

STEVEN HOLL

Architecture Spoken

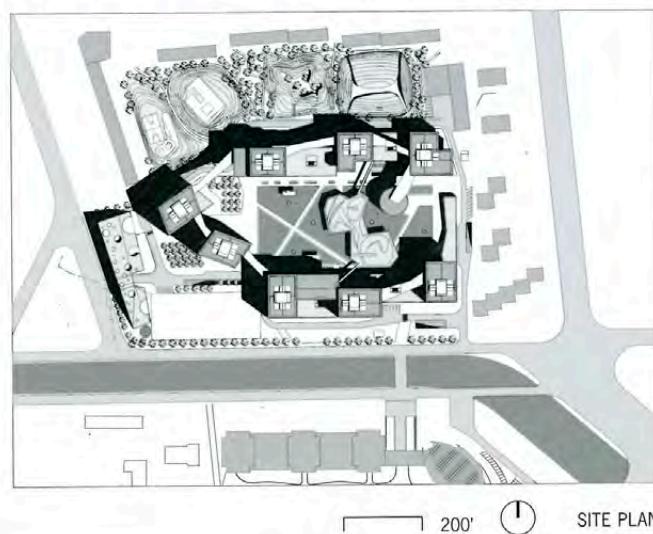


RIZZOLI
NEW YORK

LINKED HYBRID

Beijing, China

2003–

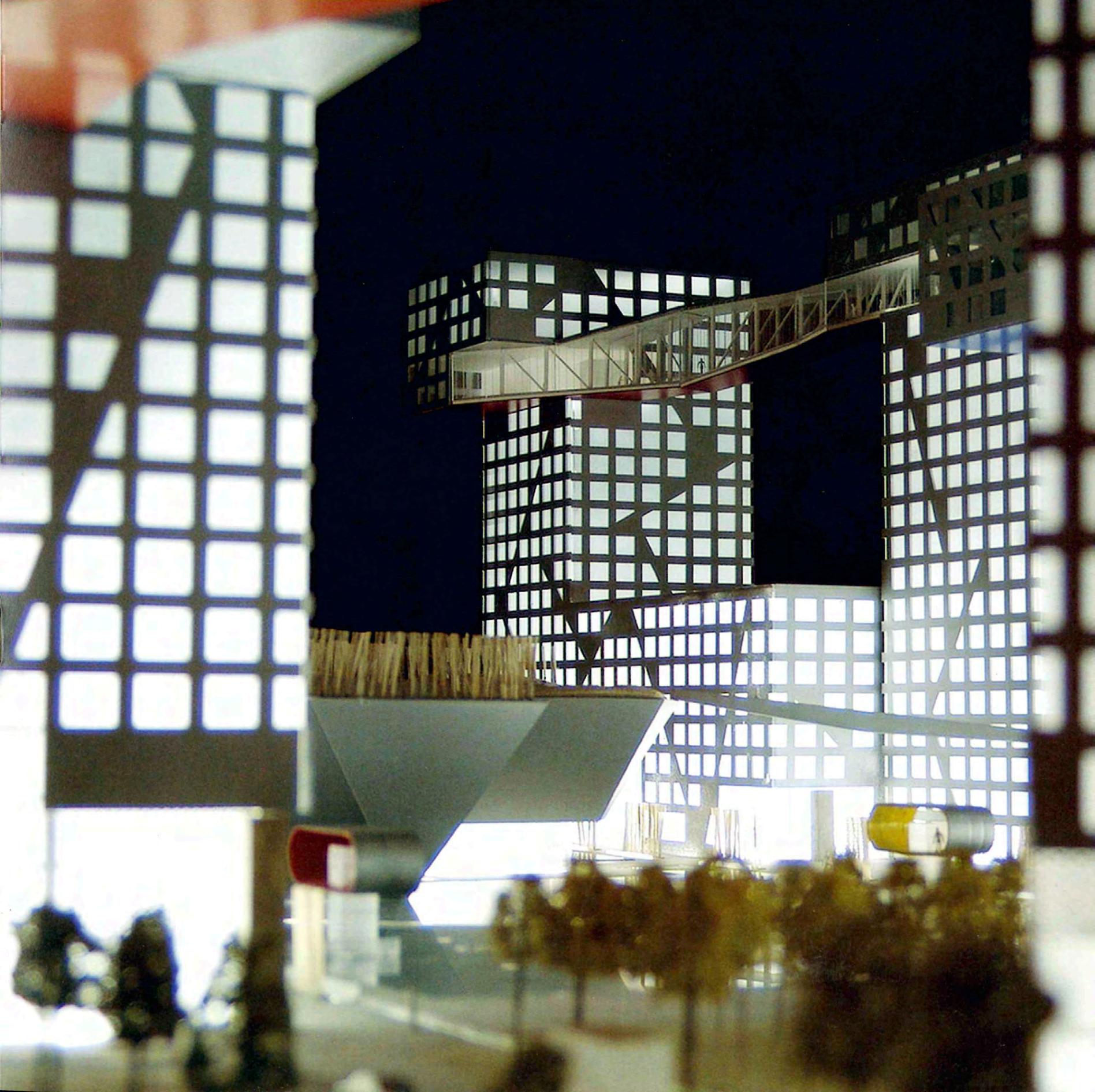


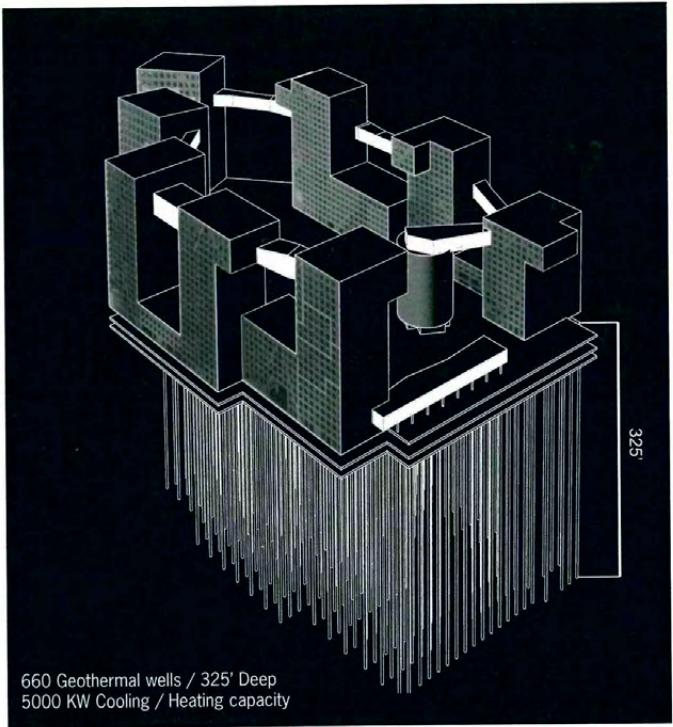
Current development in Beijing is almost entirely focused on “object buildings” and freestanding towers. But the aspiration of the developer of Linked Hybrid was for an ultramodern expression of 21st-century ecological urban living in this 200,000-square-meter (roughly 2.15 million-square-foot) complex. For this project, urban space is envisioned as city within a city with all the activities and programs that can support the daily life of more than 2,500 inhabitants: cafés, delis, laundry, dry cleaners, and florists. The eight towers are linked at the 20th floor by a ring of cafés and services.

With more than 700 apartments sited adjacent to the old city wall of Beijing, Linked Hybrid is concerned with filmic urban space around, over, and through multifaceted spatial layers. Focused on the experience of the body passing through spaces, the towers are organized according to movement, timing, and sequence, generating random citylike relationships.

The polychrome architecture of ancient China inspires a new phenomenal dimension that especially inscribes the spatiality of the night. The undersides of the cantilevered portions are colored membranes that glow in the light of the night. Misting fountains from the water retention basin activate this light in colorful clouds, while the floating cineplex centerpiece has partial images of its ongoing films projected on its undersides and reflected in the water.

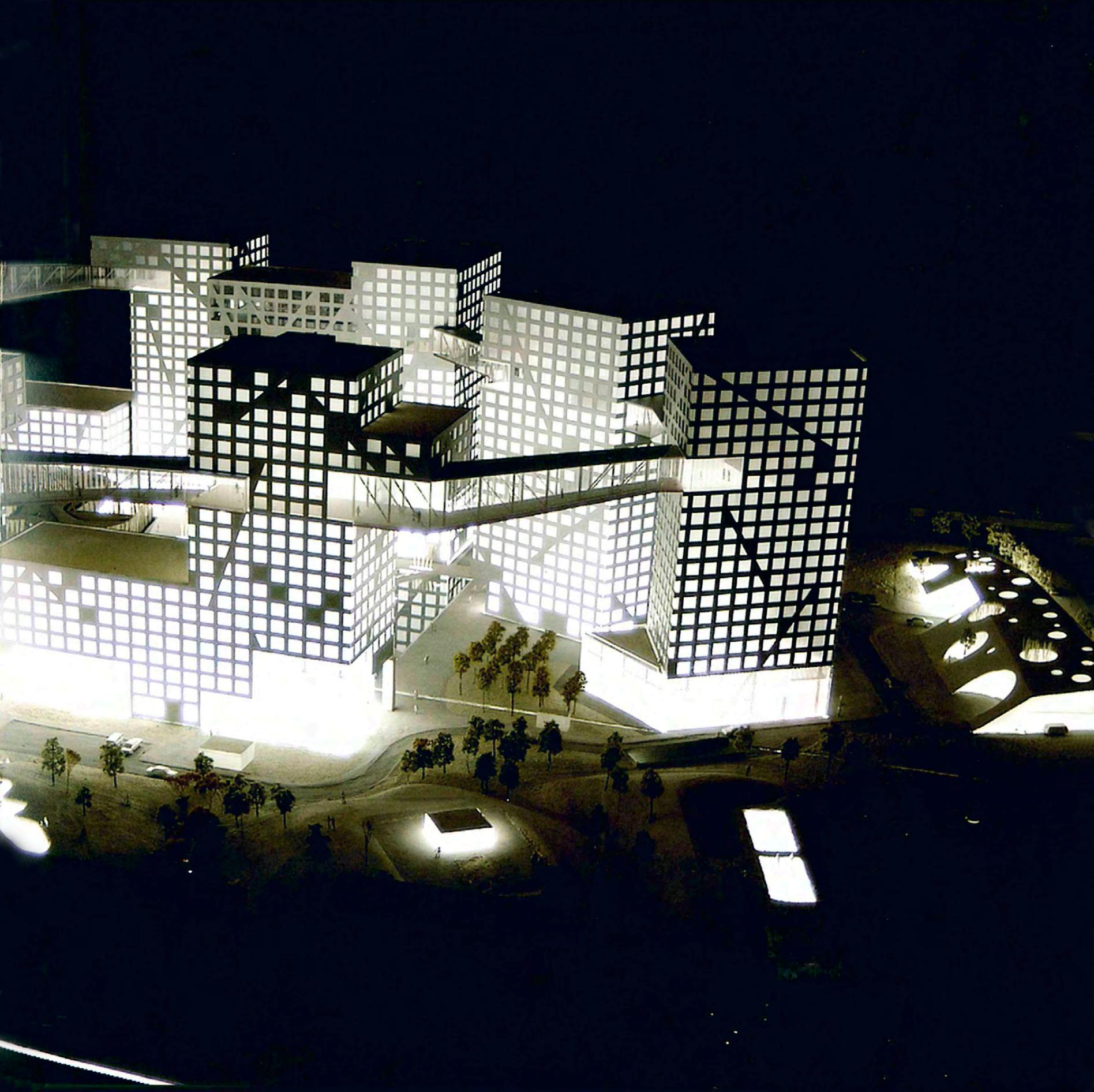
Feng Shui principles employed throughout the project provide special aspects such as “beamless” ceilings. Each apartment has two exposures with no interior hallways.

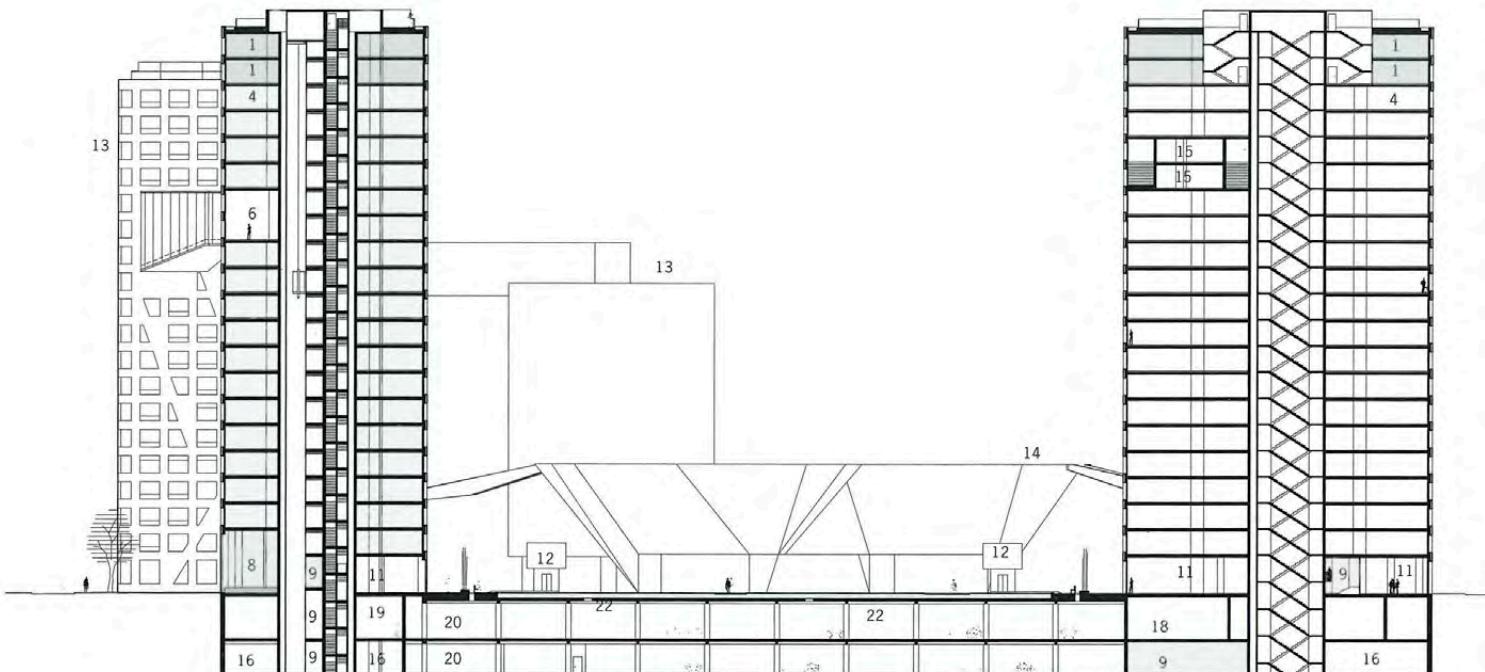




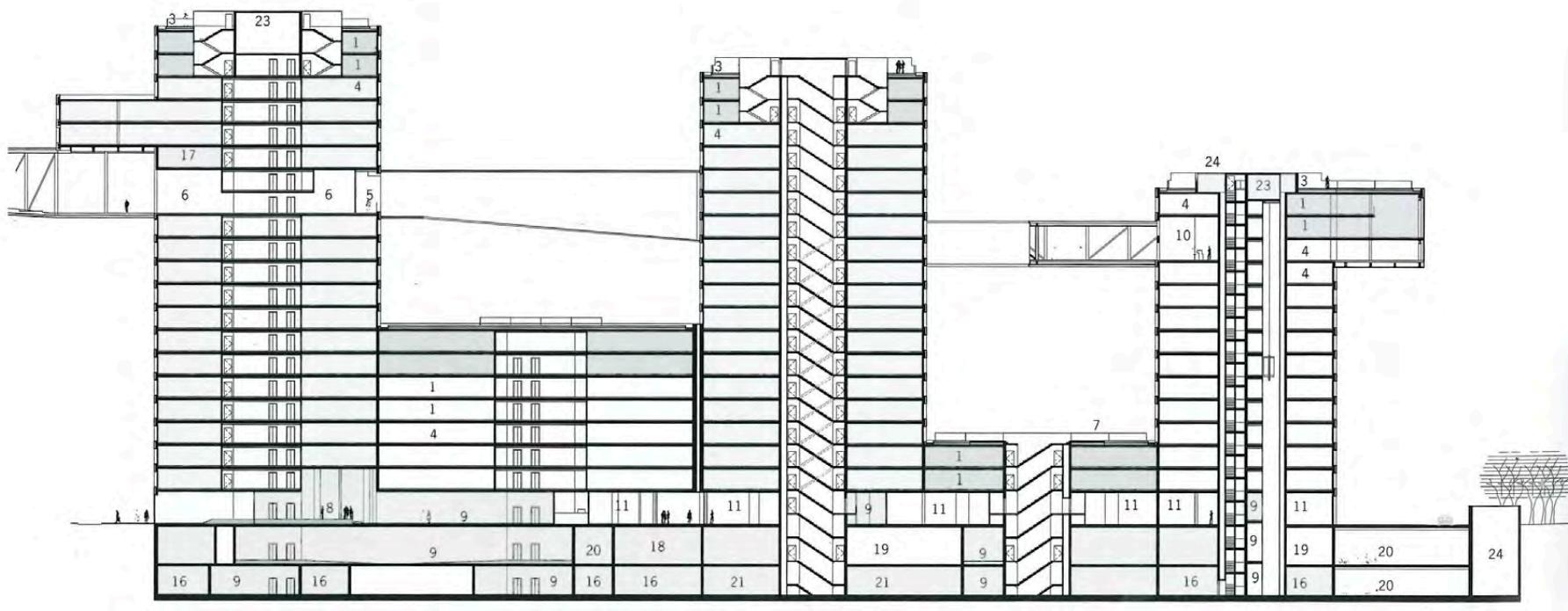
Above: With 660 geothermal wells, this is the largest geothermal-heated and -cooled complex in the history of residential construction in China.







NORTH-SOUTH SECTION



WEST-EAST SECTION

1

50'

Right: A central recycled-water pond of the water-filtering system is fed by the gray water pipes of the separate apartments.

- 1 Duplex
- 2 Duplex Roof Garden
- 3 Private Roof Garden
- 4 Typical Apartment
- 5 Terrace
- 6 Art Gallery
- 7 Public Roof Garden
- 8 Main Lobby
- 9 Lobby
- 10 Bar
- 11 Commercial
- 12 Tea House Beyond
- 13 Tower beyond
- 14 Cinematheque beyond
- 15 Locker Room
- 16 Service
- 17 Mechanical room
- 18 Trash/Recycling
- 19 Bycicle Parking
- 20 Parking
- 21 Storage
- 22 Pool Lense
- 23 Water Tank
- 24 Exhaust Fans/Air

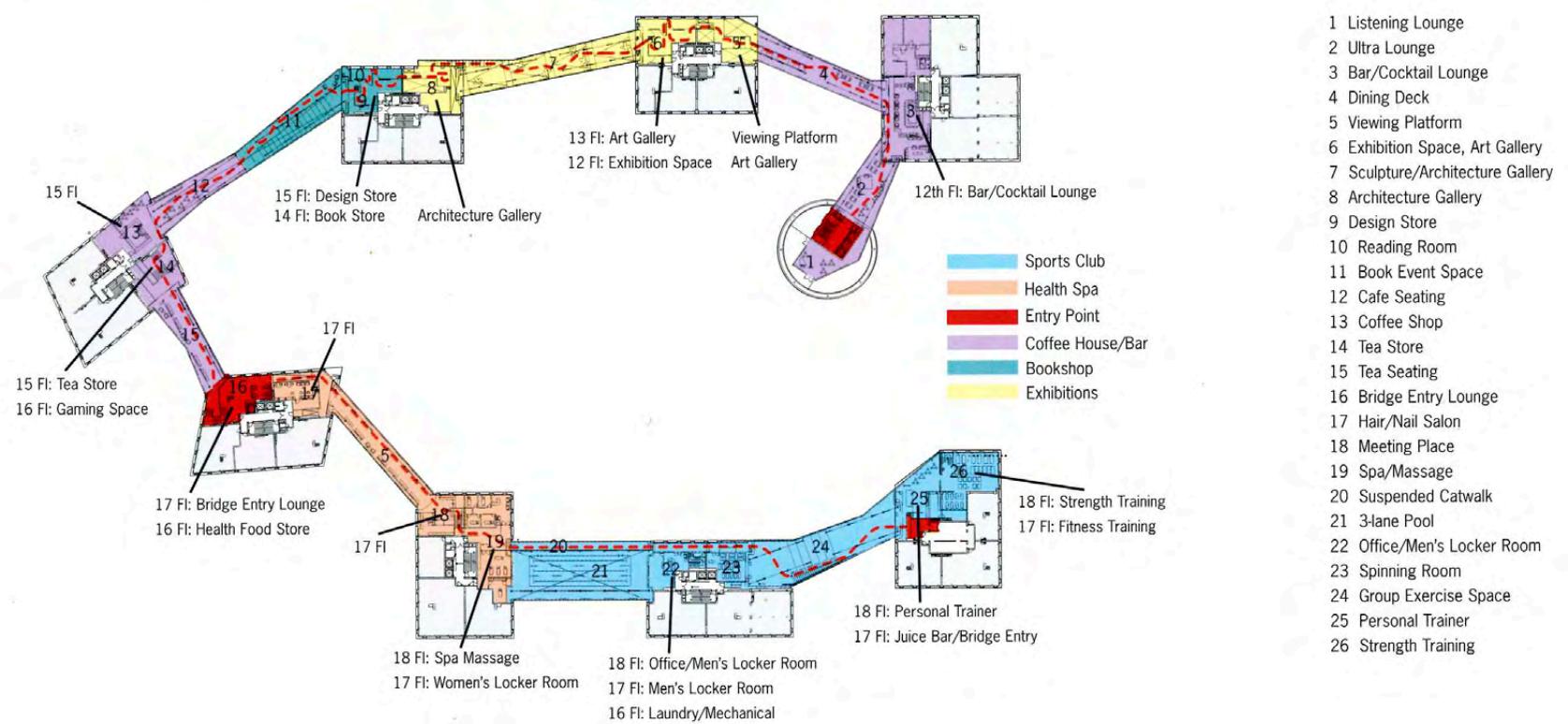




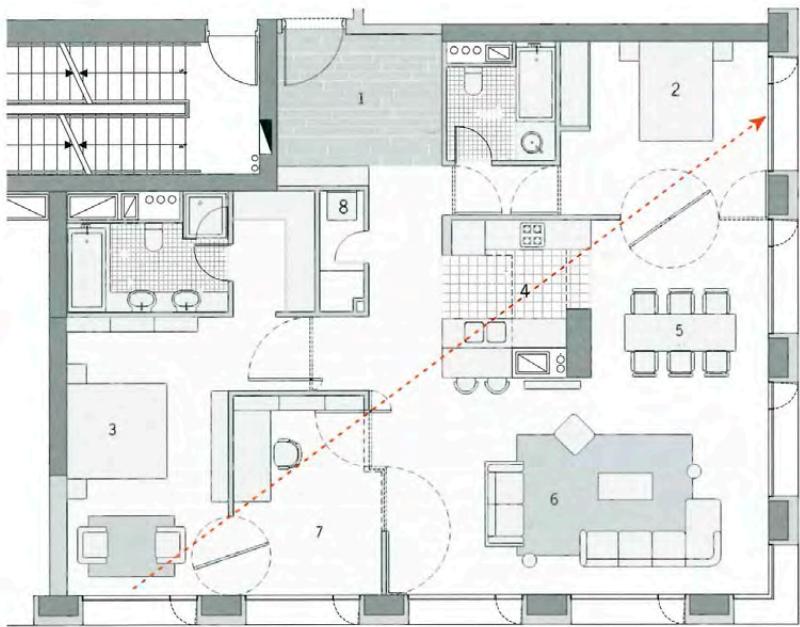
Left: A swimming pool and spa are suspended within the bridge links.

Opposite, top: The "Five Mounds" landscape.

Opposite, bottom: The central pond with natural vegetation.







TYPICAL APARTMENT WITH DIAGONAL VIEWS ACROSS "HINGED-SPACE"



TYPICAL APARTMENT WITH "HINGED-SPACE DOORS"

10'

- 1 Entry
- 2 Bedroom
- 3 Master Bedroom
- 4 Kitchen
- 5 Dining
- 6 Living
- 7 Multi-use Space (Study Room/Guest Room)
- 8 Bathroom

Opposite: The model apartment is equipped with custom light fixtures; dining chairs by Alvaro Siza.

Below: view of the construction site.





CITÉ DU SURF ET DE L'Océan

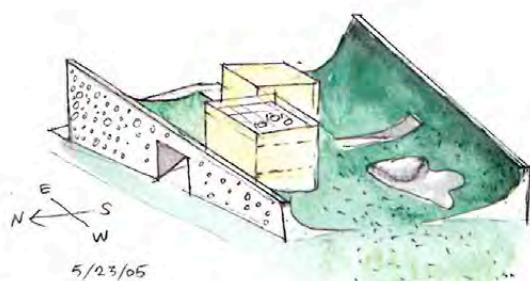
Biarritz, France

2005-

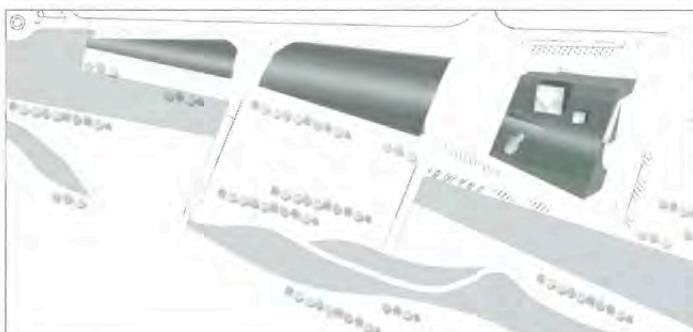
In collaboration with Solange Fabião

Sous le Ciel
Sous l'océan

PLACE de l'OCÉAN, BIARRITZ



5/23/05



SITE PLAN

This new museum intends to raise awareness of oceanic issues and to explore educational and scientific aspects of the surf and sea and their role upon our leisure, science, and ecology. The project is comprised of a museum building, exhibition areas, and a plaza, within a master plan site encompassing 22,600 meters (74,147 feet).

The design concept is based on the phrases "under the sky / under the sea." The building shape is intended to create a central gathering plaza, open to sky and sea, with the horizon in the distance. This "Place de l'Océan," with its curved under-the-sky shape, forms the character of the main exhibition space, while the convex structural ceiling forms the under-the-sea shape. Thus, the concept generates a unique profile and form for the building, and through its insertion and efficient site utilization, the project integrates into the surrounding landscape.

The building's inspiring spatial qualities are first experienced in the entrance space, where ramps pass along the dynamic curved surface on which filmed surf action are projected, animating the space with changing images and light. On axis with the ocean, toward the west, the site is slightly cupped on the edges, connecting the forms with the landscape while simultaneously concealing flanking parked cars. With its mix of fields and indigenous vegetation, the natural landscape extends the museum facility and provides a site for festivals and daily events.

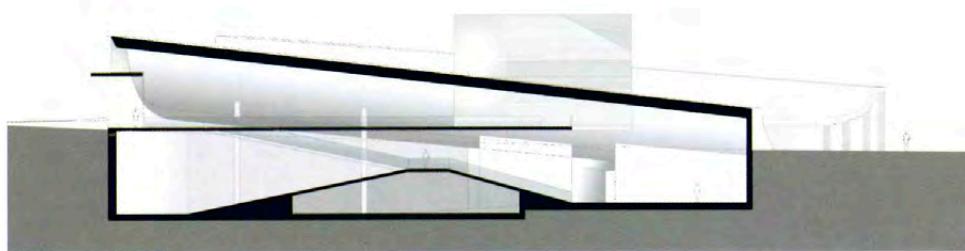
Toward the south, the slab is peeled open from a covered area with space for indoor games and activities. Dedicated as a surfer's hangout, this area contains a skating rink and an open porch. The public mix of recreational surfing and scientific education focused on the ocean is a new laboratory, parallel to the experiment of fusing landscape with architecture.



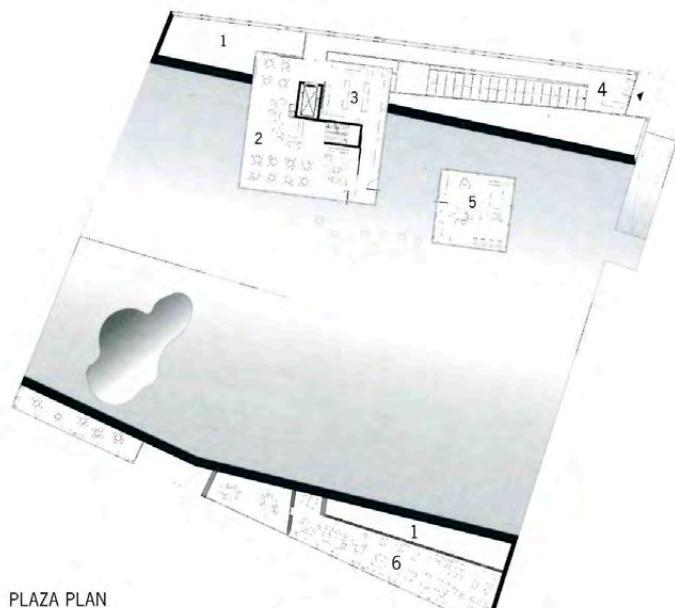


Left, top: Café view of the Atlantic Ocean.

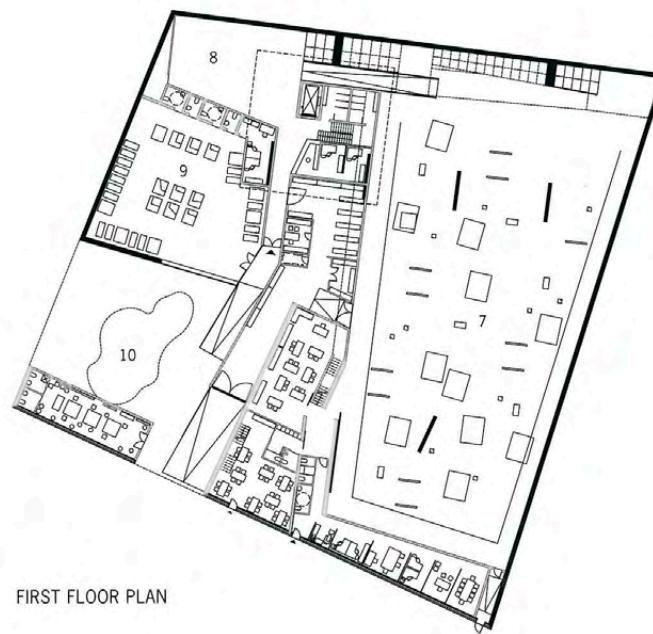
Left, bottom: Section at the entry stairs down to the main level.



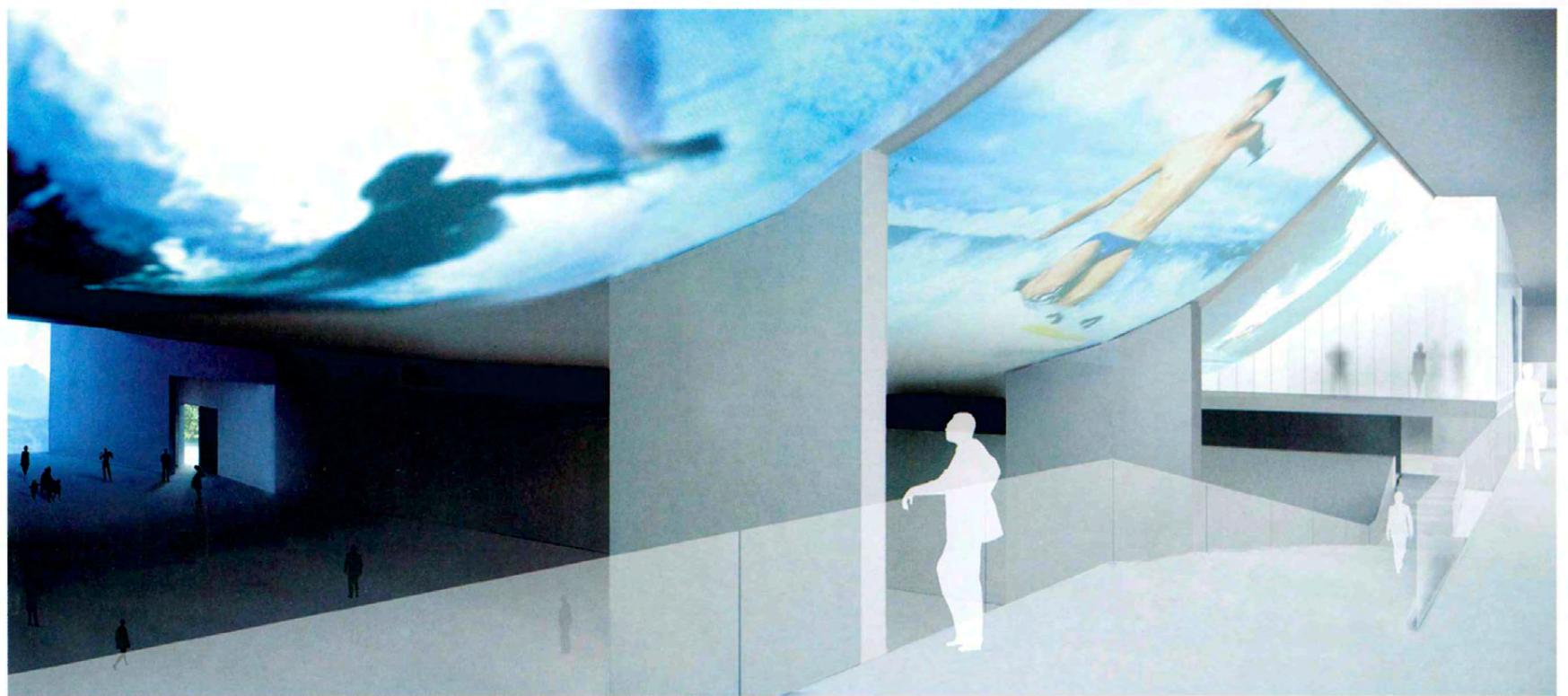
- 1 Entrance
- 2 Café
- 3 Shop
- 4 Foyer
- 5 Kiosk
- 6 Mechanical
- 7 Permanent Exhibition
- 8 Temporary Exhibition
- 9 Multipurpose Room
- 10 Porch

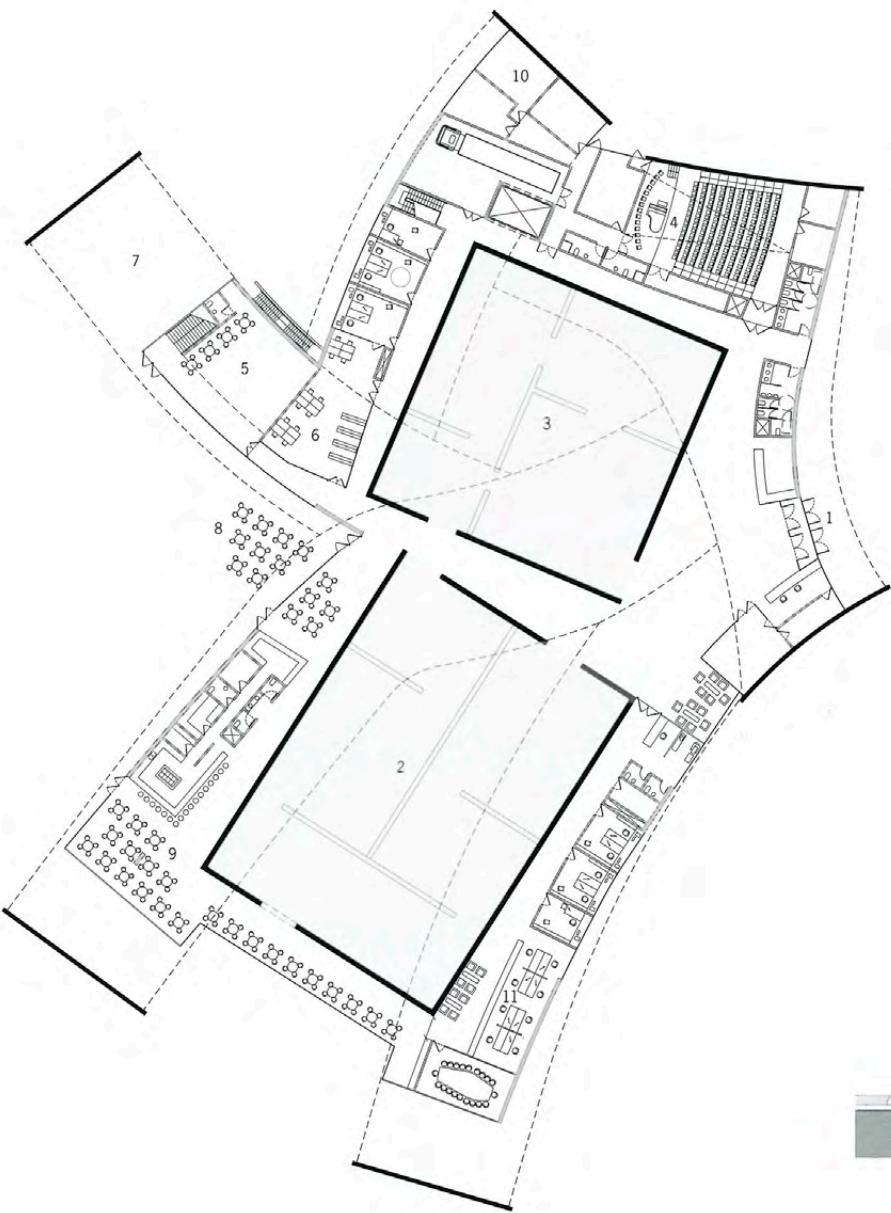


PLAZA PLAN



FIRST FLOOR PLAN

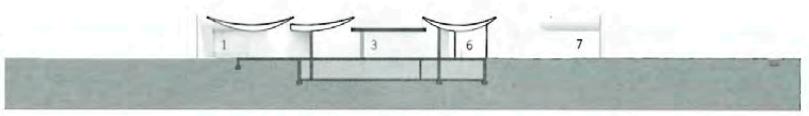
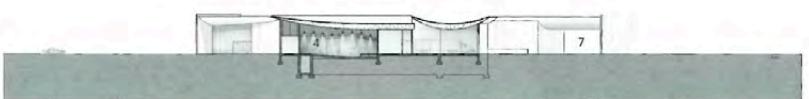
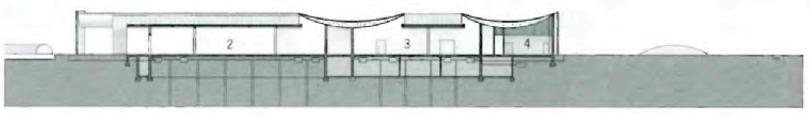
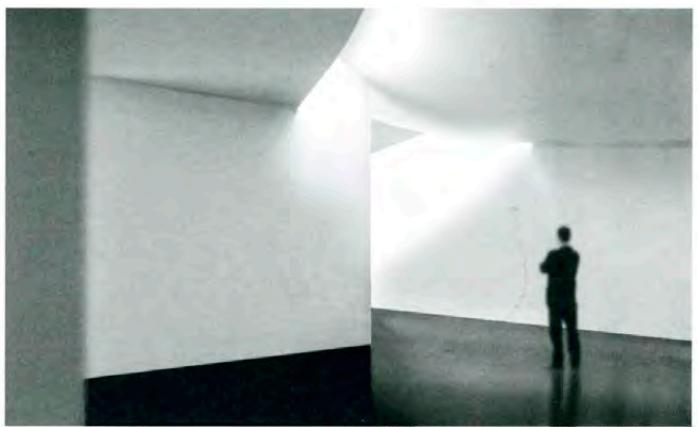




FIRST FLOOR PLAN

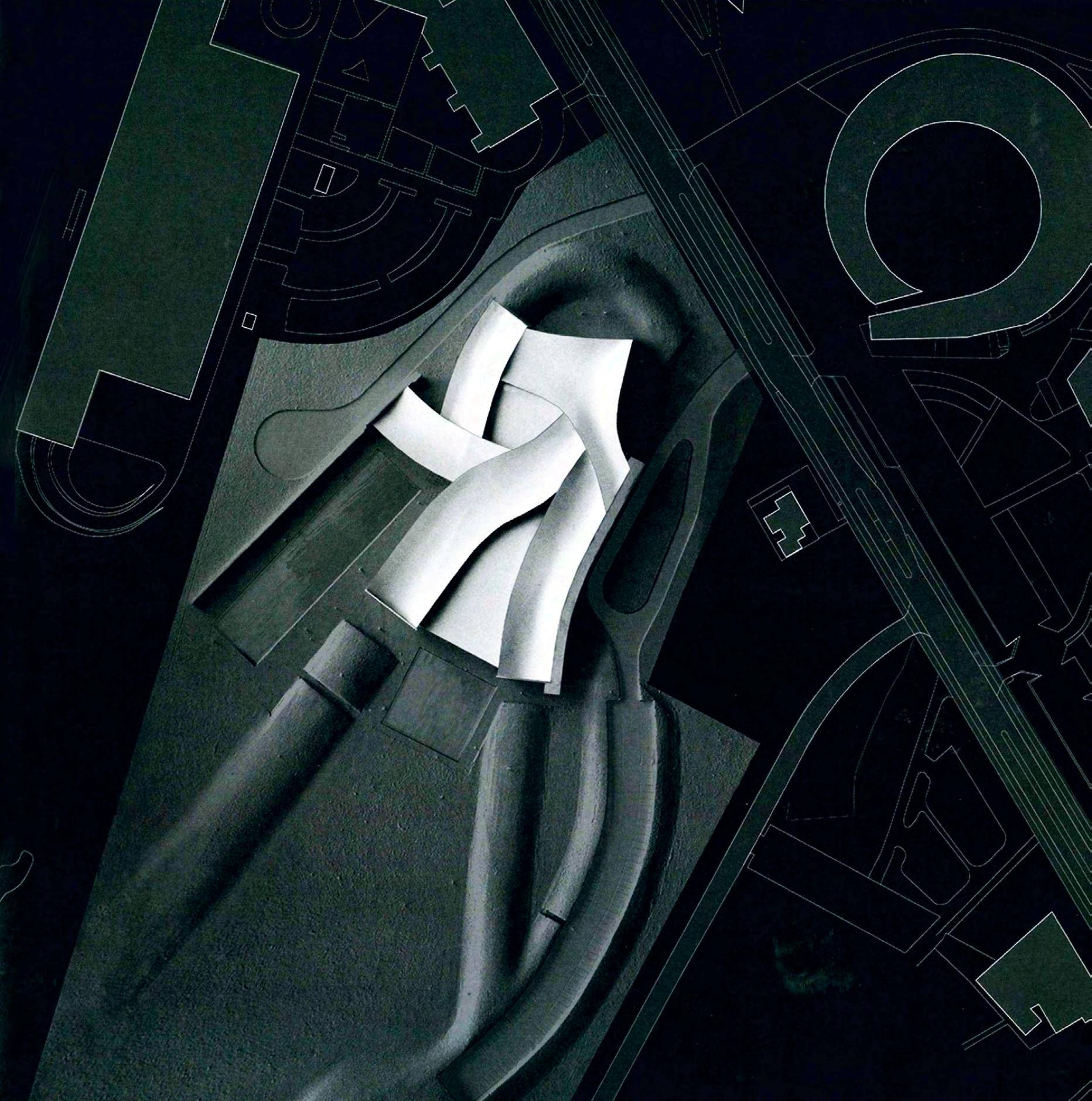
25'

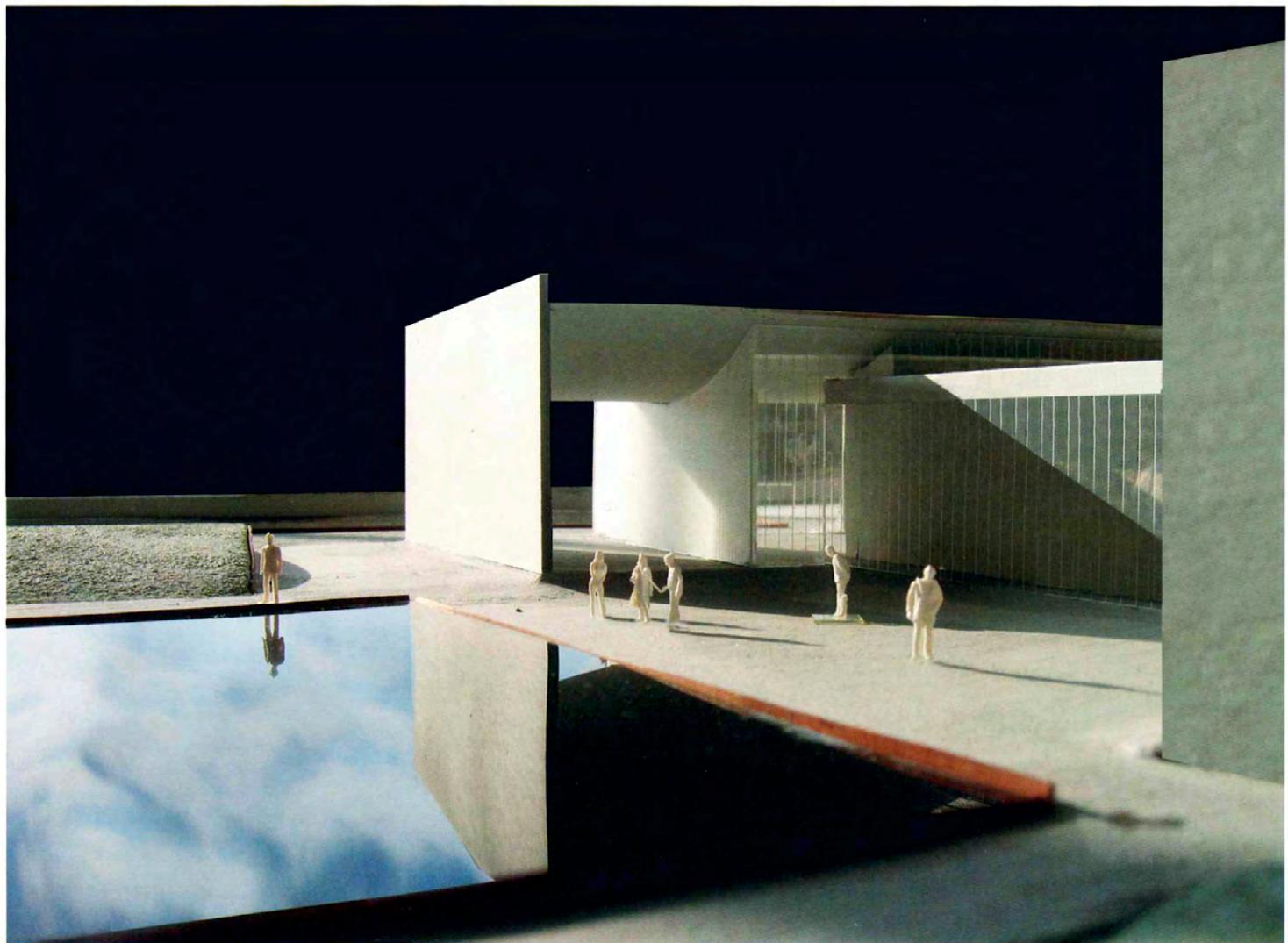
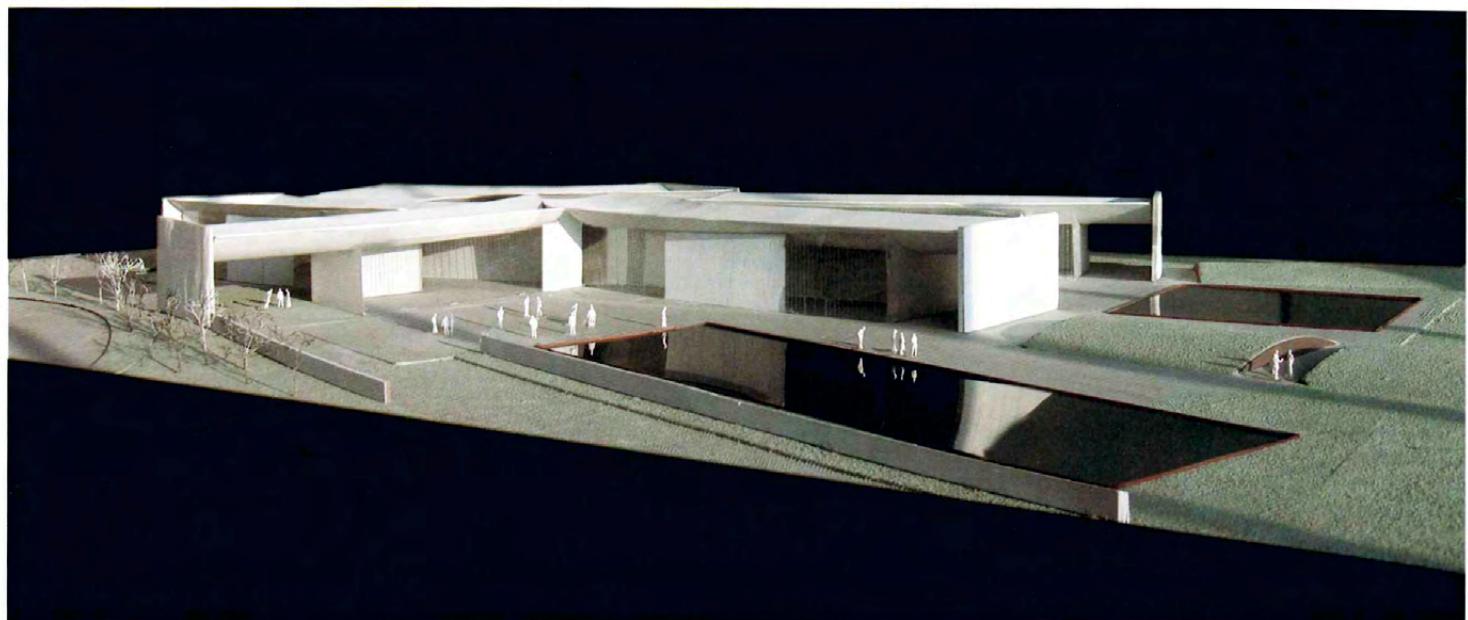
- 1 Main Entrance
- 2 Temporary Exhibition
- 3 Permanent Exhibition
- 4 Auditorium
- 5 Discovery Center
- 6 Library
- 7 Town Square Entry
- 8 Town Square
- 9 Restaurant
- 10 Rehearsal
- 11 Administration



SECTIONS

500'





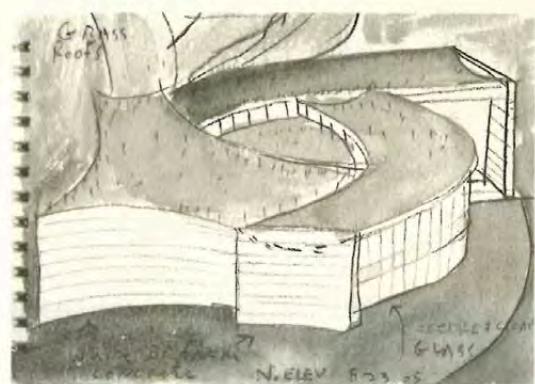
We hadn't even presented the project but the mayor began to laugh about our connection to surfing. And then we presented the ideas of the project, which they didn't understand from the drawings and the boards. They were trying to understand what this shape was, how it is made out of little stones and grass, and how it is a place of gathering, how you enter the building along this wave of space and go down and get glimpses of the large exhibition center. As they asked questions I said, "You know, probably all your other entries in this competition have four elevations. This has a fifth elevation and that fifth elevation is the center of the scheme: the idea is that the project doesn't stop at the building. It connects through two more sections down the landscape to the ocean: under the sky, under the sea." I said, "If any of your other schemes don't connect directly to the ocean you should have them revise their project because a center of surf that doesn't connect to the ocean isn't a great scheme. You have to connect to the ocean. It's right there. It's two parcels away." So I was very arrogant in the presentation and argued that they needed to extend the site another two blocks. At the end of the day the mayor told our local architect that we had been ranked last by the technical jury, but now we were ranked first at the end of the presentations. So they didn't know what to do. I found out the next day that I would have to return to make another presentation ten days later. So I decided to stay in Europe and go to the south of Sicily to visit the island of Pantelleria and return to Biarritz on the 9th of August. I made the presentation directly to the mayor again, and in another ten days we were told that we won the competition. The program has been revised to include emphasis on the science of the ocean, allowing the educational aspect to be as important as the surfing culture aspects.

Herning Center of the Arts, 2005– (pp. 248–251)

Drawing is one of the things that I love doing; I can just sit there and draw forever. When I go on vacation I take all my watercolor pads and different kinds of drawing equipment and just draw because that is what I love to do. When something appears in the drawings that is really exciting, that is even more energizing, and then the energy feeds the energy.

For example, this competition that we have won for the Herning Center of the Arts. We weren't going to do the competition because we had done too many competitions at the time, seven competitions in six months. But I was trying to take a week off and I was up at the Lake Hut near Rhinebeck. It was August 23rd and I didn't want to read the paper because it was full of news of the current Bush administration and I just can't stand getting myself in that mood. I just threw away the paper. I was listening to some music and I was making some curvilinear sketches, and I had the material for the Herning competition sitting there. So I thought why not make these sketches to scale because this approach is kind of interesting. I am happiest when I am drawing. I was making this drawing, which was just a curvilinear drawing about nothing. There's an existing building from 1975 across the street for the site in the shape of a shirt collar. In approximately 1955 the director of the shirt factory drew this shape and asked an architect to make it into a factory. Those were very good architects, two young architects in Denmark, who made a perfect structure, with perfect lighting. I happened to be drawing this shirt-pattern-like shape, probably inspired from the Diderot's *Encyclopedia*, which I have a copy of in my studio up there. I was making these yellow curved things with blue between, and then I thought to arrange some of these "shirt sleeve" elements and fuse them with the landscape to make water gardens. I made watercolors the next two mornings, which were really the beginning of this project. This is a case study in a subjective beginning and the reason why I do all these watercolors. It comes out of the desire for architecture out of this love of beginning...

I came back down to the office on a Tuesday and I said, "Hey look, what if we develop these shapes, merge them with the landscape, and these curves are reversed so they bring light into the orthogonal spaces below." Martin, Noah, and Alessandro said: "Yeah, we can develop this in two and half weeks to do the competition boards." Two of these people haven't even worked here a year. I had to get far enough into the design that they could build a model and do the plans and sections. And they did it. I said: "Let's make the presentation all in black and white. This is not about



color. Light and space are the focus here. Let's just make the presentation black and white and our project will stand out."

In the competition, there were basically eight schemes, and then it came down to two. One was a matchbox, very rectangular, very early Arne Jacobsen; and our scheme, which is completely flowing, merging with the landscape, fusing landscape and architecture. The architects on the jury voted for the matchbox and the director of the museum and all the curators voted for our project. The director called me on Halloween saying that we won. This is an example of a project that merges effortlessly from my own desire to draw. I am just sitting up there, supposedly going swimming in the lake, but finding myself drawing and drawing.



2002–

Nanjing Museum of Architecture

location: Nanjing, China
program: galleries, tea room, bookstore, and a curator's residence
design architects: Steven Holl, Li Hu
partner-in-charge: Li Hu
project team: Clark Manning, Jongseo Lee, Richard Liu



2003

Casa di Risparmio di Firenze (competition)

location: Firenze, Italy
program: bank building including offices, public spaces, bar, restaurant, and auditorium
design architect: Steven Holl and Solange Fabião
project architect: Annette Goderbauer
project team: Christiane Deptolla, Makram el Kadi, Peter Englaender, Marcello Pontiggia, Irene Vogt, Urs Vogt



2003

Musée des Civilisations de l'Europe et de la Méditerranée (competition)

location: Marseille, France
program: galleries, auditorium, café and restaurants, offices, support facilities
design architect: Steven Holl
project architect: Annette Goderbauer
project team: Masao Akiyoshi, Makram el Kadi, Hideki Hirahara, Brett Snyder, Irene Vogt



2003–2008

Linked Hybrid

location: Beijing, China
program: 750 apartments, commercial zones, hotel, cinematheque, kindergarten, underground parking
design architects: Steven Holl, Li Hu
partner-in-charge: Li Hu; project architect: Hideki Hirahara;
project designers: Garrick Ambrose, Yenling Chen, Rodolfo Dias, Guido Guscianna, Young Jang, Edward Lalonde, James Macgillivray, Matthew Uselman; project team: Christian Beerli, Johnna Cressica Brazier, Shih-I Chow, Cosimo Caggia, Kefei Cai, Frank Cottier, Christiane Deptolla, Matthew Jull, Jongseo Lee, Eric Li, Richard Liu, Giorgos Mitroulas, Olaf Schmidt, Judith Tse, Clark Manning, Kitty Wang, Li Wang, Ariane Wiegner, Noah Yaffe, Liang Zhao



2002–2005

Planar House

location: Arizona, USA
program: private residence
design architect: Steven Holl
project architect: Martin Cox (Tim Bade, schematic design)
project team: Robert Edmonds, Annette Goderbauer, Hideki Hirahara, Clark Manning



2004

Lombardia Regional Government Center

(competition)
location: Milan, Italy
program: offices, public plaza, press conference and exhibition and debate facilities, cafes, public observation deck
design architect: Steven Holl
project architect: Martin Cox
project team: Garrick Ambrose, Guido Cuscianina, Makram el Kadi, Gian Carlo Floridi, Simone Giostra, Young Jang, Ariane Weigner



2003

New National Library of Luxembourg (competition)

location: Luxembourg, Luxembourg
program: library including exhibition space, amphitheater, meeting rooms, restaurant, café, shop, offices
design architect: Steven Holl
project architect: Arnault Biou
project team: Chris McVoy, Jongseo Lee, Makram el Kadi, Irene Vogt, Christiane Deptolla, Urs Vogt, Annette Goderbauer, Peter Englaender, Ziad Jamaleddine



2004

Saint Etienne City of Design (competition)

location: Saint Etienne, France
program: cultural complex, with exhibition spaces, ateliers, workshops, artists living spaces, shops, conference spaces
design architect: Steven Holl
project architect: Arnault Biou
project team: Makram el Kadi, Nicolas Laisne



2004

The High Line (competition)

location: New York, New York, USA
program: proposal for renovation and transformation of the High Line into public space
design architect: Steven Holl, Solange Fabião
project architect: Martin Cox
project team: Brett Snyder, Garrick Ambrose, Olga Drobina, Johan van Lierop, Young Jang, Priscilla Fraser, Molly Blieden, Andrew MacNair, Lara Shihab-Eldin, Connie Lee, Heather Waters, Roberto Requejo



2005-

Sail Hybrid (competition: first place)

location: Knokke-Heist, Belgium
program: 3 architectures: Sail-Like Planar (hotel and apartment tower), Volumetric (restored, reprogrammed casino), Porous (congress hall)
design architect: Steven Holl
partner-in-charge: Chris McVoy
project architect: Nick Gelpi
assistant project architect: Noah Yaffe
project team: Young Jang, Richard Liu, Edward Lalonde, Alessandro Orsini



2005-

Cité du Surf et de l'Océan (competition: first place)

location: Biarritz, France
program: museum, plaza, and exhibition areas
design architects: Solange Fabião and Steven Holl
project architect: Rodolfo Reis Dias
assistant project architect: Ebbie Wisecarver
project advisor: Chris McVoy
project team: Ernest Ng, Cosimo Caggiula, Florence Guiraud, Richard Liu, Alessandro Orsini, Lan Wu



2004-

NYU School of Philosophy

location: New York, New York, USA
program: school of philosophy
design architect: Steven Holl
partner in charge: Tim Bade
project architect: Edward Lalonde
project team: Lesley Chang, Jongseo Lee, Clark Manning, Ernest Ng, Irene Vogt, Ebbie Wisecarver



2005

Xian New Town (competition)

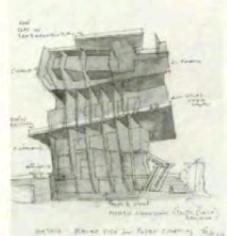
location: Xian, China
program: urban planning project including housing, cultural spaces, offices, public services, school, and commercial spaces
design architect: Steven Holl
project architects: Li Hu, James Macgillivray
project team: Garrick Ambrose, Nick Gelpi, Giorgos Mitroulias, Wu Lan



2005

Nanjing Massacre Memorial (competition)

location: Nanjing, China
program: memorial including exhibition hall
design architect: Steven Holl
project team: Dong Gong, Jongseo Lee, Wu Lan, Cosimo Caggiula, Zhao Liang



2005

Busan Cinema Complex (competition)

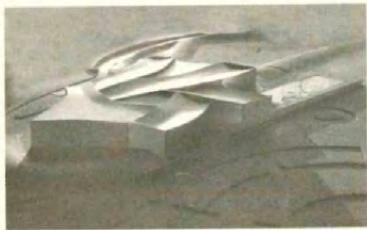
location: Busan, Korea
program: 6 cinemas (including one open-air cinema), conference rooms, event spaces, exhibition galleries, retail, restaurant, café, working loft, cinematheque, grand theater, visual media center
design architect: Steven Holl
partner-in-charge: Li Hu
project architect: Jongseo Lee
project team: Cosimo Caggiula, Frank O. Cottier, Nick Gelpi, Alessandro Orsini, Ernest Ng, Noah Yaffe



2005

Louvre Lens (competition)

location: Lens, France
program: galleries, auditorium, restaurant, exhibition garden
design architect: Steven Holl
partner-in-charge: Chris McVoy
project architect: Garrick Ambrose
project team: Nick Gelpi, Cosimo Caggiula, Frank O. Cottier, Rodolfo Dias, Jongseo Lee, Richard Liu, Young Jang, Irene Vogt, Lan Wu, Noah Yaffe



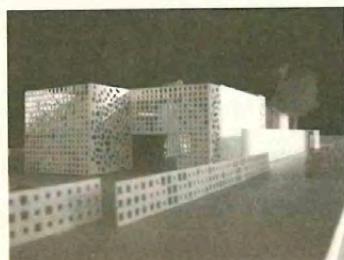
2005-

Herning Center of the Arts (competition: first place)
location: Herning, Denmark
program: temporary exhibition galleries, 150-seat auditorium, music rehearsal rooms, restaurant, media library, and administrative offices
design architect: Steven Holl
project architect: Noah Yaffe
project advisor: Chris McVoy
project team: Martin Cox, Cosimo Caggiula, Alessandro Orsini, Jongseo Lee, Filipe Taboada, Julia Radcliffe



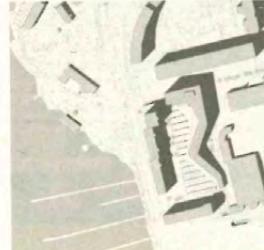
2005-

Highline Hybrid Tower
location: New York, New York, USA
program: mixed use/offices, hotel, and condominiums
design architect: Steven Holl
partner-in-charge: Chris McVoy
project team: Tim Bade, Frank O. Cottier, Peter Englaender, Nick Gelpi, Ernest Ng, Rodolfo Reis Dias, Ebbie Wisecarver, Noah Yaffe



2005-

Porosity House
location: Long Island, New York, USA
program: weekend house
design architect: Steven Holl
project architect: Rodolfo Reis Dias
project team: Cosimo Caggiula, Ernest Ng



2006-

Meander (competition: first place)
location: Helsinki, Finland
program: 49 apartments, 500-square-meter rental space, garage, rooftop sauna, and running track
design architects: Steven Holl, Vesa Honkonen
project architect: Jongseo Lee



2005-

Denver Justice Center (competition: first place)
location: Denver, Colorado, USA
program: 35 courtrooms, offices, and public spaces
design architect: Steven Holl
partner-in-charge: Chris McVoy
project architect: Olaf Schmidt
project team: Justin Allen, Lesley Chang; Gyoung Nam Kwon, Jackie Luk, Rashid Satti



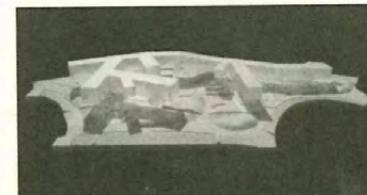
2006-

Orestad
location: Copenhagen, Denmark
program: residential and commercial building
design architect: Steven Holl
project architect: Haiko Cornelissen
project advisor: Chris McVoy
project team: Garrick Ambrose, Francesco Bartolozzi, Christiane Deptolla, Julia Radcliffe, Rashid Satti, Filipe Taboada



2005

**Friends Without a Border
Angkor Hospital for Children's Visitor Center**
location: Siem Reap, Cambodia
program: visitor center for non-profit children's hospital
design architect: Steven Holl
project architect: Noah Yaffe



2006-

Vanke Center
location: Shenzhen, China
program: mixed-use building including hotel, service apartments, and offices
design architect: Steven Holl
partner-in-charge: Li Hu
project architects: Gong Dong, Garrick Ambrose
project team: Justin Allen, Cressida Brazier, Kefei Cai, Yenling Chen, Hideki Hirahara, Eric Li, Filipe Taoada

