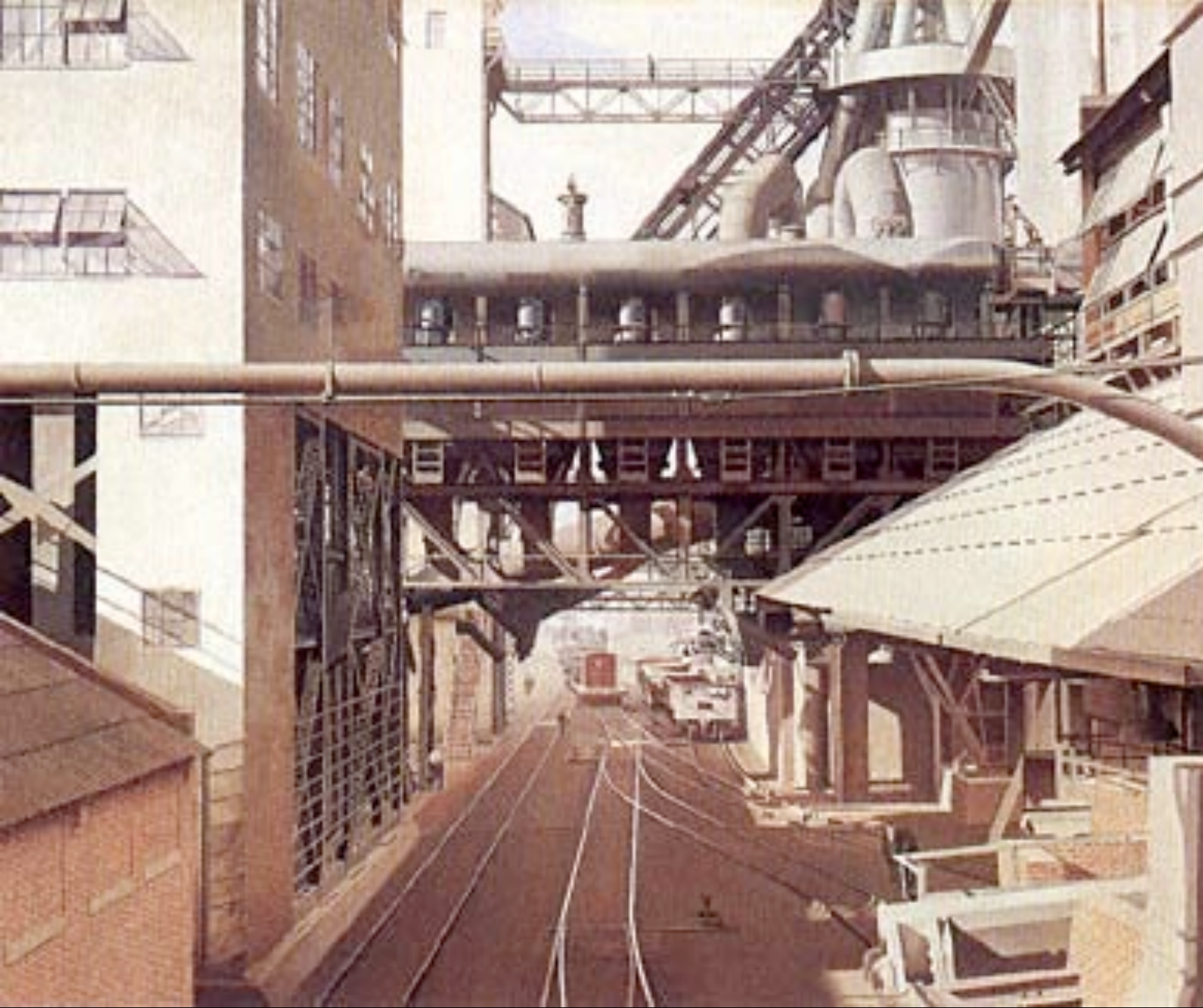


Le Corbusier, Notre Dame du Haut, Ronchamp, France, 1950-54





Late 20th Century-Early 21st Century
Modernity and Industrialization
to
Postmodernity and Post-Industrialization



Charles Sheeler, City Interior, 1936
Aqueous adhesive and oil on
composition board



Andrew Moore, Rolling Hall,
Ford Motor Company, River
Rouge Complex, Andrew
Moore, 2008