

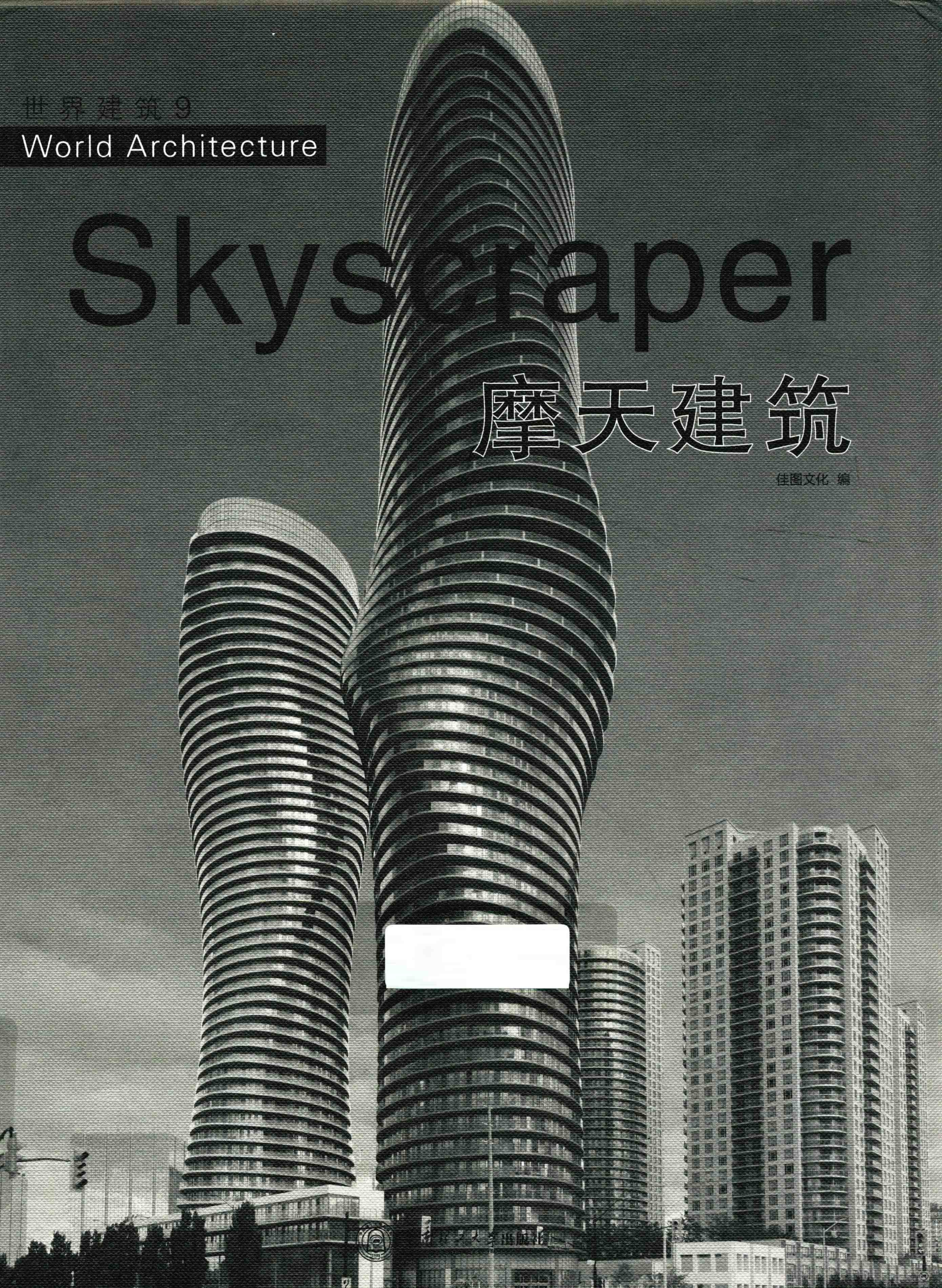
世界建筑 9

World Architecture

Skyscraper

摩天建筑

佳图文化 编



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·广州·

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Contents 目录

Commercial Complex 商业综合体

Kingdom Tower	002
王国塔	
One World Trade Center	010
世界贸易中心一号大楼	
Lotte World Tower	020
乐天世界大厦	
Diagonal Tower	028
对棱塔	
International Commerce Centre	034
环球贸易广场	
Edgar Street Towers	040
艾德加街大厦	
CCN Conference Centre Nantong	046
南通 CCN 会议中心	
Guangzhou West Tower	056
珠江新城西塔	
International Finance Centre	064
国际金融中心	
835 Sixth Avenue	076
835 第六大道	
Dorobanti Tower	084
多罗班蒂大厦	
Shanghai World Financial Center	088
上海环球金融中心	
Baiguan Plaza, Shangyu	094
上虞百官广场	
Sinosteel International Plaza, Tianjin	102
天津中钢国际广场	
Caiwuwei Finance Center	114
蔡屋围金融中心	

Commercial and Residential Complex 商住综合体

CTF Guangzhou	122
广州 CTF 大厦	
Busan Lotte Town Tower	126
釜山乐天塔	
The London Bridge Tower	130
伦敦桥大厦	

Dancing Dragons	142
龙舞双子塔	
Reforma 432 Residences	156
Reforma 432 公寓	
Dubai Mixed Use Towers	160
迪拜综合塔	
Wuxi Sunning Tower	166
无锡苏宁广场	
ChengDu Menli the Celadon	176
成都美林青瓷	
80 South Street	188
南大街 80 号	
The Index	198
指数摩天大厦	

Office Tower 办公建筑

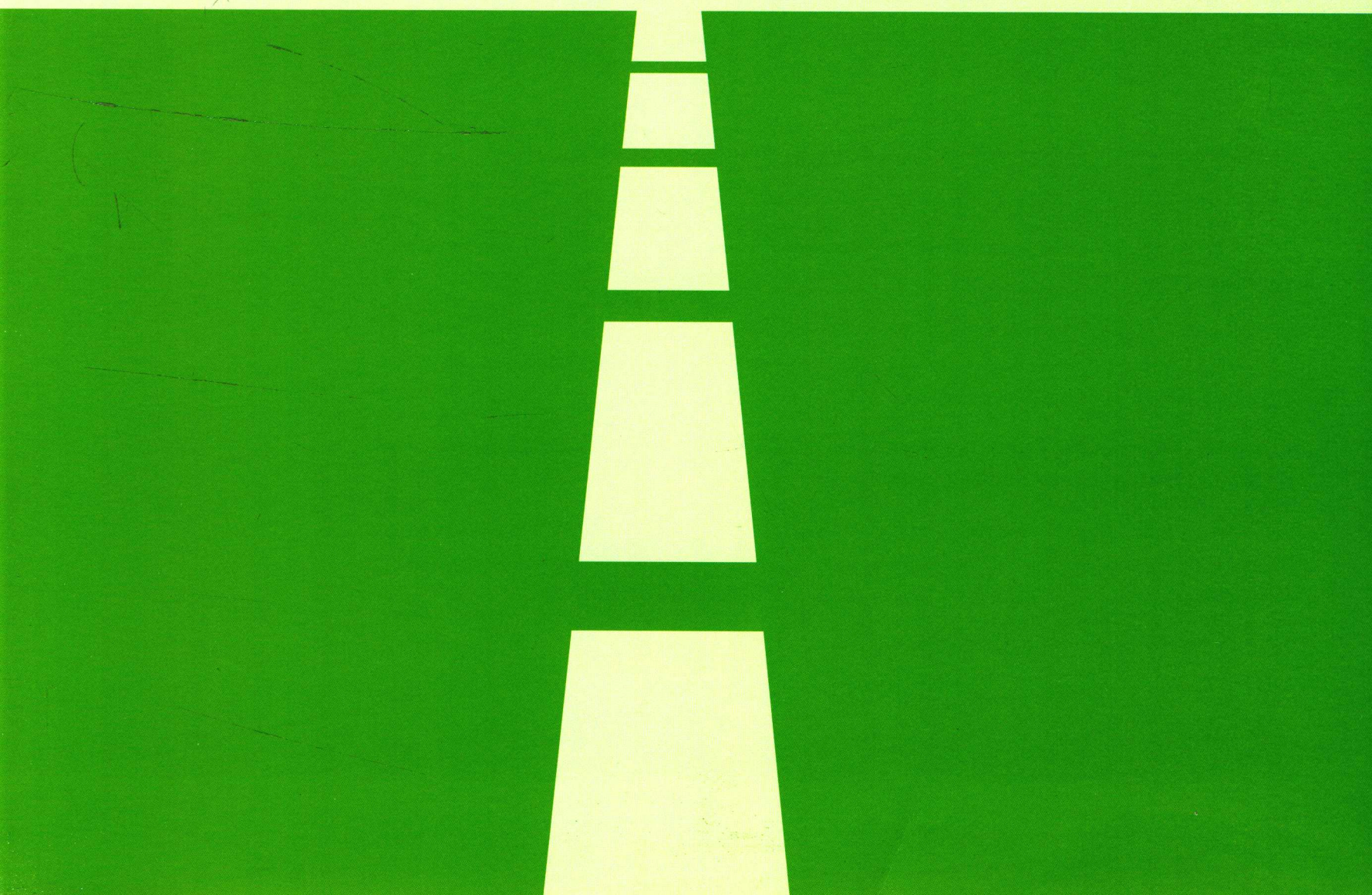
New Media Dubai	210
迪拜新媒体大楼	
Arraya Tower	216
Arraya 大厦	
Al Hamra Tower	222
Al Hamra 塔	
Shanghai Wheelock Square	228
上海会德丰国际广场	
Torre Iberdrola	238
Iberdrola 大楼	
SK Shanghai Headquarter	244
SK 上海区总部大厦	
Kaisa Fenglong Center	252
佳兆业丰隆中心	

Residential Tower 住宅

Absolute Towers	260
Absolute 塔	
D1 Tower and Canopy	266
D1 塔楼及其天蓬设计	
Princess Tower	272
公主塔	
Unit Fusion	286
融合单元	

Visual Impression
Structure
Advanced Technology
Multi Functions

视 觉 形 象
结 构 框 架
精 湛 技 艺
功 能 综 合



Keywords 关键词

Absolute Altitude 绝对高度

Sustainable Development 环境可持续

Slender Exterior 修长外观

Kingdom Tower

王国塔

Location: Jeddah, Saudi Arabia
Architectural Design: AS+GG

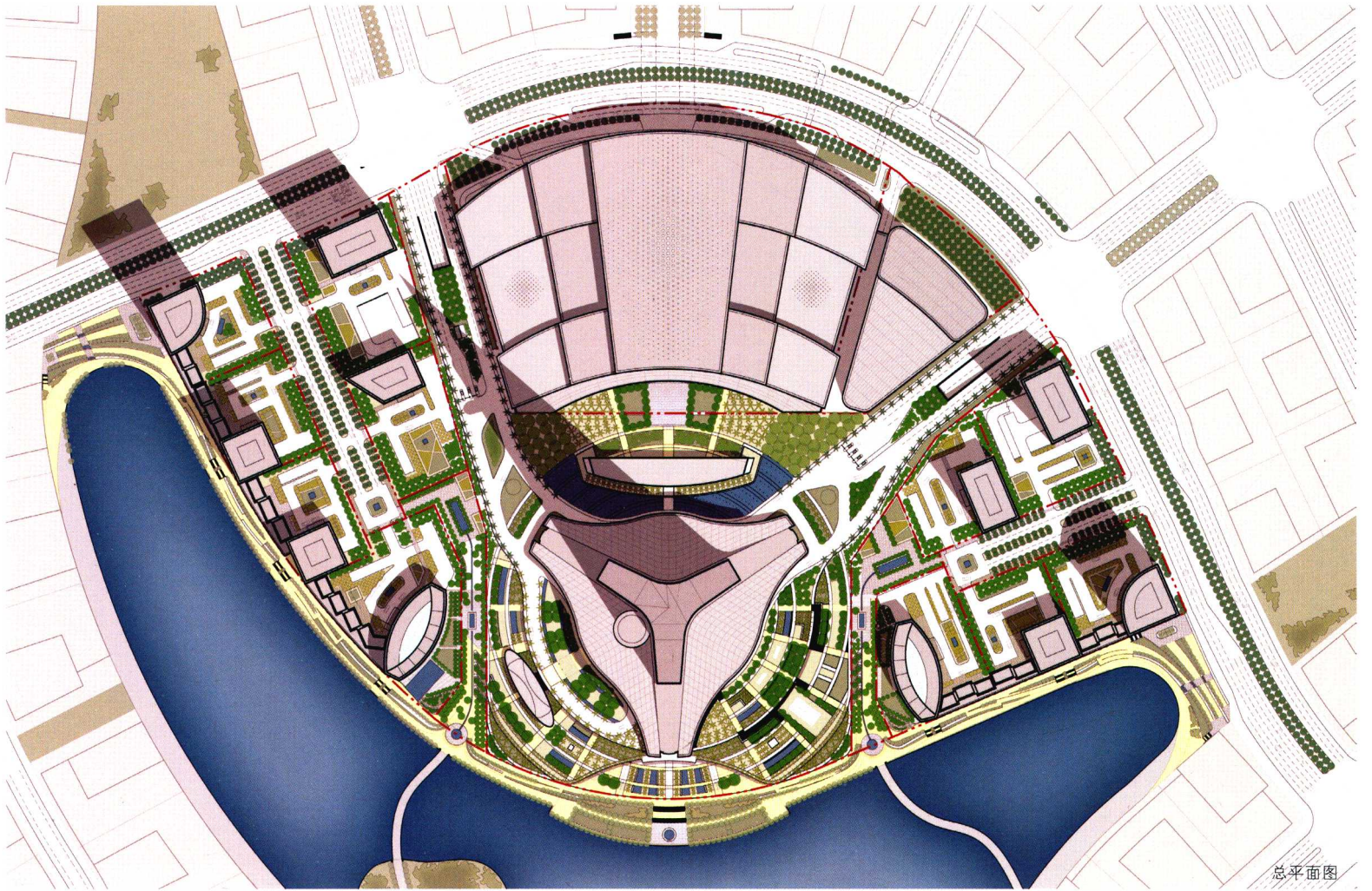
项目地点: 沙特阿拉伯吉达
建筑设计: AS+ GG

Chicago architecture firm Adrian Smith + Gordon Gill designed a powerful high-rise building, the Kingdom Tower in Jeddah, Saudi Arabia.

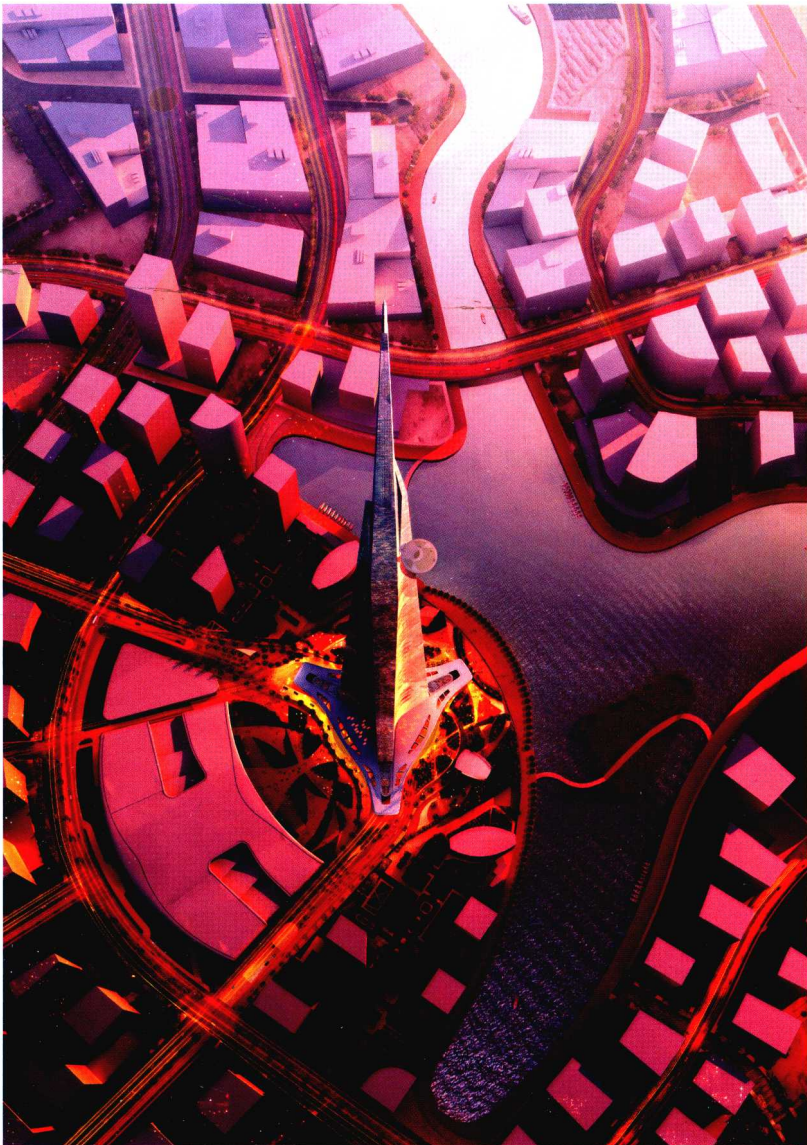
Upon completion, Kingdom Tower will be taller than the Burj Khalifa Tower to become the world's tallest building, the final height of the building will be available to the public until the completion of construction, but speculation is expected likely to reach 5,280 feet (nearly 1,600 m).

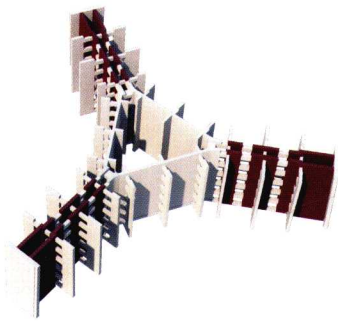
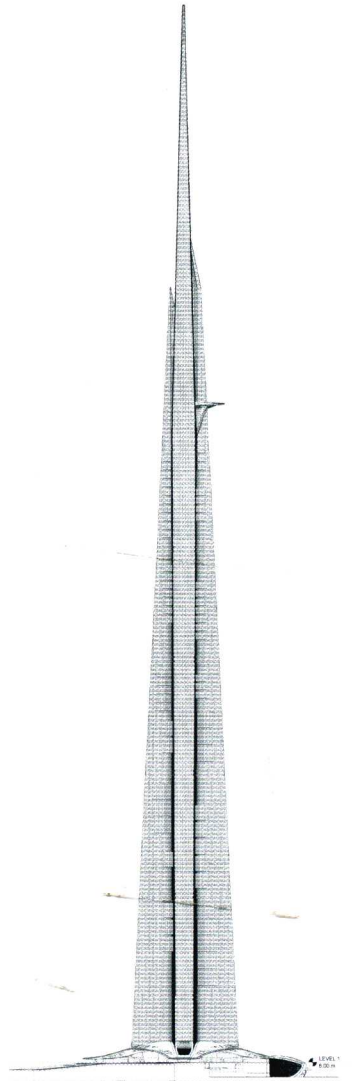
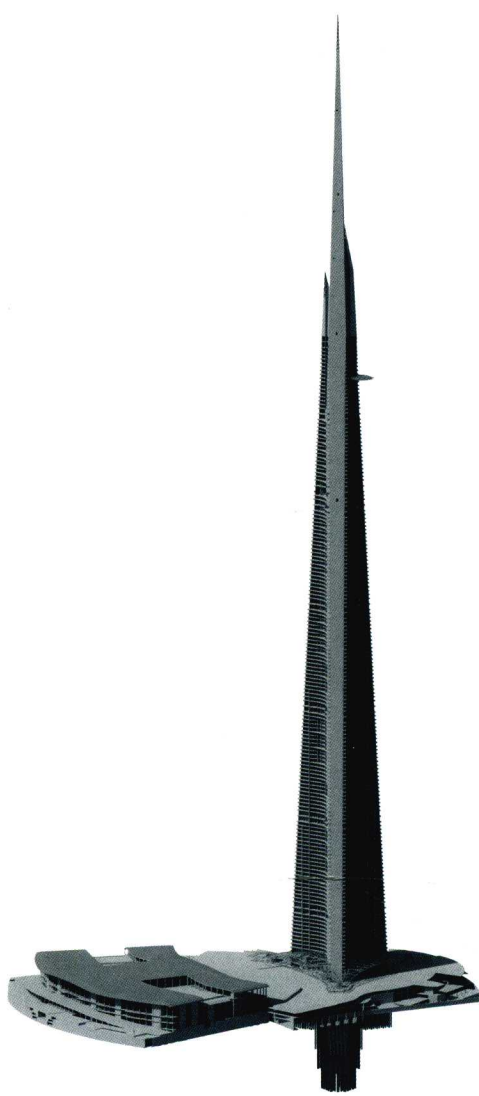
As part of the Kingdom of Saudi Arabia City revival project, "Kingdom Tower" stands a striking new landmark in this Red Sea coast city or even in the whole Arab world.

Slender shape of its outlook inspired from a local plant leave form, and blended in with the vast expanse of sand background. When completed, the building will include hotels, luxury restaurants, offices, and the world's highest observation deck.

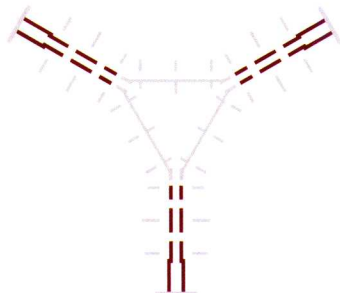


总平面图



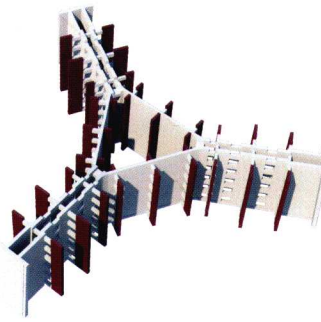


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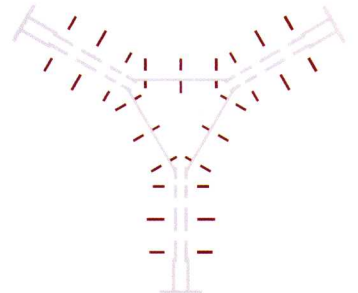


PLAN

TOWER CORRIDOR WALLS ①

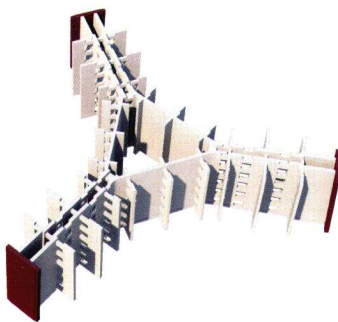


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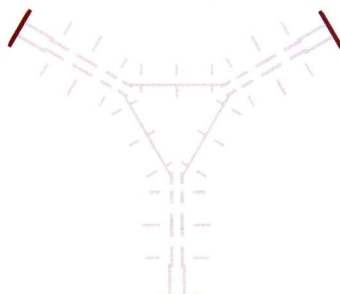


PLAN

TOWER FIN WALLS ②

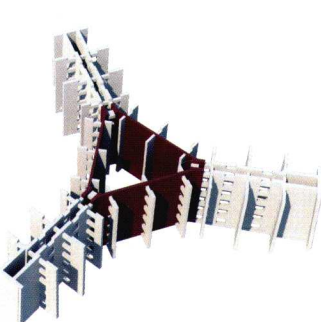


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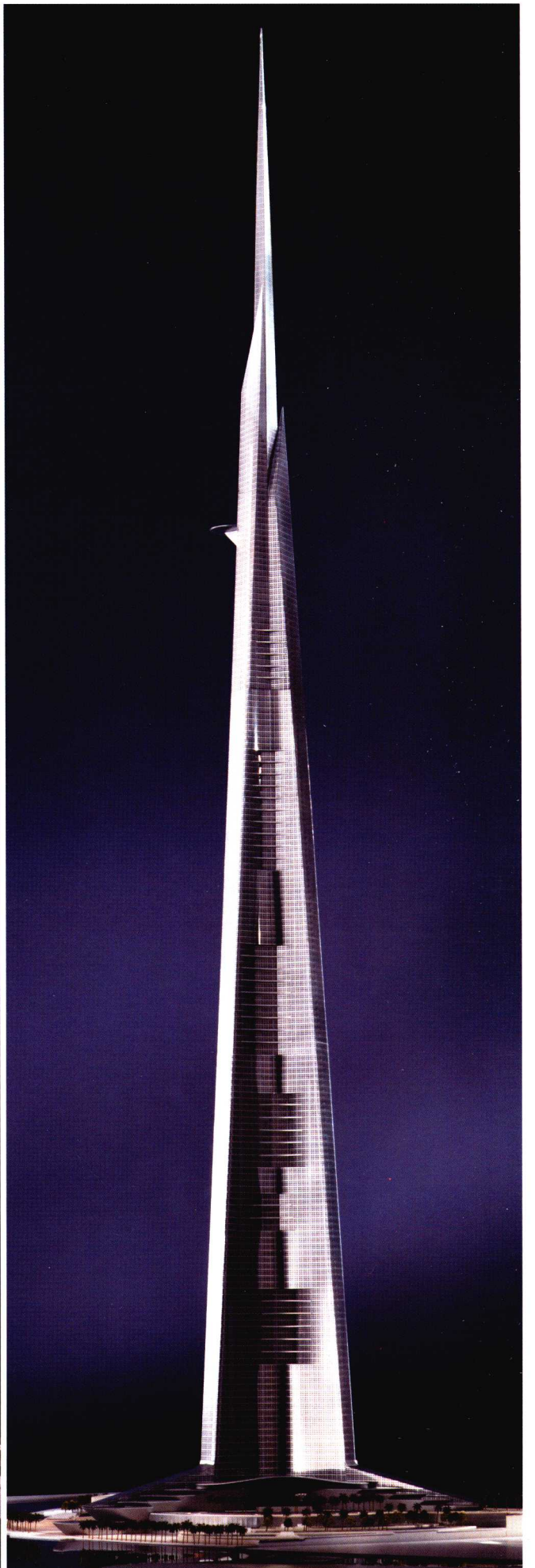
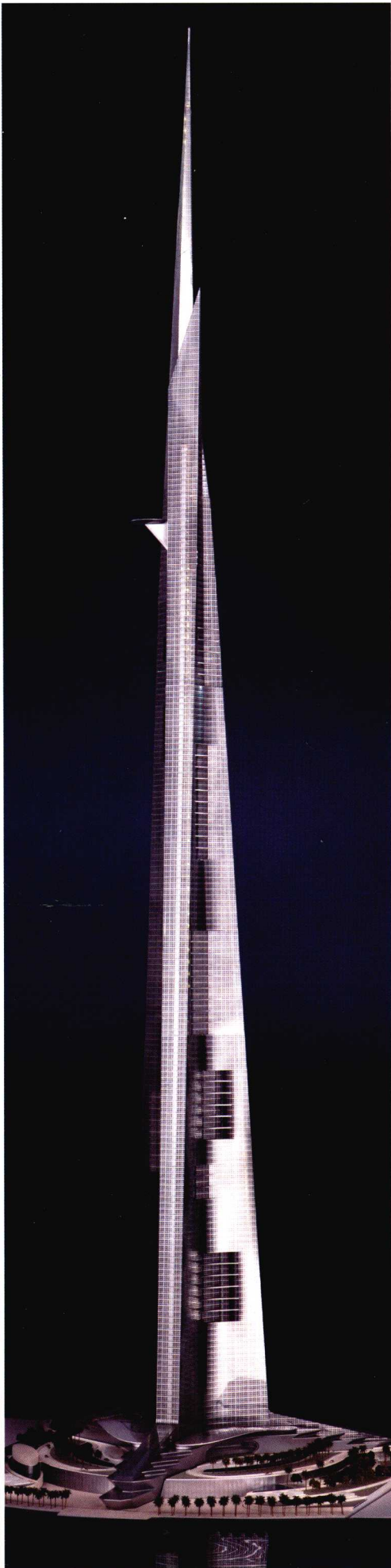
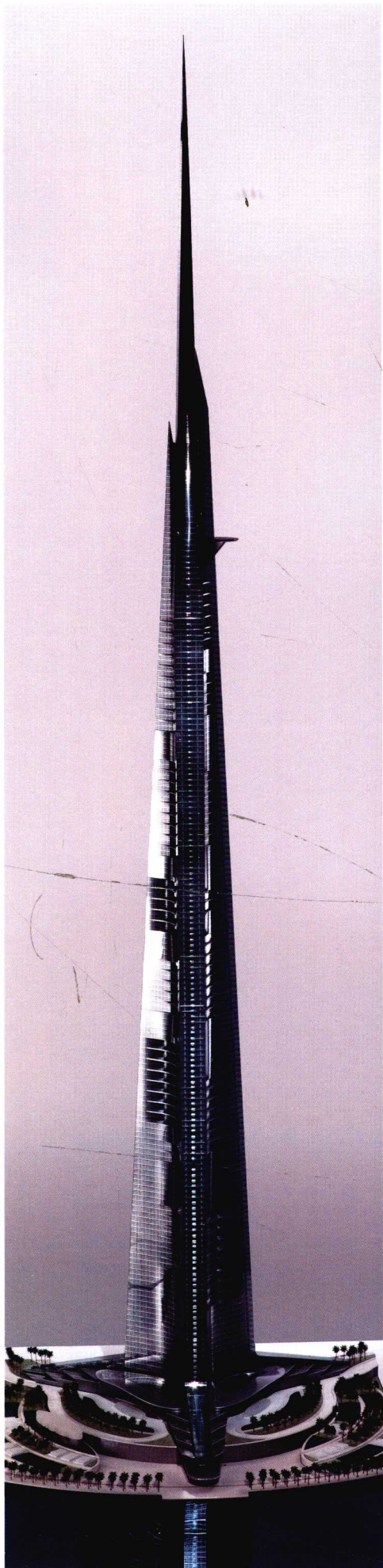


PLAN

TOWER END WALLS ③



TOWER TRIANGULAR CORE WALLS ④



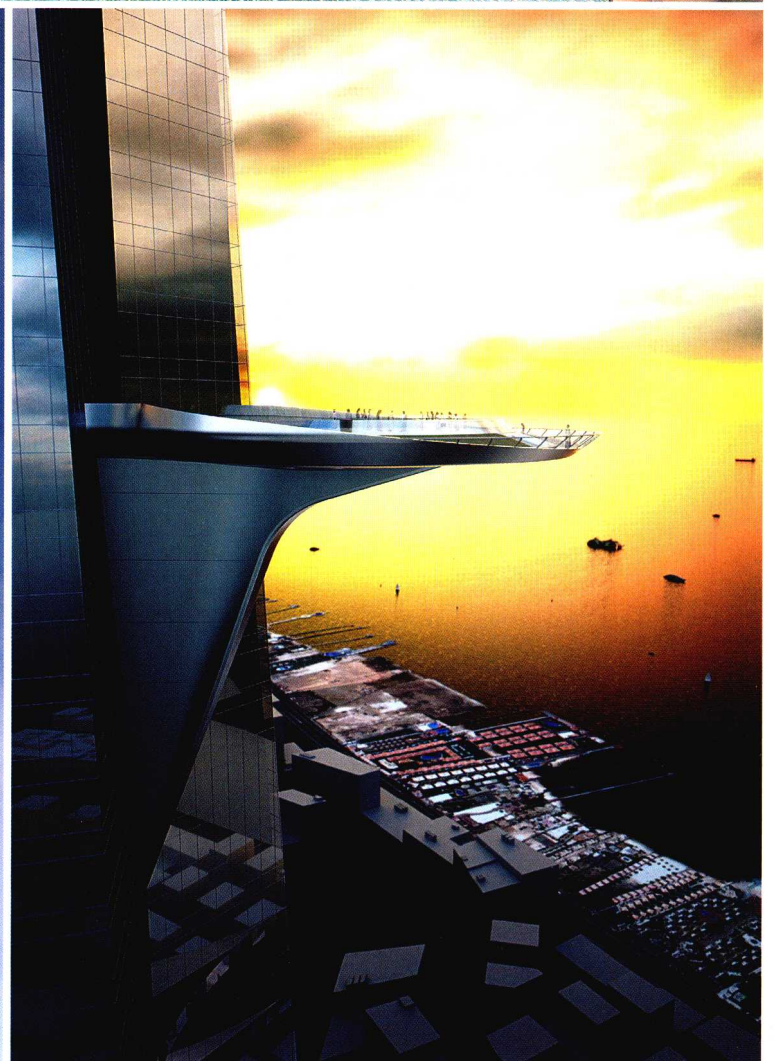
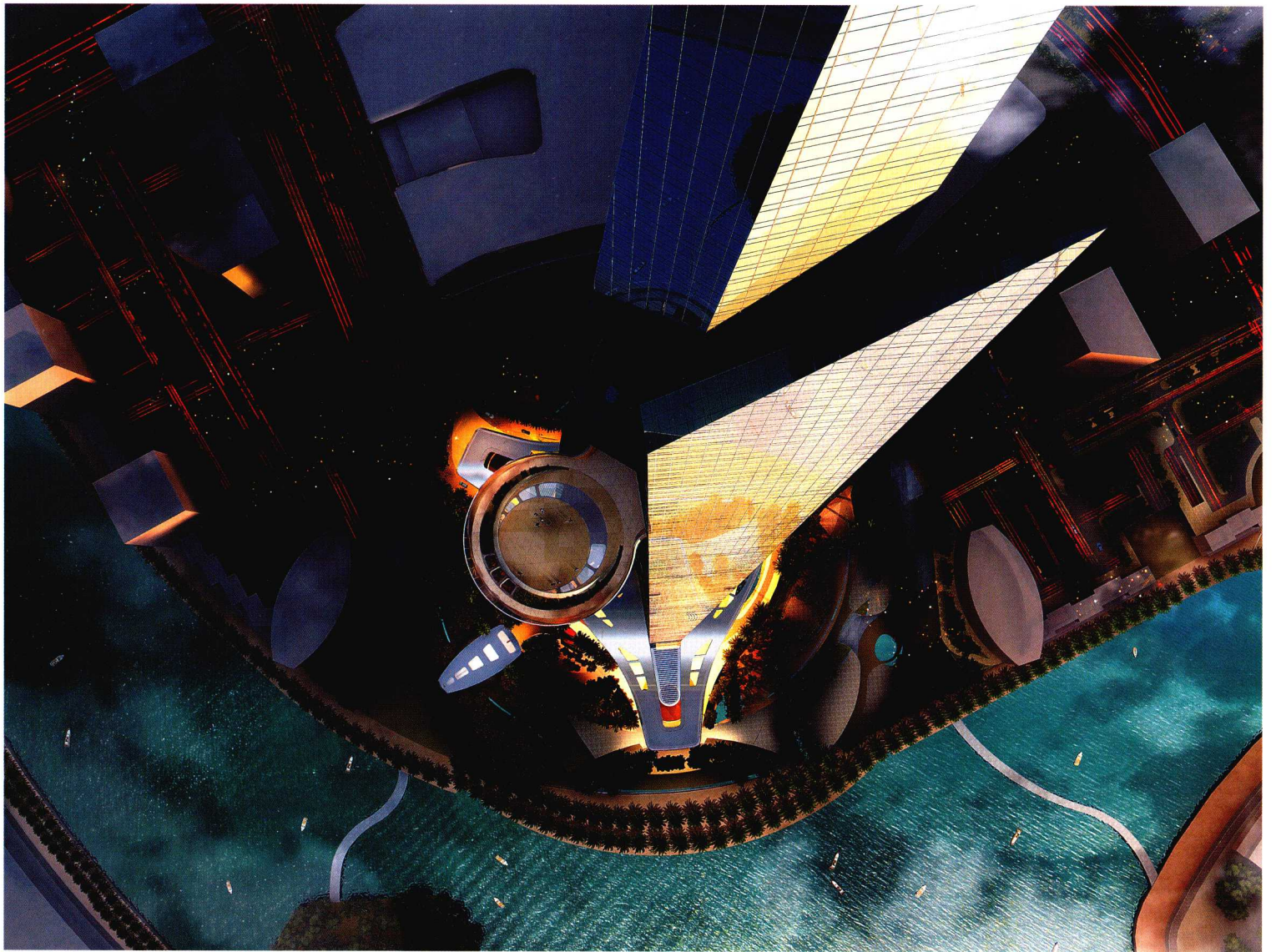


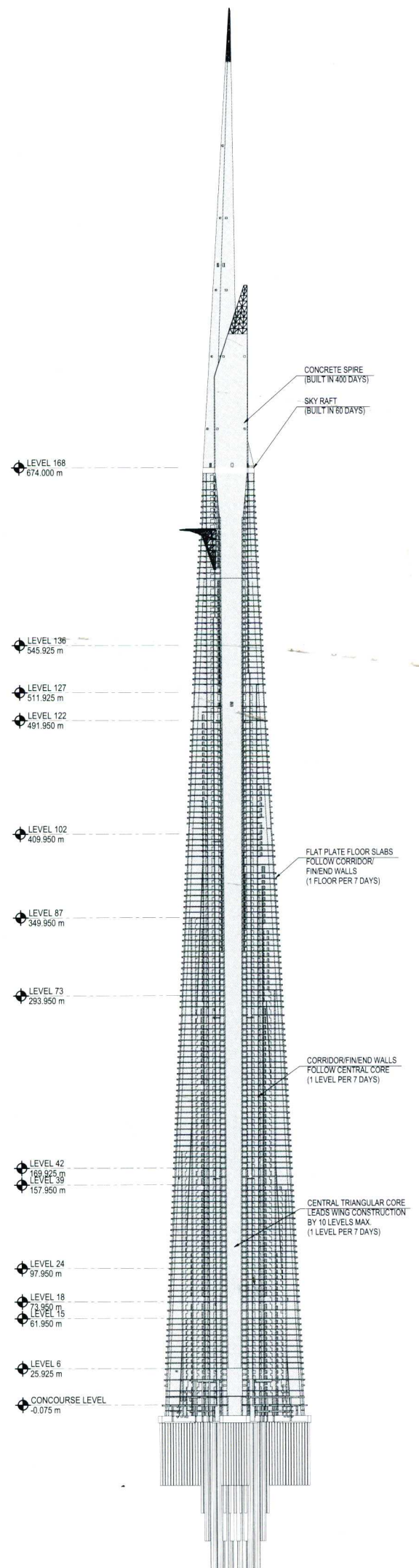
来自芝加哥的建筑事务所 Adrian Smith + Gordon Gill 在沙特阿拉伯的吉达设计了一座令人震撼的超高层建筑“王国塔”。

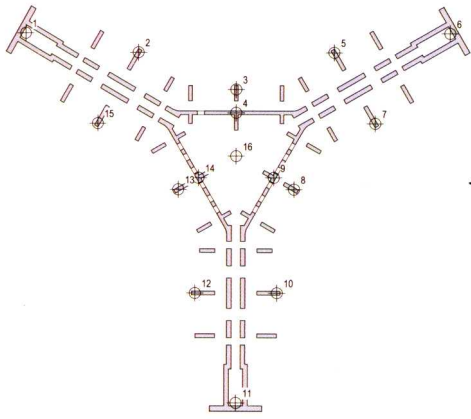
建成后，“王国塔”将超越迪拜哈利法塔，成为世界最高建筑，大厦的最终高度将在建设完工时才向公众公布，但猜测预计高度有可能达到 5 280 英尺（接近 1 600 m）。

“王国塔”将作为沙特阿拉伯王国城复兴项目的一部分，成为这座红海沿岸城市中引人注目的新地标，甚至是阿拉伯世界的新地标。

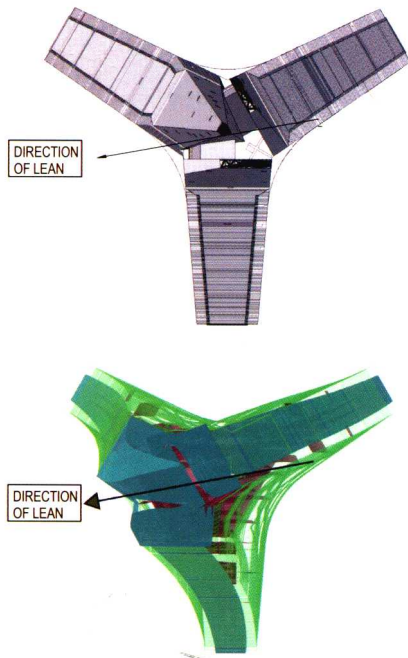
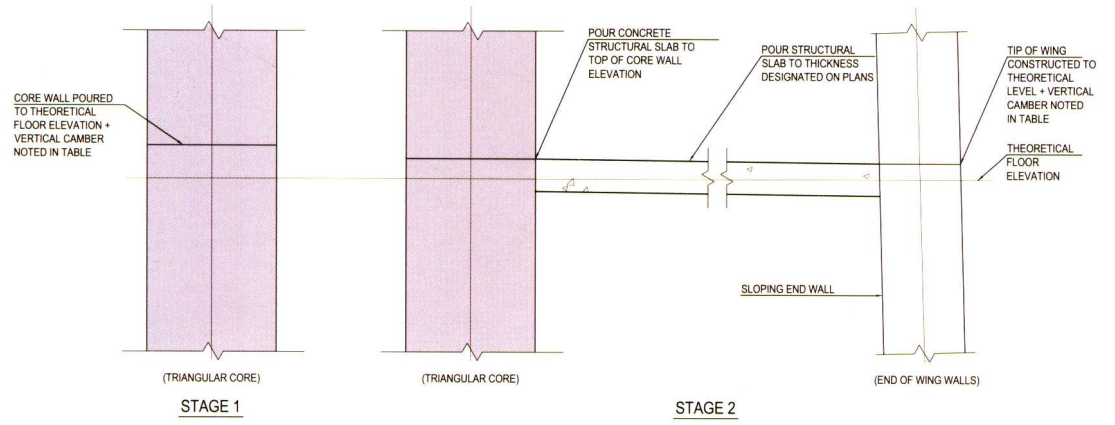
建筑修长的外形取自当地一种植物的叶子形态，并与广阔无垠的沙漠背景融为一体。届时大厦将包括酒店、豪华餐厅、办公室以及世界最高的瞭望台。



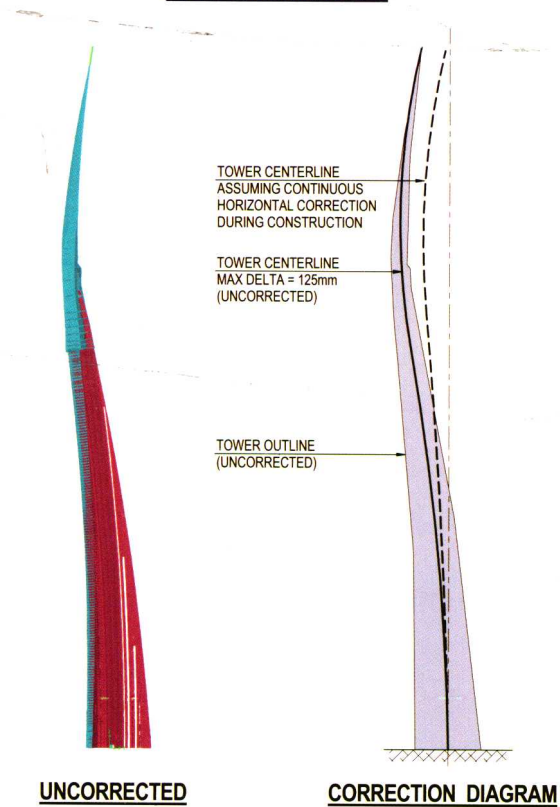
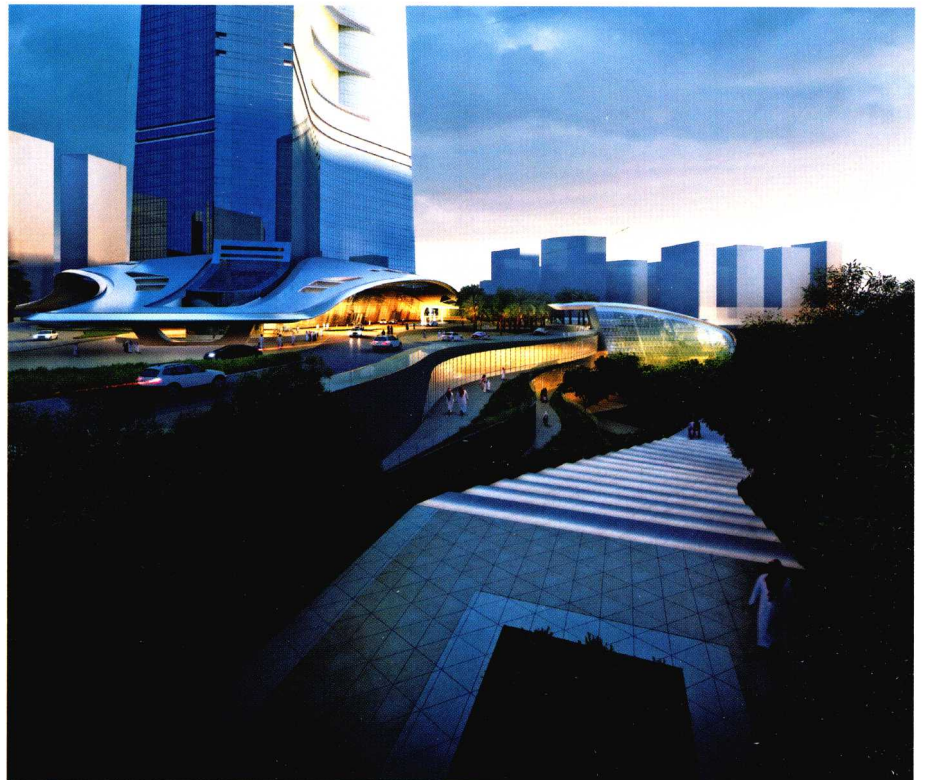




SCHEMATIC LOCATION OF SURVEY POINTS



PLAN - UNCORRECTED



PREDICTED GRAVITY DRIFT (MAGNIFIED SCALE)

Keywords 关键词

Metal Curtain 金属帷幕

Section Shape 切面造型

“Ultra-transparent” “超透明”
Glass 玻璃

One World Trade Center

世界贸易中心一号大楼

Location: New York City, New York, USA
Developer: Silverstein Properties Inc
Architect: Skidmore, Owings & Merrill
Floor Area: 2,600,000 sf (241,548 sm)
Floor Count: 104

项目地点: 美国纽约
开 发 商: 西尔弗斯坦地产公司
建筑设计: SOM
建筑面积: 241 548 m²
楼 层: 104

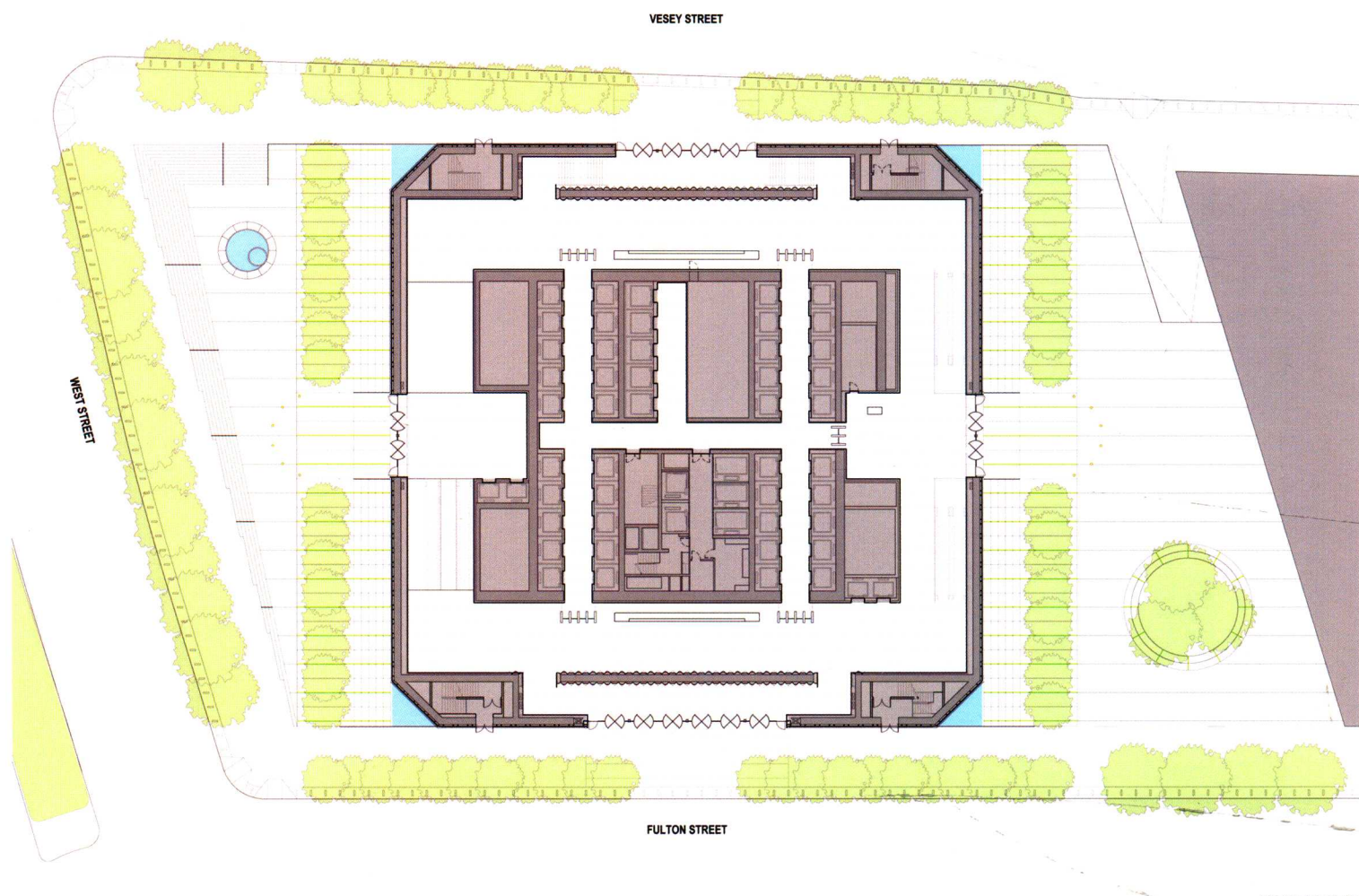
One World Trade Center (1 World Trade Center, 1 WTC, formerly known as Freedom Tower) is the primary building of the new World Trade Center complex in Lower Manhattan, New York City, New York. The building's antenna/spire complex brings One World Trade Center to a pinnacle height of 1,776 feet (541 m), a figure symbolic of the 1776 United States Declaration of Independence.

From a different angle view, One World Trade Center sometimes looks like the original rectangular Twin Towers, from some angle then looks like a huge obelisk. Deflected 45 degrees between bottom and top walls, the tower has staggered triangular facets. Made of stainless steel and titanium, the reflective metal curtain facade will flash a variety of light, when the sun across the sky, shining on it.

While the whole building windows uses the “ultra-transparent” glass to catch more natural light, its thermal effects yet to be assessed. Although the top of the building area is quite limited, One World Trade Center will still install a rainwater recycling system.

In addition, on the tip of the tower will have a strong beam to shine in the night sky, shining far above 1,000 feet (300 meters). Such a strong beam of light in New York City where should not be deemed as light pollution in the eyes of astronomers, because the night sky in New York City has long been a city that never sleeps, not a place for astronomical observations.





地面层平面图

