

STRUCTURE/MATERIALS

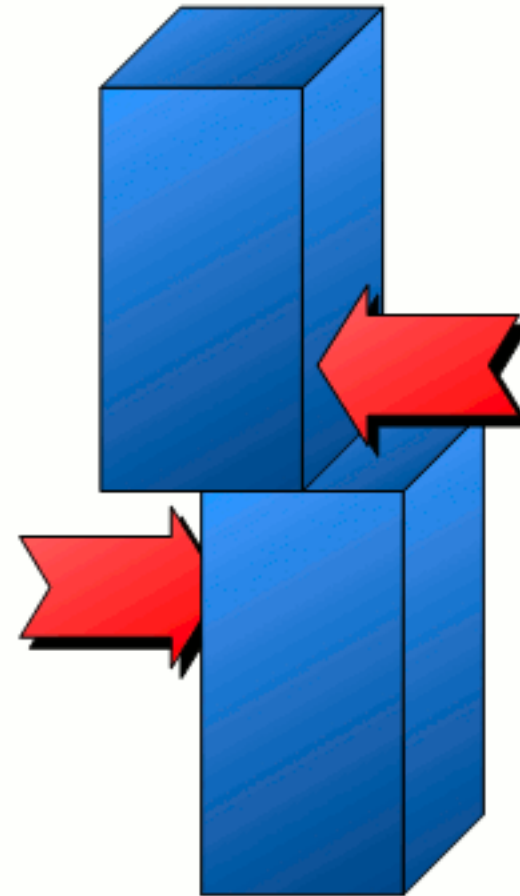
tension



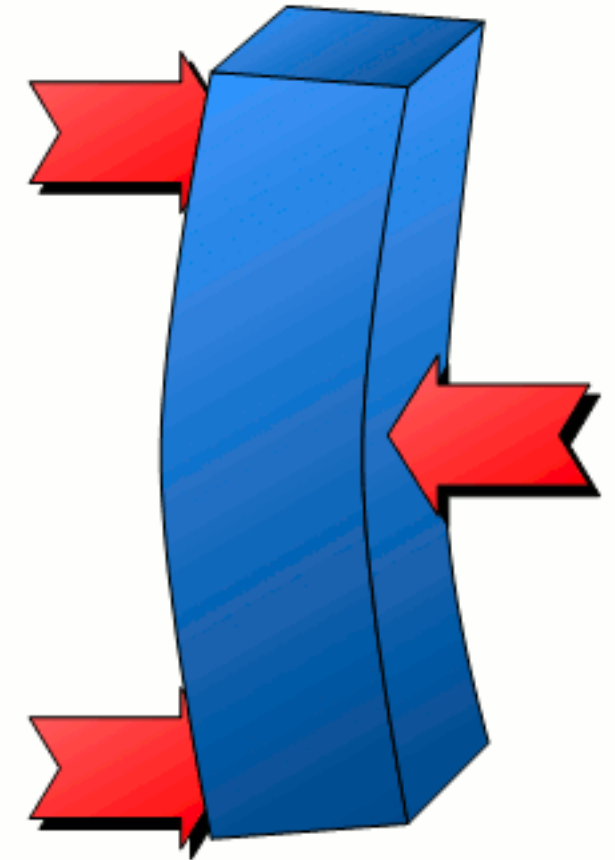
compression



shearing



bending



<https://www.tec-science.com/>

Forces Acting on Structures

Hattusa

Turkey

6000-1200 BCE





Larry Speck



Larry Speck





Larry Speck



Larry Speck



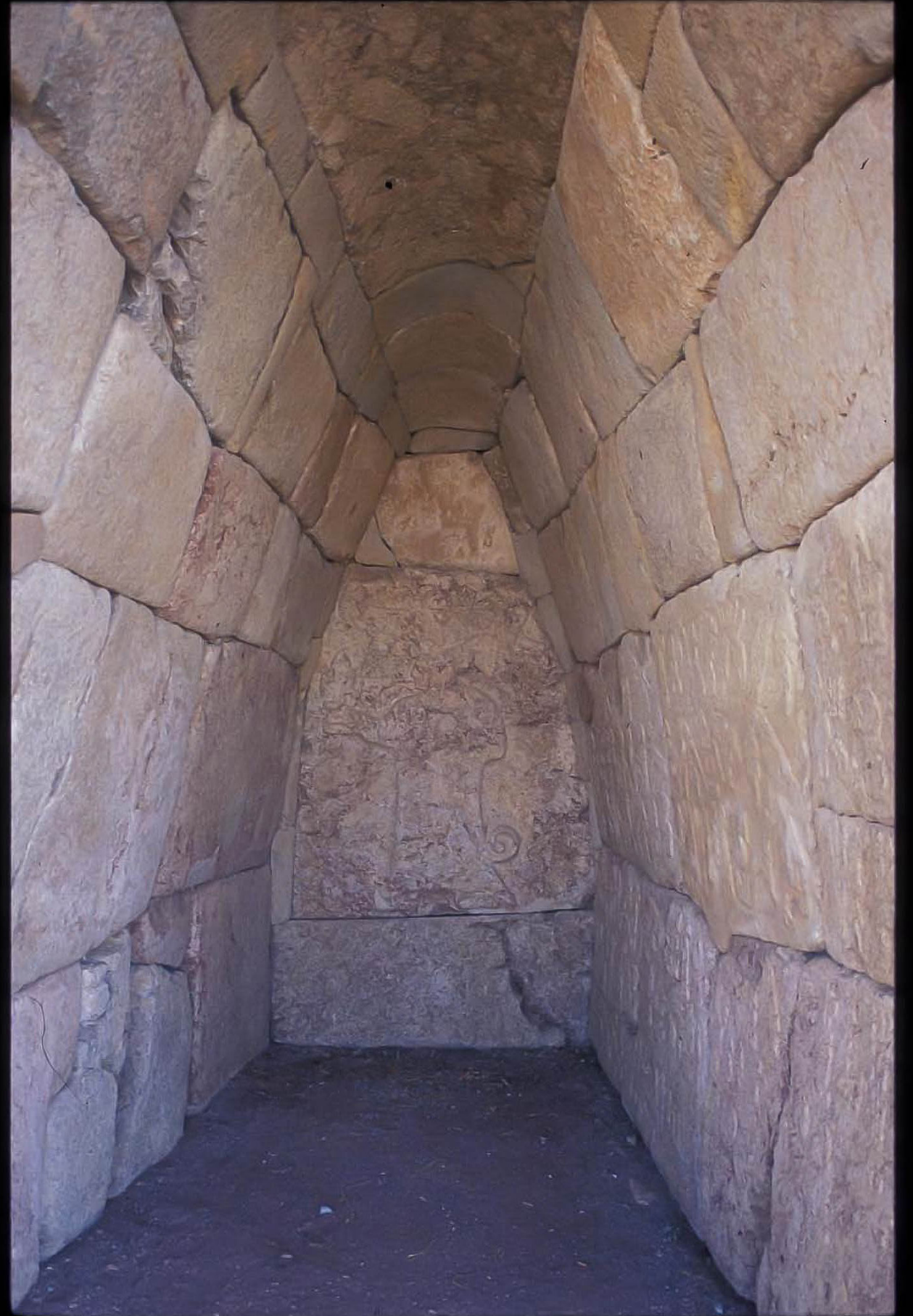
Larry Speck



Larry Speck



Larry Speck



Larry Speck

Mayan Citadel
Tikal, Guatemala
200-850 CE





Larry Speck



Larry Speck



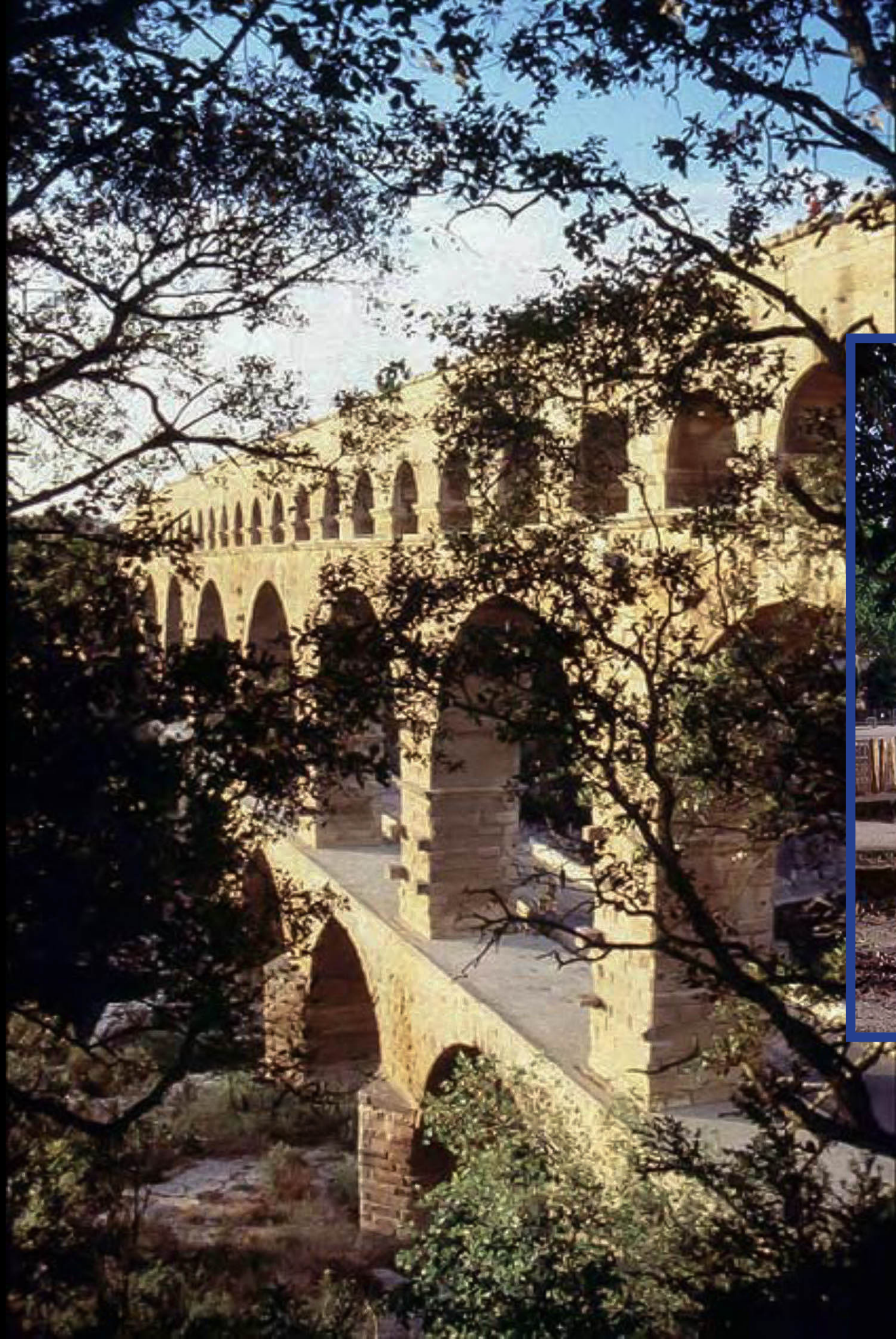
Larry Speck



Larry Speck

Pont du Gard
Nimes, France
14 CE







Larry Speck



Larry Speck

Colosseum

Rome, Italy

80 CE





<https://colosseumrometickets.com/>



<https://www.sightseeingtoursitaly.com/>





Larry Speck



Larry Speck



Larry Speck



Larry Speck

The Pantheon

Rome, Italy

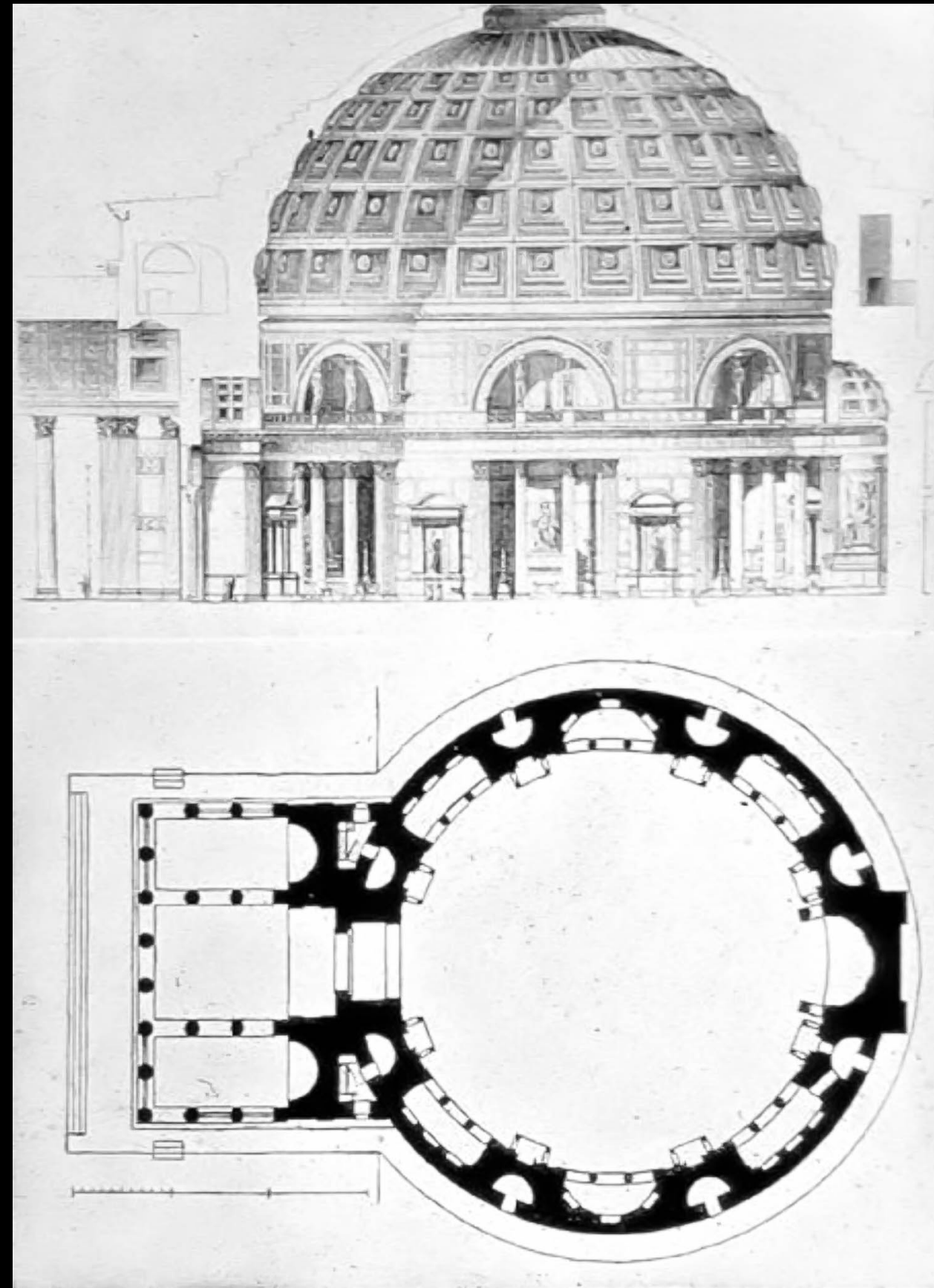
120-124 CE





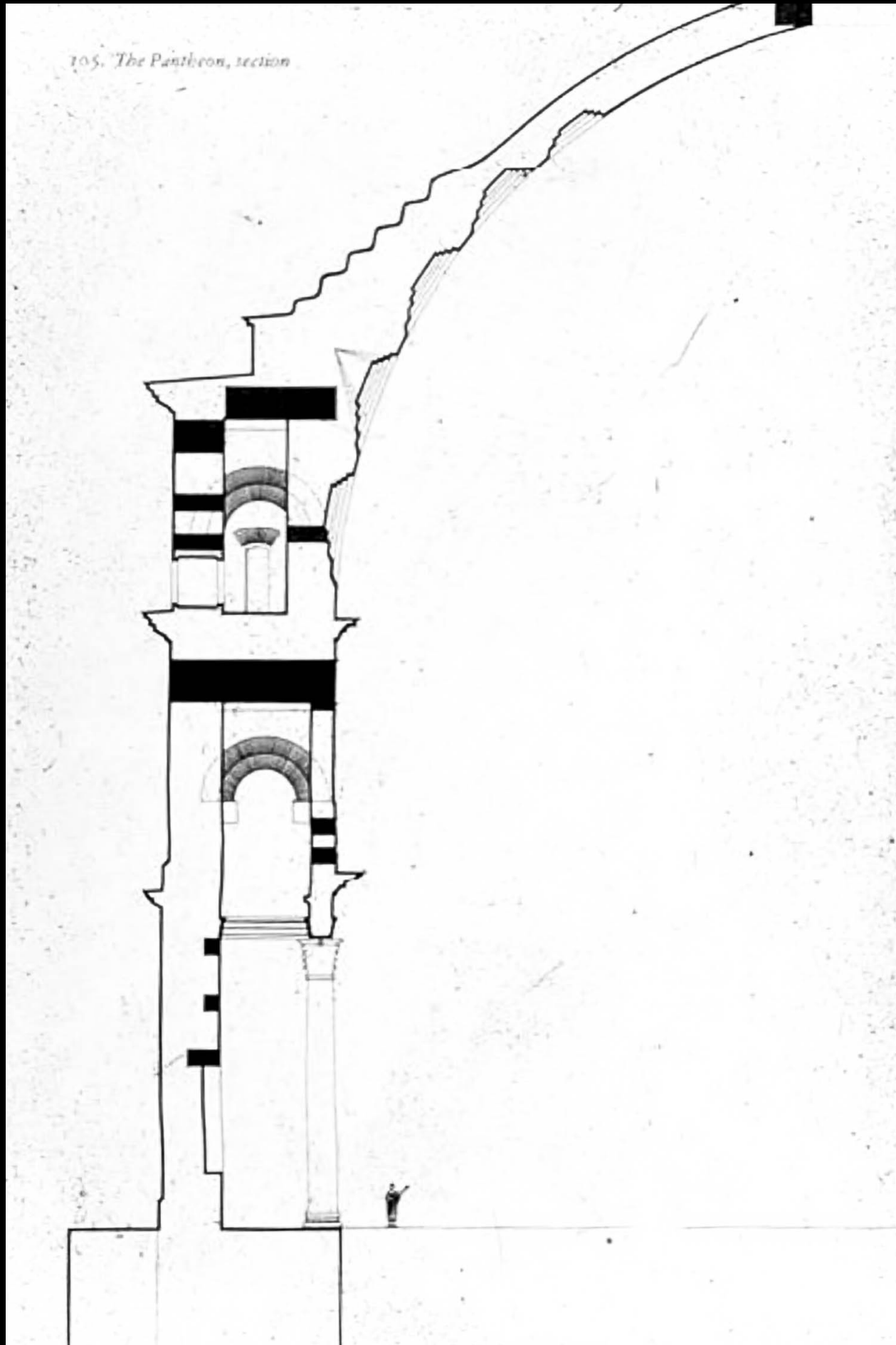


<https://www.nga.gov/>



Interior of the Pantheon, Rome | Giovanni Paolo Panini | 1734

105. *The Pantheon, section*





Hagia Sophia

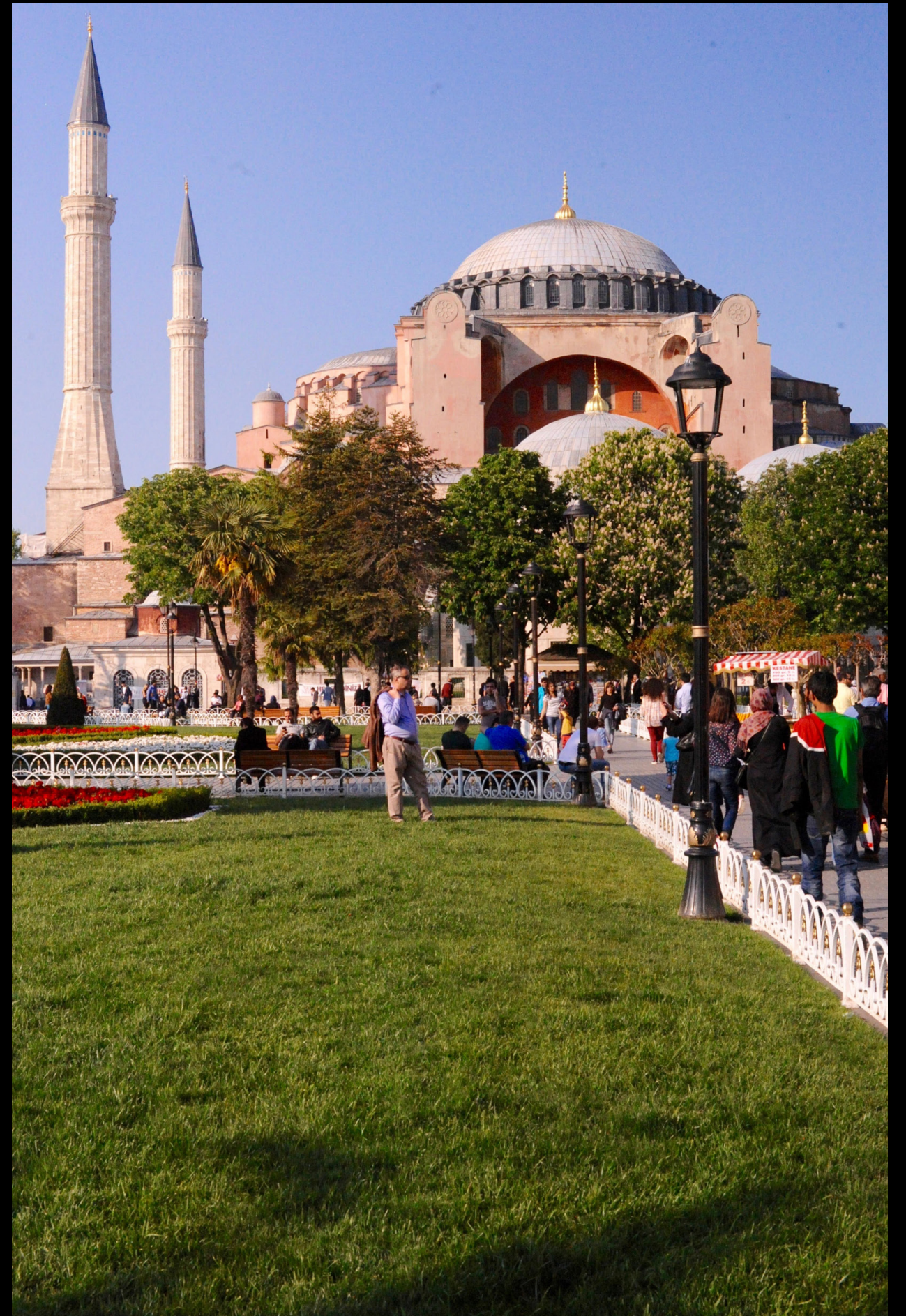
Istanbul, Turkey

532-537 CE





Larry Speck



Larry Speck



Larry Speck



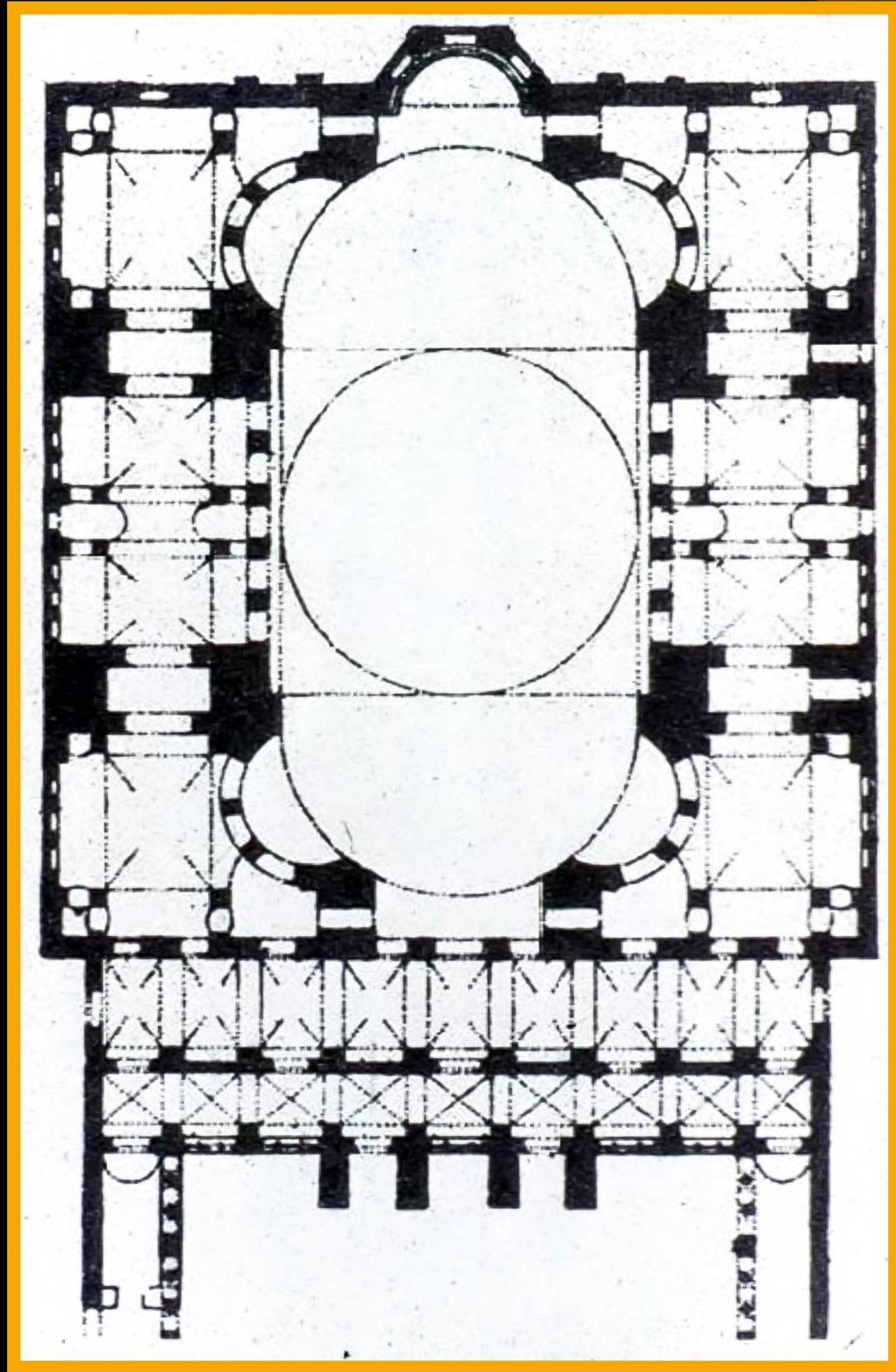
Larry Speck



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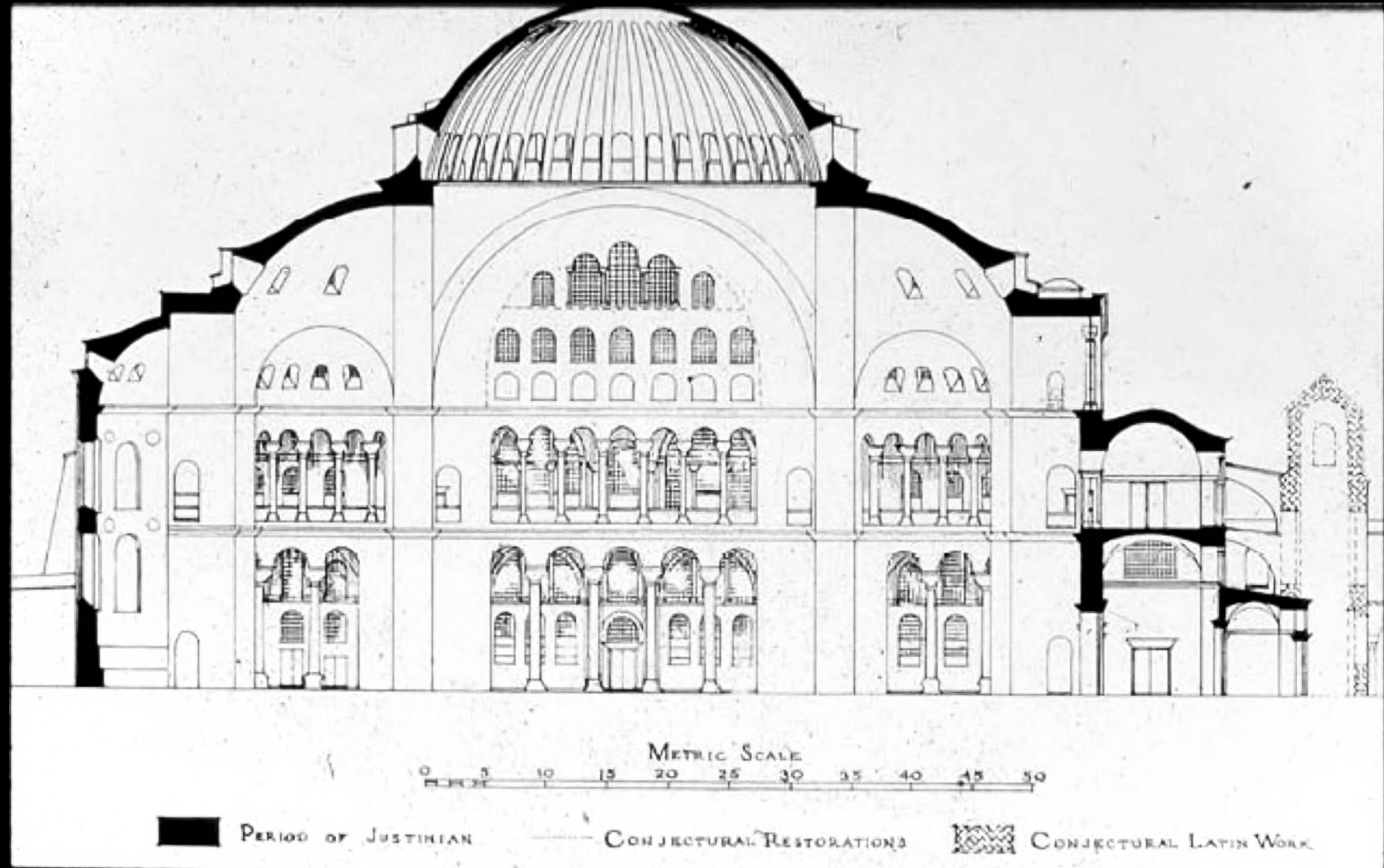
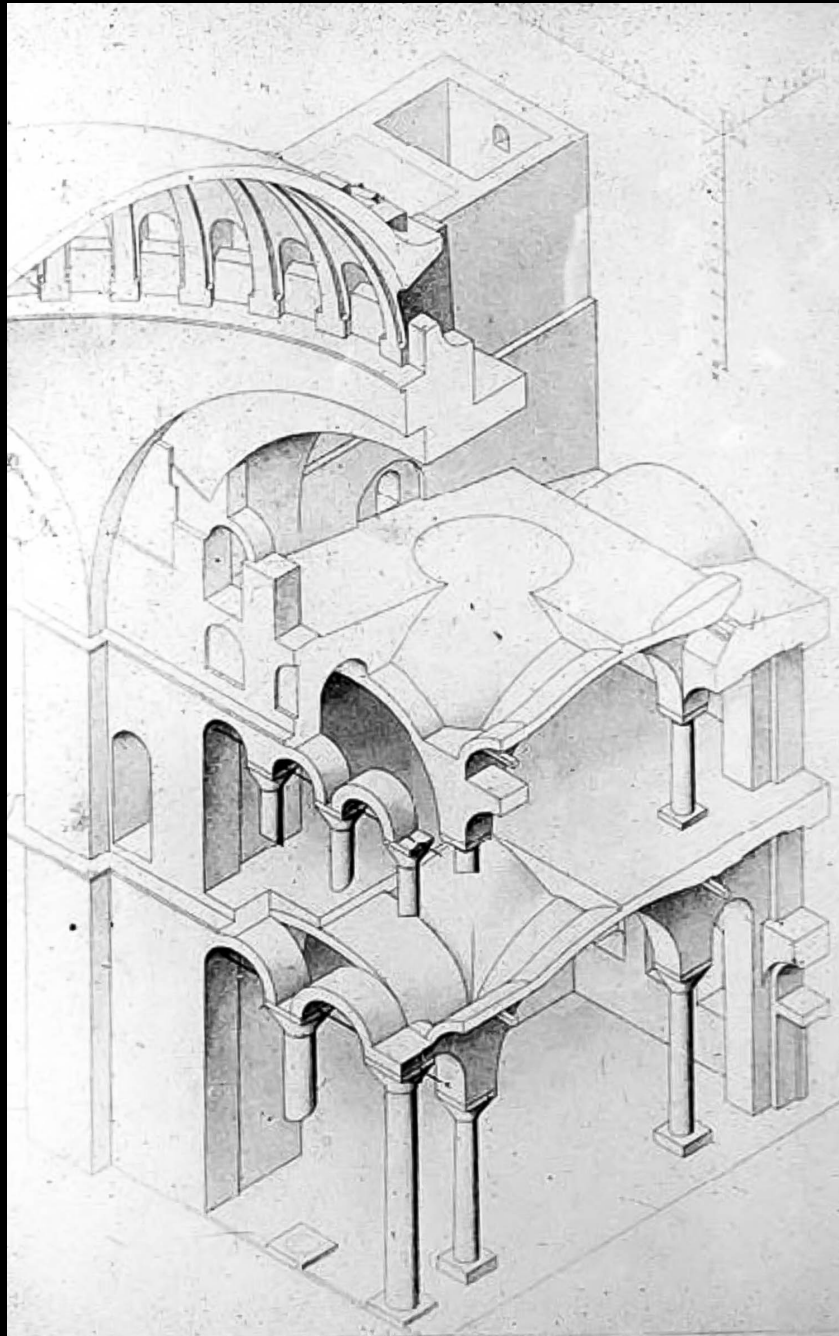
Larry Speck



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Larry Speck





Ames Gate Lodge

North Easton, MA

H.H. Richardson

532-537 CE





Larry Speck



Larry Speck



Larry Speck



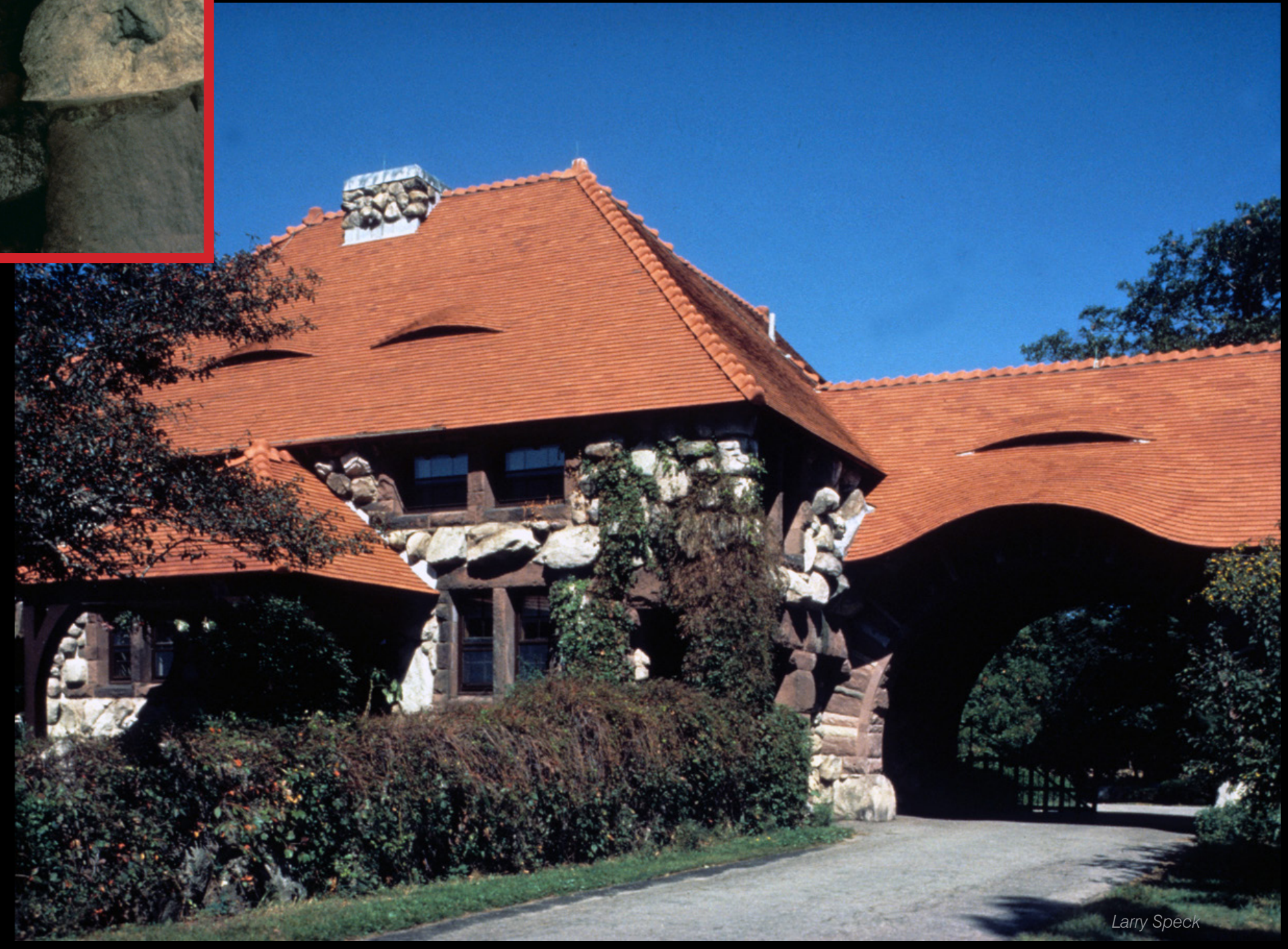
Larry Speck



Larry Speck



Larry Speck



Larry Speck

Morse & Stiles Hall
Yale University, New Haven, CT
Eero Saarinen
1958-1962





Larry Speck



Larry Speck



Larry Speck

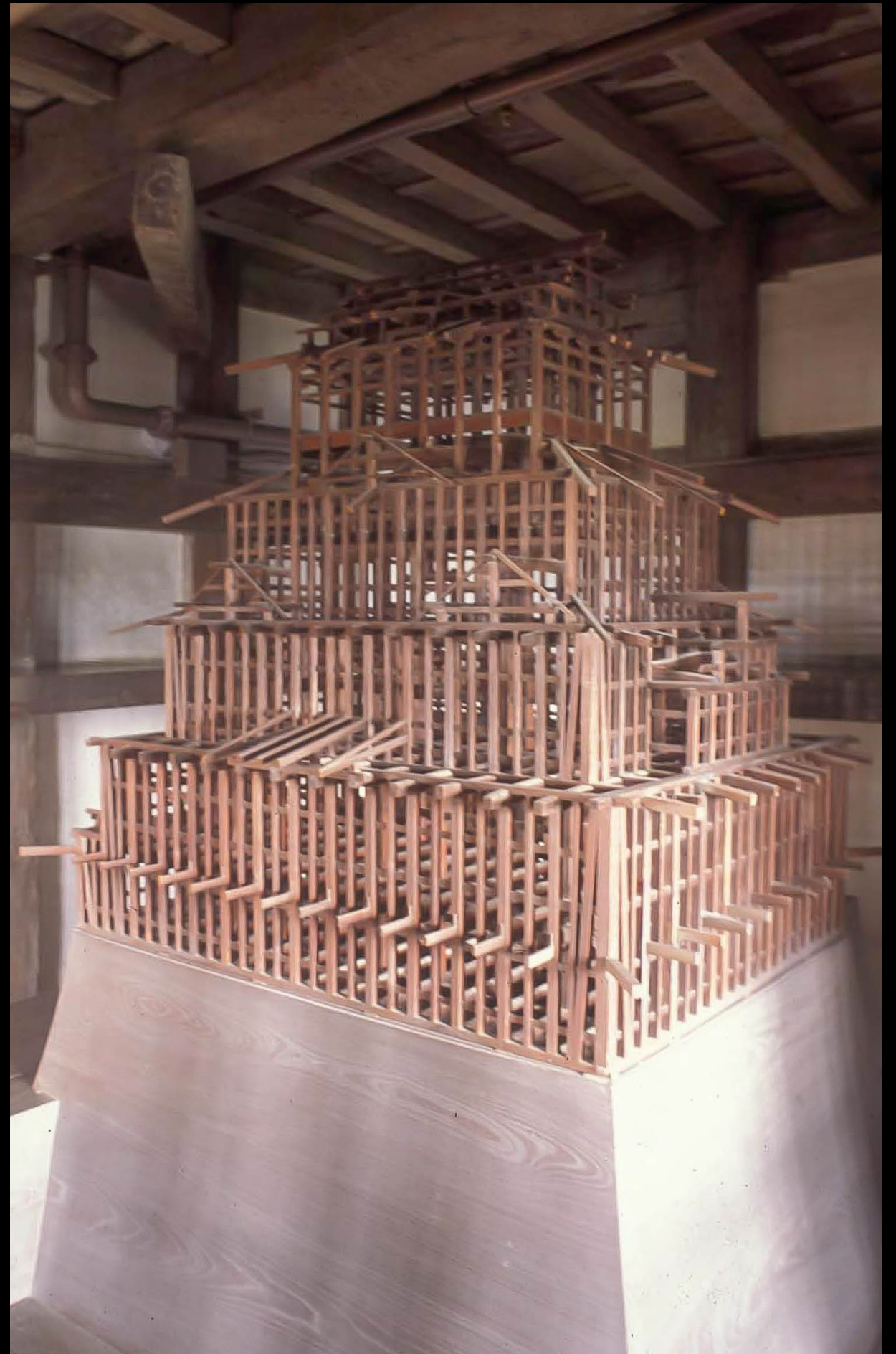


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Tōdai-ji Temple

Nara, Japan

752







Larry Speck



Larry Speck



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Traditional Wooden Buildings in Japan



Larry Speck



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Traditional Wooden Buildings in Japan

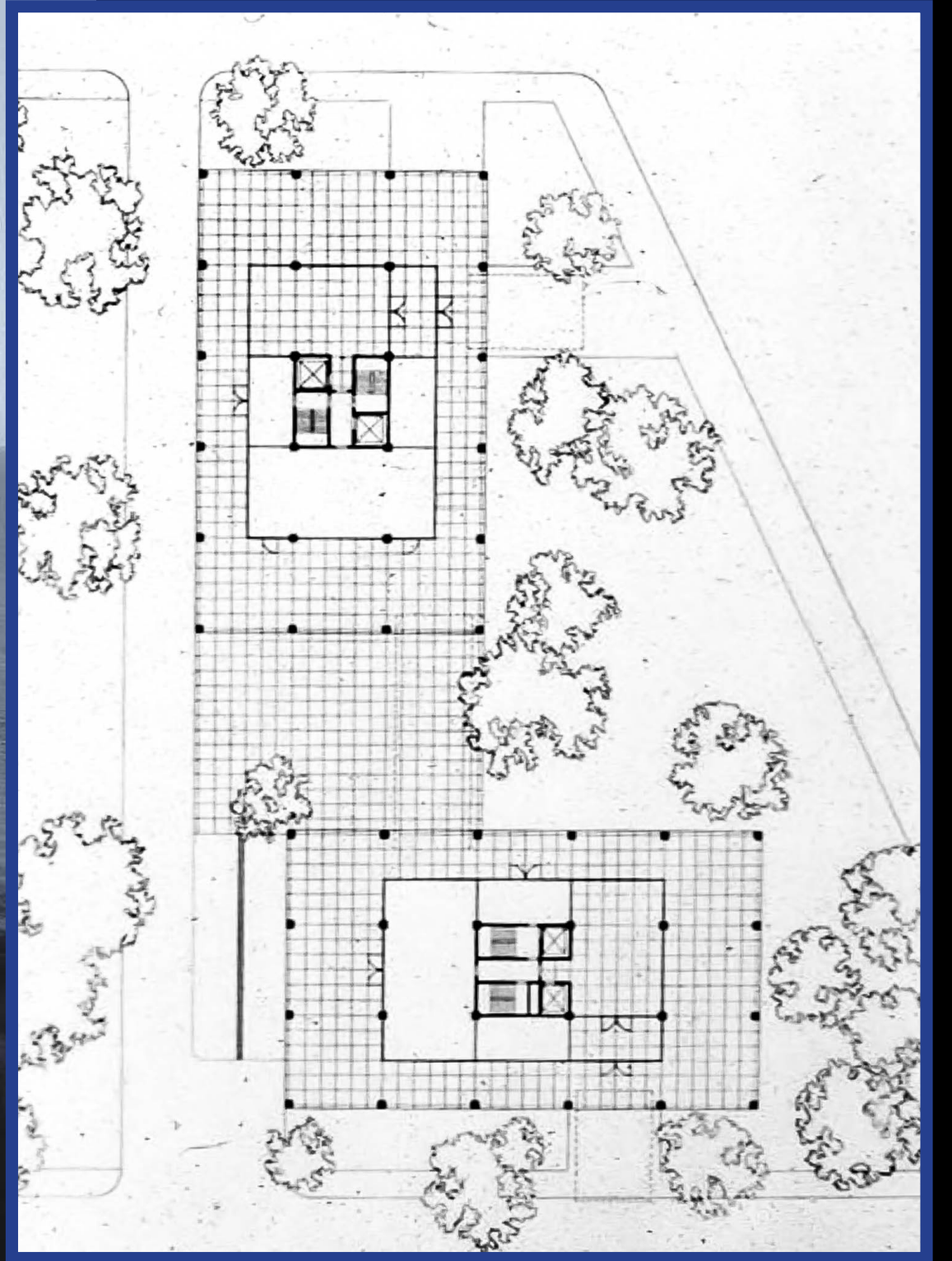
Lakeshore Drive Apartments

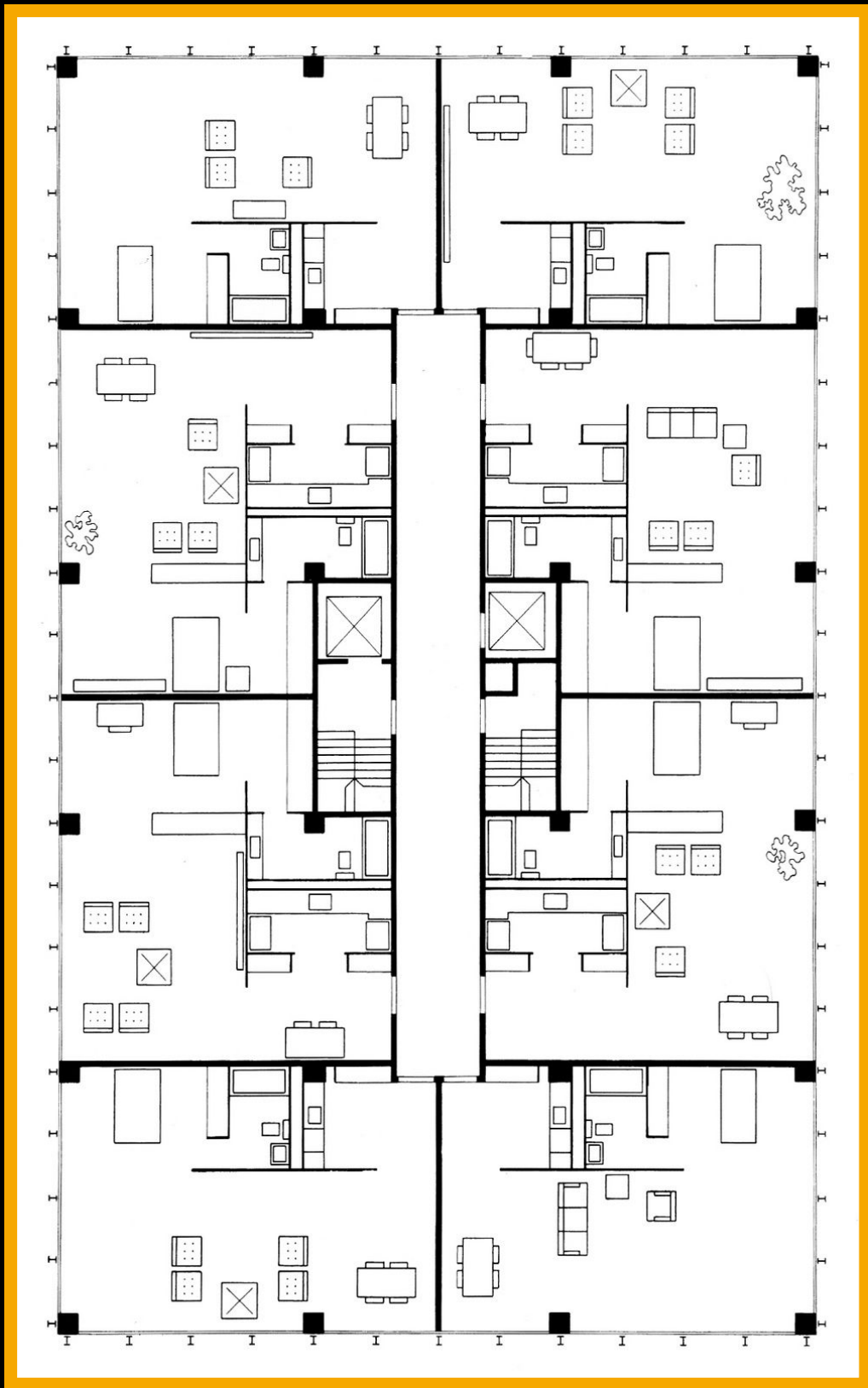
Chicago, IL

Mies van der Rohe

1948-1951

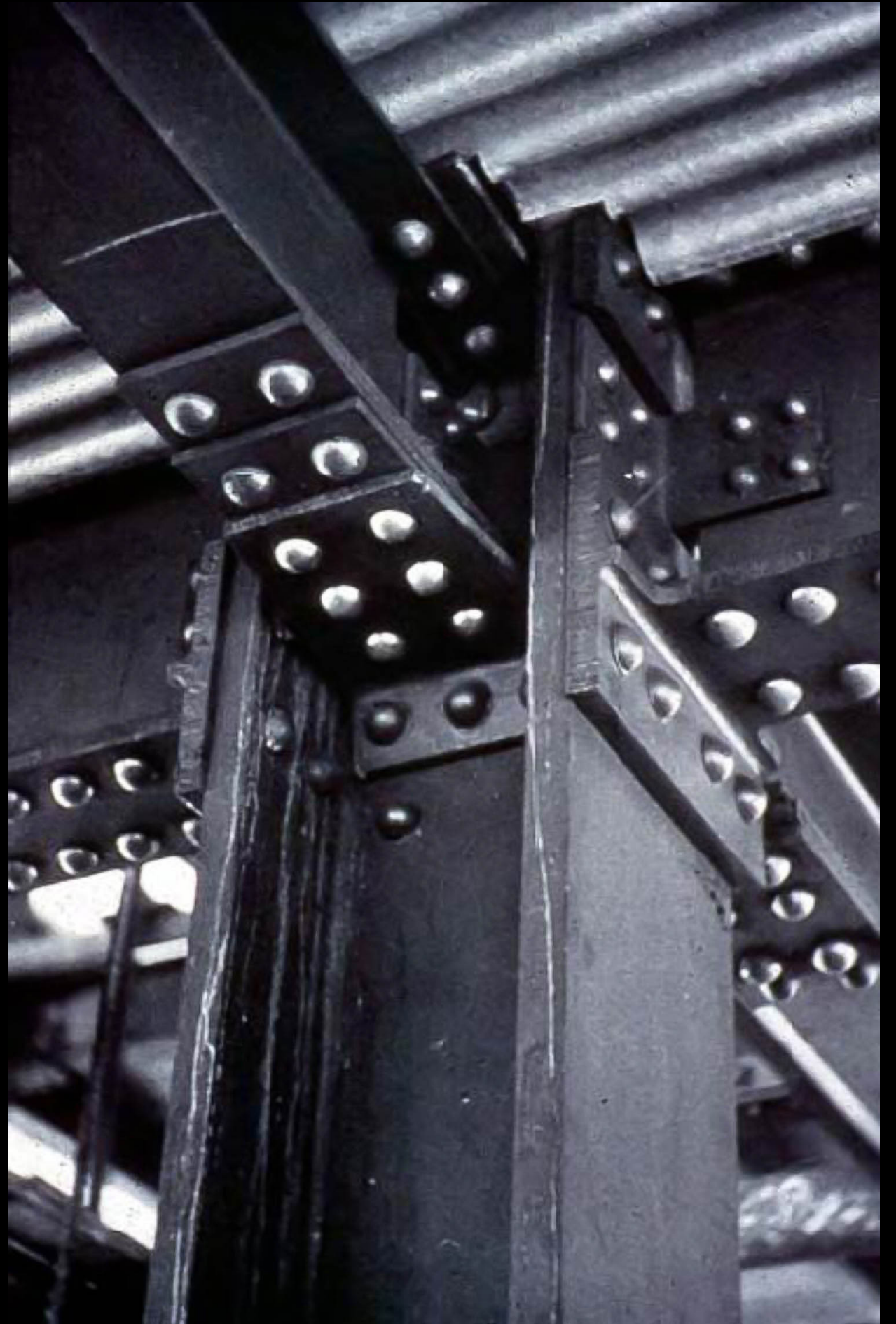








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John Deere Headquarters

Moline, IL

Eero Saarinen

1957-1963





Larry Speck



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