

**THE BRIDGE EXP**  
**3 INTRODUCTION**  
ARCH1101 LOWE

**THE CLIENTS**  
THE BRIEF

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**THE BRIDGE**

**THE BRIDGE EXP**  
**3 INTRODUCTION**  
ARCH1101 HARK  
INS

**THE CLIENTS**  
THE BRIEF

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**THE BRIDGE**

JANUARY 31, 2009

www.time.com

Oprah Winfrey America's Queen Mom ■ Bush takes Viagra with it he can shoot

# TIME

"THE MOST INFLUENTIAL  
AMERICAN WOMAN"

THE CHOICES ARE OVER  
SHE DID IT FOR AMERICA

Thank you  
**Oprah!**

FOR THE NEW MR. PRESIDENT  
THE END OF BUSH DIPLOMACY





BORN THIS WAY  
LADY GAGA

# Apple Intro videos

1997



2000



2001



2001



2002



2003



2004



2007



2008



2010



2010



**Jony Ive**  
Senior VP  
Design



**Phil Schiller**  
Senior VP  
Marketing



**Jon Rubinstein**  
Senior VP  
Hardware  
Engineering



**Cheryl Vedoe**  
VP  
Education  
Marketing



**Greg Joswiak**  
VP  
iPhone  
Product  
Marketing



**Scott Brodrick**  
Product  
Manager  
Mac



**Bob Mansfield**  
Senior VP  
Hardware



**Dan Riccio**  
VP  
Product  
Design



**Scott Forstall**  
Senior VP  
iPhone  
Software



**THE BRIEF**

**THE BRIDGE**

**ENGINEERING**

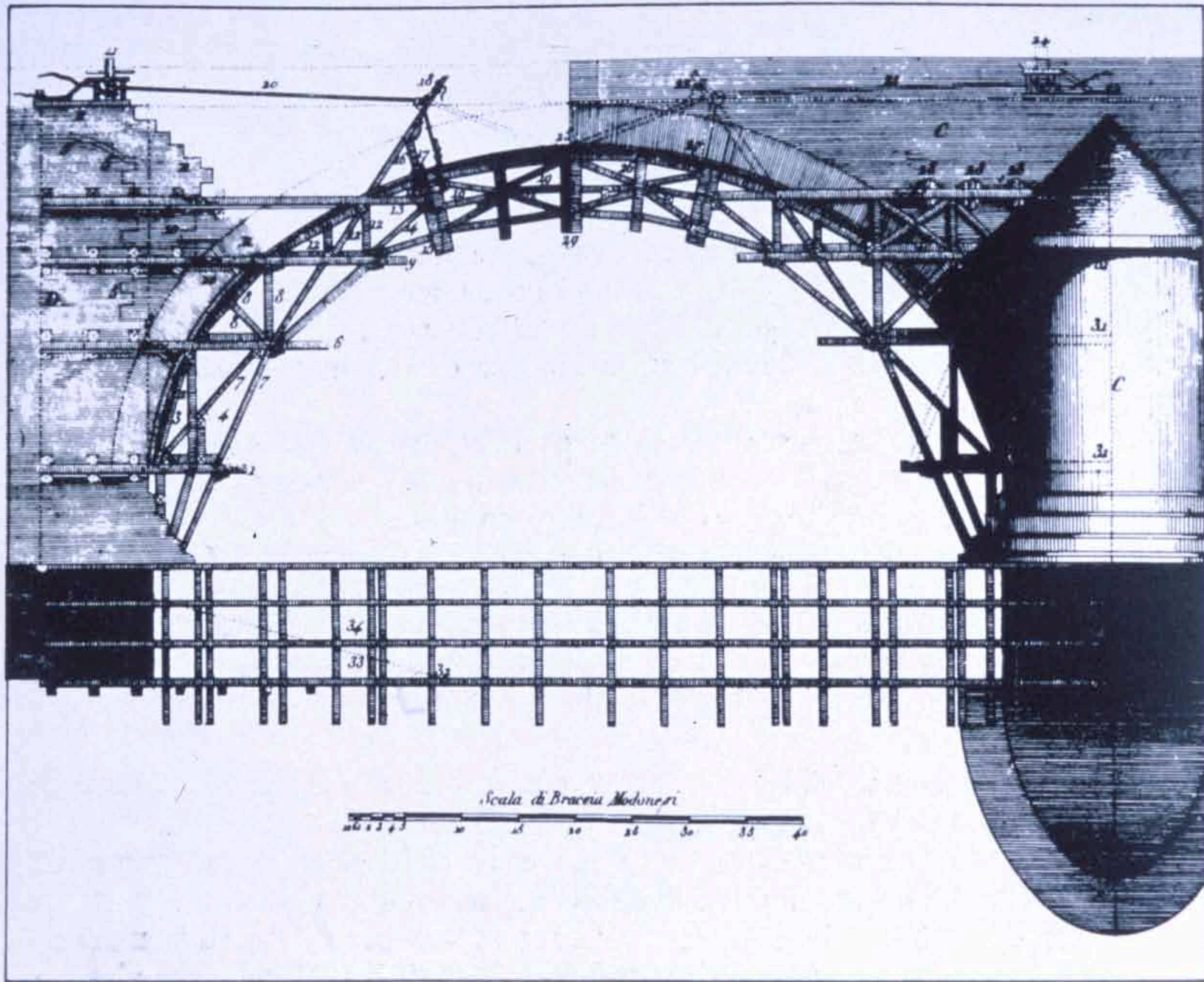


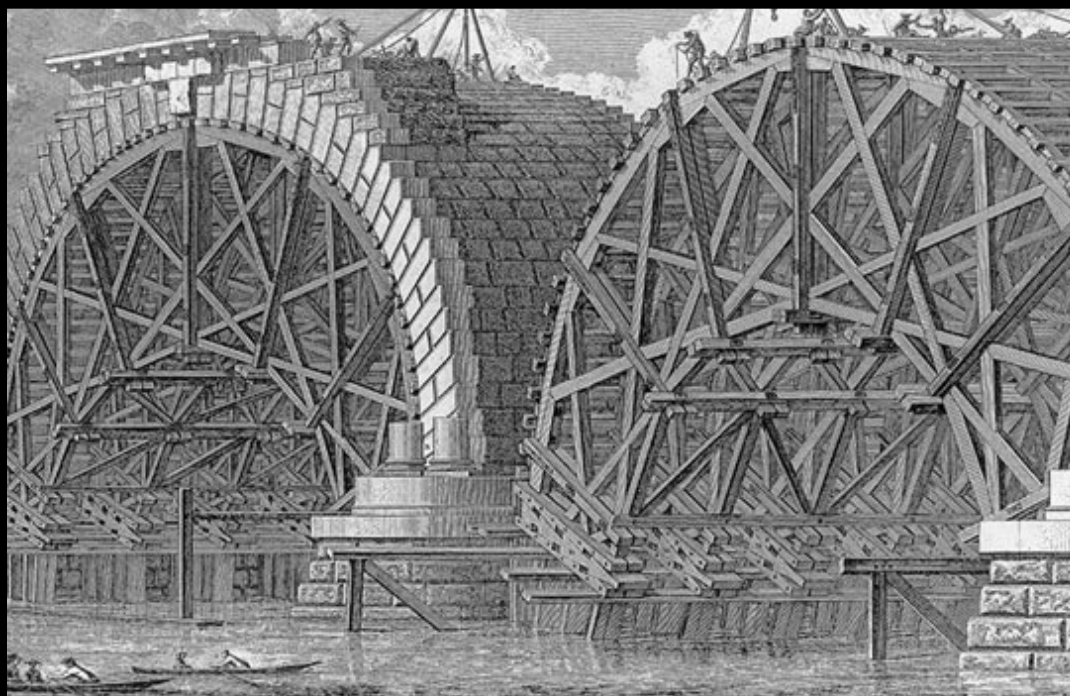
**ENGINEERING  
ARCHITECTURE**

**ENGINEERING  
ARCHITECTURE  
SCIENCE**

**ENGINEERING**  
**ARCHITECTURE**  
**SCIENCE**  
**ART**

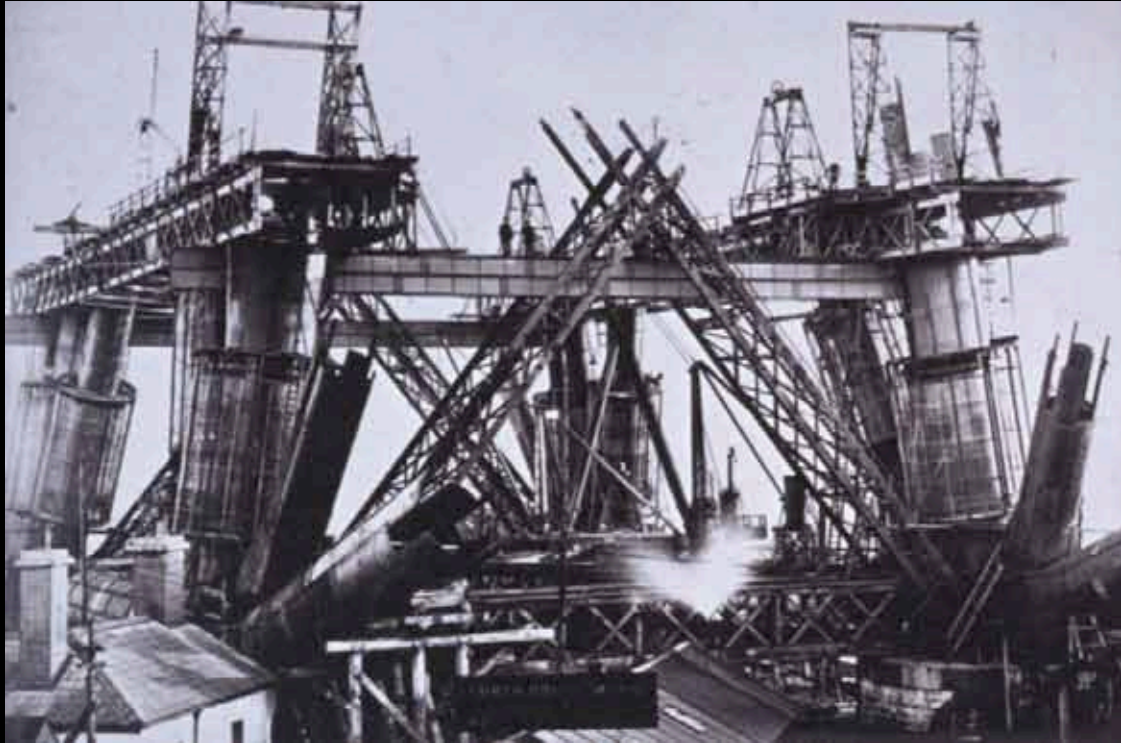
**CONSTRUCTION**





A · VIEW · OF · PART · OF · THE · INTENDED  
IN · AVGVST  
BY · ROBERT · MYLNE · ARCHITECT

BRIDGE · AT · BLACKFRIARS · LONDON  
MDCCLXIII  
ENGRAVED · BY · PIRANESI · AT · ROME







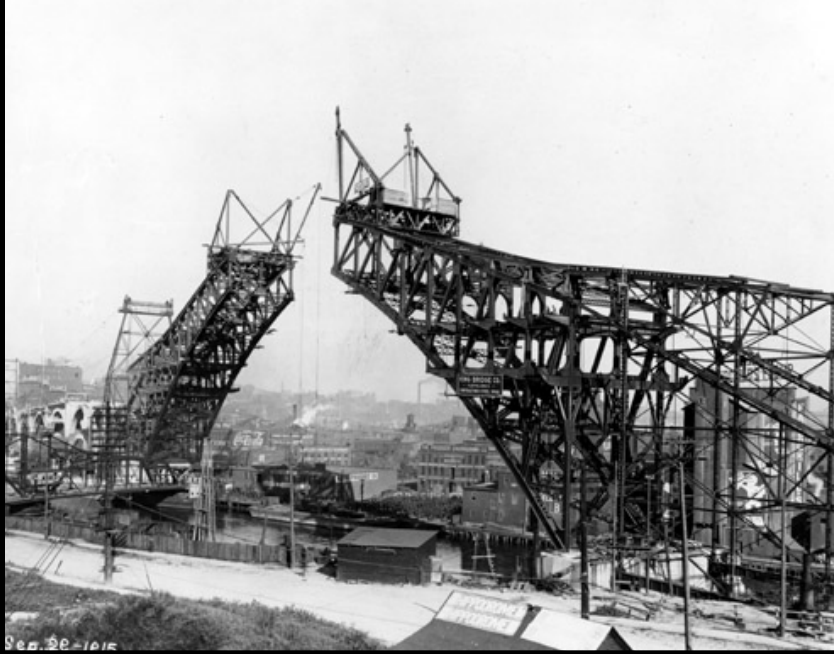




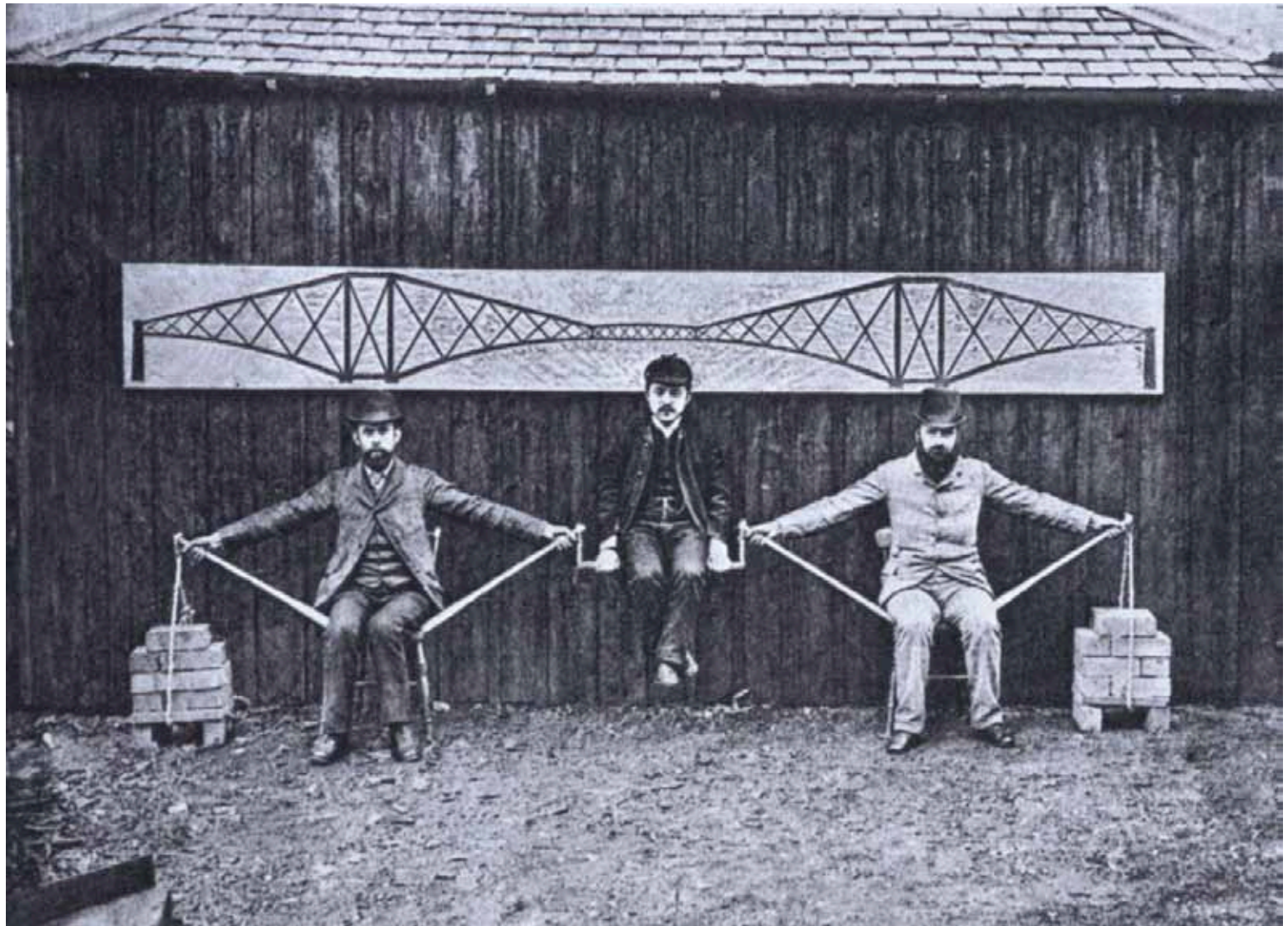






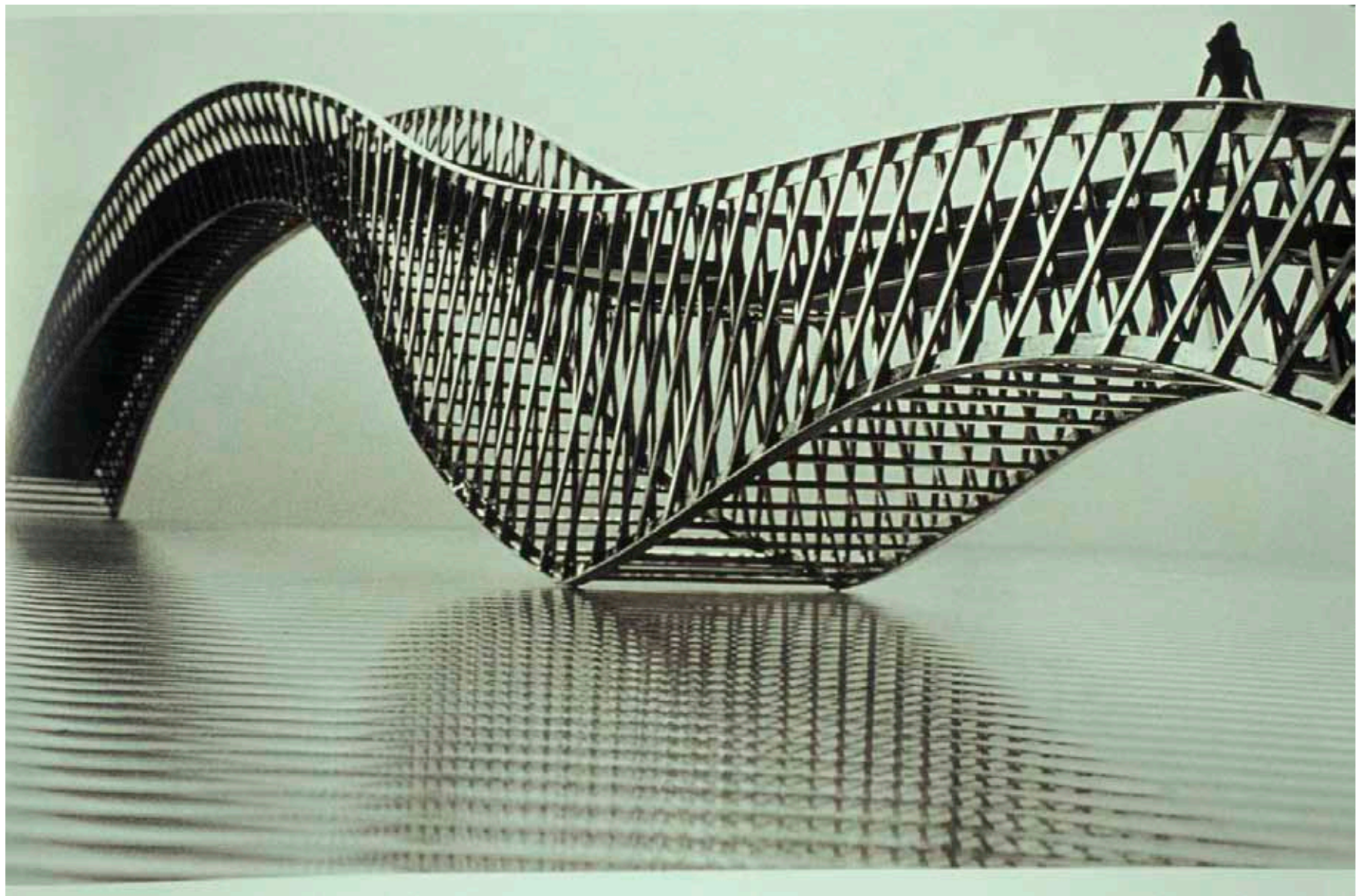


**STRUCTURE**











Equivalent Stress

x 1e3 psi

Max: 1.104e+003

Min: 1.576e+000

1/31/2007 6:10 PM

1.104

0.982

0.859

0.737

0.614

0.492

0.369

0.247

0.125

0.003

0.000

0.000

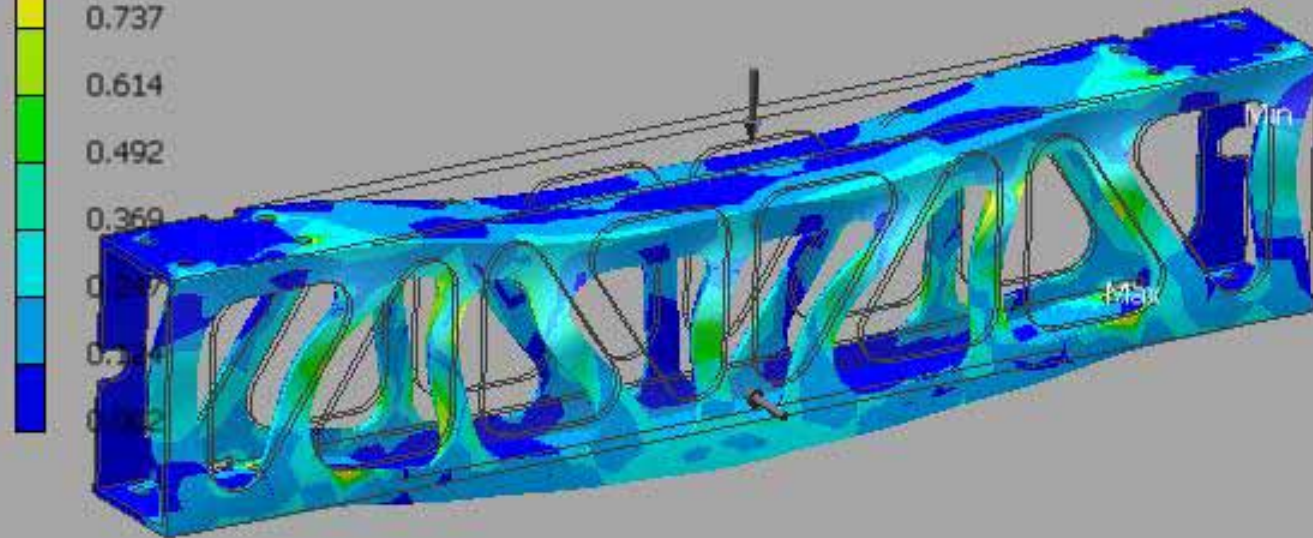
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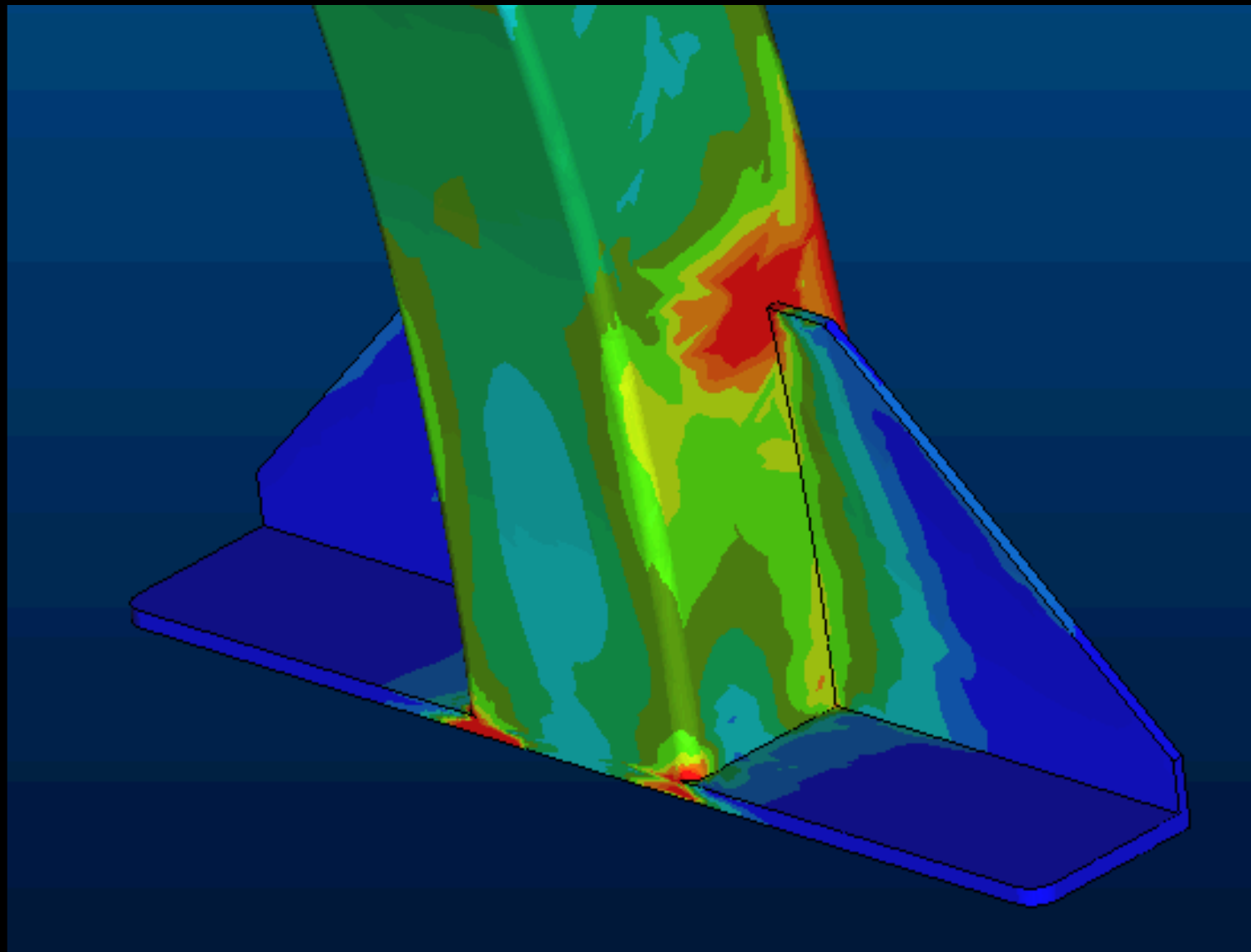
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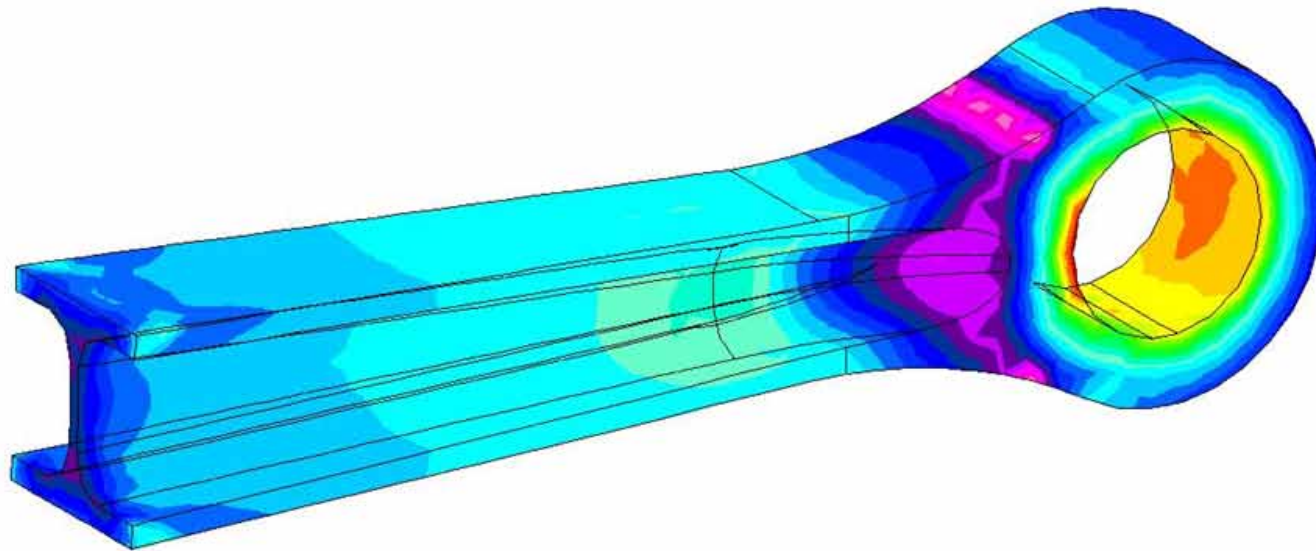
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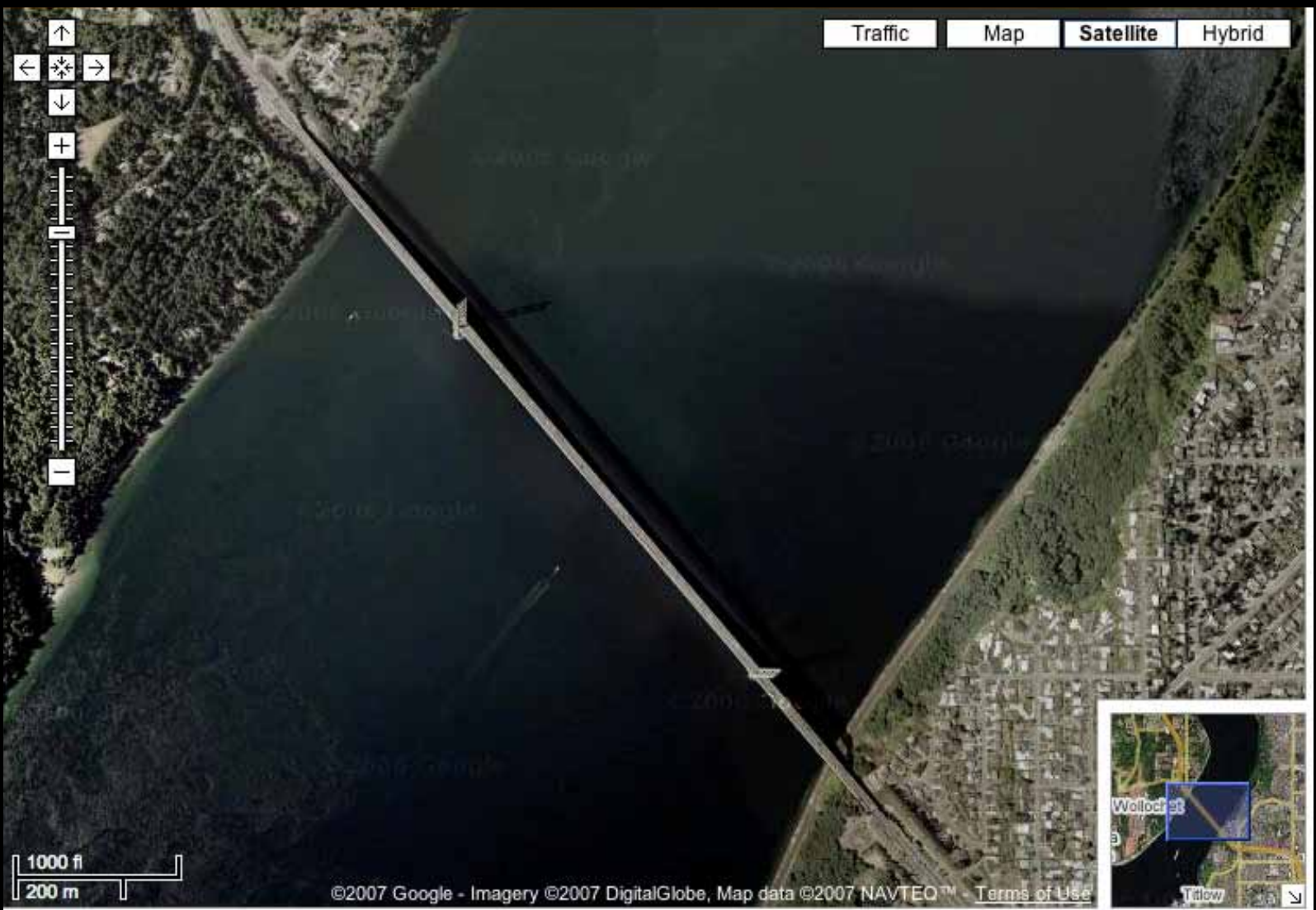
0.000







Material	
S235JR	
Yield Point 235.00	
Von Mises	
(N/mm <sup>2</sup> )	
max	238.01965
	239.39726
	236.27927
	3012.5008
	82.22669
	172.91299
	33.09990
	86.27091
	81.142822
	28.69862
	129.81826
	100.99265
	12.17095
	301.05426
	94.33817
	35.78028
	76.89798
	69.07786
	59.25791
	58.43771
	418.182
	72.22731
	23.97744
	8.15725
min	6.97228



Traffic Map Satellite Hybrid

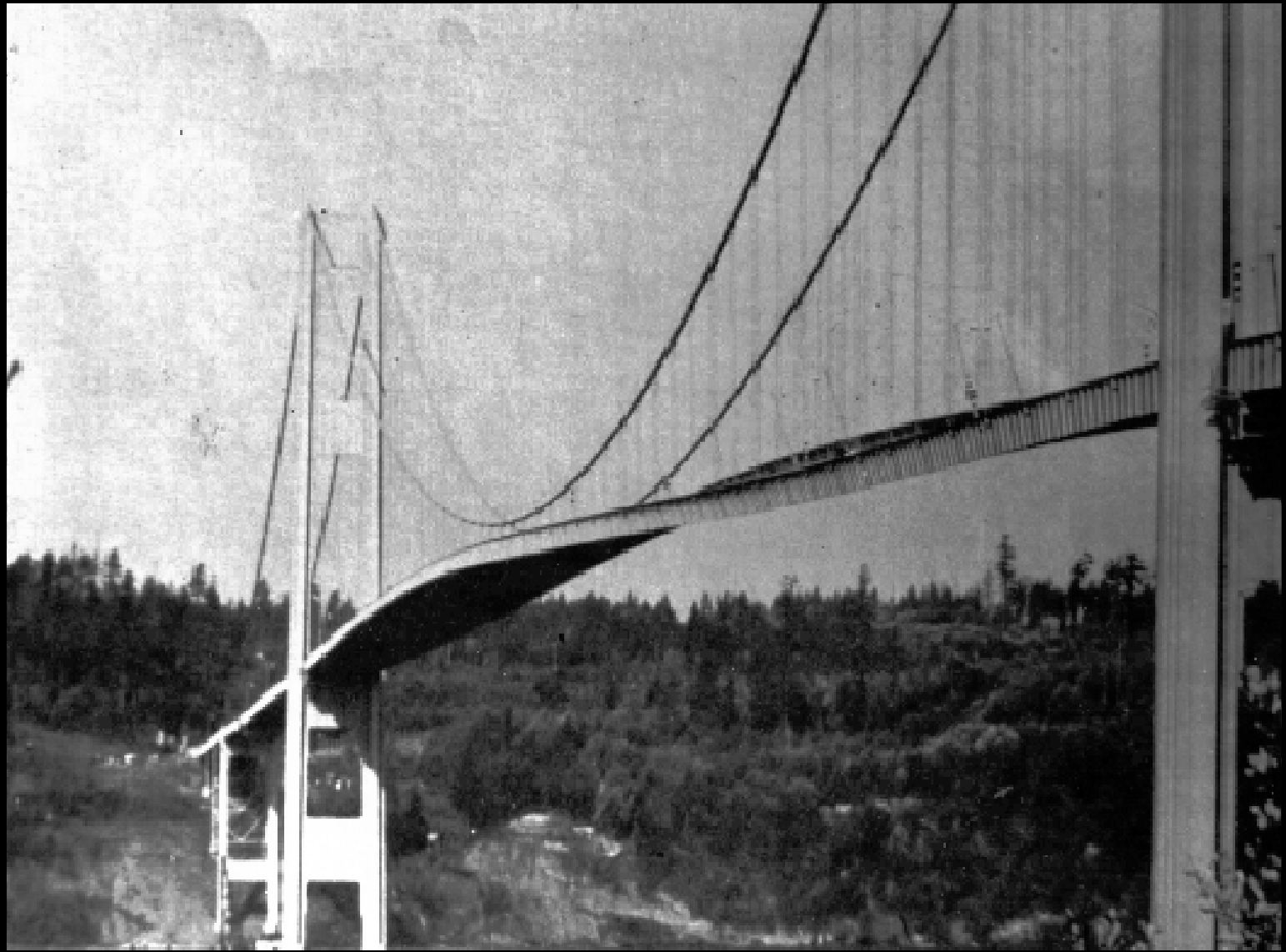


1000 ft  
200 m

©2007 Google - Imagery ©2007 DigitalGlobe, Map data ©2007 NAVTEQ™ - Terms of Use



Open Notebook









**TACOMA NARROWS NEWSREEL  
YOUTUBE**







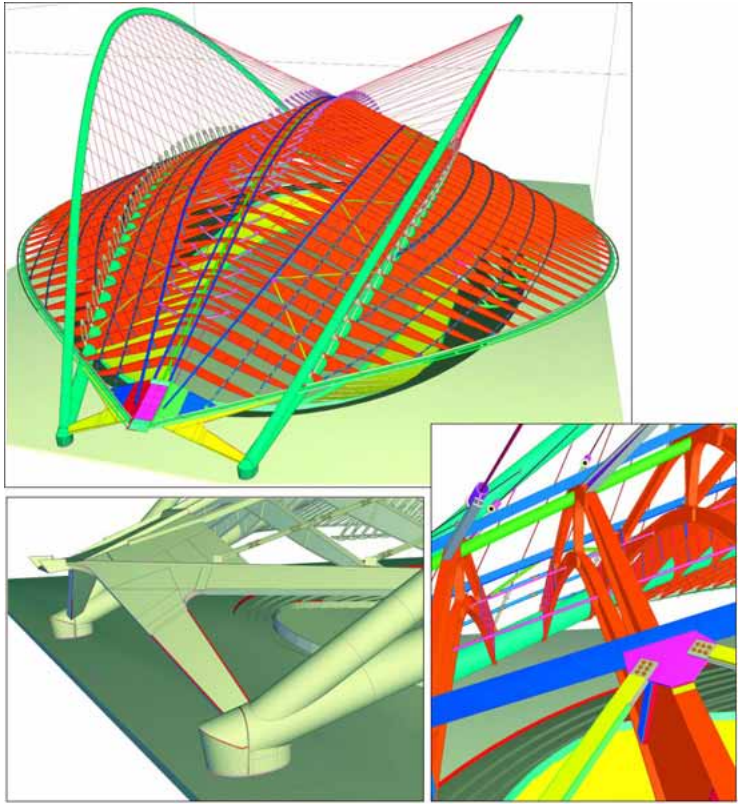
**CALATRAVA**

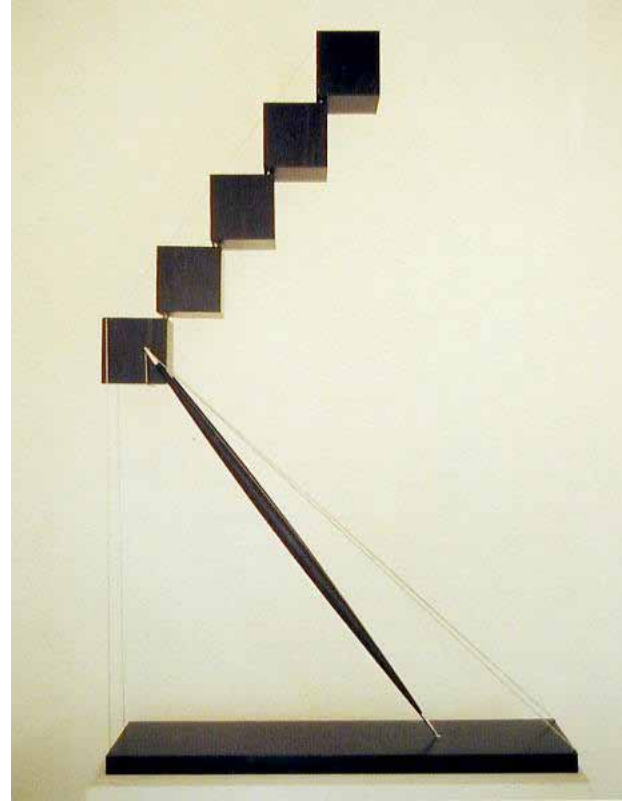
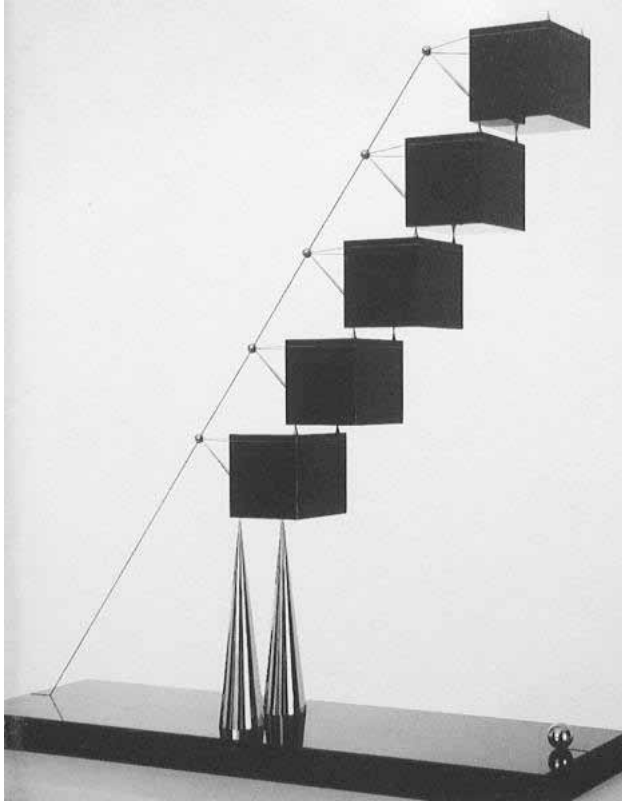


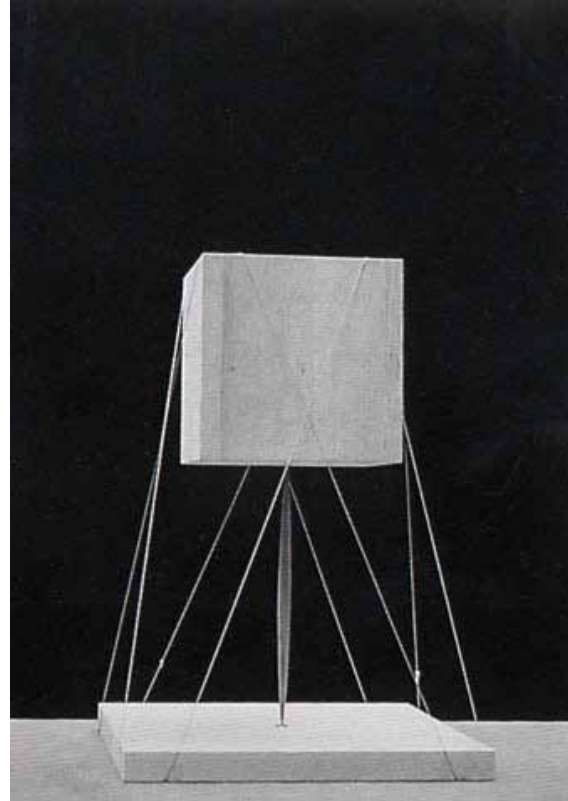
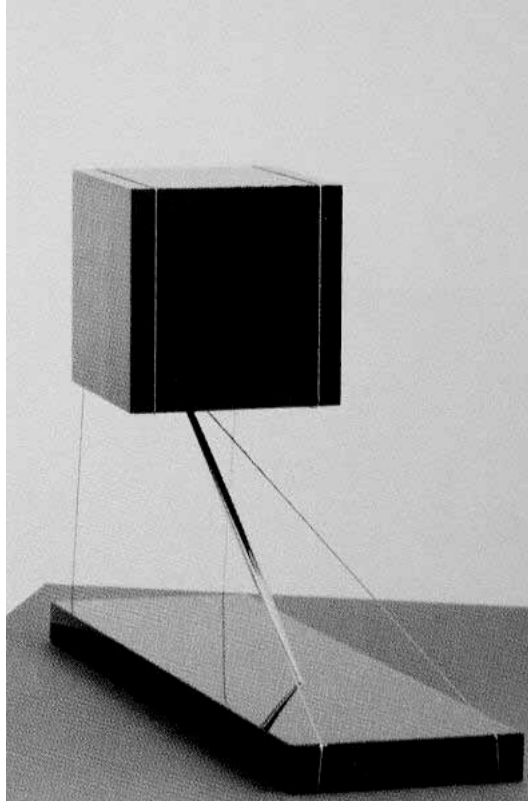
CALATRAVA

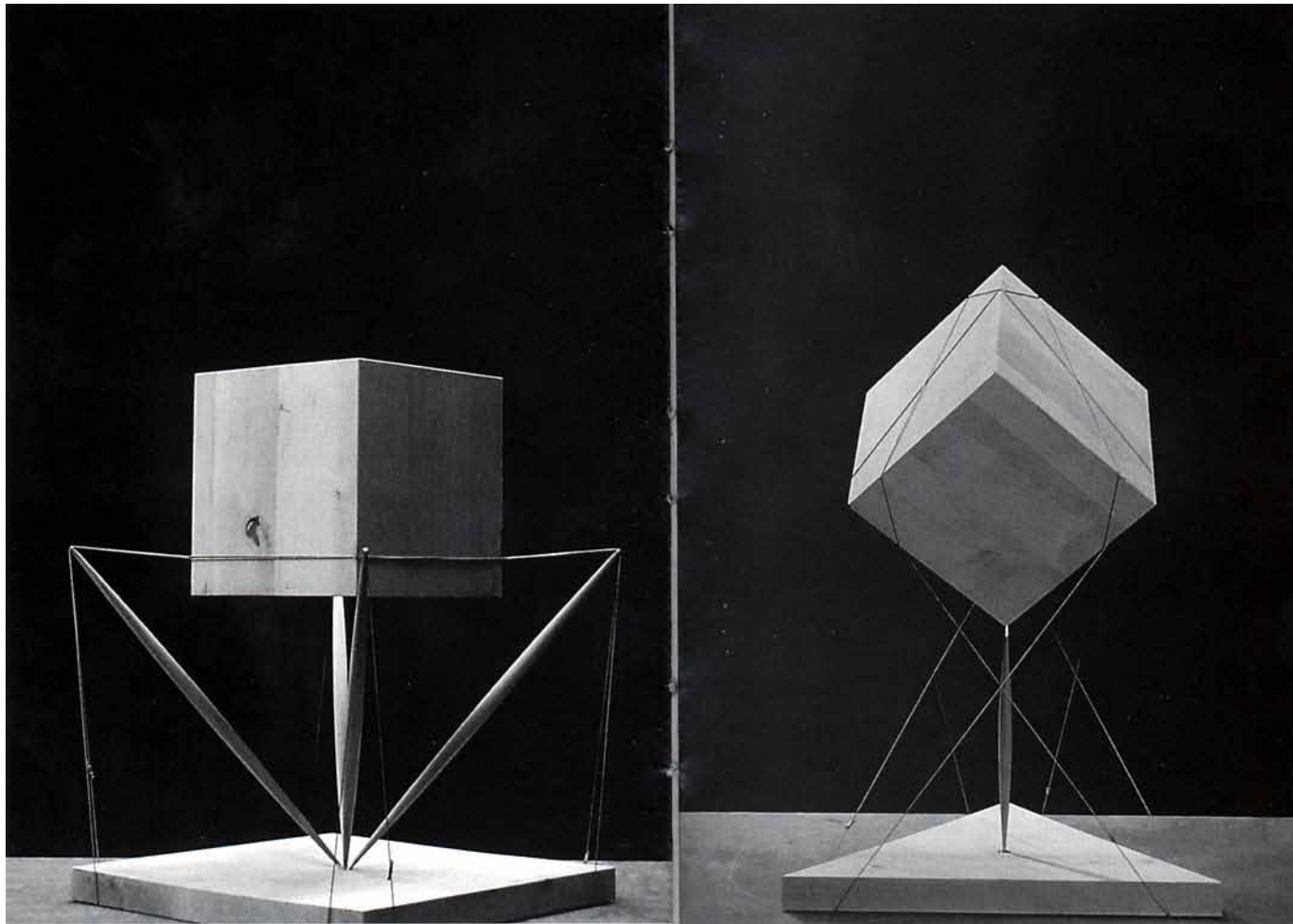


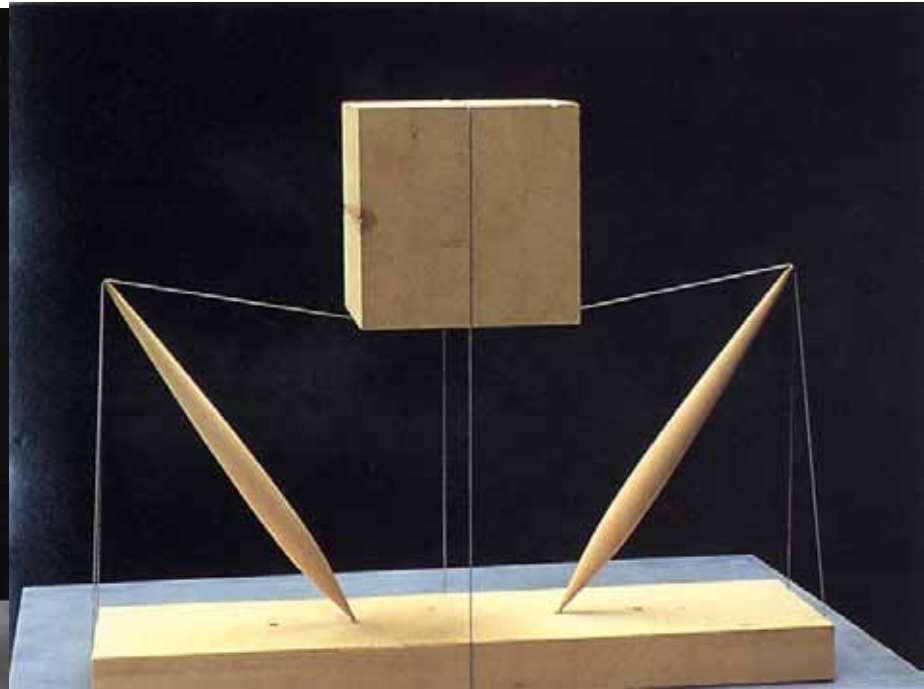
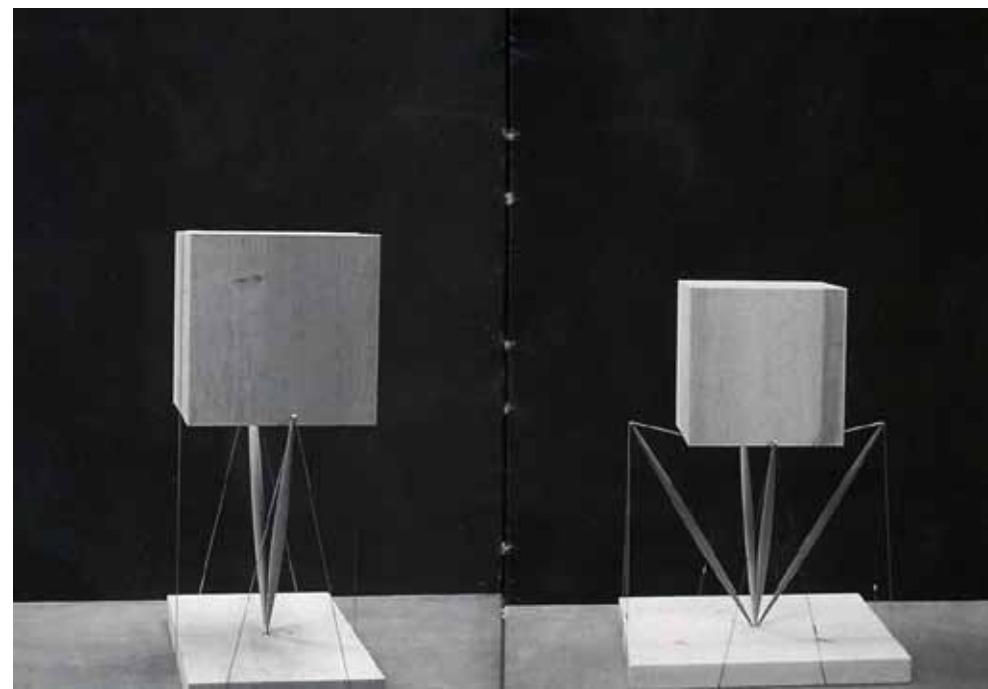


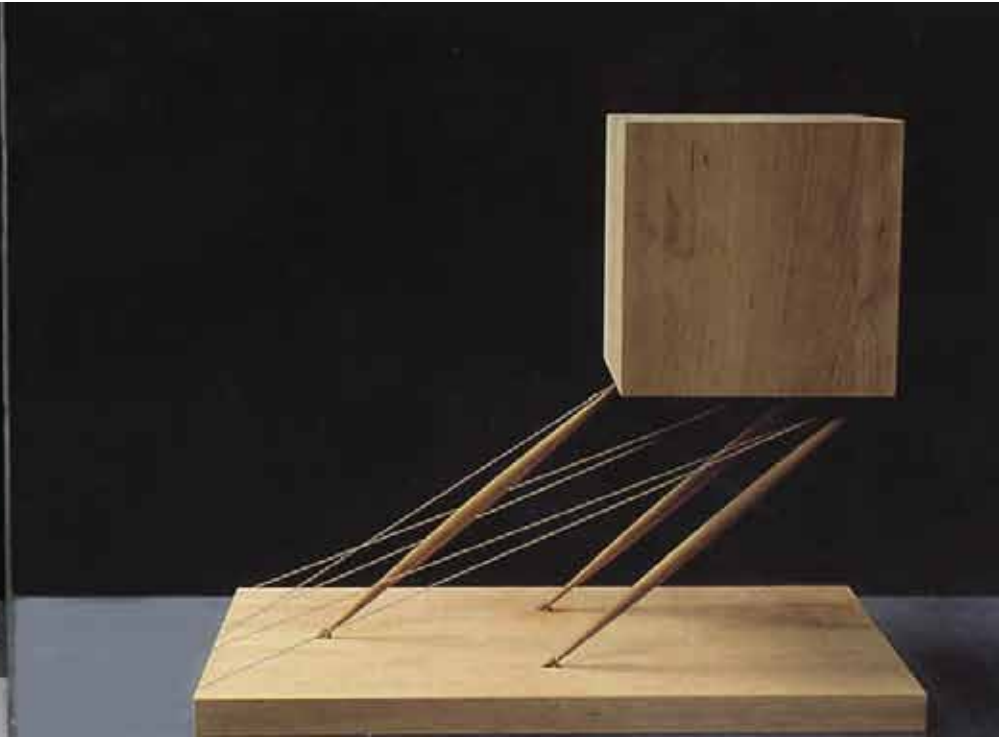
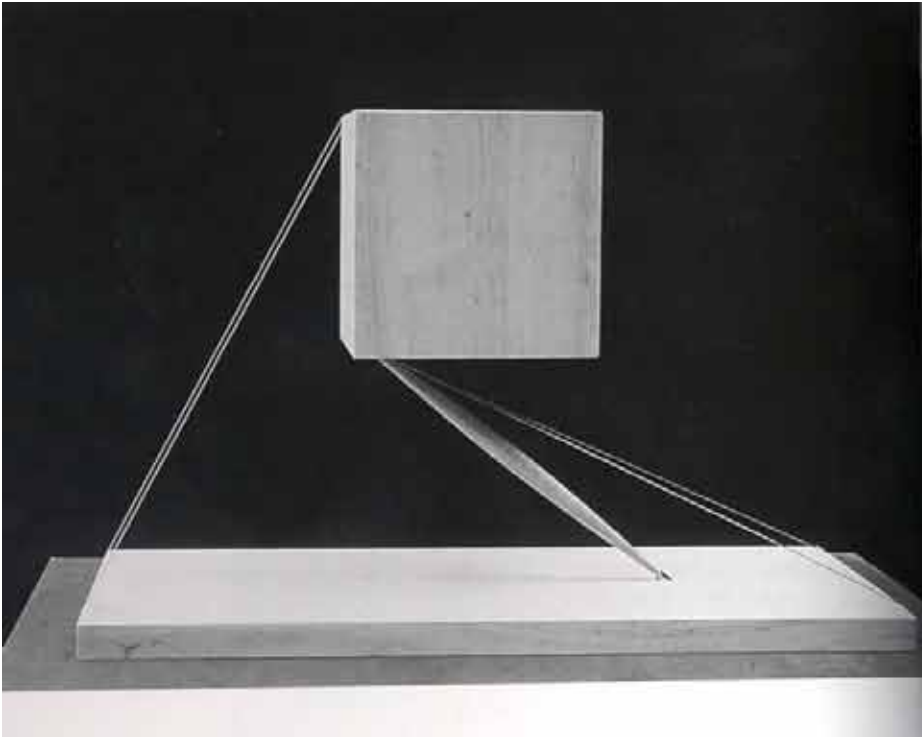












**COVERED**













**PALLADIO**





















**HOUSE**

















**PONTE VECCHIO**





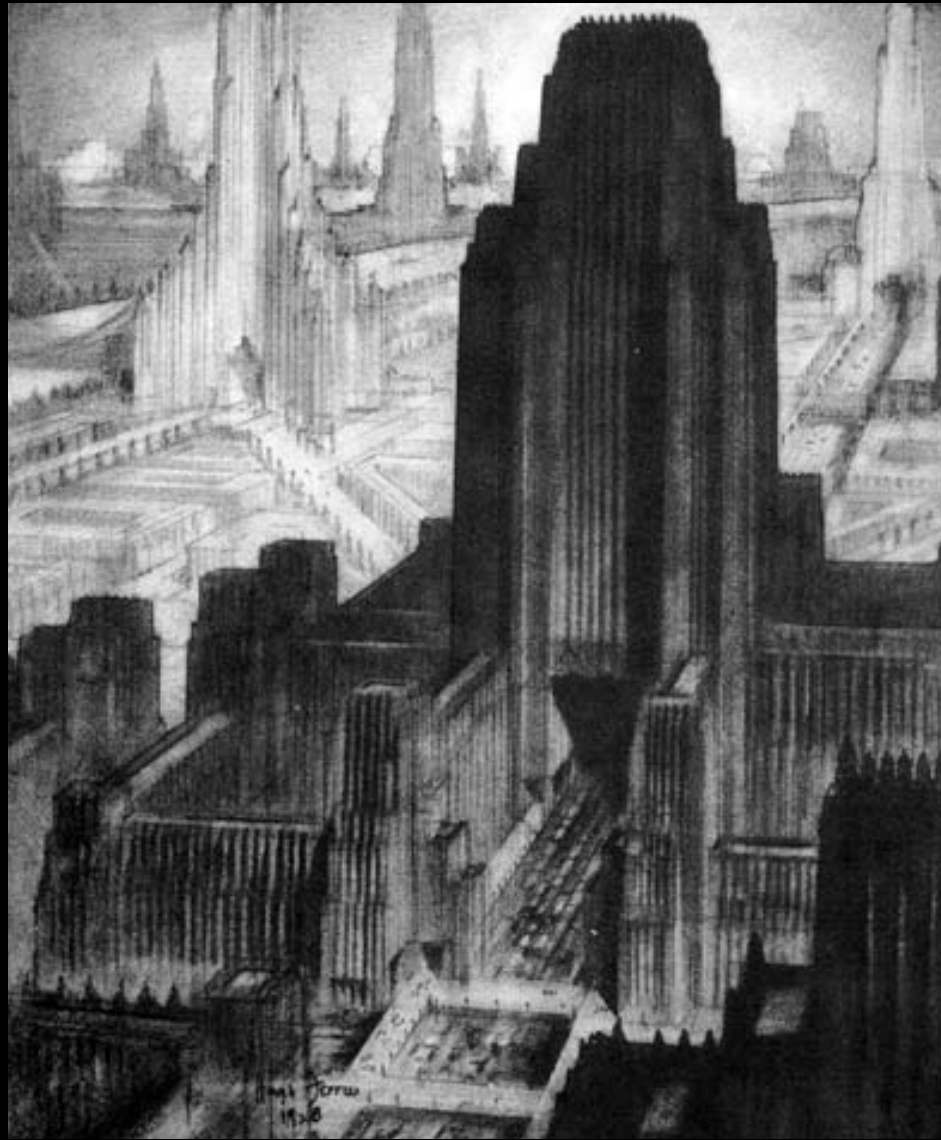


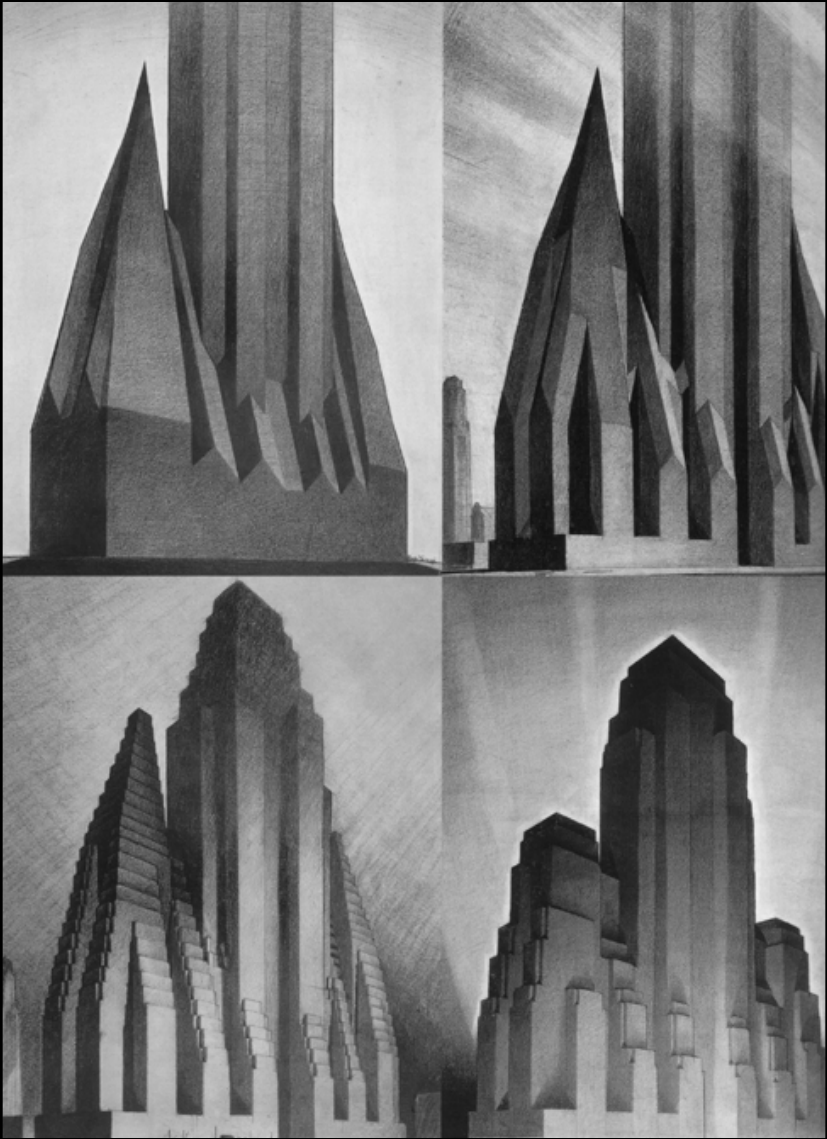




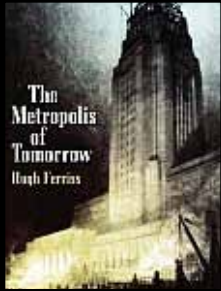
**HUGH FERRISS**









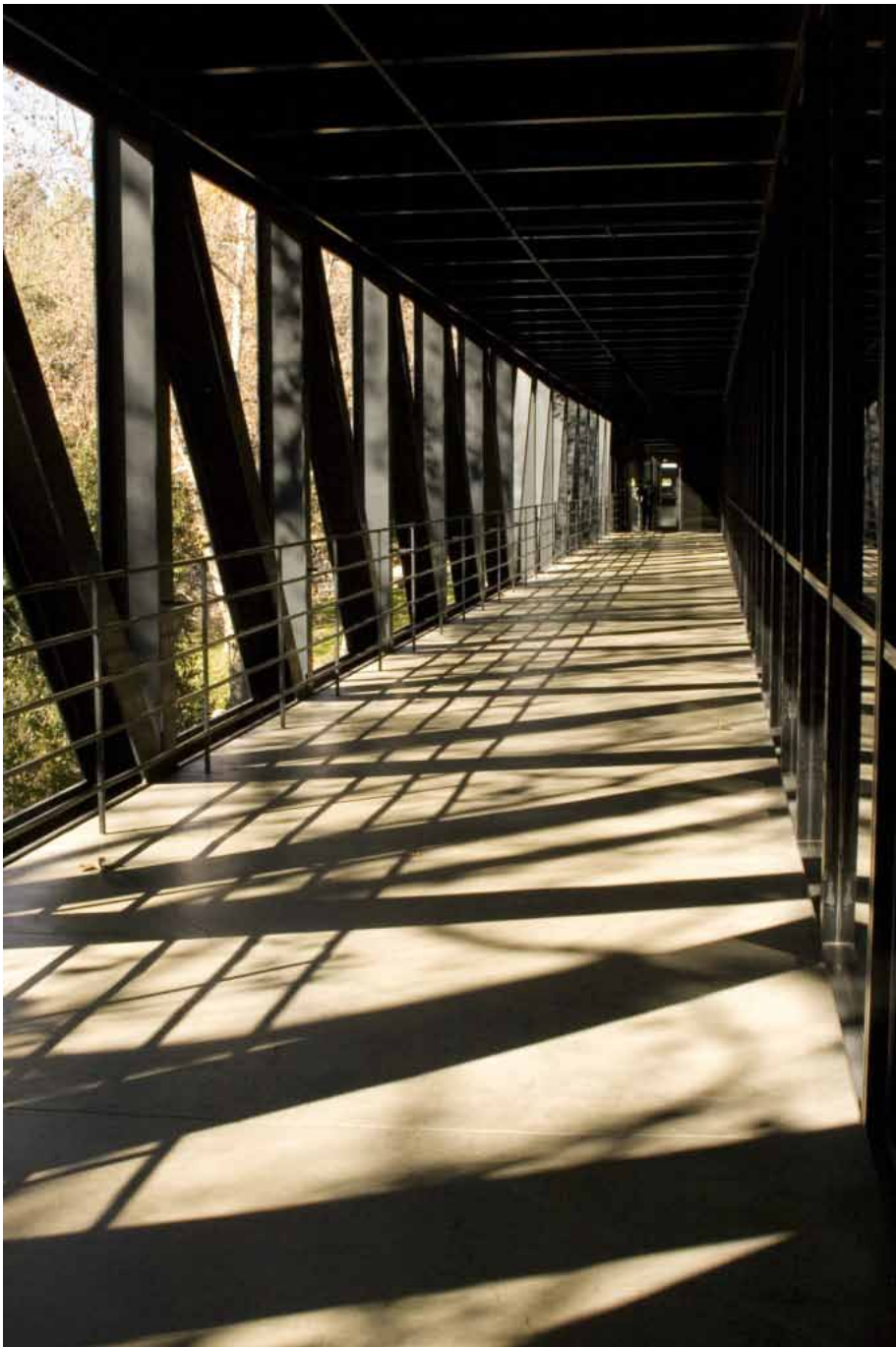


**CRAIG ELLWOOD**









**LIGHT**















**FOSTERS + ARUP**

**AQUEDUCT**



**MOTORWAY**





















**TALL**









**LE VIADUC DE MILLAU**  
**YOUTUBE**

**ART. M. HEIZER**











**MALAYSIA**





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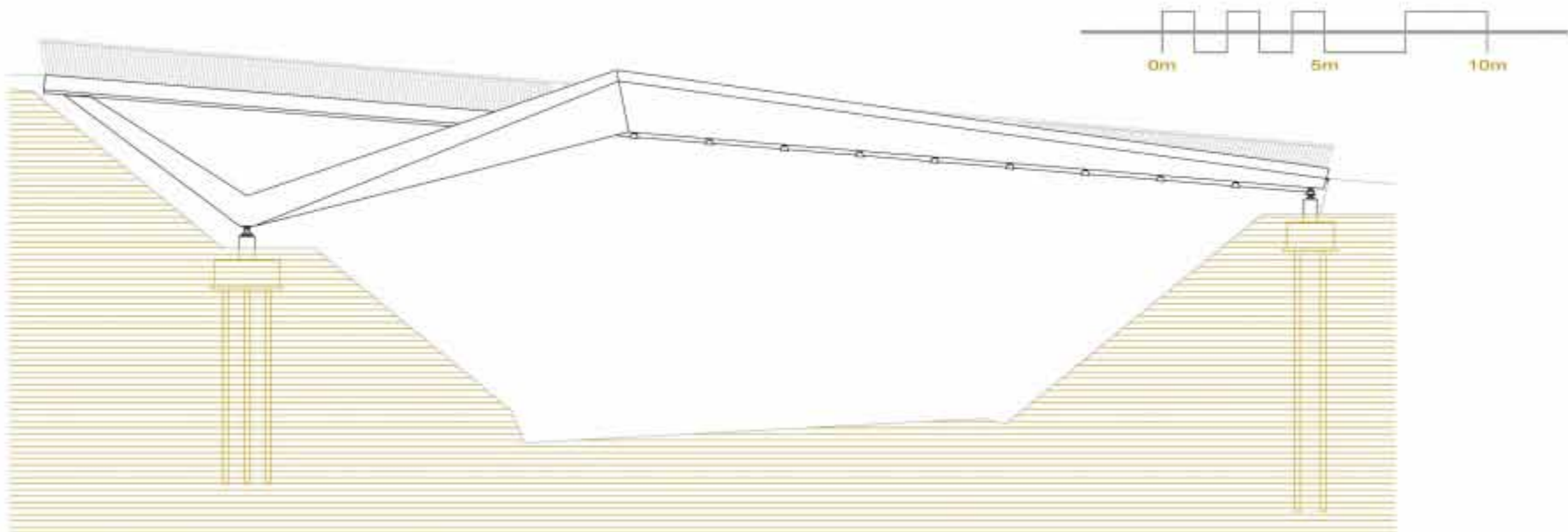
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**SPAIN**

**ALFA POLARIS**





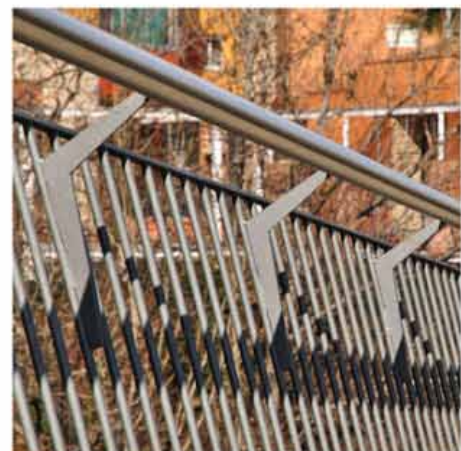
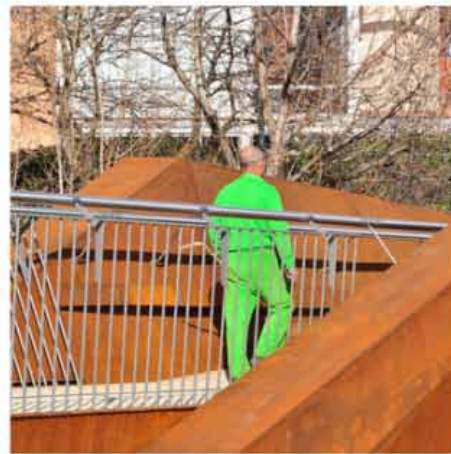


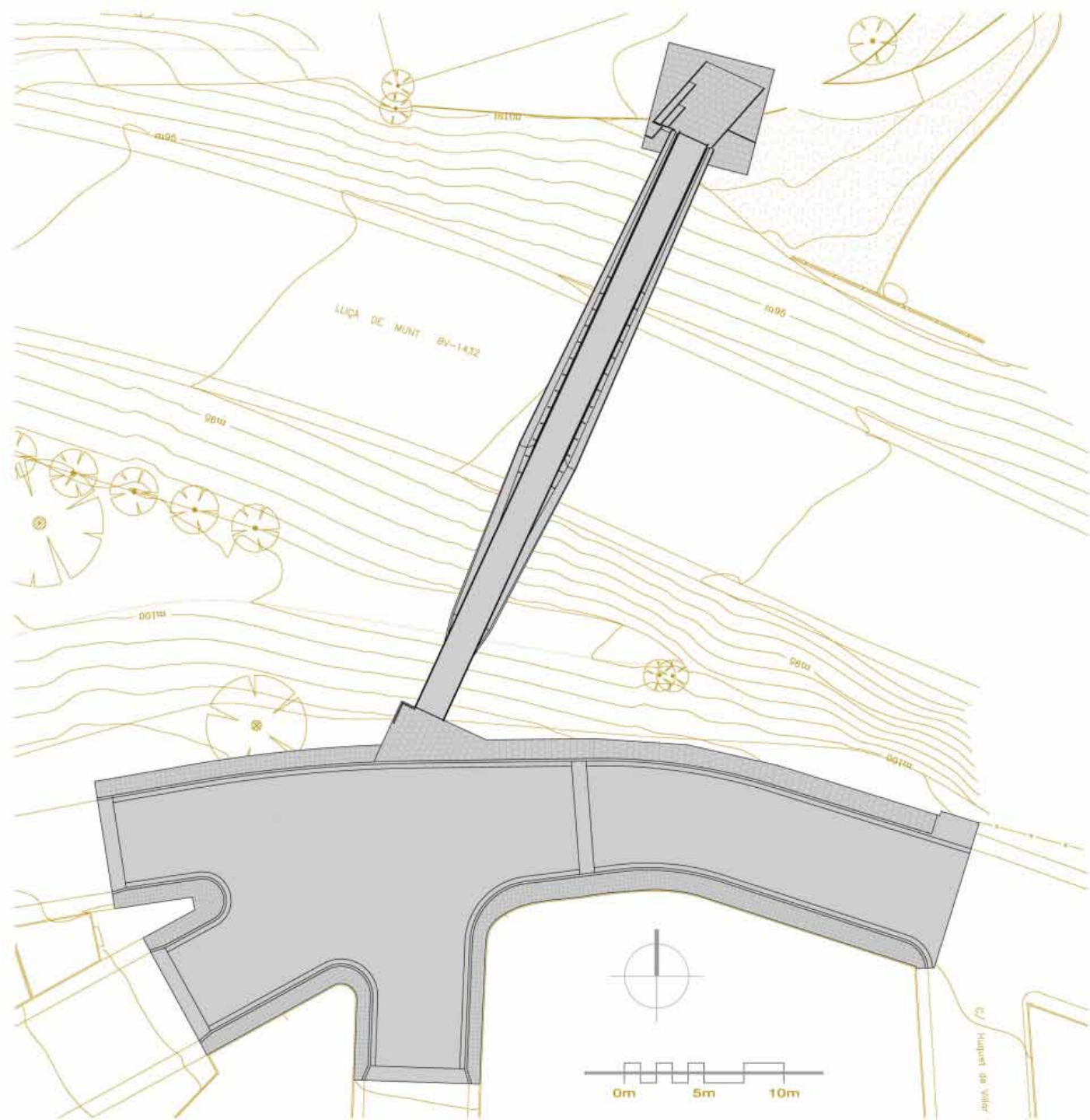
EAST ELEVATION (scale 1/150)









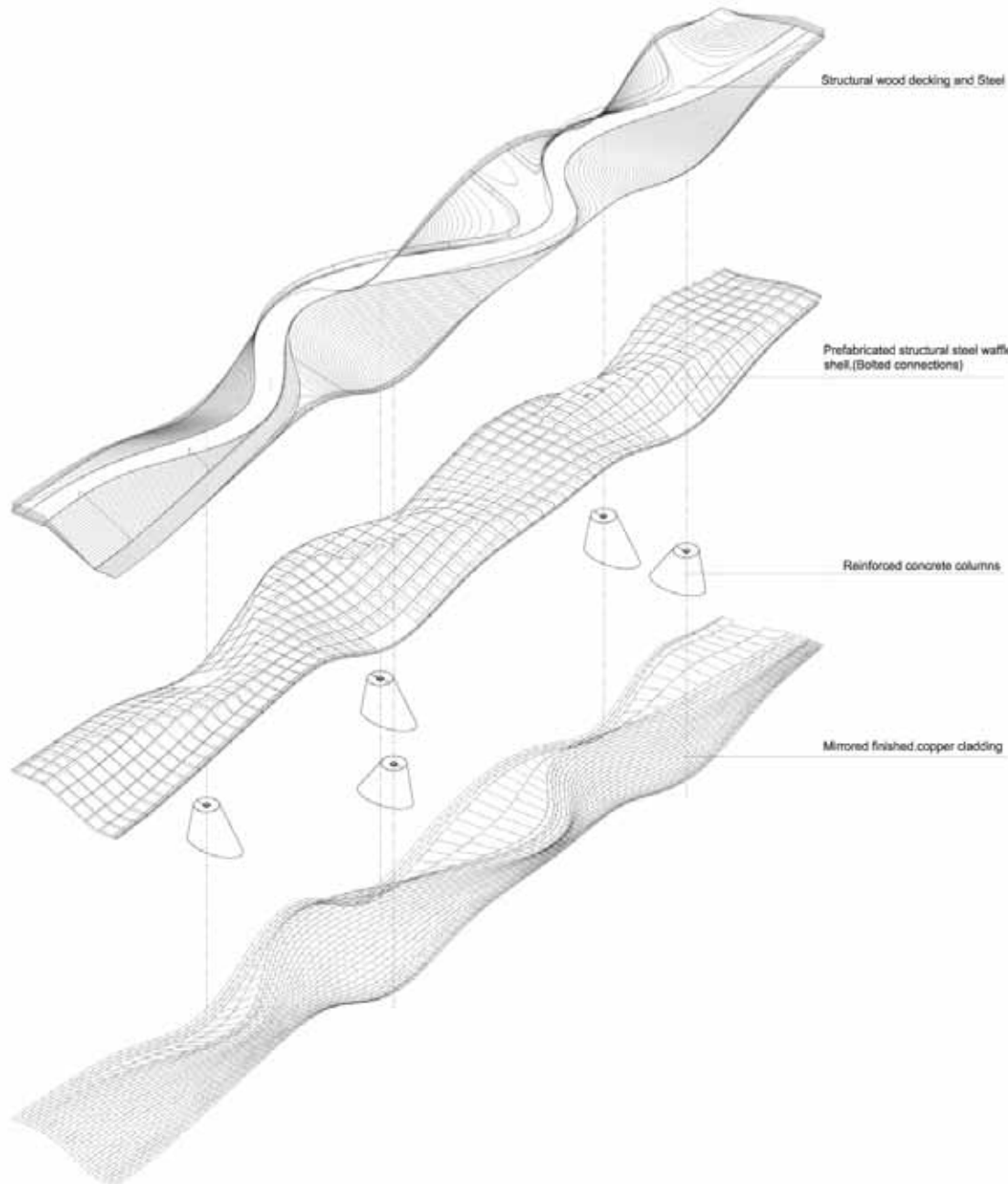


**JA.STUDIO.INC**







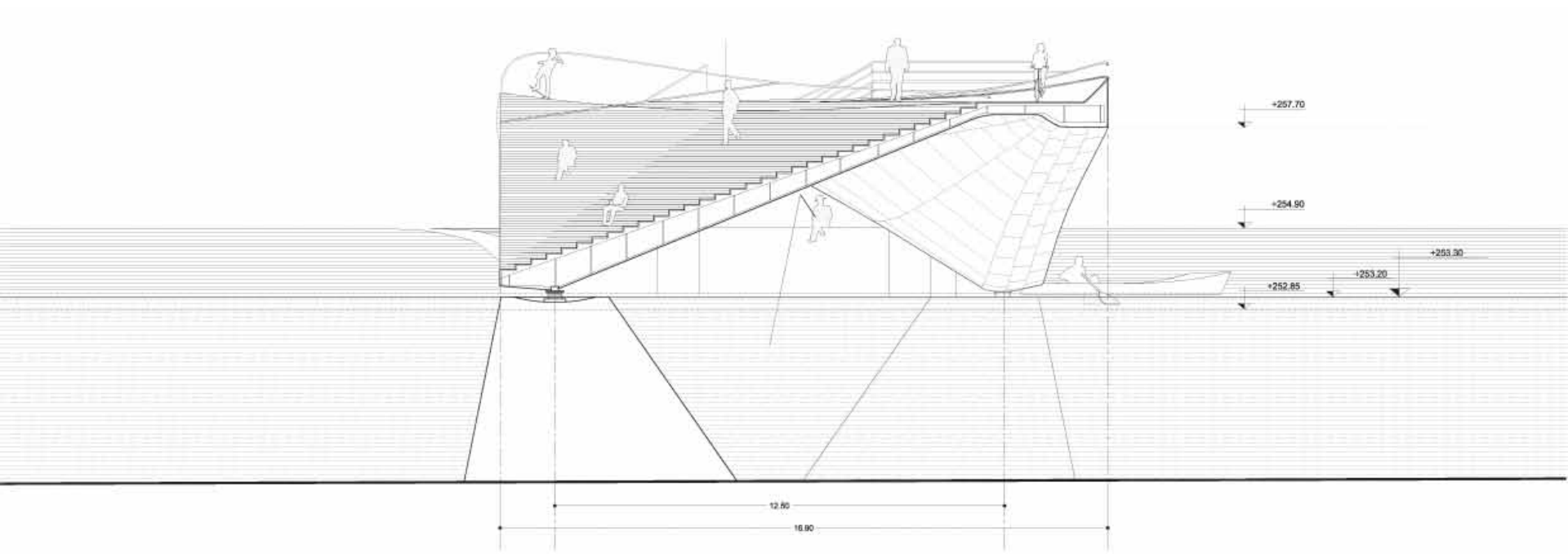


Structural wood decking and steel

Prefabricated structural steel waffled shell (Bolted connections)

Reinforced concrete columns

Mirrored finished copper cladding





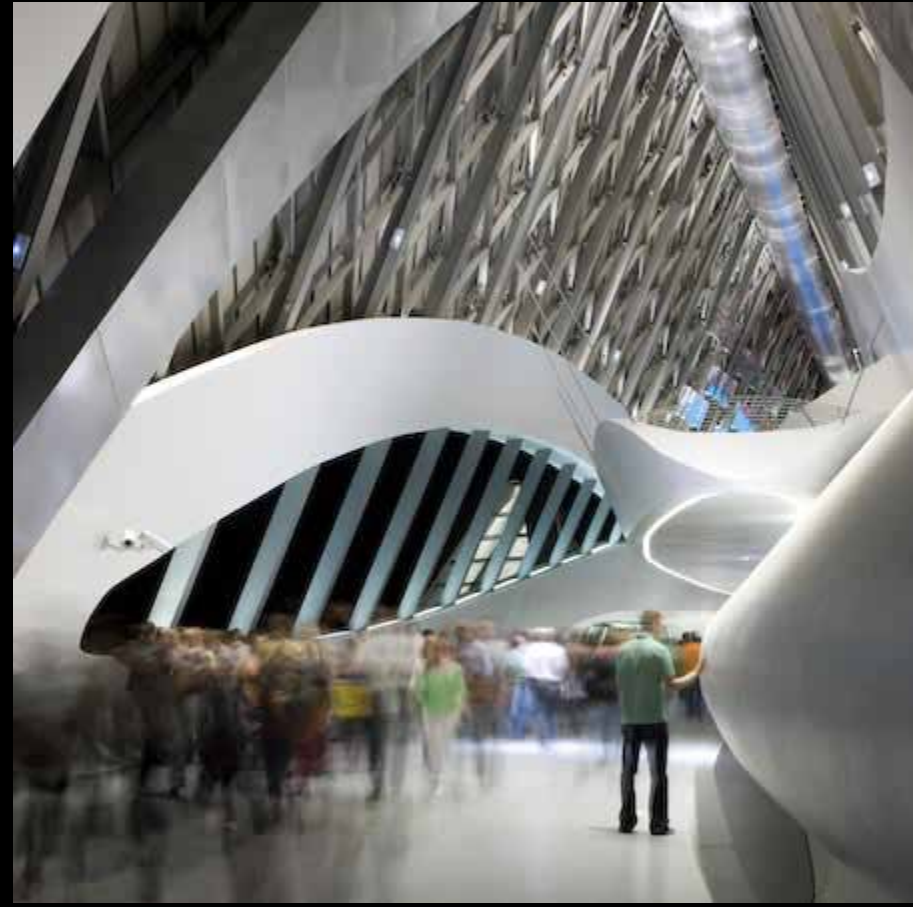


**ZAHA HADID**



ZARAGOZA







**JURGEN MAYER H. ARCHITECTS**  
METROPOL PARASOL

**QUESTIONS?**