

IBM Padiglione itinerante



The itinerant exhibition IBM was born to present the transformations of the technological future in twenty cities of Europe. The materials used were lamellar wood for connecting rods, cast aluminum joints for joints, polycarbonate for pyramid-shaped cover elements. These components were self-supporting and, connected to each other, constituted the structural arch of the pavilion.

Dati Progetto

Design	1983 - 1984
Construction	1984 - 1986
Area of the pavilion	576 m2
Lenght	48 m
Width	12 m
Height	7 m
Floors	1

Credits

Client	IBM Europe
Architect	B.W. Building Workshop - Renzo Piano architetto
Consultants	Ove Arup & Partners (P. Rice, T. Barker)

Immagini



Subject	(from left) R. Gaggero, R. Piano and S. Ishida are studying the design of the pavilion with help of prototypes
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Date	
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Image Code	lbm__041
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Author	Berengo Gardin, Gianni
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Copyright	Berengo Gardin, Gianni
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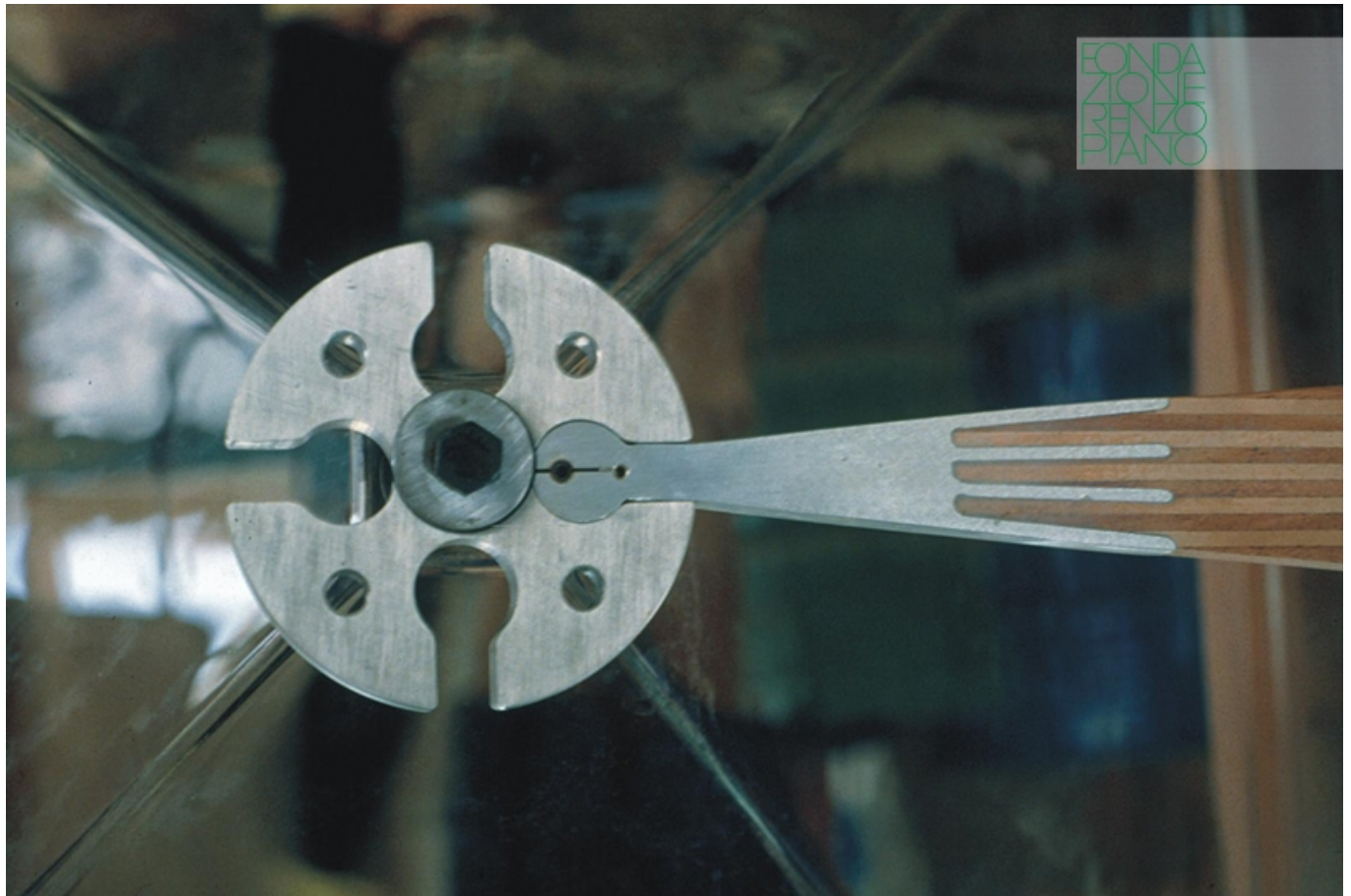
Subject	Workmen during the construction of the arch prototype at Mostes Shipyard in Genova Prà
Date	October/November 1982
Image Code	Ibm__129
Author	
Copyright	Fondazione Renzo Piano



Subject	Arch prototype on the beach realized at Mostes Shipyard.
Date	October/November 1982
Image Code	Ibm__037
Author	Berengo Gardin, Gianni
Copyright	Berengo Gardin, Gianni



Subject	Detail of the arch prototype
Date	October/November 1972
Image Code	Ibm__168
Author	Berengo Gardin, Gianni
Copyright	Berengo Gardin, Gianni



Subject	A glued finger joint cements wooden strut to cast aluminium elements that slips into one of the slots in the node-joint
Date	
Image Code	lbn__110
Author	Ishida, Shunji
Copyright	Fondazione Renzo Piano



Subject	Ends of the inner chord struts
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Date	
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Image Code	lbn__104
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Author	Berengo Gardin, Gianni
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Copyright	Berengo Gardin, Gianni
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Subject	In foreground arch-trusses wait to be pinned and bolted into position from the vault seen in the background
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Date	
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Image Code	Ibm__066
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Author	Vincent, Paul
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Copyright	Fondazione Renzo Piano
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Subject

Structure under construction

Date

Image Code

Ibm__130

Author

Copyright

RPBW - Renzo Piano Building Workshop Architects
Fondazione Renzo Piano



Subject	Polycarbonate pyramids being cleaned, once assembly, or loaded after dir-assembly
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Date	
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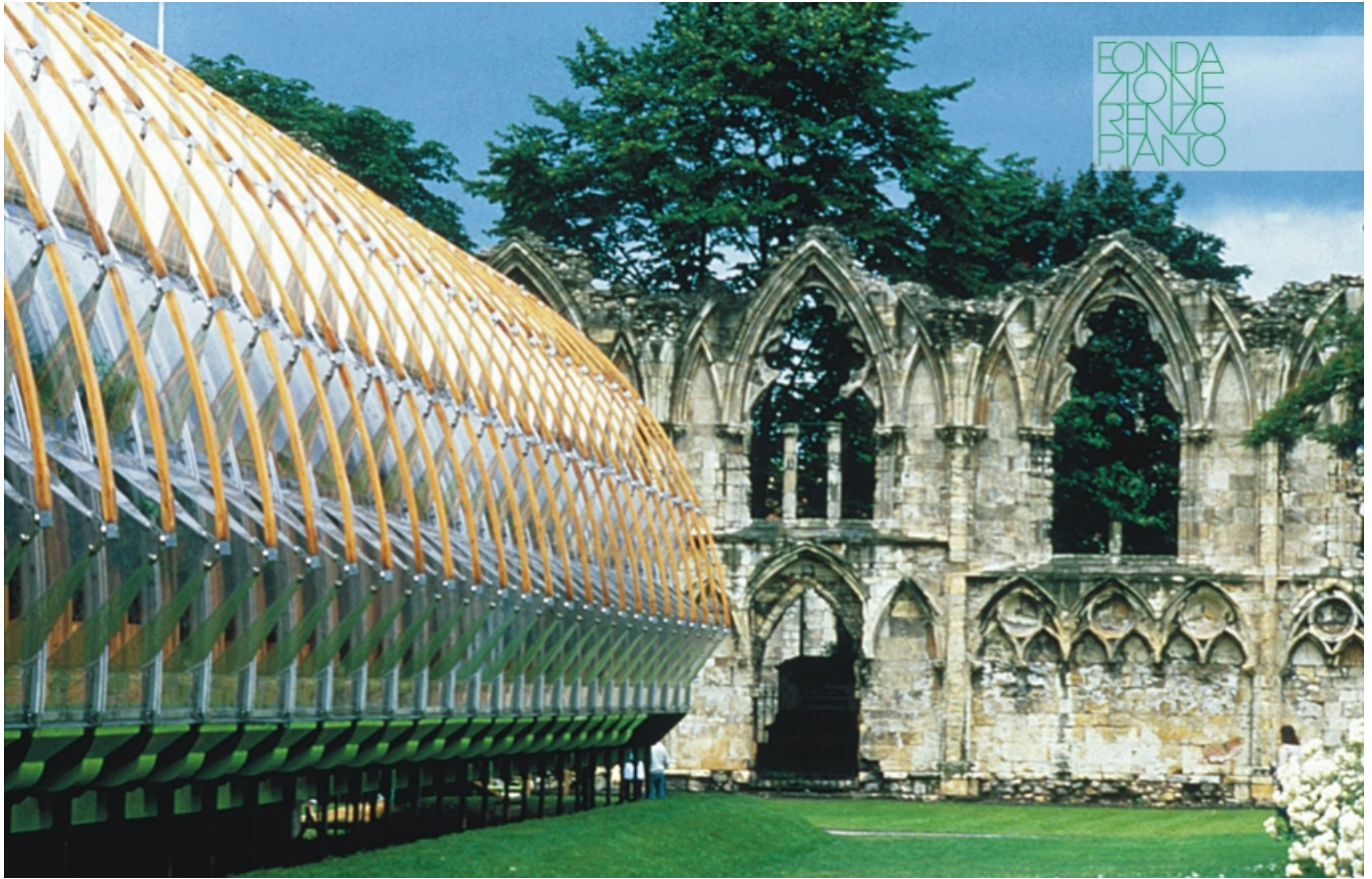
Image Code	lbn__081
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Author	Berengo Gardin, Gianni
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Copyright	Berengo Gardin, Gianni
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Subject	Pavilion assembled in Milan with one of the two trucks containing mainframe computer and plant that remained beside it while open to the public
Date	
Image Code	Ibm__100
Author	Berengo Gardin, Gianni
Copyright	Berengo Gardin, Gianni



Subject	Like a circus, the transparent pavilion was set up in several European cities: York
Date	
Image Code	Ibm__017
Author	Berengo Gardin, Gianni
Copyright	Berengo Gardin, Gianni



Subject

Close-up view of the structure in York suggesting how the public felt with its unimposing and welcoming presence

Date

Image Code

lbn__052

Author

Berengo Gardin, Gianni

Copyright

Berengo Gardin, Gianni



Subject	the structure in Amsterdam Vondel Park
Date	
Image Code	lbm__080
Author	Berengo Gardin, Gianni
Copyright	Berengo Gardin, Gianni



Subject

Like a circus, the transparent pavilion was set up in several European cities. It served as a site for presenting communications technology of the future and, at the same time, it was a transparent greenhouse that perfectly meshed with the park

Date

Image Code

lbn__088

Author

Berengo Gardin, Gianni

Copyright

Berengo Gardin, Gianni



Subject	View of the structure in the park
Date	
Image Code	Ibm__098
Author	Berengo Gardin, Gianni
Copyright	Berengo Gardin, Gianni



Subject	People sitting in the park in Milan, where the Pavillion is installed
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Date

Image Code	Ibm__099
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Author	Berengo Gardin, Gianni
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Copyright	Berengo Gardin, Gianni
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Subject	Against the medieval and leafy backdrop of Stuttgart Schlossplatz
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Date

Image Code	lbn__102
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Author	Berengo Gardin, Gianni
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Copyright	Berengo Gardin, Gianni
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Subject	Aligned on axis with central tower of Schloss Charlottenburg in Berlin
Date	
Image Code	Ibm__103
Author	Berengo Gardin, Gianni
Copyright	Berengo Gardin, Gianni



Subject	The pavilion nestled in greenery in a park in Milan
Date	
Image Code	lbn__106
Author	Berengo Gardin, Gianni
Copyright	Berengo Gardin, Gianni



Subject	Outside the Natural History Museum in London
Date	
Image Code	lbn__108
Author	Roiter, Fulvio
Copyright	Fondazione Renzo Piano



Subject	In the parc du Champ de Mars in Paris
Date	
Image Code	Ibm__112
Author	Berengo Gardin, Gianni
Copyright	Berengo Gardin, Gianni



Subject	Like a circus, the transparent pavilion was ser up in several European cities: Copenhagen
Date	
Image Code	lbm__115
Author	Berengo Gardin, Gianni
Copyright	Berengo Gardin, Gianni



Subject

Detail of the structure

Date

Image Code

Ibm__082

Author

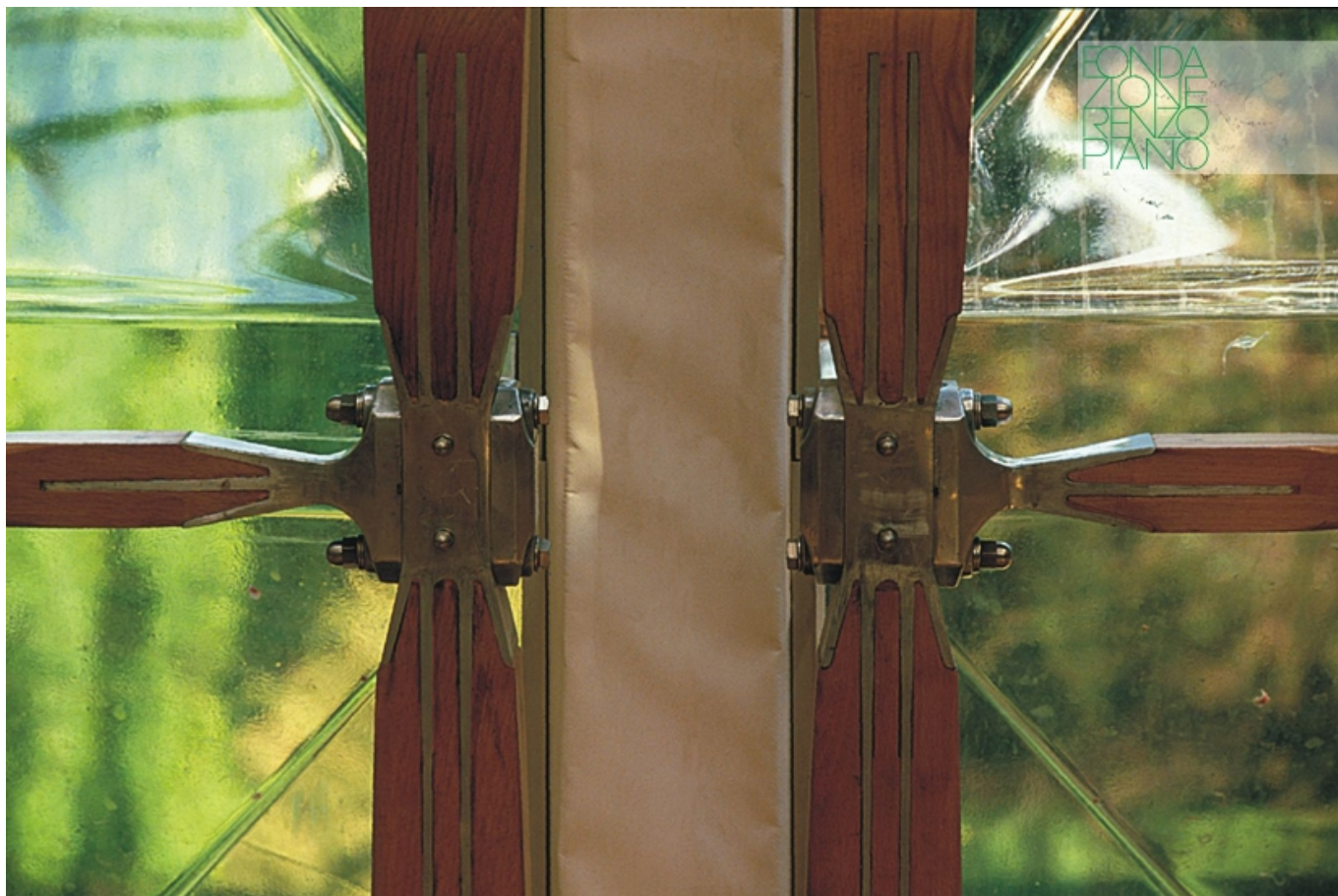
Roiter, Fulvio

Copyright

Fondazione Renzo Piano



Subject	Detail of the structure
Date	
Image Code	lbn__083
Author	Berengo Gardin, Gianni
Copyright	Berengo Gardin, Gianni



Subject	Detail of the structure of the joints between the various material
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Date	
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Image Code	lbn__025
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Author	Berengo Gardin, Gianni
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Copyright	Berengo Gardin, Gianni
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Subject	View of junctions
Date	
Image Code	Ibm__109
Author	Berengo Gardin, Gianni
Copyright	Berengo Gardin, Gianni



Subject	The internal space of the pavilion
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Date	
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Image Code	lbn__019
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Author	Berengo Gardin, Gianni
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Copyright	Berengo Gardin, Gianni
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Subject	Mime artists invite uninhibited encounter with the computer
Date	
Image Code	Ibm__101
Author	Berengo Gardin, Gianni
Copyright	Berengo Gardin, Gianni



Subject	Concert also brought in visitors. This view emphasises the transparency of the pyramids
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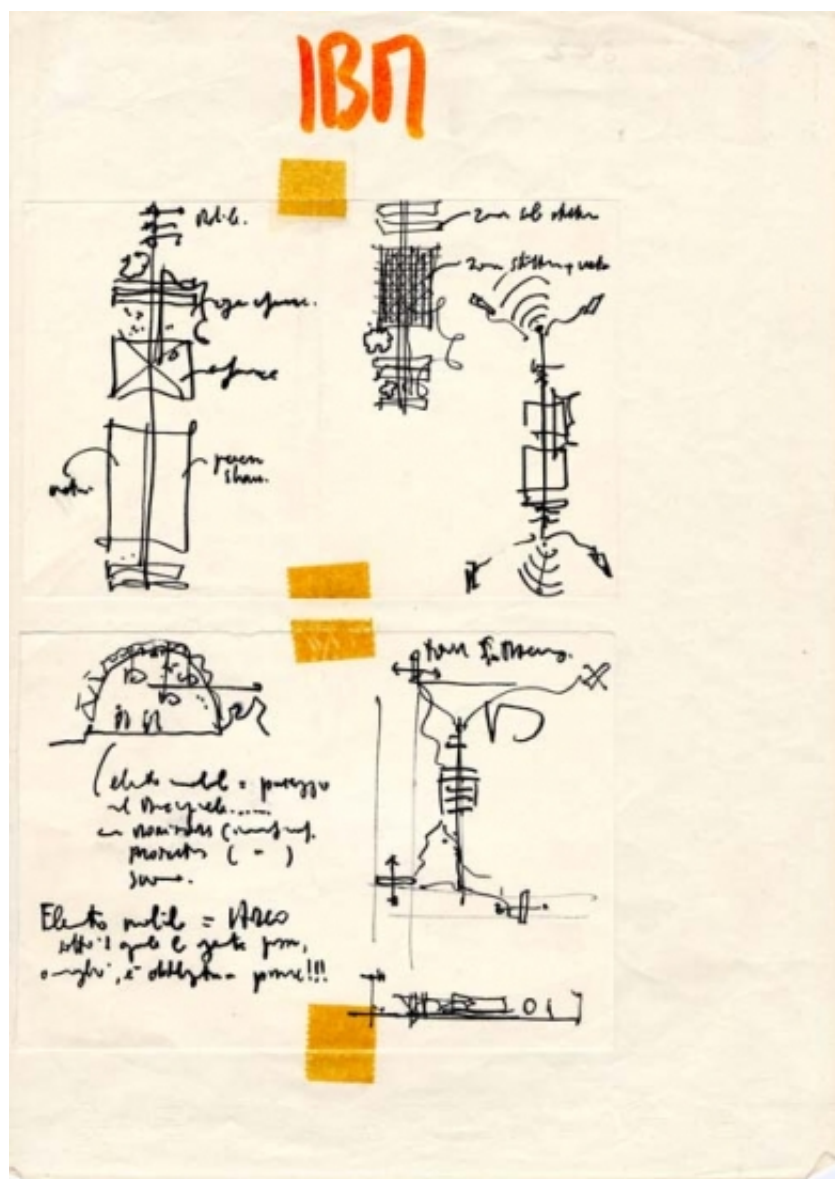
Date	
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Image Code	Ibm__028
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Author	Berengo Gardin, Gianni
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Copyright	Berengo Gardin, Gianni
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Disegni



Subject

-

Scale

-

Size

A4

Date

(1982/05)

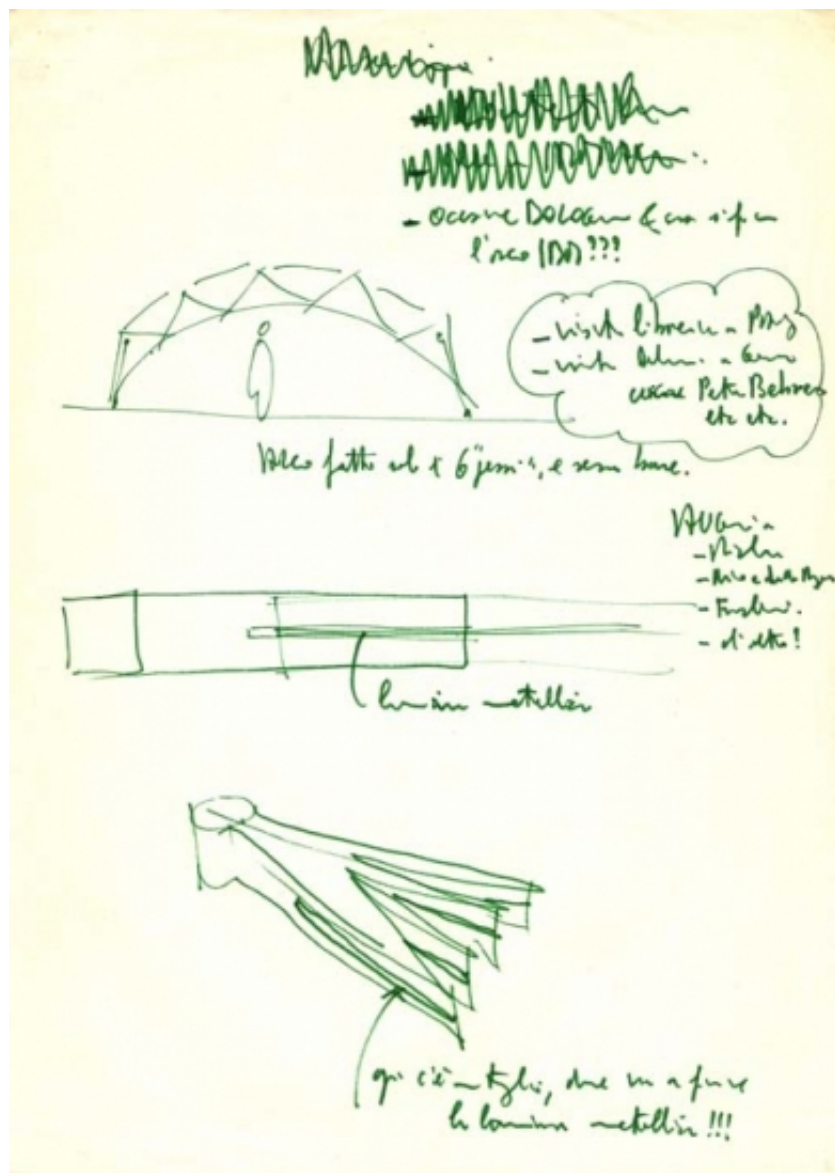
Drawing number

-

Drawing code	IBM-rp_006
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Author	Renzo Piano
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Copyright	Fondazione Renzo Piano
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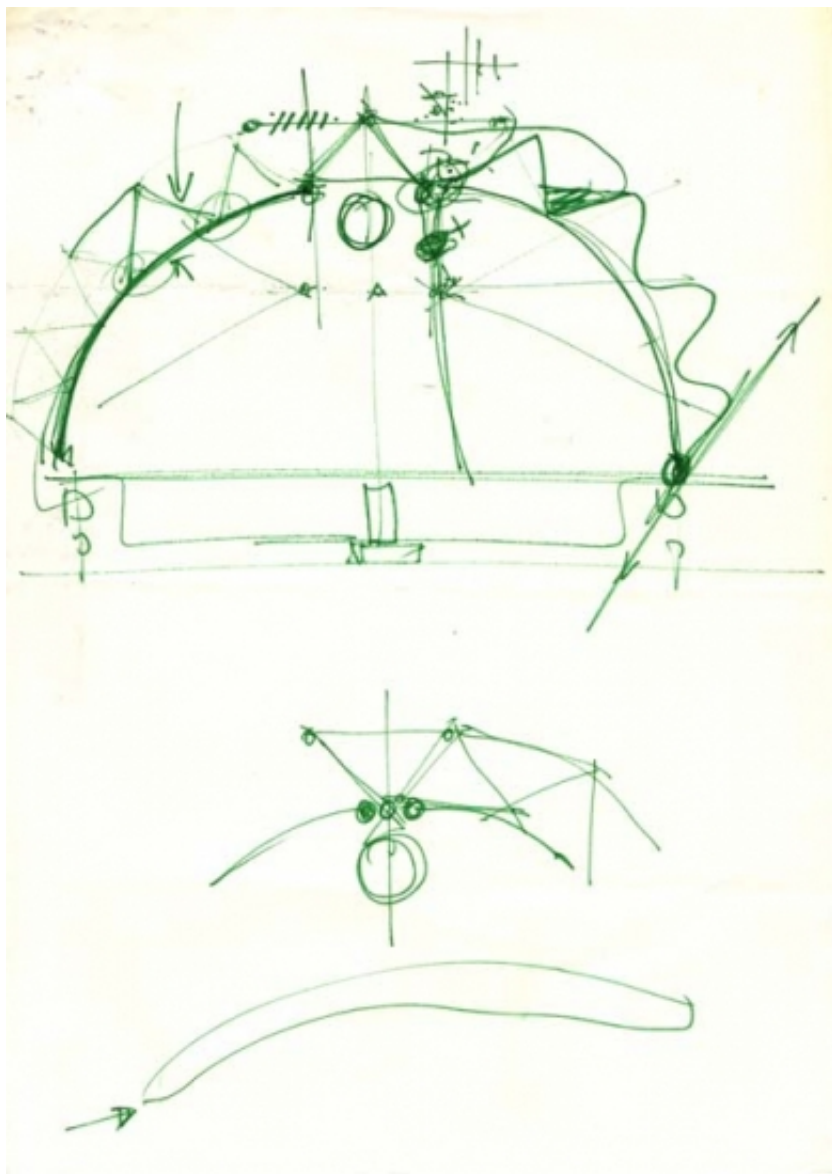
Subject	Arch and detail of the joints
Scale	-
Size	A4
Date	1982 - 1986
Drawing number	-
Drawing code	IBM-rp_059

Author

Renzo Piano

Copyright

Fondazione Renzo Piano



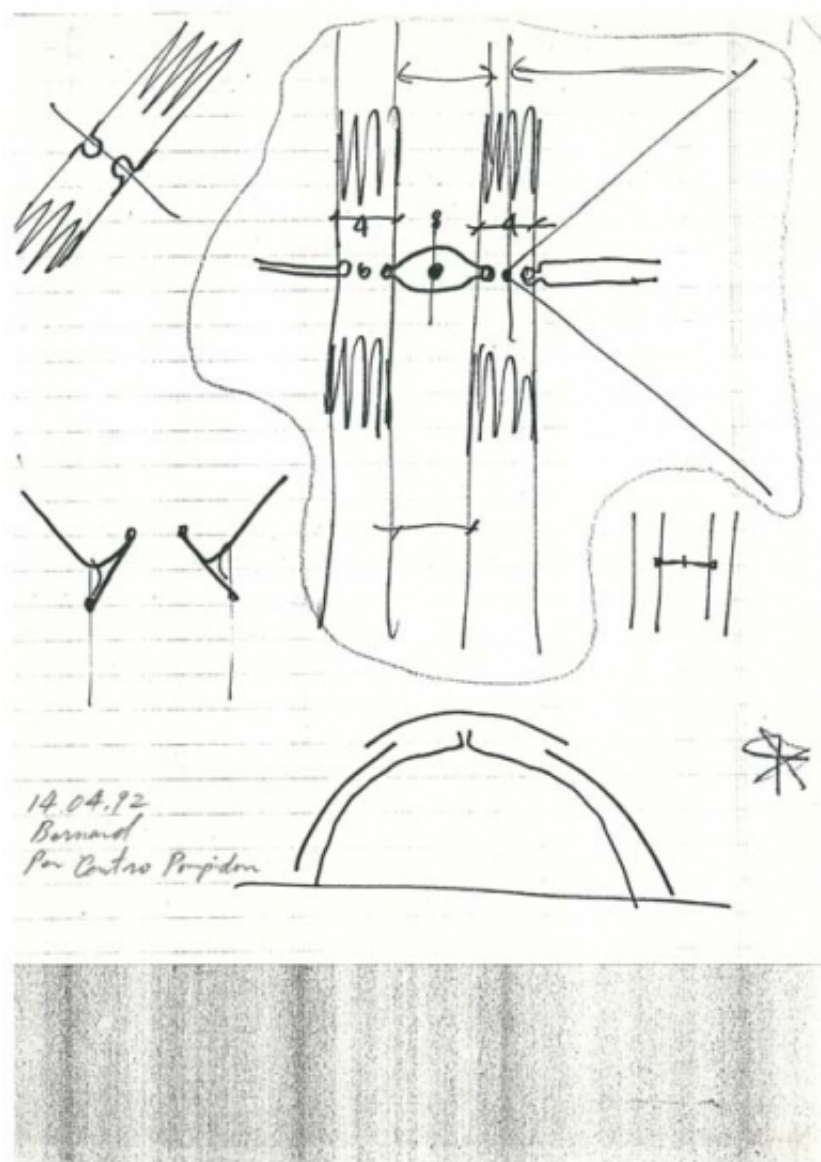
Subject	-
Scale	-
Size	A4
Date	(1984/05)
Drawing number	-
Drawing code	IBM-rp_013

Author

Renzo Piano

Copyright

Fondazione Renzo Piano



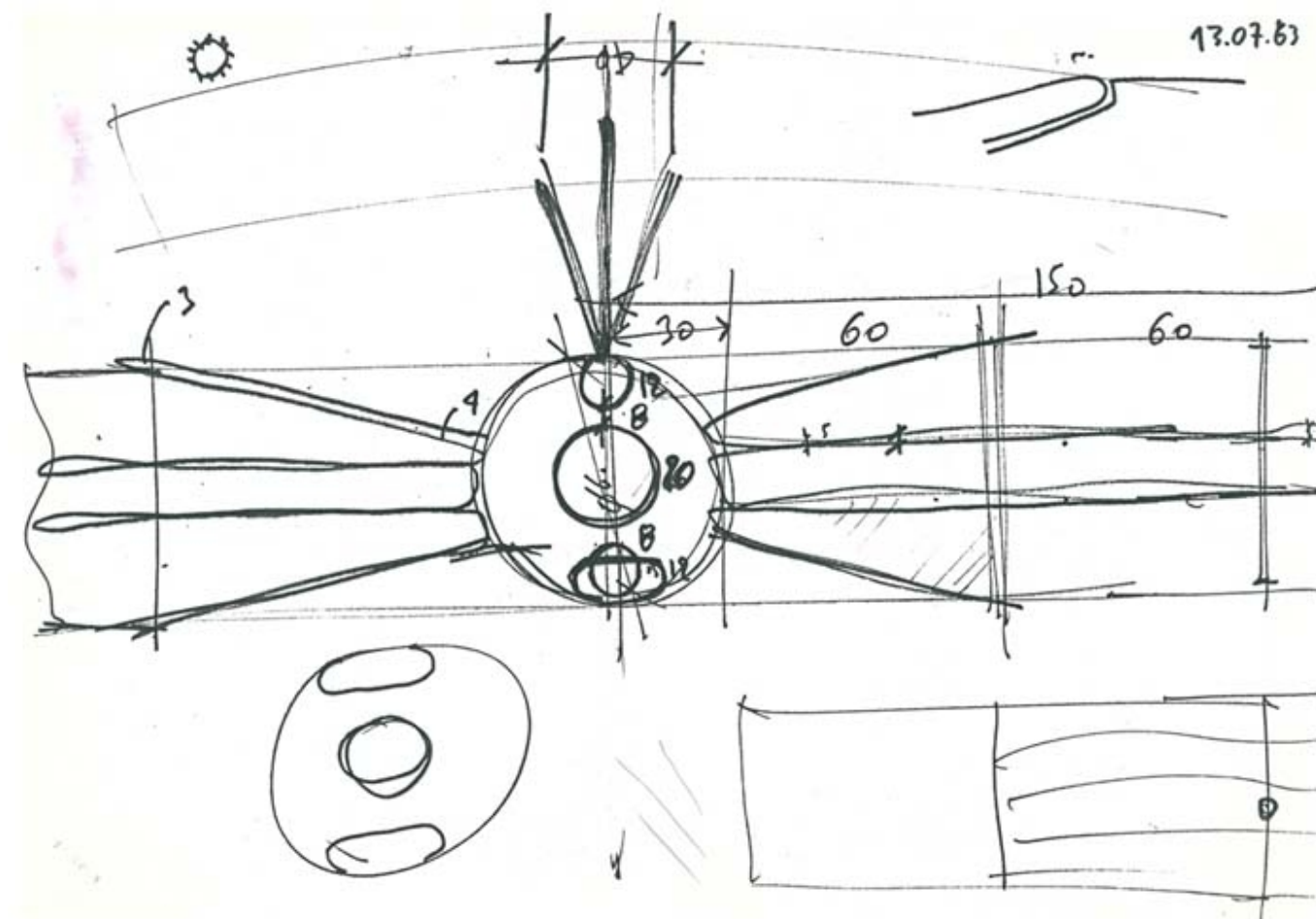
Subject	IBM detail and section
Scale	-
Size	A4
Date	1983 - 1984
Drawing number	-
Drawing code	IBM-rp_068

Author

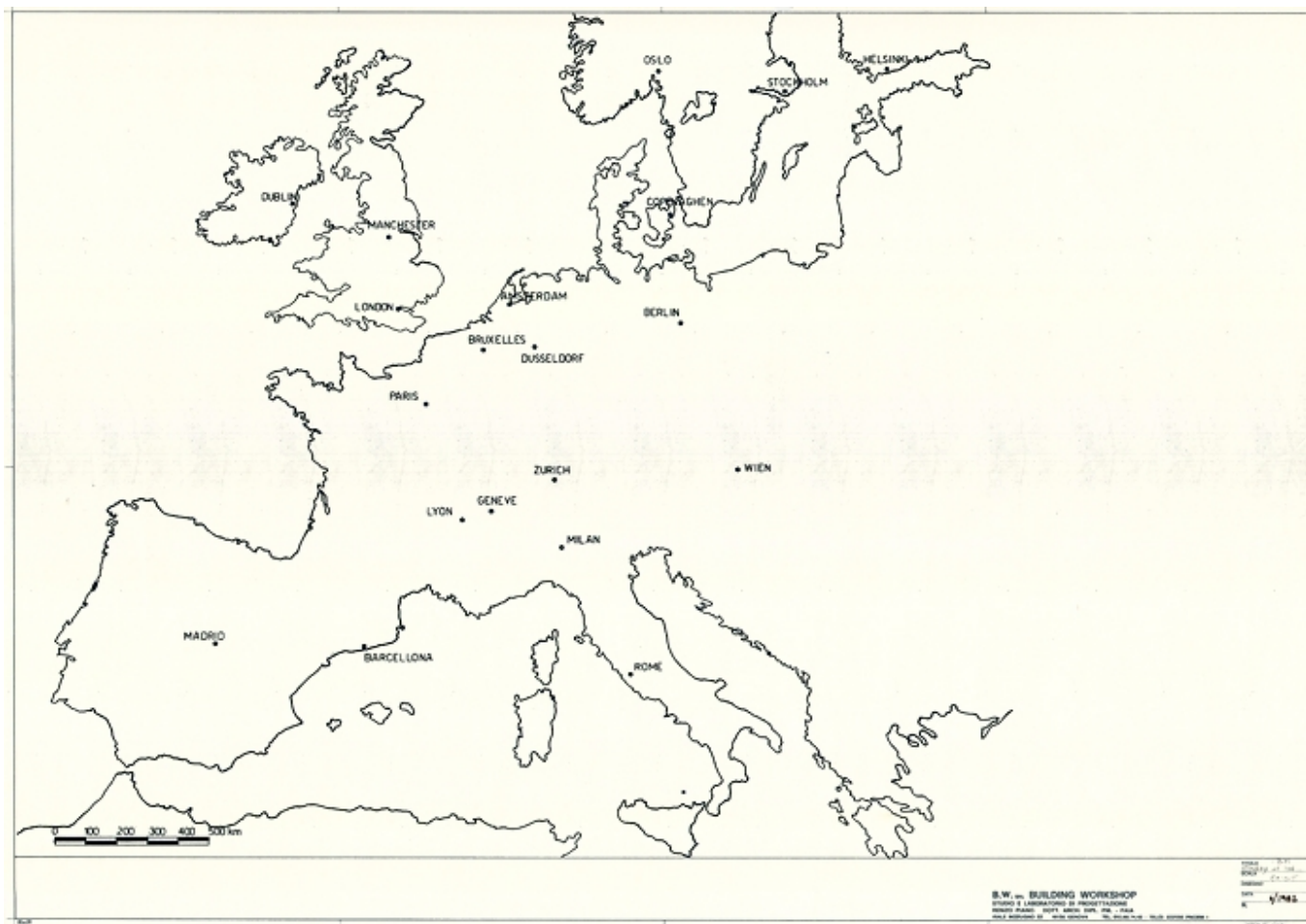
Renzo Piano

Copyright

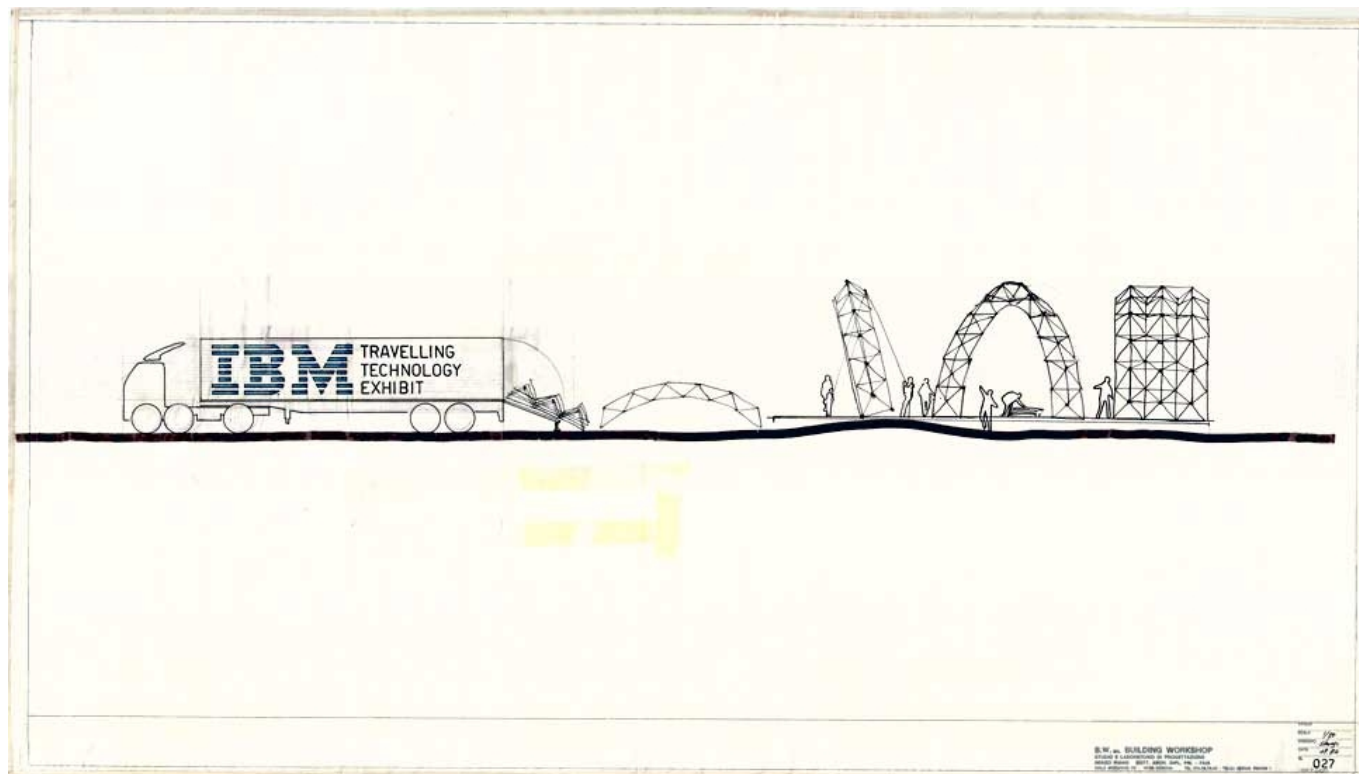
Fondazione Renzo Piano



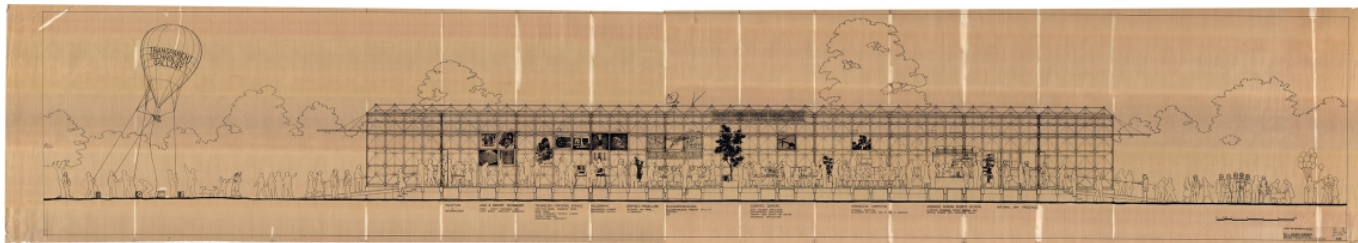
Subject	Detail of a joint
Scale	-
Size	A4
Date	(1983/07/13)
Drawing number	-
Drawing code	IBM-rp_061
Author	Renzo Piano
Copyright	Fondazione Renzo Piano



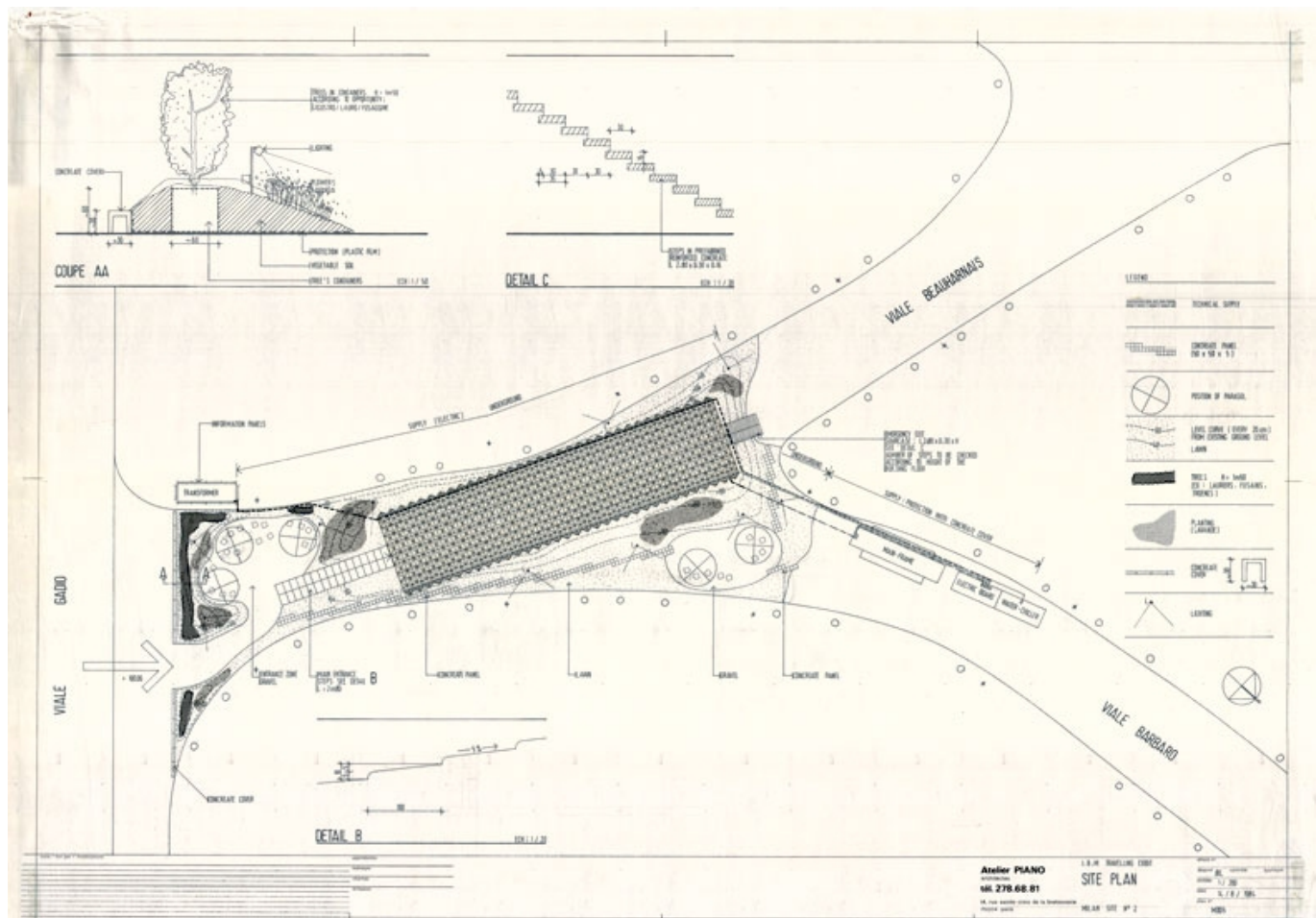
Subject	Itinery of the exhibit
Scale	1:5000000
Size	A1
Date	1982/06
Drawing number	-
Drawing code	IBM_E_004
Author	Renzo Piano architetto-B.W. Building Workshop
Copyright	Fondazione Renzo Piano



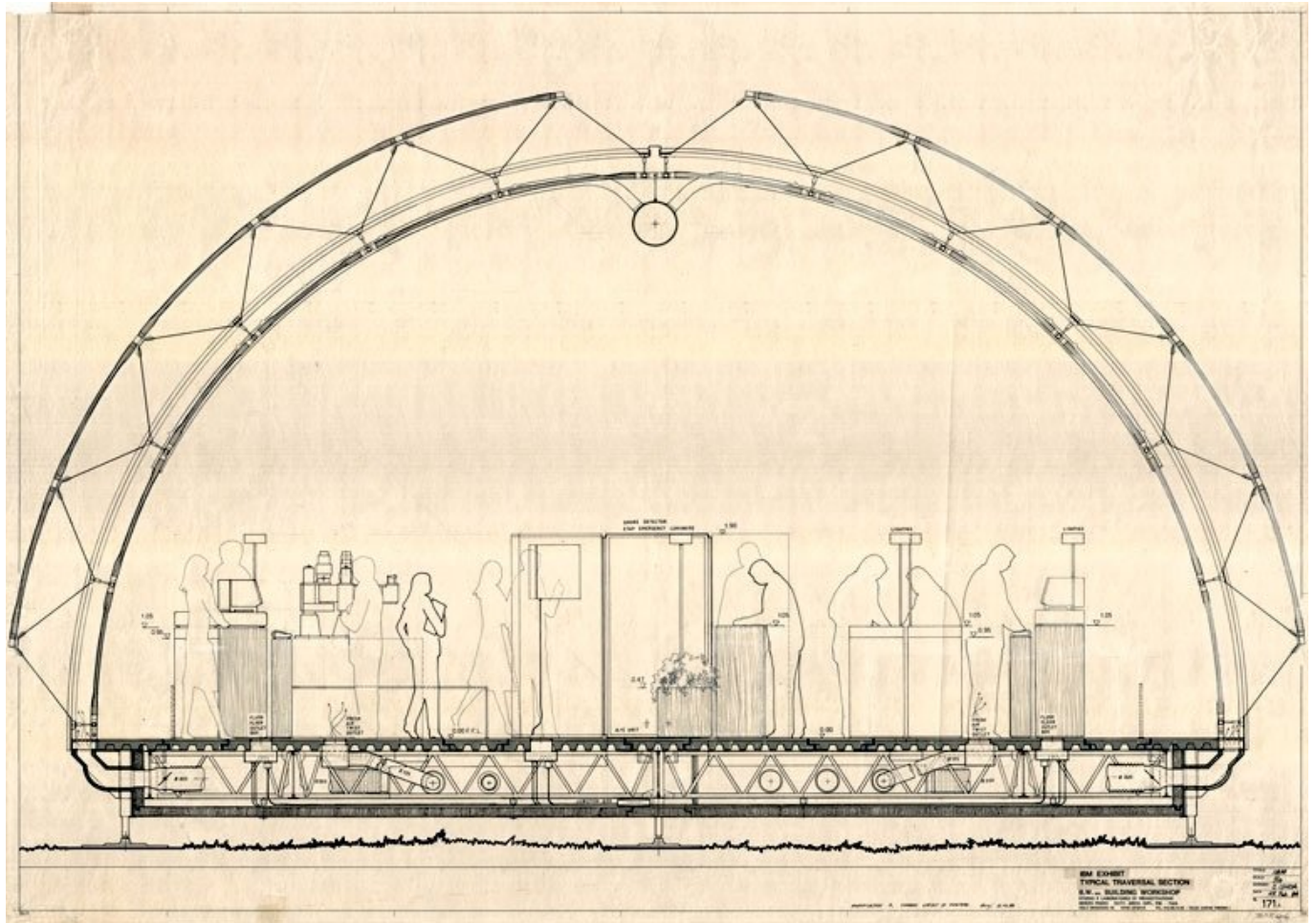
Title	-
Scale	1:50
Size	106 x 61 cm
Date	1982/09
Drawing number	027
Drawing code	IBM_E_005
Author	Renzo Piano architetto-B.W. Building Workshop
Copyright	Fondazione Renzo Piano



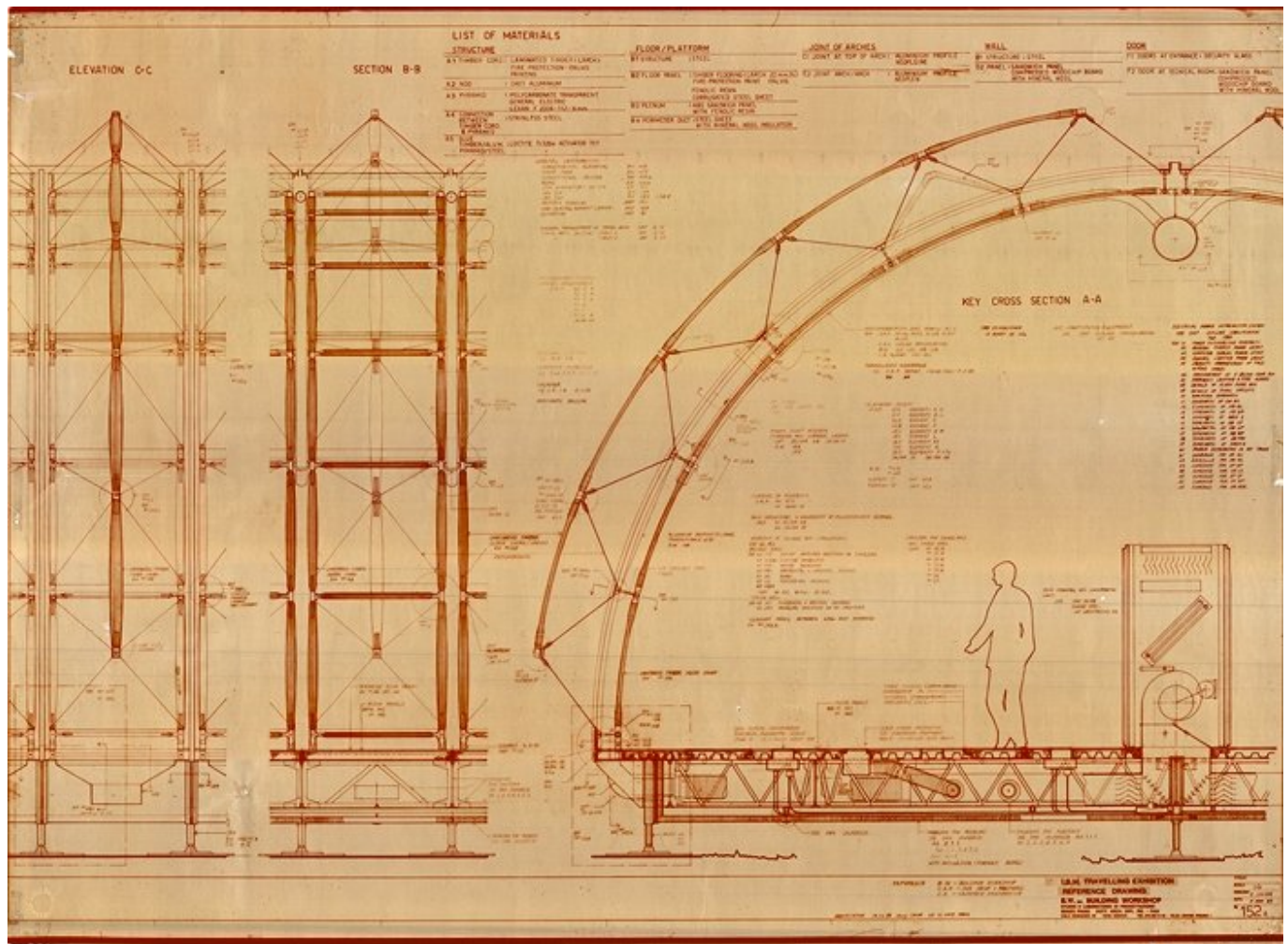
Title	Long section through pavilion
Scale	1:20
Size	440 x 77 cm
Date	1982/09/09
Drawing number	028
Drawing code	IBM_E_007
Author	Shunji Ishida/Renzo Piano architetto-B.W. Building Workshop
Copyright	Fondazione Renzo Piano



Title	Site plan-Milan site n.2
Scale	1:200
Size	87,50 x 63,00 cm
Date	1984/08/14
Drawing number	M005
Drawing code	IBM_E_001
Author	Atelier Piano
Copyright	Fondazione Renzo Piano



Title	Typical transversal section
Scale	1:10
Size	A0
Date	1984/02/21
Drawing number	171a
Drawing code	IBM_E_006
Author	Shunji Ishida/Renzo Piano architetto - B.W. srl Building Workshop
Copyright	Fondazione Renzo Piano



Title IBM Travelling Exhibition Reference Drawing

Scale 1:10

Size 118,50 x 90 cm

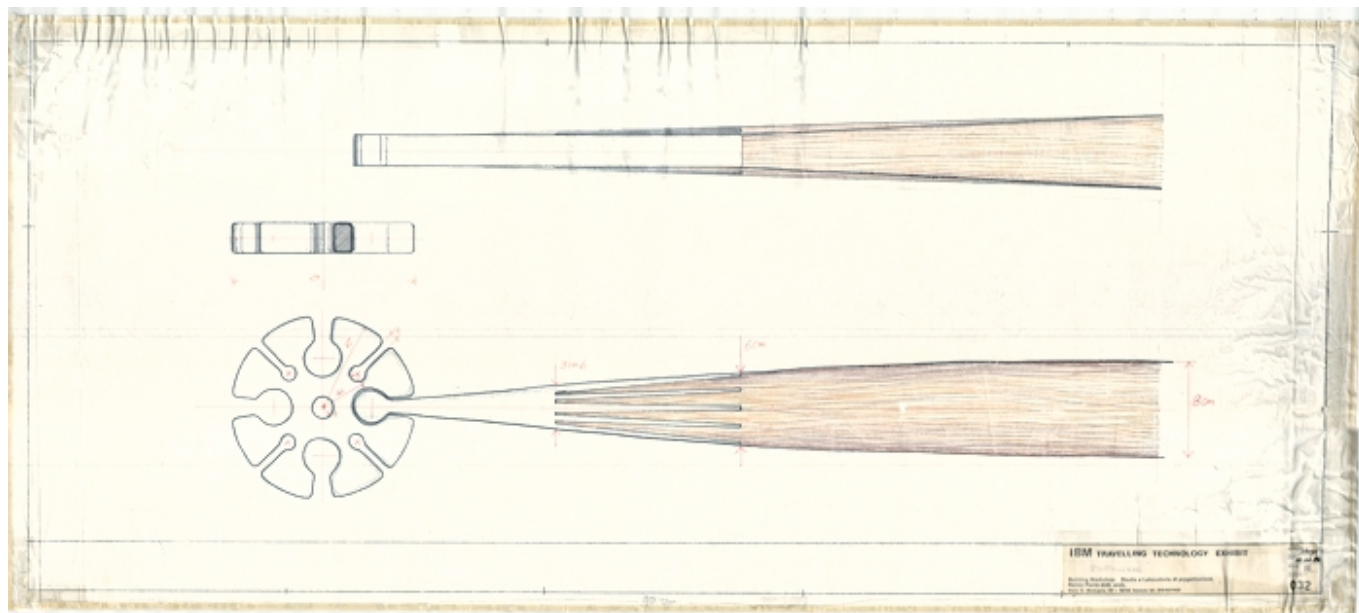
Date 1983/11/09

Drawing number 152a

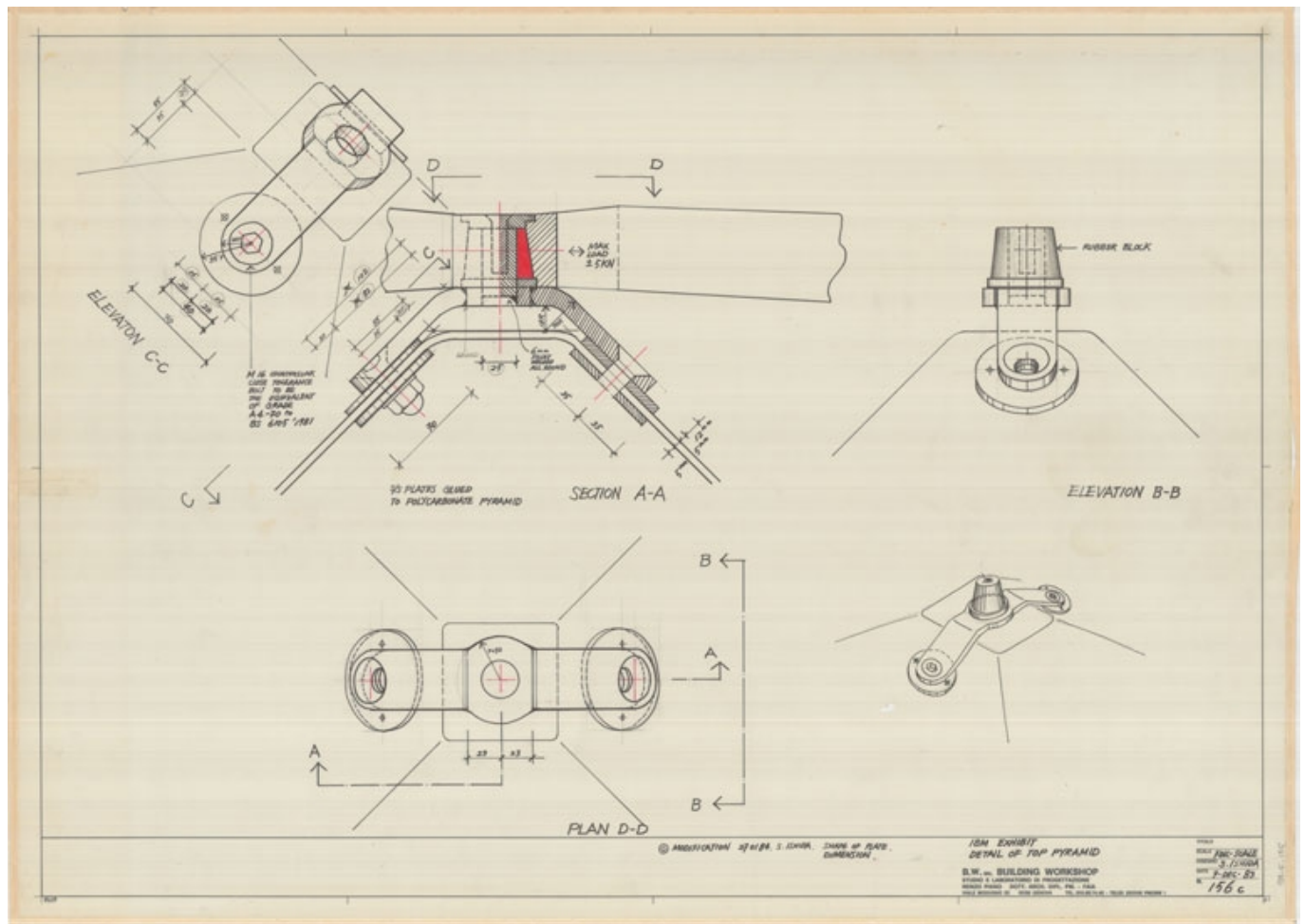
Drawing code IBM_E_002

Author Shunji Ishida/Renzo Piano architetto - B.W. srl
Building Workshop

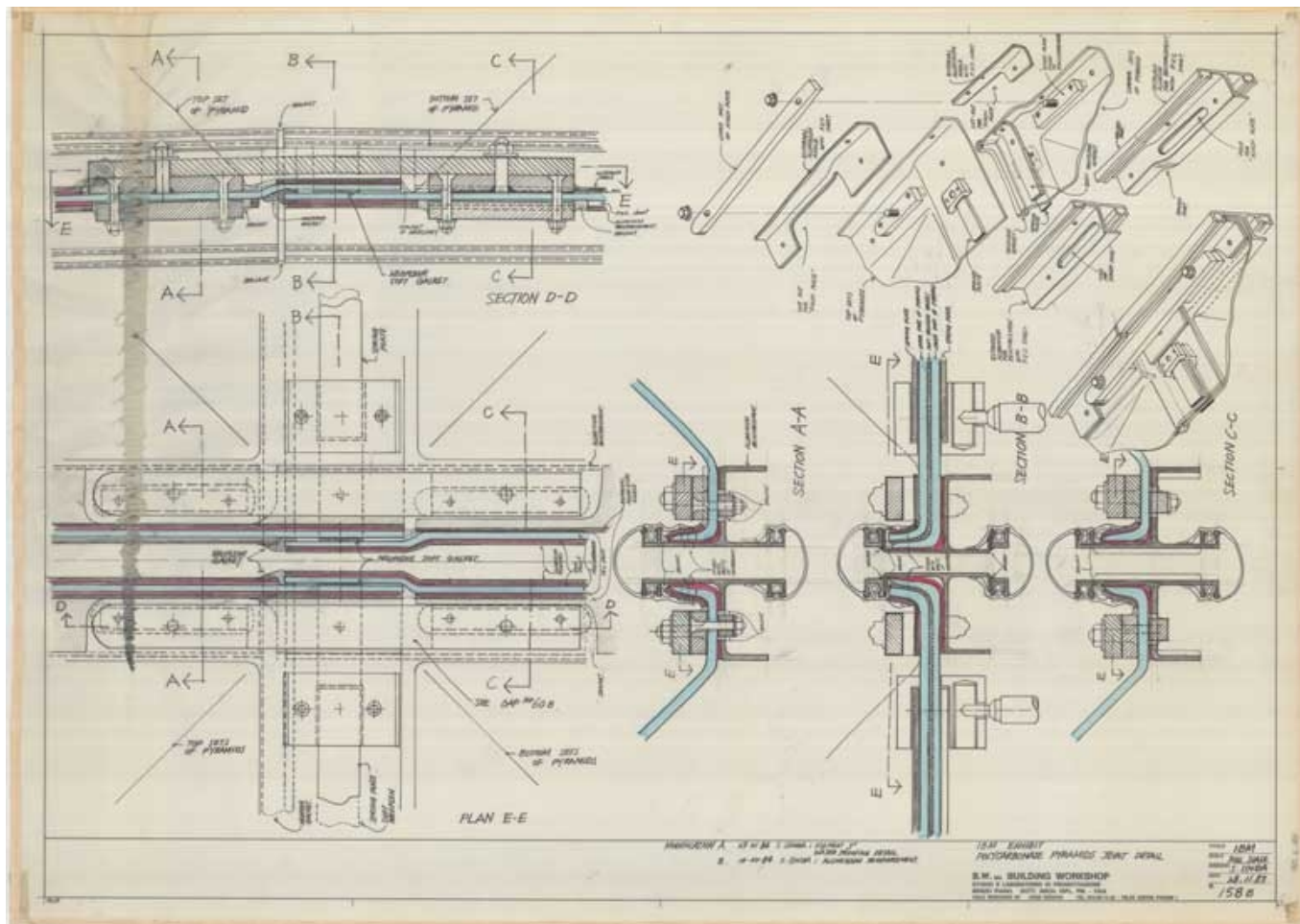
Copyright Fondazione Renzo Piano



Title	IBM Travelling Technology Exhibition-Particolare
Scale	1:1
Size	108,70 x 49,00 cm
Date	1982/04/20
Drawing number	032
Drawing code	IBM_E_003
Author	Shunji Ishida/Renzo Piano architetto - B.W. srl Building Workshop
Copyright	Fondazione Renzo Piano



Title	Detail of top of pyramid
Scale	1:1
Size	88,80 x 63,31 cm
Date	1984/01/27
Drawing number	156C
Drawing code	IBM_E_175
Author	Building Workshop s.r.l. Ishida, Shunji
Copyright	Fondazione Renzo Piano



Title	Polycarbonate pyramids joint detail
Scale	1:1
Size	89,05 x 62,89 cm
Date	1984/02/10
Drawing number	158B
Drawing code	IBM_E_188
Author	Building Workshop s.r.l. Ishida, Shunji
Copyright	Fondazione Renzo Piano

Modelli



Title	General Building Model
Date	1983-01-01
Model Code	IBM_MD_008_T
Scale	1:50
Model Author	RPBW - Renzo Piano Building Workshop Architects



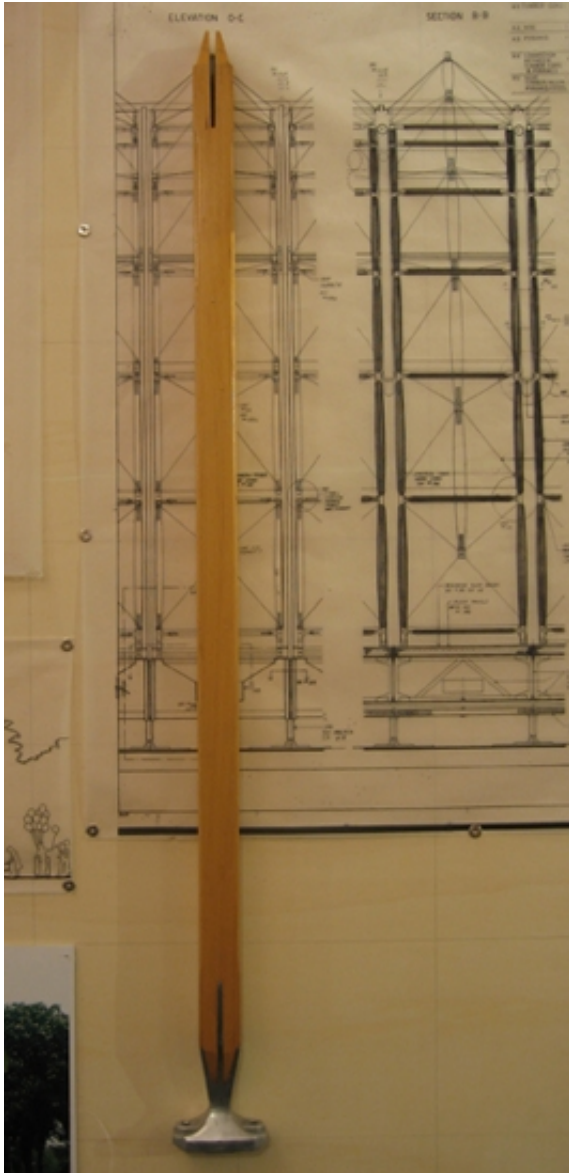
Title	General Building Model
Date	1983-01-01
Model Code	IBM_MD_008_F
Scale	1:50
Model Author	RPBW - Renzo Piano Building Workshop Architects



Title	General Building Model
Date	1983-01-01
Model Code	IBM_MD_008_Z
Scale	1:50
Model Author	RPBW - Renzo Piano Building Workshop Architects



Title	Typical Arch Half-Portion - As Built
Date	1984-01-01
Model Code	IBM_MD_011_F
Scale	1:1
Model Author	



Title	Laminated Secondary Beam - As Built
Date	1983-11-01
Model Code	IBM_MD_015_Z
Scale	1:1
Model Author	RPBW - Renzo Piano Building Workshop Architects



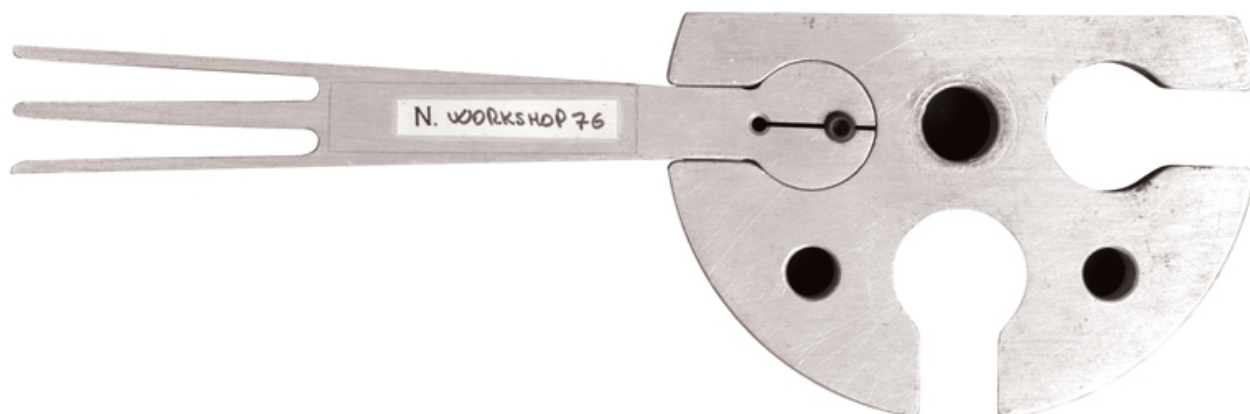
Title	Laminated Outer Rib
Date	1982-10-01
Model Code	IBM_MD_007_F
Scale	1:1
Model Author	RPBW - Renzo Piano Building Workshop Architects



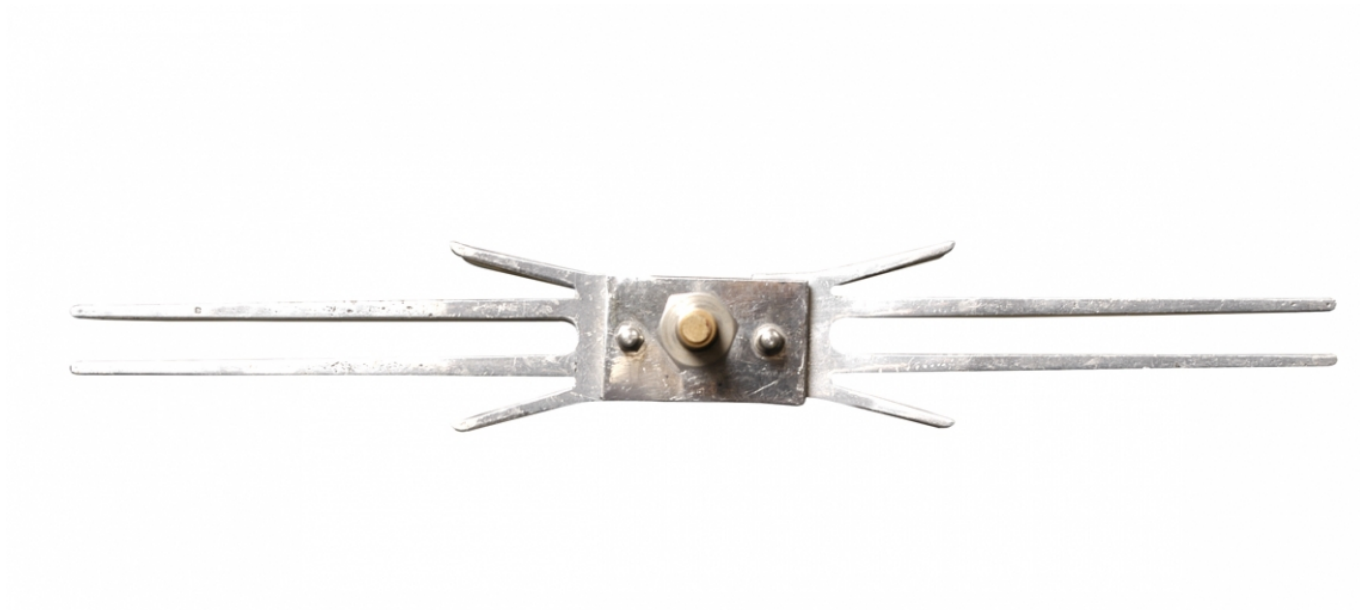
Title	Laminated Outer Rib
Date	1982-10-01
Model Code	IBM_MD_007_Z
Scale	1:1
Model Author	RPBW - Renzo Piano Building Workshop Architects



Title	Connection Detail - End of the Inner Ribs
Date	1982-10-01
Model Code	IBM_MD_003_Z
Scale	1:1
Model Author	RPBW - Renzo Piano Building Workshop Architects



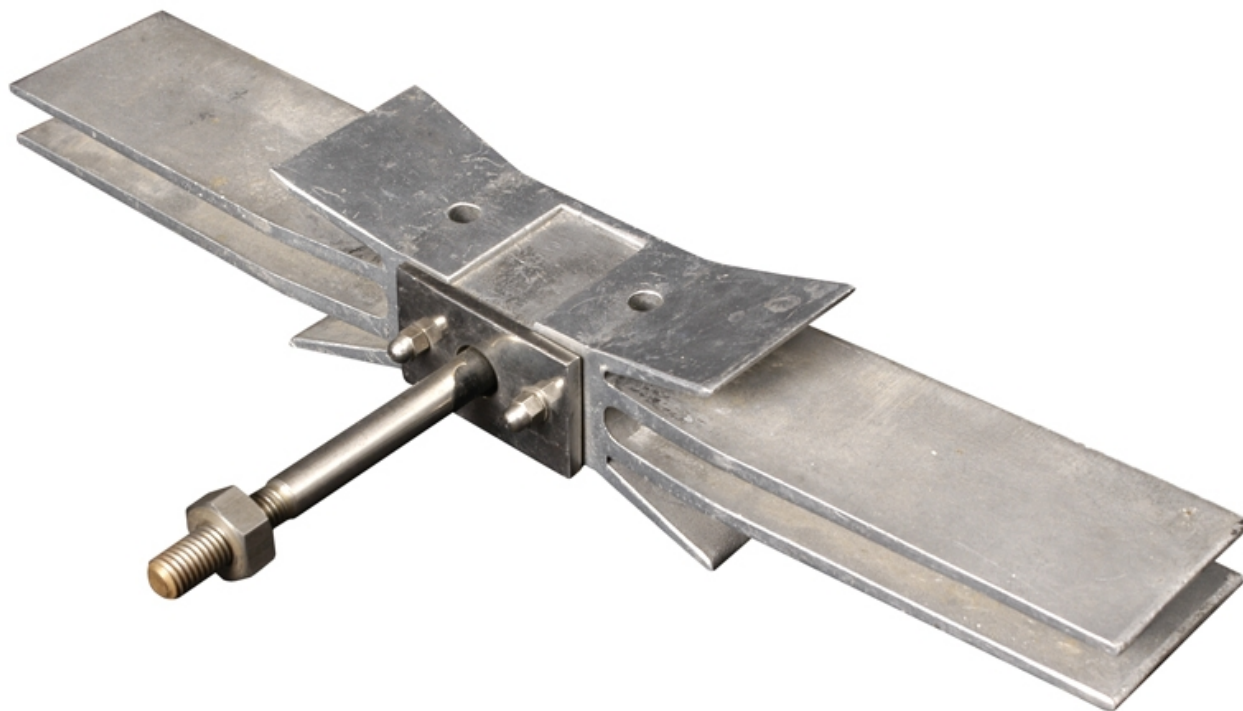
Title	Joint between Main and Secondary Timber
Date	1982-10-01
Model Code	IBM_MD_004_Z
Scale	1:1
Model Author	RPBW - Renzo Piano Building Workshop Architects



Title	Connection between Ladder and Pyramid - As Built
Date	1983-11-01
Model Code	IBM_MD_005_F
Scale	1:1
Model Author	RPBW - Renzo Piano Building Workshop Architects



Title	Connection between Top Pyramid and Outer Rib
Date	1982-10-01
Model Code	IBM_MD_002_Z
Scale	1:1
Model Author	RPBW - Renzo Piano Building Workshop Architects



Title	Connection between Ladder and Pyramid - As Built
Date	1983-11-01
Model Code	IBM_MD_005_T
Scale	1:1
Model Author	RPBW - Renzo Piano Building Workshop Architects



Title	Connection between Ladder and Pyramid - As Built
Date	1983-11-01
Model Code	IBM_MD_005_Z
Scale	1:1
Model Author	RPBW - Renzo Piano Building Workshop Architects

