01 设计构思
DESIGN CONCEPT
Shenzhen will join hands with Guangzhou and Dongguan to create a "science-innovation corridor", which will be over 100 kilometers. In the future, the Guangzhou-Shenzhen science-innovation corridor will be built and developed into a new engine and new driving force for the Greater Bay Area metropolitan area through the in-depth integration of various technological innovation elements.
1.5 建筑环境分析图 Built environment analysis diagram

**地块边界**
Boundary

New land development arranges quantities setting a boundary and accessibility.

**内退红线**
Offset

The boundary become an invisible wall that, if replicated, empower isolation between different urban projects.

**建筑孤岛**
Objects

Buildings rise within the closed boundary where ground experience is limited.

**剩余空间**
Left-over

Along this process, the ground become a left-over space, limiting the possibility to unite building and landscape into a unique environment.

包围新开发地块的道路在提供了可达性的同时，也生成了地块周围的边界。

道路边界成为了一堵看不见的墙。如果继续向内退缩形成围墙，将会加强不同城市项目间的隔阂。

在封闭的边界里，好像孤岛一般，被建造在单调的地面环境上。

随着这一设计和建造过程，小区的地面成为了一种剩余空间，这大大缩小了将建筑与地面景观整合成为独特的环境的可能性。

Along this process, the ground become a left-over space, limiting the possibility to unite building and landscape into a unique environment.
FROM THE CITY OF OBJECTS TO THE CITY OF SPACES

Giving priority to land management and connections to the proposal, the single project will promote a larger influence on the context. In this way it is possible to pass from “single objects” to “connected spaces”, letting future citizens to be part of the development.
1.11 概念轴测 Axonometric
1.12 总平面图 Masterplan - rooftop
2.2 项目结构图 Project structure diagram

三种系统
THREE SYSTEMS

整个项目基于在三个主要层次之上：公共空间、半公共空间和私密空间。它们的重叠定义了项目的结构策略，其中综合和人员运动让它们在不同部分之间产生协同作用。该项目的主要重要元素是架空层公园，是公共和私密空间的交叉点，让自然主导项目的发展。

The entire project is built on the creation of three main layers: fully public, public-private, and private spaces. Their overlapping defines a project structure strategy where integration and human movements let them to create synergies between different parts. The main important element of the project is dedicated to the suspended park, where private and public meet, giving nature the primary role of the development.
2.3 方案结构图 Program structure diagram

主要功能
MAIN FUNCTIONS

办公 Office

人才房 Talents house

商品房 Commodity housing

回迁宿舍 Resettled dormitory

回迁厂房 Resettled plant building

屋顶花园 Roof Garden

商业 Commerce

公共配套 Public supporting facilities
6.6 裙楼设计 Basement concept, shape and design
6.2 Green Roof Platform Basement concept, shape and design

FUNCTIONAL BUILDING SPACE IS EMBEDDED INTO THE GREEN PLANT PLATFORM

The function is embedded exploiting the space under the ground.

The main access road network is set up under the green hillside, vibrant roads and alleys animate the new district.

Under the hill a network of vibrant roads and alleys animate the new district.
6.3 Public space facilities distribution / Distribution of facilities on open space plan

Environmental landscape design

Fucheng Guanlan Industrial Reserved Industrial Land Project of Meiguan Innovative Industry Corridor Plot 01, Plot 02 and Plot 03
6.4 绿色屋顶平台 Basement concept, shape and design

一个以社区为中心的山丘
A HILL FOR THE COMMUNITY

Panoramic Walkway

Gentle slopes

Sport courts

Inner courtyards

总体布局
General layout plan
The suspended park represents a “surface in action”. It has the potentialities to host solutions where water conservancy and recycling and open-air activities are combined. What would have been a simple left-over space is transformed into a technological machine, where innovative landscape solutions stay together with the ways people experience it, creating a diffused social awareness around the topic.
3.3 办公塔楼 - “风筝” Office tower - The Kite

关键组件和功能
KEY COMPONENTS AND FUNCTIONS

空心混凝土核心，垂直桁架梁和周边柱
Hollow concrete core, vertical truss beams and perimeter columns

电梯井
Elevator shafts

主结构楼板/避难楼板，带有水平桁架梁和用于悬挂楼板的拉杆
Main structural floors / refuge floors with horizontal truss beams and tie rods for suspended floors

楼层
Suspended floors

倾斜玻璃幕墙
Inclined glass facades

带有集成光伏板的水平遮阳板和屋顶
Horizontal sunscreens and roof with integrated PV panels

Architecture design
The distinctive kite shaped plan of the building, is built around an hollow structural core oriented to channel the prevailing breezes and reduce the overall thermal load. Openable windows controlled by sensor will regulate the fresh air intake.
The building is capped by a Kite shaped, inclined roof with integrated PV panels oriented to exploit the sun for energy production. Openable louvers can help dissipate heat as needed.

Conceptually generated by the intersection of the horizontal floorplates of the building and its inclined glass facades, the horizontal sunscreens are deeper at the top of the building, where sun radiation is more intense. They can be integrated with PV panels to support the energy autonomy of the building.
3.3 办公塔楼 - “风筝” Office tower - The Kite

- 顶层公共观景平台
  Public platform
- 绿建遮阳板
  Sun louver
- 平台层门厅
  Entrance on platform
- 光伏板
  Photovoltaic panel
- 空中花园
  Garden in the air
4.5 超高层产品 Super high rise product

T6合用电梯厅: 85 + 85 + 95 + 95 + 115 + 125

户型特点:
- 标准化设计逻辑，成本集约
- 极致面宽，全三面宽以上产品
- 电梯厅全明，自然采光通风
- 洄游动线创新中岛双厨房设计
- 双阳台、双开间阳台
- 独立衣帽间主卧大套房
- 多元化可变空间
- 户型方正，空间舒适

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1. INTERIOR FUNCTIONAL ZONING

The function of the residence revolves around a central shared family space. Residents are led into the home by an epidemic-proof foyer for cleaning, ensuring a safe and comfortable indoor living environment. The shared family space consists of the LKD guest kitchen and multi-functional space. The doors can be flexibly separated into a gymnasium, children’s room, etc., and can be integrated into one space as an indoor playground. The bathroom, multi-purpose room and master bedroom are arranged around the shared family space, complementing the shared space in the form of plug-ins, which are responsible for living and resting functions.
4.8 住宅居住空间的创新 Innovation in residential habitat spaces

- 防疫玄关 Anti-Epidemic Entrance
- 舒适卫浴空间 Relaxing Bathroom
- 家庭共享空间 Family Shared Space
- 家庭共享空间 Family Shared Space
- 中西一体厨房 Open Kitchen
- 私密休憩空间 Private Bedroom
Fucheng Guanlan Industrial Reserved Industrial Land Project of Meiguan Innovative Industry Corridor Plot 01, Plot 02 and Plot 03
5.1 技术经济指标 Masterplan quantities

Resettled industrial shed: 65511 sqm
R&D Factory: 78036 sqm
Dormitory: 61080 sqm
Supporting facilities: 440 sqm
Underground garage: 20327 sqm
5.2 地块 3 - 创新型生产及生活 Plot 3 - Innovative production and living

The scheme is designed to create linked paths on multiple levels, both at the base of the buildings and on top of the roofs, which are connected through a system of modular steel frames.
Plot 3 is conceived as a self sufficient organism where people can live and work in harmony. An interconnected system of gardens, vegetable gardens and hydroponic farms on multiple levels brings nature and locally grown fresh food into the everyday life, promoting well being.
The suspended park is designed to have multiple platforms linked by roofed portions that allow multi-level accessibility and distribution. The park is not a defined plaza but a series of locations where residents and visitors can access and enjoy open-air facilities.
6.13 方案图解 Unpacking the proposal

LANDSCAPE SPACE – LIVING NATURE ALL TOGETHER
THANKS FOR LISTENING