

The Shard - London Bridge Tower



The London Bridge Tower is a building that grows in height, in which different functions coexist: private apartments, public floors, shops, restaurants, offices and a hotel. It's a vertical city where 8.000 people work and live. The building resembles an elongated pyramid that stands out against the sky and vanishes through the clouds. Eight sloping glass facades, the “shards” define the shape and visual quality of the tower, fragmenting the scale of the building and reflecting the light in unpredictable ways.

Dati Progetto

Design	2000-2008
Construction	2009-2012
Site area	126.712 m2
Height	309.6 m
Floors	87

Credits

Client	Sellar Property Group
Architect	Renzo Piano Building Workshop in collaboration with Adamson Associates (Toronto, Londra)
Consultants	Phase One (Planning Application), 2000-2003 Arup (structure and services); Lerch, Bates & Associates (vertical transportation); Broadway Malyan (consulting architect) Phase Two, 2004-2012 WSP Cantor Seinuk (structure); Arup (building services); Lerch, Bates & Associates (vertical transportation); Davis Langdon (cost consultant); Townshend Architects (landscape); Pascall+Watson (executive architect for the station)

Immagini



Subject	Building under construction
Date	2011-03-01
Image code	Lbq__455
Author	Lehoux, Nic
Copyright	RPBW - Renzo Piano Building Workshop Architects



Subject	Detail of the building under construction
Date	N/A
Image code	Lbq__461
Author	Lehoux, Nic
Copyright	RPBW - Renzo Piano Building Workshop Architects



Subject	The Shard under construction above the station
Date	N/A
Image code	Lbq__480
Author	Lehoux, Nic
Copyright	RPBW - Renzo Piano Building Workshop Architects



Subject	City view from the building under construction
Date	N/A
Image code	Lbq__500
Author	Lehoux, Nic
Copyright	RPBW - Renzo Piano Building Workshop Architects



Subject	Facade detail under construction
Data	N/A
Image code	Lbq__516
Author	Lehoux, Nic
Copyright	RPBW - Renzo Piano Building Workshop Architects



Subject	Evening view from the Millenium Bridge
Date	N/A
Image code	Lbq__516
Author	Marshall, Ben
Copyright	RPBW - Renzo Piano Building Workshop Architects



Subject	Detail of the top of the tower under construction
Date	2012-03-01
Image code	Lbq__576
Author	Telford, Rob
Copyright	Telford, Rob



Subject	Facade detail - A team of climbers was employed at the site. The parts were assembled 300 meters above the ground, with gusts of wind reaching 80 km/h
Date	2010-11-01
Image code	Lbq__587
Author	Telford, Rob
Copyright	Telford, Rob



Subject	Renzo Piano, Joost Moolhuijzen, William Matthews and Irvine Sellar
Date	2012-04-01
Image code	Lbq__822
Author	Smith Renée
Copyright	Smith Renée



Subject	Panorama view with rainbow
Date	2012-02-25
Image code	Lbq__813
Author	Ventourakis,Nikolas
Copyright	Ventourakis,Nikolas



Subject	Exterior view of the entrance
Date	2012-06-01
Image code	Lbq__869
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	The top of the tower
Date	2012-06-01
Image code	Lbq__870
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	Exterior view from the river
Date	2012-06-01
Image code	Lbq__899
Author	Denancé, Michel
Copyright	Denancé, Michel



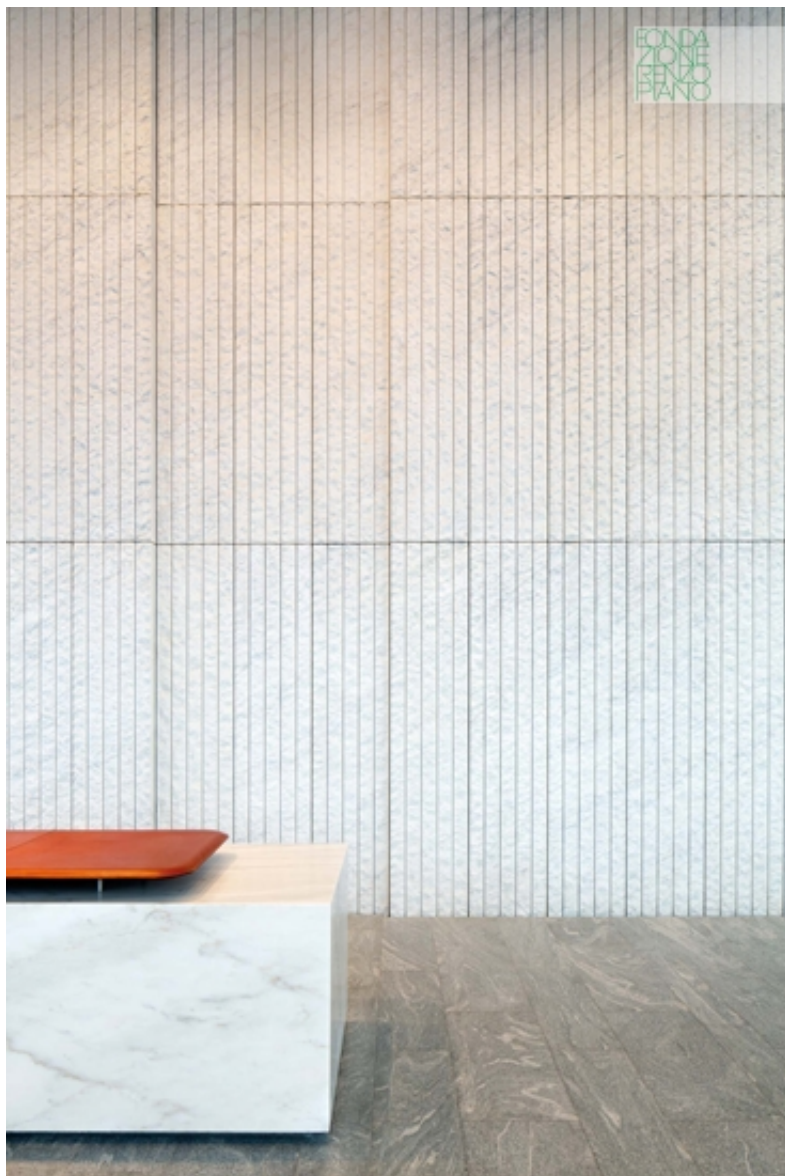
Subject	Aerial view
Date	2013-01-26
Image code	Lbq__1296
Author	Martin, Chris
Copyright	Martin, Chris



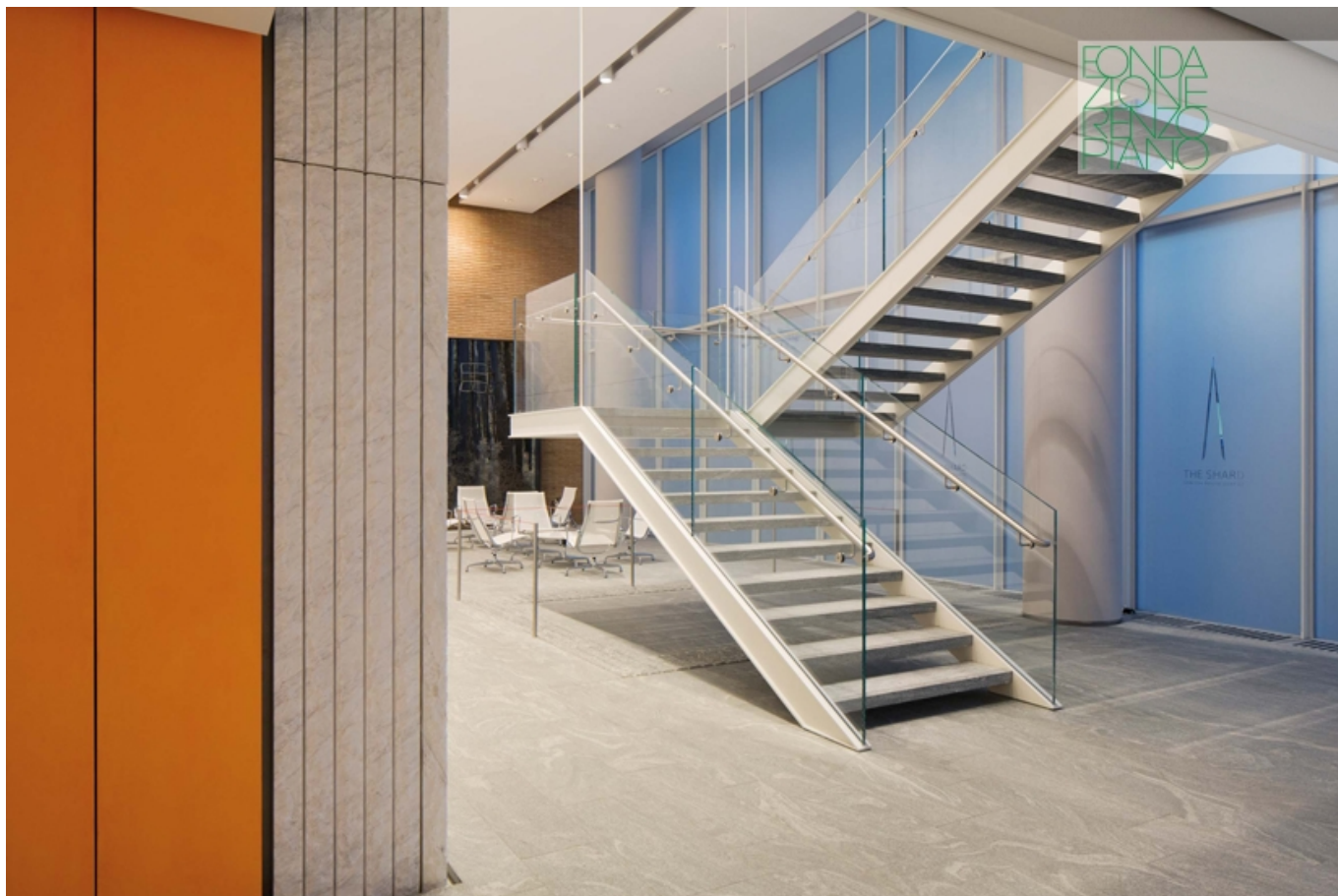
Subject	View from Saint Paul's Cathedral
Date	2013-08-15
Image code	Lbq__1301
Author	Matthews, William
Copyright	RPBW - Renzo Piano Building Workshop Architects



Subject	Interior view - The hall
Date	2012-11-01
Image code	Lbq__1344
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	Interior view - The hall
Date	2012-11-01
Image code	Lbq__1348
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	Detail of the internal staircase
Date	2012-11-01
Image code	Lbq__1352
Author	Denancé, Michel
Copyright	Denancé, Michel



Subject	The Observatory - An open air panoramic platform at 72 Level
Date	2013-01-01
Image code	Lbq__1363
Author	Meredith, Andrew
Copyright	RPBW - Renzo Piano Building Workshop Architects



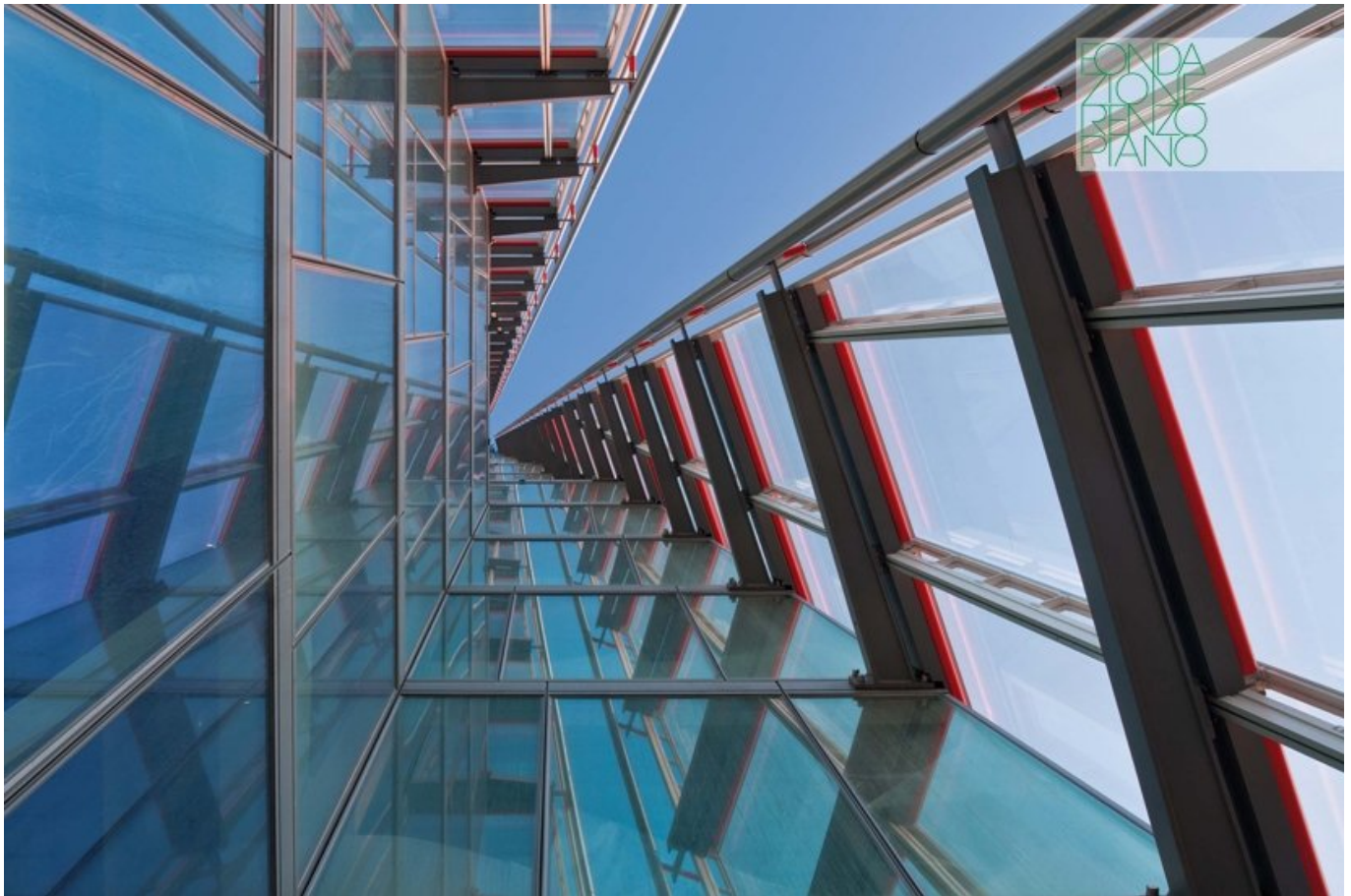
Subject	Assembly phase of the coating
Date	N/A
Image code	Lbq__461
Author	Lehoux, Nic
Copyright	RPBW - Renzo Piano Building Workshop Architects



Subject	The Shard under construction above the station
Date	N/A
Image code	Lbq__480
Author	Lehoux, Nic
Copyright	RPBW - Renzo Piano Building Workshop Architects



Subject	City view from the building under construction
Date	N/A
Image code	Lbq__500
Author	Lehoux, Nic
Copyright	RPBW - Renzo Piano Building Workshop Architects

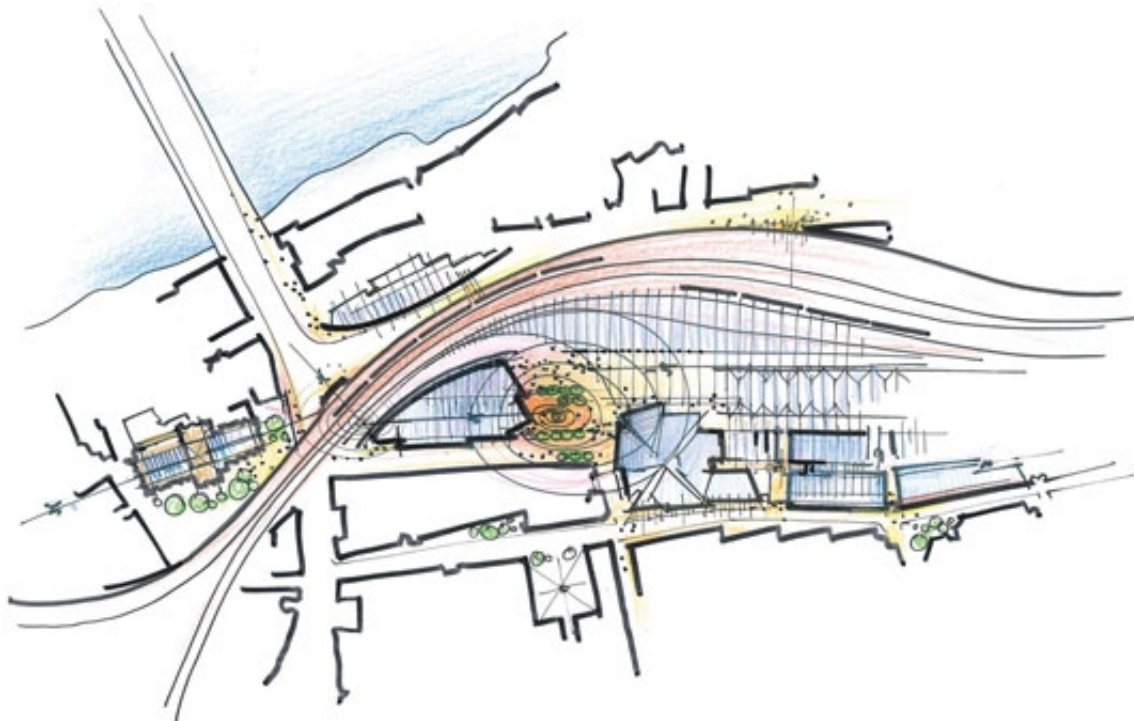


Subject	Detail of the internal structure
Date	N/A
Image code	Lbq__516
Author	Lehoux, Nic
Copyright	RPBW - Renzo Piano Building Workshop Architects

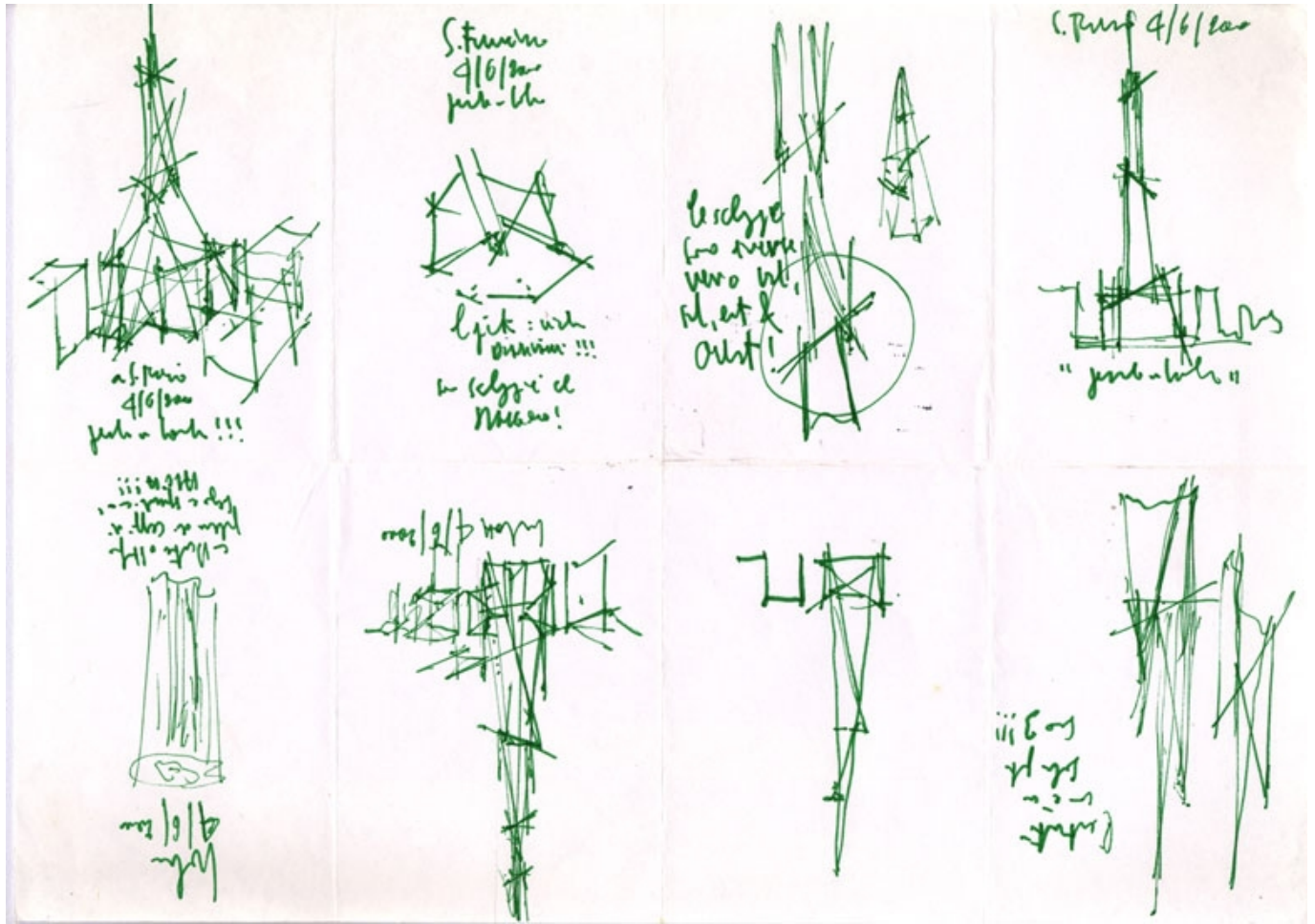


Subject	Evening view from the Millenium Bridge
Date	N/A
Image code	Lbq__564
Author	Marshall, Ben
Copyright	Marshall, Ben

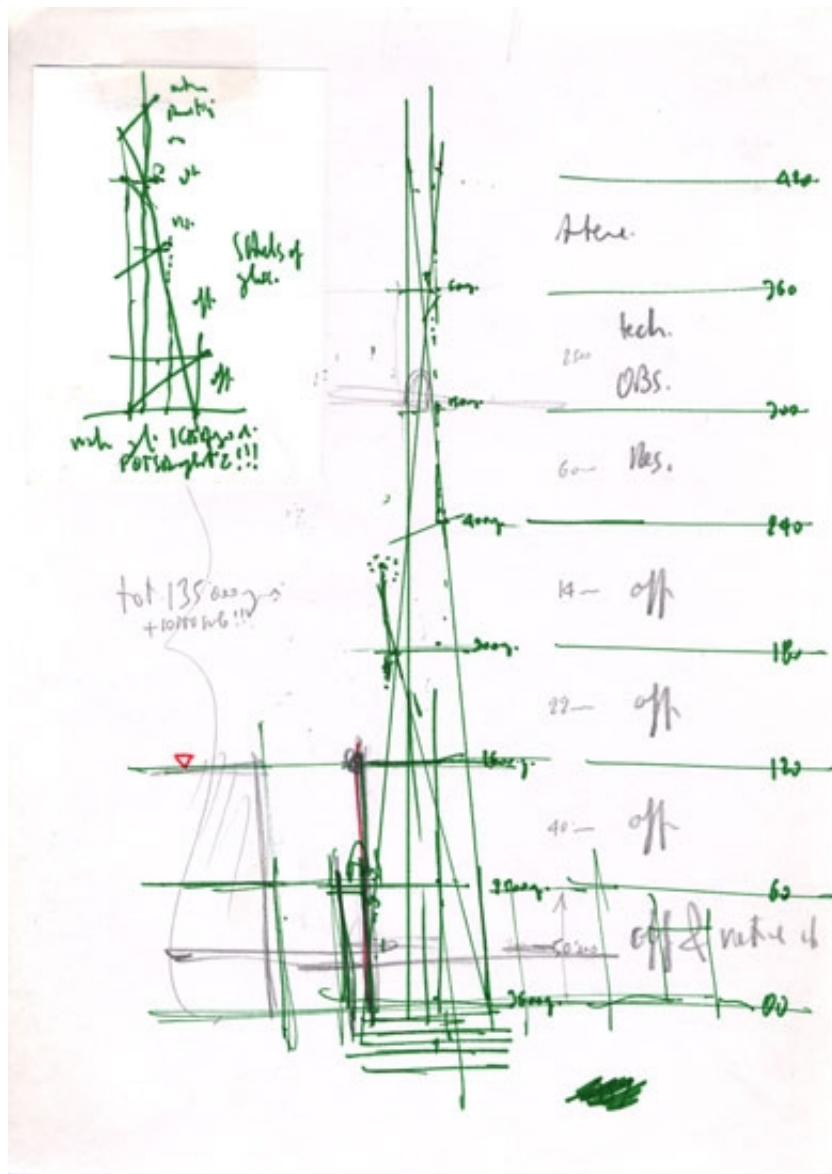
Disegni



Title	-
Scale	N/A
Date	-
Drawing number	-
Drawing code	lbq_416
Author	Renzo Piano Building Workshop/ Joost Moolhuijzen
Copyright	Renzo Piano Building Workshop



Title	-
Scale	-
Size	A4
Date	2000/06/01 assigned
Drawing number	-
Drawing code	lbt-rp_001
Author	Renzo Piano
Copyright	Renzo Piano



Title

-

Scale

-

Size

A4

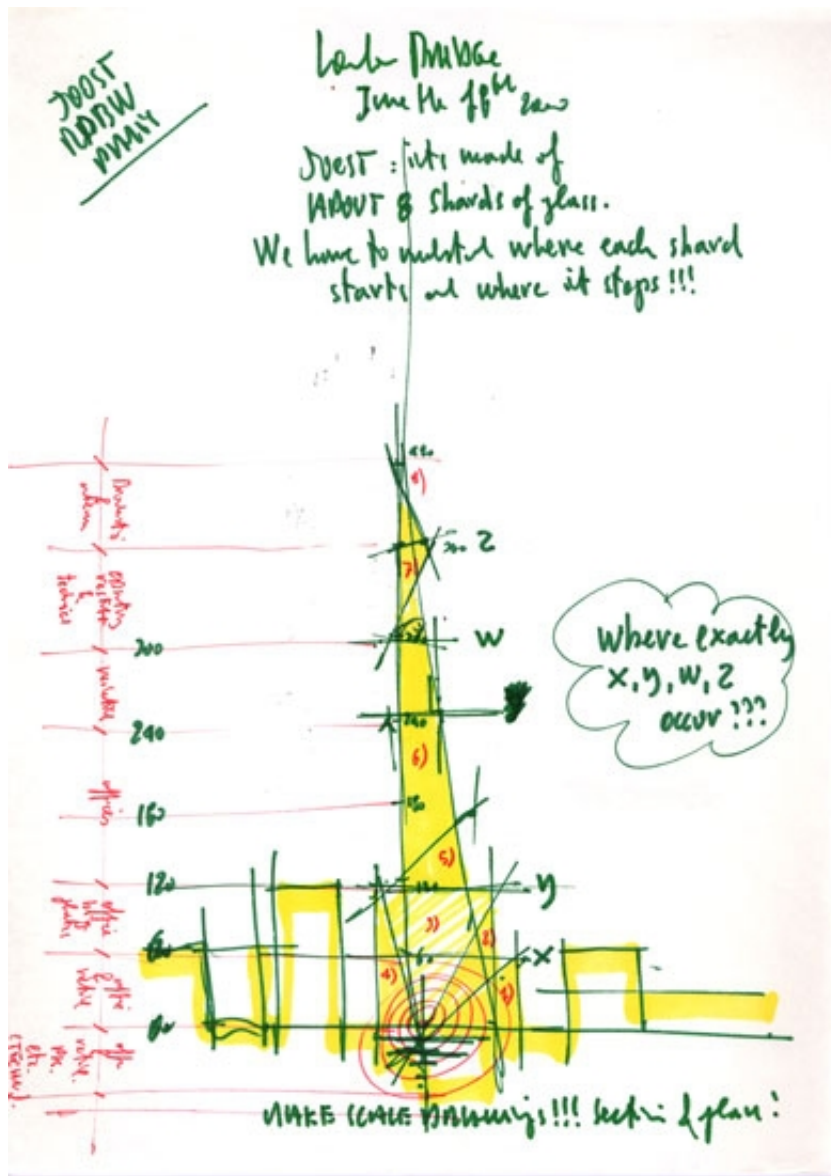
Date

2000/06/01 assigned

Drawing number

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Drawing code	lbt-rp_002
Author	Renzo Piano
Copyright	Renzo Piano



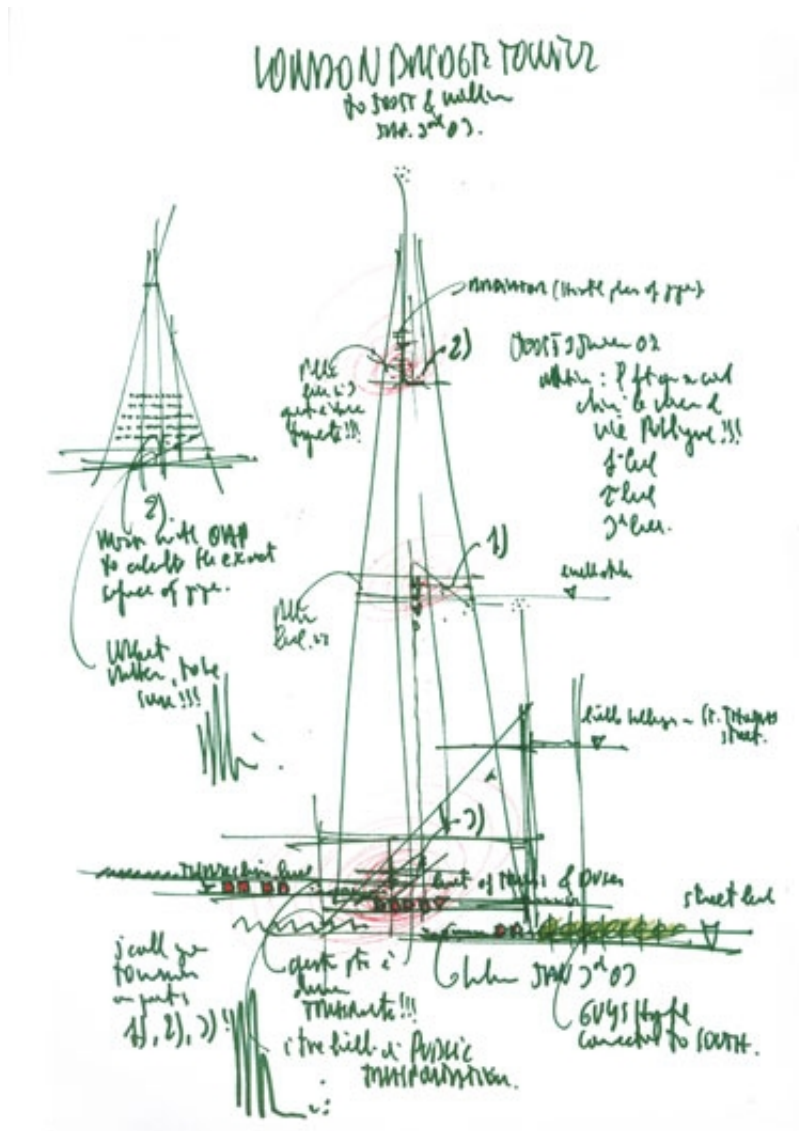
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Size	A4
Date	2000/06/18
Drawing number	-
Drawing code	lbt-rp_003

Author	Renzo Piano
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Copyright	Renzo Piano
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Author	Renzo Piano
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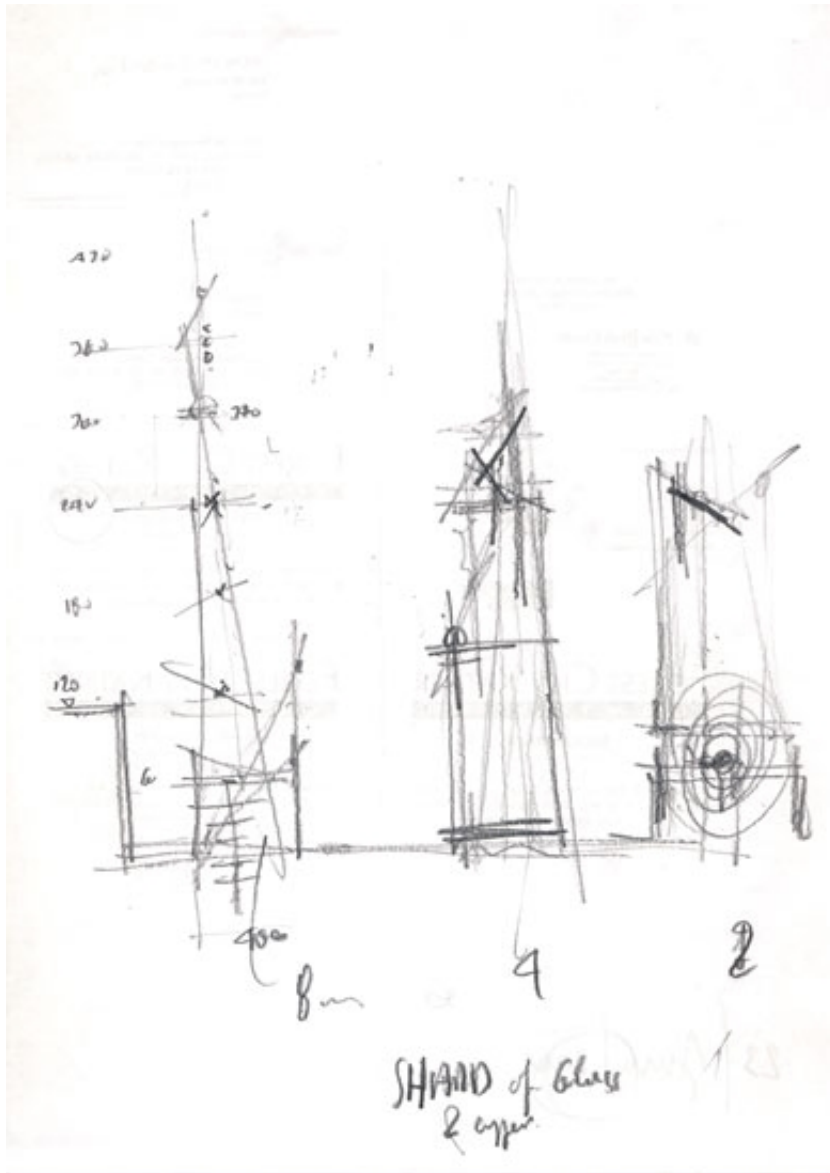
Copyright	Renzo Piano
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Title	London Bridge Tower to Joost & William
Scale	-
Size	A4
Date	2003/01/03
Drawing number	-
Drawing code	lbt-rp_084

Author	Renzo Piano
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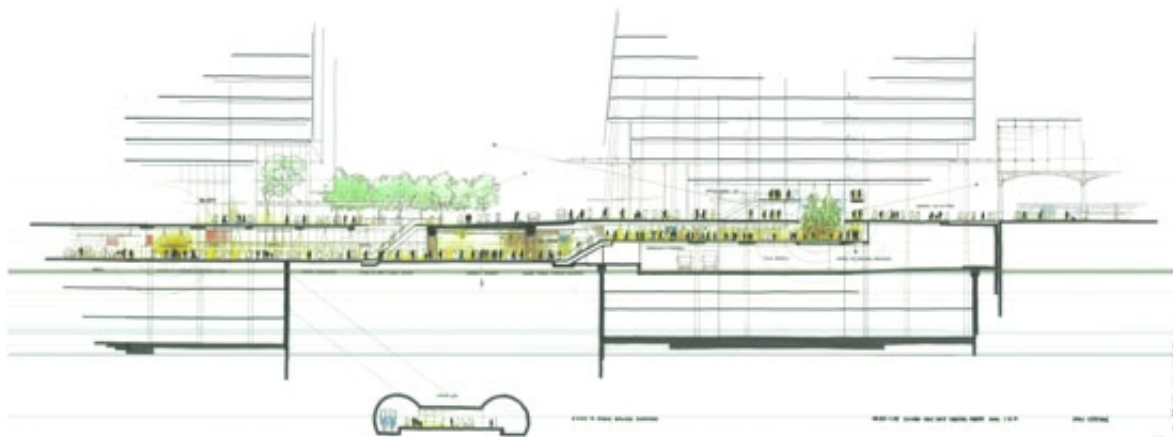
Copyright	Renzo Piano
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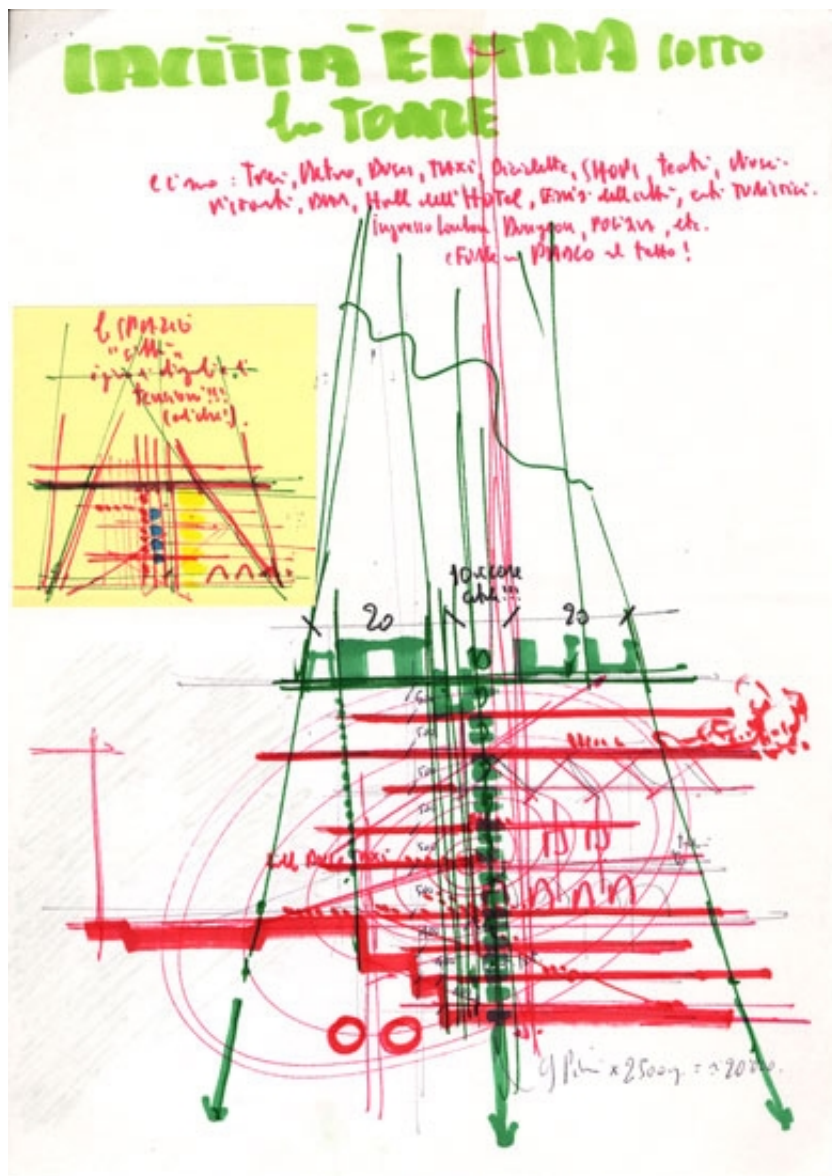
Title	Shard of glass & copper
Scale	-
Size	A4
Date	2000/06/01 assigned
Drawing number	-
Drawing code	lbt-rp_009

Author	Renzo Piano
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Copyright	Renzo Piano
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Title	Section East -West, looking North
Scale	N/A
Size	91 x 200 cm cm
Date	2006/11/22
Drawing number	-
Drawing code	LBT_E_004
Author	Renzo Piano Building Workshop/ Joost Moolhuijzen
Copyright	Renzo Piano Building Workshop

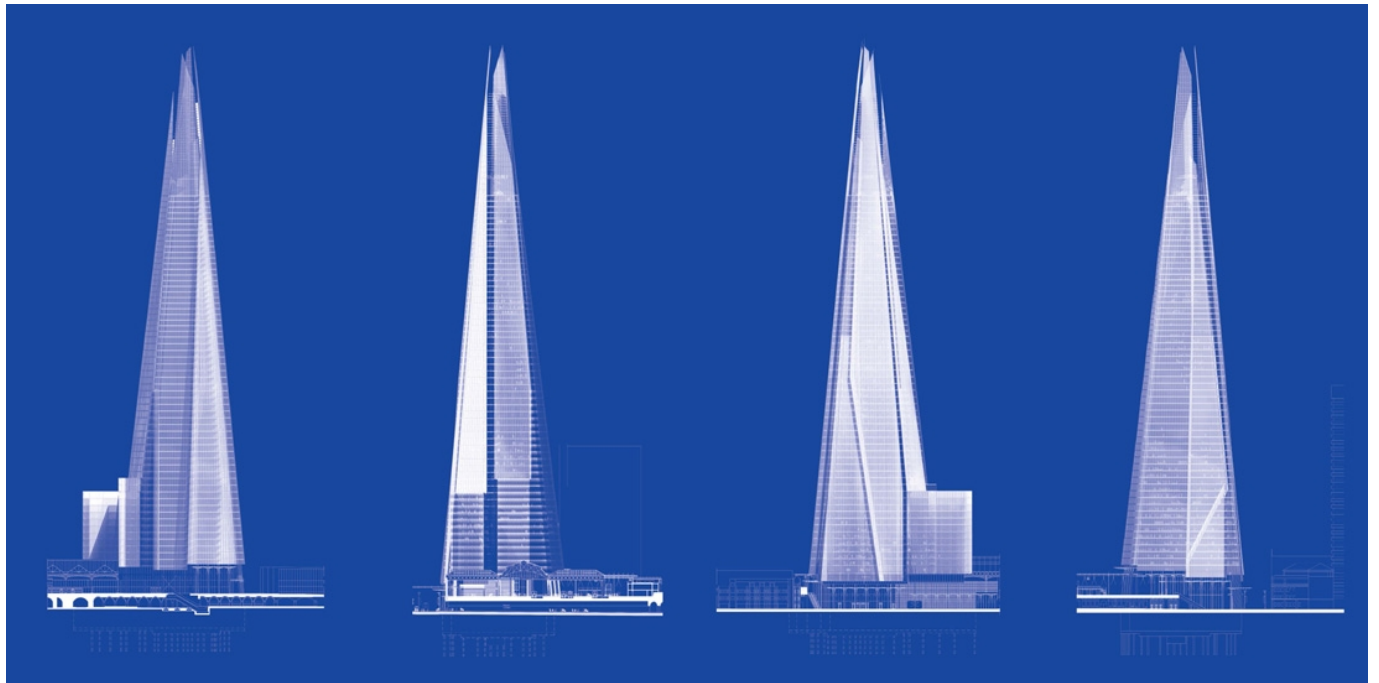


Title	La città entra sotto la torre
Scale	N/A
Size	A4
Date	2003/02/01
Drawing number	-

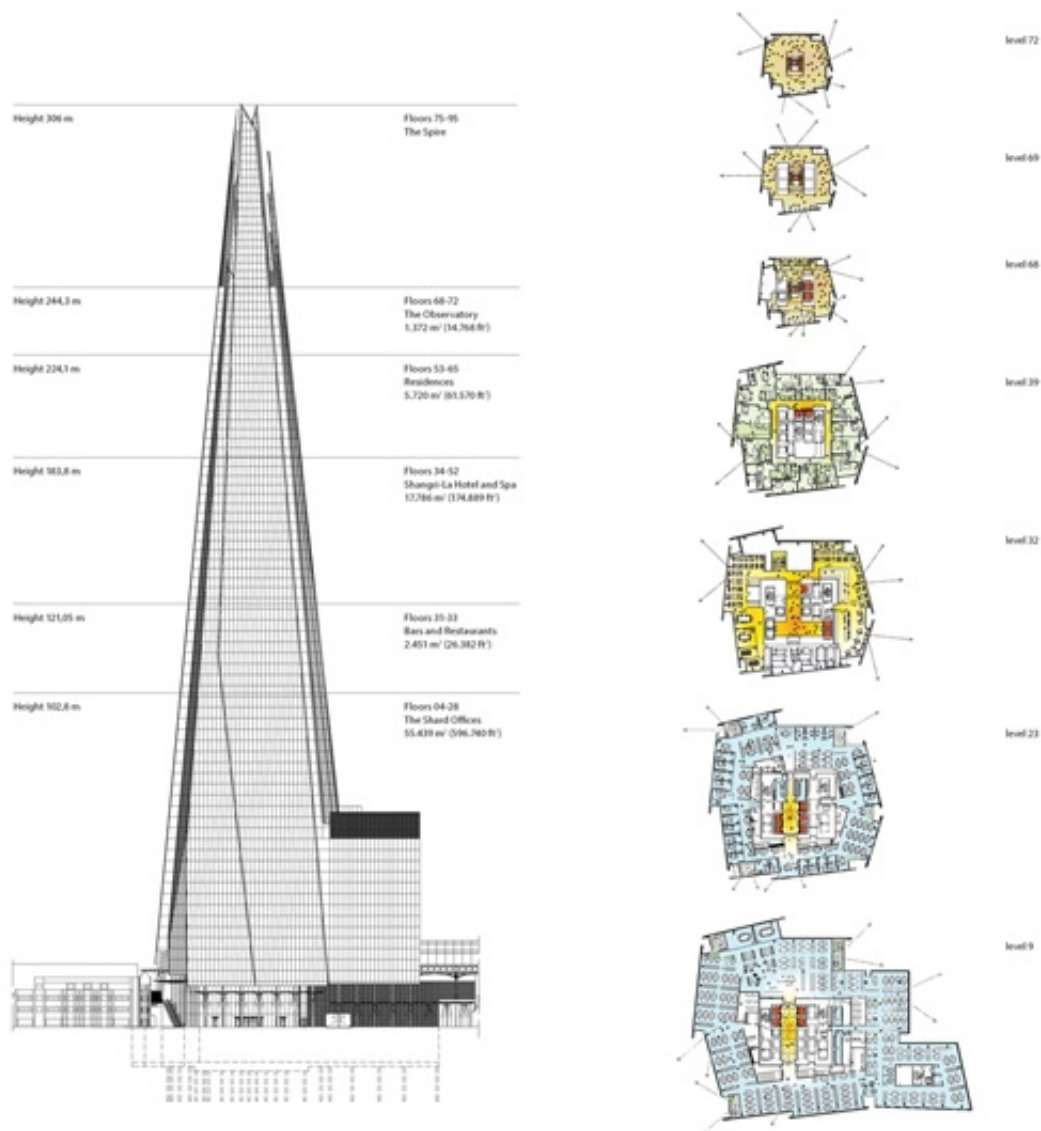
Drawing code	lbt-rp_087
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Author	Renzo Piano
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Copyright	Renzo Piano Building Workshop
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Title	Elevations
Scale	-
Size	56x28cm
Date	2012/06/29
Drawing number	-
Drawing code	LBT_DW_012
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



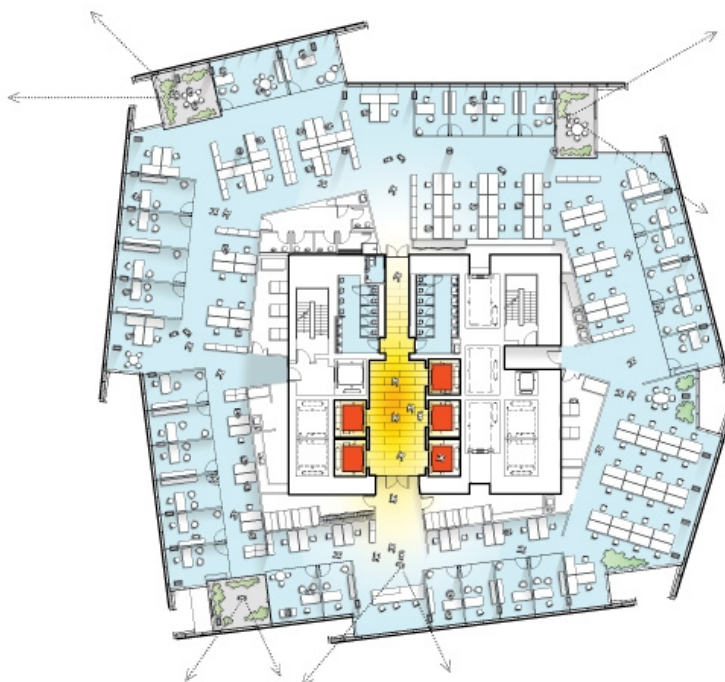
Title	Plans and South Elevation
Scale	-
Size	28x28cm
Date	2012/06/29
Drawing number	-
Drawing code	LBT_DW_011

Author	Renzo Piano Building Workshop
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Copyright	Renzo Piano Building Workshop
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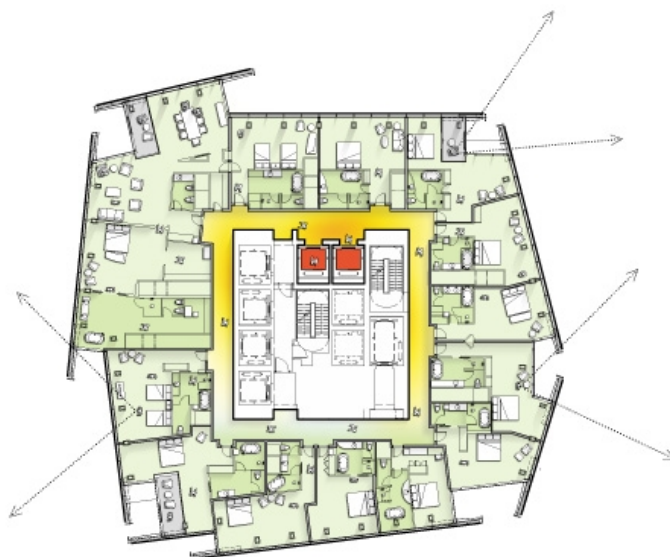
Title	Plan level 9
Scale	1:100
Size	A0
Date	2012/06/29
Drawing number	-
Drawing code	LBT_DW_003
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



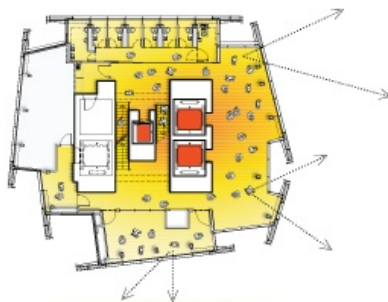
Title	Plan level 23
Scale	1:100
Size	A0
Date	2012/06/29
Drawing number	-
Drawing code	LBT_DW_004
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



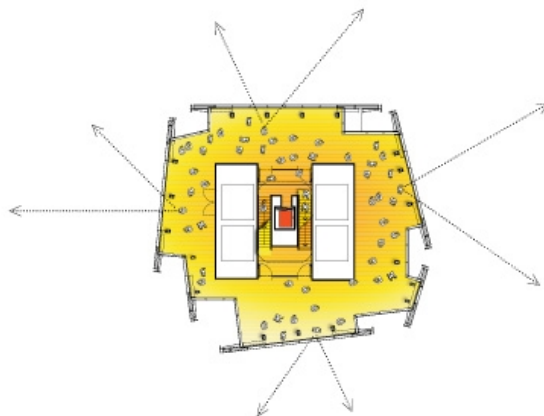
Title	Plan level 32
Scale	1:100
Size	A0
Date	2012/06/29
Drawing number	-
Drawing code	LBT_DW_005
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



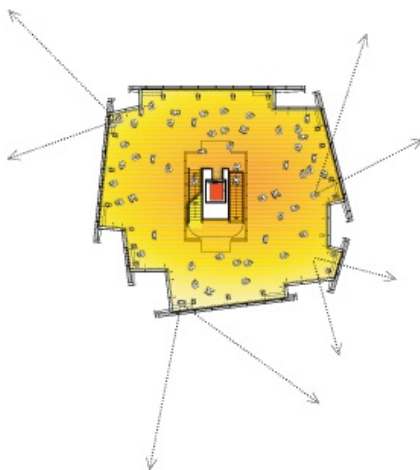
Title	Plan level 39
Scale	1:100
Size	A0
Date	2012/06/29
Drawing number	-
Drawing code	LBT_DW_006
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



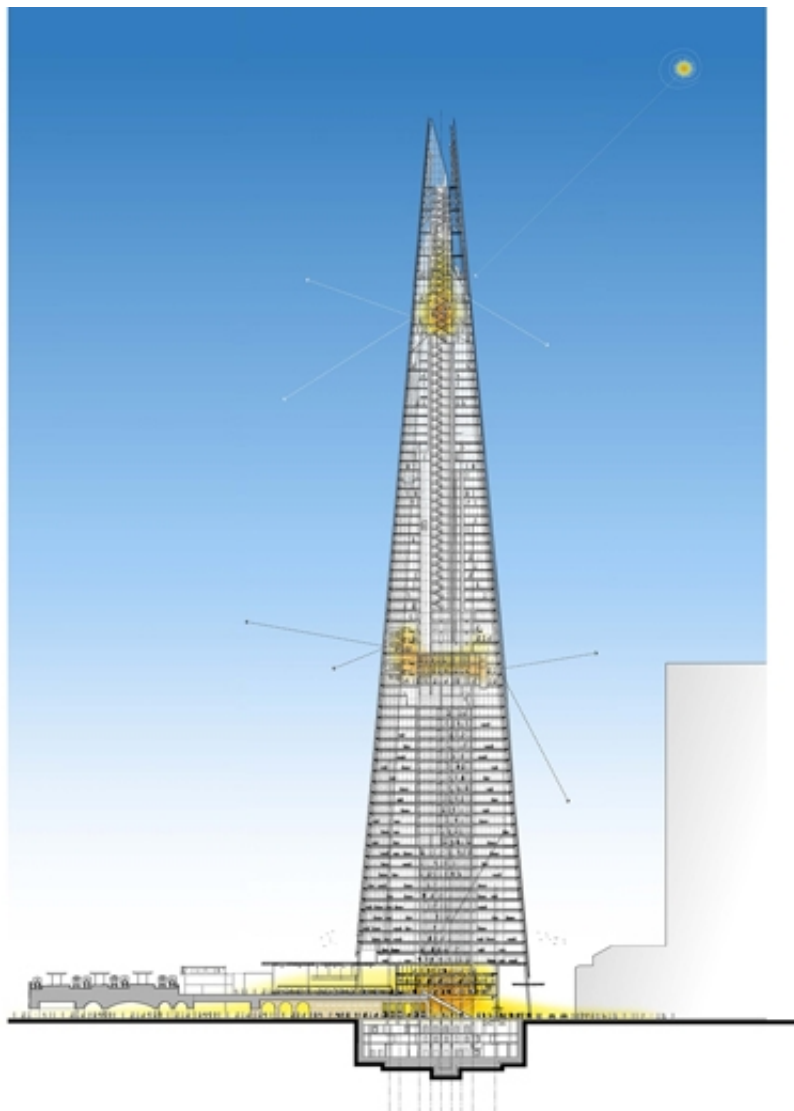
Title	Plan level 68
Scale	1:100
Size	A0
Date	2012/06/29
Drawing number	-
Drawing code	LBT_DW_007
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



Title	Plan level 69
Scale	1:100
Size	A0
Date	2012/06/29
Drawing number	-
Drawing code	LBT_DW_008
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop



Title	Plan level 72
Scale	1:100
Size	A0
Date	2012/06/29
Drawing number	-
Drawing code	LBT_DW_009
Author	Renzo Piano Building Workshop
Copyright	Renzo Piano Building Workshop

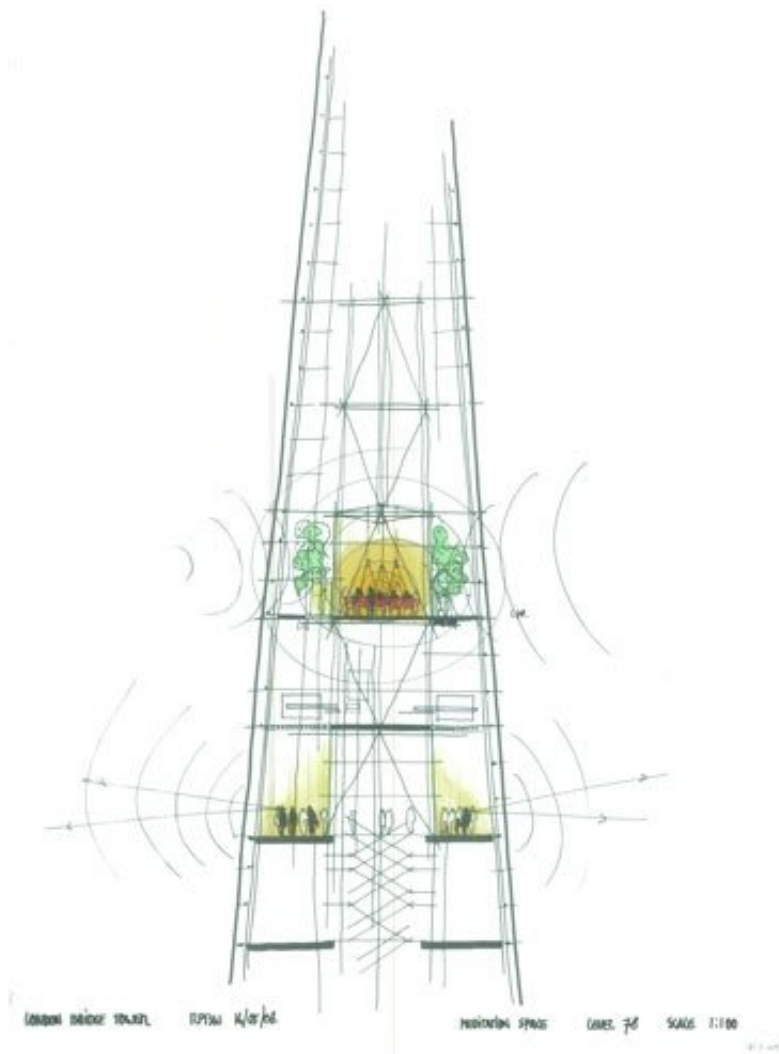


Title	Shard general section
Scale	NTS
Size	A3
Date	-
Drawing number	-
Drawing code	LBT_DW_001

Author	Renzo Piano Building Workshop
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Copyright	Renzo Piano Building Workshop
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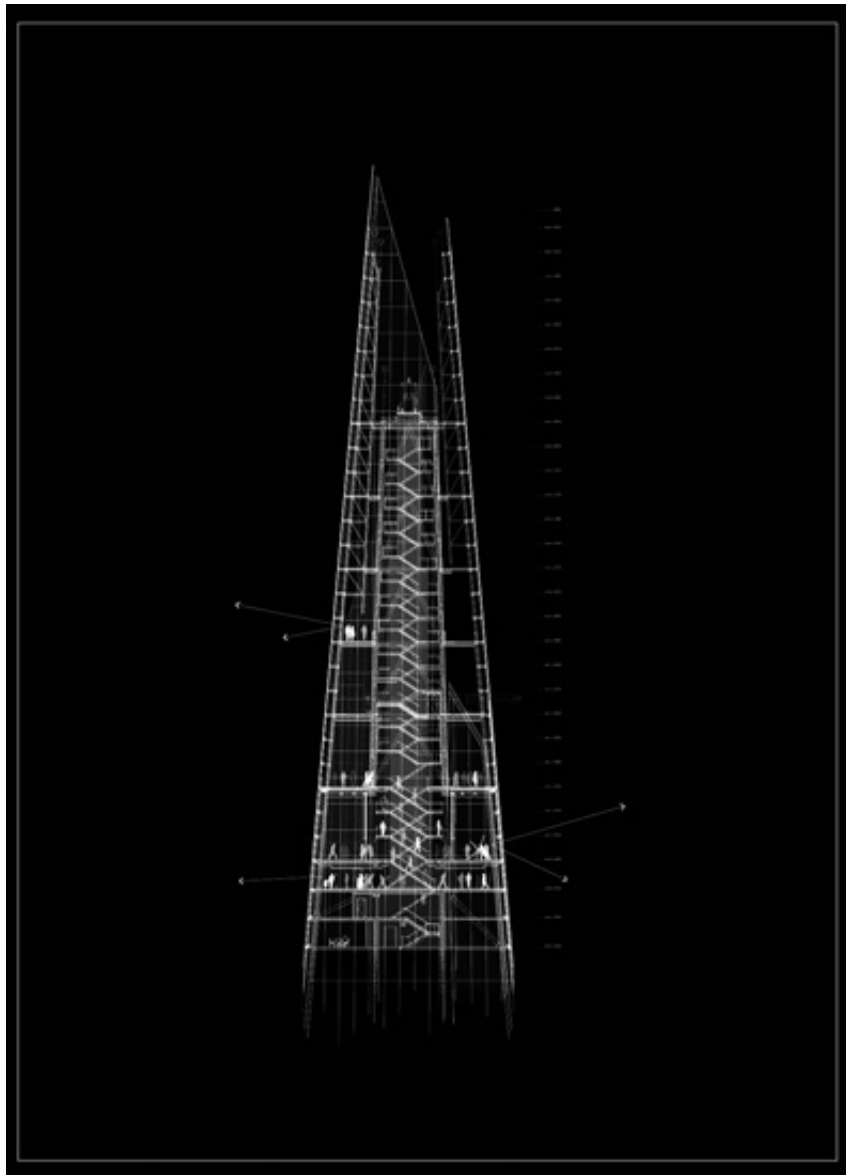
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| | |
|----------------|---------------------------|
| Title | Meditation place-level 78 |
| Scale | 1:100 |
| Size | A2 |
| Date | 2008/05/14 |
| Drawing number | - |
| Drawing code | LBT_E_009 |

| | |
|--------|--|
| Author | Renzo Piano Building Workshop/ Joost Moolhuijzen |
|--------|--|

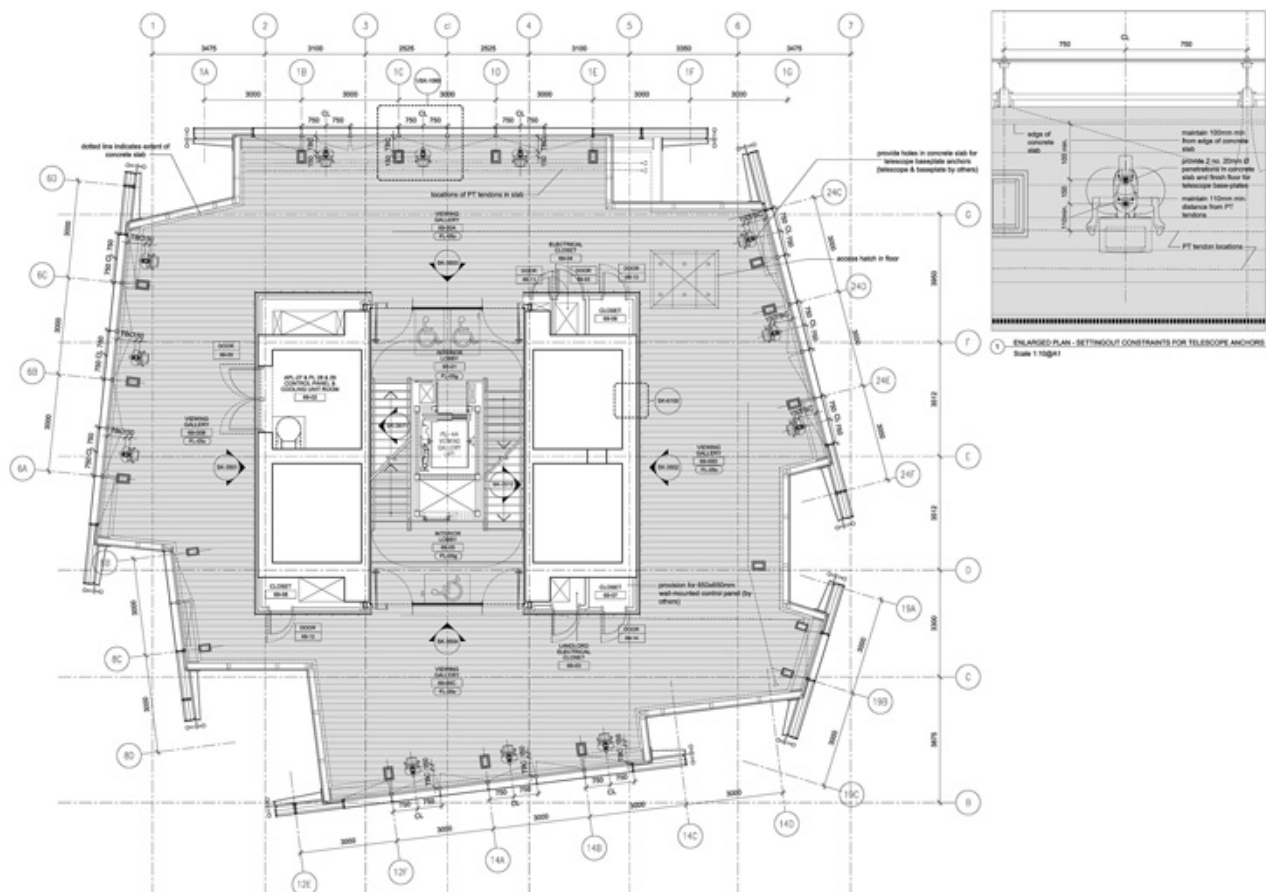
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| | |
|----------------|--------------------|
| Title | Top detail section |
| Scale | - |
| Size | A2 |
| Date | 2012/06/29 |
| Drawing number | - |
| Drawing code | LBT_DW_010 |

| | |
|--------|-------------------------------|
| Author | Renzo Piano Building Workshop |
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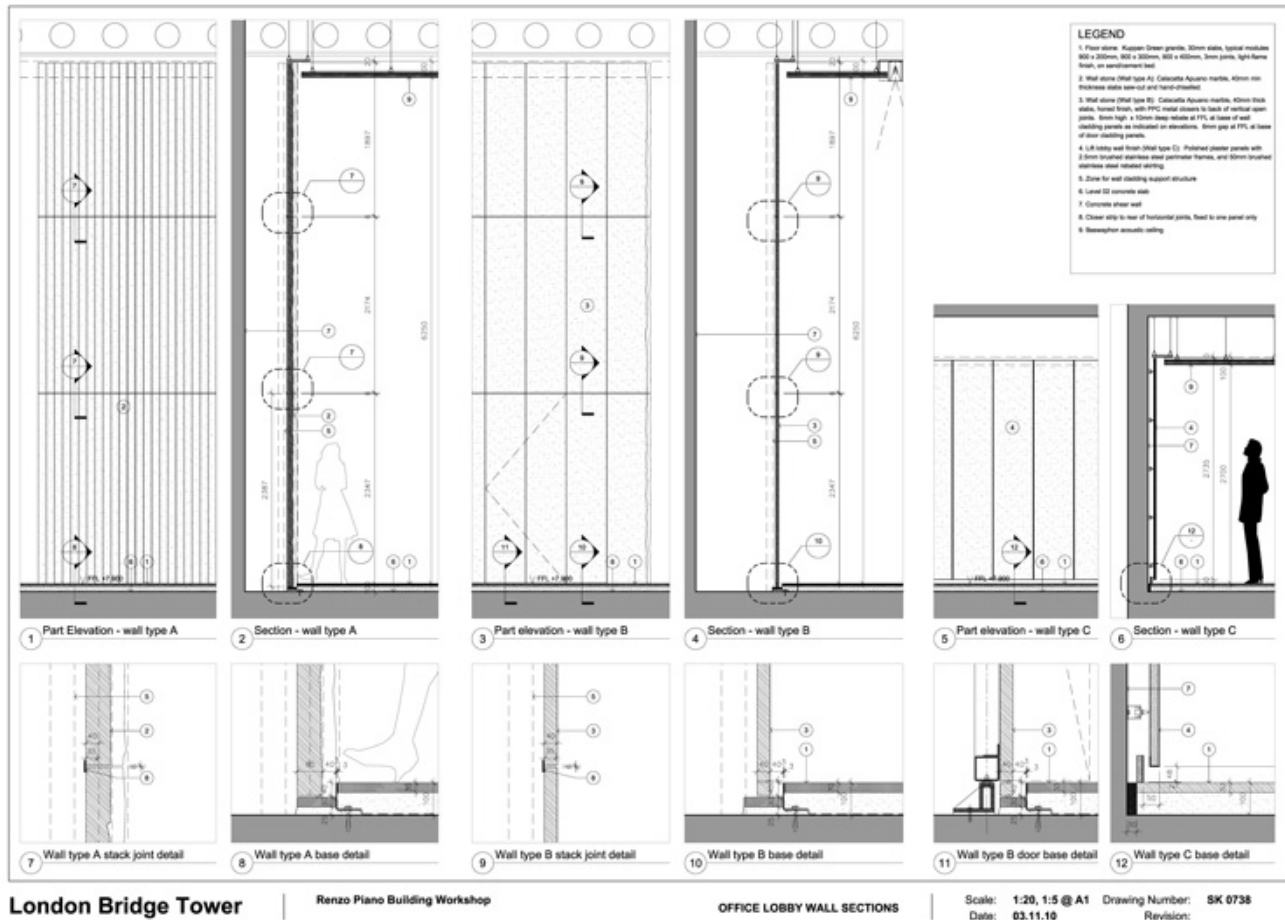


The Shard | Viewing Gallery | Level 69 Plan

STAGE E | RPBW

Scale 1:50@A1 & 1:10@A1
Date 24.02.12Drawing Number: SK-1069
Revision: E

| | |
|----------------|---------------------------------|
| Title | Viewing Gallery - Level 69 Plan |
| Scale | 1:50 |
| Size | A1 |
| Date | 2012/02/24 |
| Drawing number | SK-1069 |
| Drawing code | LBT_DW_014 |
| Author | Renzo Piano Building Workshop |
| Copyright | Renzo Piano Building Workshop |



Title Office lobby wall sections

Scale 1:20

Size A1

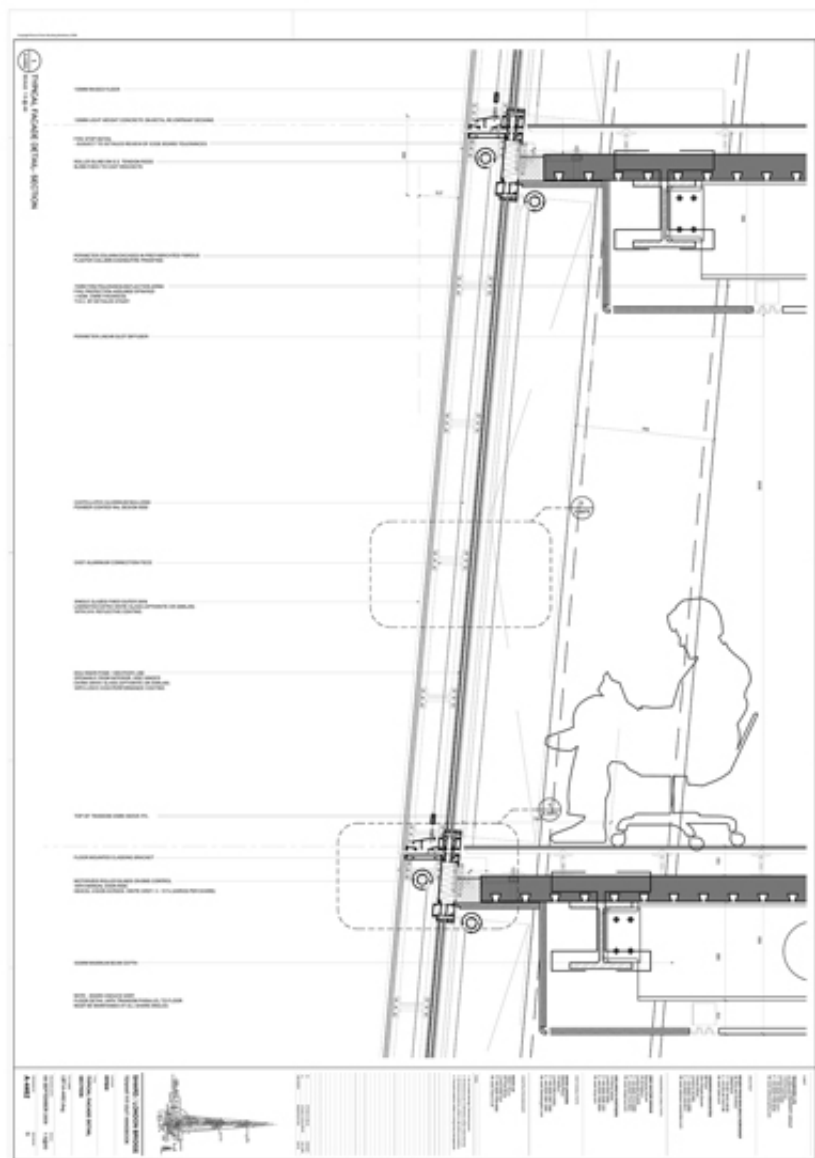
Date 2010/11/03

Drawing number SK 738

Drawing code LBT_DW_013

Author Renzo Piano Building Workshop

Copyright Renzo Piano Building Workshop



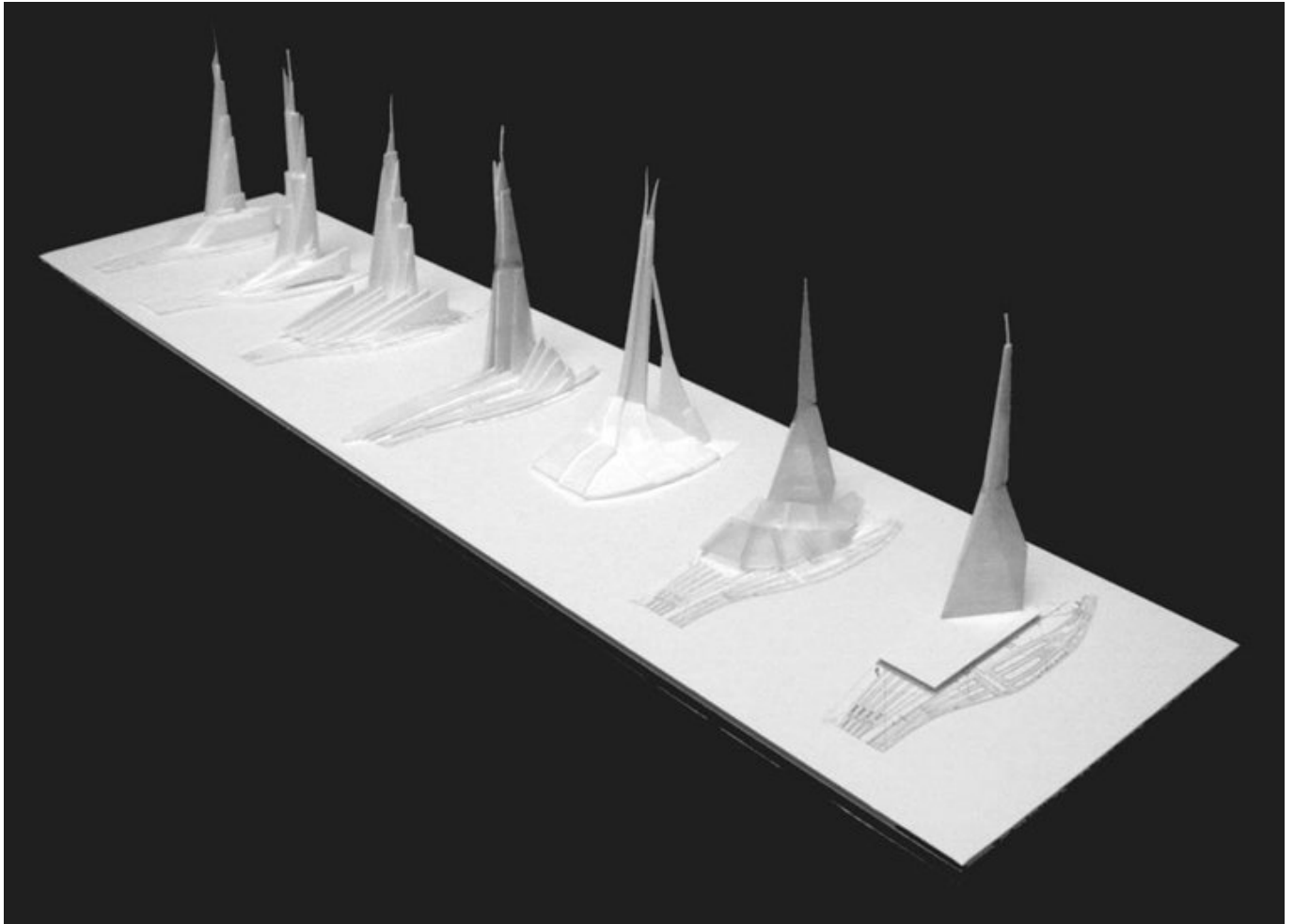
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|----------------|------------------------|
| Title | Typical facade section |
| Scale | 1:5 |
| Size | A0 |
| Date | 2009/09/08 |
| Drawing number | A-4462 |
| Drawing code | LBT_DW_002 |

| | |
|--------|-------------------------------|
| Author | Renzo Piano Building Workshop |
|--------|-------------------------------|

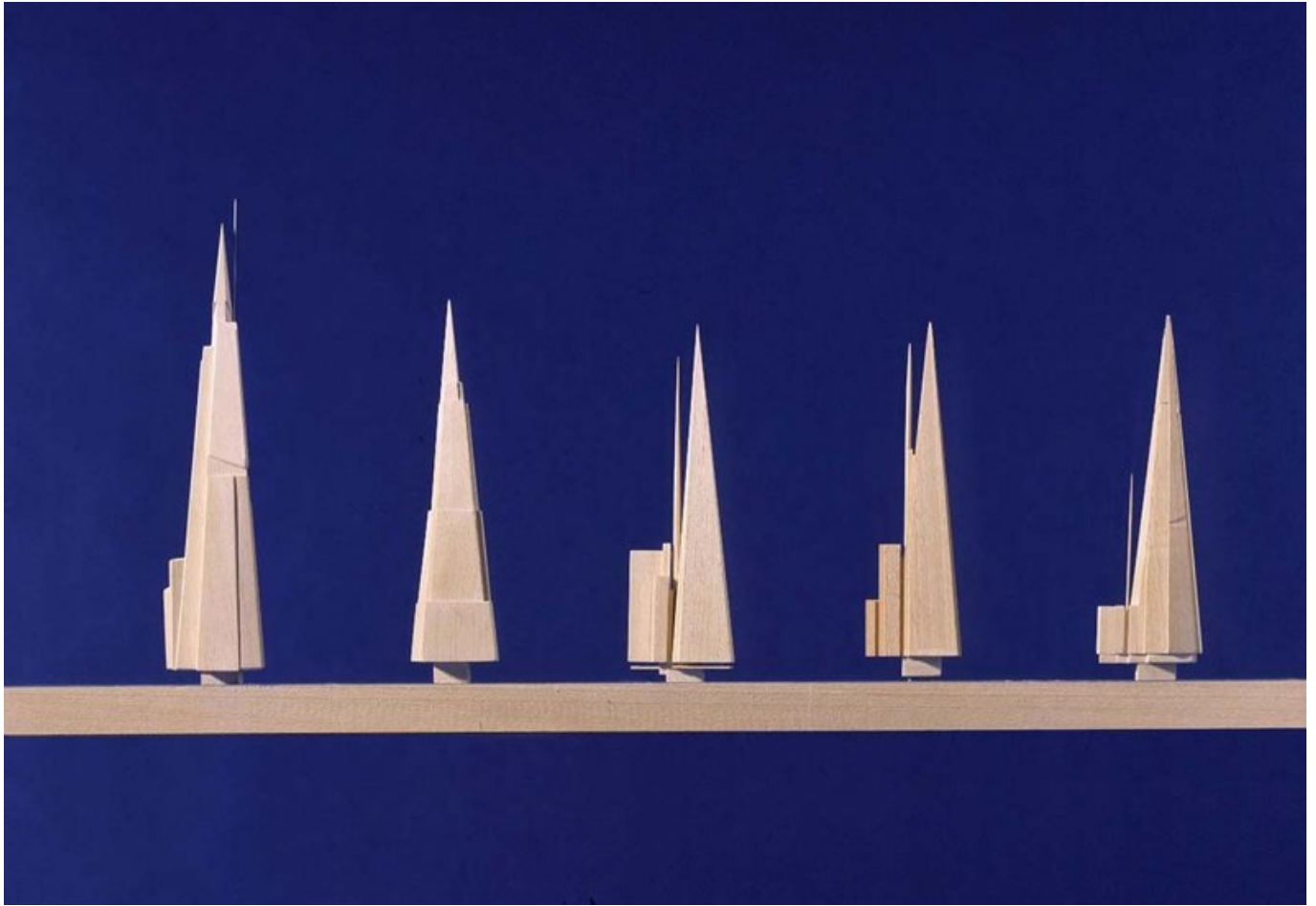
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| Copyright | Renzo Piano Building Workshop |
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Modelli

| | |
|--------------|---|
| Title | Site Area Micro Model - Public Inquiry |
| Date | 2000-09-01 |
| Model Code | LBT_MD_036_T2 |
| Scale | 1:5000 |
| Model Author | RPBW - Renzo Piano Building Workshop Architects |



| | |
|--------------|---|
| Title | Sushi Model |
| Date | 2000-09-01 |
| Model Code | LBT_MD_076_T |
| Scale | N/A |
| Model Author | RPBW - Renzo Piano Building Workshop Architects |



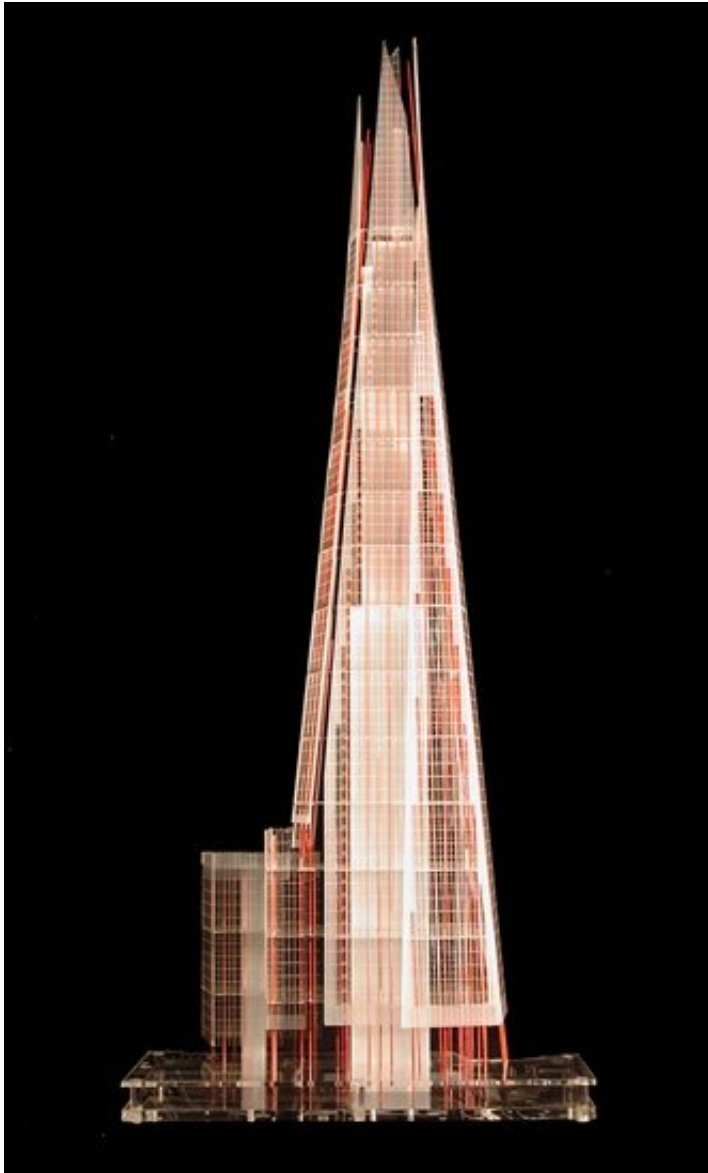
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|--------------|---|
| Title | Massing Study Model |
| Date | 2001-03-01 |
| Model Code | LBT_MD_042_F |
| Scale | 1:2000 |
| Model Author | RPBW - Renzo Piano Building Workshop Architects |



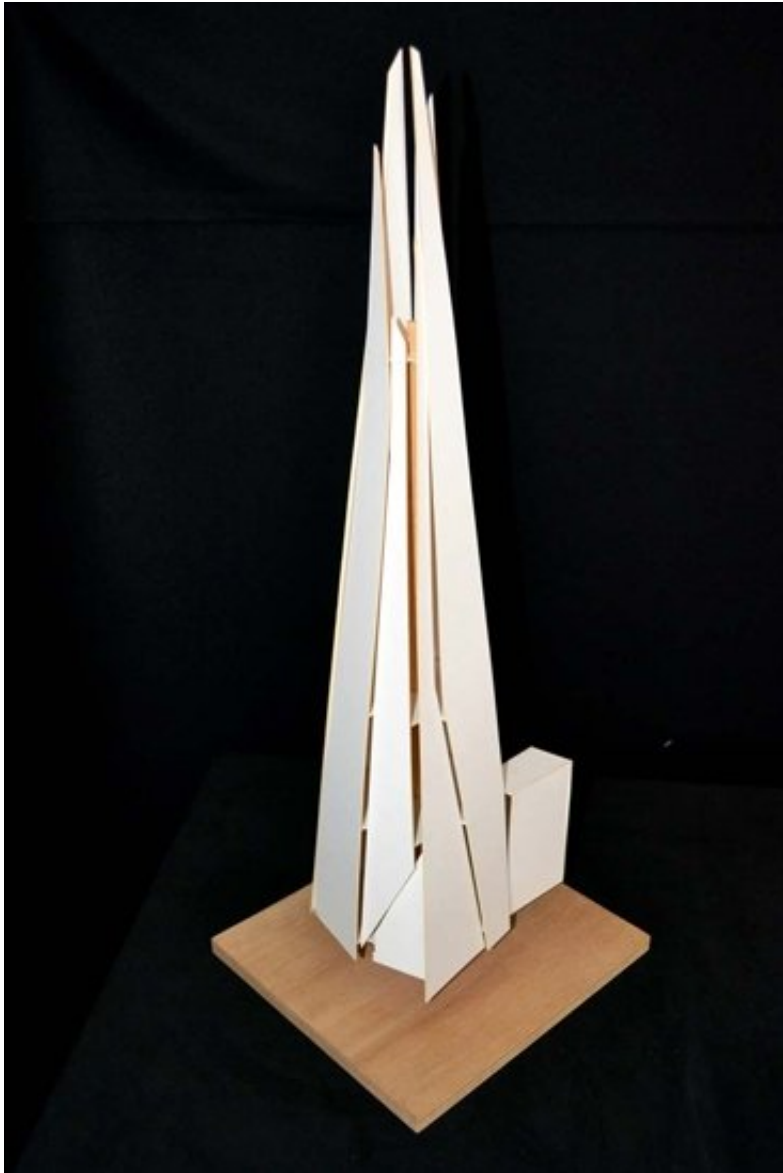
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|--------------|---|
| Title | Plexiglass Massing Model - Presentation Shard |
| Date | 2000-11-01 |
| Model Code | LBT_MD_006_F6 |
| Scale | 1:500 |
| Model Author | RPBW - Renzo Piano Building Workshop Architects |



| | |
|--------------|---|
| Title | Wooden Study Model |
| Date | 2007-01-01 |
| Model Code | LBT_MD_046_T |
| Scale | 1:1000 |
| Model Author | RPBW - Renzo Piano Building Workshop Architects |



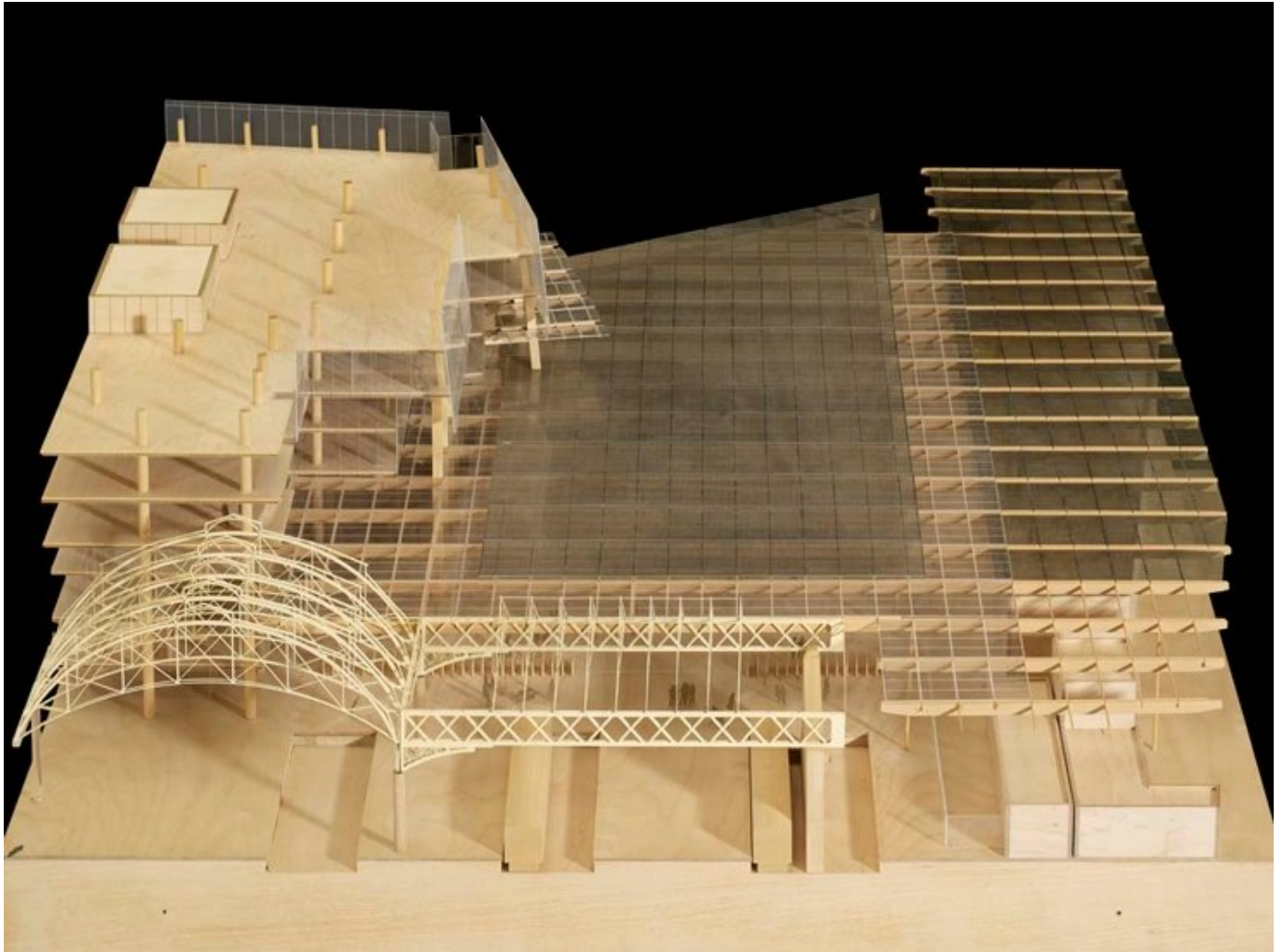
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|--------------|---|
| Title | Plexiglass Model |
| Date | 2006-10-10 |
| Model Code | LBT_MD_023_F3 |
| Scale | 1:300 |
| Model Author | RPBW - Renzo Piano Building Workshop Architects |



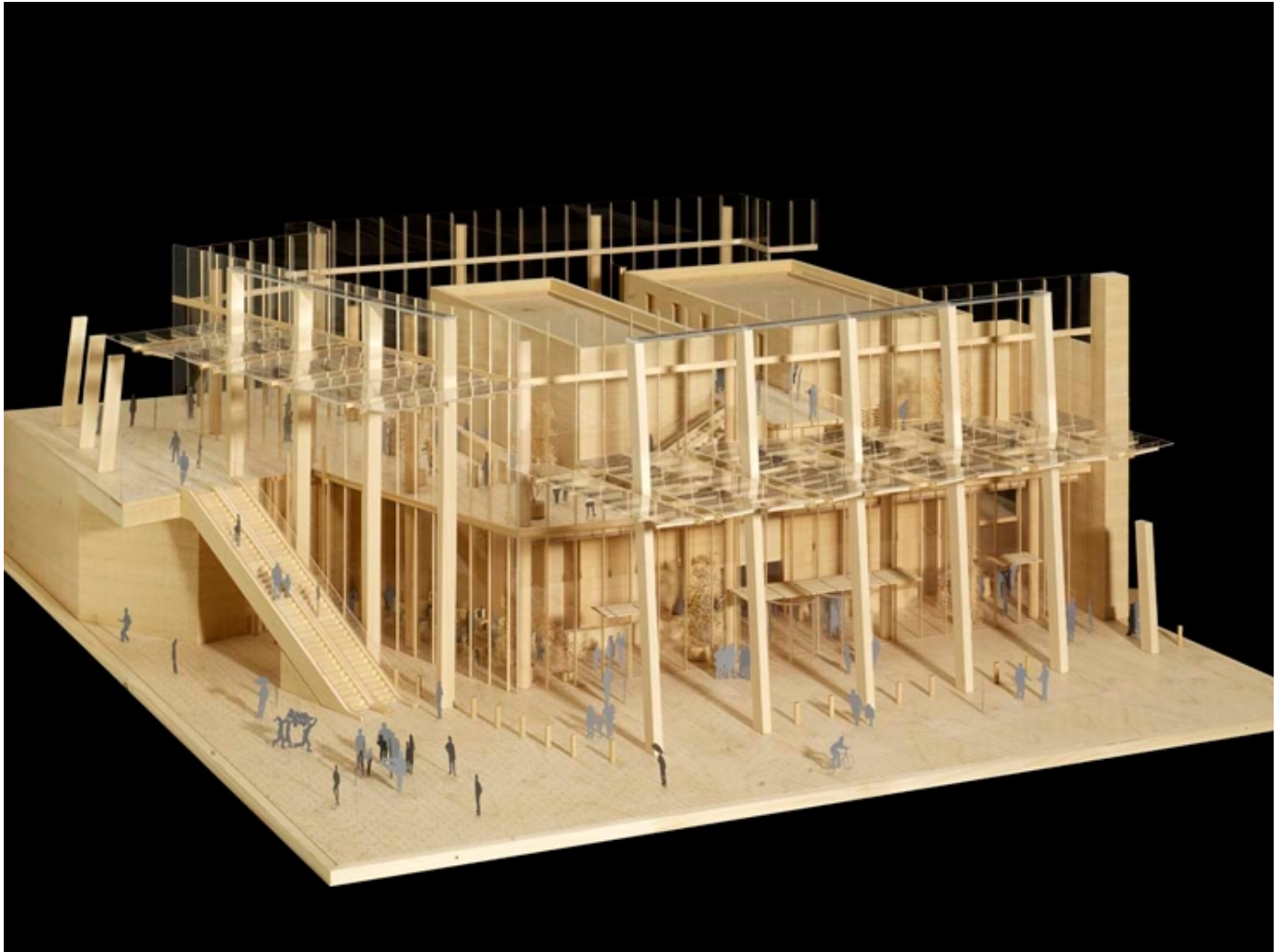
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| Title | Shard Presentation Model Series 02 |
| Date | 2012-06-01 |
| Model Code | LBT_MD_052_T2 |
| Scale | 1:500 |
| Model Author | RPBW - Renzo Piano Building Workshop Architects |



| | |
|--------------|---|
| Title | Presentation Model - Public Inquiry |
| Date | 2003-03-01 |
| Model Code | LBT_MD_035_F |
| Scale | 1:200 |
| Model Author | RPBW - Renzo Piano Building Workshop Architects |



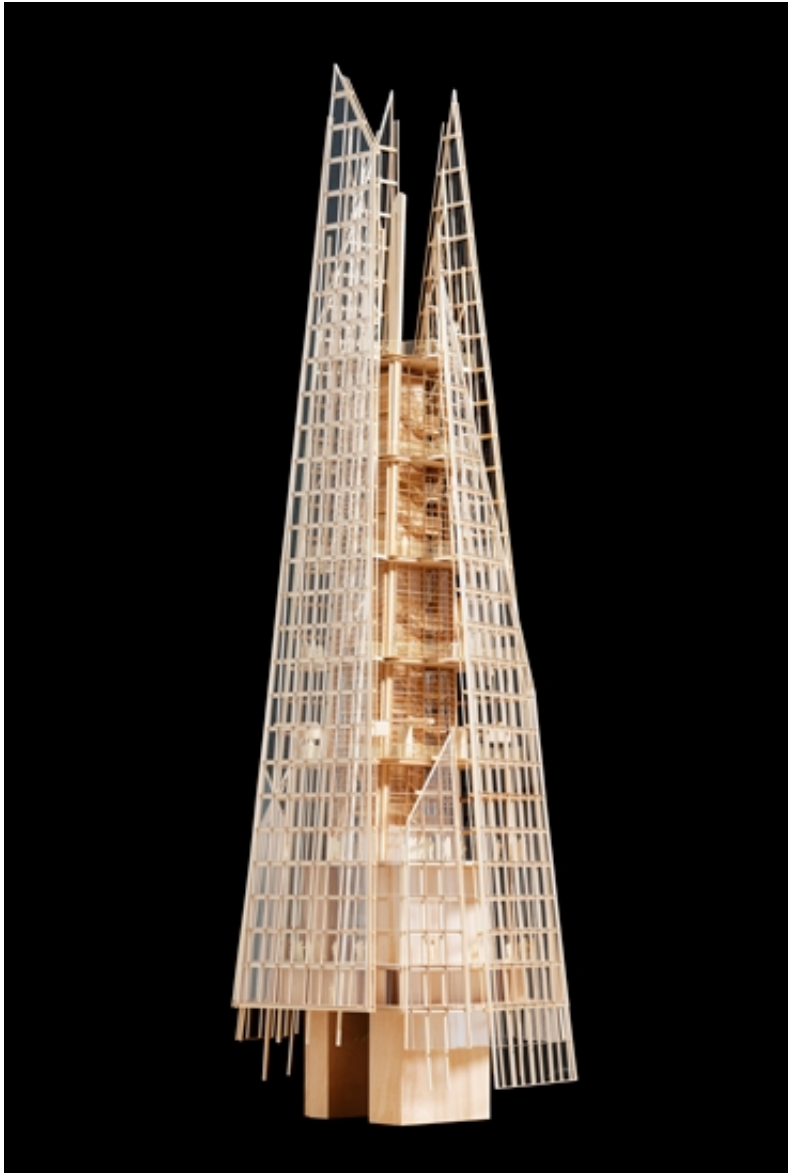
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|--------------|---|
| Title | Railway station model |
| Date | 2006-03-10 |
| Model Code | LBT_MD_061_T2 |
| Scale | 1:100 |
| Model Author | RPBW - Renzo Piano Building Workshop Architects |



| | |
|--------------|---|
| Title | Office Lobby Model |
| Date | 2008-04-30 |
| Model Code | LBT_MD_098_T3 |
| Scale | N/A |
| Model Author | RPBW - Renzo Piano Building Workshop Architects |



| | |
|--------------|---|
| Title | "Radiator" Study Model |
| Date | 2006-01-01 |
| Model Code | LBT_MD_016_T |
| Scale | 1:100 |
| Model Author | RPBW - Renzo Piano Building Workshop Architects |



| | |
|--------------|---|
| Title | Radiator - The Shard's spire |
| Date | 2011-08-01 |
| Model Code | LBT_MD_062_T1 |
| Scale | 1:50 |
| Model Author | RPBW - Renzo Piano Building Workshop Architects |



| | |
|--------------|---|
| Title | Wintergarden - Presentation Model |
| Date | 2008-04-30 |
| Model Code | LBT_MD_097_T1 |
| Scale | N/A |
| Model Author | RPBW - Renzo Piano Building Workshop Architects |



| | |
|--------------|---|
| Title | Wing Wall Model |
| Date | 2008-01-01 |
| Model Code | LBT_MD_058_T2 |
| Scale | 1:5 |
| Model Author | RPBW - Renzo Piano Building Workshop Architects |



| | |
|--------------|---|
| Title | Radiator - Detail Study |
| Date | 2007-01-01 |
| Model Code | LBT_MD_012_T1 |
| Scale | 1:10 |
| Model Author | RPBW - Renzo Piano Building Workshop Architects |

