

Astrup Fearnley Museum of Modern Art



Tjuvholmen is a new cultural quarter located to the south-west of Oslo's city centre. Integrating art and leisure, the complex combines the Astrup Fearnley Museum and an office building, with a new public sculpture park, swimming beach and waterside promenad. One of the most significant elements of this project is the huge glass roof that soars over the complex, linking the buildings together.

Dati Progetto

Design	2006-2009
Construction	2009-2012
Site Area	13.737 m2
Total floor area	15.600 m2 Museum of Modern Art: 8.700 m2 Offices: 6.900 m2
Height	25 m
Floors	5 + 2 basements
Park	6.400 m2
Promenade	800 m

Credits

Client	Selvaag Gruppen / Aspelin Ramm Gruppen
Architect	Renzo Piano Building Workshop in collaboration with Narud-Stokke-Wiig (Oslo)
Consultants	AAS-Jacobsen, Seim & Hultgren (structure); Norconsult (mechanical engineering & fire prevention); PeR Rasmussen AS (electrical engineering); Gullik Gulliksen, Bjørbekk & Lindheim (landscape); Arup (lighting & façade engineering); Eliassen og Lambertz-Nilssen Arkitekter AS (consulting architects for Schematic Design); Skandinaviska Glassystem (design assist contractor for roof system)

Immagini



Subject	Mock up skylight
Date	2010-04-01
Image Code	OSL_576
Author	
Copyright	Renzo Piano Building Workshop



Subject	Mock up skylight
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Date	2010-04-01
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Image Code	OSL_577
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Author	
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Subject	Roof detail and the park
Date	2012-08-01
Image Code	OSL_309
Author	Lehoux, Nic
Copyright	Renzo Piano Building Workshop



Subject	The museum building as seen from the Oslo Fjord
Date	2012-08-01
Image Code	OSL_329
Author	Lehoux, Nic
Copyright	Renzo Piano Building Workshop



Subject	View of the temporary exhibition gallery
Date	2012-08-01
Image Code	OSL_335
Author	Lehoux, Nic
Copyright	Renzo Piano Building Workshop



Subject	View of the west side with beach
Date	2012-08-01
Image Code	OSL_336
Author	Lehoux, Nic
Copyright	Renzo Piano Building Workshop



Subject	Wood facade detail
Date	2012-08-01
Image Code	OSL_343
Author	Lehoux, Nic
Copyright	Renzo Piano Building Workshop



Subject	Aerial view of the museum and the city
Date	2012-08-01
Image Code	OSL_346
Author	Lehoux, Nic
Copyright	Renzo Piano Building Workshop



Subject	West view between buildings and along the canal
Date	2012-08-01
Image Code	OSL_363
Author	Lehoux, Nic
Copyright	Renzo Piano Building Workshop



Subject	View of the beach
Date	2012-08-01
Image Code	OSL_379
Author	Lehoux, Nic
Copyright	Renzo Piano Building Workshop



Subject	View of the complex from the east
Date	2012-08-01
Image Code	OSL_393
Author	Lehoux, Nic
Copyright	Renzo Piano Building Workshop



Subject	View of the external access from the museum for temporary exhibitions
Date	2012-08-01
Image Code	OSL_396
Author	Lehoux, Nic
Copyright	Renzo Piano Building Workshop



Subject	Park and building
Date	2012-08-01
Image Code	OSL_397
Author	Lehoux, Nic
Copyright	Renzo Piano Building Workshop



Subject	View of the canal from West
Date	2012-09-01
Image Code	OSL_412
Author	Lehoux, Nic
Copyright	Renzo Piano Building Workshop



Subject	View of the canal
Date	2012-09-01
Image Code	OSL_436
Author	Lehoux, Nic
Copyright	Renzo Piano Building Workshop



Subject	View of the complex from East
Date	2012-09-01
Image Code	OSL_441
Author	Lehoux, Nic
Copyright	Renzo Piano Building Workshop



Subject	Detail of the roof
Date	2012-09-01
Image Code	OSL_454
Author	Lehoux, Nic
Copyright	Renzo Piano Building Workshop



Subject	Interior view of Astrup Fearnley Museet
Date	2012-09-01
Image Code	OSL_462
Author	Lehoux, Nic
Copyright	Renzo Piano Building Workshop

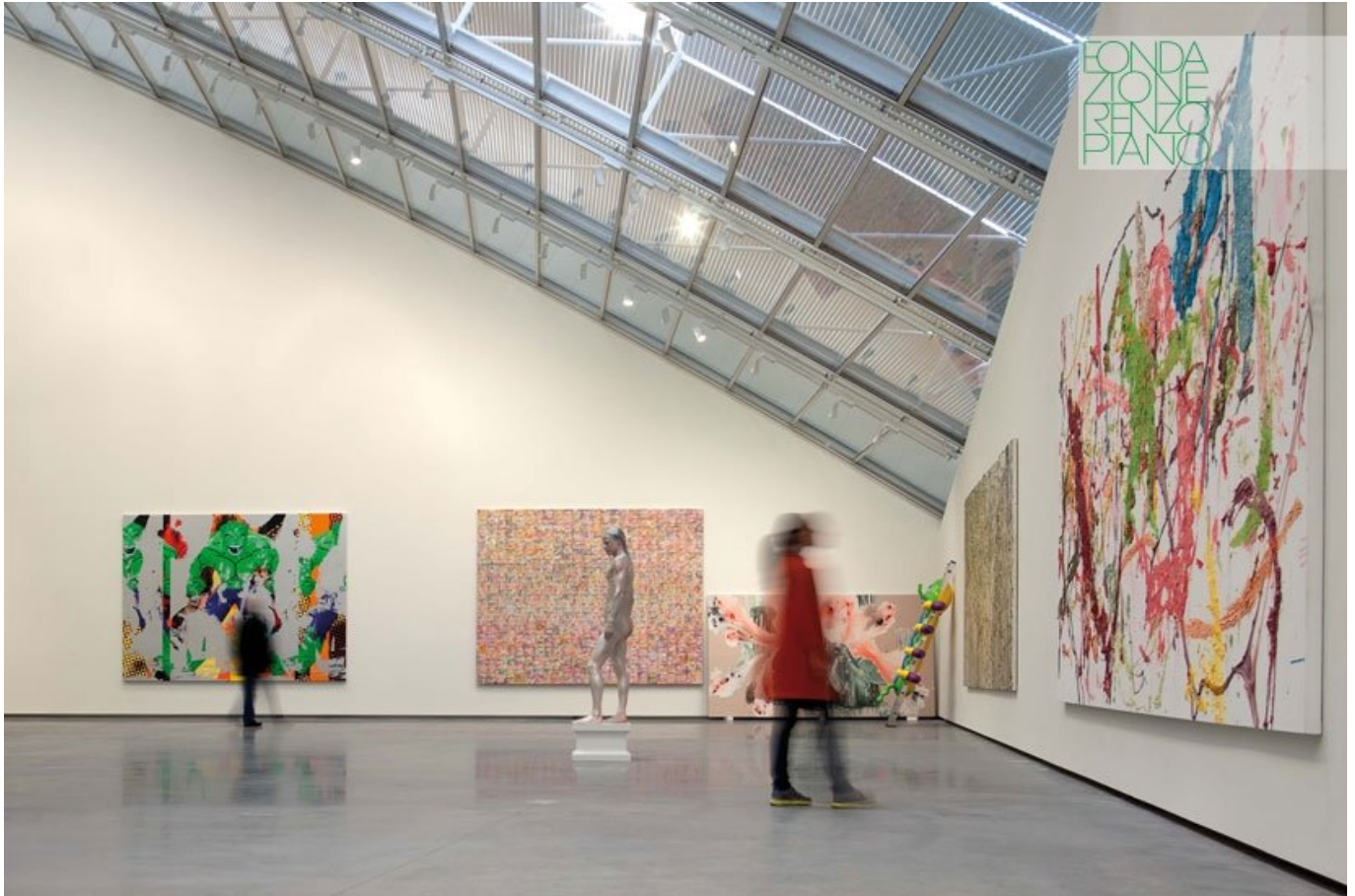


Subject	Interior view of Astrup Fearnley Museet
Date	2012-09-01
Image Code	OSL_489
Author	Lehoux, Nic
Copyright	Renzo Piano Building Workshop



FONDAZIONE
RENZO
PIANO

Subject	Interior view of Astrup Fearnley Museet
Date	2012-09-01
Image Code	OSL_495
Author	Lehoux, Nic
Copyright	Renzo Piano Building Workshop



Subject	Interior view of Astrup Fearnley Museet
Date	2012-09-01
Image Code	OSL_497
Author	Lehoux, Nic
Copyright	Renzo Piano Building Workshop



Subject	Interior view of Astrup Fearnley Museet
Date	2012-09-01
Image Code	OSL_499
Author	Lehoux, Nic
Copyright	Renzo Piano Building Workshop



Subject	Interior view of atrium
Date	2012-09-01
Image Code	OSL_511
Author	Lehoux, Nic
Copyright	Renzo Piano Building Workshop



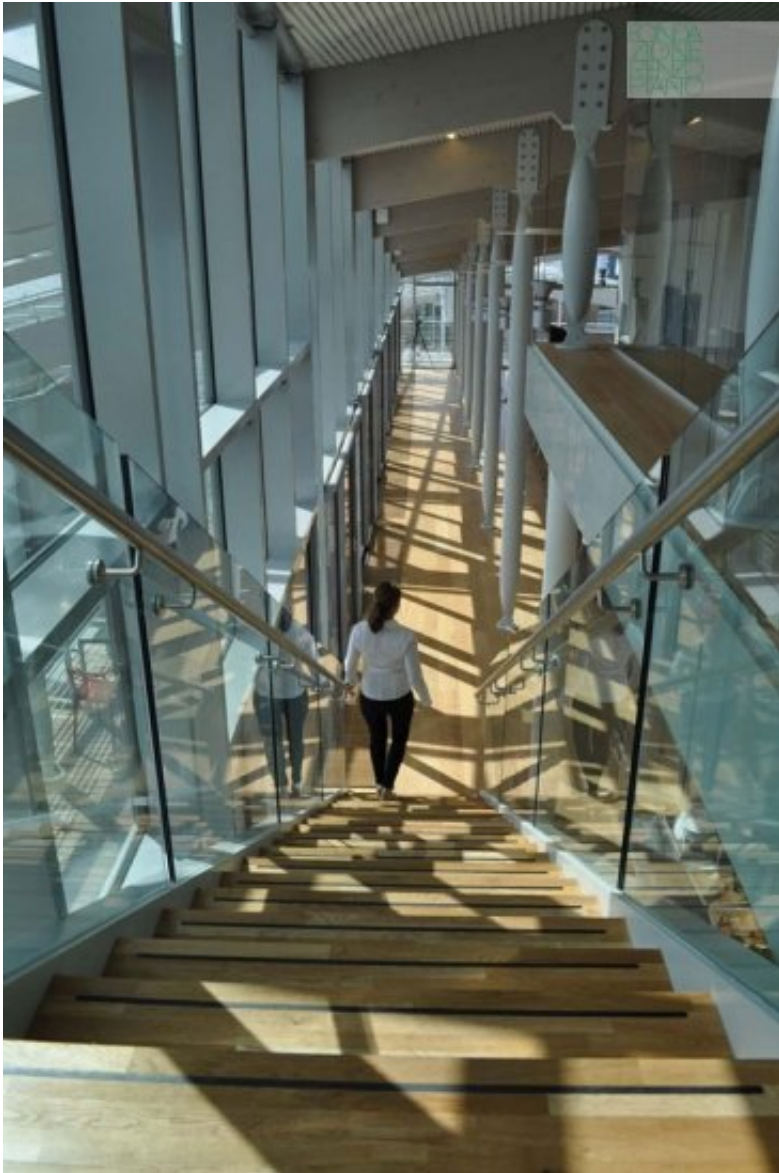
Subject	Interior view of canteen area
Date	2012-01-01
Image Code	OSL_618
Author	de Nooyer, Olaf
Copyright	Renzo Piano Building Workshop



Subject	Internal view of Atrium
Date	2013-05-14
Image Code	OSL_626
Author	Sovani, Caterina
Copyright	Renzo Piano Building Workshop



Subject	View of terrace
Date	2013-05-14
Image Code	OSL_637
Author	Sovani, Caterina
Copyright	Renzo Piano Building Workshop



Subject	Interior view
Date	2013-05-14
Image Code	OSL_639
Author	Sovani, Caterina
Copyright	Renzo Piano Building Workshop



Subject	View of a terrace
Date	2013-05-14
Image Code	OSL_643
Author	Sovani, Caterina
Copyright	Renzo Piano Building Workshop

Disegni

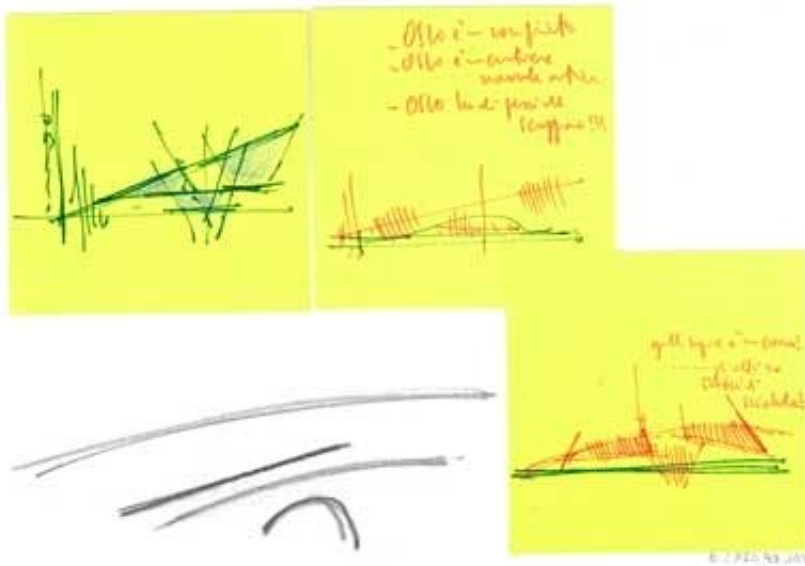
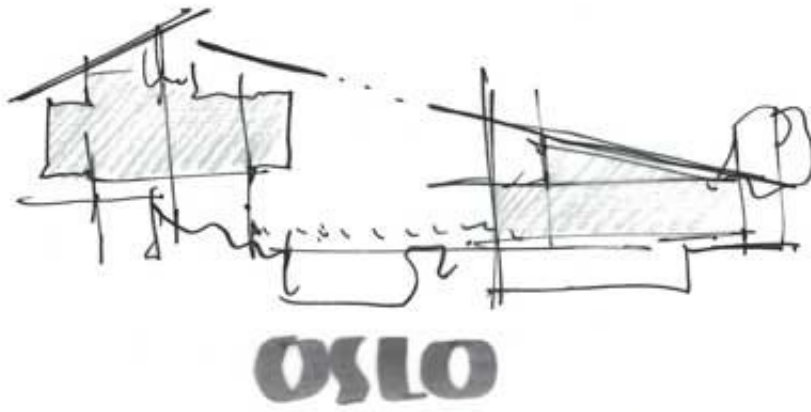


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Size	A4
Date	-
Drawing number	-

Drawing code	Osl-rp_072
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Author	Renzo Piano
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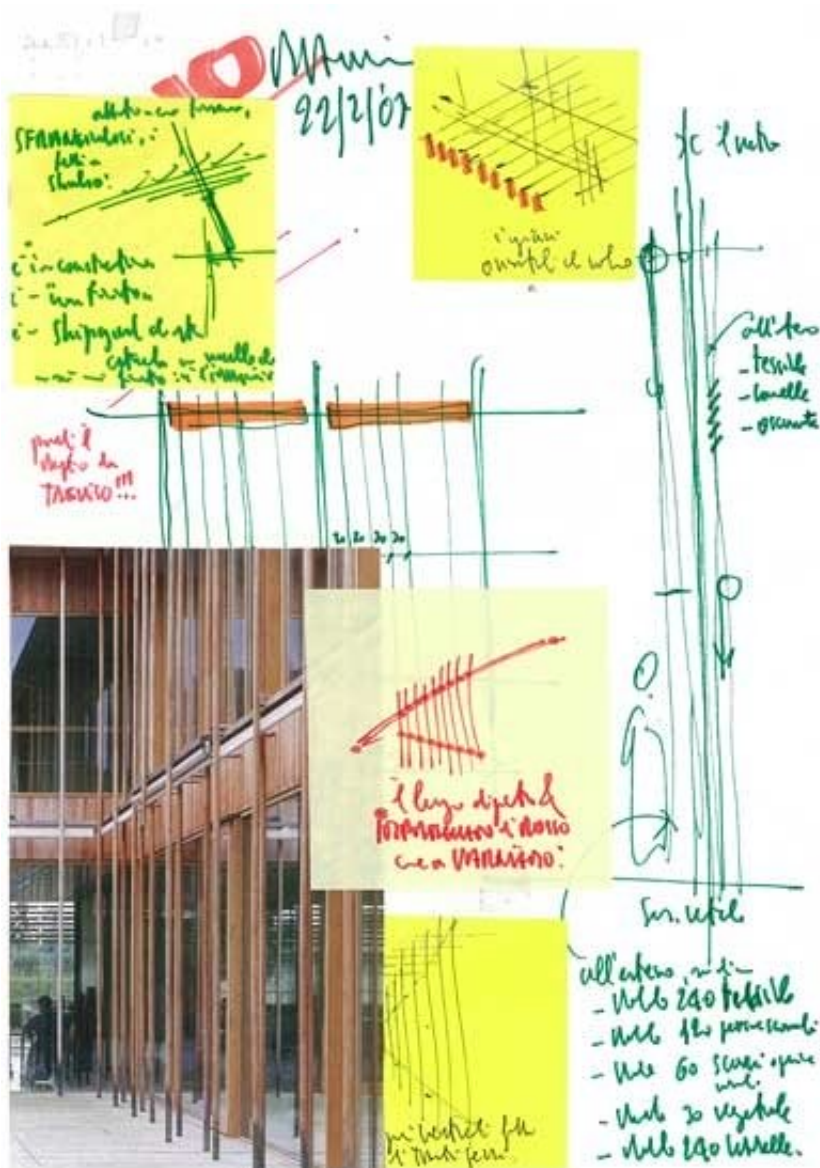
Copyright	Renzo Piano
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Title	Oslo
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Size	A4
Date	-
Drawing number	-
Drawing code	Osl-rp_079

Author	Renzo Piano
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Title

Legno

(Wood)

Scale

-

Size

A4

Date

2007/02/22

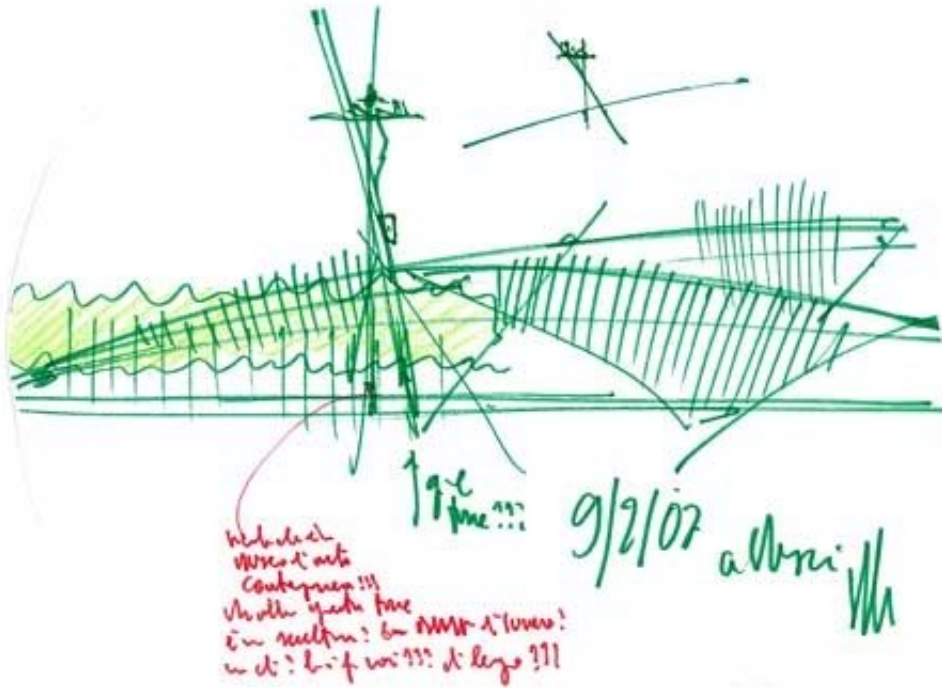
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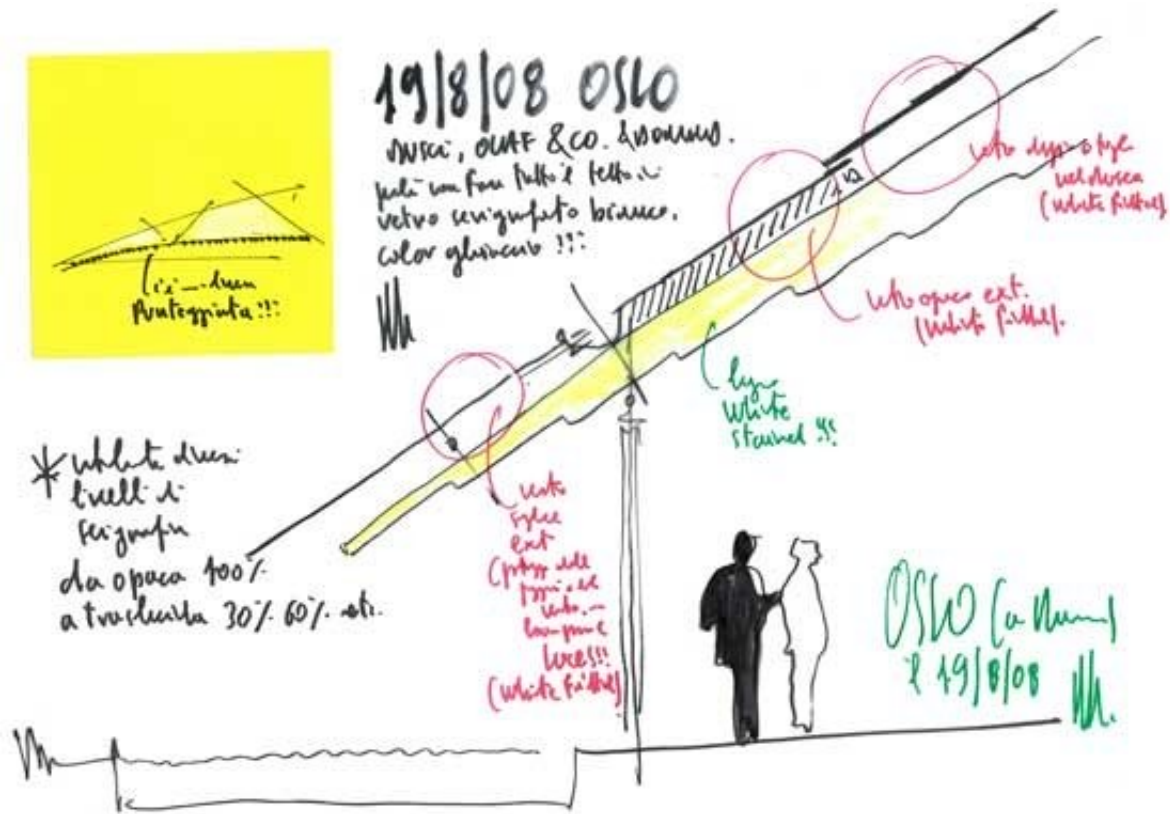
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Author	Renzo Piano
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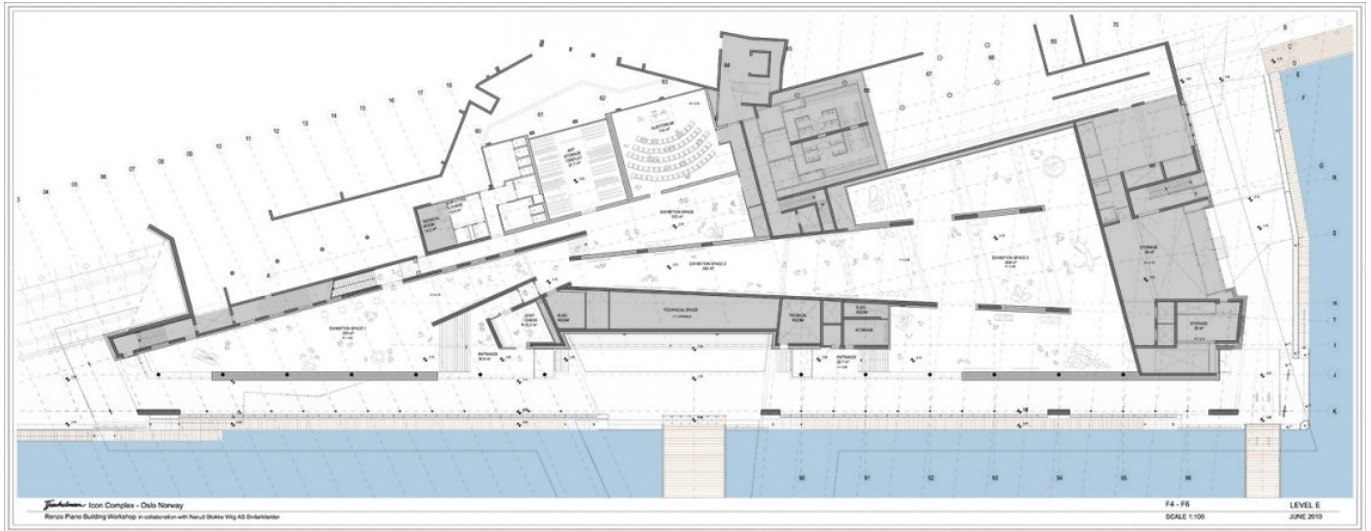
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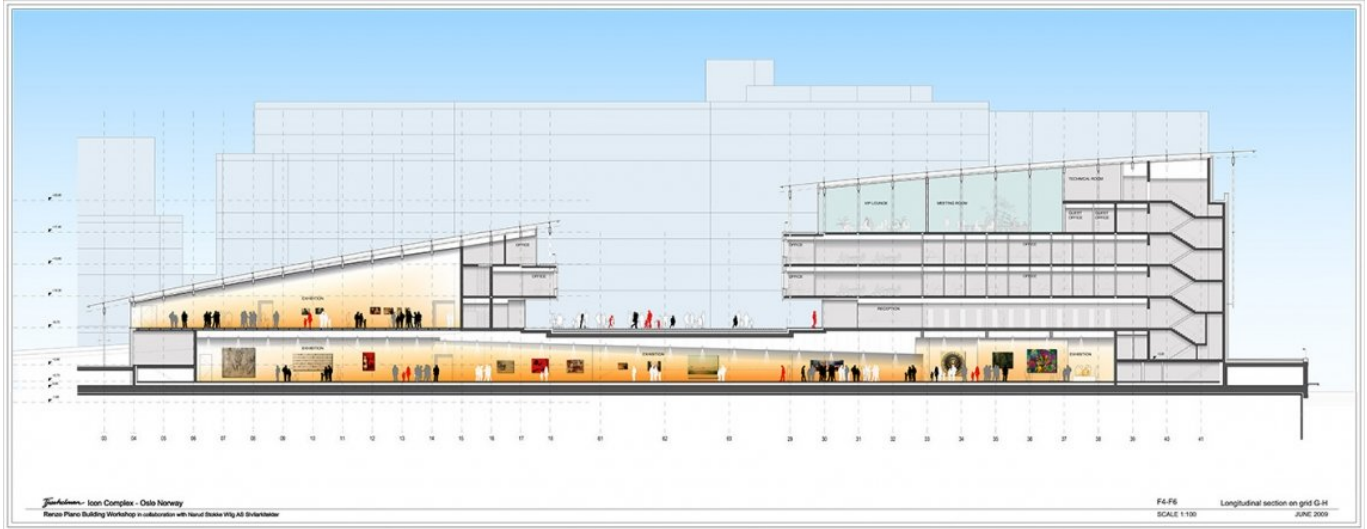
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Size	A4
Date	2007/02/09
Drawing number	-
Drawing code	Osl-rp_019
Author	Renzo Piano
Copyright	Renzo Piano



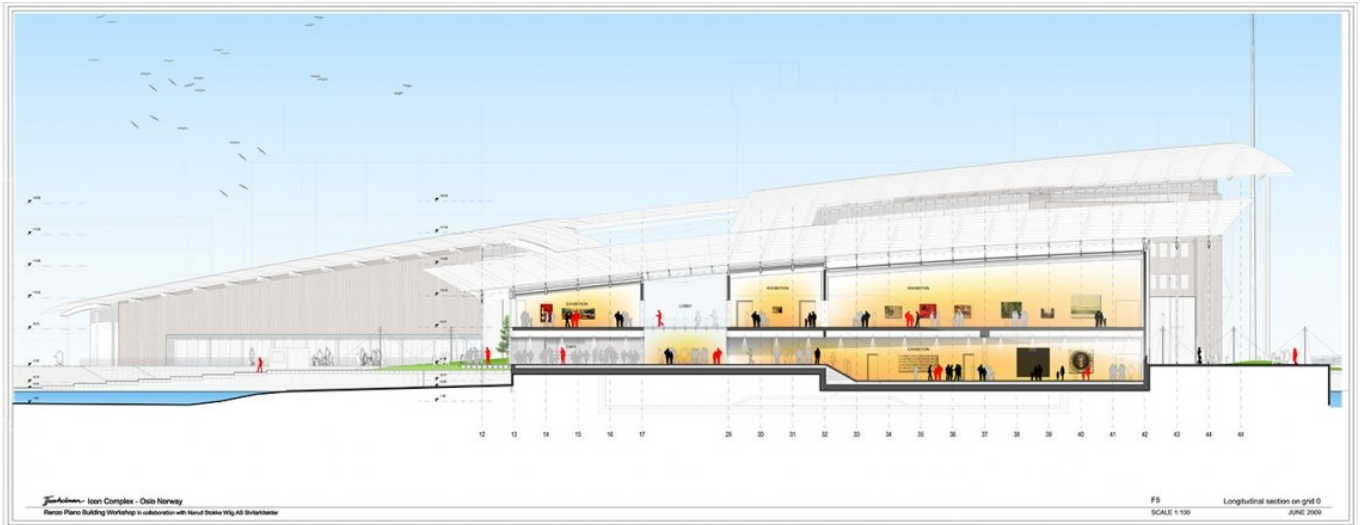
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Author	Renzo Piano
Copyright	Renzo Piano Building Workshop



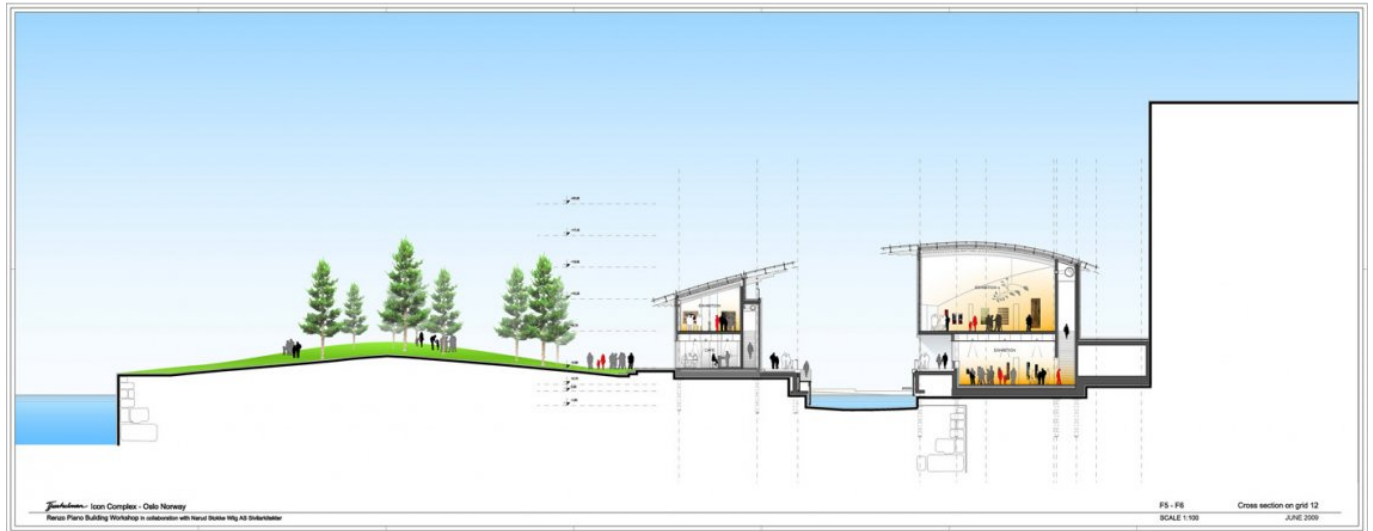
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Scale	1:100
Size	Custom: 1520 x 594 mm
Date	2010/06/01
Drawing number	N/A
Drawing code	OSL_DW_002
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



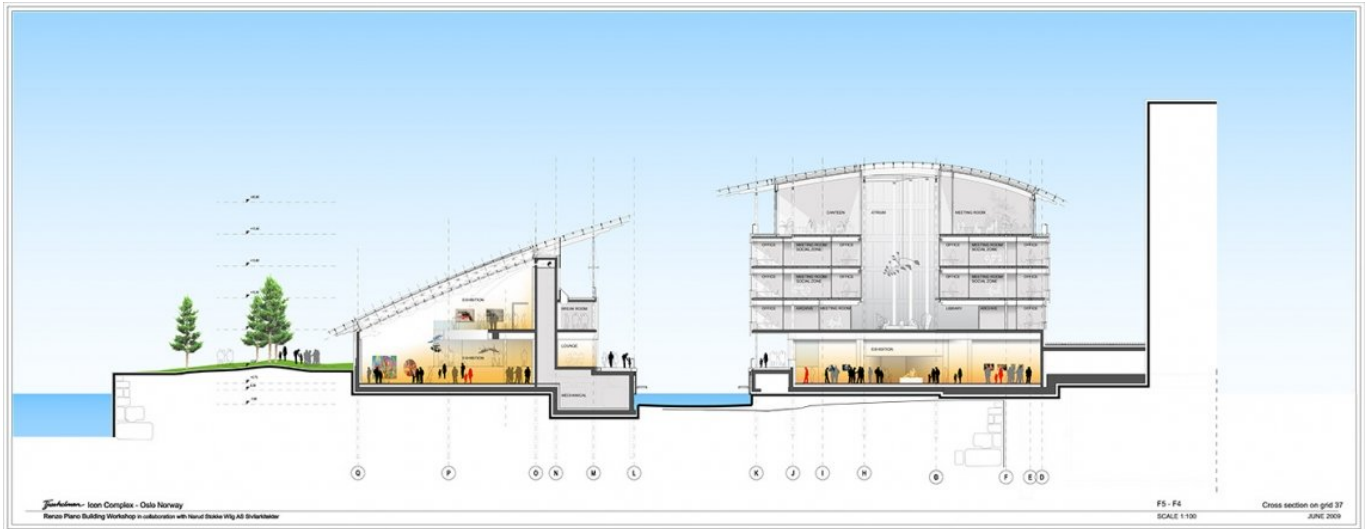
Title	F4 - F6 - Grid G-H-4
Scale	1:100
Size	Custom: 1520 x 594 mm
Date	2009/06/01
Drawing number	N/A
Drawing code	OSL_DW_003
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



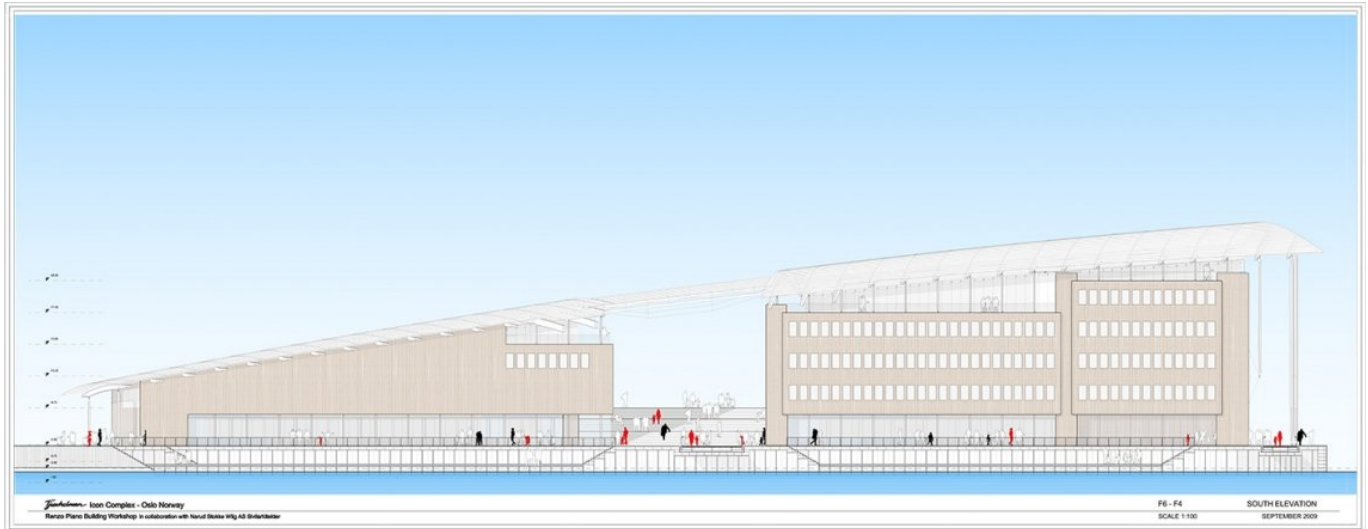
Title	Longitudinal section on grid O
Scale	1:100
Size	Custom: 1520 x 594 mm
Date	2009/06/01
Drawing number	N/A
Drawing code	OSL_DW_004
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



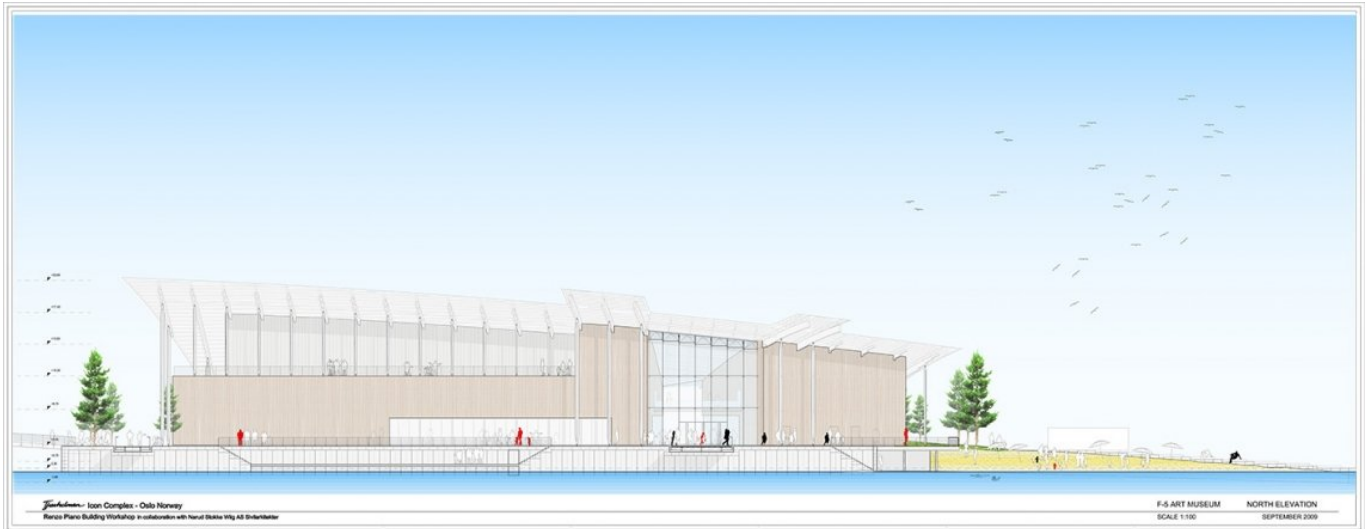
Title	Cross section on grid 12
Scale	1:100
Size	Custom: 1520 x 594 mm
Date	2009/06/01
Drawing number	N/A
Drawing code	OSL_DW_010
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



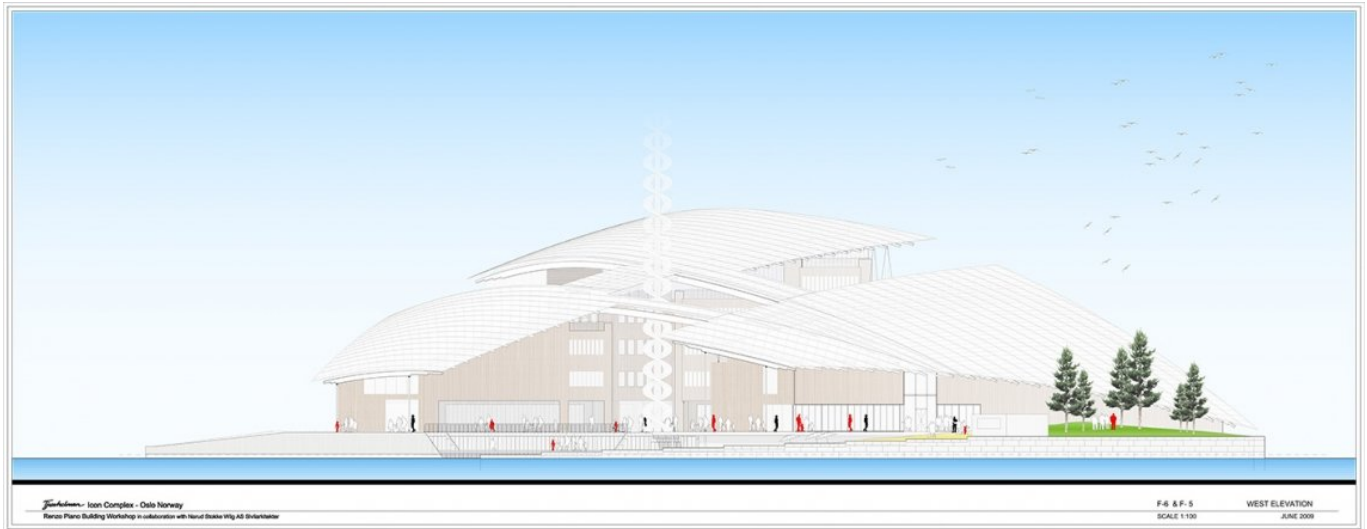
Title	Cross section on grid 37
Scale	1:100
Size	Custom: 1520 x 594 mm
Date	2009/06/01
Drawing number	N/A
Drawing code	OSL_DW_005
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



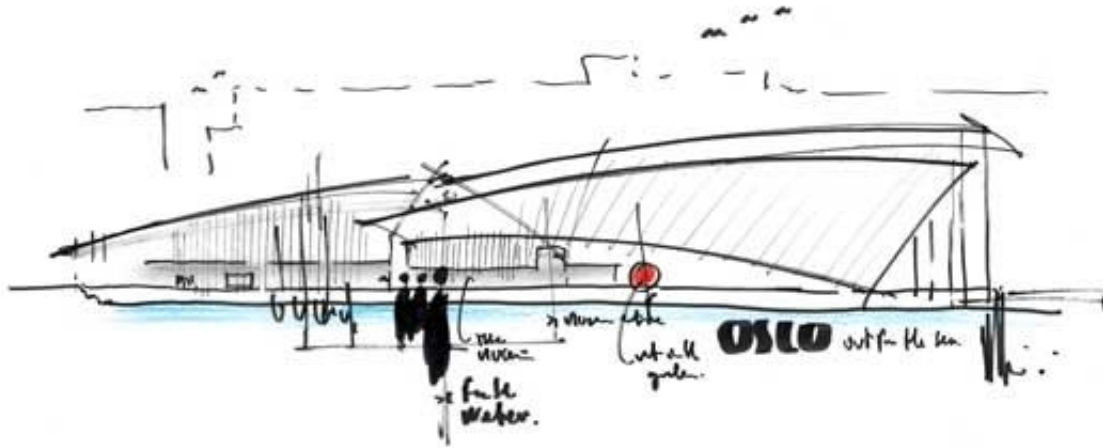
Title	South Elevation
Scale	1:100
Size	Custom: 1520 x 594 mm
Date	2009/09/01
Drawing number	N/A
Drawing code	OSL_DW_006
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



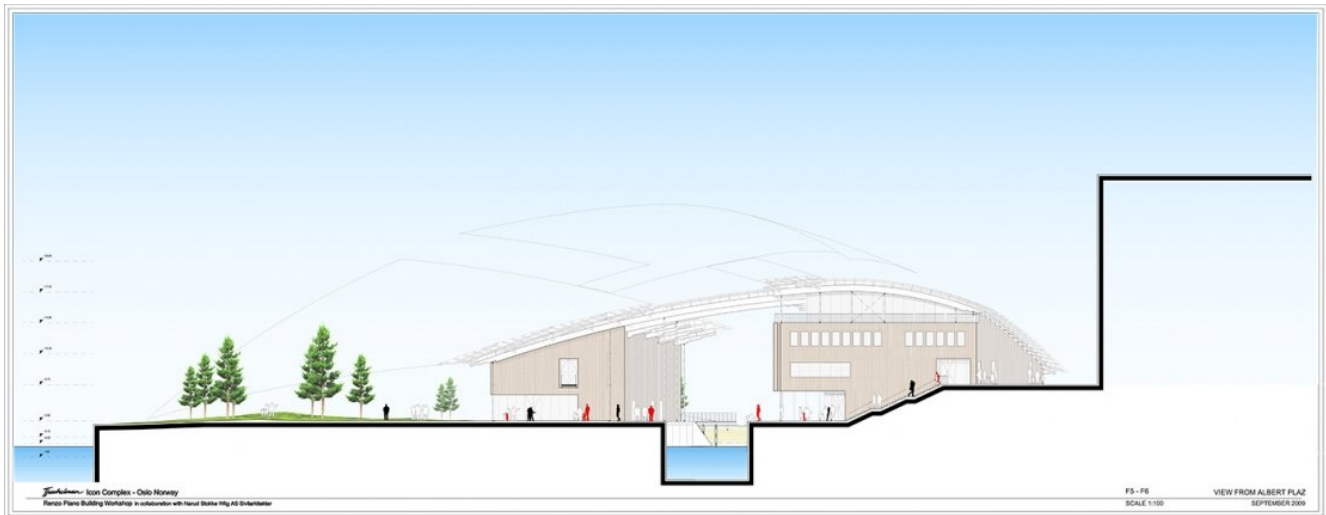
Title	North Elevation
Scale	1:100
Size	Custom: 1520 x 594 mm
Date	2009/09/01
Drawing number	N/A
Drawing code	OSL_DW_007
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



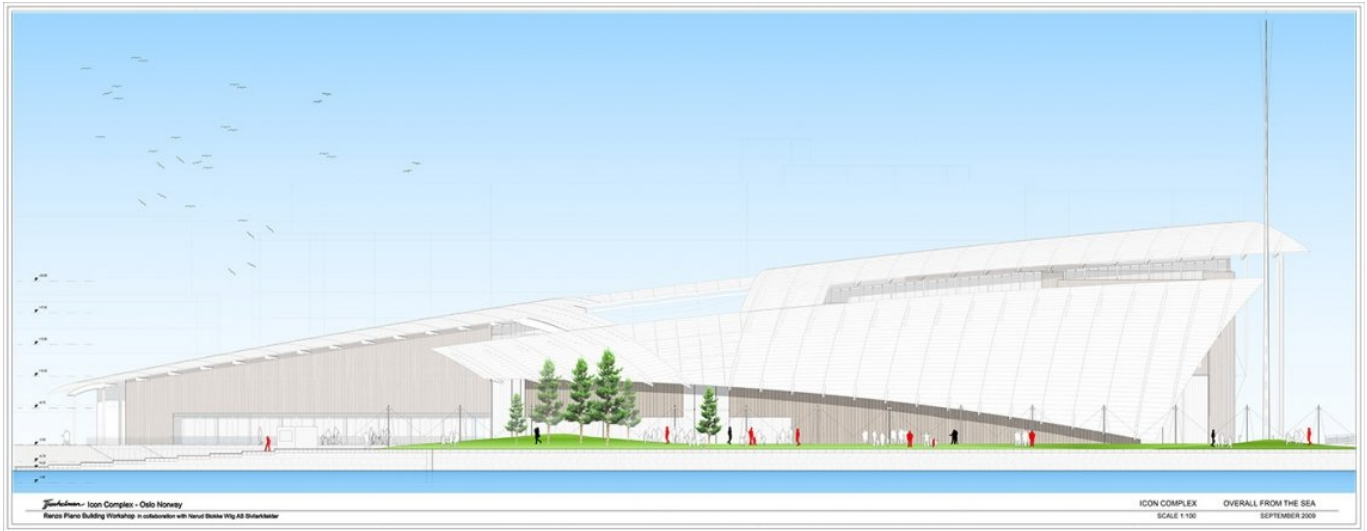
Title	West Elevation
Scale	1:100
Size	Custom: 1520 x 594 mm
Date	2009/06/01
Drawing number	N/A
Drawing code	OSL_DW_008
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



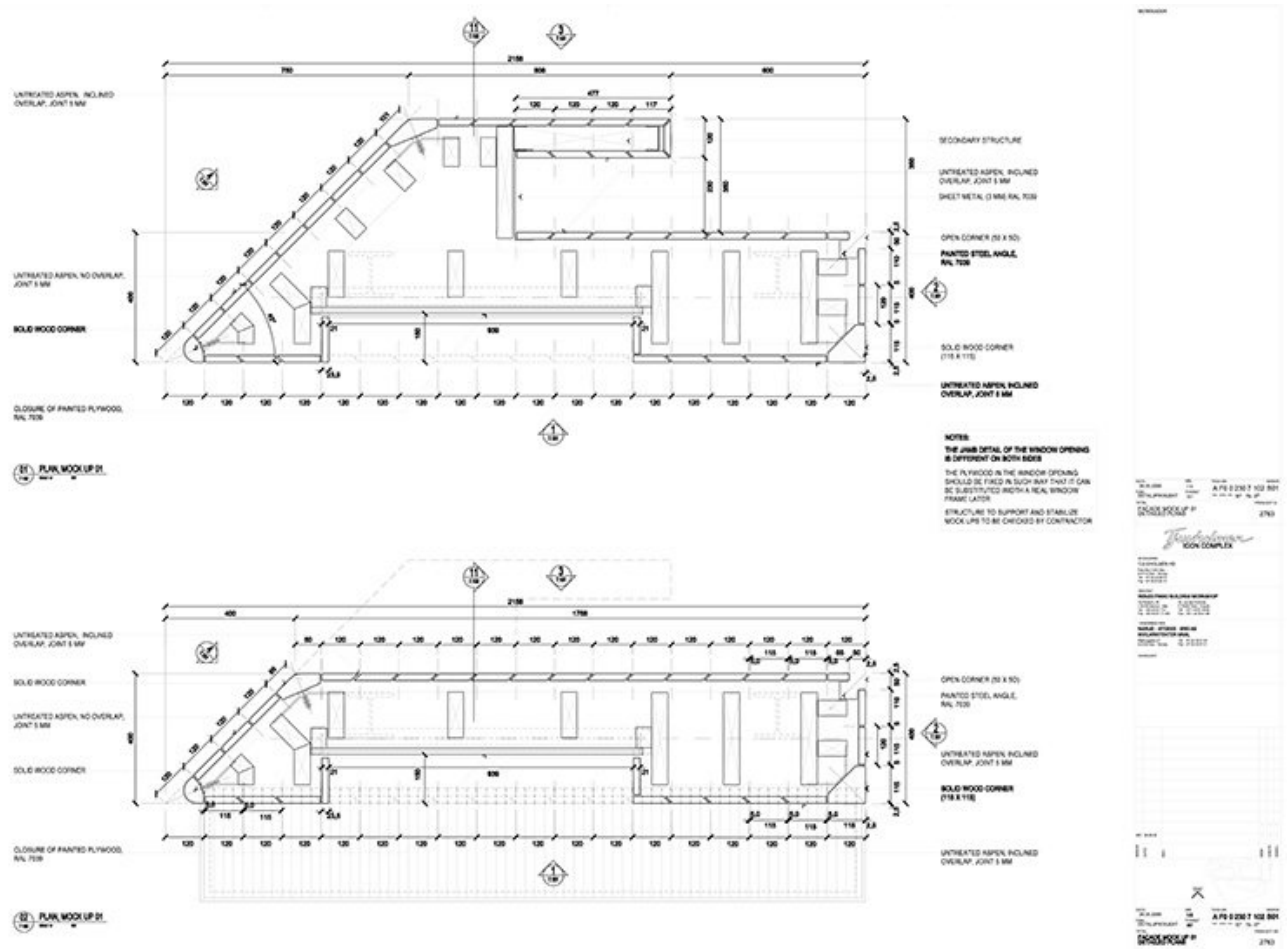
Title	Oslo out from the sea
Scale	-
Size	A4
Date	2012/03/01
Drawing number	-
Drawing code	Osl-rp_172
Author	Renzo Piano
Copyright	Renzo Piano Building Workshop



Title	View from Albert Plaz
Scale	1:100
Size	Custom: 1520 x 594 mm
Date	2009/09/01
Drawing number	N/A
Drawing code	OSL_DW_009
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



Title	Overall from the sea
Scale	1:100
Size	Custom: 1520 x 594 mm
Date	2009/06/01
Drawing number	N/A
Drawing code	OSL_DW_011
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



Title Facade Mock up 01 detailed plans

Scale 1:5

Size A1

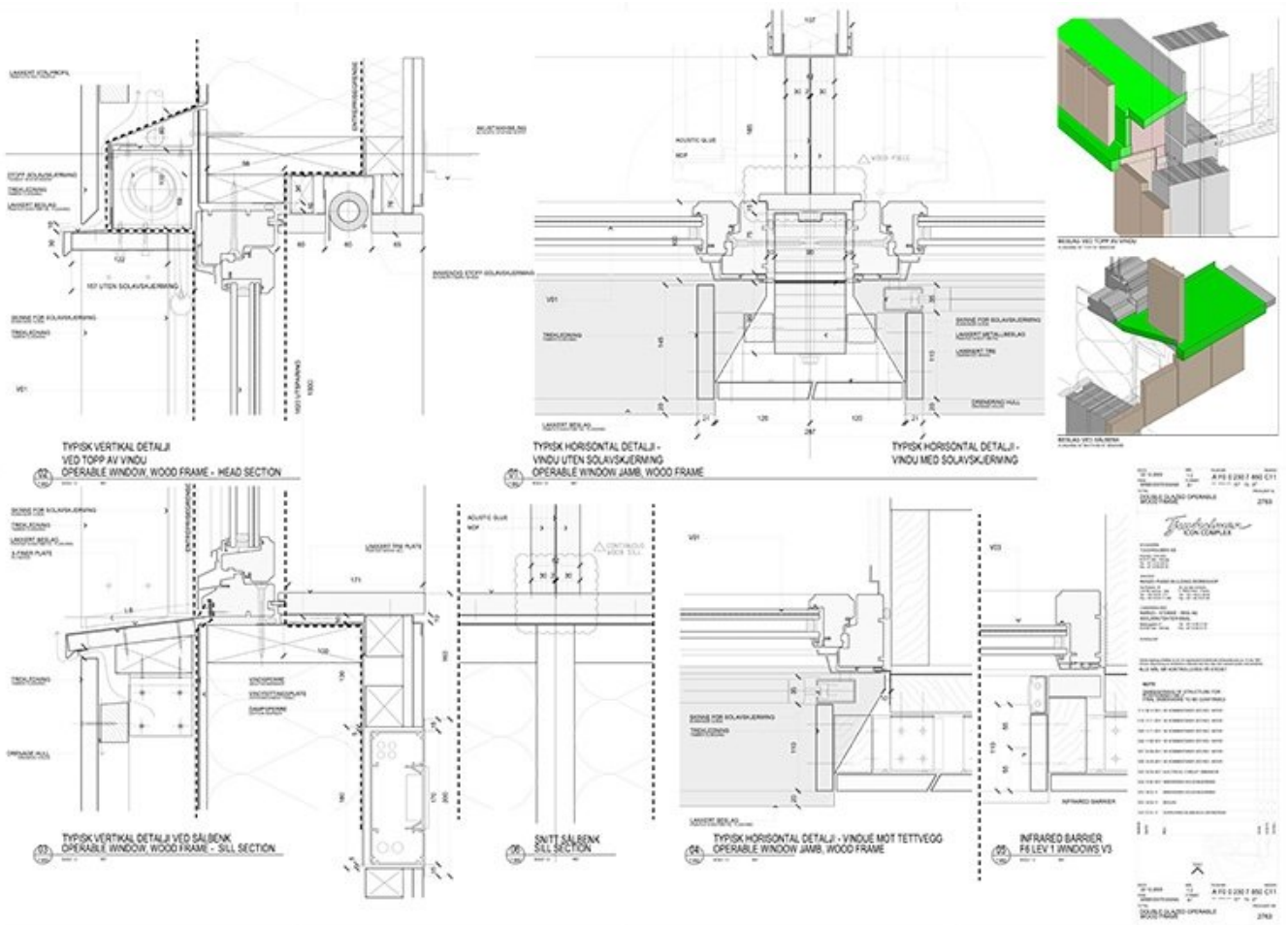
Date 2009/05/28

Drawing number A F 0 2 3 0 7 1 0 2

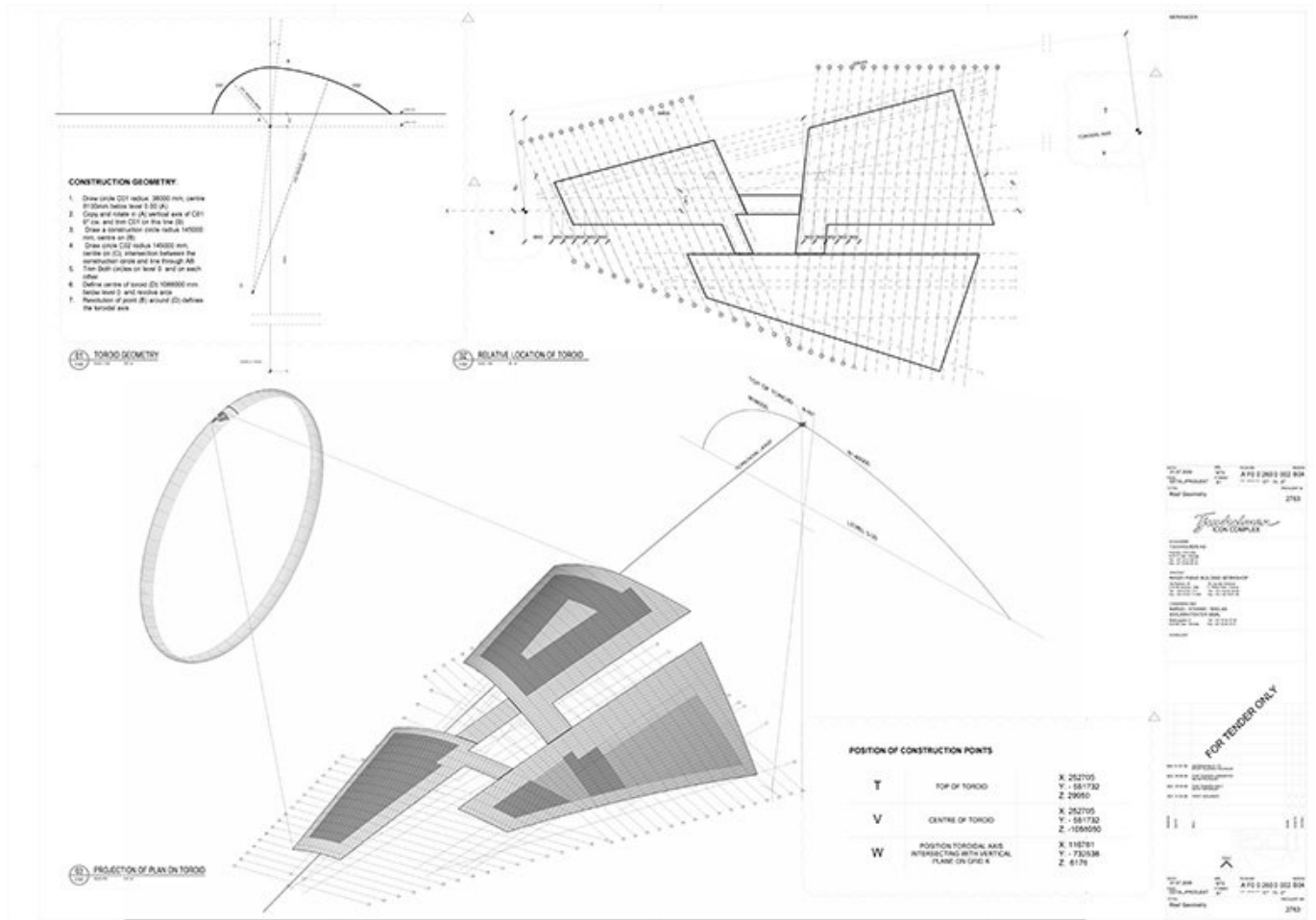
Drawing code OSL_DW_012

Author Renzo Piano Building Workshop

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Title	Double glazed operable wood frame
Scale	1:2
Size	A1
Date	2009/12/22
Drawing number	A F0 0 230 7 850
Drawing code	OSL_DW_013
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



Title Roof geometry

Scale NTS

Size A1

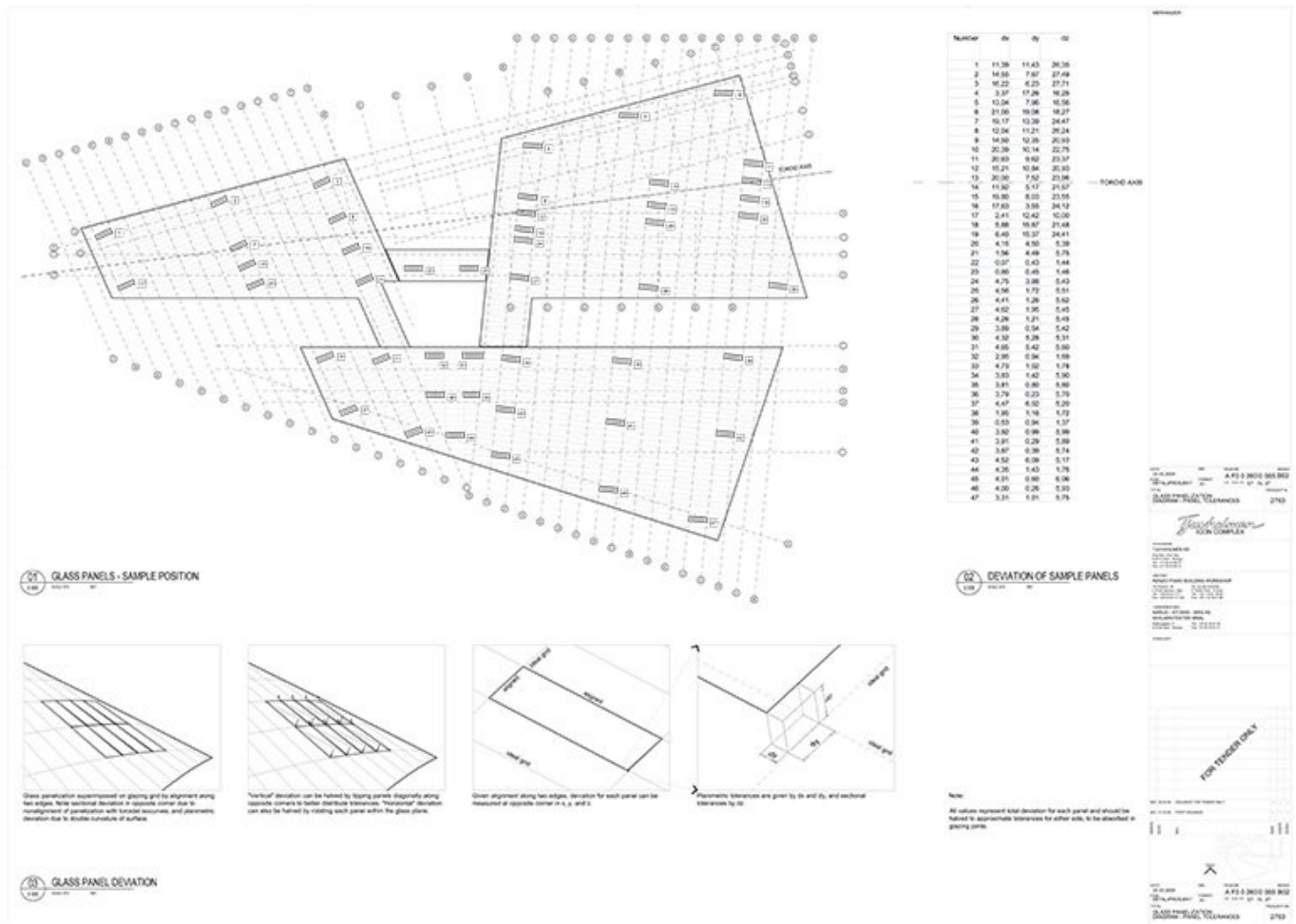
Date 2009/03/31

Drawing number A F0 0 260 0 002

Drawing code OSL_DW_014

Author Renzo Piano Building Workshop

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Title Glass panelization diagram - Panel tolerances

Scale NTS

Size A1

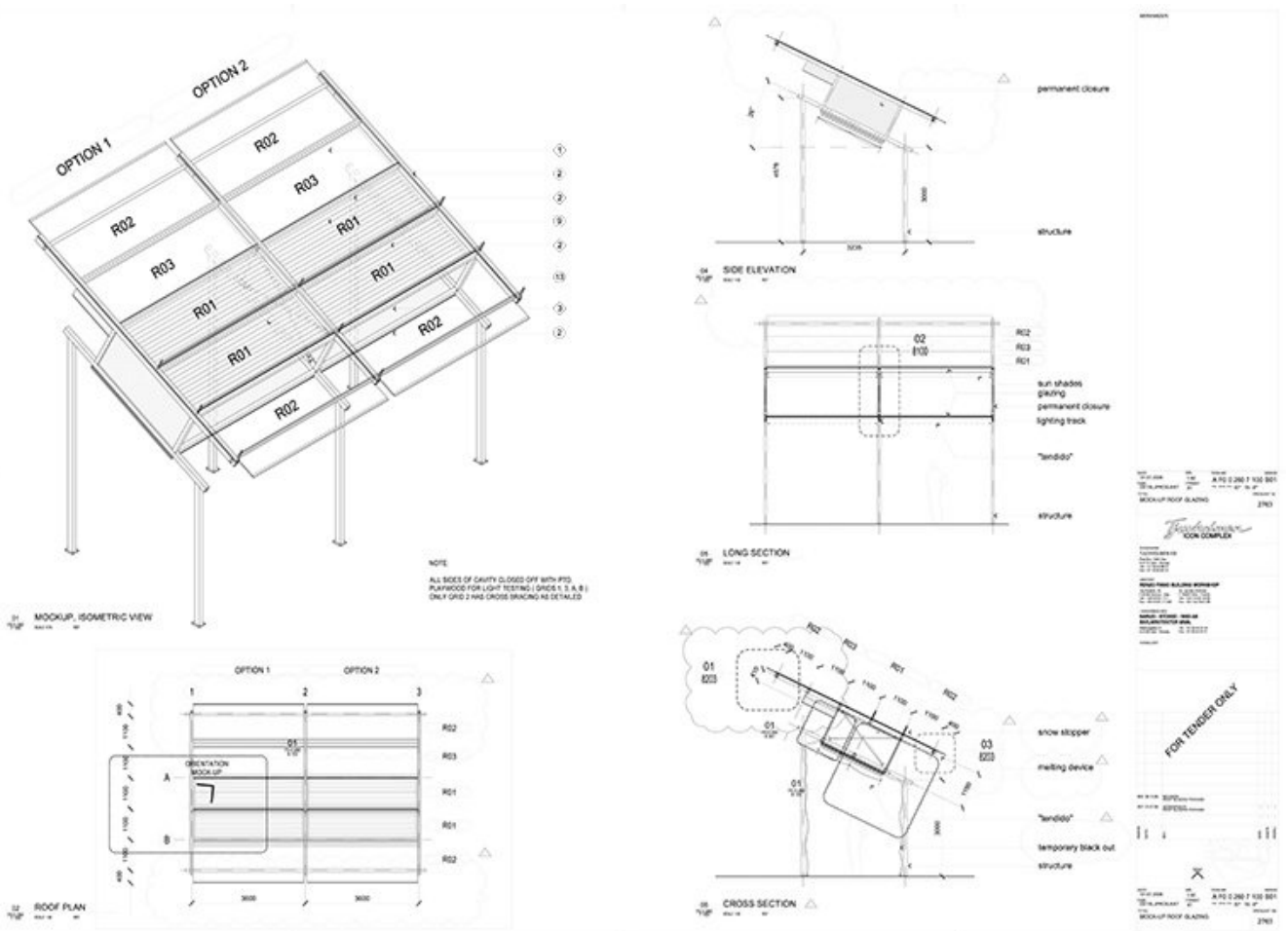
Date 2009/03/31

Drawing number A F0 0 260 0 005

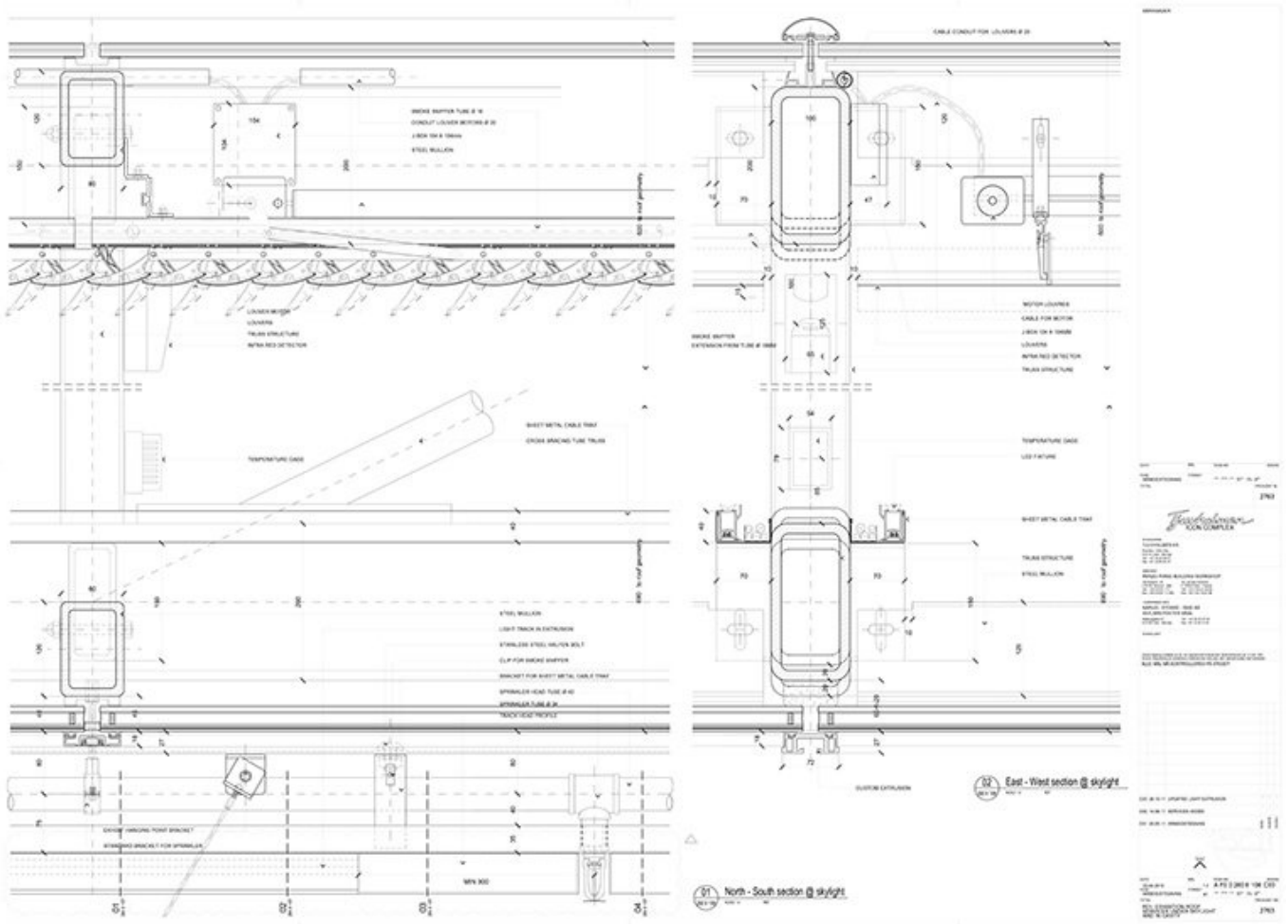
Drawing code OSL_DW_015

Author Renzo Piano Building Workshop

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Title	Mock-up roof glazing
Scale	1:50
Size	A1
Date	2009/07/01
Drawing number	A F0 0 260 7 100
Drawing code	OSL_DW_016
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



Title R01 - Exhibition roof services under skylight and in cavity

Scale 1:2

Size A1

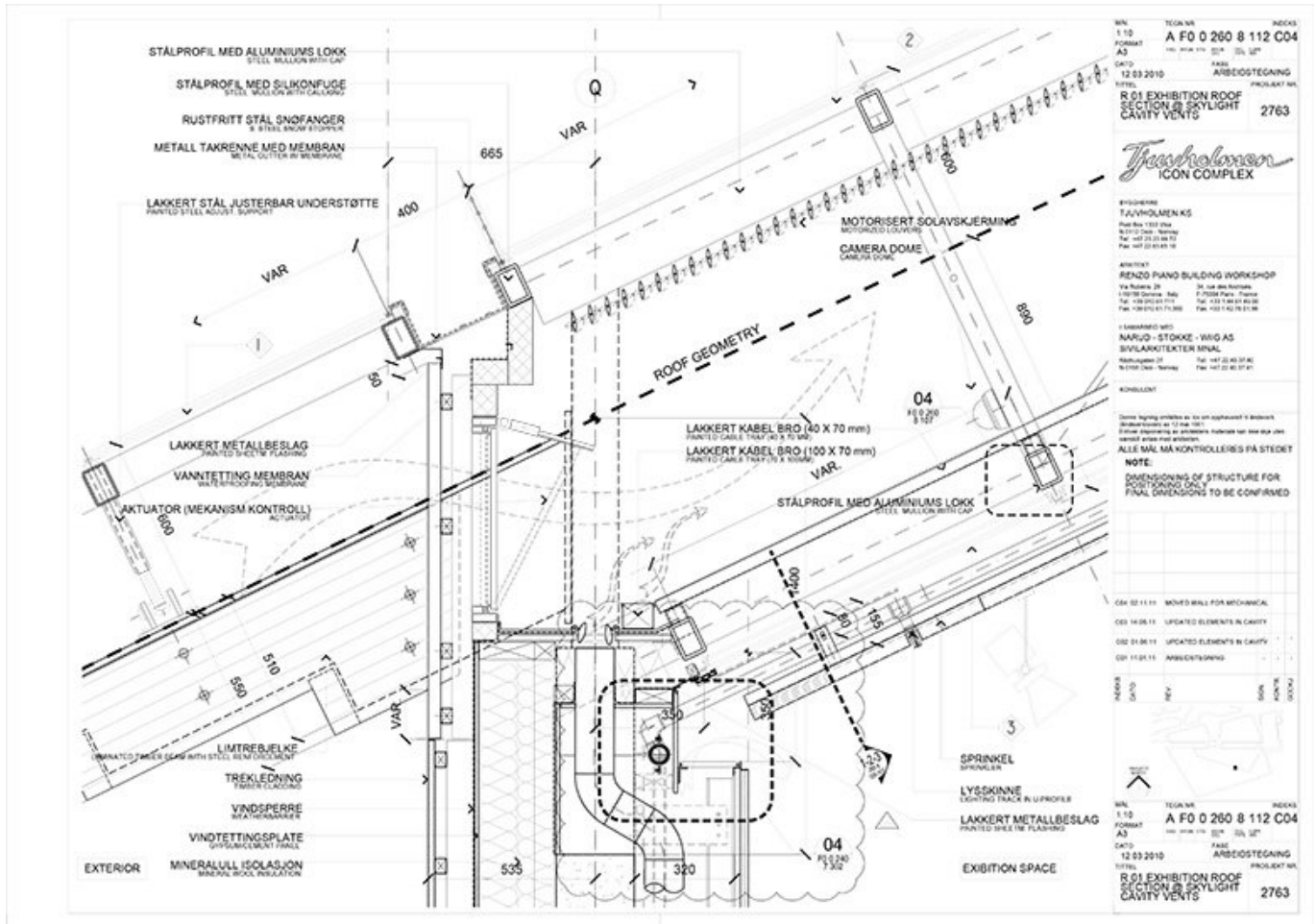
Date 2010/04/23

Drawing number A F0 0 260 8 106

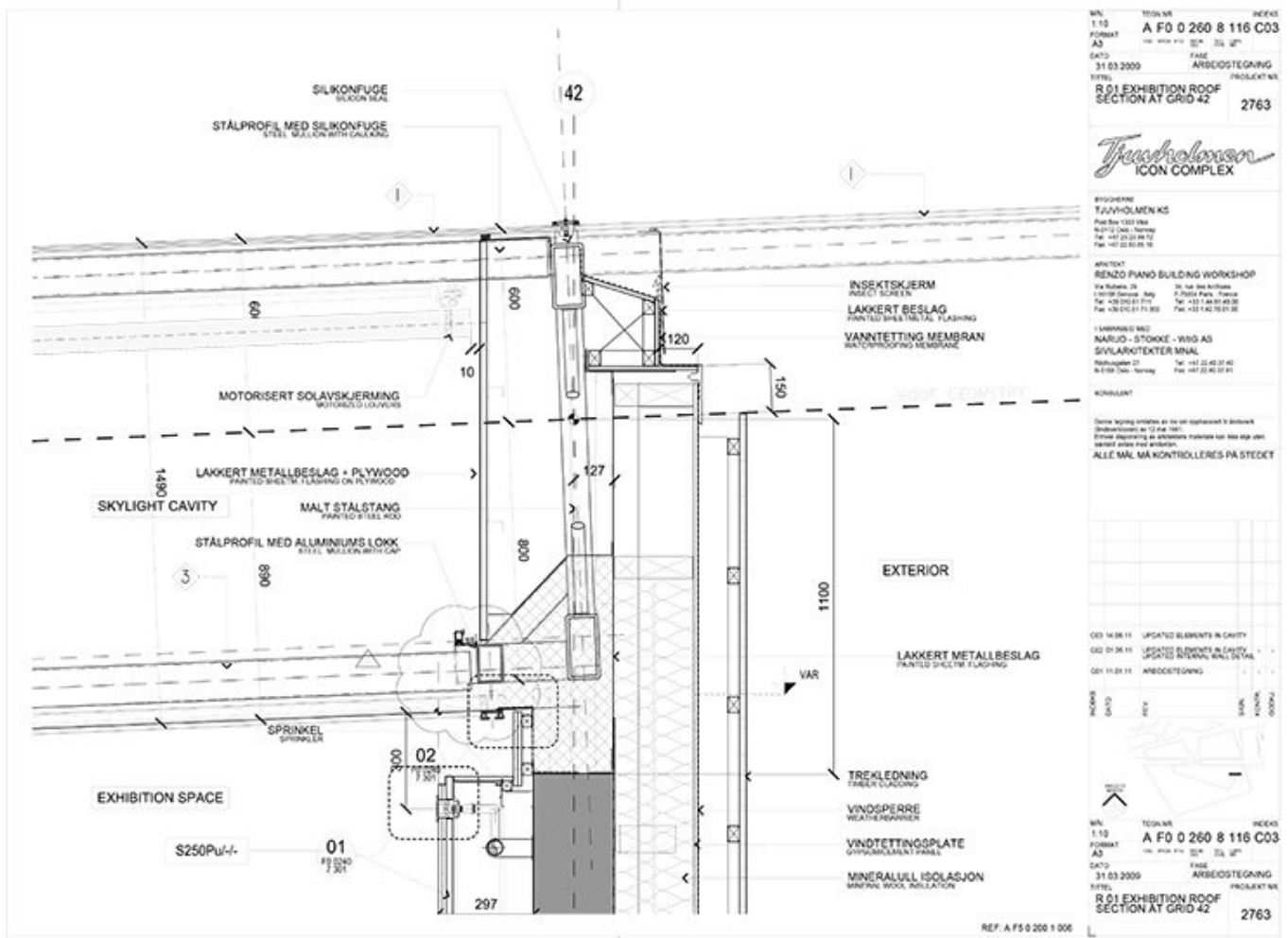
Drawing code OSL_DW_017

Author Renzo Piano Building Workshop

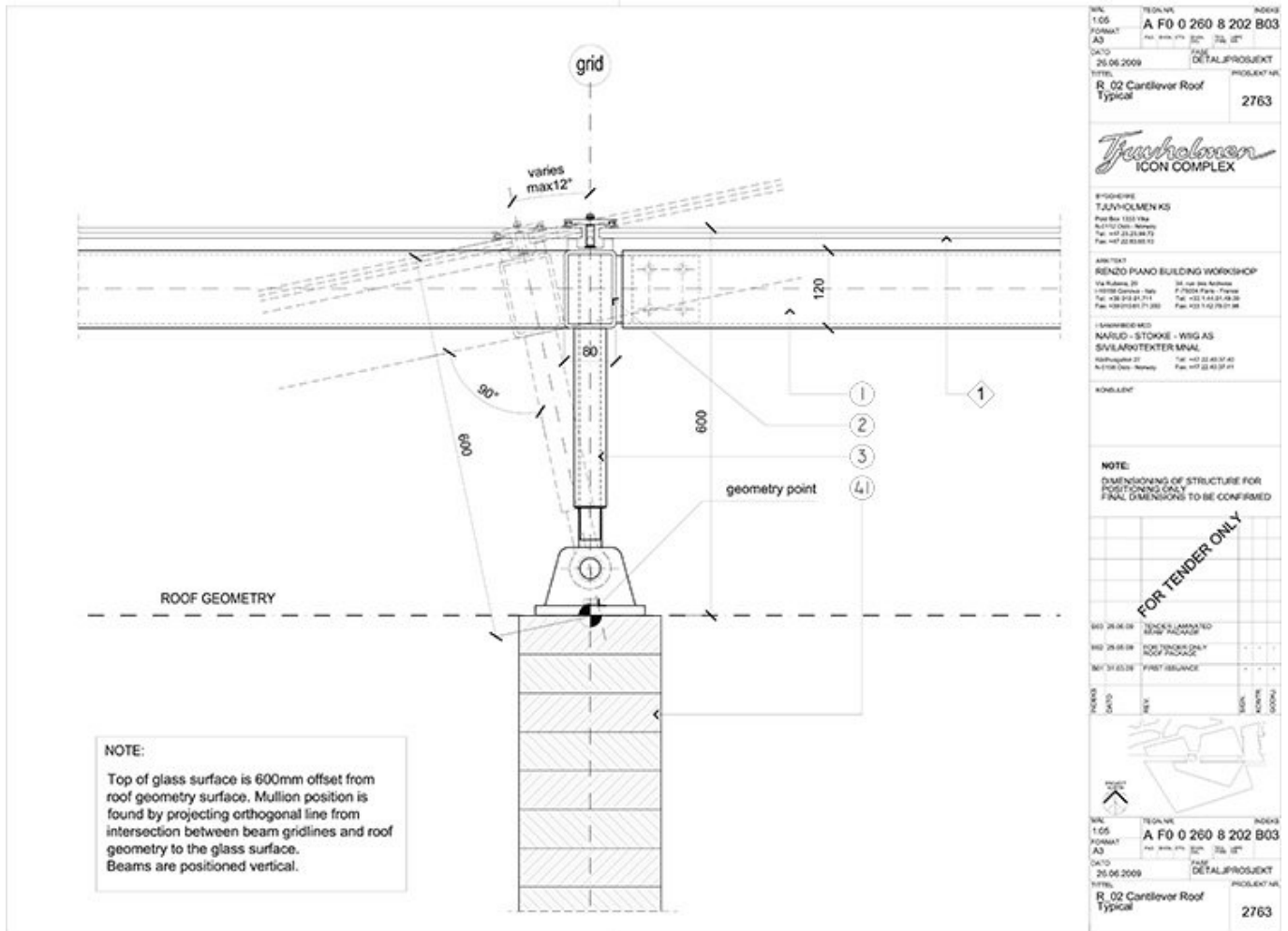
Copyright Renzo Piano Building Workshop



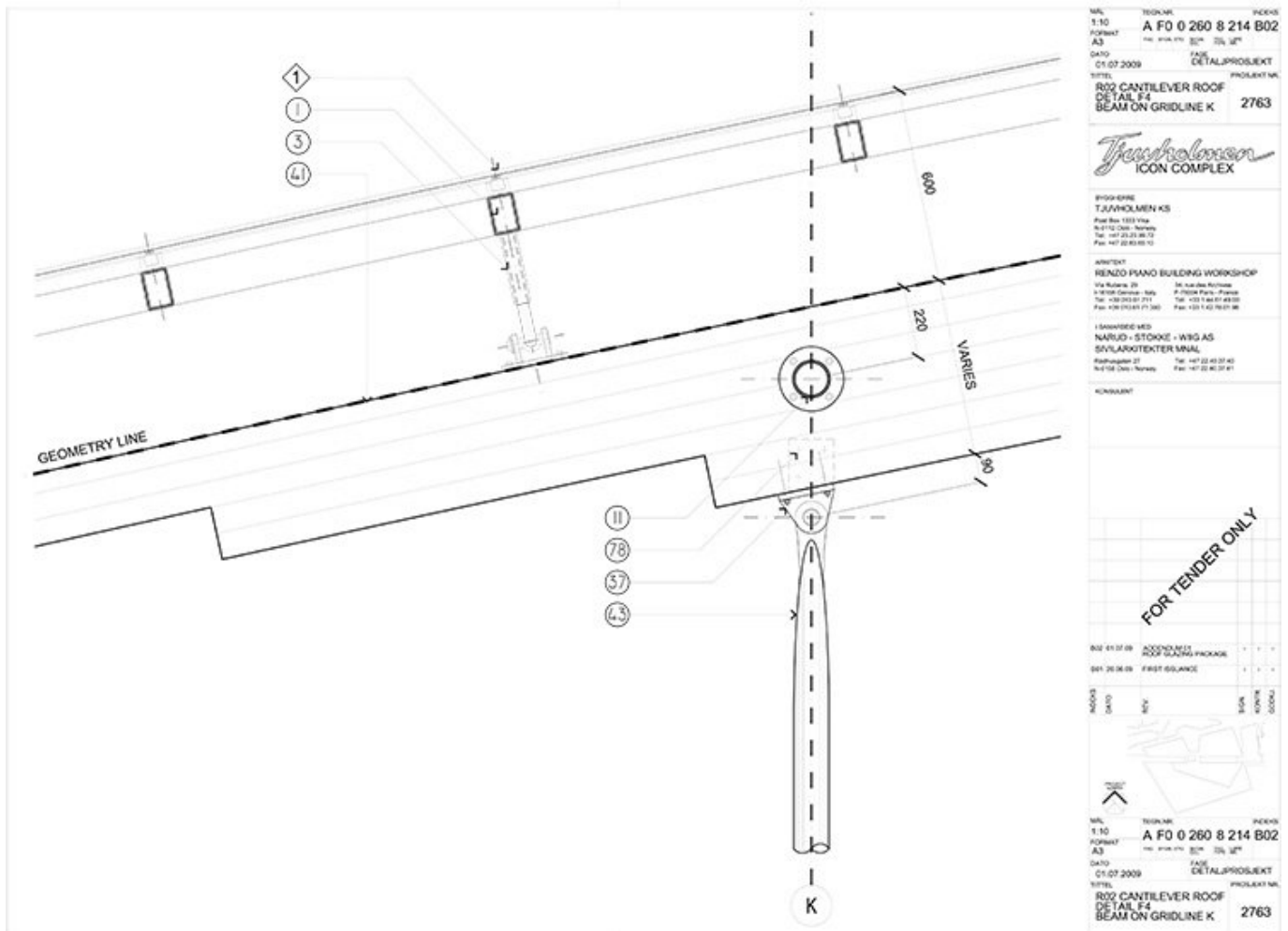
Title	R01 - Exhibition roof section @ skylight cavity vents
Scale	1:2
Size	A3
Date	2010/03/12
Drawing number	A F0 0 260 8 112
Drawing code	OSL_DW_018
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



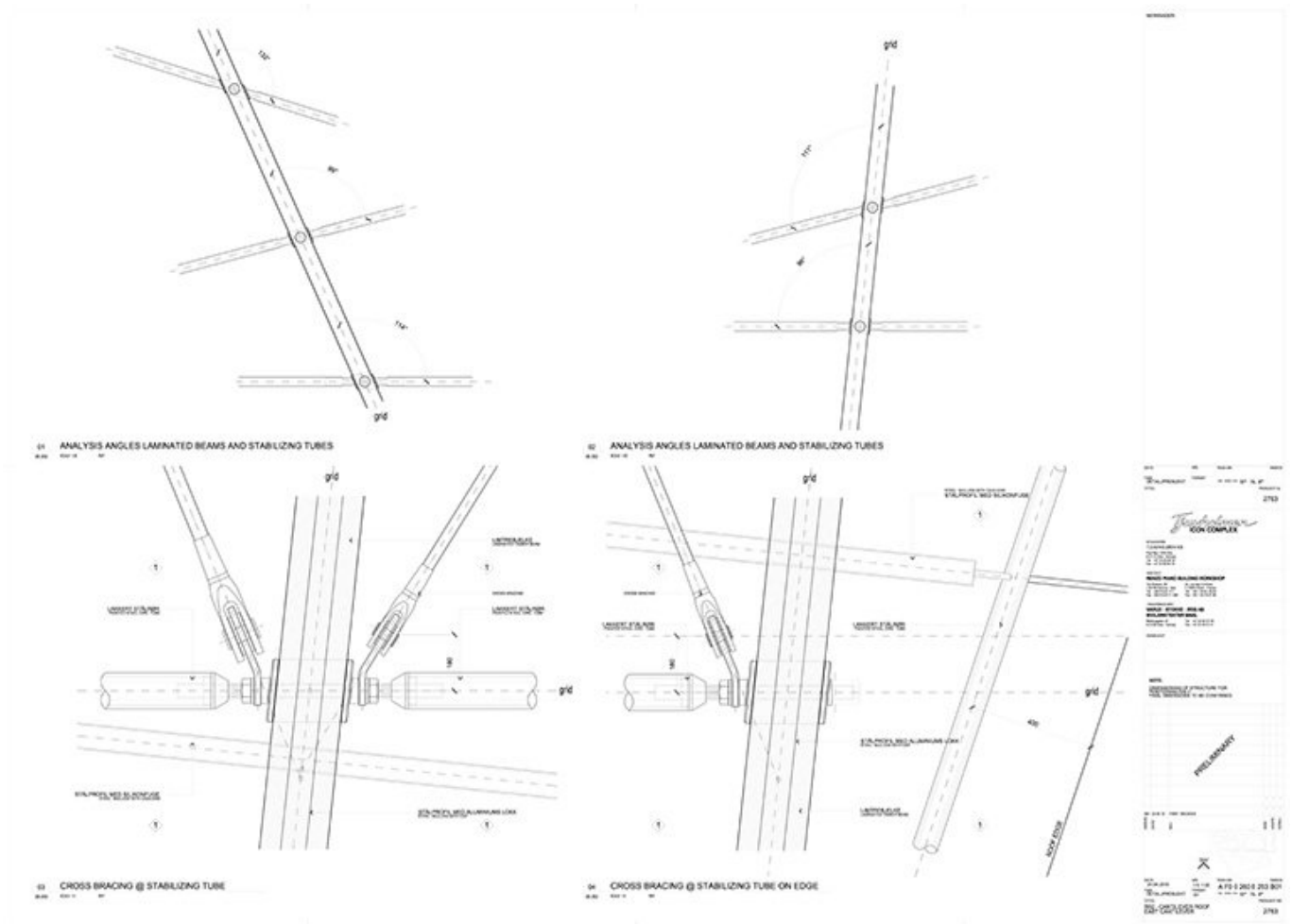
Title	R01 - Exhibition roof section section at grid 42
Scale	1:10
Size	A3
Date	2009/03/31
Drawing number	A F0 0 260 8 116
Drawing code	OSL_DW_019
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



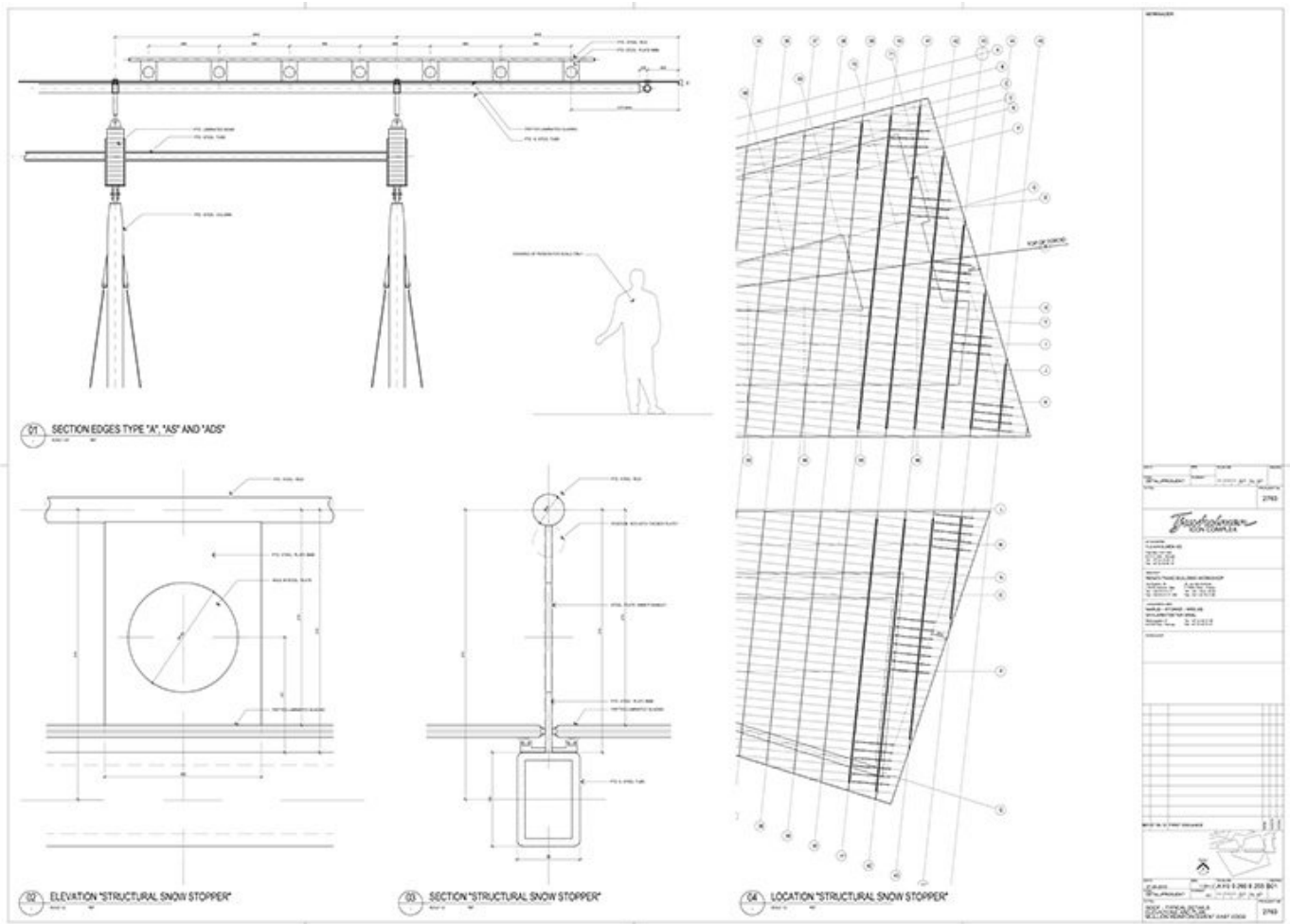
Title	R_02 - Cantilever Roof Typical
Scale	1:5
Size	A3
Date	2009/03/31
Drawing number	A F0 0 260 8 202
Drawing code	OSL_DW_020
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



Title	R_02 - Cantilever Roof Detail F4 - Beam on gridline K
Scale	1:10
Size	A3
Date	2009/06/26
Drawing number	A FO 0 260 8 214
Drawing code	OSL_DW_021
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



Title	R_02 - Cantilever Roof East Cantilever
Scale	1:5
Size	A1
Date	2010/04/23
Drawing number	A F0 0 260 8 253
Drawing code	OSL_DW_022
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



Title Roof - Typical details elevations and plan - Mullion Reinforcement East edge

Scale 1:20

Size A1

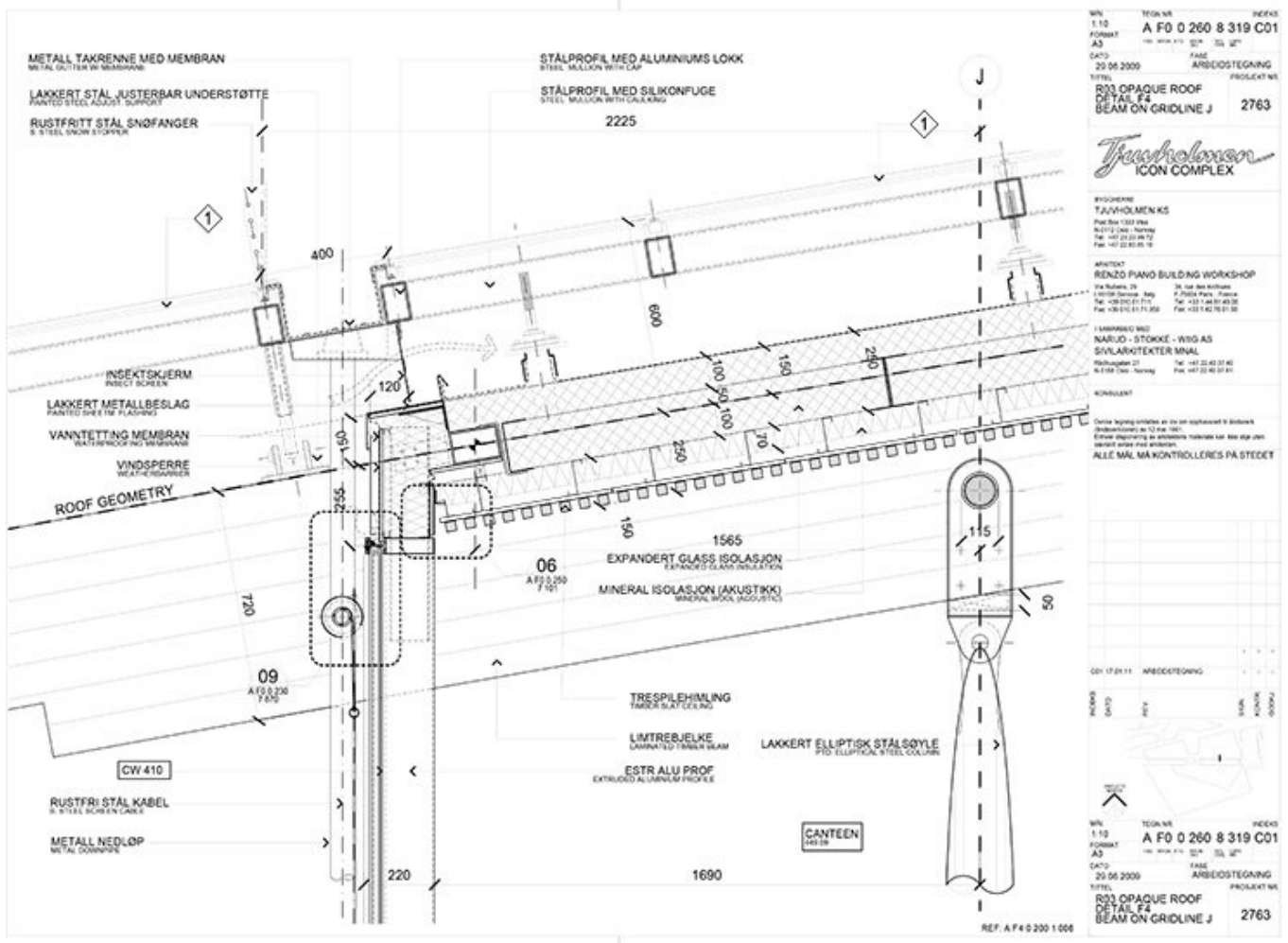
Date 2010/04/23

Drawing number A F0 0 260 8 255

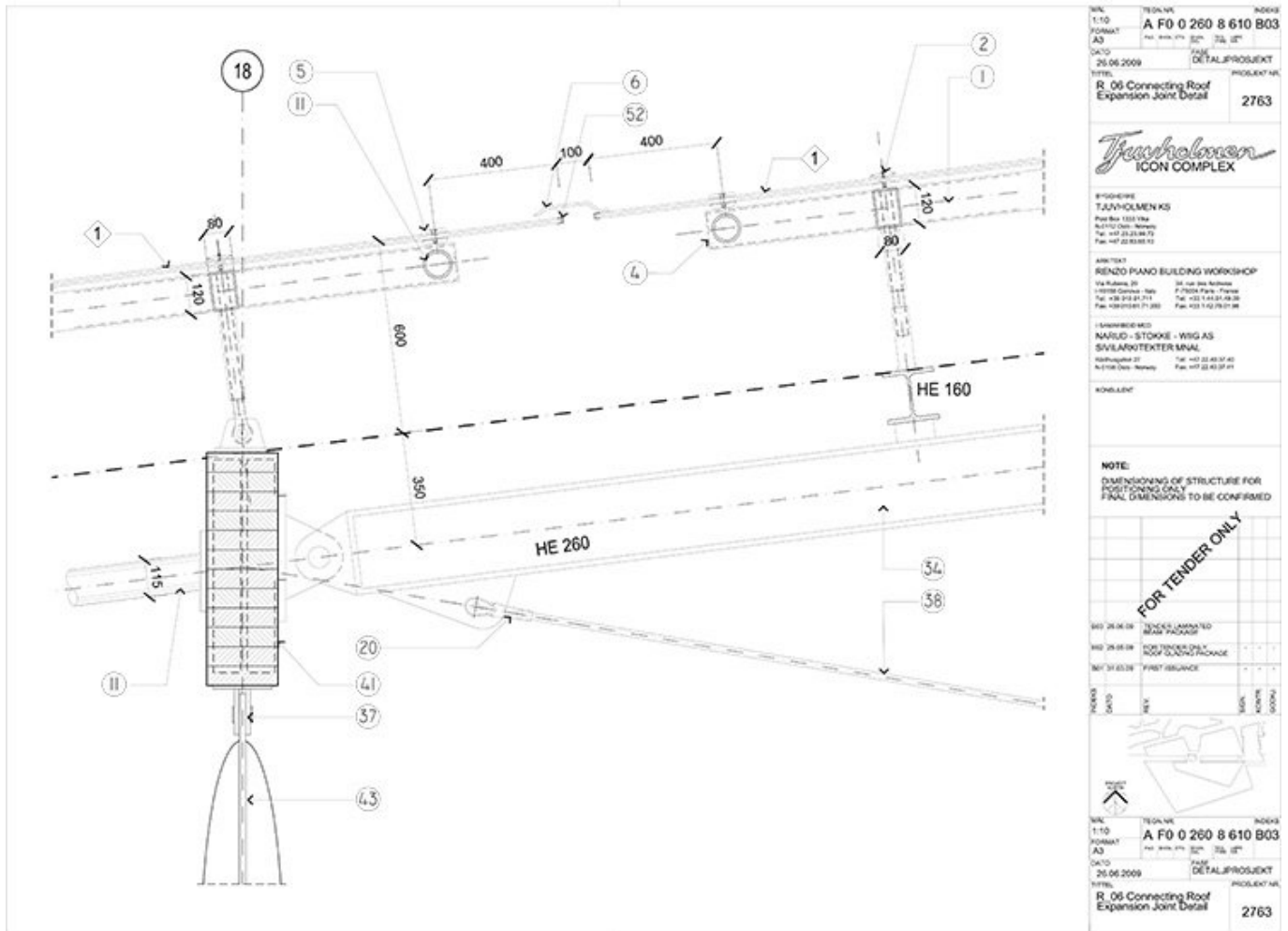
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Author Renzo Piano Building Workshop

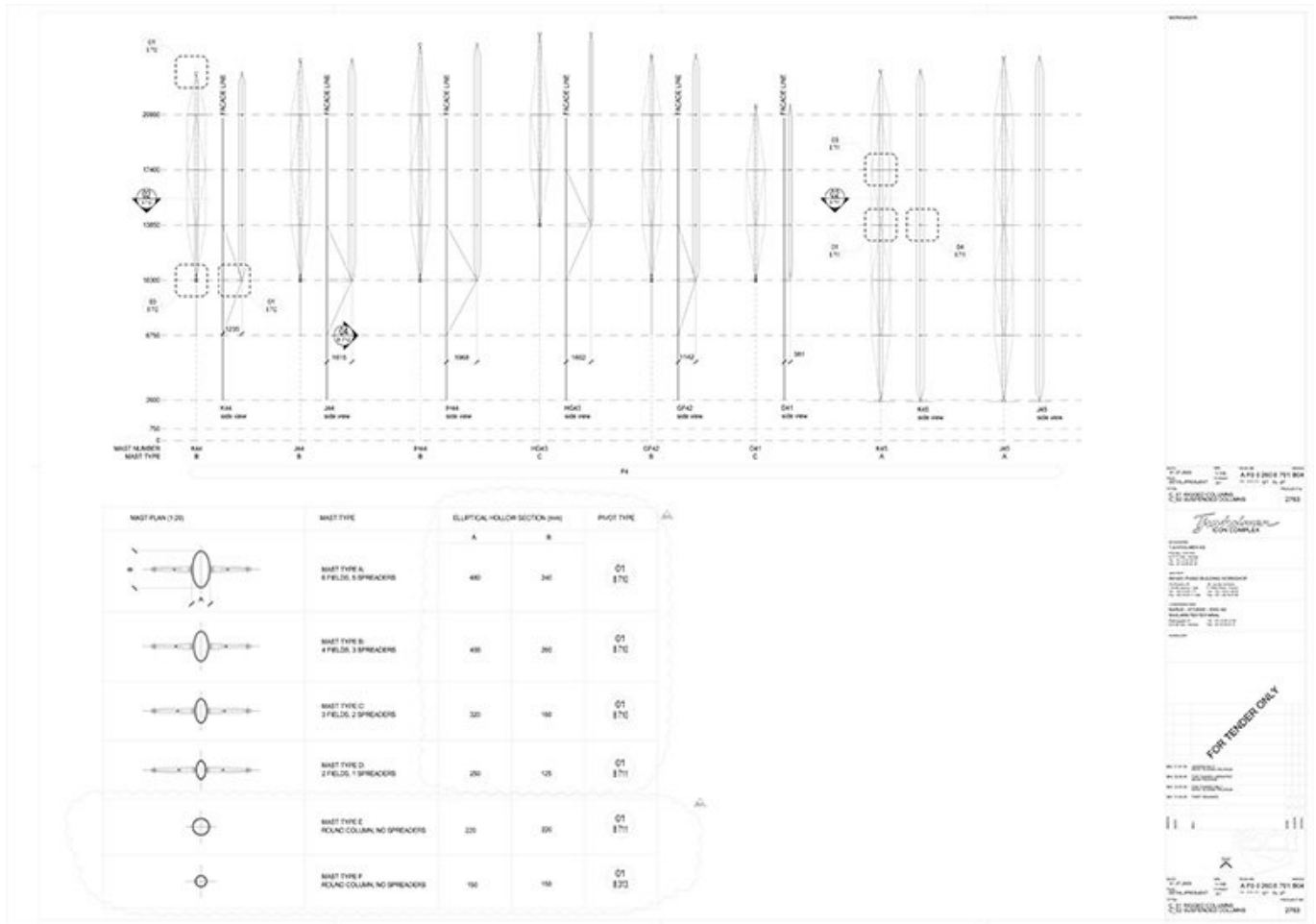
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Title	R03 Opaque roof Detail F4 - Beam on gridline J
Scale	1:10
Size	A3
Date	2009/06/29
Drawing number	A F0 0 260 8 319
Drawing code	OSL_DW_024
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop

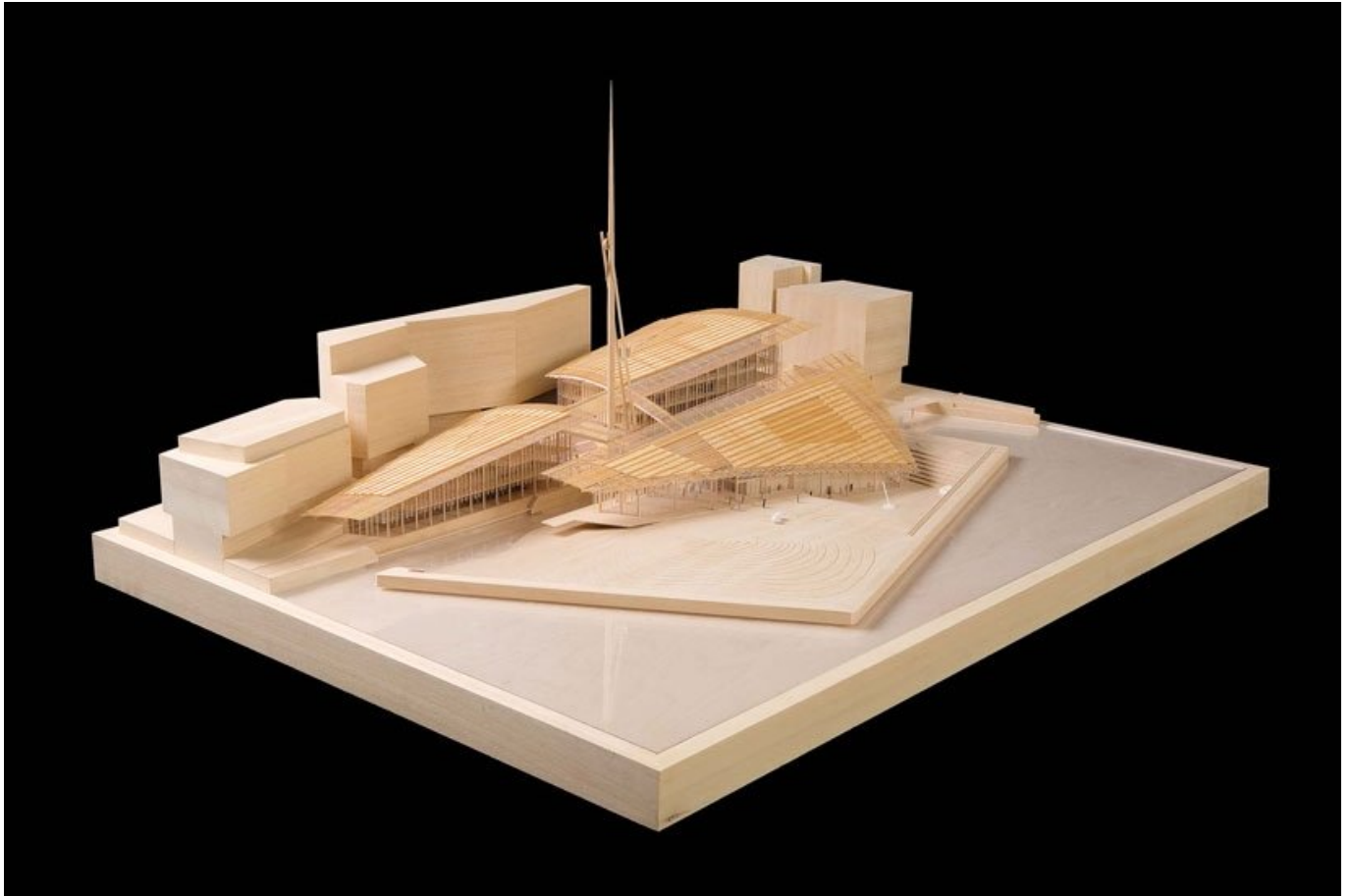


Title	R_06 Connecting Roof Expansion Joint Detail
Scale	1:10
Size	A3
Date	2009/03/31
Drawing number	A F0 0 260 8 610
Drawing code	OSL_DW_025
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop

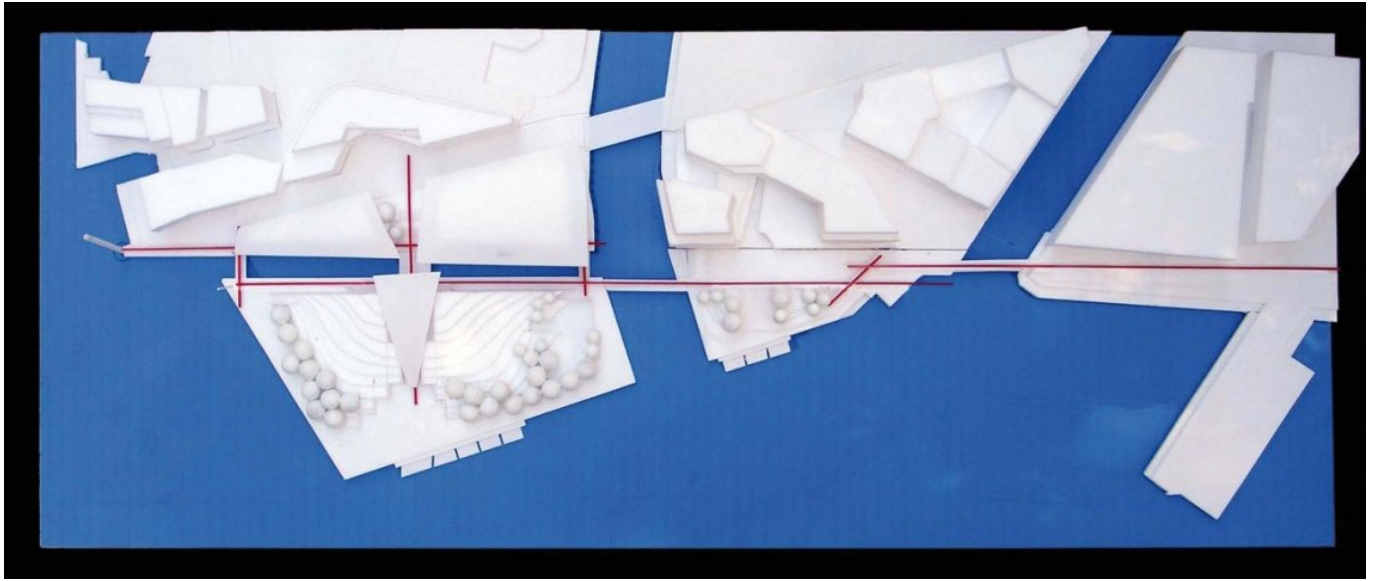


Title	C_01 Riggged Columns - C_02 Suspended Columns
Scale	1:100
Size	A1
Date	2009/03/31
Drawing number	A F0 0 260 8 701
Drawing code	OSL_DW_026
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop

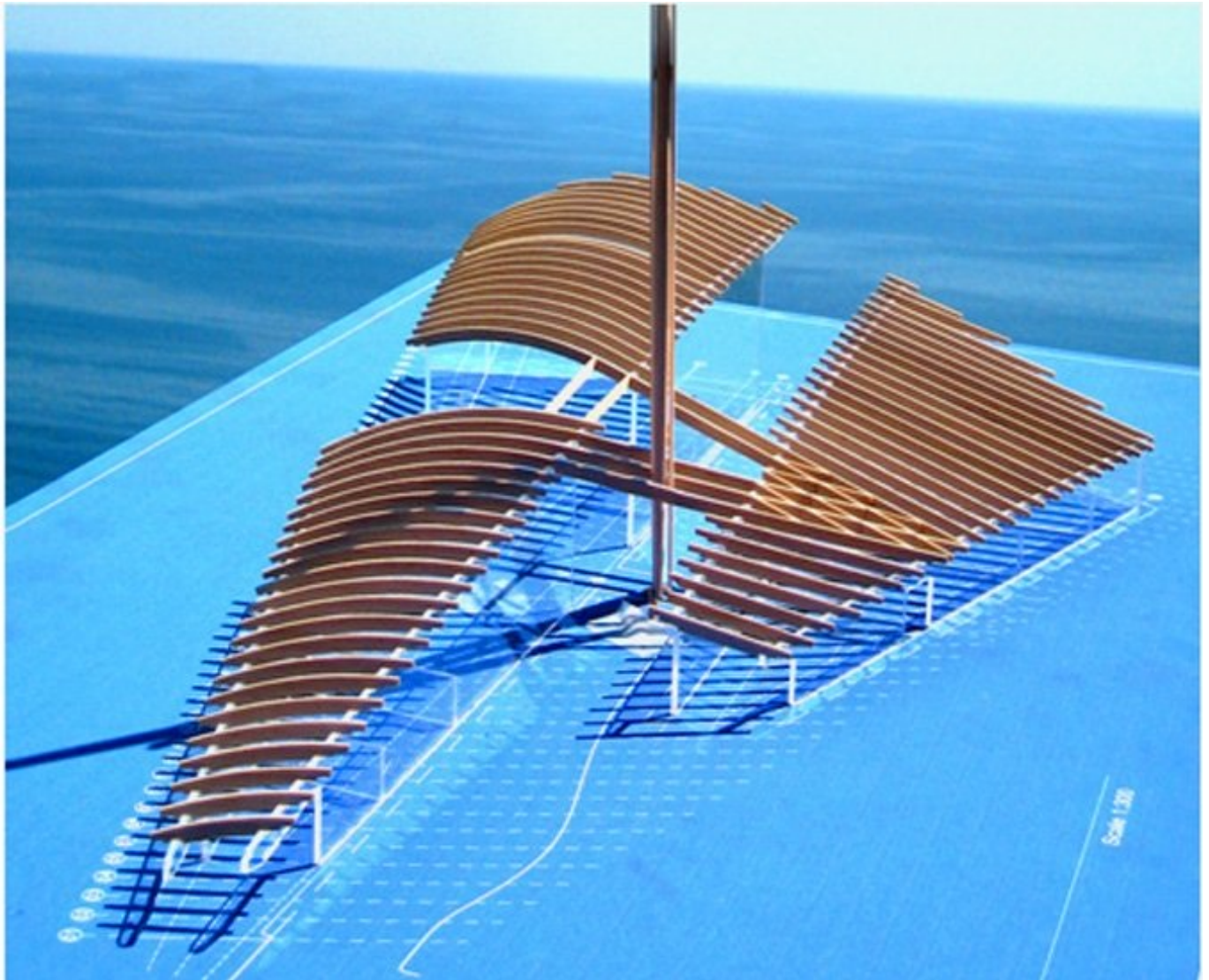
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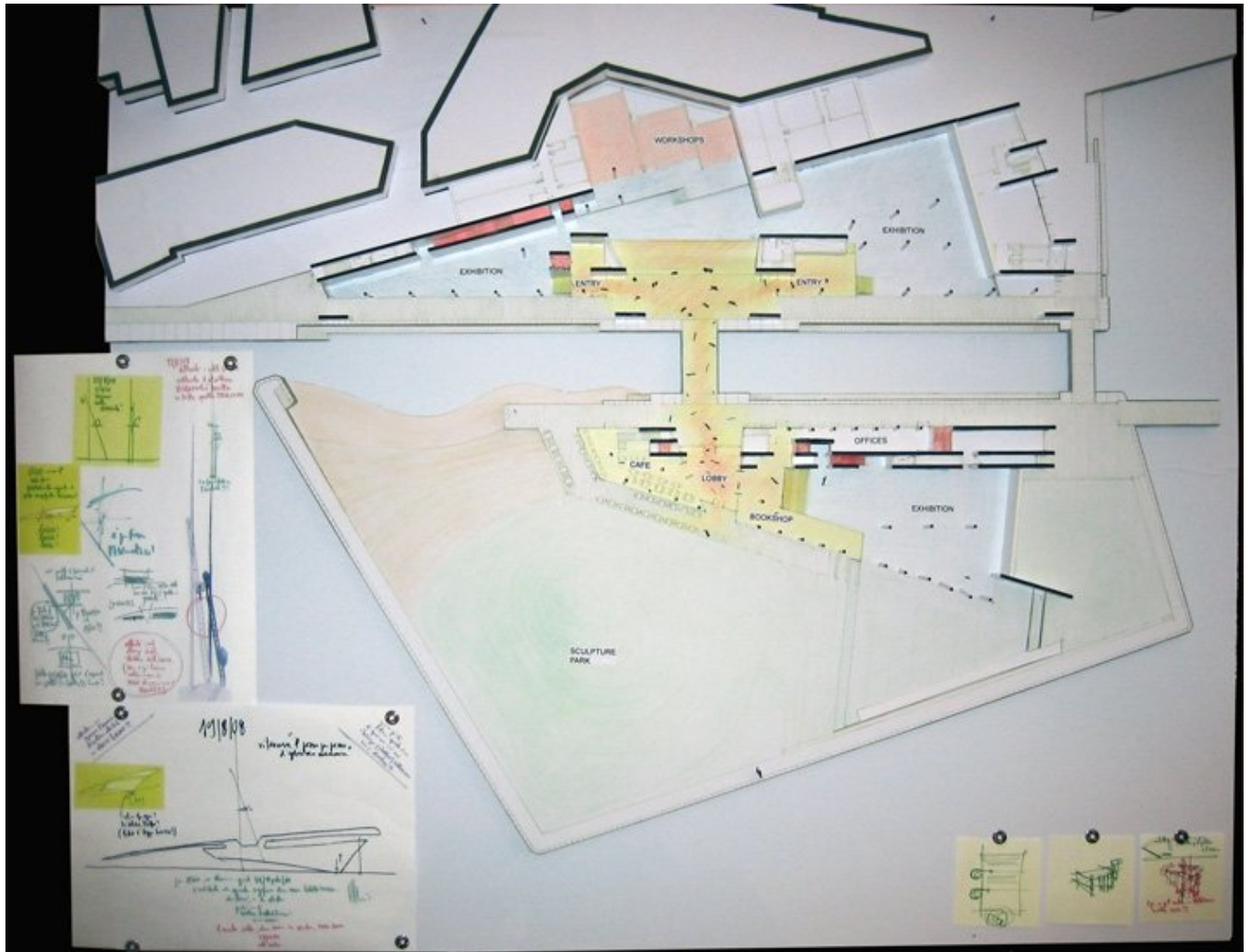
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Date	2008-03-01
Model Code	OSL_MD_001_T
Scale	1:200
Model Author	RPBW - Renzo Piano Building Workshop Architects



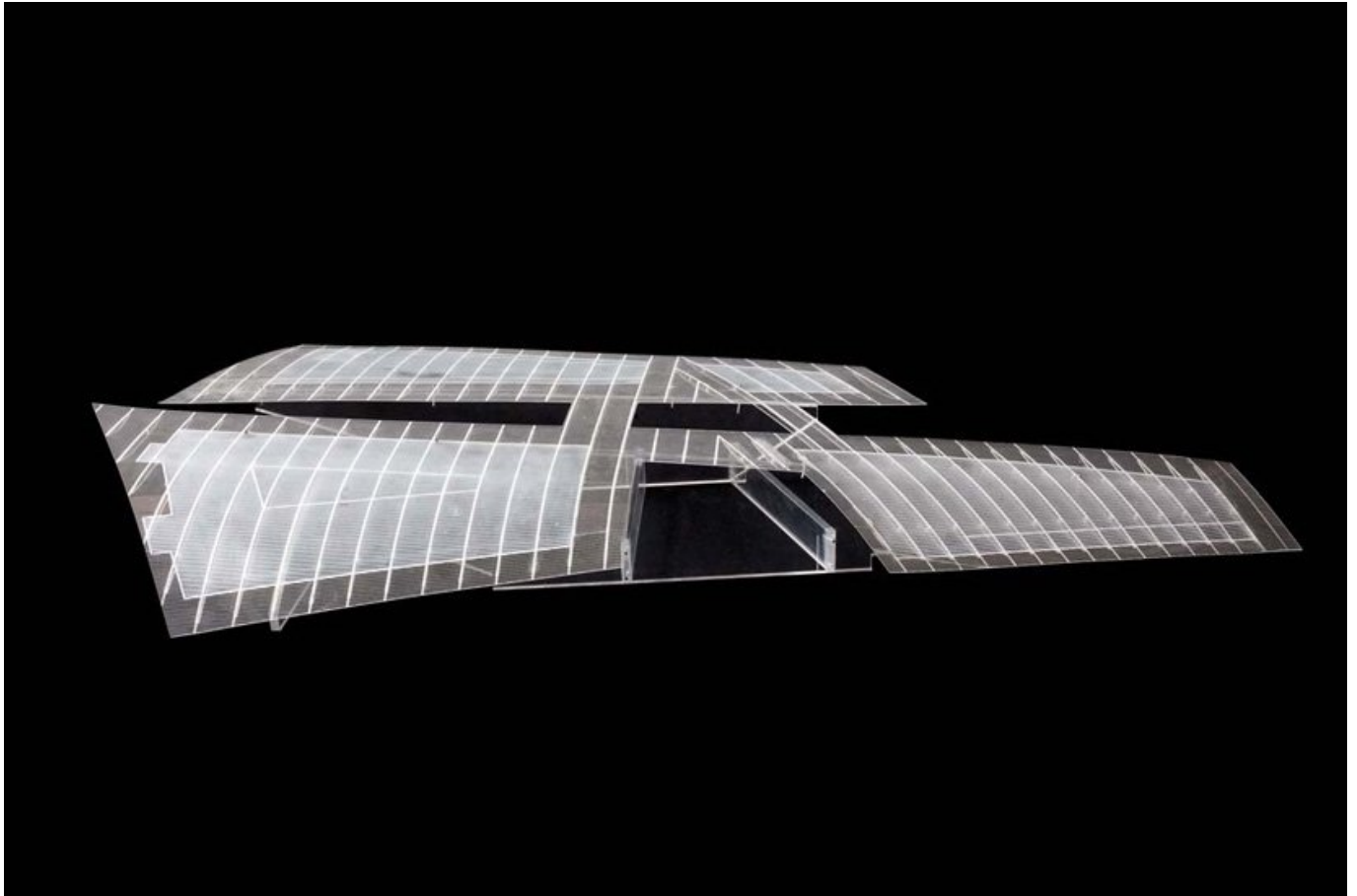
Title	Waterfront Model
Date	2006-06-30
Model Code	OSL_MD_023_Z
Scale	1:500
Model Author	RPBW - Renzo Piano Building Workshop Architects



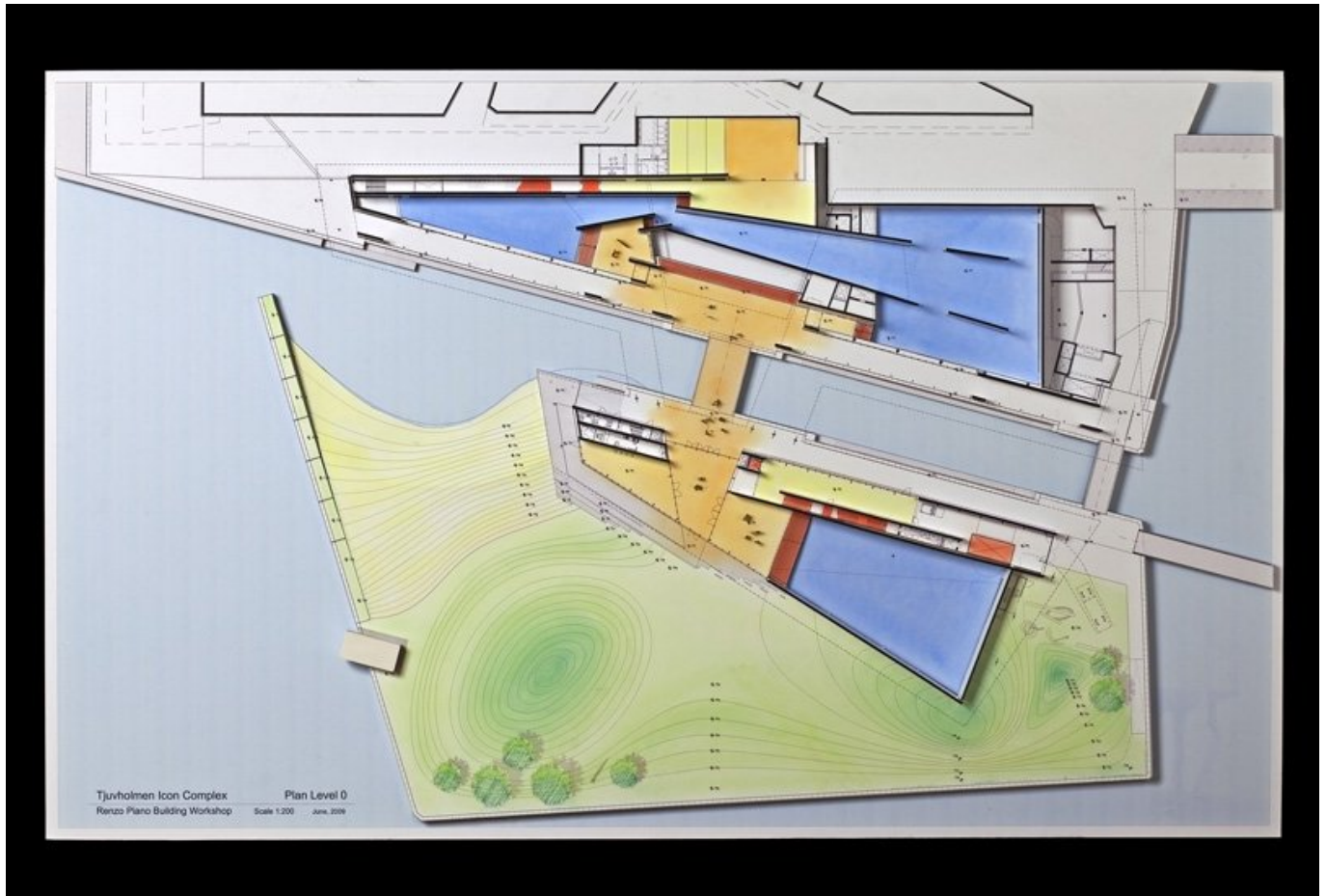
Title	Roof Geometry Study Model
Date	2007-02-06
Model Code	OSL_MD_003
Scale	1:300
Model Author	RPBW - Renzo Piano Building Workshop Architects



Title	Ground Floor Bas Relief
Date	2008-05-01
Model Code	OSL_MD_035_Z
Scale	N/A
Model Author	RPBW - Renzo Piano Building Workshop Architects



Title	Roof Model
Date	2009-06-10
Model Code	OSL_MD_034_F1
Scale	1:200
Model Author	RPBW - Renzo Piano Building Workshop Architects



Title	Ground Floor Bas Relief
Date	2009-06-01
Model Code	OSL_MD_044_Z
Scale	1:200
Model Author	RPBW - Renzo Piano Building Workshop Architects

