

P&C Department Store



The building, housed in the Peek & Cloppenburg store, is located in the city center. It is located along the Schildergasse, the main shopping street in the city, with a flow of 13,000 passers per day. The greatest constraint was the presence of the church of St. Antoniter, which led to the design of a building of predominantly horizontal development and very similar to a greenhouse. The area that opens in front of the entrance and looks at the church makes it a real square: a stopover for tourists and shopping mall customers. The structure of the building is made up of curved arc-shaped "bandages" connected by a steel structure at a height of almost 28m, which takes shape from the study of load distribution and material expansion.

Dati Progetto

Design	1999 - 2002
Construction	2003 - 2005
Site area	4400 m2
Total floor area	23000 m2
Commercial area	14400 m2
Glass facade	4900 m2, 6800 panels
Natural stone facade	4400 m2
Wooden arches on facade	66, over 30 meters high
Height	34 m max
Floors	6 + 1 basement

Credits

Client	Peek & Cloppenburg
Architect	Renzo Piano Building Workshop
Consultants	Knippers & Helbig (structure), Büro Mosbacher (façade), A.Walz (geometry studies)
General contractor	Hochtief Construction

Immagini



Subject	Aerial site view
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Date	
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Image Code	Clg_105
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Author	Knut, Laubner
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Subject	Renzo Piano and Bernard Plattner at the construction site
Date	2004/10/01
Image Code	Clg_183
Author	
Copyright	RPBW - Renzo Piano Building Workshop Architects



Subject	Cover detail
Date	
Image Code	Clg_125
Author	Coreth, Leonhard
Copyright	RPBW - Renzo Piano Building Workshop Architects



Subject	Detail of the facade cladding under construction. The frame consists of 66 laminated wood arches
Date	
Image Code	Clg_157
Author	Coreth, Leonhard
Copyright	RPBW - Renzo Piano Building Workshop Architects



Subject	Detail of the facade cladding. The laminated wood arches are placed 2.5 meters from each other
Date	
Image Code	Clg_c052
Author	Coreth, Leonhard
Copyright	RPBW - Renzo Piano Building Workshop Architects



Subject	External view of the building
Date	
Image Code	Clg__158
Author	Coreth, Leonhard
Copyright	RPBW - Renzo Piano Building Workshop Architects



Subject	Assembly phase of the external coating
Date	
Image Code	Clg__174
Author	Coreth, Leonhard
Copyright	RPBW - Renzo Piano Building Workshop Architects



Subject

Assembly phase of the external coating. The glass part, similar to a greenhouse, is 130 meters long and up to 34 meters high

Date

Image Code

Clg__175

Author

Hartmann, Axel

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Subject	Workers at work on external coating
Date	2004
Image Code	Clg__177
Author	Hartmann, Axel
Copyright	RPBW - Renzo Piano Building Workshop Architects



Subject	External view of the building during assembly
Date	
Image Code	Clg_c060
Author	Coreth, Leonhard
Copyright	RPBW - Renzo Piano Building Workshop Architects



Subject	Assembly phase of the external coating
Date	
Image Code	Clg_c066
Author	Coreth, Leonhard
Copyright	RPBW - Renzo Piano Building Workshop Architects



Subject	Aerial view. The glades structure extends, enhancing the late gothic church of S.Antonier, into the hearth of the pedestrian zone
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Date	
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Image Code	Clg__216
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Author	Denancé, Michel
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Copyright	Denancé, Michel
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Subject	Detail of the wooden and glass façade
Date	2005/09
Image Code	Clg__194
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	View of the curved façade made of 4.900 square meters glass panels
Date	2005/09
Image Code	Clg__196
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	Exterior view. The egg form repeats the layering of levels in the transparent envelope
Date	
Image Code	Clg__211
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	Exterior view by night
Date	2005/09
Image Code	Clg__212
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	Exterior view with context
Date	2005/09
Image Code	Clg__215
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	Esterior view with S.Antoniter church
Date	2005/09
Image Code	Clg__197
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	View of the sculptural curved glass façade which, despite rising up five floors, respectfully interacts with neighbouring historical building such as St.Antoniter church
Date	2005/09
Image Code	Clg__202
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	View of pedestrian area
Date	2005/09
Image Code	Clg__203
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	Covering detail
Date	2005/09
Image Code	Clg__213
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	Construction system of the cladding detail
Date	
Image Code	Clg_130
Author	Coreth, Leonhard
Copyright	RPBW - Renzo Piano Building Workshop Architects



Subject

Facade detail. the curved glulam blades are rigid by horizontal sliding. The solar control glazing was made with extra-clear glass

Date

Image Code

Clg__240

Author

Paolo Rosselli photographer

Copyright

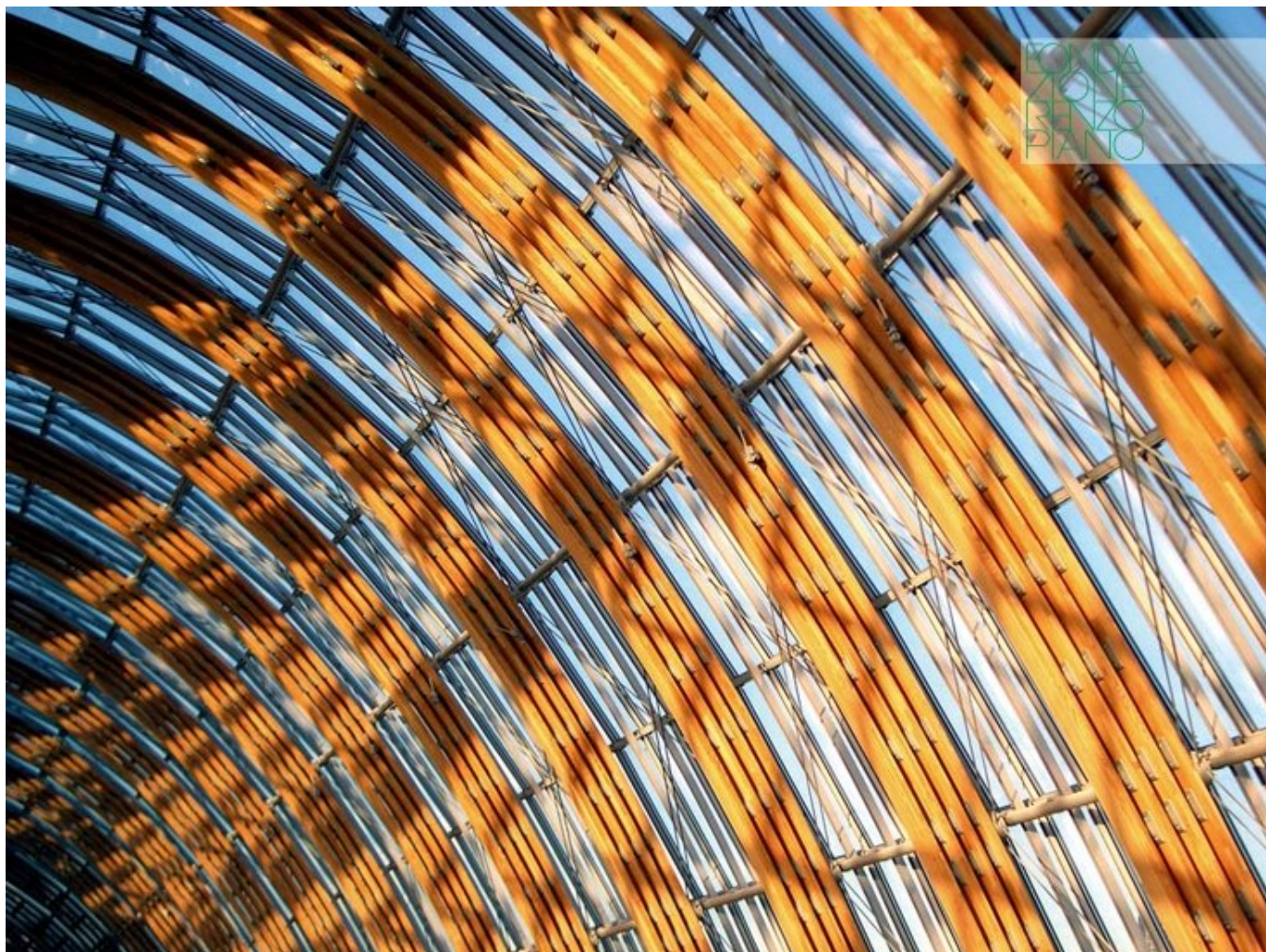
Paolo Rosselli photographer



Subject	View of the top floor: the wood blade ribbing come together at the peak
Date	
Image Code	Clg__219
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	Detail of the slats and facing glass
Date	2005/09
Image Code	Clg__224
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	Construction system of the cladding detail
Date	
Image Code	Clg_111
Author	Coreth, Leonhard
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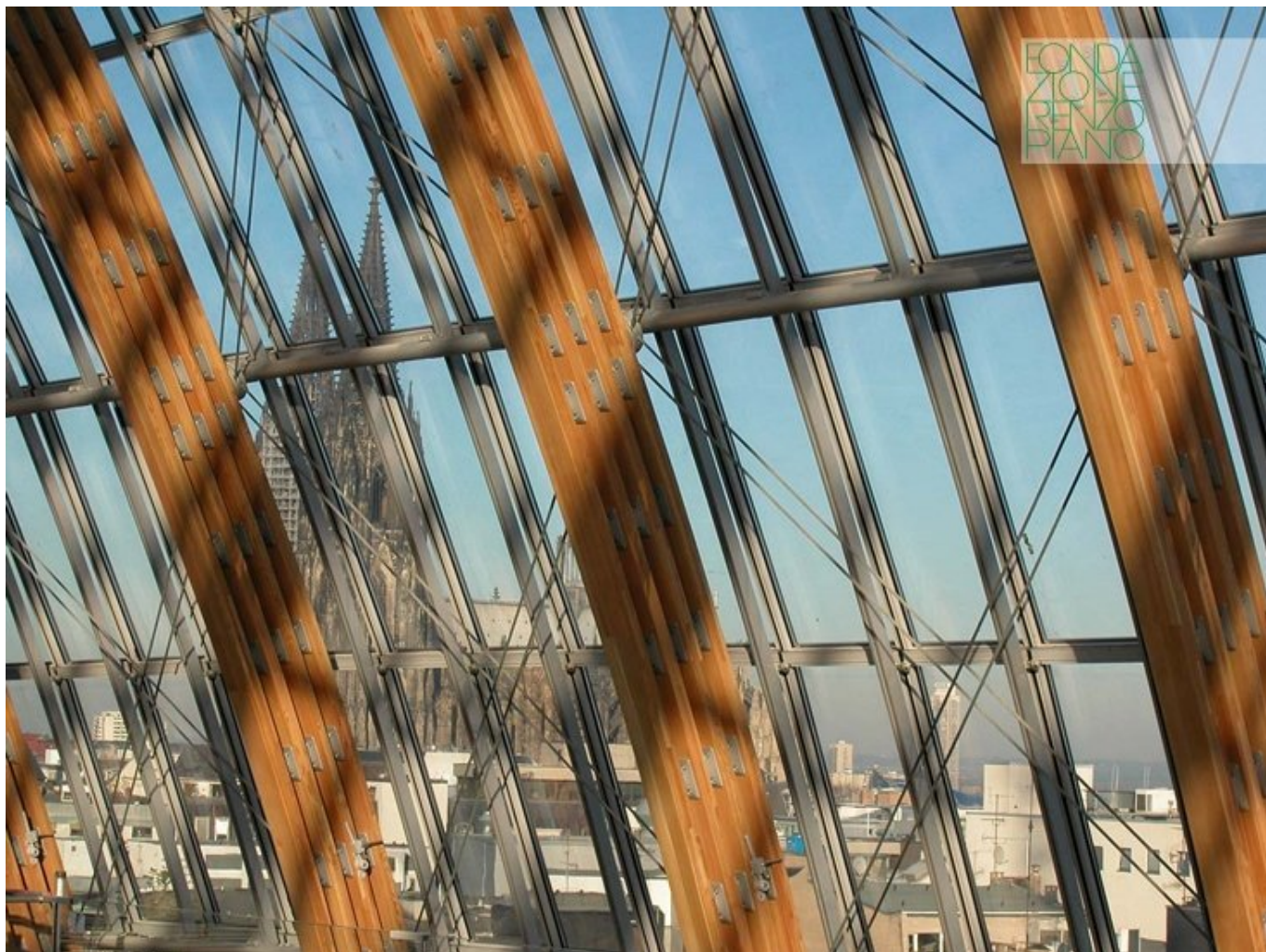
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Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	Coverage detail
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Image Code	Clg__220
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	Coverage detail
Date	2005/09
Image Code	Clg__227
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject

Detail of the facade cladding

Date

Image Code

Clg__092

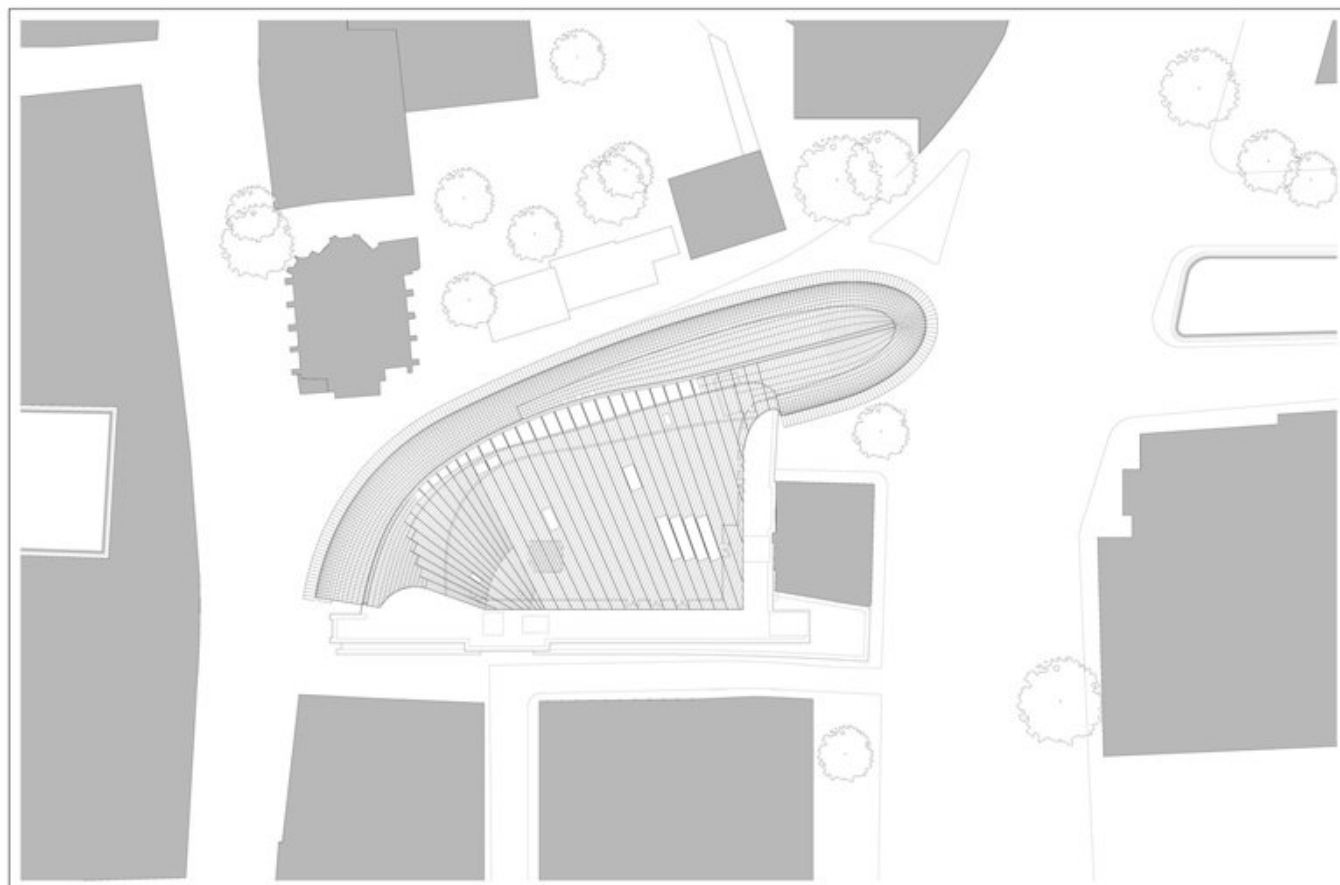
Author

Coreth, Leonhard

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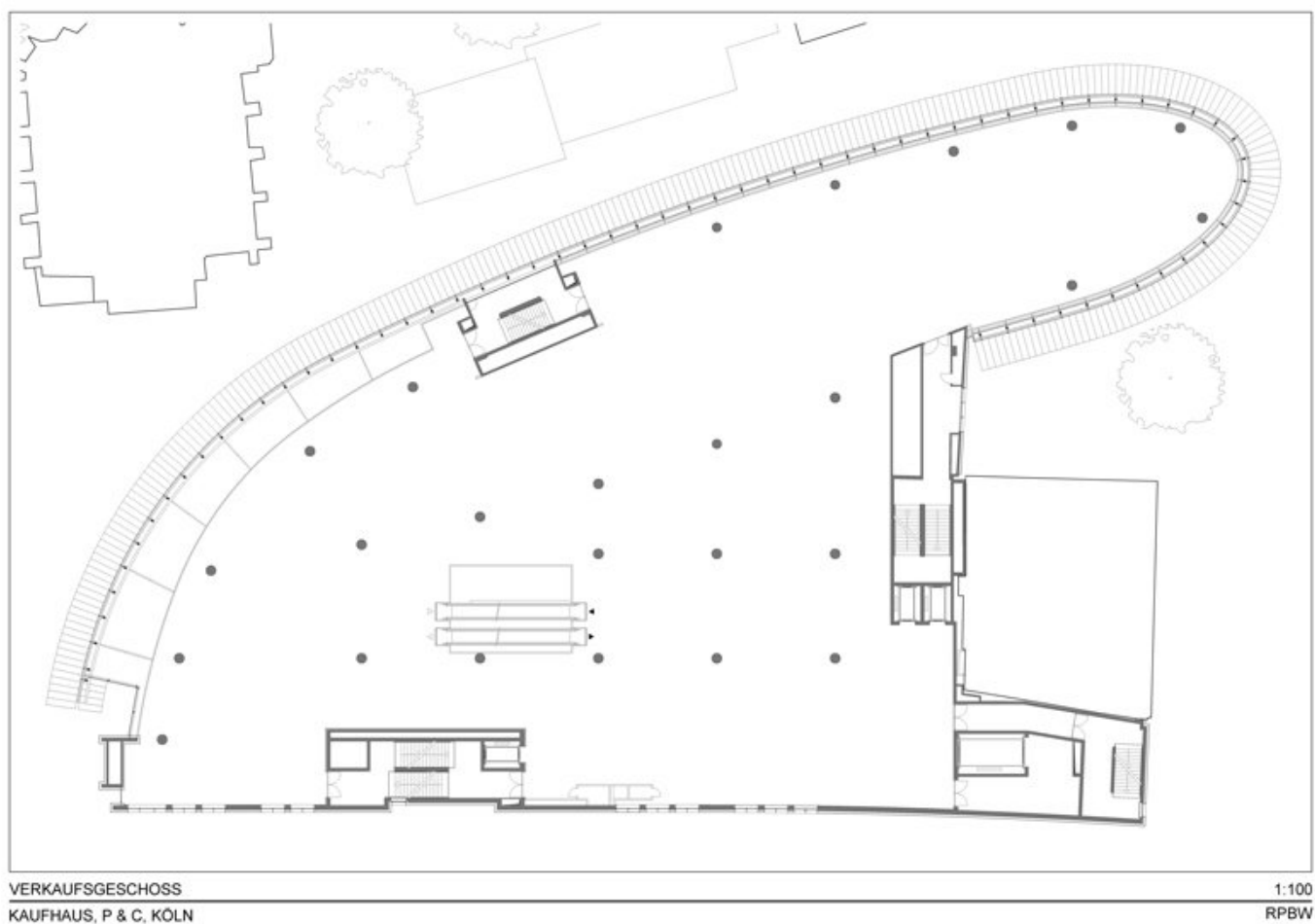
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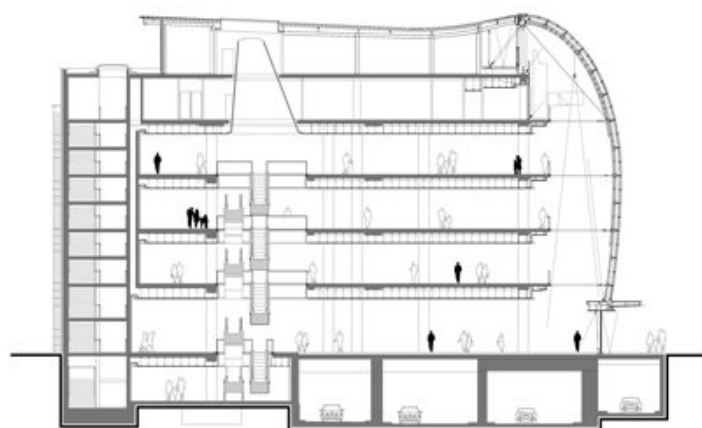
LAGEPLAN
KAUFHAUS, P & C, KÖLN

1:200
RPBW

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Drawing number	-
Drawing code	CLG_DW_001
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



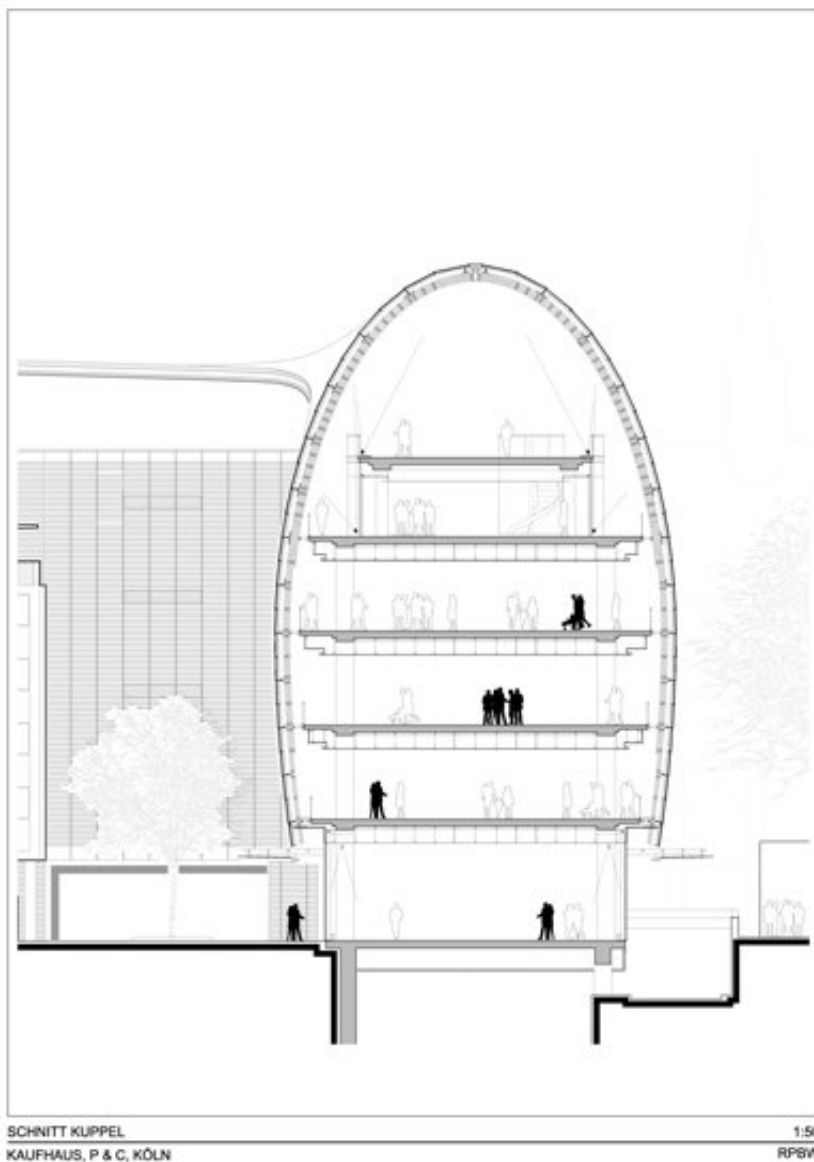
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Date	2005/01/01
Drawing number	-
Drawing code	CLG_DW_002
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



GEBÄUDESCHNITT
KAUFHAUS, P & C, KÖLN

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RPBW

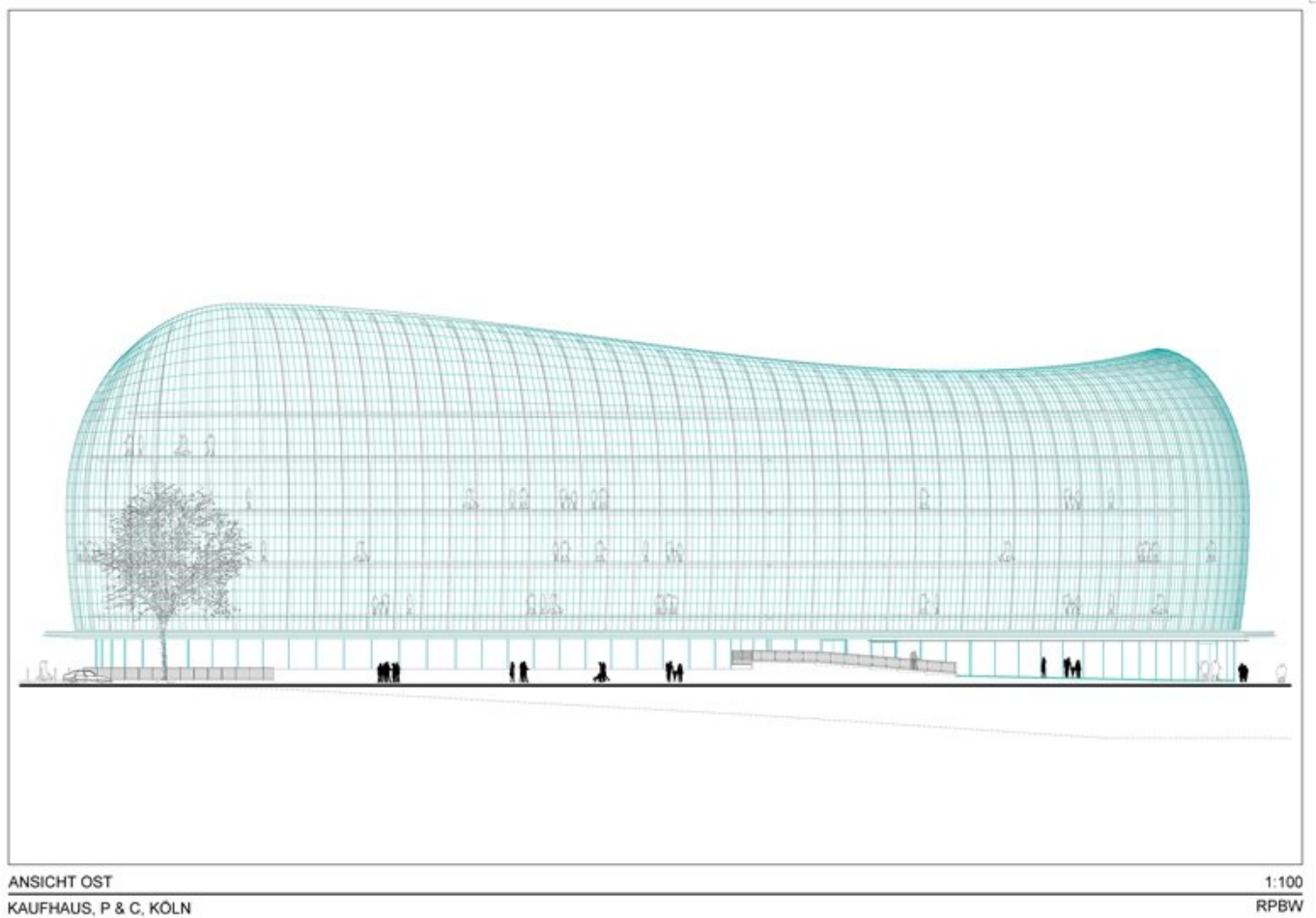
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Date	2005/01/01
Drawing number	-
Drawing code	CLG_DW_003
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



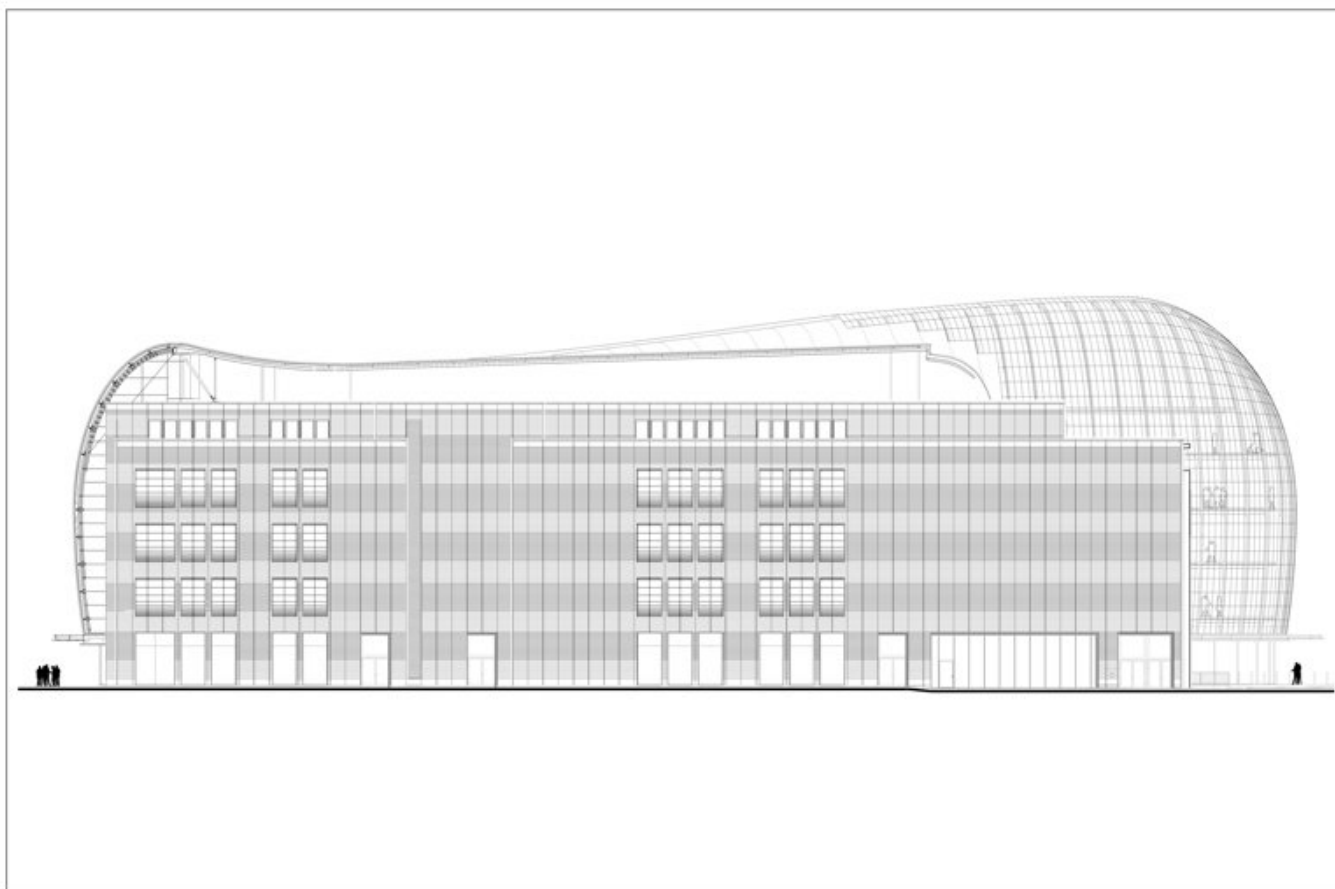
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Drawing code	CLG_DW_004
Author	Renzo Piano Building Workshop

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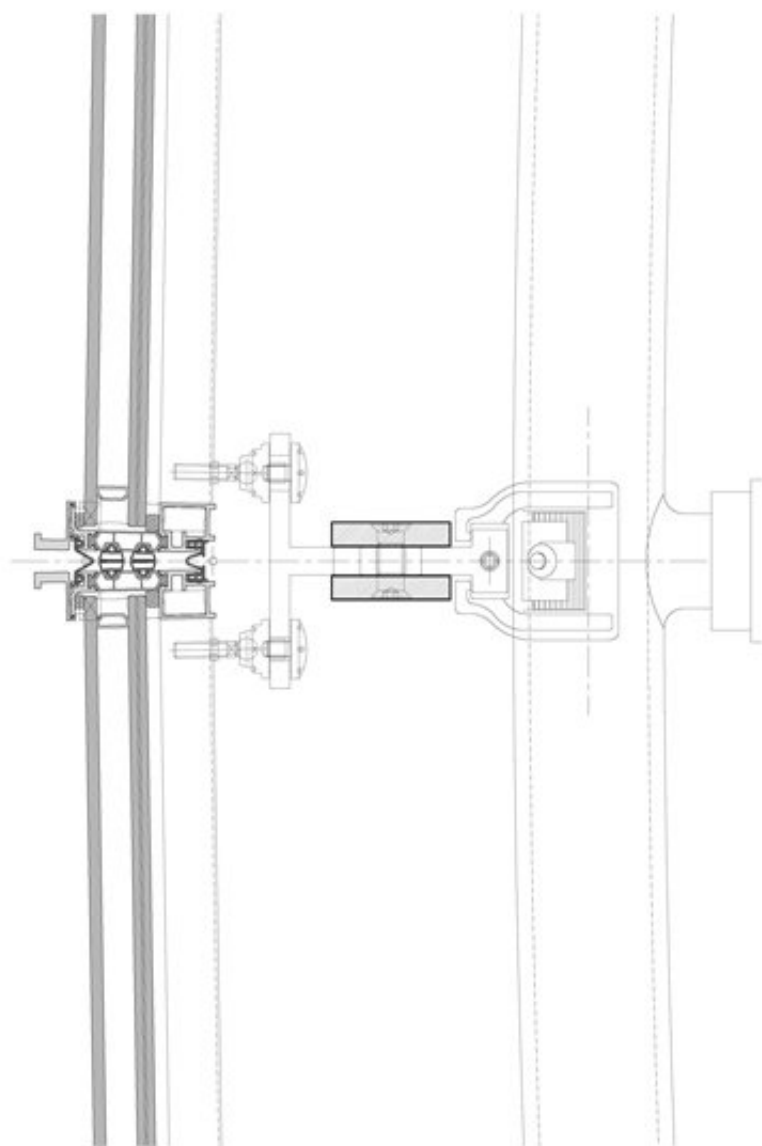
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Date	2005/01/01
Drawing number	-
Drawing code	CLG_DW_006
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ANSICHT WEST
KAUFHAUS, P & C, KÖLN

1:100
RPBW

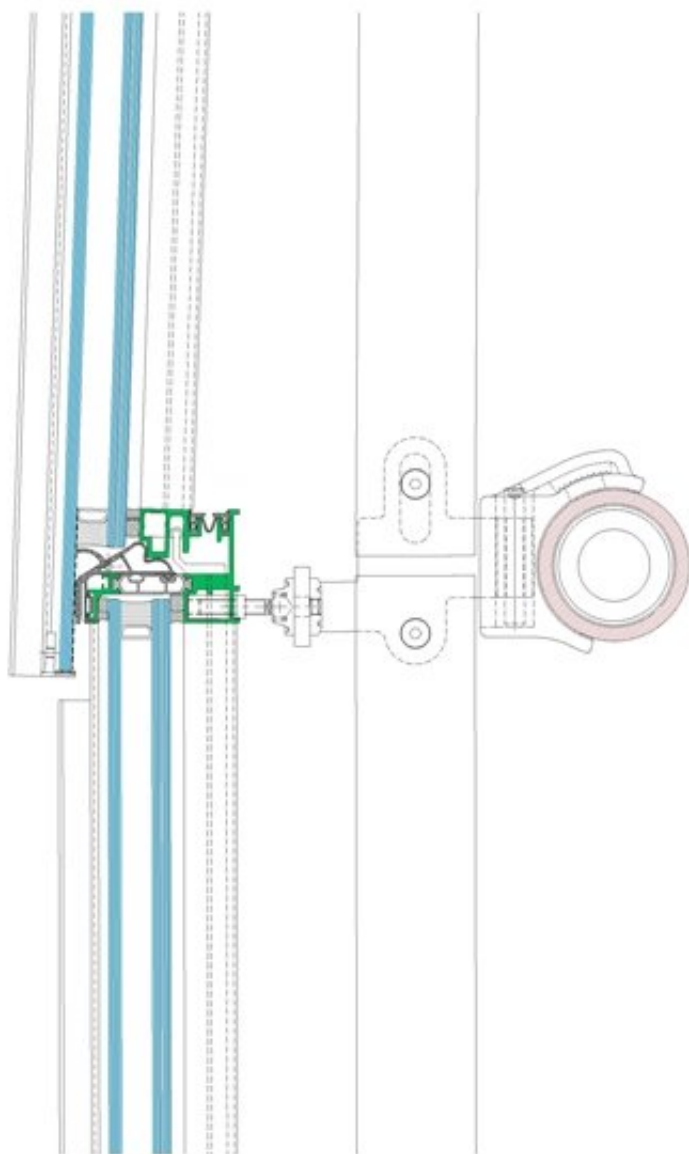
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Date	2005/01/01
Drawing number	-
Drawing code	CLG_DW_008
Author	Renzo Piano Building Workshop
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Title	Facade Detail
Scale	1:1
Date	2005/01/01
Drawing number	-
Drawing code	CLG_DW_009
Author	Renzo Piano Building Workshop

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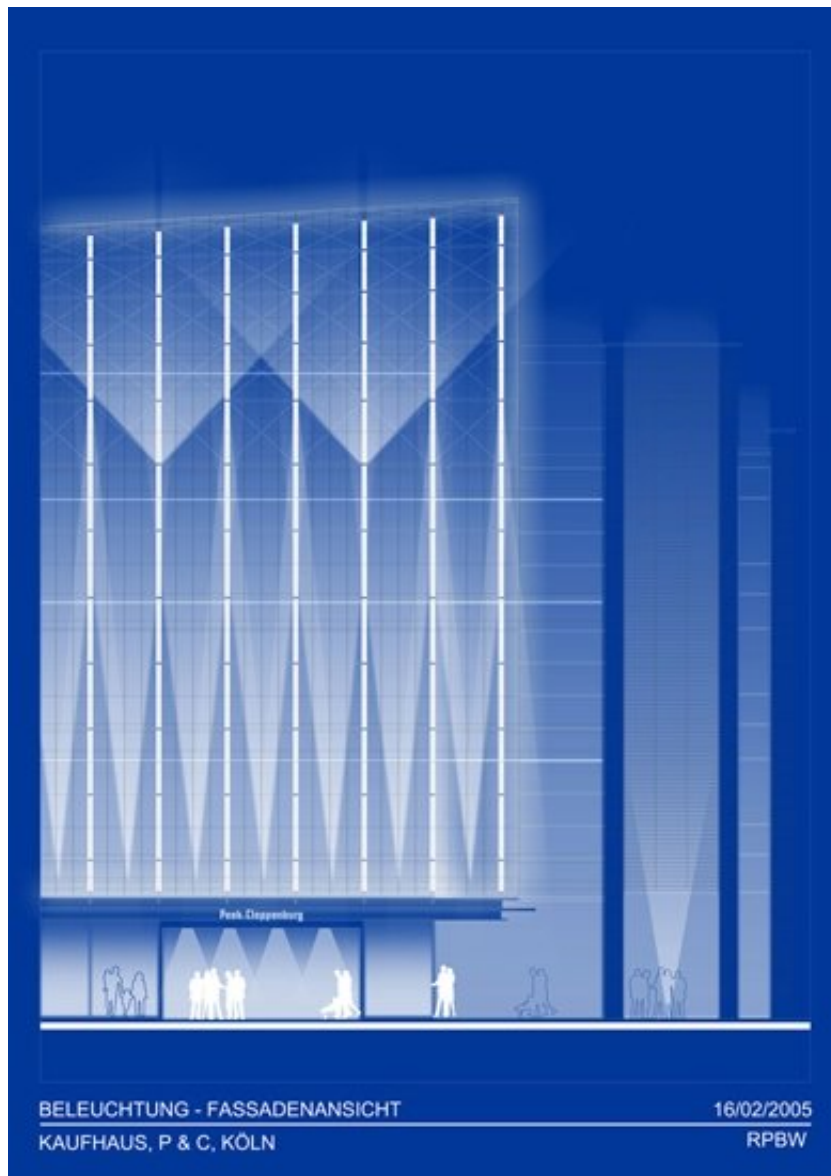
Renzo Piano Building Workshop



Title	Facade Detail
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Drawing code	CLG_DW_010
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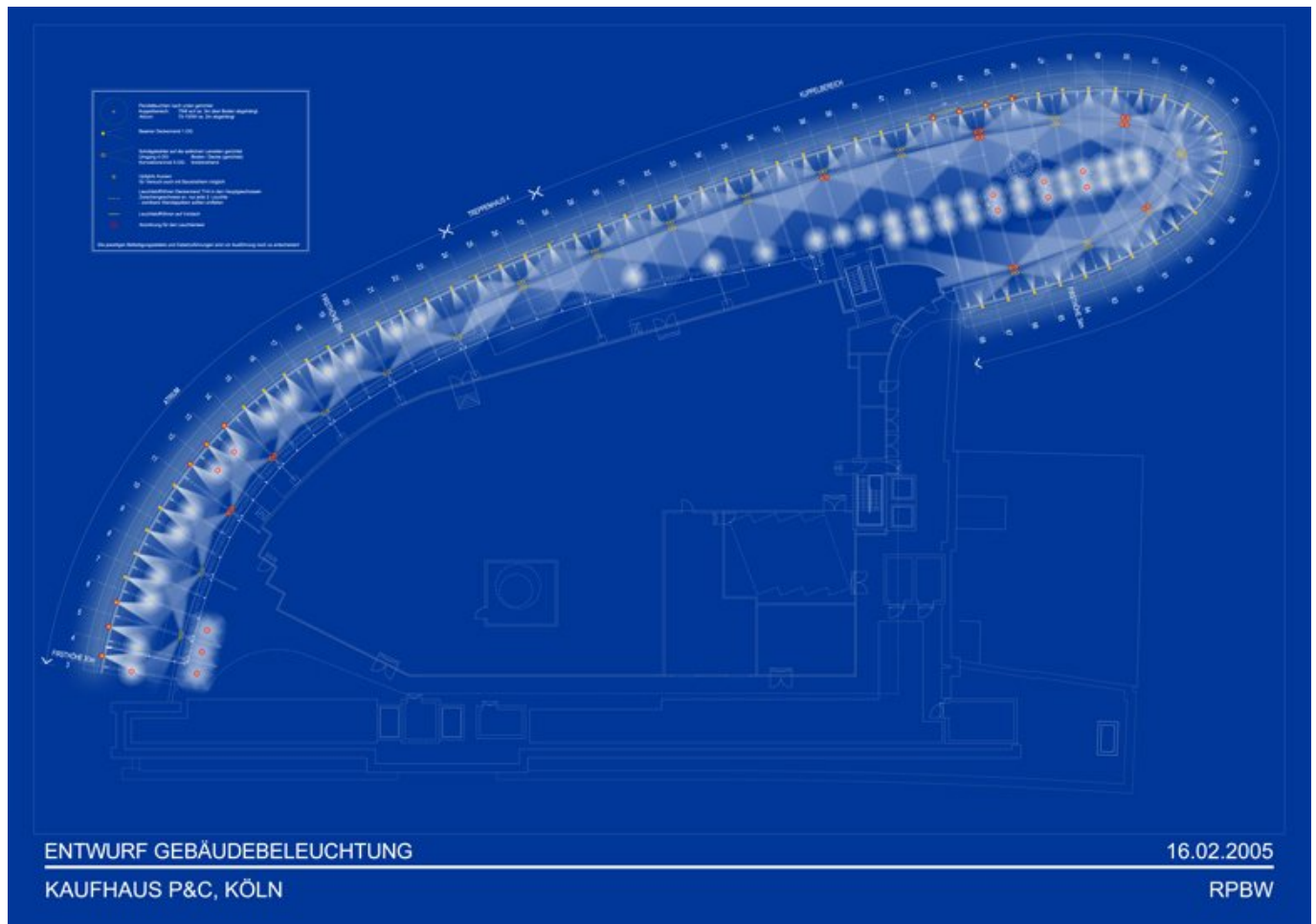
Renzo Piano Building Workshop



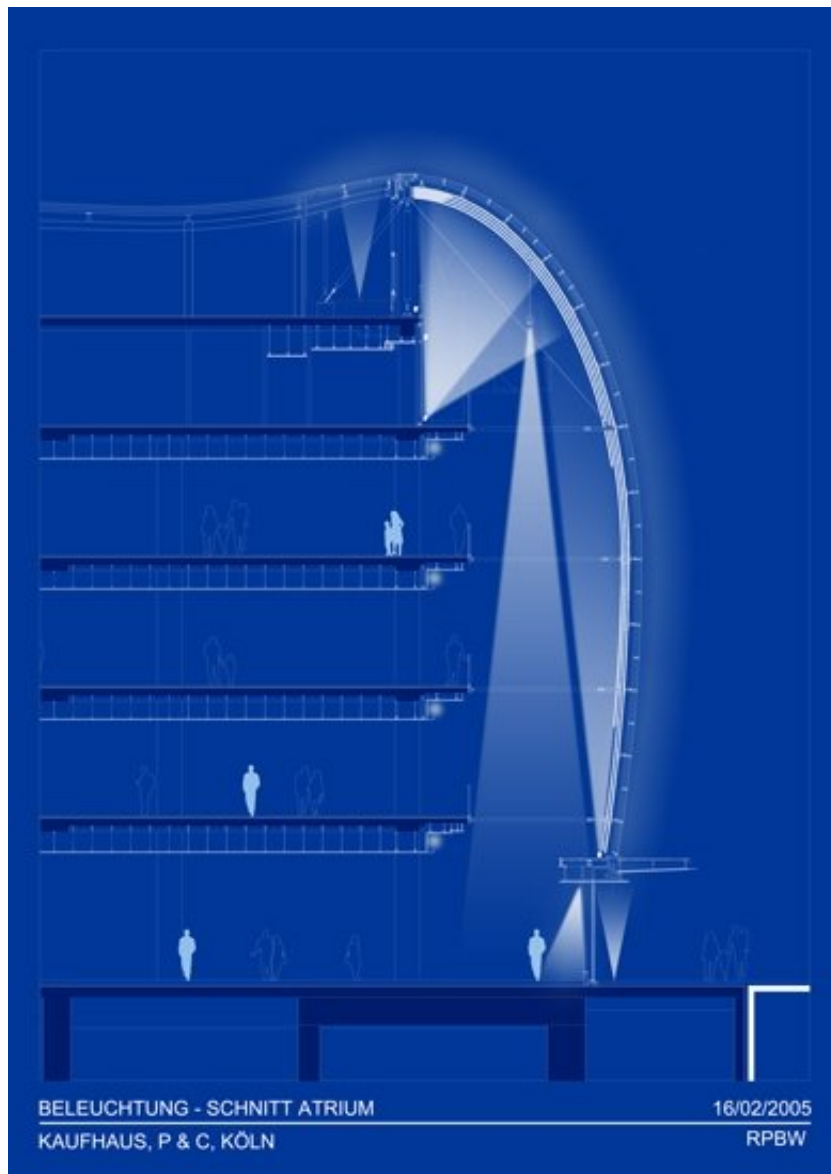
Title	Lighting - Facade View
Scale	NTS
Date	2005/02/16
Drawing number	-
Drawing code	CLG_DW_011
Author	Renzo Piano Building Workshop

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Title	Design - Building Lighting
Scale	NTS
Date	2005/02/16
Drawing number	-
Drawing code	CLG_DW_012
Author	Renzo Piano Building Workshop
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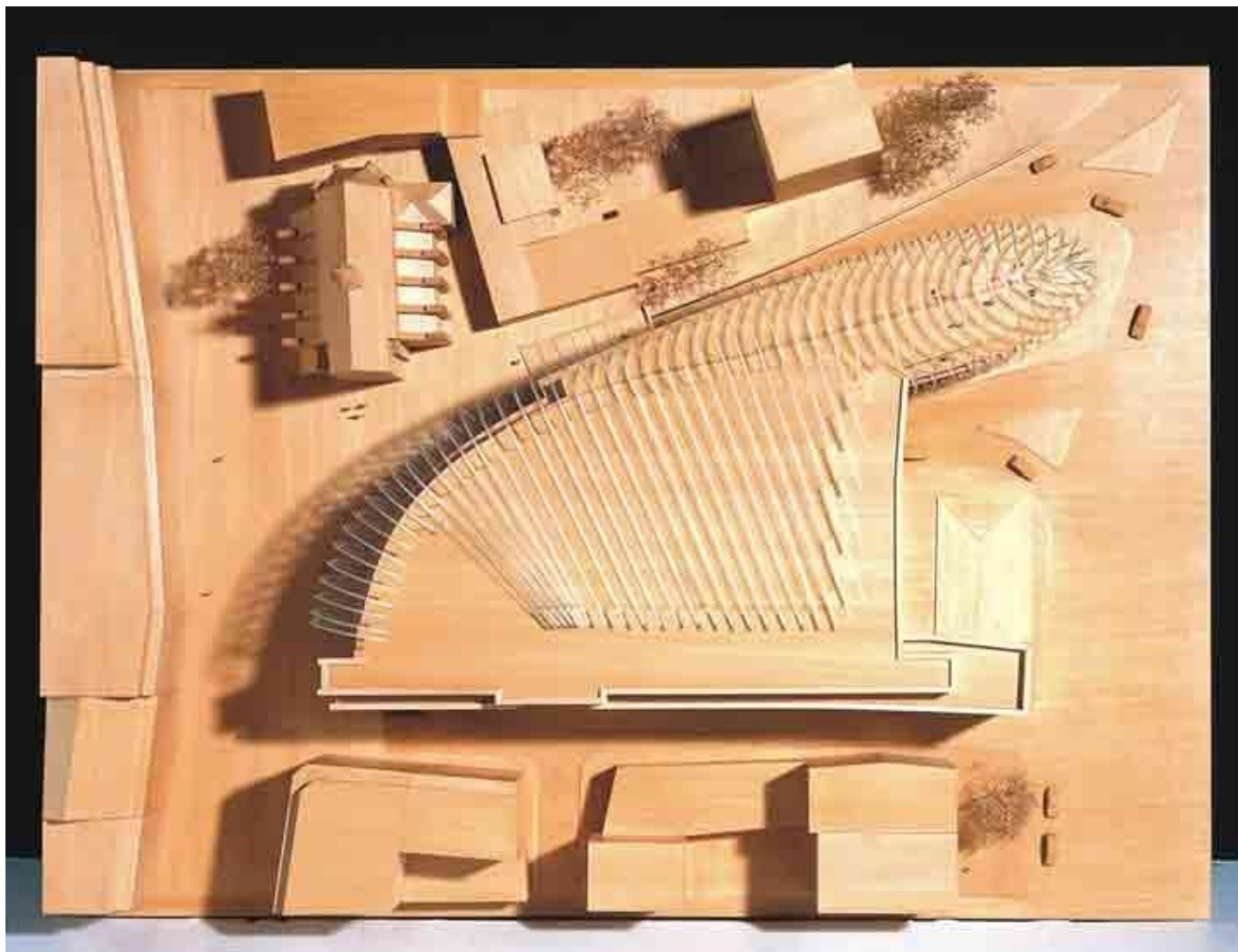


Title	Lighting - Atrium
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Date	2005/02/16
Drawing number	-
Drawing code	CLG_DW_013
Author	Renzo Piano Building Workshop

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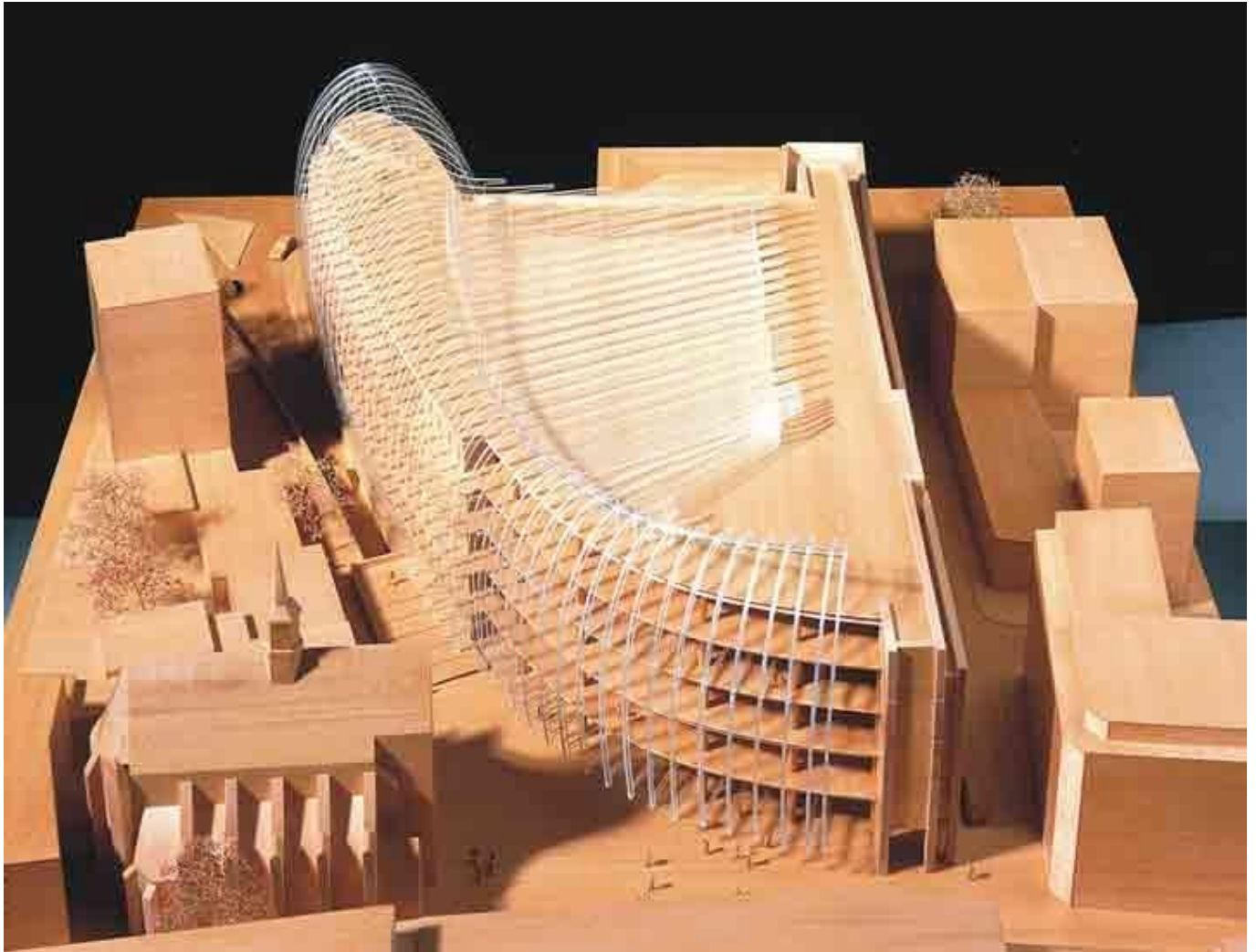
Modelli



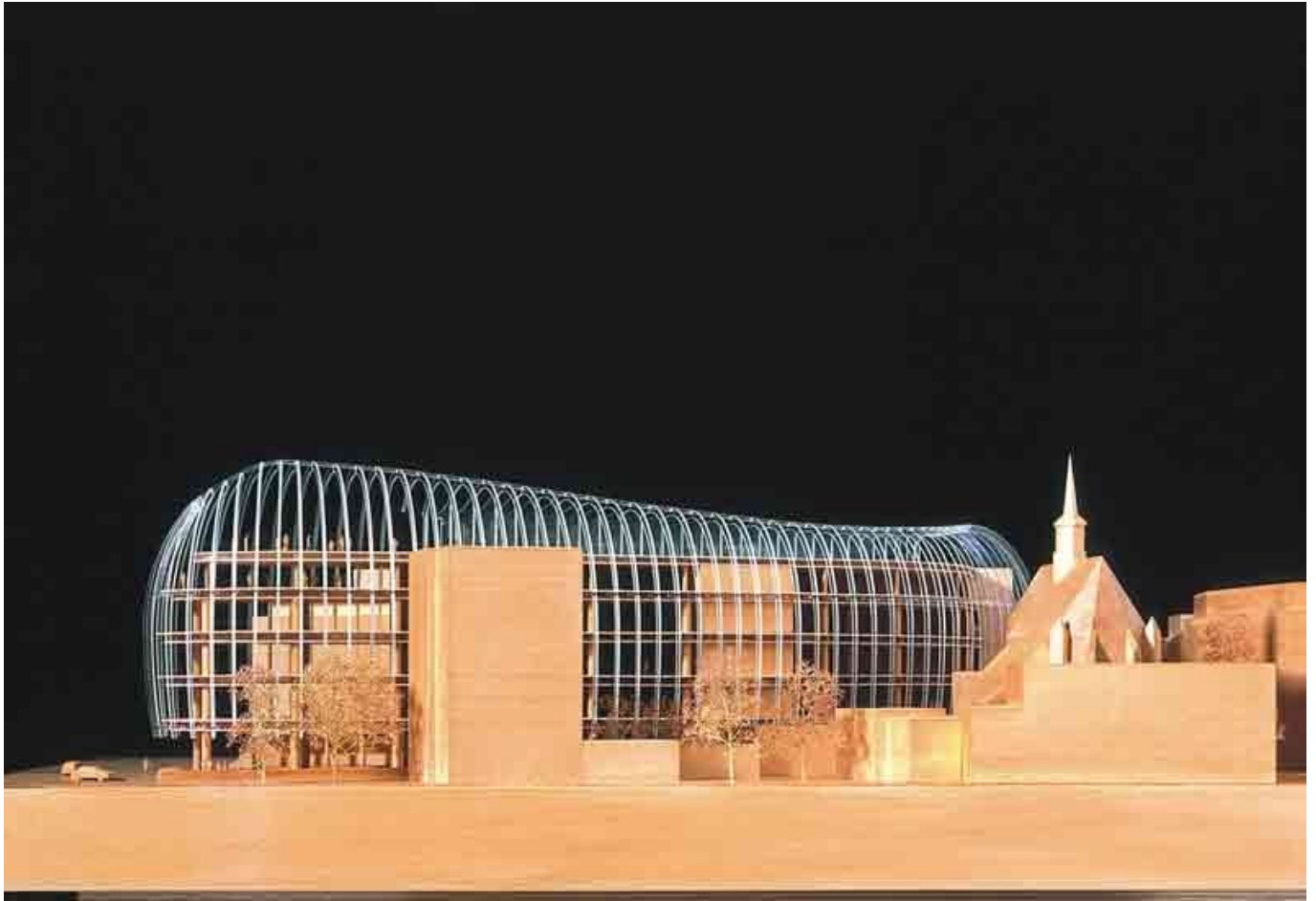
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Scale	N/A
Model Author	RPBW - Renzo Piano Building Workshop Architects



Title	General building model
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Model Author	RPBW - Renzo Piano Building Workshop Architects



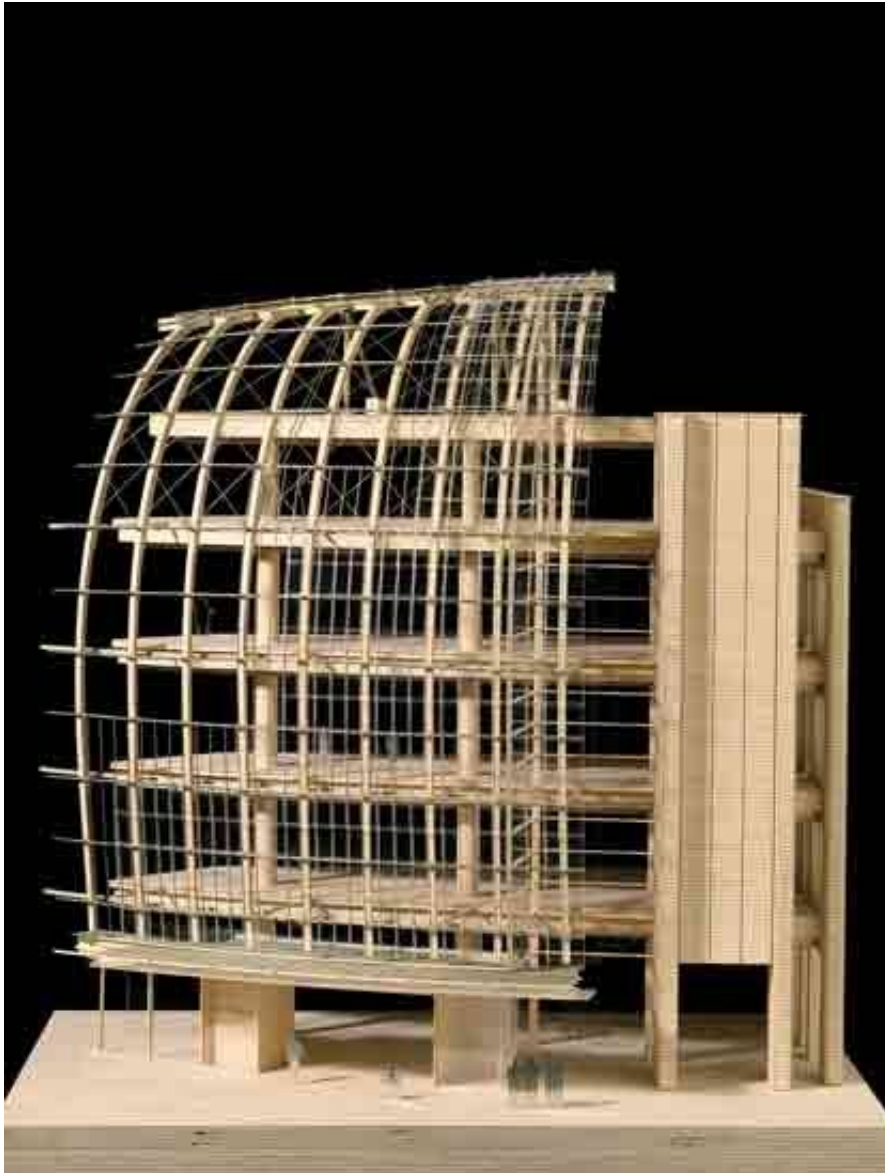
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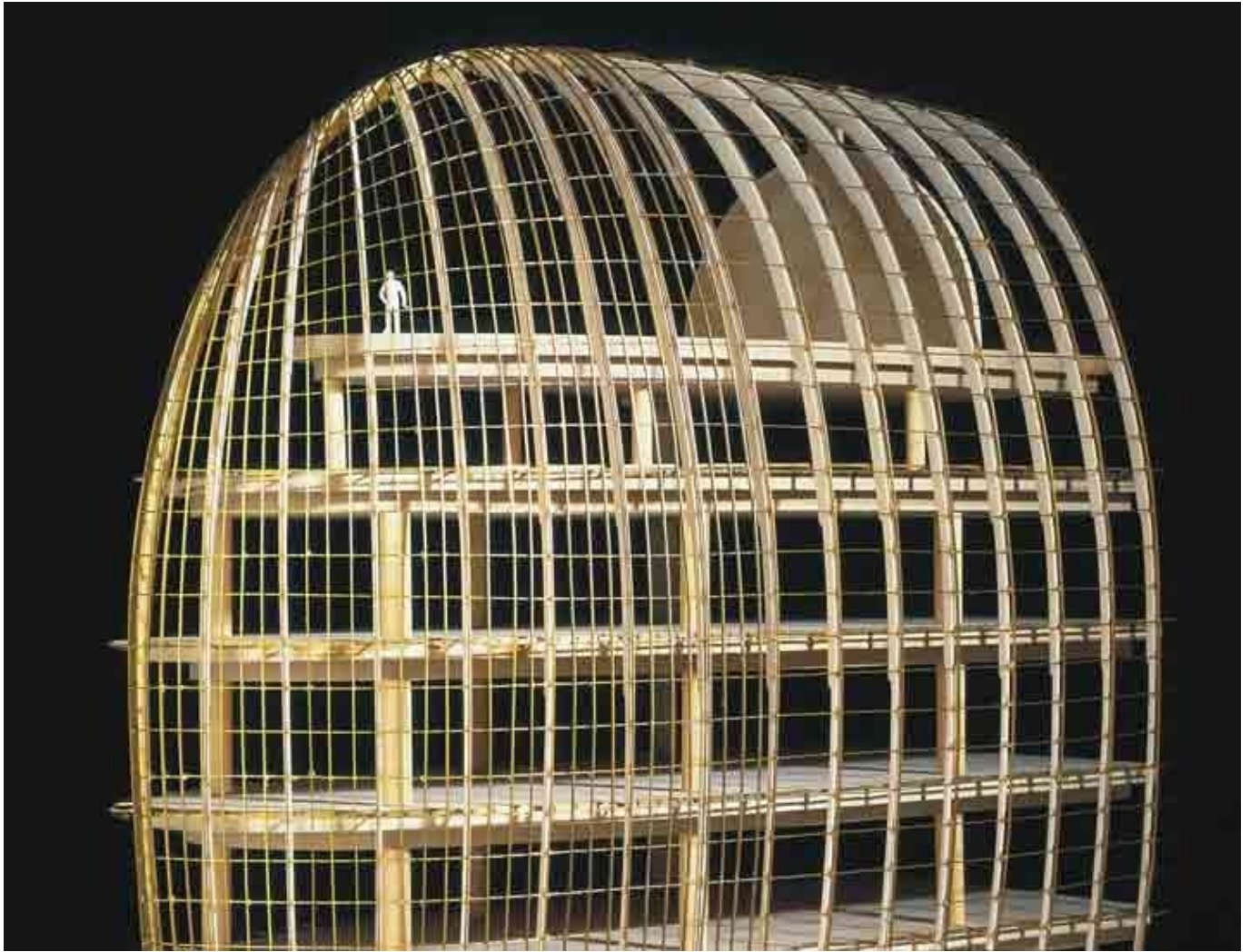
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Model Author	RPBW - Renzo Piano Building Workshop Architects



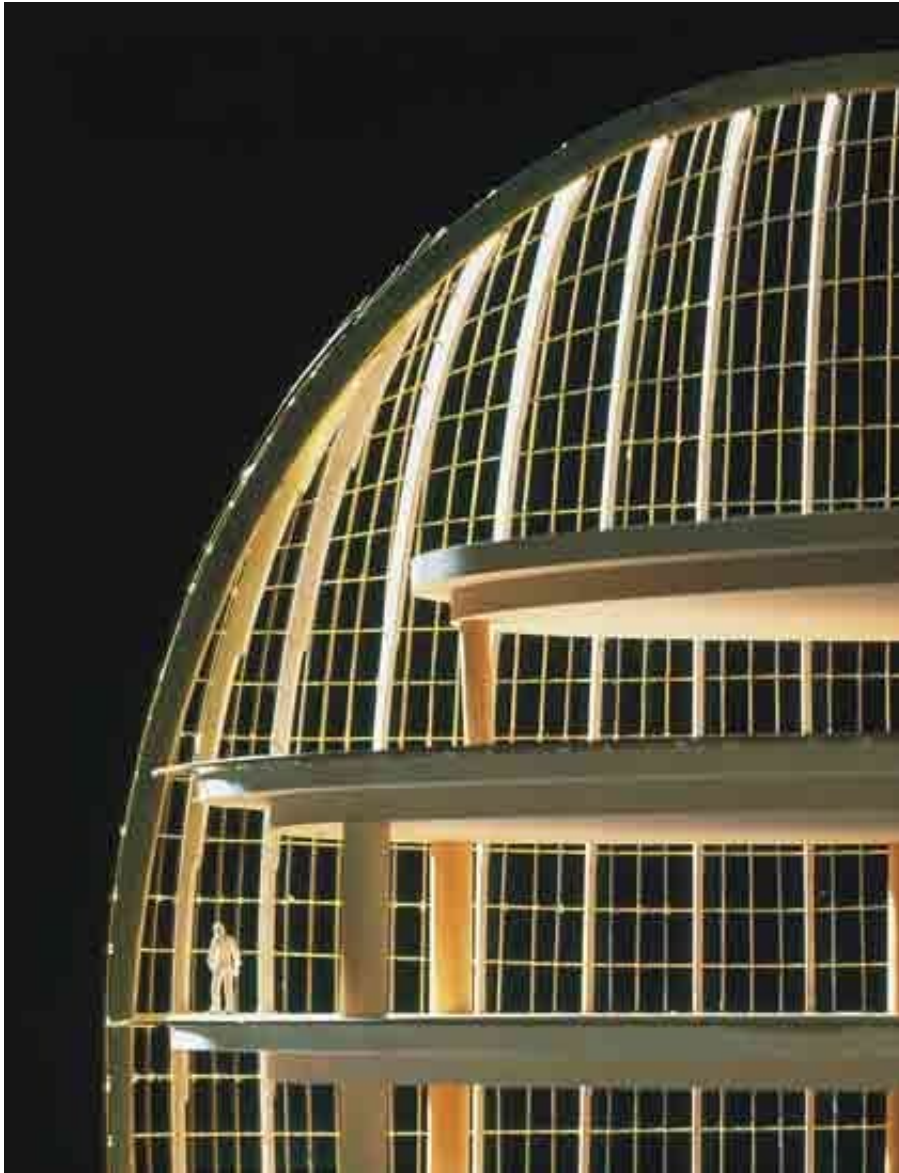
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Model Author	RPBW - Renzo Piano Building Workshop Architects



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Model Author	RPBW - Renzo Piano Building Workshop Architects



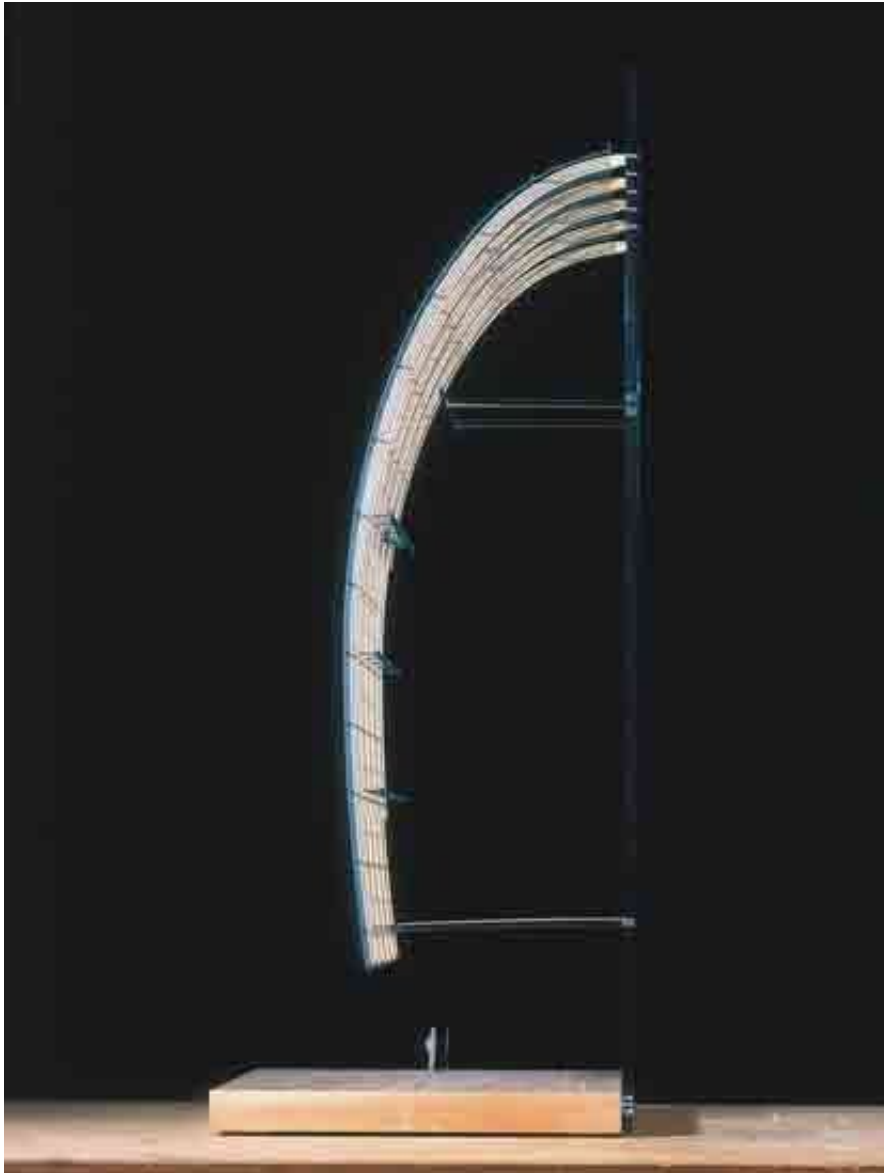
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Scale	N/A
Model Author	RPBW - Renzo Piano Building Workshop Architects



Title	Structure study model
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Scale	N/A
Model Author	RPBW - Renzo Piano Building Workshop Architects



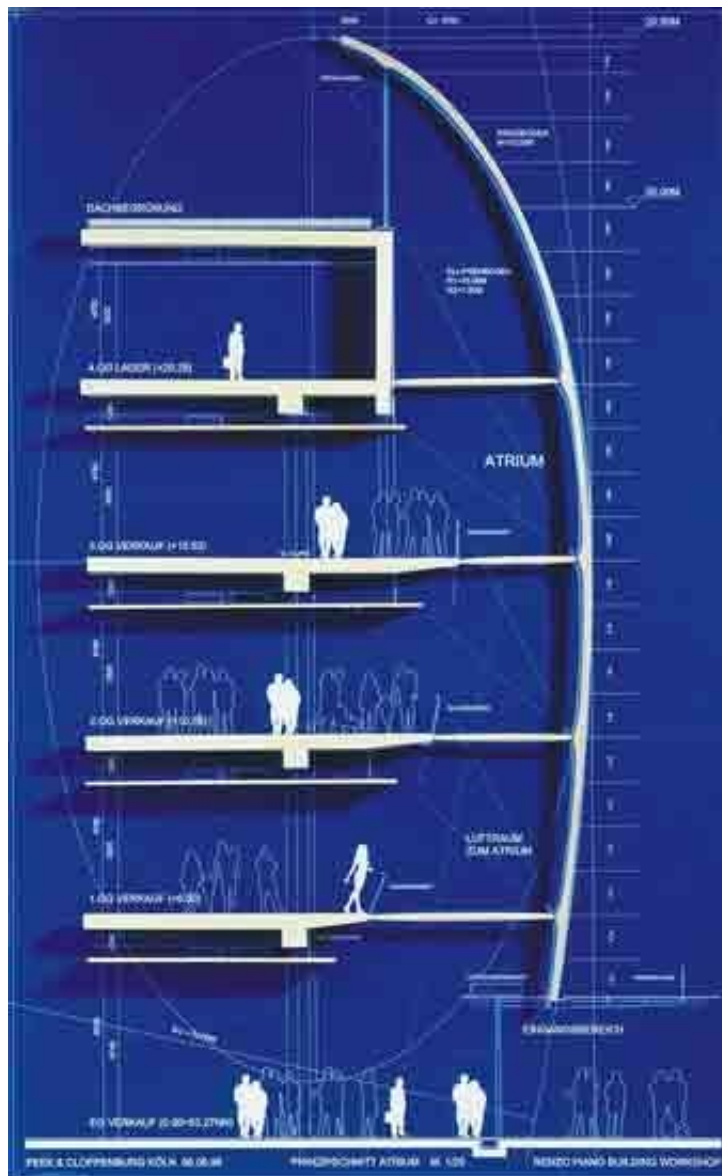
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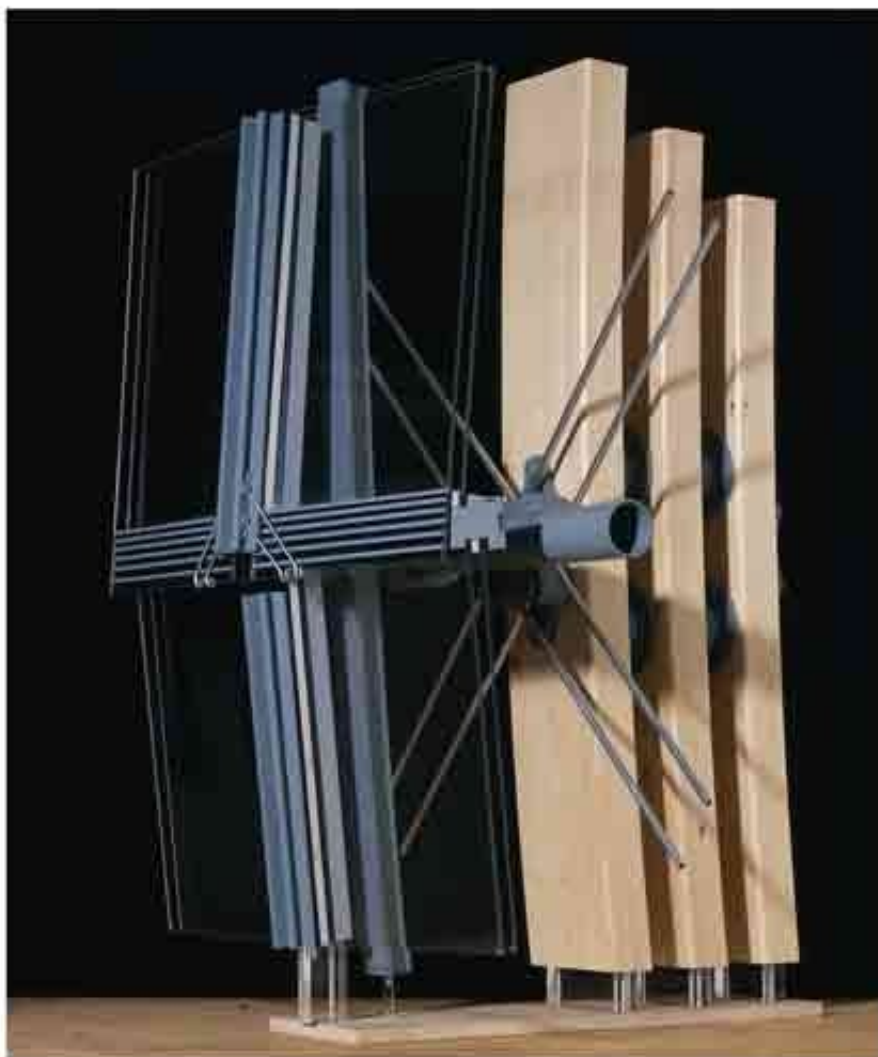
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Scale	N/A
Model Author	RPBW - Renzo Piano Building Workshop Architects



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Model Author	RPBW - Renzo Piano Building Workshop Architects



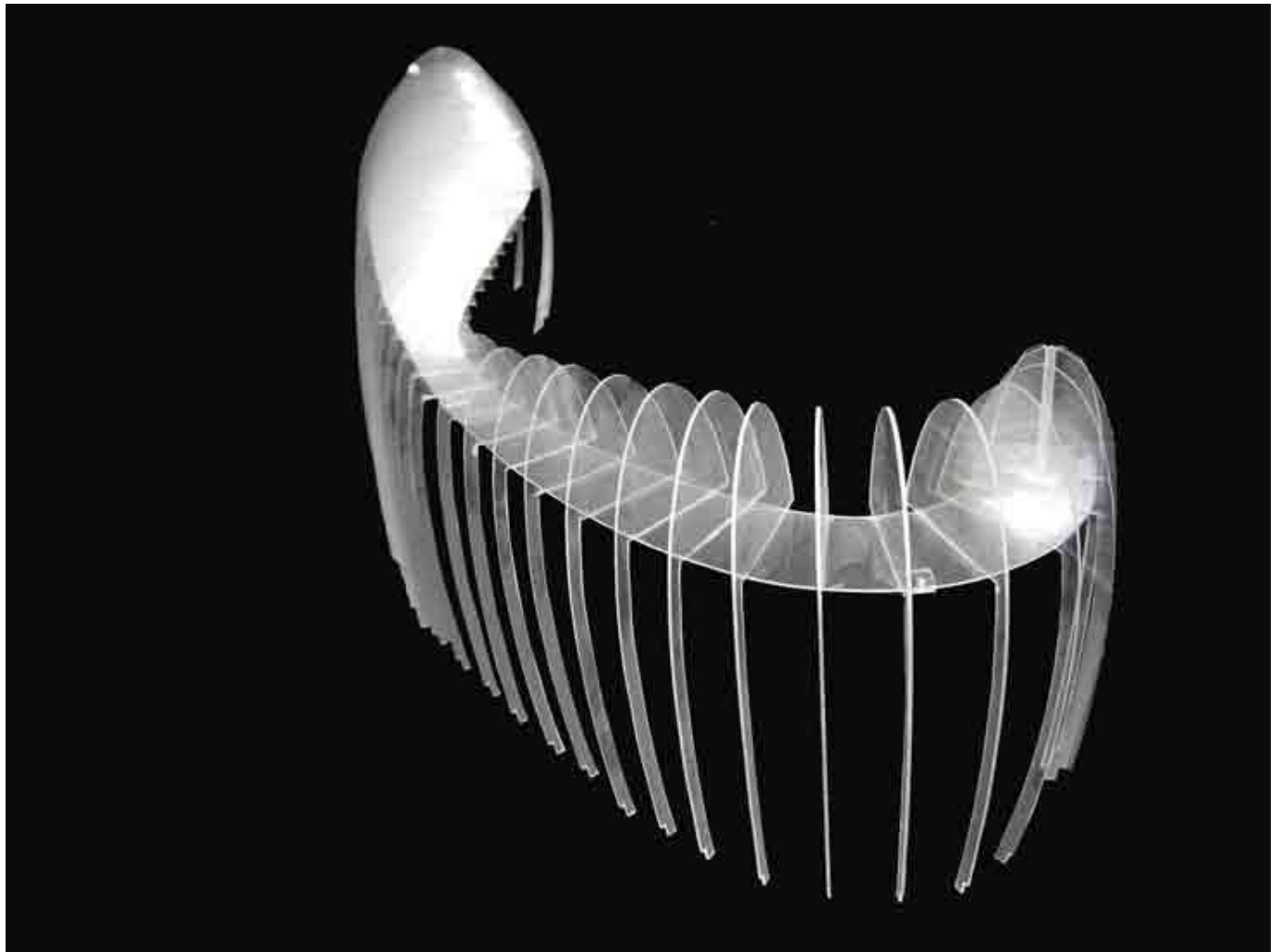
Title	Transversal Section - Atrium
Date	1999-06-08
Model Code	CLG_MD_012
Scale	1:25
Model Author	RPBW - Renzo Piano Building Workshop Architects



Title	Detailed facade connection
Date	
Model Code	CLG_MD_009
Scale	N/A
Model Author	RPBW - Renzo Piano Building Workshop Architects



Title	Geometry study model
Date	
Model Code	CLG_MD_003
Scale	1:100
Model Author	RPBW - Renzo Piano Building Workshop Architects



Title	Geometry model
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Model Code	CLG_MD_007
Scale	1:250
Model Author	RPBW - Renzo Piano Building Workshop Architects

