

Renovation and expansion of the Morgan Library



In 2000, RPBW was commissioned to expand the Morgan Library. The site did not allow extensions in the direction of the surrounding streets (Madison Avenue, 36th and 37th) but only in the space between the existing ones. Any intervention should therefore be carried out within the existing perimeter and must respect the historical pre-existence. It was then excavated (up to 17 meters deep) all around the buildings, to find in the subsoil the areas where to place the deposit for the collection and the Auditorium. In the space released on the surface, there were 3 pavilions that connect to the historic buildings, leaving a large "square" free for public functions. The square is the heart of the intervention, a place of rest and relationship and above all a point of distribution that facilitates the achievement of every wing of the Library. The new pavilions, the square and the three historic buildings are linked to each other by a transparent glass and steel cover.

Dati Progetto

Design	2000 - 2003
Construction	2003 - 2006
Site area	1548 m2
Total area	15000 m2 (including pre-existing building/historical buildings)
Height	23,8 m
Floors	2 + 1 mezzanine + 4 basements
Auditorium	299 seats
Excavation	17 m in depth (at a distance of just 30 cm from the pre-existing buildings)

Credits

Client	The Morgan Library
Architect	Renzo Piano Building Workshop, architects in collaboration with Beyer Blinder Belle LLP (New York)
Consultants	Robert Silman Associates (structure); Cosentini Associates (services); Ove Arup & Partners (thermal performance and lighting); Front (façade consultant); Kahle Acoustics (acoustics); Harvey Marshall Associates (A/V consultant); IROS (elevator design); HM White (landscape); Stuart-Lynn Company (cost consultant)

Immagini



Subject	Site image before the intervention
Date	-
Image code	Mor_219
Author	
Copyright	Morgan Library



Subject	Excavations
Date	(2003)
Image code	Mor_179
Author	Tse, Rob
Copyright	RPBW - Renzo Piano Building Workshop Architects



Subject	Excavation phase
Date	2004-04
Codice Immagine	Mor_c139
Author	Prial, Frank
Copyright	RPBW - Renzo Piano Building Workshop Architects



Subject	The excavation: we reached a depth of 17 meters just 30 cm away from the surrounding buildings
Date	2004-04
Image code	Mor_c117
Author	Studio Maggi / Moreno Maggi
Copyright	RPBW - Renzo Piano Building Workshop Architects



Subject	Building site
Date	(2003)
Image code	Mor_148
Author	Cadan, Richard
Copyright	RPBW - Renzo Piano Building Workshop Architects



Subject

The early phases of the construction. The challenge was to build a new and more efficient building, in a place where the Manhattan's urban density could not allow any expansion. The only possible solution was to dig around the existing building

Date

(2003)

Image code

Mor_150

Author

Cadan, Richard

Copyright

RPBW - Renzo Piano Building Workshop Architects



Subject	Construction site phase
Date	(2004)
Image code	Mor_c152
Author	Prial, Frank
Copyright	RPBW - Renzo Piano Building Workshop Architects



Subject	Construction site phase
Date	(2004)
Image code	Mor_c153
Author	Prial, Frank
Copyright	RPBW - Renzo Piano Building Workshop Architects



Subject	Construction site phase
Date	(2005)
Image code	Mor_176
Author	Esto Photographic Inc.
Copyright	Esto Photographic Inc.



Subject	Building under construction
Date	(2006/04)
Image code	Mor_185
Author	Tse, Rob
Copyright	RPBW - Renzo Piano Building Workshop Architects



Subject	Aerial site view
Date	(2006/04)
Image code	Mor_418
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	Aerial site view
Date	(2006/04)
Image code	Mor_418
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	Aerial building view
Date	2006-04-01
Image code	Mor_288
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	The new entrance block on Madison avenue between the dark-hued Morgan mansion (1853), on the left, and the Morgan Library-annex, the extension of the original library (1906) designed by McKim, Mead & White in 1928
Date	(2006/04)
Image code	Mor_274
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	External building view
Date	2006-04-01
Image code	Mor_273
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	Night view of the building
Date	2006-04-01
Image code	Mor_279
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	The small cubic building on the 36th Street side has the dual function of connecting original library nucleus to the Annex (1928) and displaying its priceless collection of rare medieval and renaissance manuscript, autograph scores, books, prints and drawings
Date	(2006/04)
Image code	Mor_275
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	External view of the building between the two annexes
Date	(2006/04)
Image code	Mor_278
Author	Denancé, Michel
Copyright	Denancé, Michel



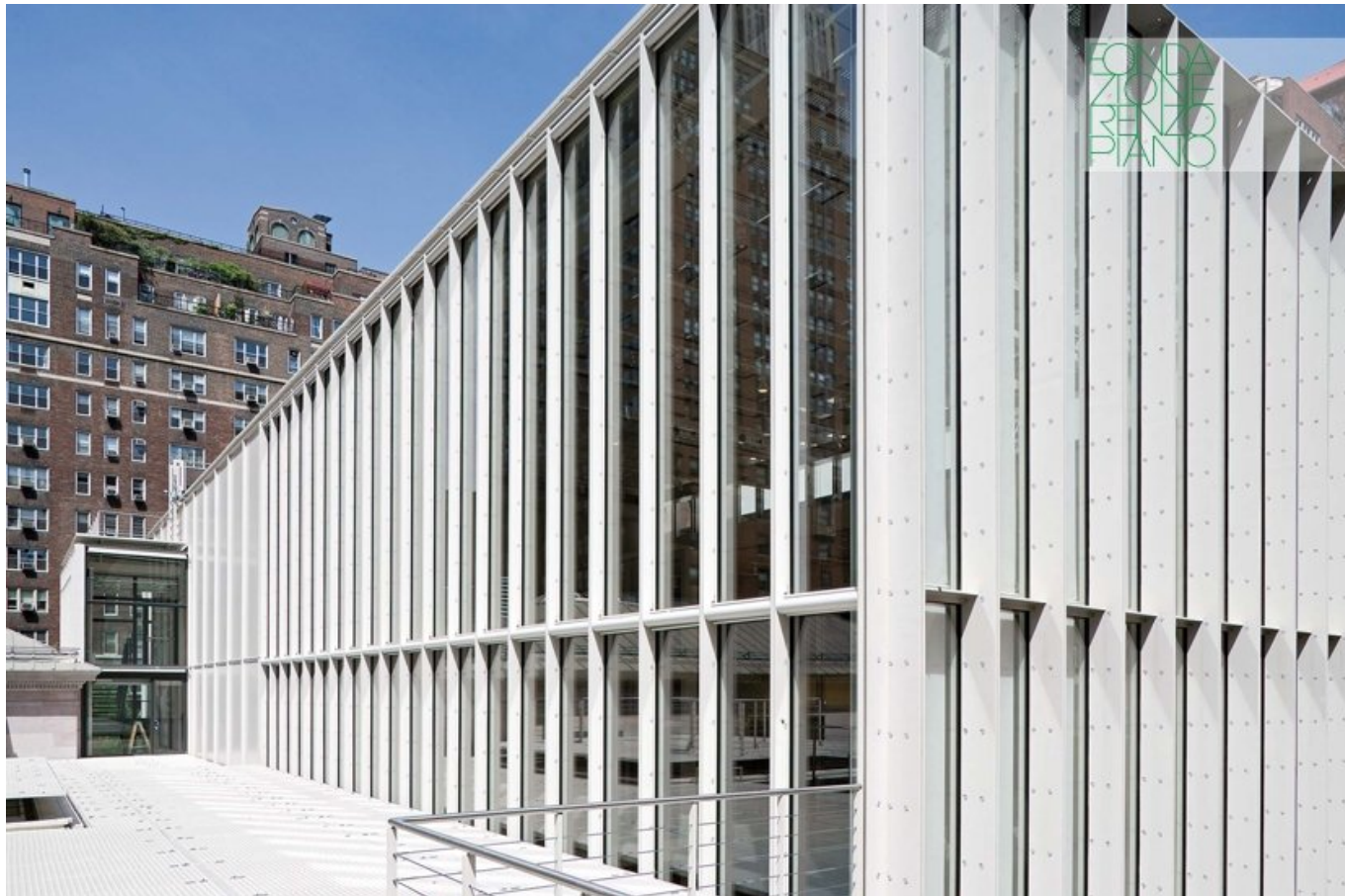
Subject	External view of the building between the two annexes
Date	(post 2006)
Image code	Mor_296
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	Detail of the external façade
Date	(2006/04)
Image code	Mor_287
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	Detail of the external façade
Date	(2006/04)
Image code	Mor_277
Author	Denancé, Michel
Copyright	Denancé, Michel



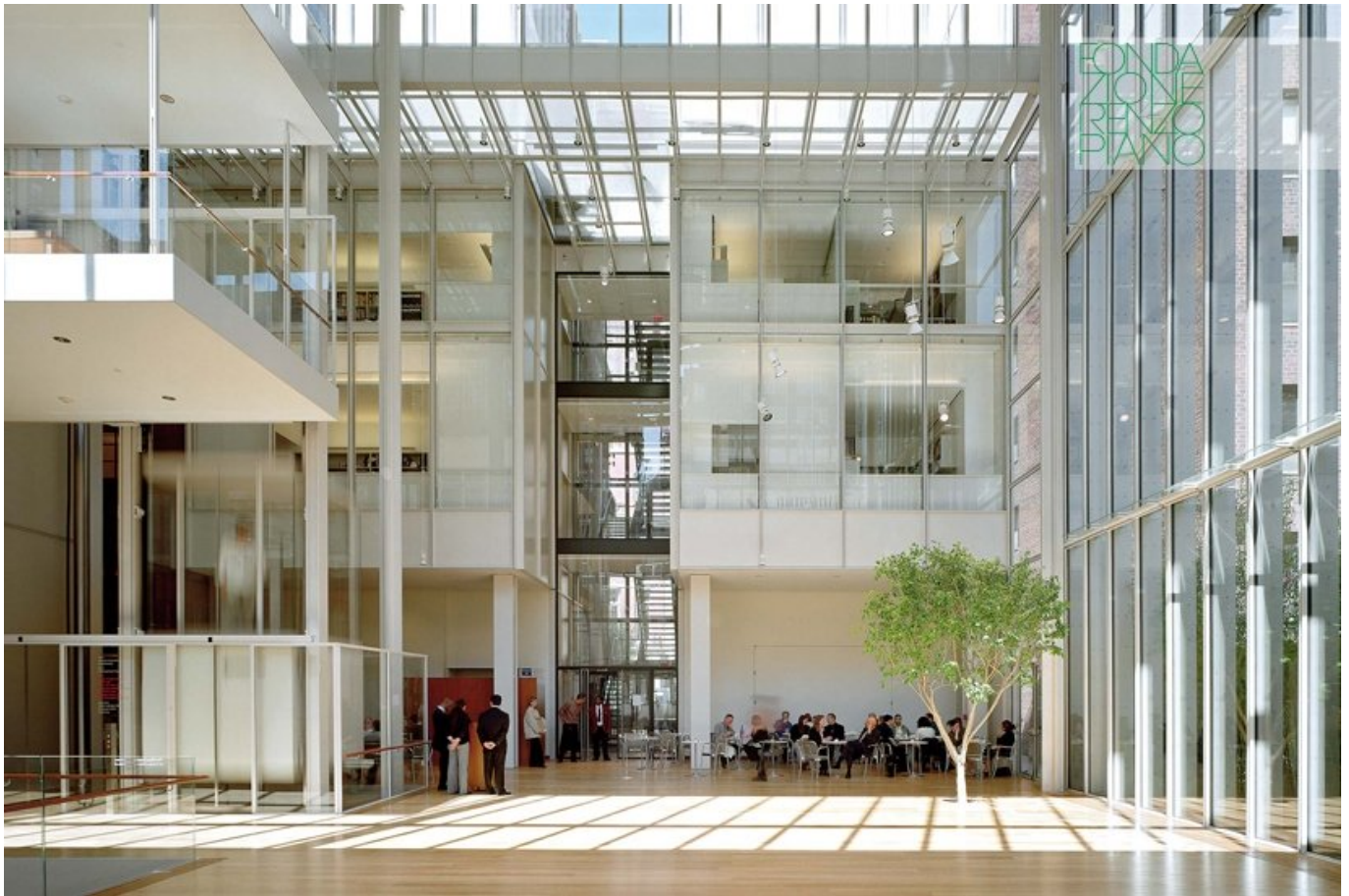
Subject	External view of the facade
Date	(2006/04)
Image code	Mor_334
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	Roof detail
Date	(2006/04)
Image code	Mor_331
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	Detail of the external walls
Date	(2006/04)
Image code	Mor_325
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	View of an interior space
Date	post 2006
Image code	Mor_286
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	View of an interior space
Date	post 2006
Image code	Mor_281
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	View of an interior space
Date	(2006)
Image code	Mor_283
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	View of the entrance lobby conceived as an internal plaza at the heart of the complex
Date	(2006)
Image code	Mor_282
Author	Denancé, Michel
Copyright	Denancé, Michel



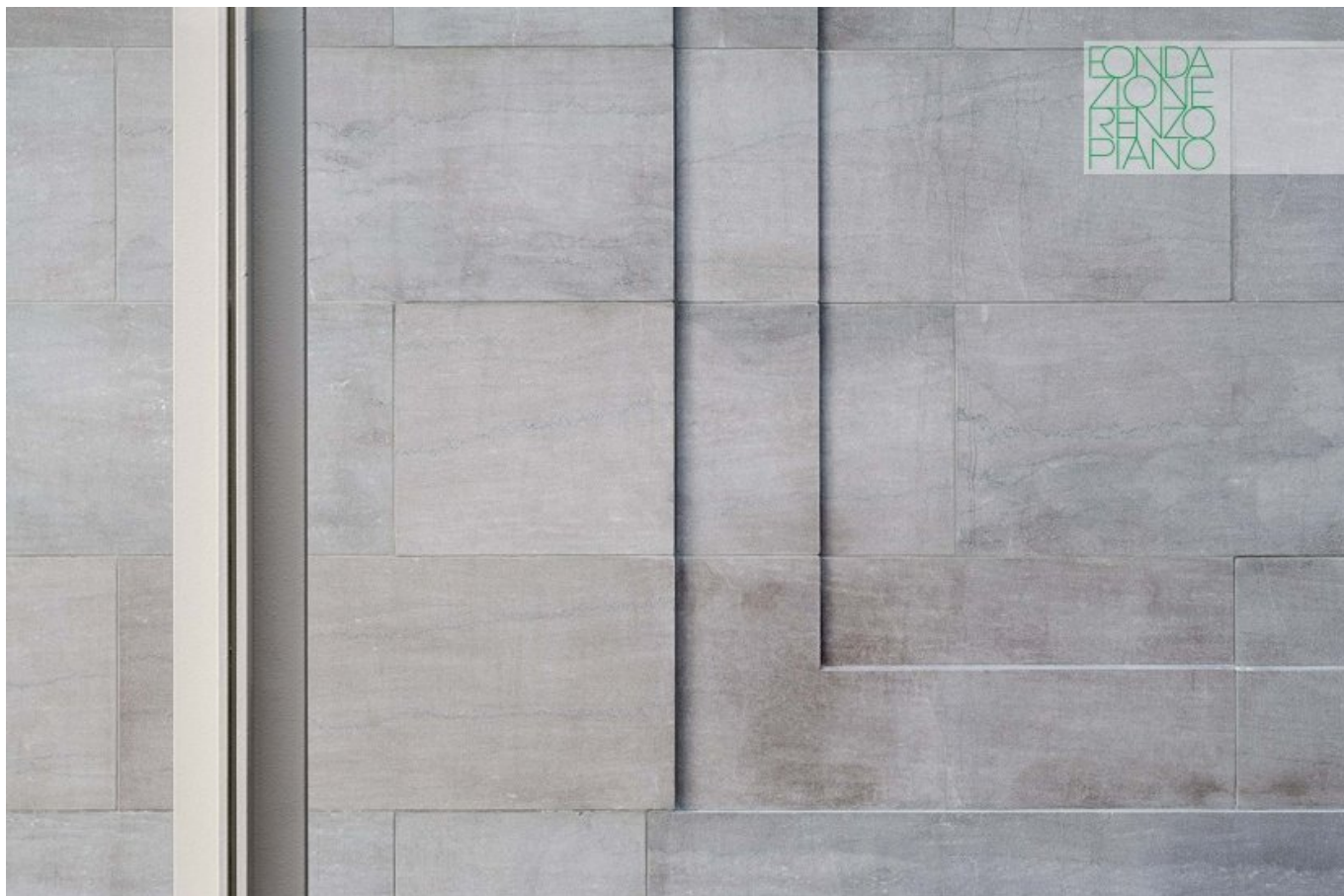
Subject	Detail of an interior space
Date	(2006)
Image code	Mor_284
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	Detail of an interior space
Date	2006-04-01
Image code	Mor_338
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	Detail of an interior wall
Date	2006-04-01
Image code	Mor_315
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	Detail of the interior lining
Date	2006-04-01
Image code	Mor_330
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	Cover detail
Date	2006-04-01
Image code	Mor_289
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	View on an interior space
Date	2006-04-01
Image code	Mor_318
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	Detail of an internal staircase
Date	2006-04-01
Image code	Mor_294
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	View of an exhibition space
Date	2006-04-01
Image code	Mor_340
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	Detail of an interior space
Date	(2006)
Image code	Mor_410
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	View of the 299-seat concert hall. It has been made by using cherry wood panels
Date	(2006)
Image code	Mor_316
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	View of the 299-seat concert hall. It has been made by using cherry wood panels
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Date	
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Image code	Mor_349
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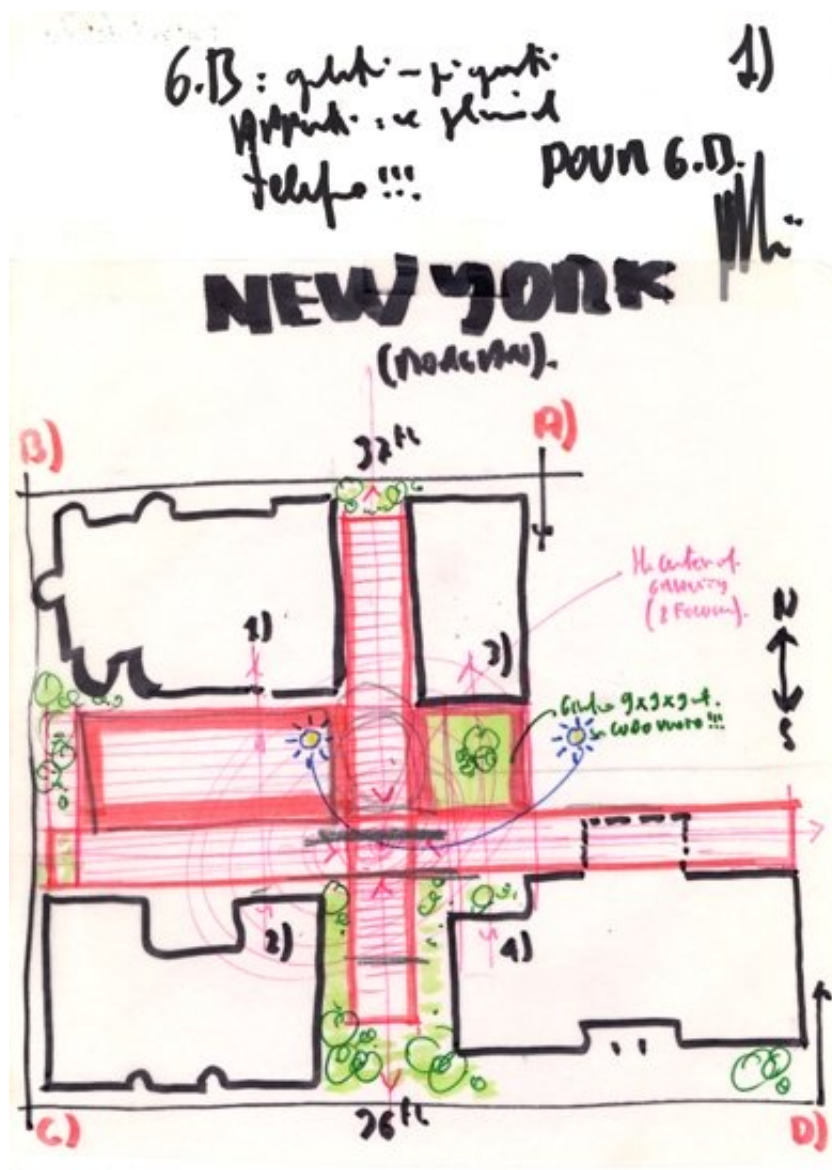
Author	Denancé, Michel
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Copyright	Denancé, Michel
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Subject	View of the new double-height reading room on the top floor of the block on the Madison Avenue side receives daylight from its glass roof
Date	(2006)
Image code	Mor_349
Author	Denancé, Michel
Copyright	Denancé, Michel

Disegni

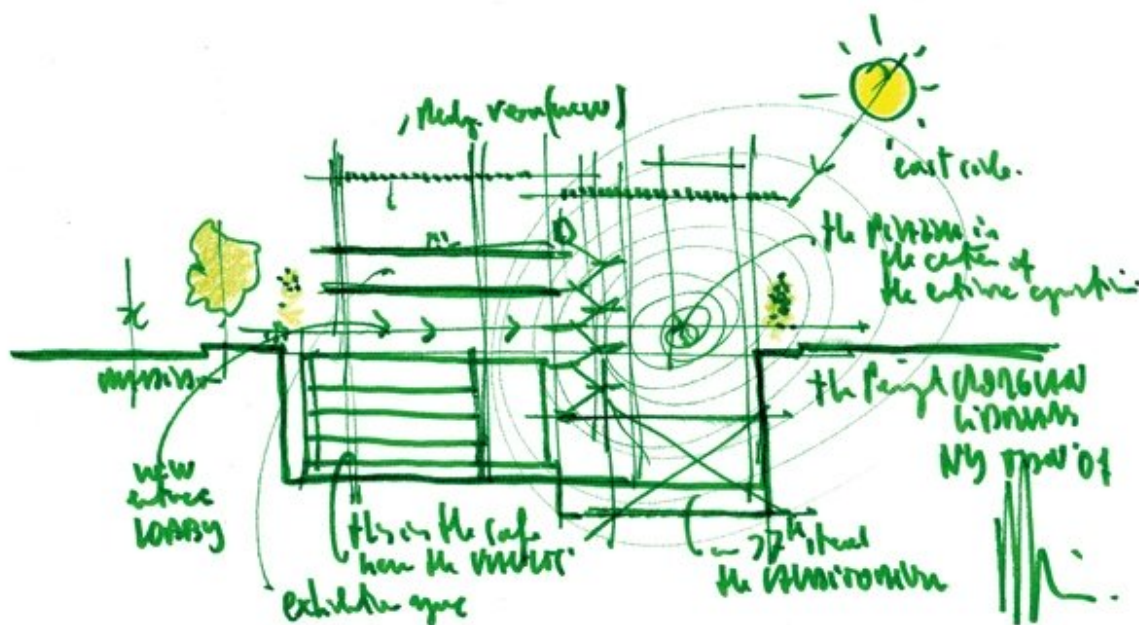


Title	New York (Morgan)
Scale	-
Size	A4
Date	(2000/10)
Drawing number	-

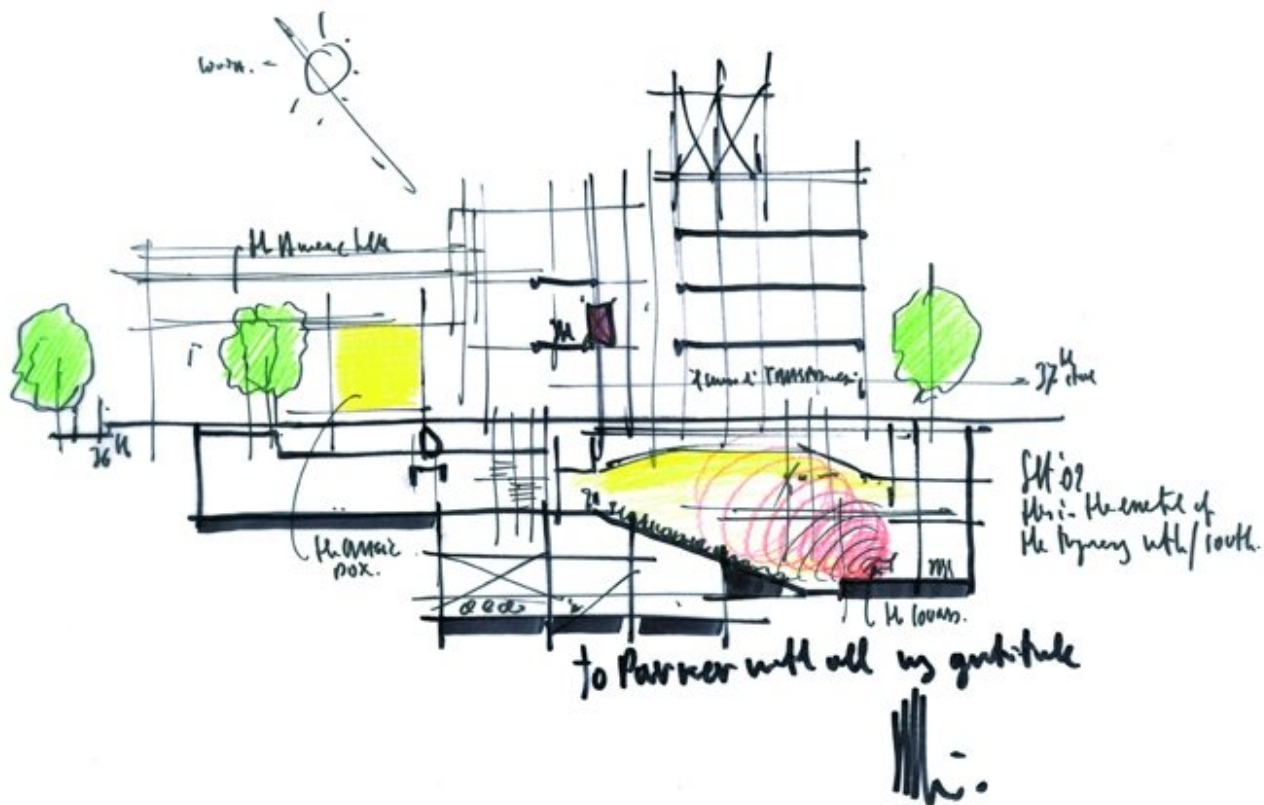
Drawing code	MOR-rp_004
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Author	Renzo Piano
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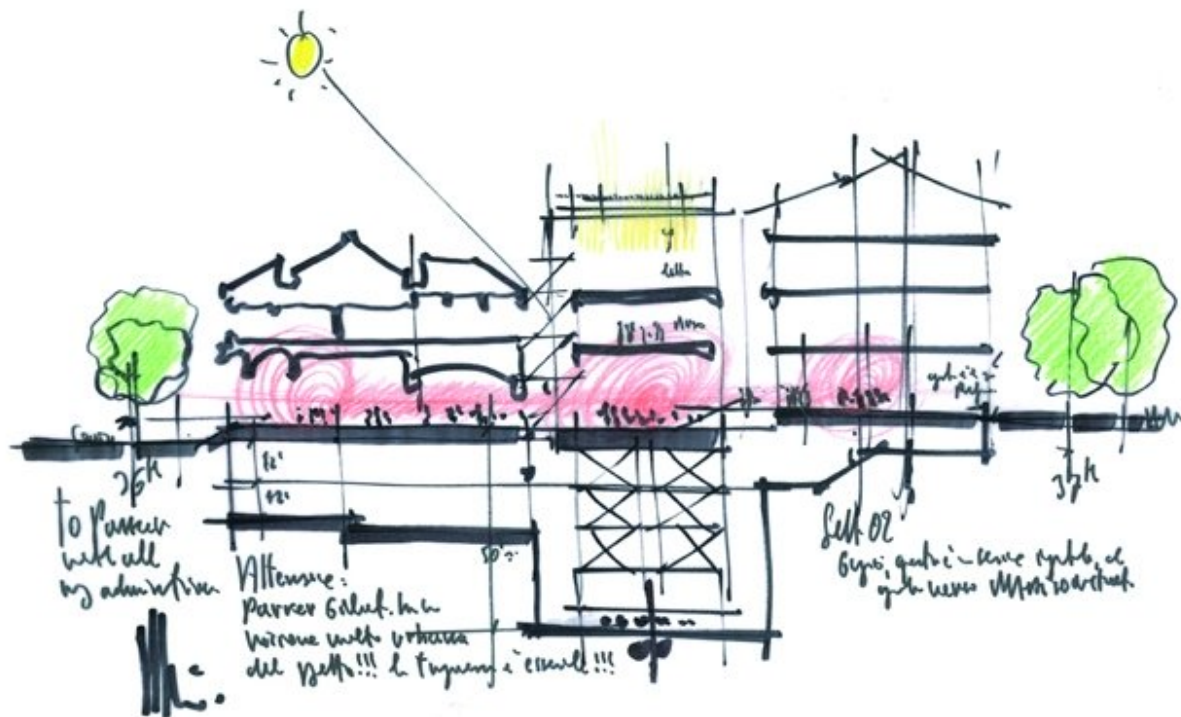
Copyright	Renzo Piano
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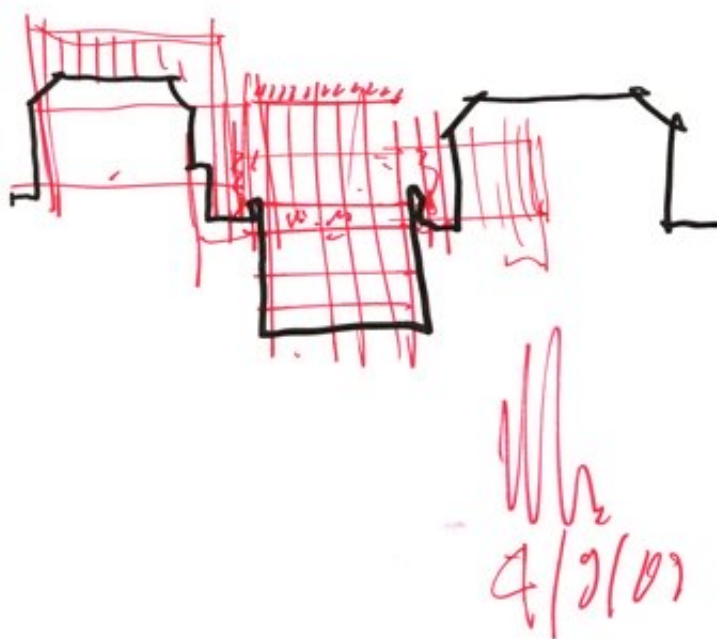
Title	Morgan Library
Scale	-
Size	A4
Date	(2001/11)
Drawing number	-
Drawing code	MOR-rp_037
Author	Renzo Piano
Copyright	Renzo Piano



Title	Morgan Library section auditorium
Scale	-
Size	A4
Date	(2002/09)
Drawing number	-
Drawing code	MOR-rp_051
Author	Renzo Piano
Copyright	Renzo Piano



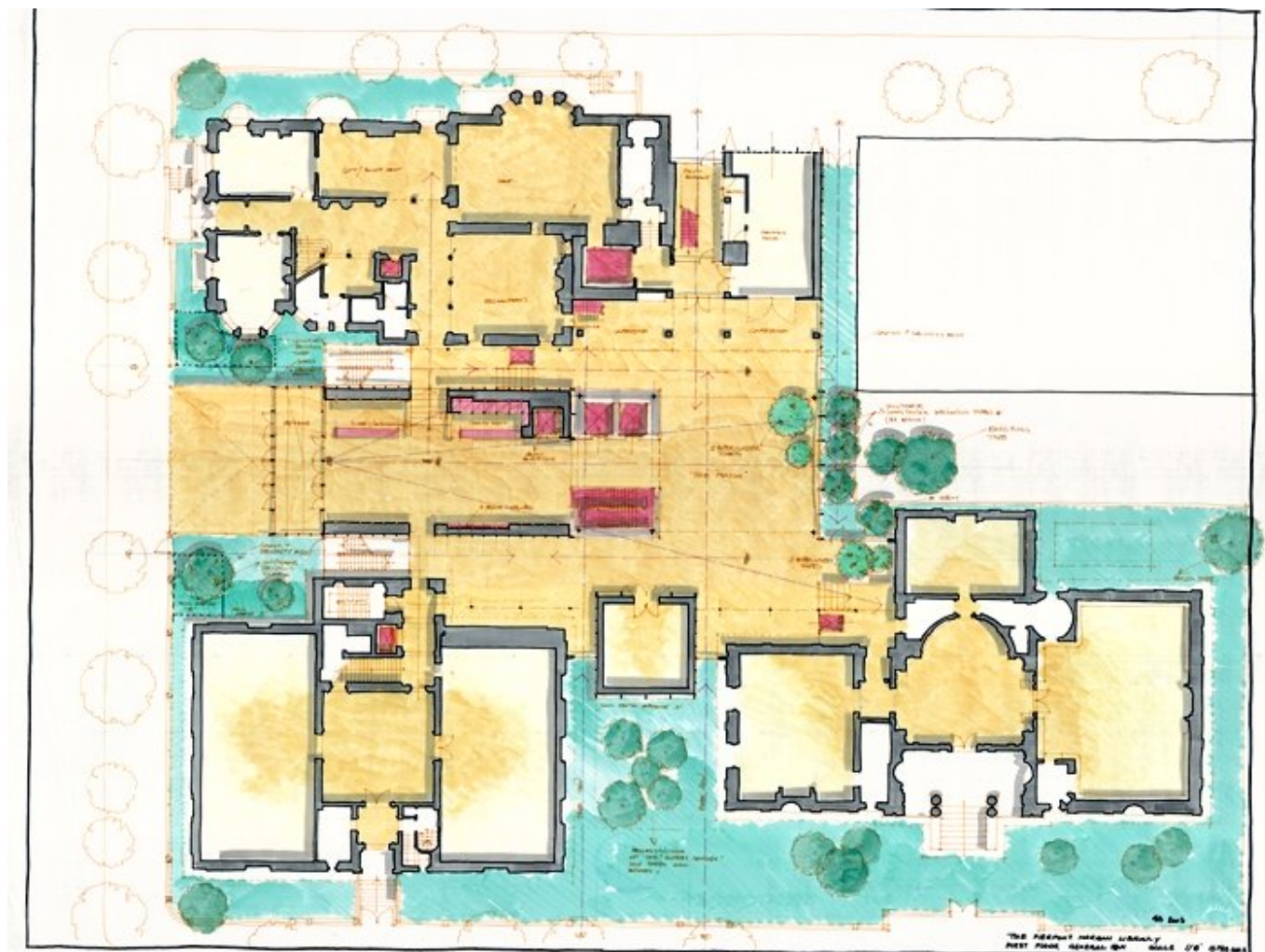
Title	-
Scale	-
Size	A4
Date	(2002/09)
Drawing number	-
Drawing code	MOR-rp_050
Author	Renzo Piano
Copyright	Renzo Piano



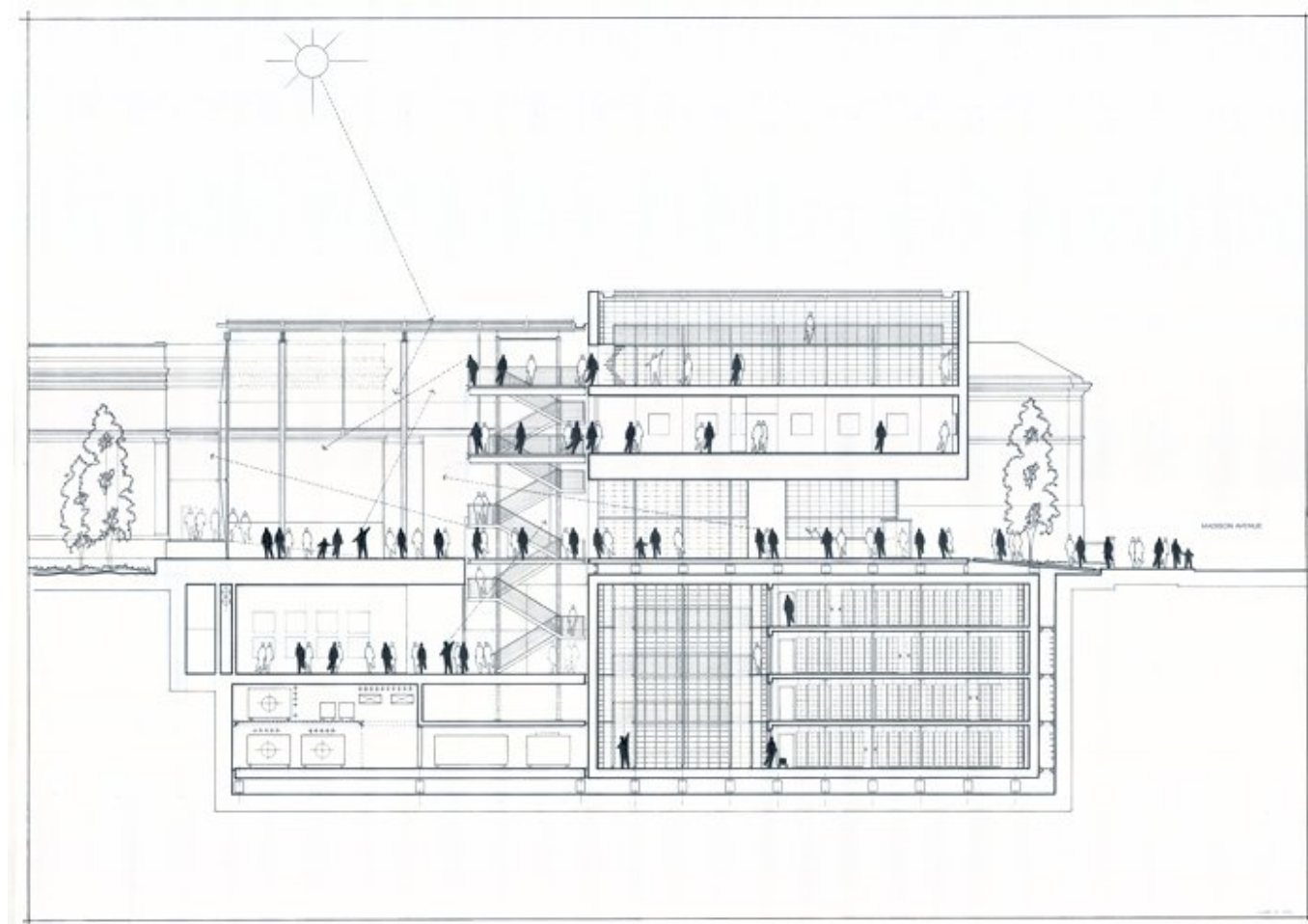
Title	-
Scale	-
Size	A4
Date	2002/09/04
Drawing number	-
Drawing code	MOR-rp_048

Author	Renzo Piano
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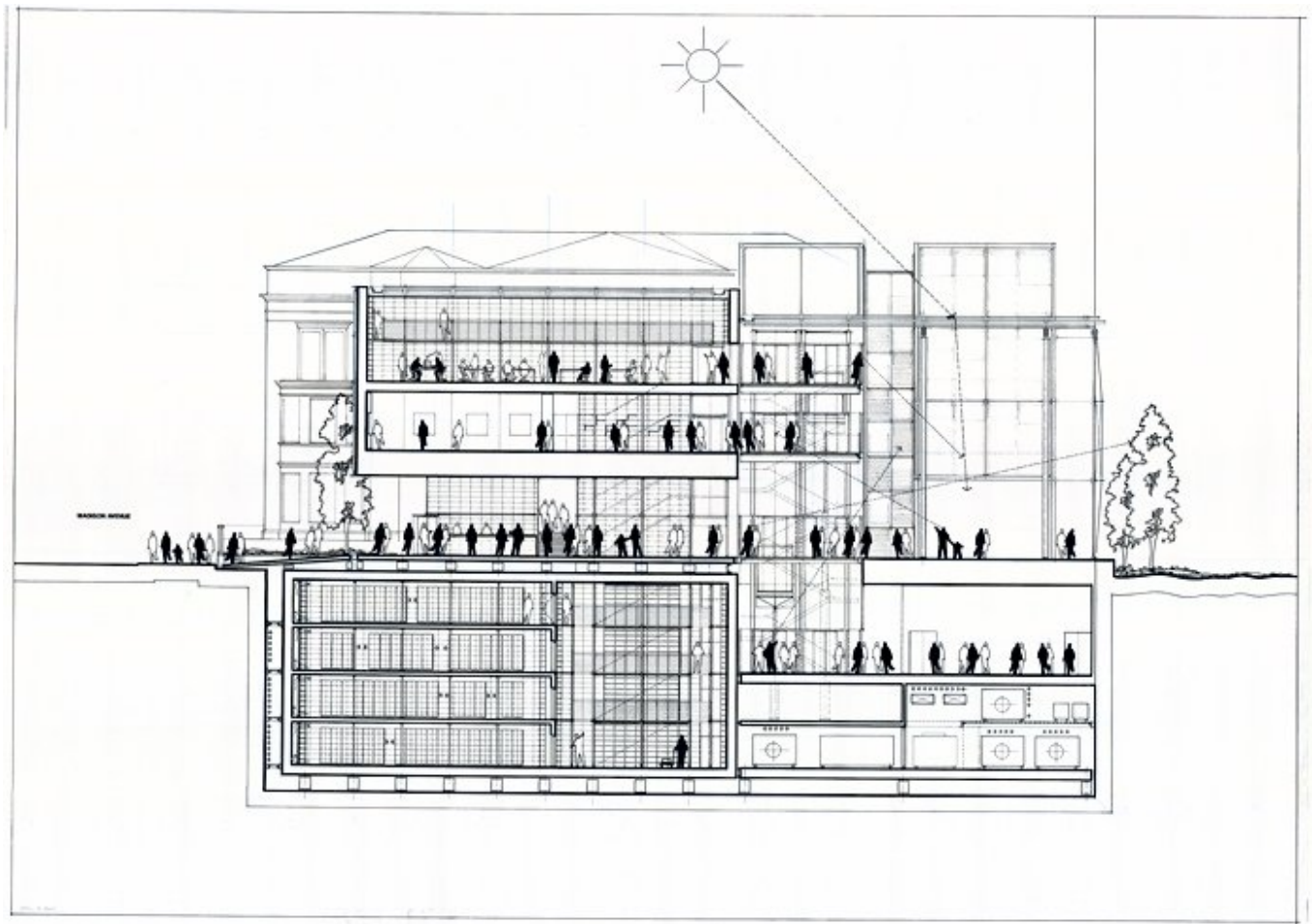
Copyright	Renzo Piano
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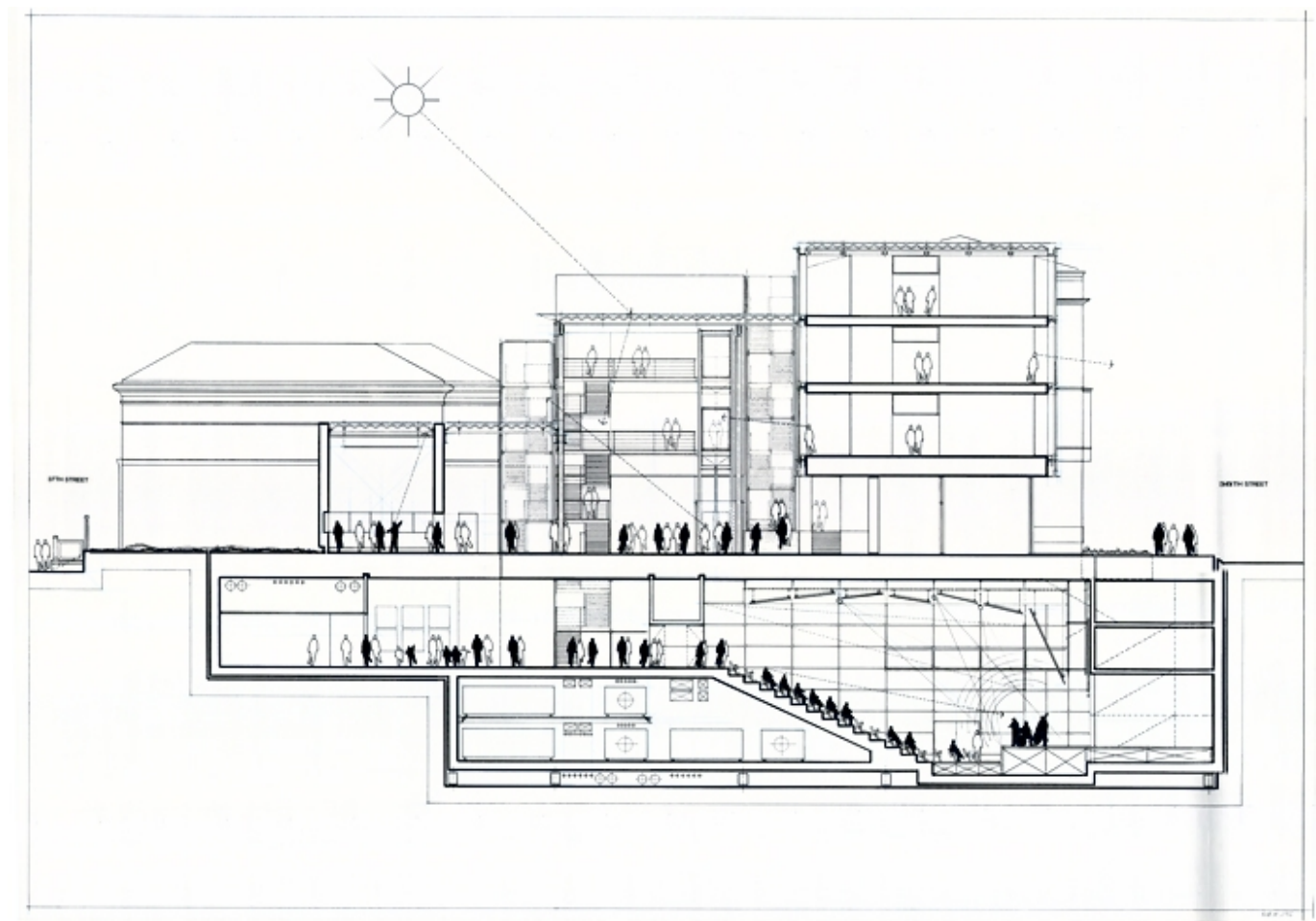
Title	The Pierpoint Morgan Library first floor plan
Scale	1/8"=1'-0"
Size	A0
Date	2003/02/15
Drawing number	-
Drawing code	MOR_E_121
Author	Giorgio Bianchi/Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



Title	(West - East section)
Scale	N/A
Size	117x84 cm
Date	2001/10/22
Drawing number	-
Drawing code	MOR_E_074
Author	Giorgio Bianchi/Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



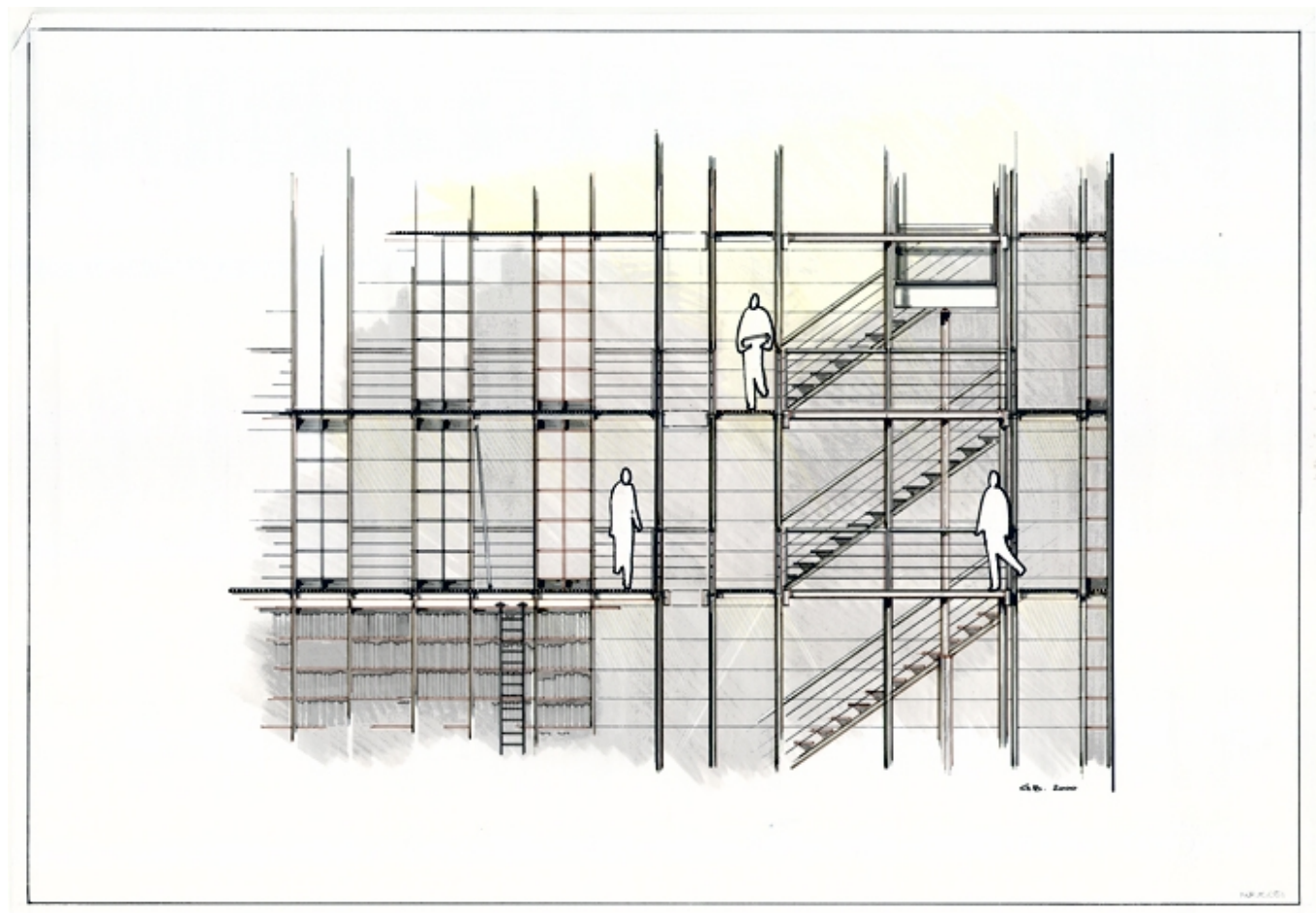
Title	West - east section
Scale	N/A
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Date	2001/10/22
Drawing number	-
Drawing code	MOR_E_075
Author	Giorgio Bianchi/Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



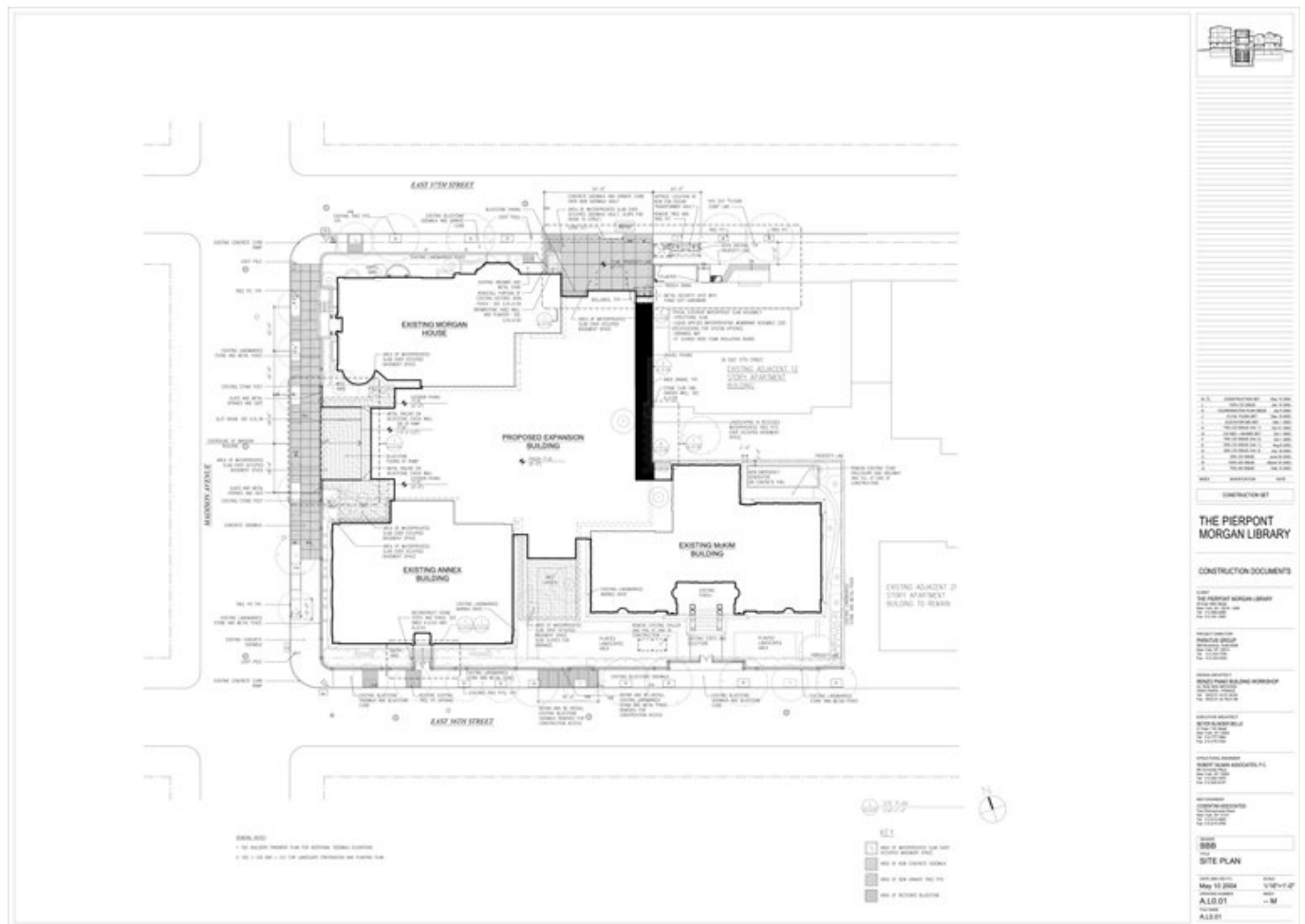
Title	(North - South section)
Scale	N/A
Size	111,5x83 cm
Date	2001/10/22
Drawing number	-
Drawing code	MOR_E_076
Author	Giorgio Bianchi/Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



Title	-
Scale	N/A
Size	A0
Date	2003/12
Drawing number	-
Drawing code	MOR_E_120
Author	Giorgio Bianchi/Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



Title	(Morgan Library 'La biblioteca infinita')
Scale	N/A
Size	82x57 cm
Date	2003/12
Drawing number	-
Drawing code	MOR_E_051
Author	Giorgio Bianchi/Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



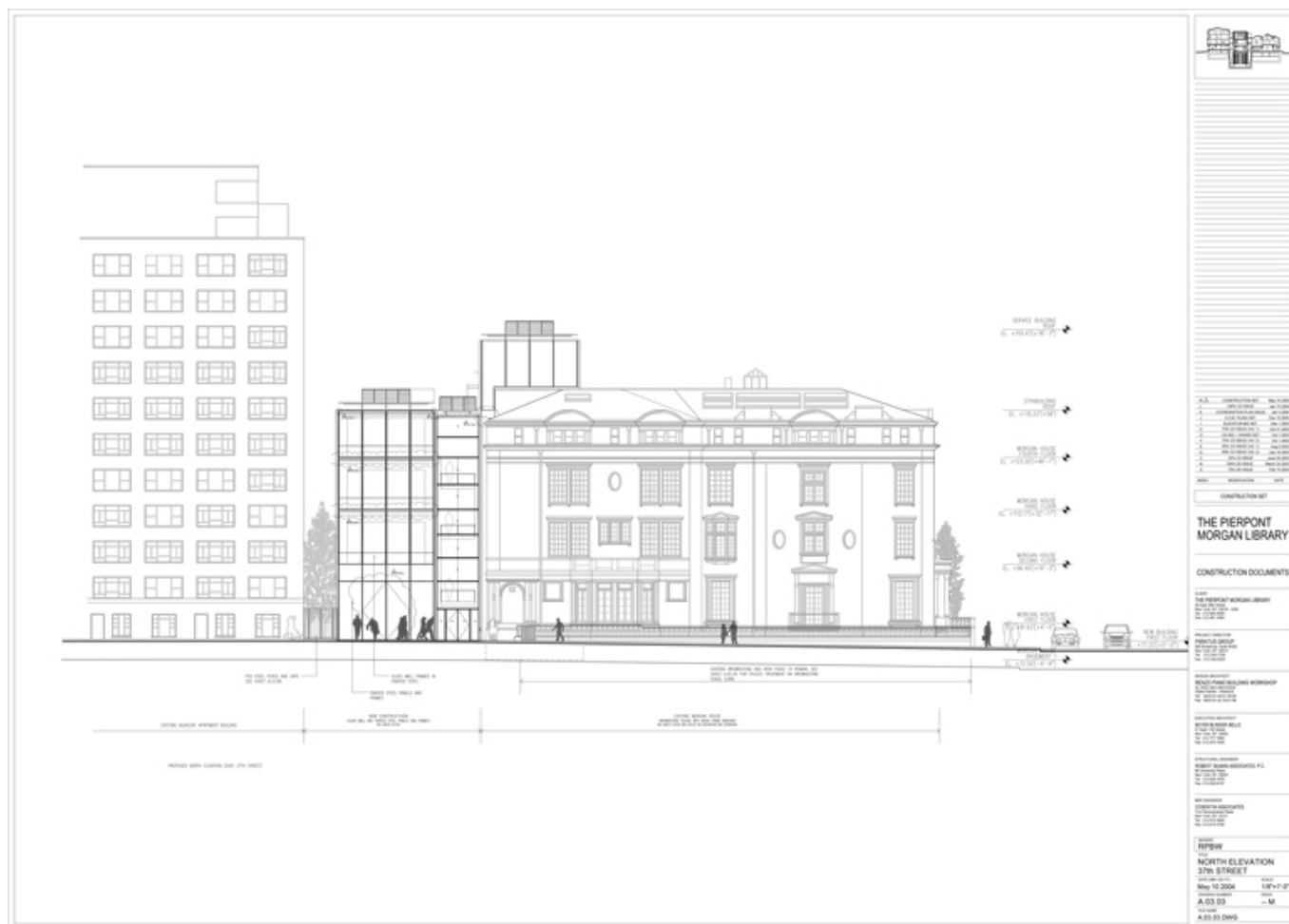
Title	Site Plan
Scale	1/16"=1'-0"
Date	2004/05/10
Drawing number	A.L.O.01
Drawing code	MOR_DW_016
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



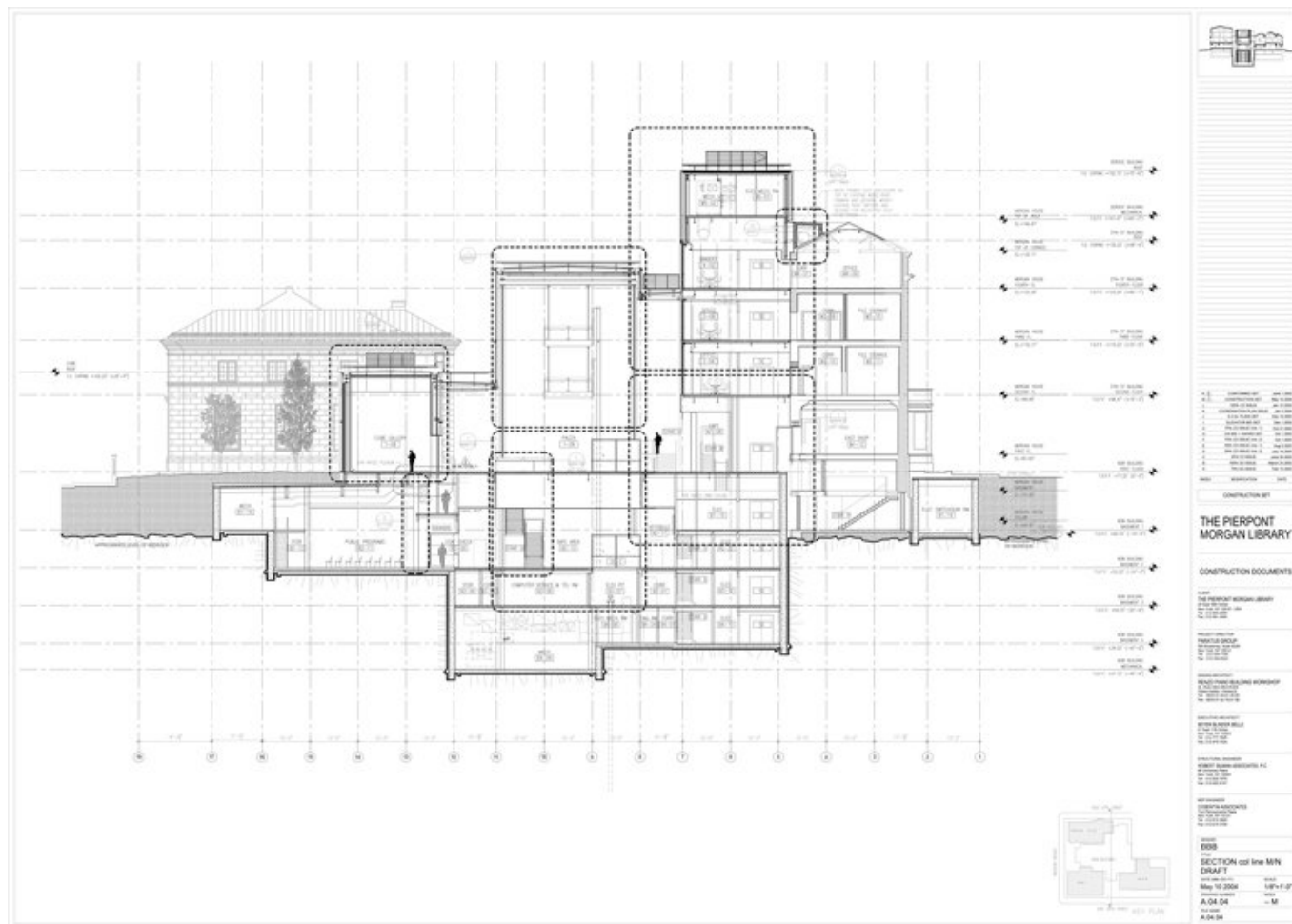
Title	South (East 36th Street) building elevation
Scale	1/8"=1'-0"
Date	2004/05/10
Drawing number	A.03.01
Drawing code	MOR_DW_028
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



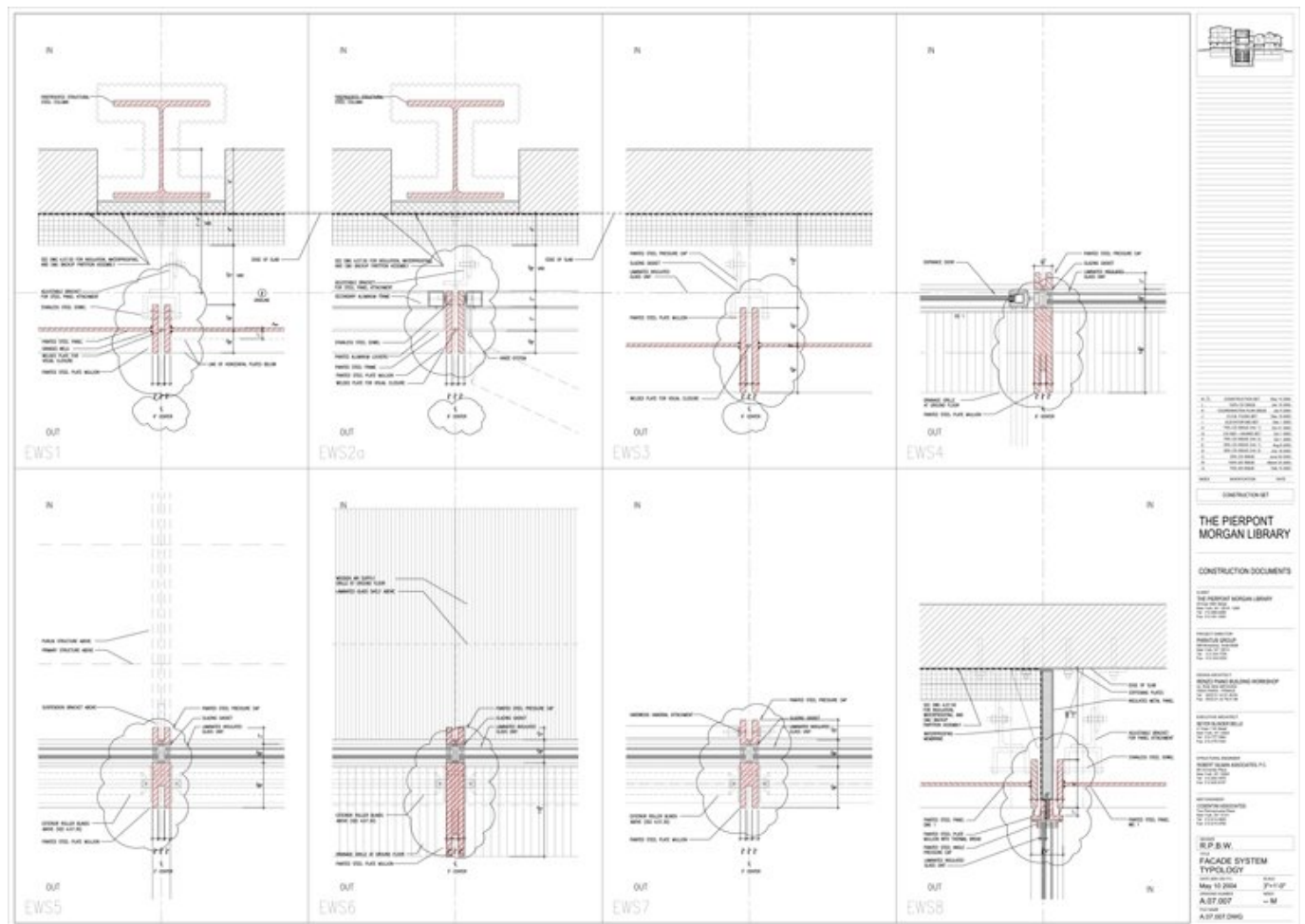
Title	West (Madison Avenue) building elevation
Scale	1/8"=1'-0"
Date	2004/05/10
Drawing number	A.03.02
Drawing code	MOR_DW_029
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



Title	North (East 37th Street) building elevation
Scale	1/8"=1'-0"
Date	2004/05/10
Drawing number	A.03.03
Drawing code	MOR_DW_030
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



Title	N-S Building Section at col line M/N
Scale	1/8"=1'-0"
Date	2005/06/01
Drawing number	A.04.04
Drawing code	MOR_DW_035
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



Title Facade system typology

Scale 3"=1'-0"

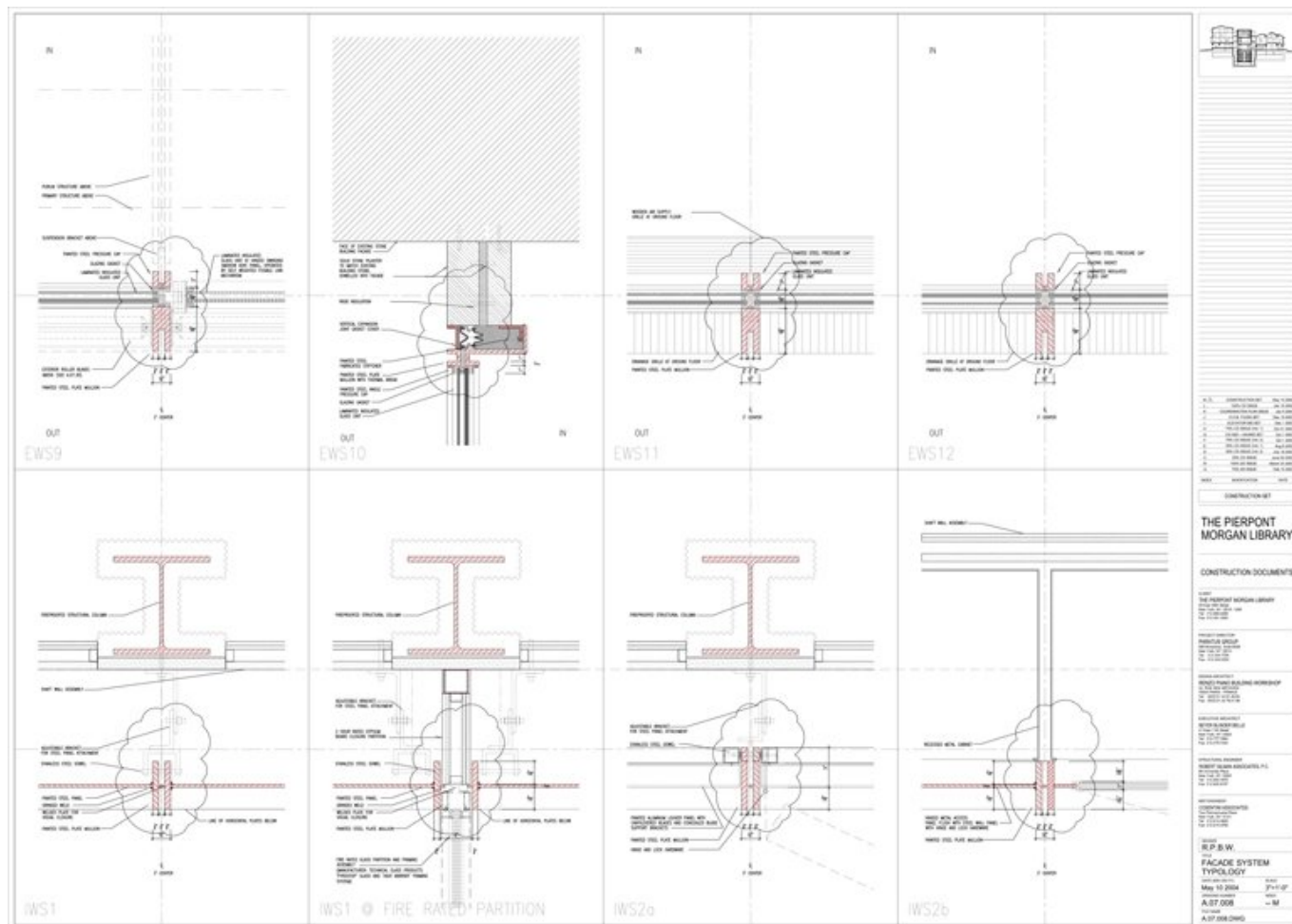
Date 2004/05/10

Drawing number A.07.007

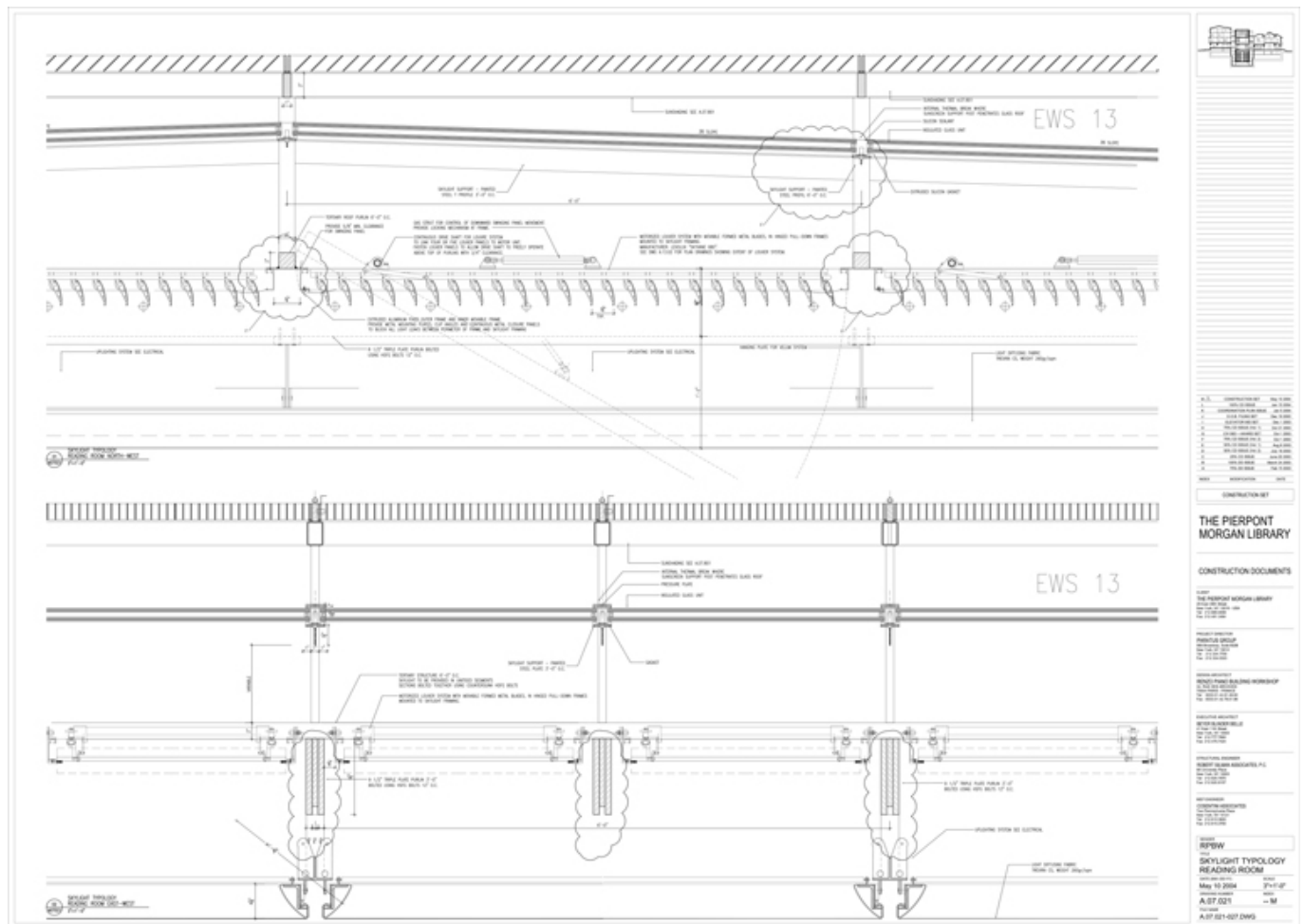
Drawing code MOR_DW_124

Author Renzo Piano Building Workshop

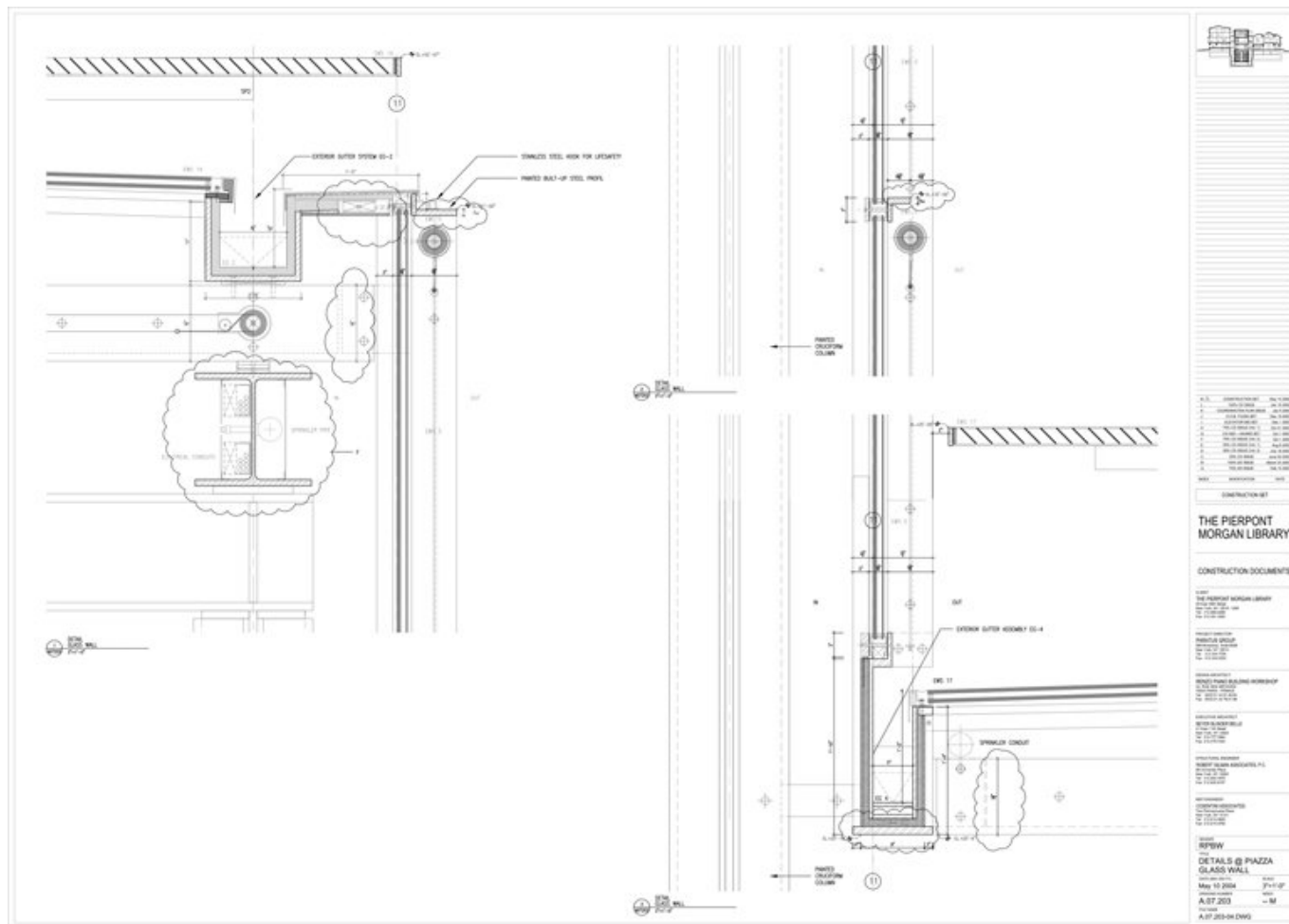
Copyright Renzo Piano Building Workshop



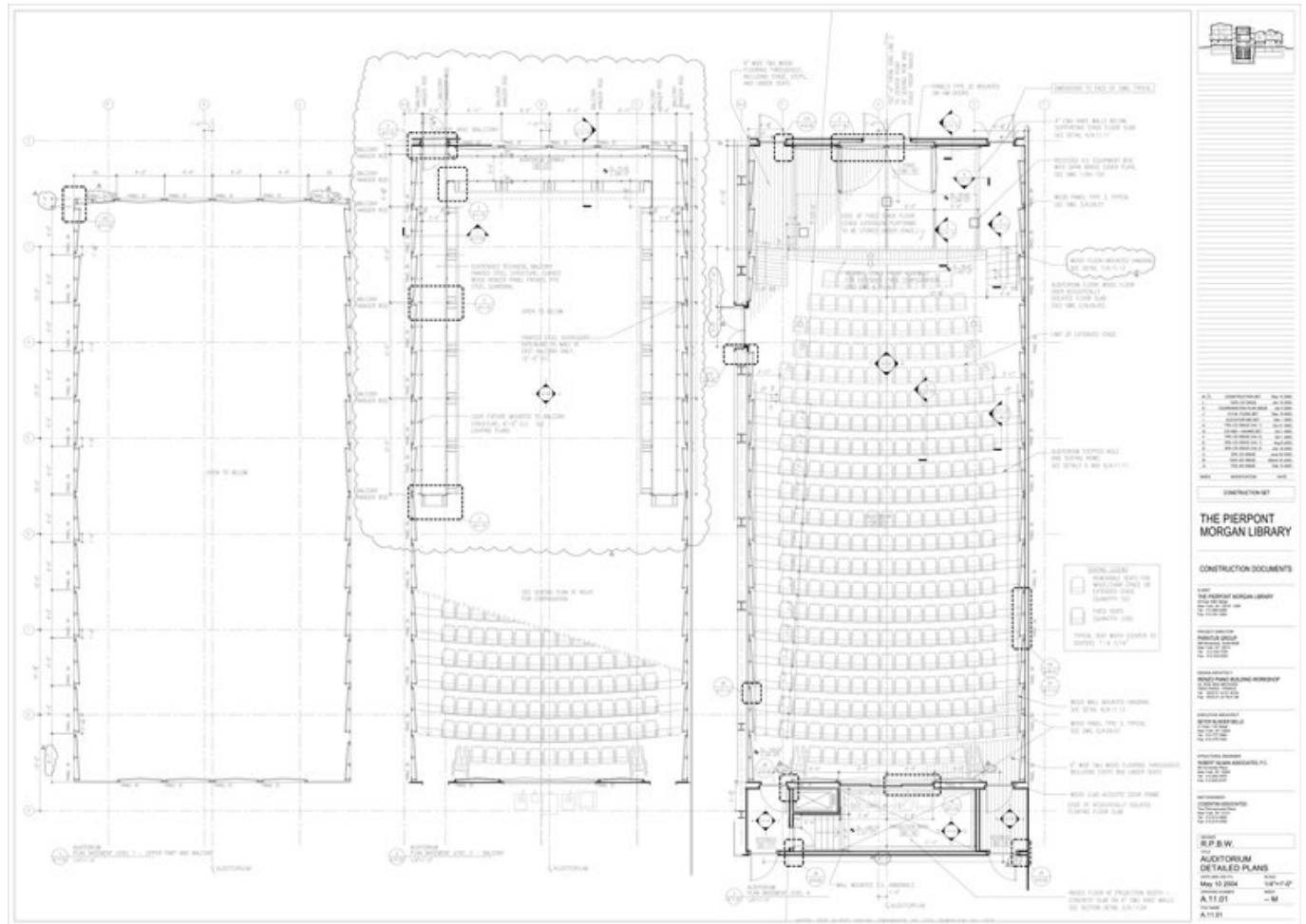
Title	Facade system typology
Scale	3"=1'-0"
Date	2004/05/10
Drawing number	A.07.008
Drawing code	MOR_DW_125
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



Title	Skylight Type 1 - Reading Room
Scale	3"=1'-0"
Date	2004/05/10
Drawing number	A.07.021
Drawing code	MOR_DW_129
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



Title	Details @ piazza - Glass wall
Scale	3"=1'-0"
Date	2004/05/10
Drawing number	A.07.203
Drawing code	MOR_DW_165
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



Title Auditorium detailed plans

Scale 1/4"=1'-0"

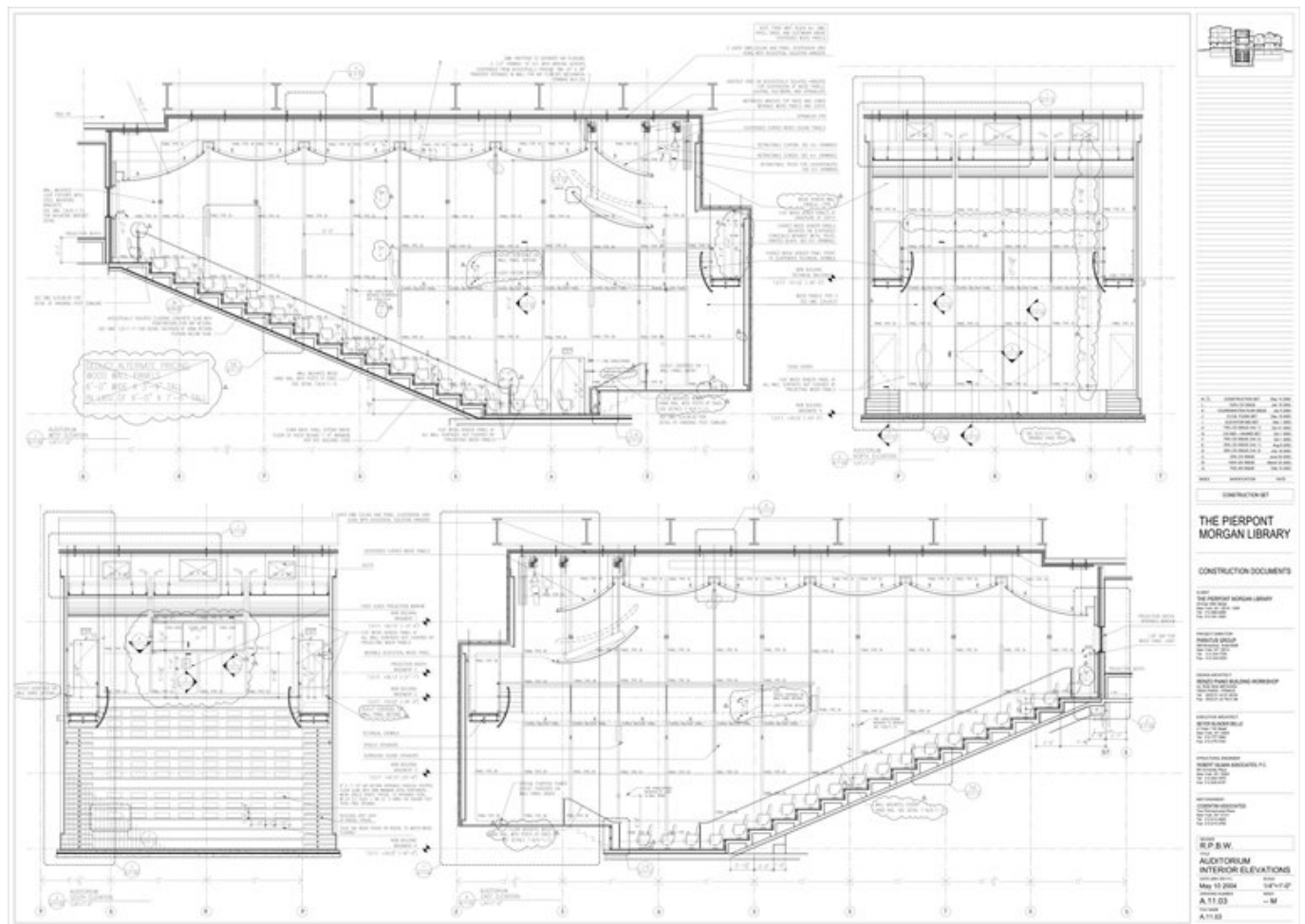
Date 2004/05/10

Drawing number A.11.01

Drawing code MOR_DW_260

Author Renzo Piano Building Workshop

Copyright Renzo Piano Building Workshop



Title Auditorium interior elevations

Scale 1/4"=1'-0"

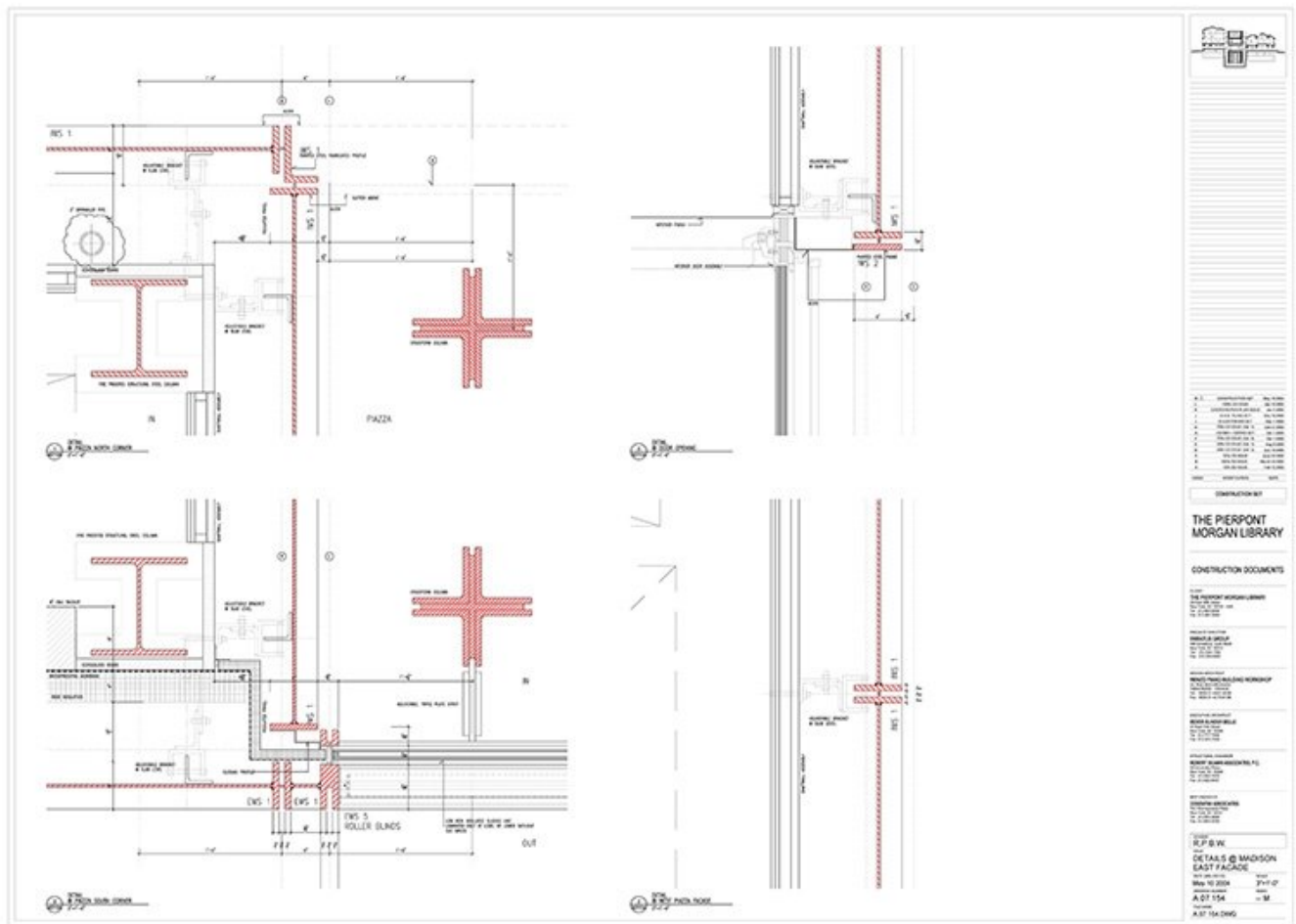
Date 2004/05/10

Drawing number A.11.03

Drawing code MOR_DW_262

Author Renzo Piano Building Workshop

Copyright Renzo Piano Building Workshop



Title	Details @ Madison - East Facade (level 2/3)
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Scale	3"=1'-0"
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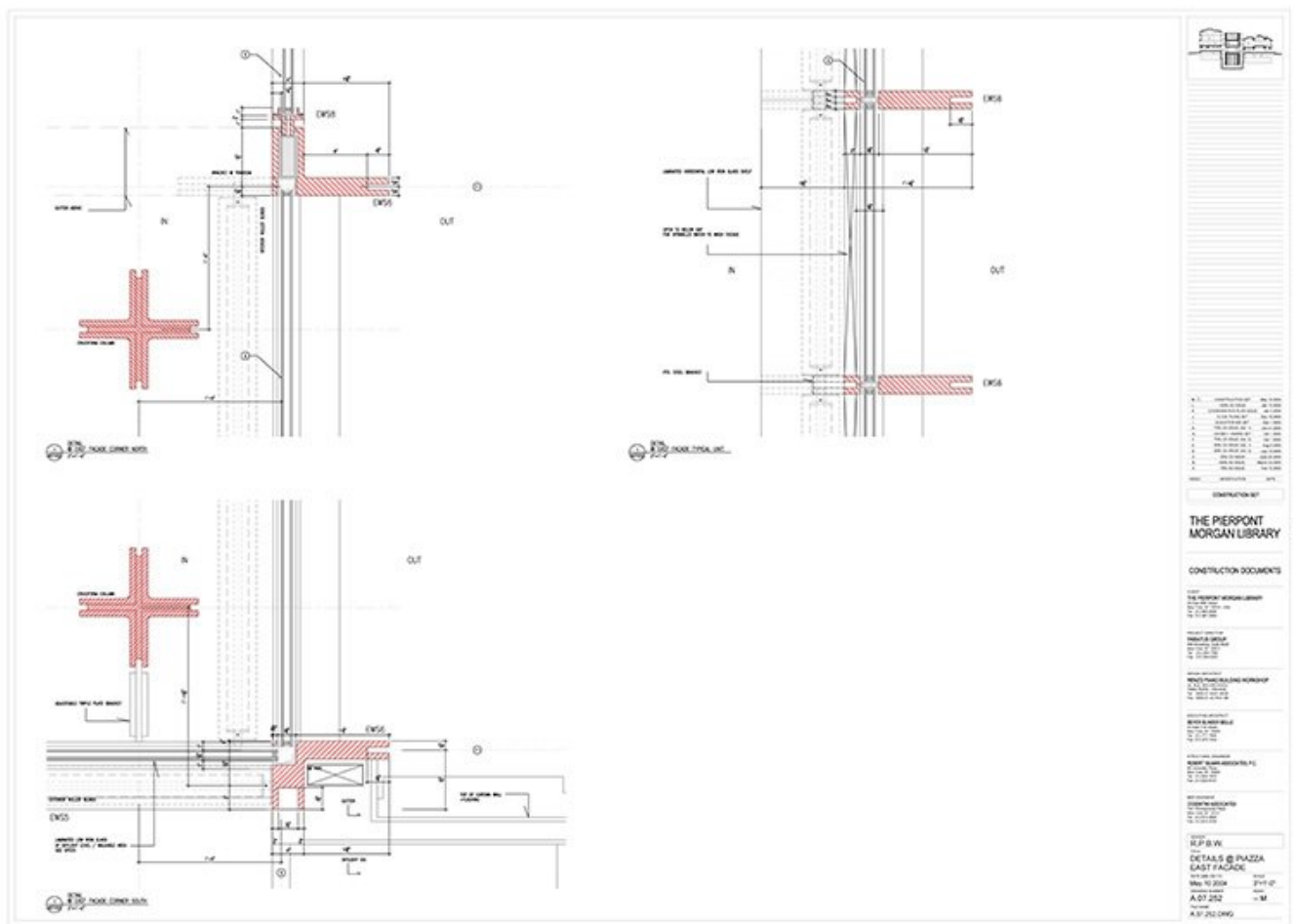
Date	2004/05/10
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Drawing number	A.07.154
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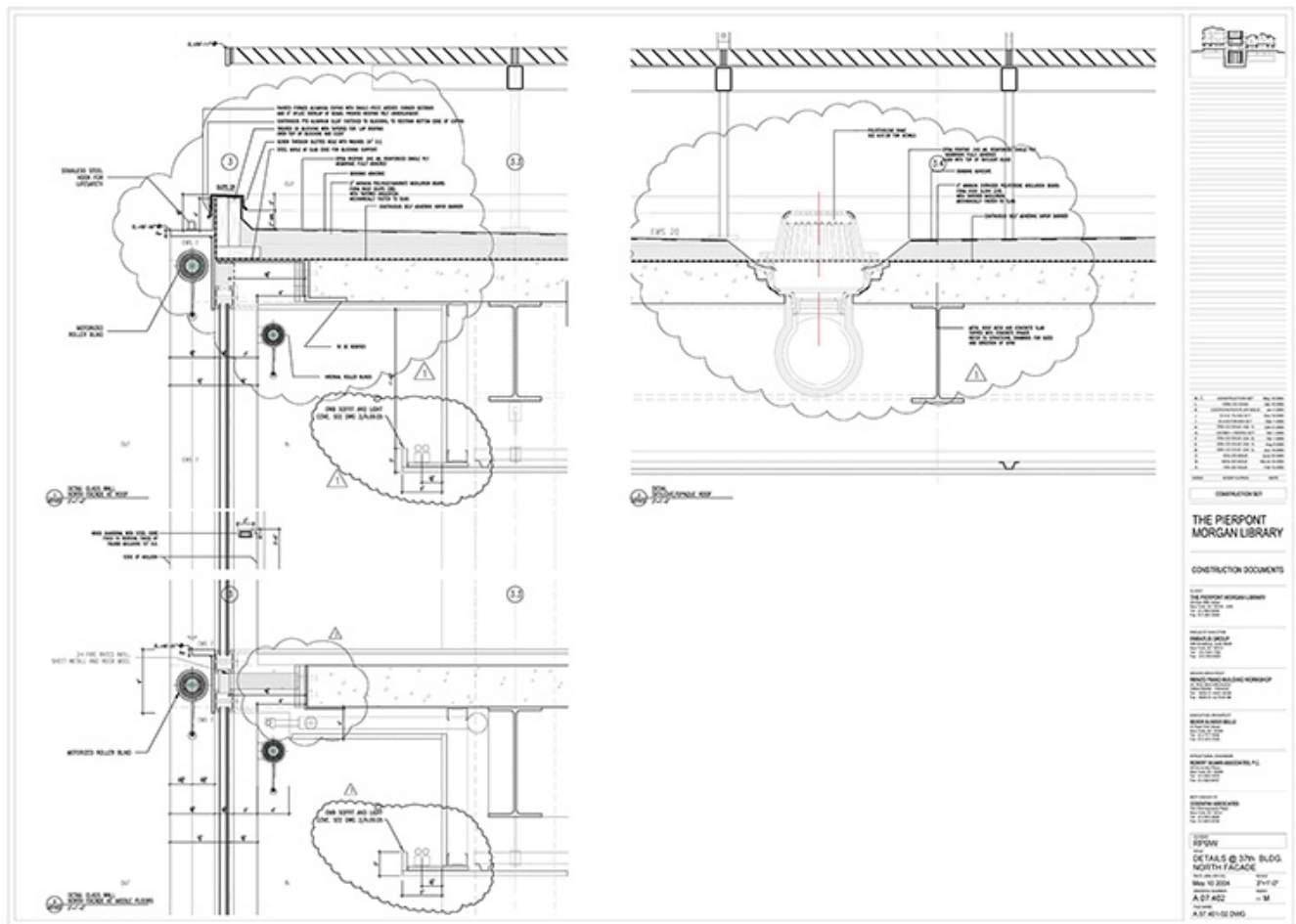
Drawing code	MOR_DW_161
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Author	Renzo Piano Building Workshop
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Copyright	Renzo Piano Building Workshop
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Title	Details @ Piazza - East Facade (level 2)
Scale	3"=1'-0"
Date	2004/05/10
Drawing number	A.07.252
Drawing code	MOR_DW_169
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



Title	Details @ 37th Building - North Facade
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Scale	3"=1'-0"
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Date	2004/05/10
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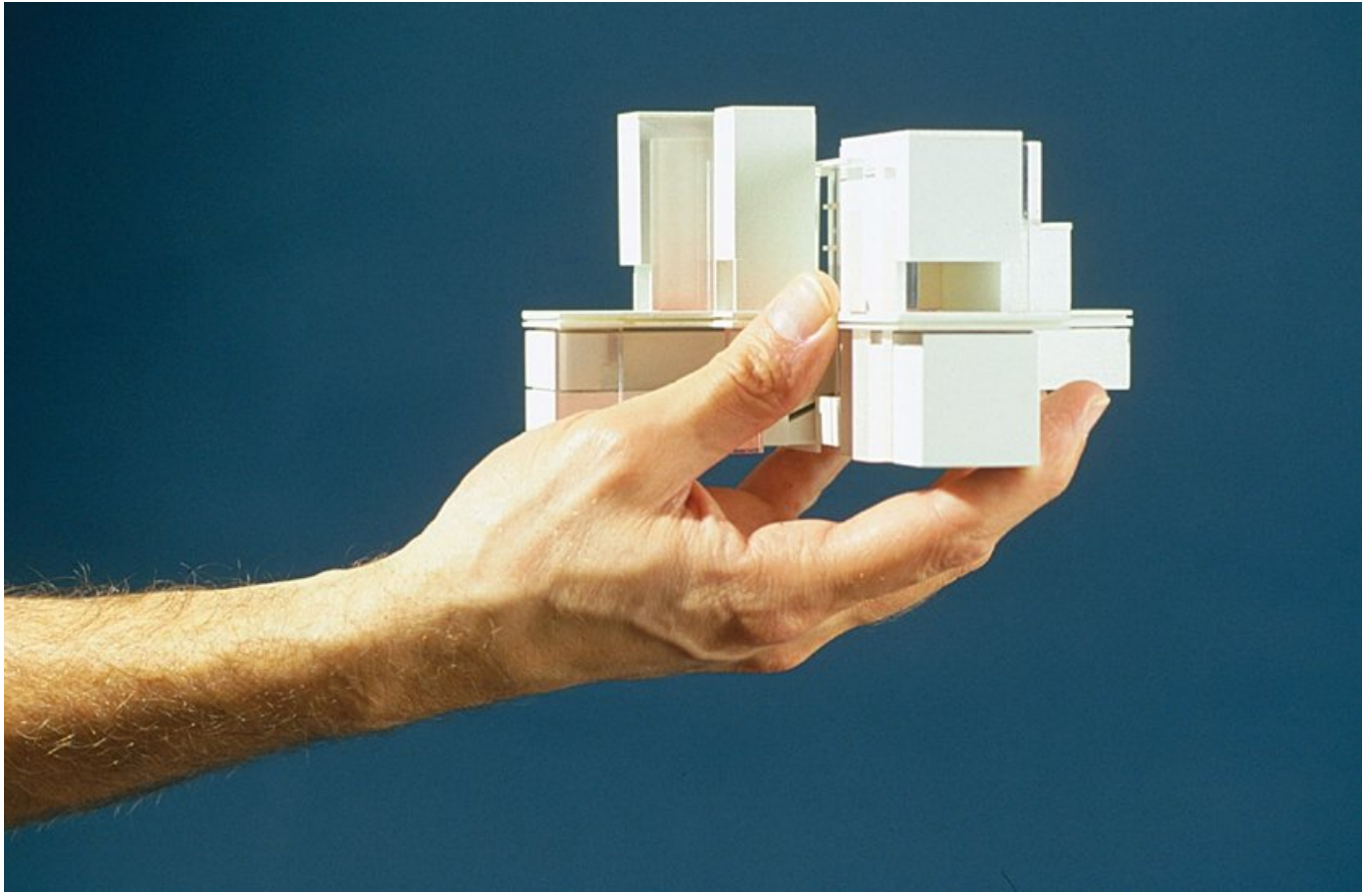
Drawing number	A.07.402
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Drawing code	MOR_DW_178
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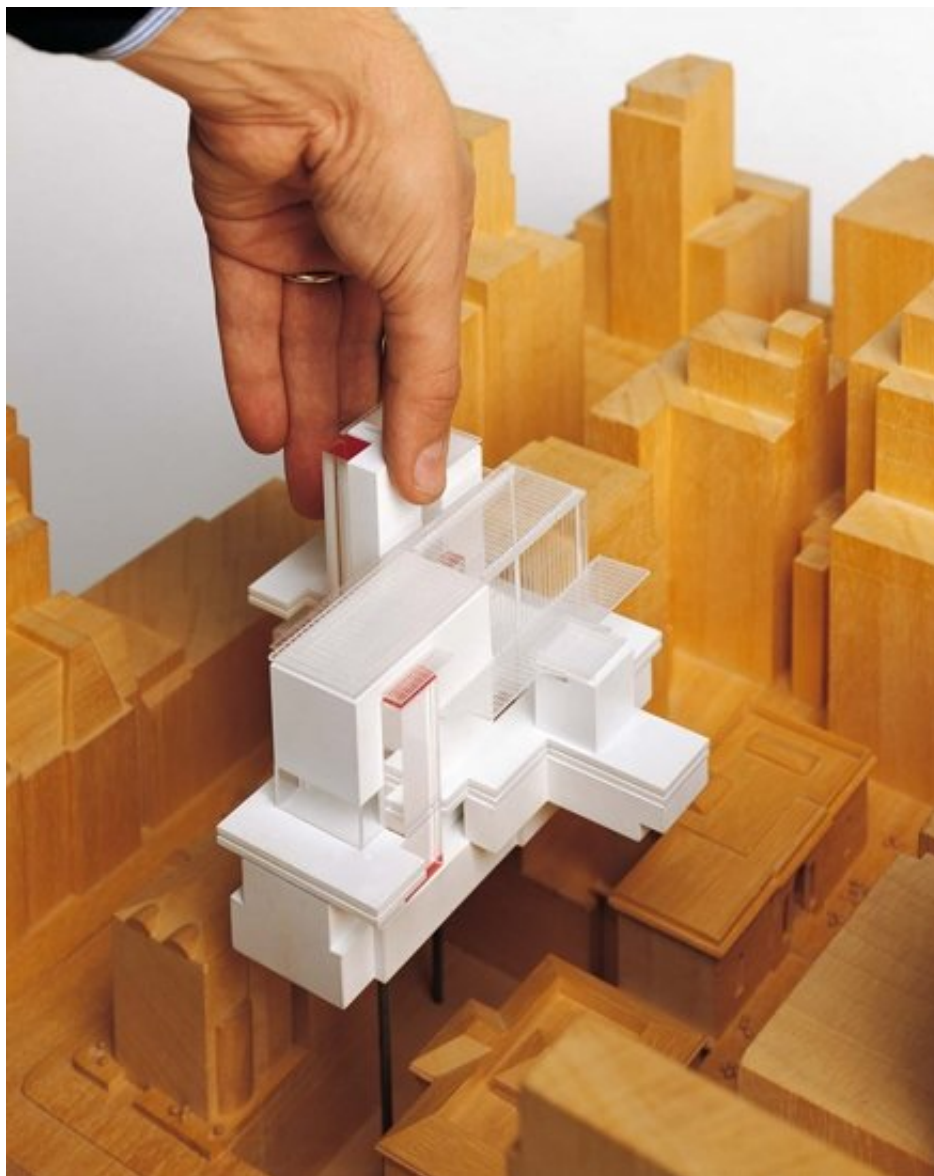
Author	Renzo Piano Building Workshop
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Copyright	Renzo Piano Building Workshop
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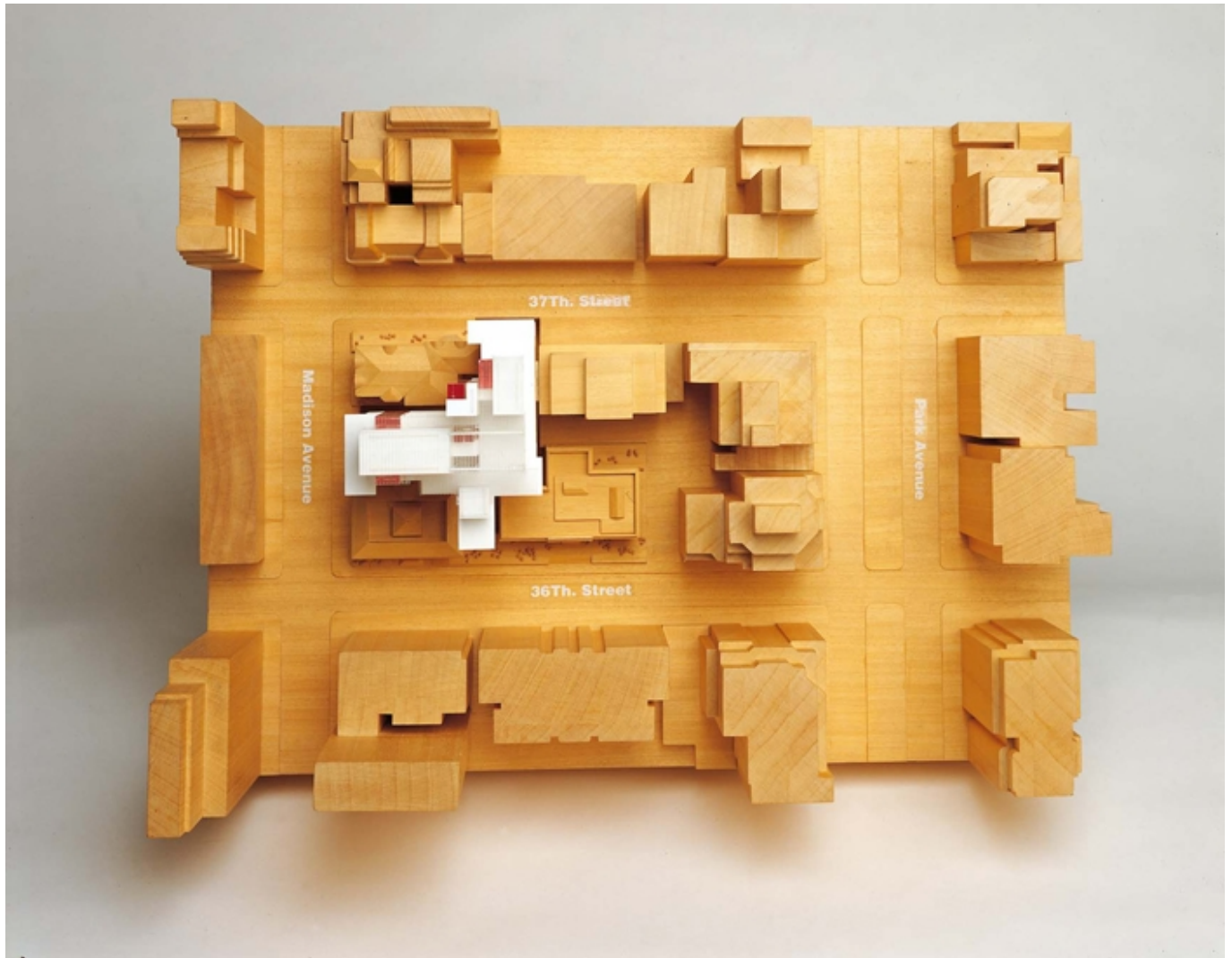
Modelli



Title	General building model
Date	2001-10-01
Model Code	MOR_MD_010a_T
Scale	1/32"=1'-0"
Model Author	RPBW - Renzo Piano Building Workshop Architects



Title	General building model with context
Date	2001-10-01
Model Code	MOR_154
Scale	1/32"=1'-0"
Model Author	RPBW - Renzo Piano Building Workshop Architects



Title	General building model with context
Date	2001-10-01
Model Code	MOR_156
Scale	1/32"=1'-0"
Model Author	RPBW - Renzo Piano Building Workshop Architects



Title	General building model with context
Date	2001-10-01
Model Code	MOR_157
Scale	1/32"=1'-0"
Model Author	RPBW - Renzo Piano Building Workshop Architects



Title	General building model with site
Date	2002-11-01
Model Code	MOR_MD_018_F2
Scale	N/A
Model Author	RPBW - Renzo Piano Building Workshop Architects



Title	General building model with site
Date	2002-11-01
Model Code	MOR_MD_018_F1
Scale	N/A
Model Author	RPBW - Renzo Piano Building Workshop Architects



Title	General building model with site
Date	2002-11-01
Model Code	MOR_MD_018_D1
Scale	N/A
Model Author	RPBW - Renzo Piano Building Workshop Architects



Title	General building model with site
Date	2002-11-01
Model Code	MOR_MD_018_D
Scale	N/A
Model Author	RPBW - Renzo Piano Building Workshop Architects



Title	General building model with site
Date	2002-11-01
Model Code	MOR_MD_018_F3
Scale	N/A
Model Author	RPBW - Renzo Piano Building Workshop Architects



Title	Madison avenue building model
Date	2001-11-01
Model Code	MOR_MD_020_F1
Scale	3/16"=1'-0"
Model Author	RPBW - Renzo Piano Building Workshop Architects



Title	Madison avenue building model
Date	2001-11-01
Model Code	MOR_MD_020_F2
Scale	3/16"=1'-0"
Model Author	RPBW - Renzo Piano Building Workshop Architects



Title	Project building connection with McKim building
Date	2003-09-01
Model Code	MOR_098
Scale	3/8"=1'-0"
Model Author	RPBW - Renzo Piano Building Workshop Architects

