

Site plan
總平面

Design: 2003-Sep., 2005
Location: Qinglong Road, Qingpu District, Shanghai
Total floor area: 6 745 m²
Site area: 3 600 m²
Building height: 12.8 m

設計時間: 2003年—2005年9月
地點: 上海市青浦區青龍路
總建築面積: 6 745平方米
佔地面積: 3 600平方米
建築高度: 12.8米

Office Building and Reception Center of Qingpu Private Enterprise Association

青浦私營企業協會辦公與接待中心

Design company: Atelier DESHAUS

Design team: Zhuang Shen Chen Yifeng Liu Yichun Tang Yu

設計單位: 大舍建築師事務所

設計小組: 莊慎 陳屹峰 柳亦春 唐煜

This office building is located on the east side of Xiayang Lake, at the center of the new downtown area of Qingpu District. A glass fencing wall, covering 60 m² and 3 floors high, sets a clear boundary for this building, with appeals of lightness and strength. This glass wall often lends a partition to the office building in the open environment. Inside the glass wall, the body of the building surrounds the courtyard, with a majority of the ground floor elevated. On the second floor, the part facing the major landscape is installed with an open viewing terrace, which enables plantings of the courtyard to complement with the plantings and landscape of the external environment. The final building is gently incorporated into the surroundings in an independent manner, solving the conflict between the openness of the site required by the surroundings and the privacy needed for function.

The glass wall also creates a condition for the microclimate inside the building. It dramatically mitigates the noise disturbance from the elevated highway not far away. In hot summer, the pond in the center of the inner courtyard dissipates part of the heat inside the courtyard in the process of evaporation, and forms the subtle air flow under the surrounding overhead layer. When people enter the overhead layer inside the wall from outside the building, the sudden shade can calm down the mind.

Pieces of glass of the external wall are suspended onto the stainless square jam plates. Gaps are left among glass plates. The inner body part adopts the glass curtain wall with printed screen sprint, granting a visual sense of integrity to the building size, and performing a certain function of shading.

The printed patterns can choose the cracked ice pattern and the butterfly wing reticulate pattern, twice overprinted. The interior design is dominated by the white tone consistent with the silk screen pattern.

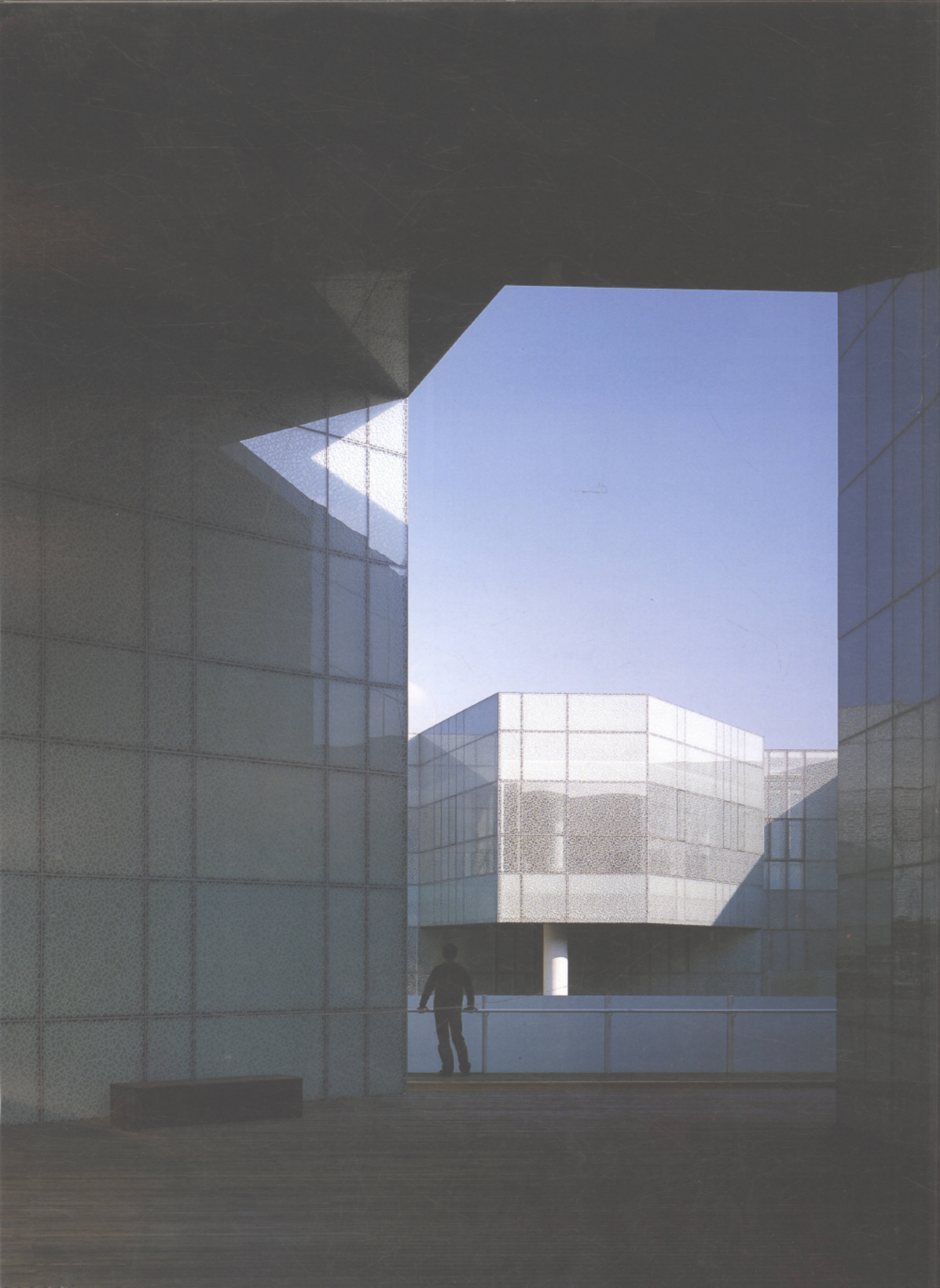
這座辦公樓位於青浦新城區中心夏陽湖的東側。一個60米見方三層通高的玻璃圍牆，為這座建築設立了一個明確的邊界，顯得輕巧又不至于失去力度。這道玻璃牆也使辦公樓在開放的環境中有了內外的隔離。玻璃牆內部的建築主體圍繞庭院布局，底層大部分架空，二層朝向主要景觀的部分設置了開敞的觀景平臺，這使得玻璃圍牆內庭院的綠化與外部環境的綠化，景觀形成了相互滲透，最終完成的建築以一種明確獨立的姿態輕柔地融入到周遭環境中，解決了周圍環境所要求的基地開放性和使用上所需要的私密性之間的矛盾。

玻璃圍牆也為建築物內的微氣候環境創造了條件，它大大減弱了不遠處高架高速公路的噪音干擾。在炎熱的夏季，中心內庭的水

池因其水分蒸發帶走了庭院內的部分熱量，並在周邊的架空層下形成微妙的空氣流動。當人們從建築的外部進入圍牆內部的架空層下時，突然的蔭涼會帶來內心的平靜。

建築物的外圍牆玻璃被一片片懸掛在不銹鋼方形鎖板上，玻璃板塊與板塊之間留出縫隙。內部主體部分整體採用了絲網印刷的玻璃幕牆，使建築體量在視覺上有完整感，並對內部起到一定的遮陽作用。印刷圖案選用冰裂紋與蜻蜓翅狀網紋，兩次疊加印刷。室內設計選用了與絲網印刷花紋一致的白色的基調。



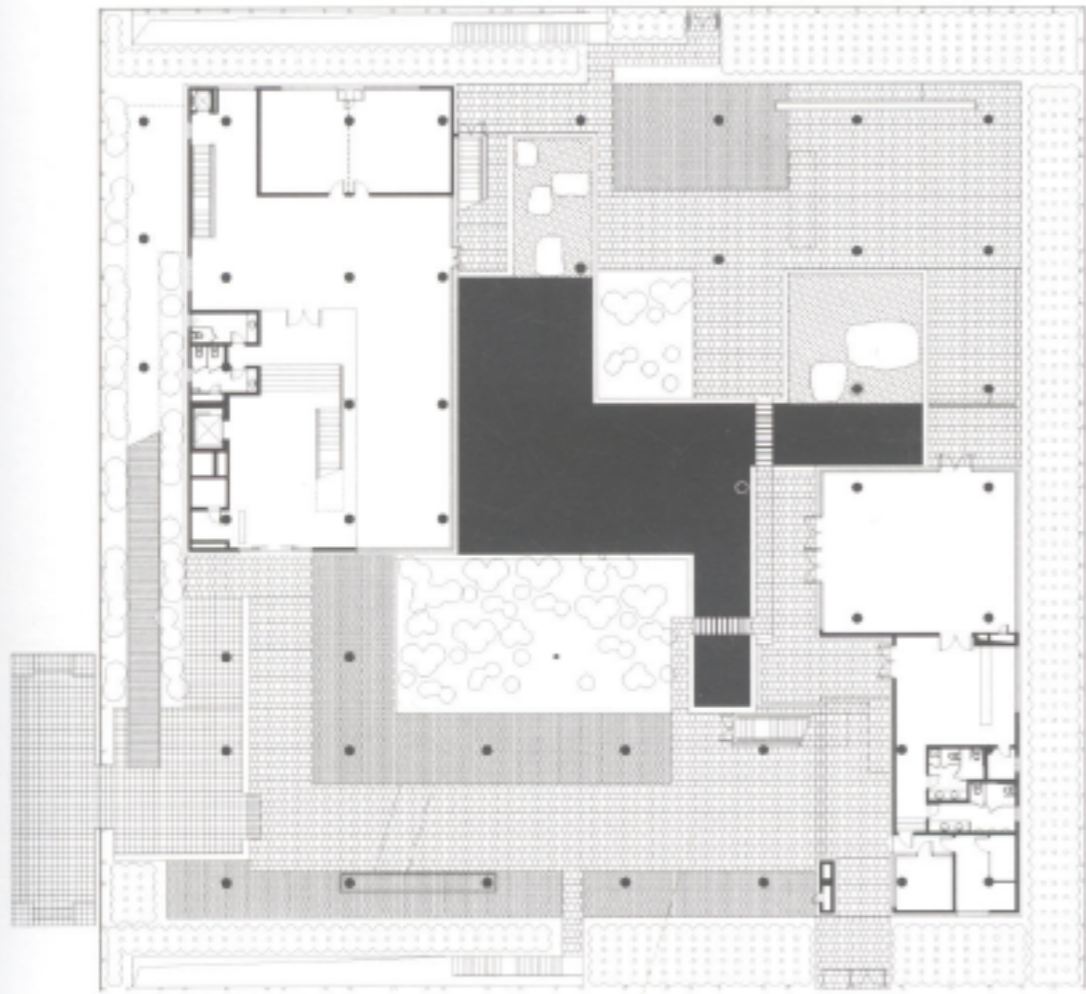








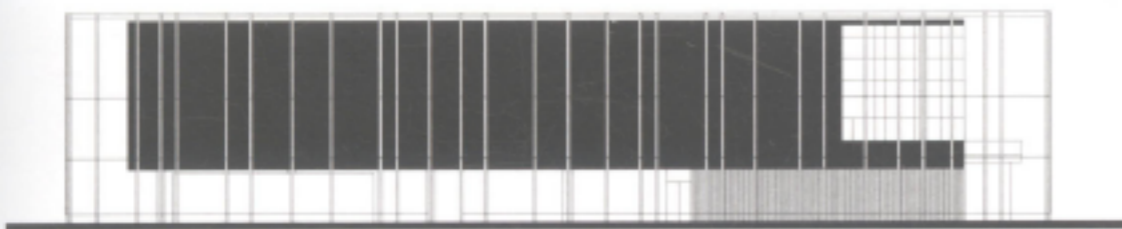




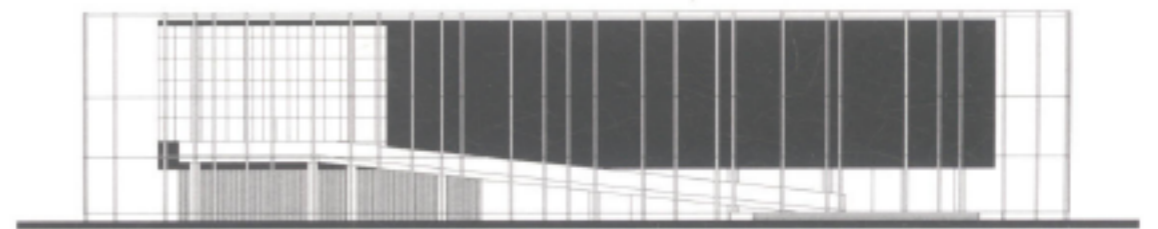
1st floor plan
一層平面圖



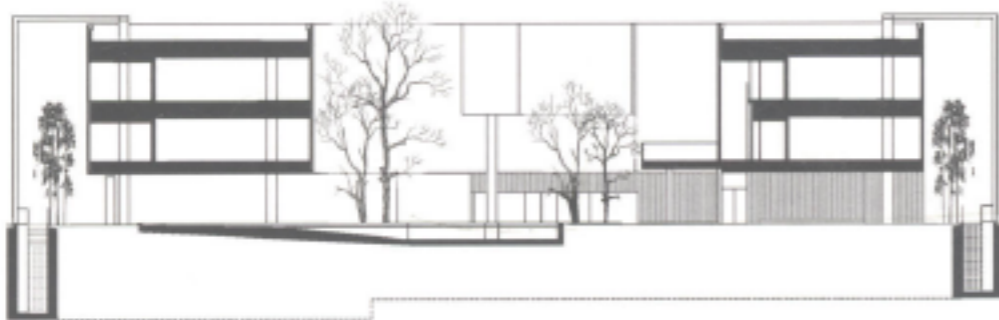
2nd floor plan
二層平面圖



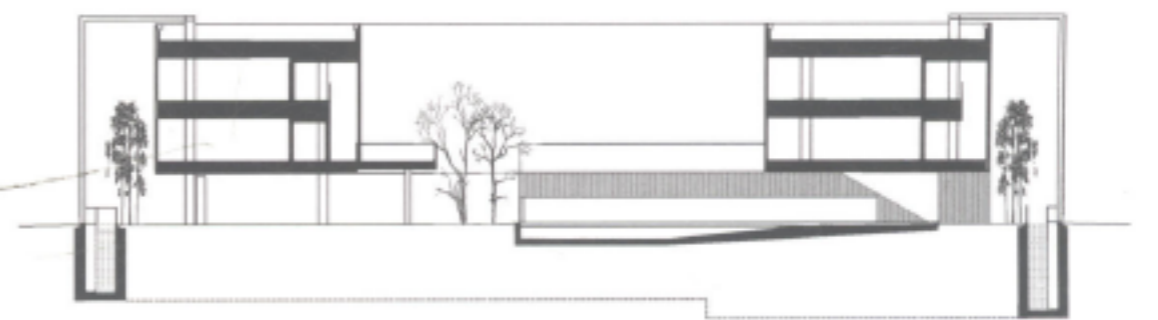
North elevation
北立面圖



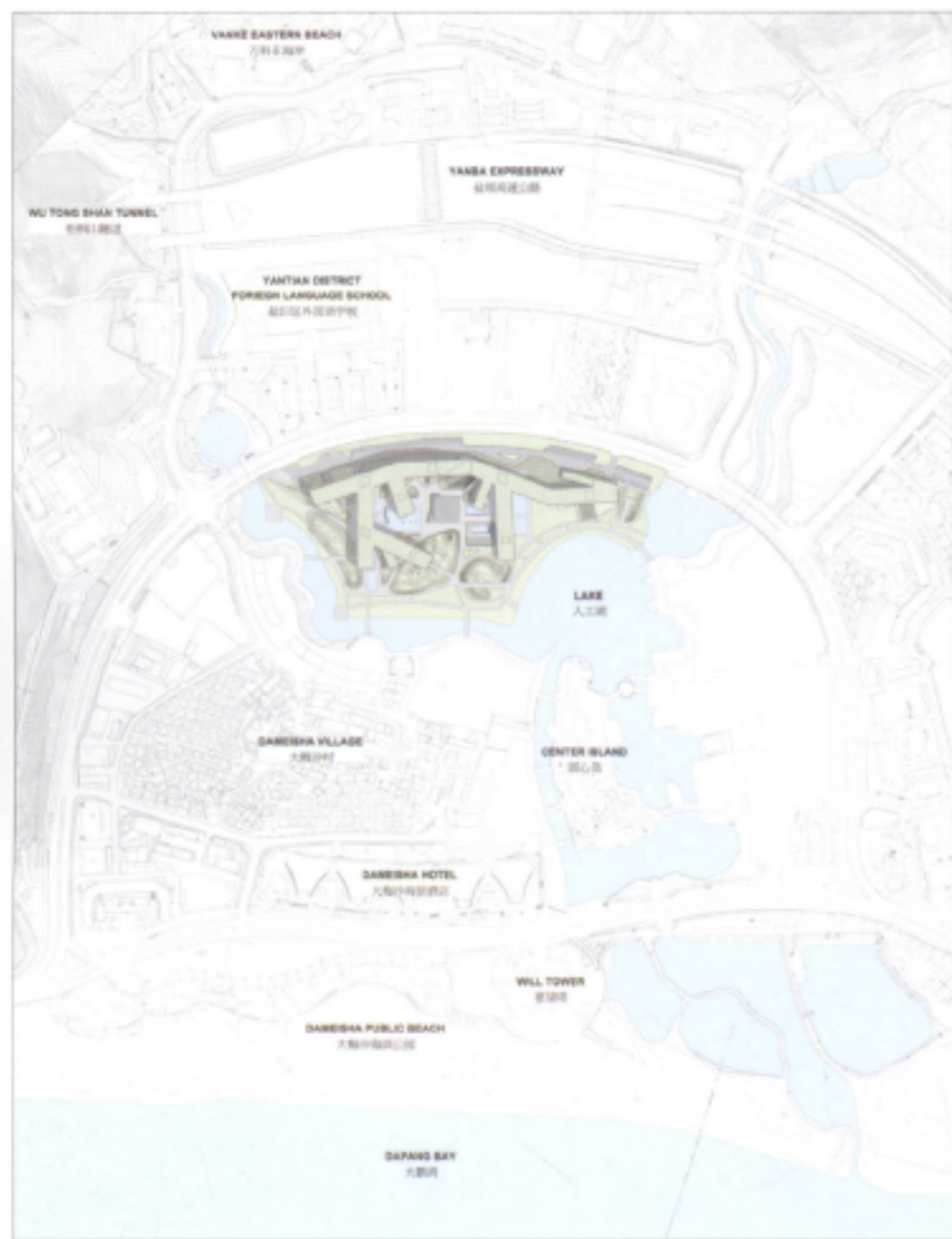
West elevation
西立面圖



1-1 Section
1-1剖面圖



2-2 Section
2-2剖面圖



Site plan
總平圖

Vanke Center

萬科中心

Design company: Steven Holl Architects

Design architects: Steven Holl, Li Hu

Partner-in-charge: Li Hu

Project architects: Gong Dong, Garrick Ambrose

Project team: Rodolfo Dias, Clemence Eliard, Nick Gelpi, Maren Kohler, Wan-Jen Lin, Eric Li, Jackie Luk, Roberto Requejo, Jay Siebenmorgen

設計單位: Steven Holl Architects

建築設計: Steven Holl, Li Hu

項目協作負責: Li Hu

項目設計: Gong Dong, Garrick Ambrose

設計團隊: Rodolfo Dias, Clemence Eliard, Nick Gelpi, Maren Kohler, Wan-Jen Lin, Eric Li, Jackie Luk, Roberto Requejo, Jay Siebenmorgen

Steven Holl Architects wins invited competition with Vanke Center: a horizontal skyscraper over maximized landscape.

New York-Steven Holl Architects announces the winning design for the Vanke Center, a progressive new sustainable mixed-use complex in Shenzhen, China on the South China Sea. The firm was selected from a small list of invited firms including MVRDV (The Netherlands) and HAE (China). Vanke Center, set to break ground in April 2007, is located on a 60,000 sq meter site on the Chinese coast. The building, a floating horizontal skyscraper, will contain a conference center, hotel, serviced apartments and offices.

Rather than create a series of building shapes that address the various uses within the complex, Steven Holl Architects-design combines all the various programs into one grand vision. Hovering over an inventive *sea scribble* garden, the collision of buildings appears as if they were once floating on a higher sea, which has now subsided, leaving them propped up high on glass and white coral-like legs. The open plan provides space for the intricate multi-faceted daily life at the ground level to evolve and change.

As a vision of tropical sustainability for the 21st century, Vanke Center incorporates several new sustainable elements designed specifically for the development. The floating buildings create a flexible area of shaded landscape underneath the building, allowing sea and land breezes to pass through the site. Special geothermal cooled waterscape in the form of radiative cooling lakes create a microclimate. Moveable facade screens made of special composites protect the inner glass against high solar and typhoon.

Competition phase: Steven Holl, Li Hu, Gong Dong, Garrick Ambrose, Kefei Cai, Eric Li, Cressica Brazier, Hideki Hirahara, Yenling Chen, Filipe Taboada, Justin Allen
Associated architect: CCDI, Beijing / Shenzhen
Structural engineers: CABR + CCDI
Mechanical engineers: Transsolar + CCDI
Landscape architects: Steven Holl Architects + CLDC, Beijing / Shenzhen
Curtain wall consultants: Yuanda Curtain-wall
Lighting consultant: l'observatoire International
Client: Shenzhen Vanke Real Estate Co. LTD.
Design year: 2006 (completion second half 2008)
Area size: 61 729.7 m²
Building size: 122 177 m²

競標階段參與人員: Steven Holl, Li Hu, Gong Dong, Garrick Ambrose, Kefei Cai, Eric Li, Cressica Brazier, Hideki Hirahara, Yenling Chen, Filipe Taboada, Justin Allen
建築協作: CCDI, Beijing / Shenzhen
結構工程設計: CABR + CCDI
機械工程設計: Transsolar + CCDI
景觀建築設計: Steven Holl Architects + CLDC, Beijing / Shenzhen
幕牆設計諮詢: Yuanda Curtain-wall
照明設計諮詢: l'observatoire International
業主: 深圳萬科房地產有限公司
設計時間: 2006 (2008年第二季竣工)
占地面積: 61 729.7平方米
建築面積: 122 177平方米

Renewable energy such as solar power and geothermal cooling are among the key issues to be explored in this project.

Within the office portion of the project China Vanke Co., Ltd will have its main office. China Vanke Co., Ltd is the largest property developer (publicly traded) in China. Besides its headquarters in Shenzhen, it has over 20 branch offices around China.

史蒂芬·霍爾建築事務所的設計作品在萬科中心設計競賽中獲勝。他們設計的是一個保持最大景觀面積的水平摩天大樓。

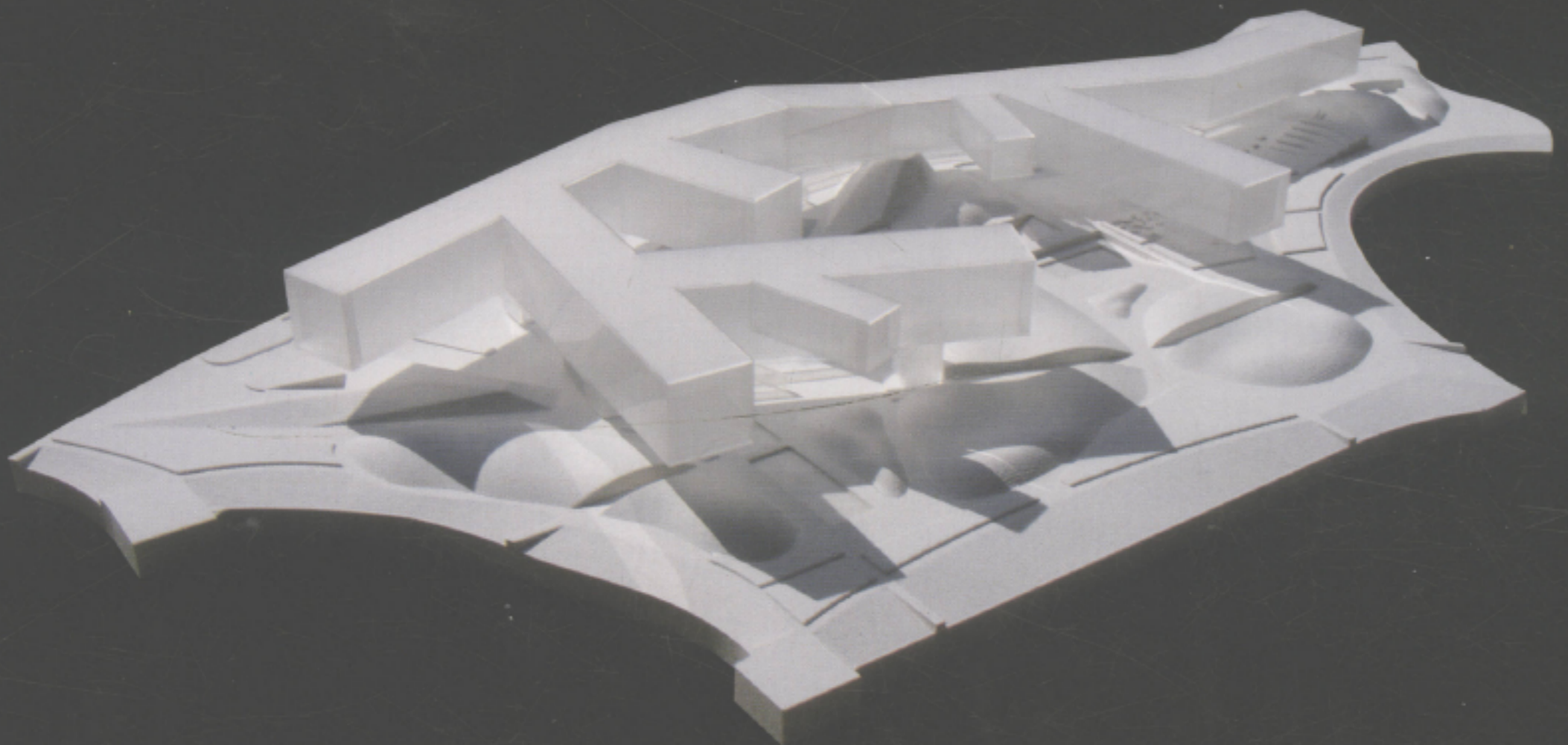
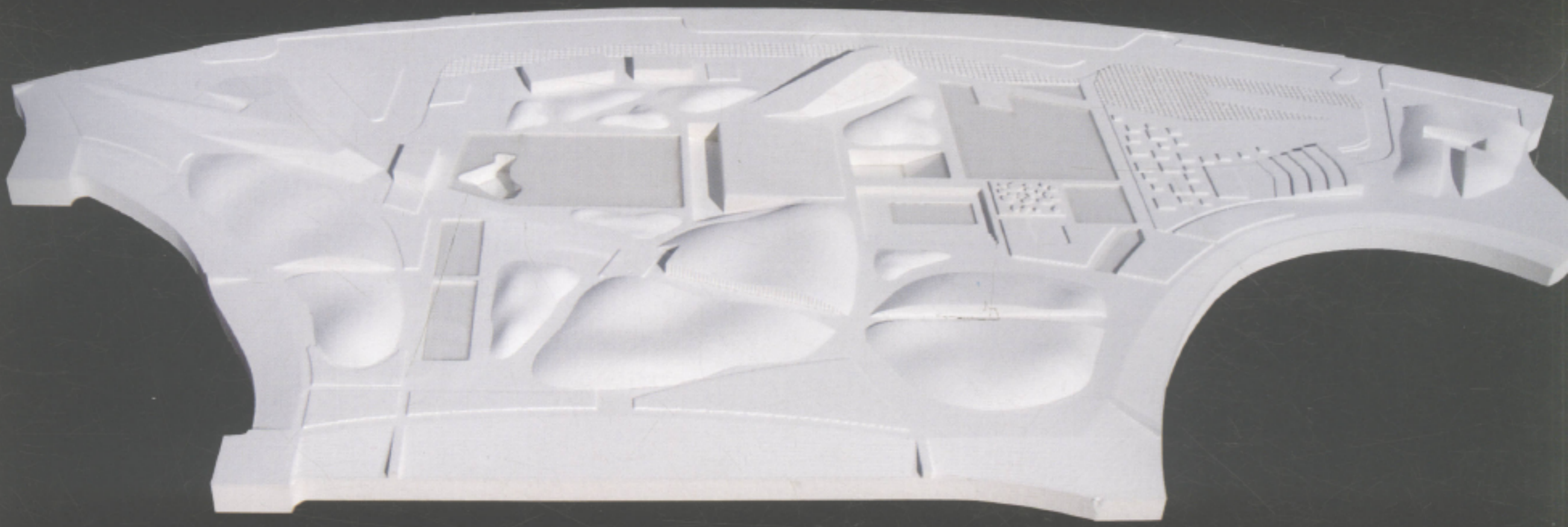
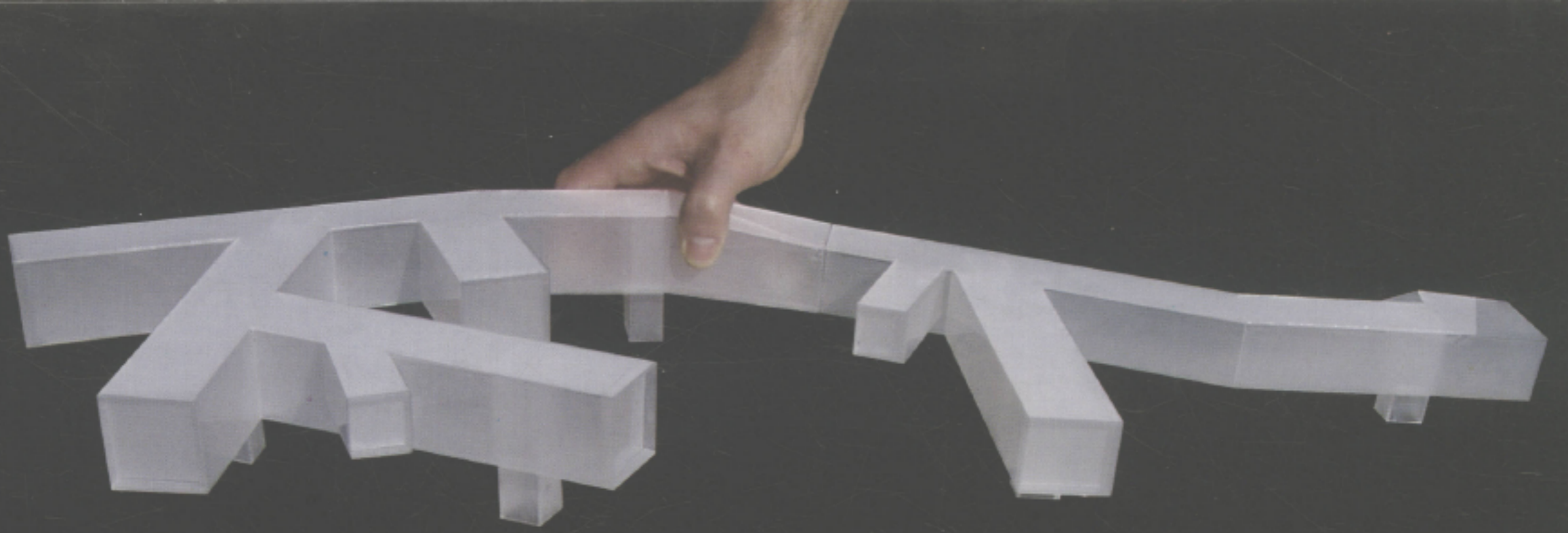
紐約報道——史蒂芬·霍爾建築事務所公布了獲勝的萬科中心設計方案。萬科中心是一個新型的可供長期利用的多功能建築群，位於中國南海。該公司從少數幾個應邀參加的公司（包括荷蘭的MVRDV事務所和中國的華匯工程建築設計有限公司）中脫穎而出。該項目於2007年4月動工。建築場地位於海濱，面積為60,000平方米。這是一個懸浮的水平摩天大樓。內設會議中心、酒店、服務設施和辦公室。

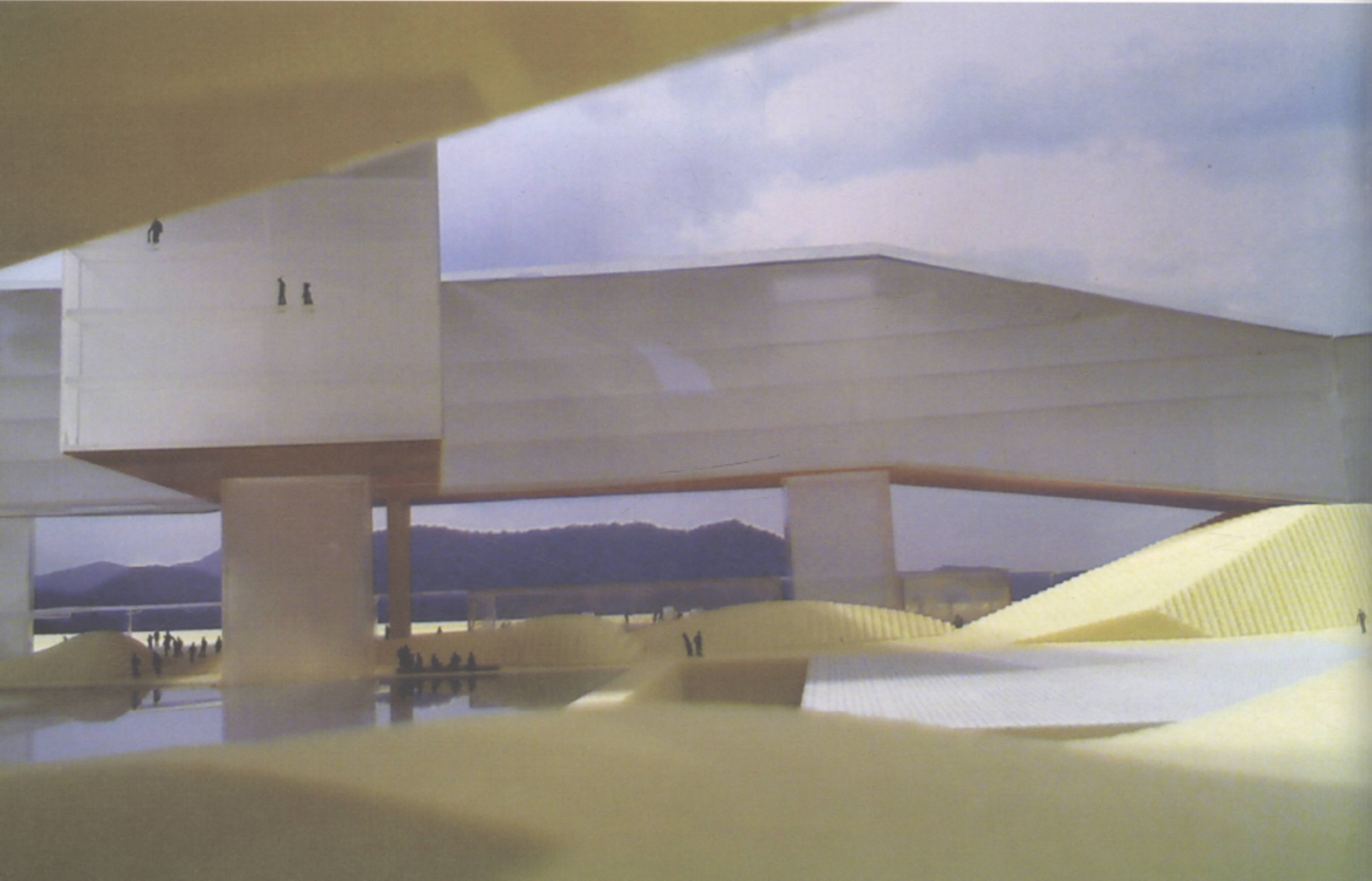
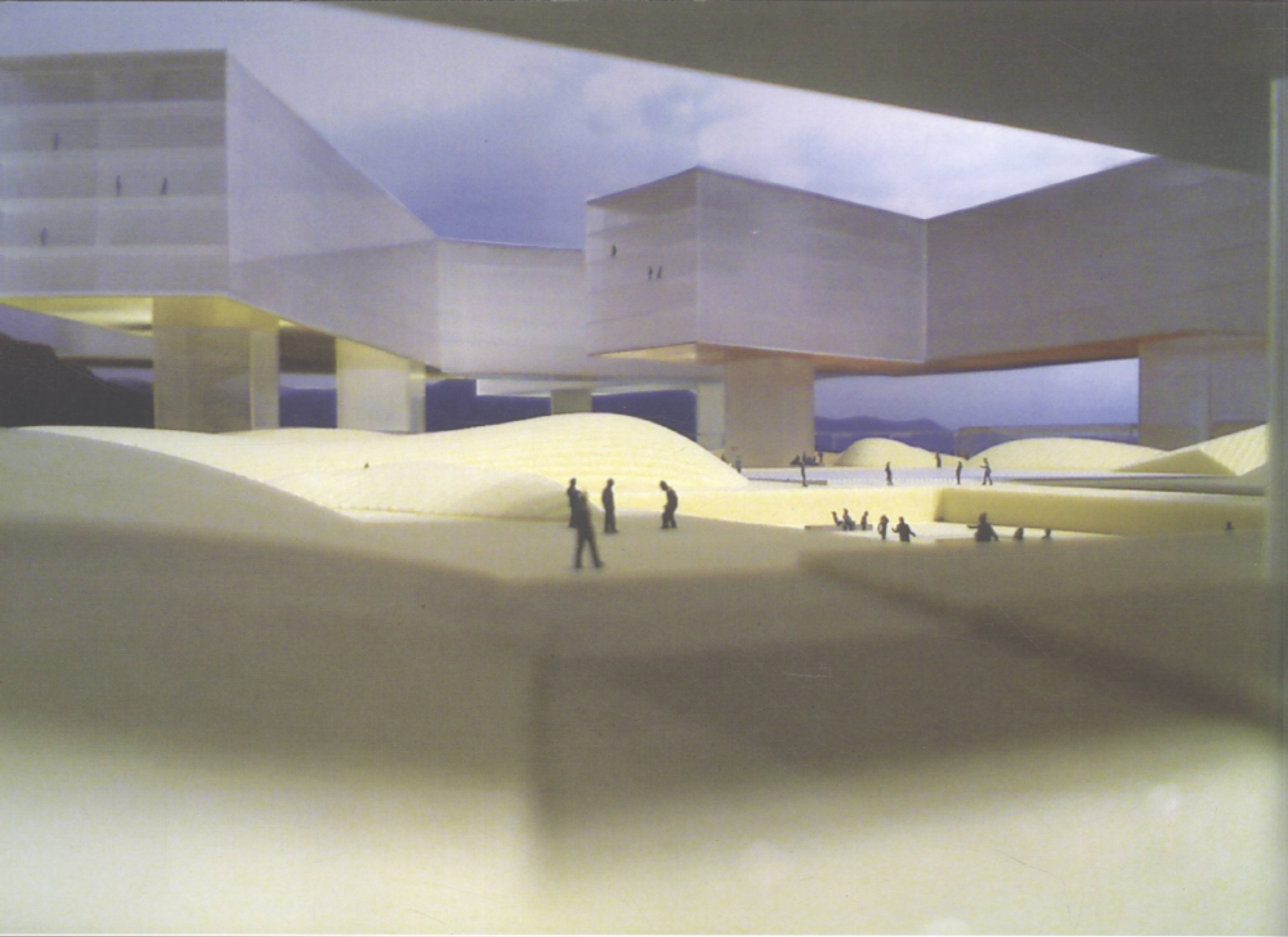
史蒂芬·霍爾建築事務所沒有選擇創造一系列的建築形體，來滿足內部不同的功能需求，而是將各種變幻元素融進一個巨大視角來體現。大樓位於花園上，好似浮在高高的

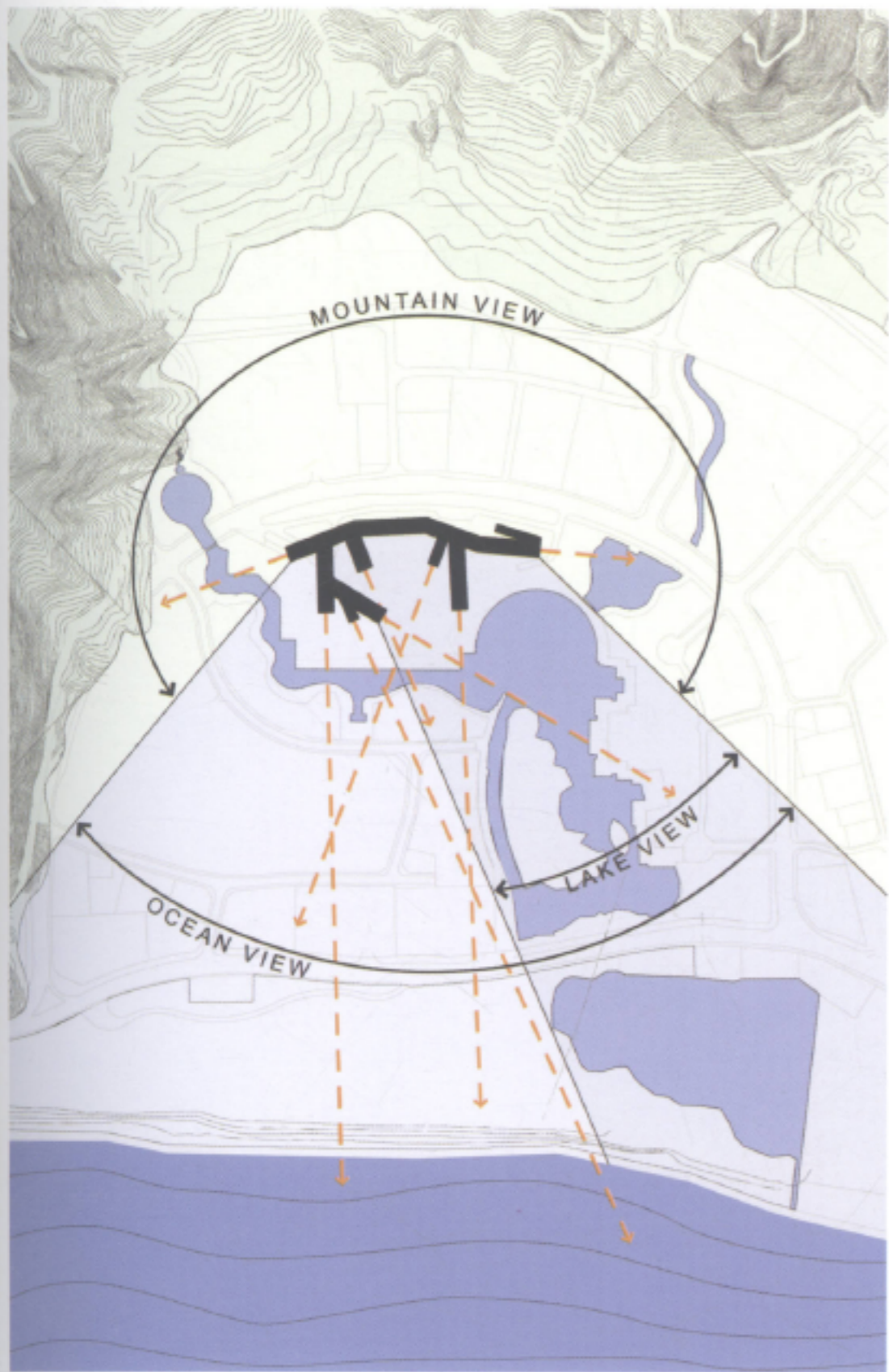
海面上，而海面下沉。大樓在玻璃和白色珊瑚狀支柱上展示風采。開闊的平面可以在地面不斷延展變化，為紛繁複雜的日常生活提供活動空間。

萬科中心重造了新世紀熱帶可持續性視角，將許多可持續元素結合利用。浮動的大樓創造了大樓下方可變的景觀。海風和陸地微風因而可以吹進該場地。特殊的地熱水景創造了微觀氣候條件。可以移動的正面銀幕由特殊合成材料制成，可以保護內層玻璃，使其免受太陽和臺風的侵襲。太陽能、地熱等可再生能源在該工程中是關鍵因素。

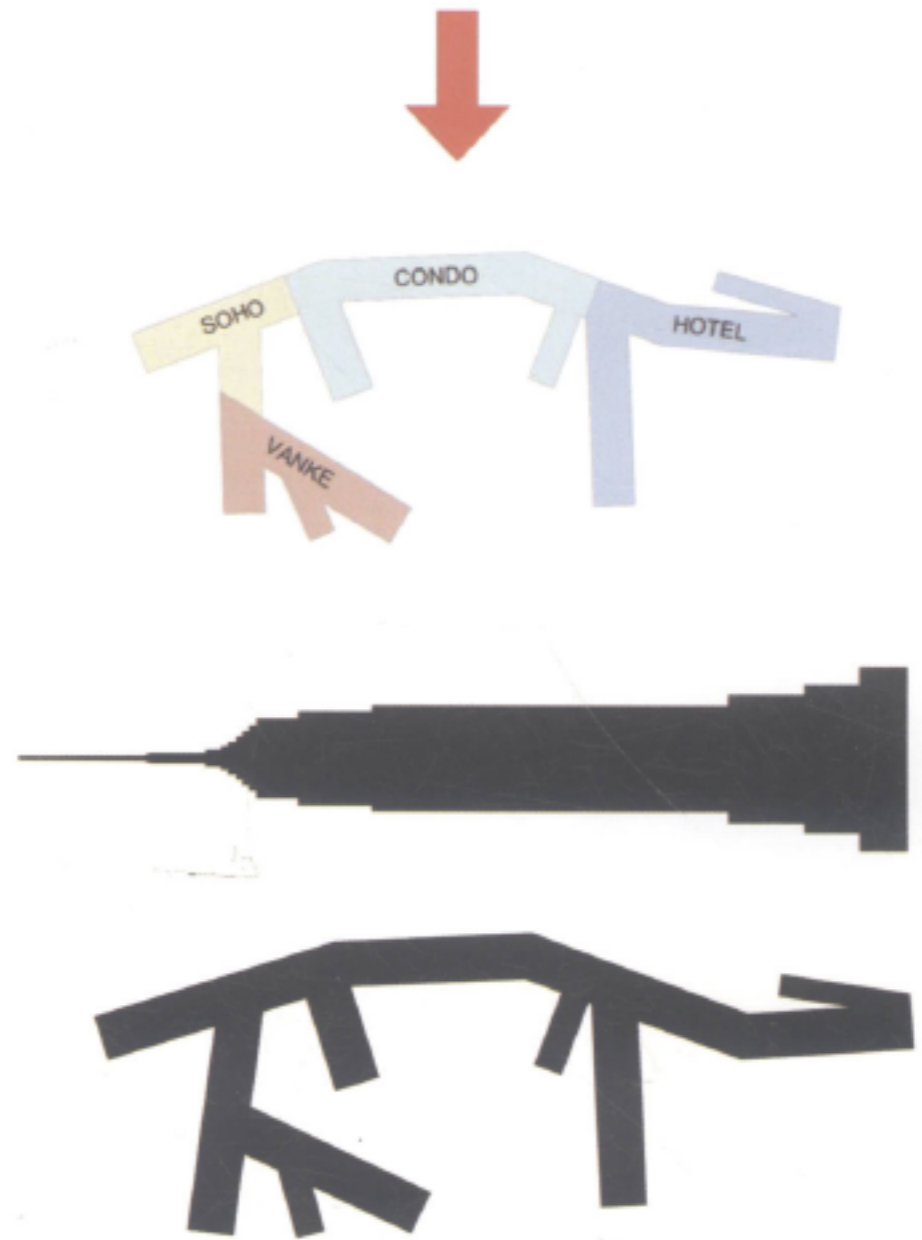
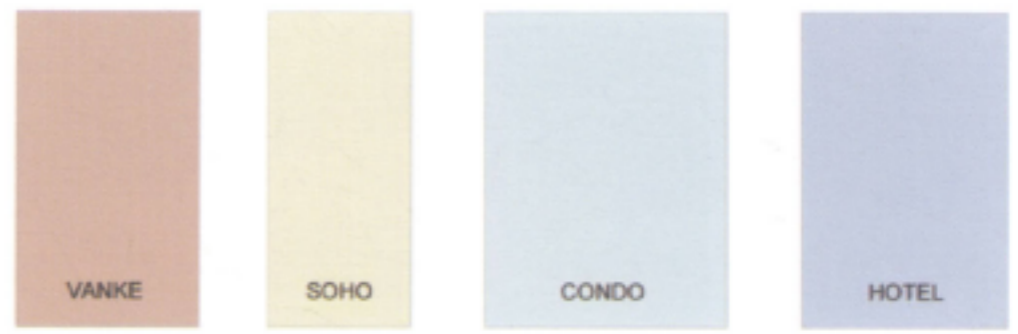
在該工程的辦公區，中國萬科集團設有主要辦公室。中國萬科集團是中國最大的商用房地產開發商。除深圳總部外，在中國各地還有20多個分部。



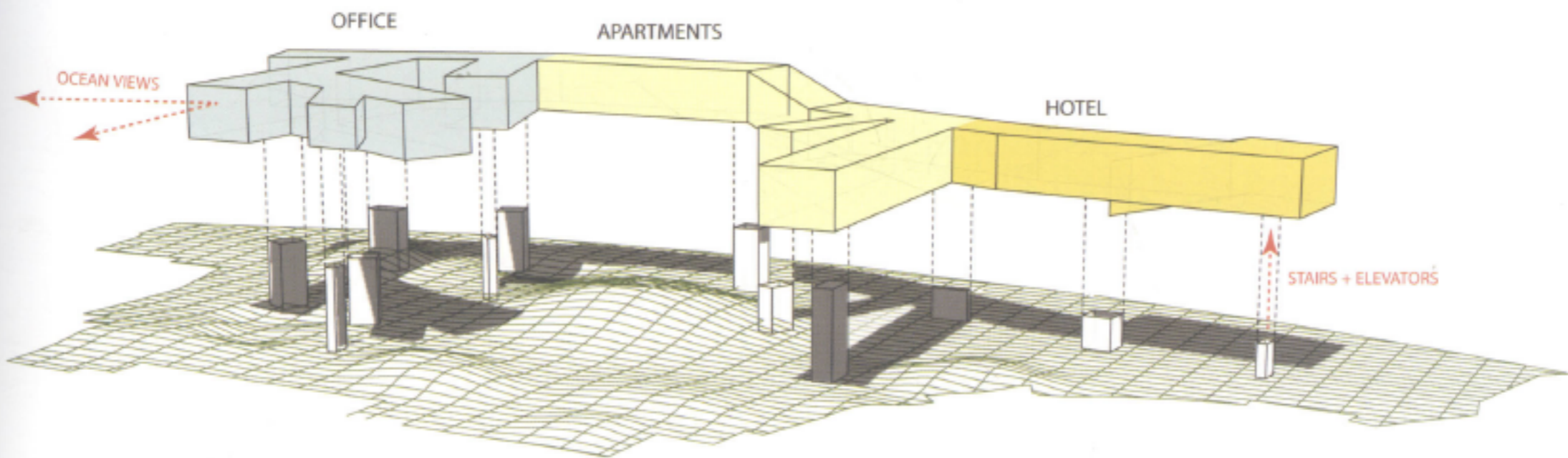




Maximize views
最佳視角觀察圖



Size comparison
大小比較



Maximize views and landscape
最佳視角與景觀圖