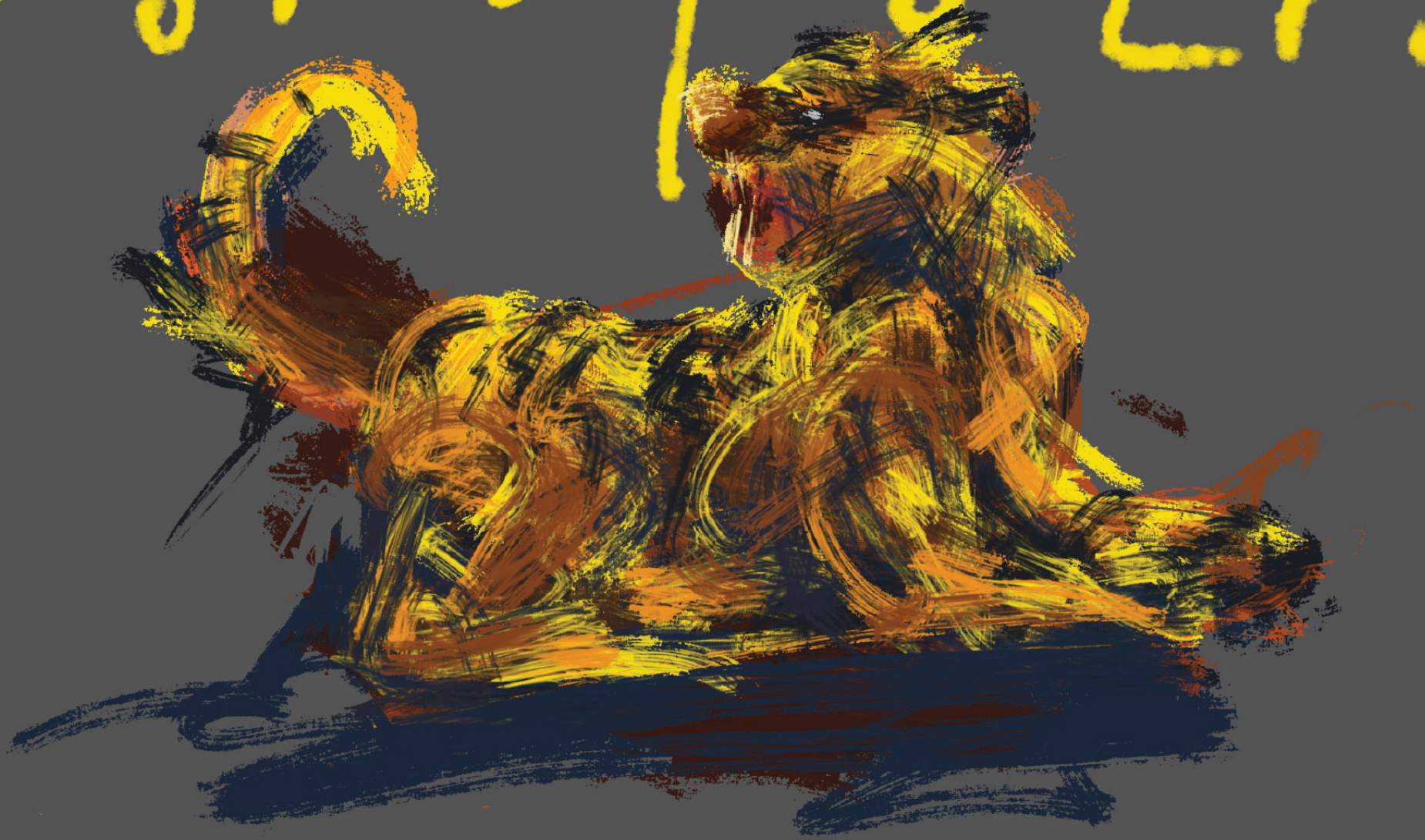
Portfolio



L T

壬寅正月初十

TE LI

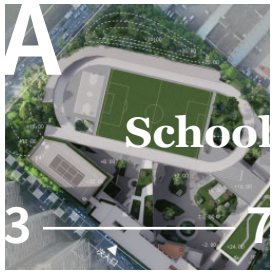
http://www.teli.es
2330265@tongji.edu.cn

2023-now Tongji University
Master's Student in Architecture (Track A9 – Intelligent Design and Construction)

2025/02-2025/07 Exchange Program
ETSAM, Universidad Politécnica de Madrid

2018-2023 Tongji University
B.Eng. in Architecture

2018-2019 Physics
2019-2023 Architecture
2021-2023 Minor in Artificial Intelligence

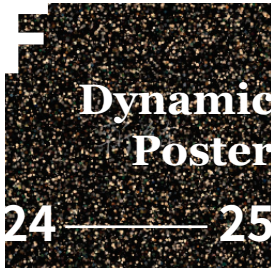
















2022/10-2022/12

Hillside Nine-Year Integrated School

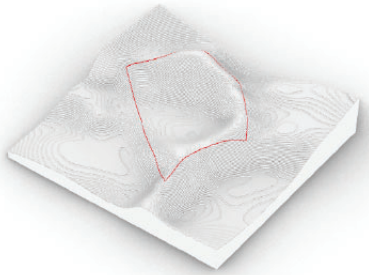
Solo Projects

Academic Advisors: Li Li, Zhang Qiao

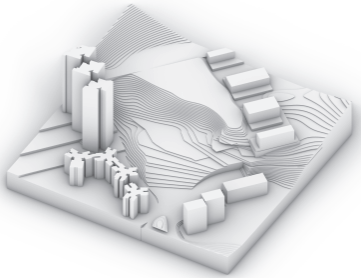
Total Floor Area: 44,000 m²
Program: 45 Classes / 2,100 Students

- Teaching & Auxiliary: 33,000 m²
- Student Services: 5,000 m²
- Staff Housing: 2,000 m²
- Underground Parking & MEP: 7,000 m²



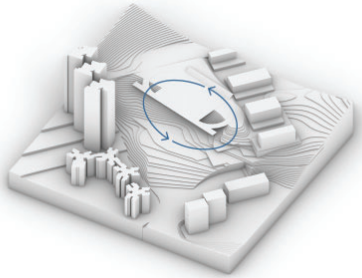


Original Topography

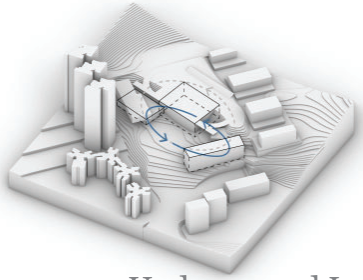


Modified Topography

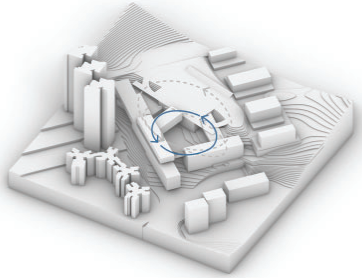
▶ Design Strategy



Surface Loop



Underground Loop



Skywalk Loop

1. The originally three-sided enclosed topography is opened up toward the southeast road.

2. A 300-meter track is placed on the elevated terrain, creating the first Surface Loop between the low-lying entrance courtyard and the high-placed track.

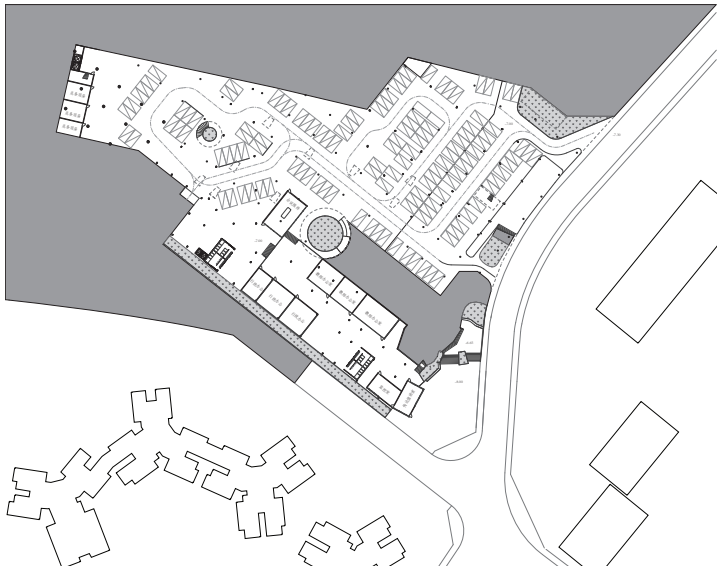
3. The gymnasium, dining hall, and junior high teaching block on the southeast form the second Underground Loop.

4. The primary school teaching block is arranged along the western road, connected to the stadium via elevated corridors, establishing the third Underground Loop.

The main entrance is located along the southern road, with the primary school wing and junior high school wing flanking either side. Functional corridors seamlessly connect the campus facilities, while enclosing a central three-dimensional courtyard at varying elevations.

▼ Site Plan





▲ **Parking Plan**

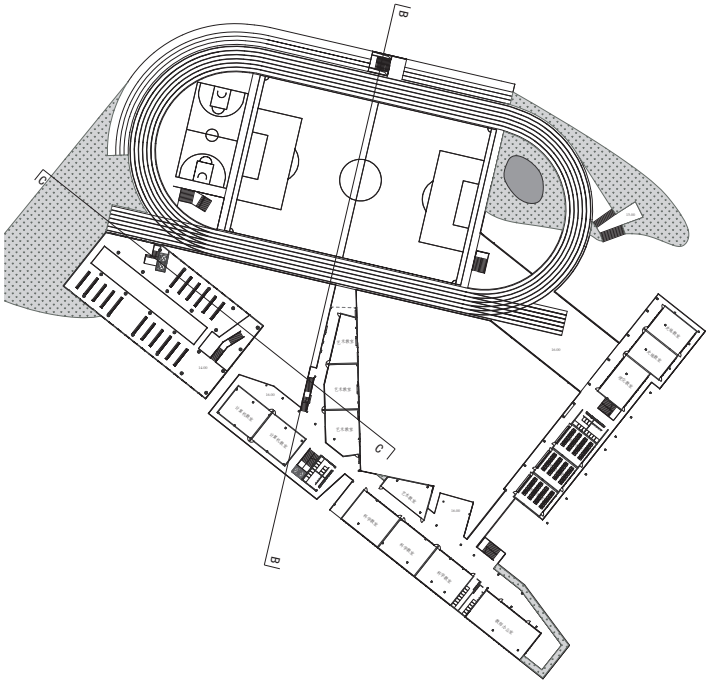


▲ **First Floor Plan**

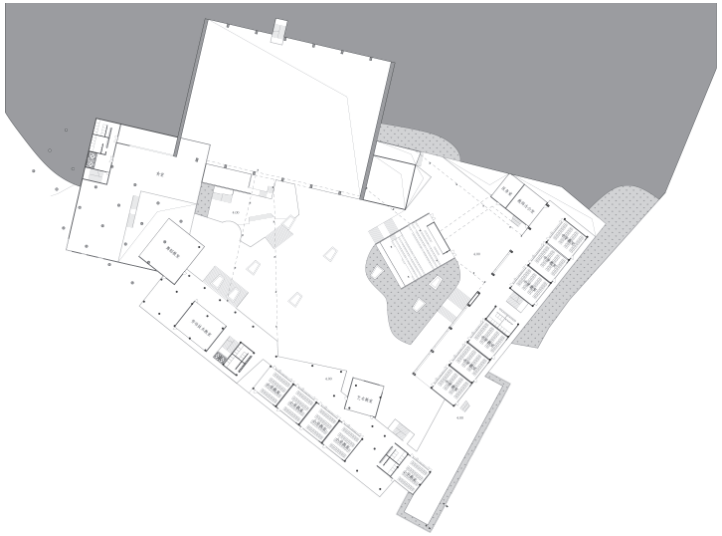
The courtyard permeates toward higher elevations in the northwest and northeast directions, while the playground points toward the mountain park on the northwest.

0 10 20 50m

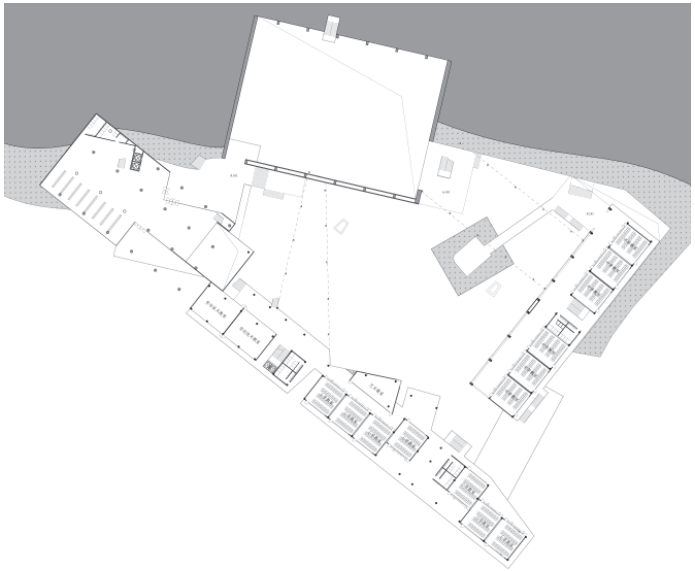
▼ **Fifth Floor Plan**







▲ **Second Floor Plan**

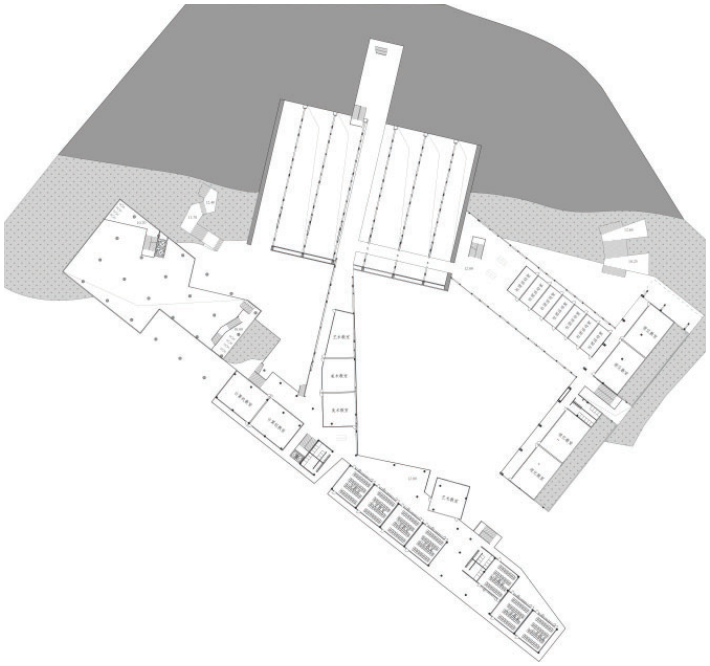


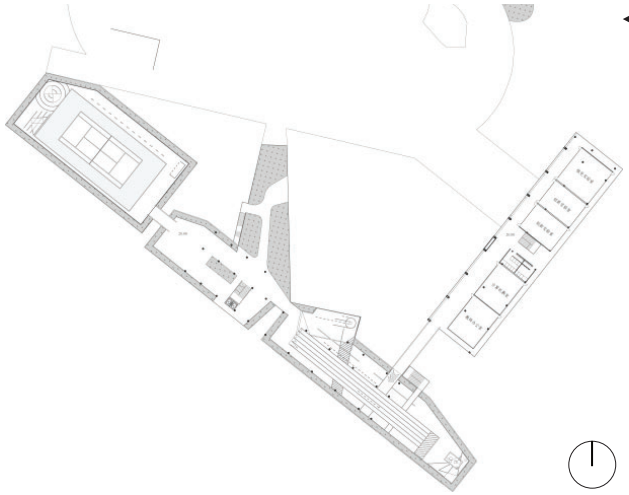
▲ **Third Floor Plan**





▼ **Fourth Floor Plan**



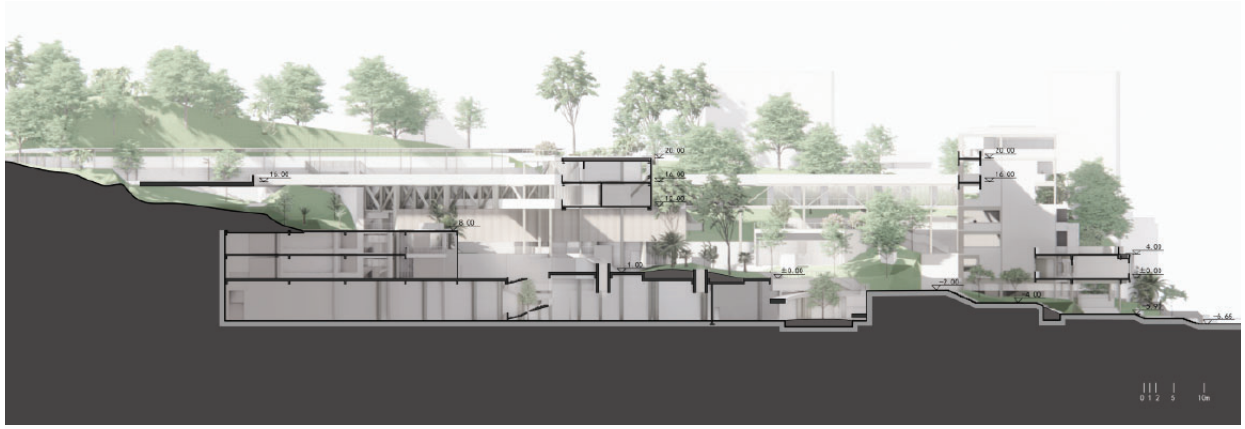


◀ **Sixth Floor Plan**



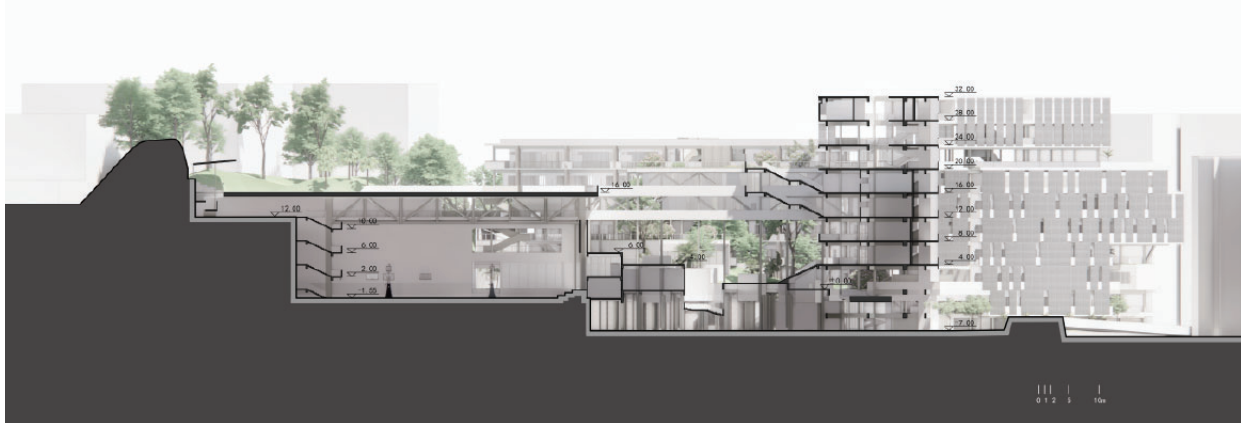
0 10 20 50m

▲ **Eighth Floor Plan**

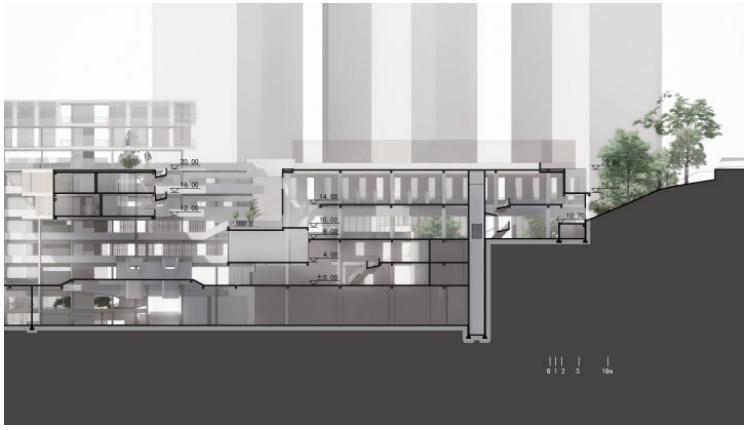


▲ **Section A-A**





▲ **Section B-B**



▲ **Section C-C**



2023/03-2023/06

Renovation Design of No.33 Gulou West Street

Team Project

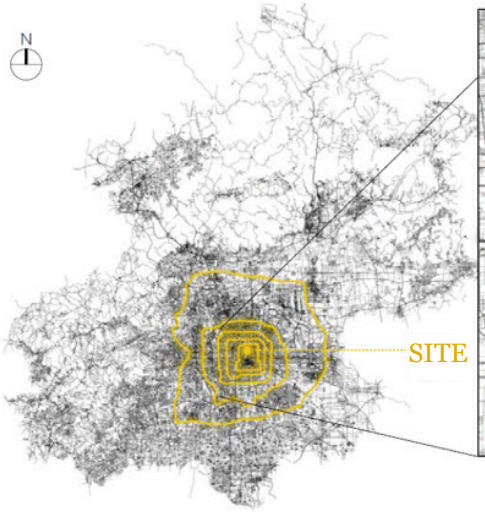
Advisor: Yan Jun

Team Member: Xiao Lijun

Total Floor Area: 1,200 m²

- Community Theater: 150 m²
- Light Dining: 300 m²
- Day Café & Night Bar: 300 m²
- Neighborhood Center: 100 m²
- Heritage Tree Courtyard: 200 m²

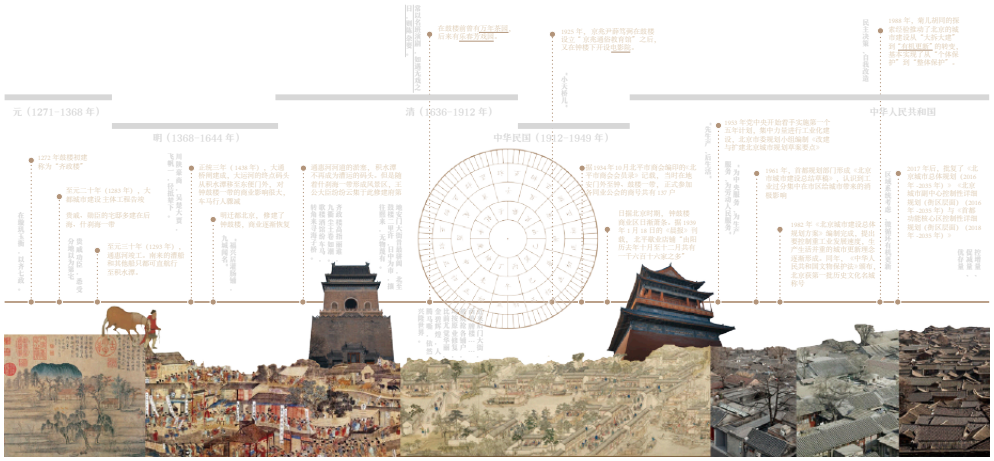
Situated near the Drum Tower at the terminus of Beijing's Central Axis, the project sits at the boundary between the Shichahai scenic area and the historic residential neighborhood. Through historical research and site analysis, the design proposes a hybrid building typology centered on a theater, accommodating both tourists and local residents.

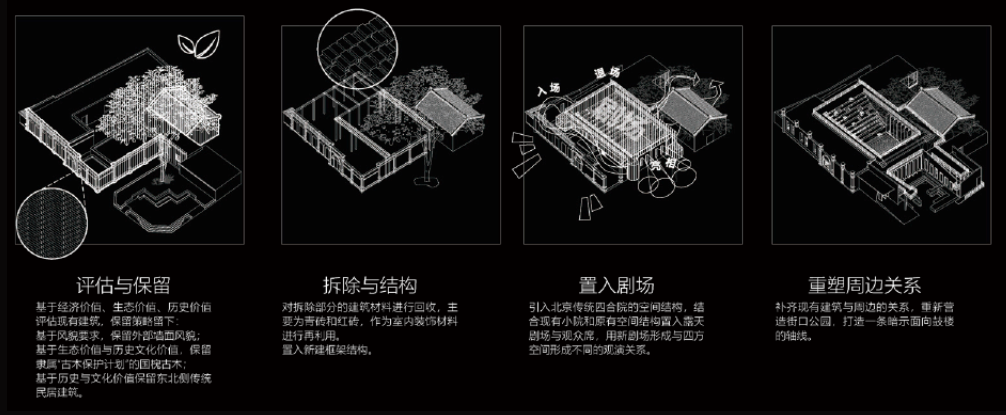


Site in Urban Context
Base Map: OpenStreetMap



The Drum Tower and Beijing's Central Axis
Image Source: Beijing Central Axis Official Website





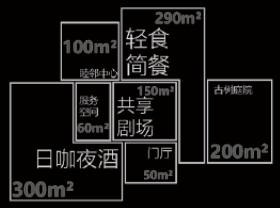
"12 Hours of Gulou"

Urban Activity Generator Based on Sharing Economy

"Drama Unites"



"Sharing Economy"

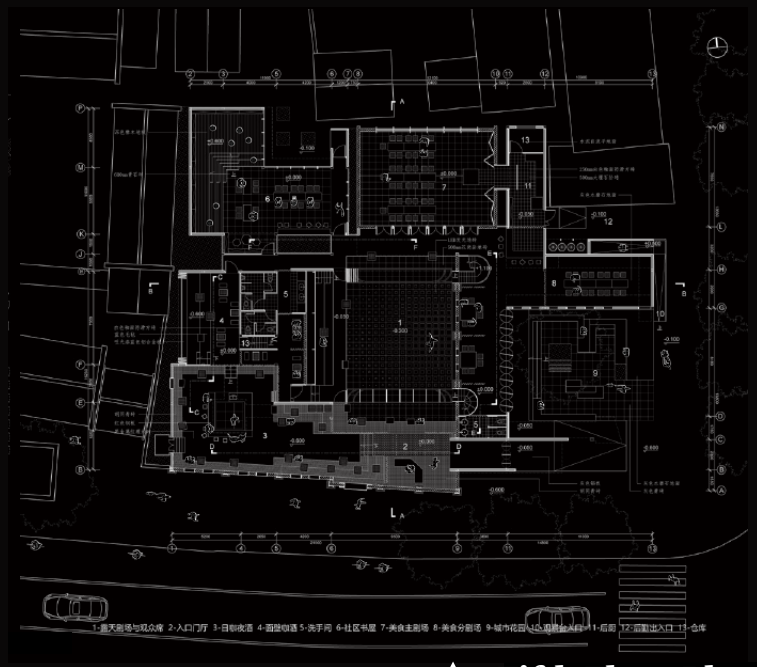


"Day-Night Flip"





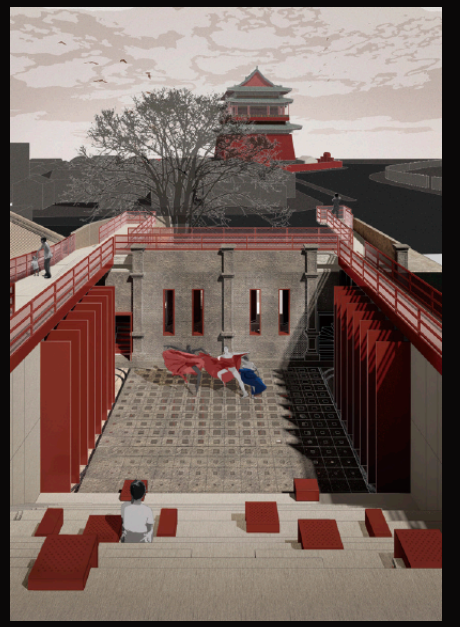
▲ Site Plan

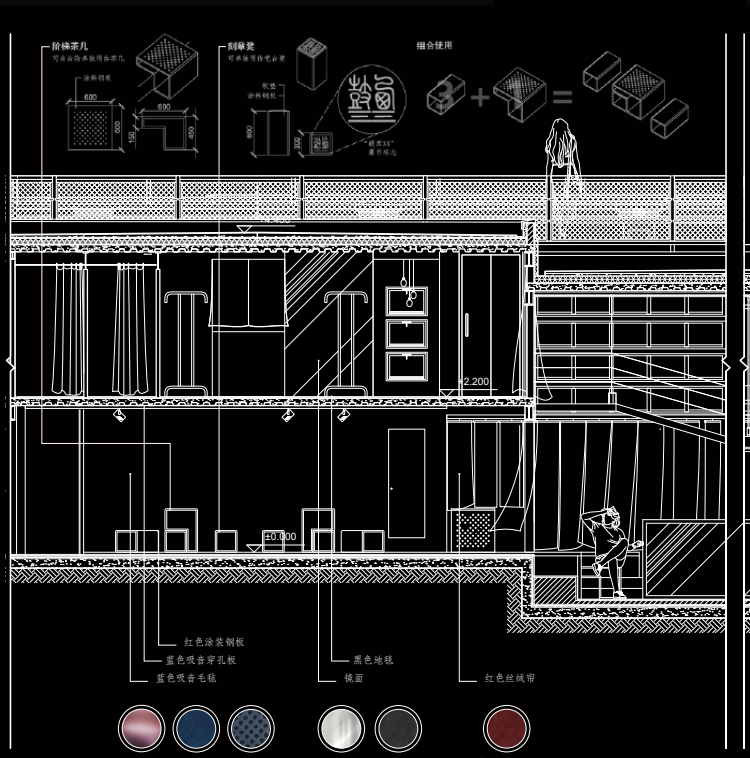


▲ Fifth Floor Plan

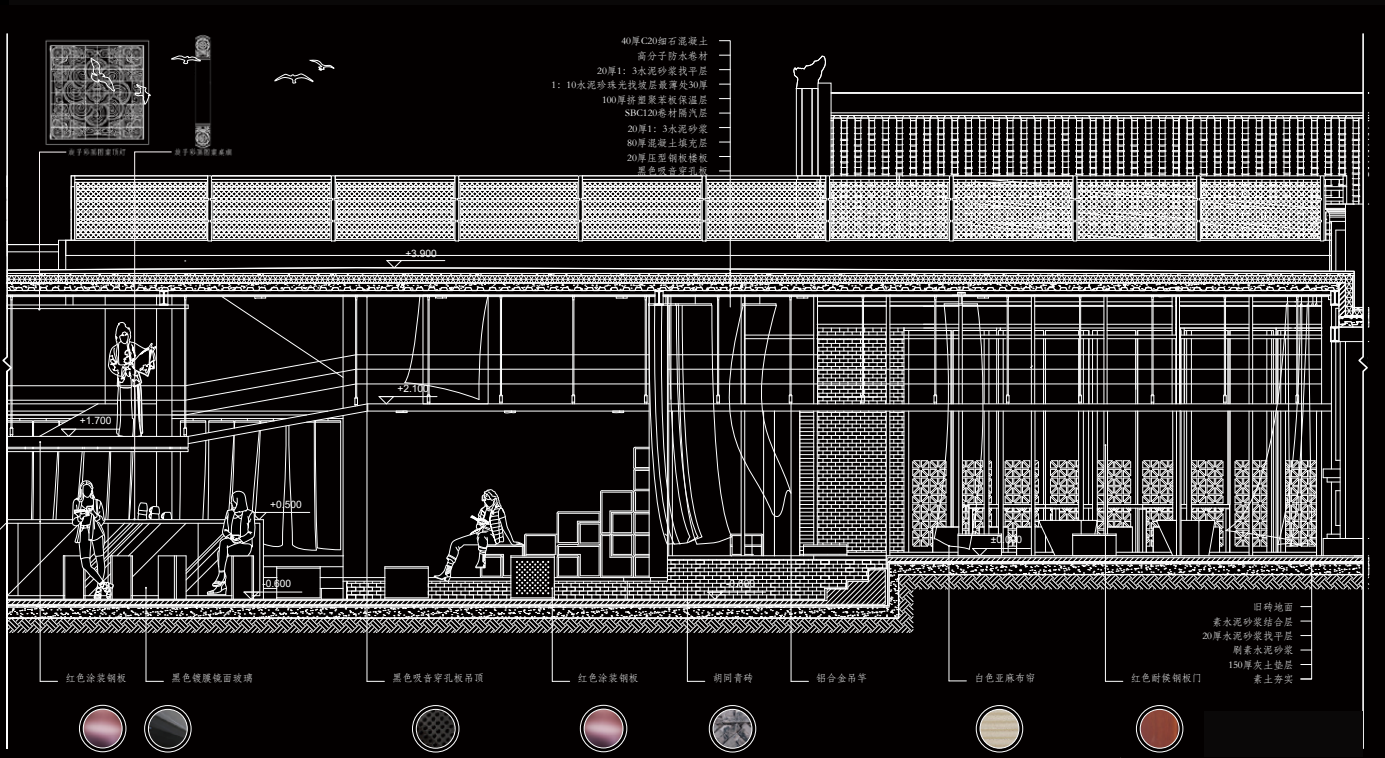








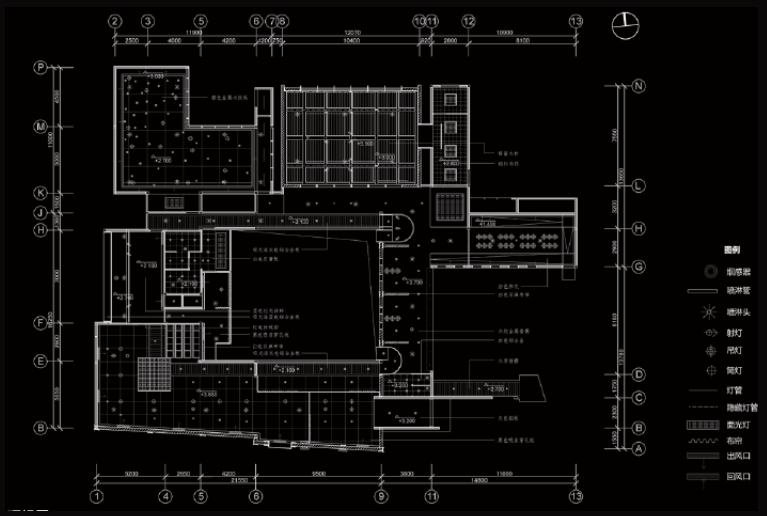
▲ Section C-C



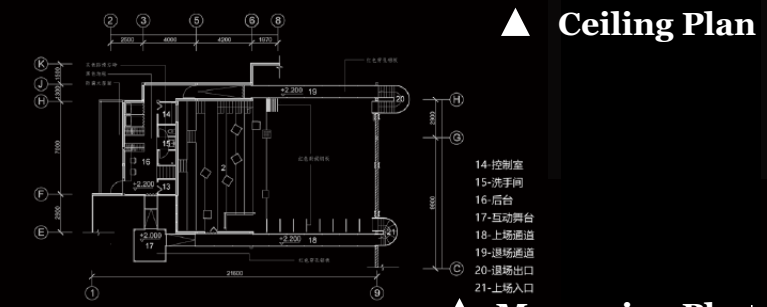
▲ Section D-D



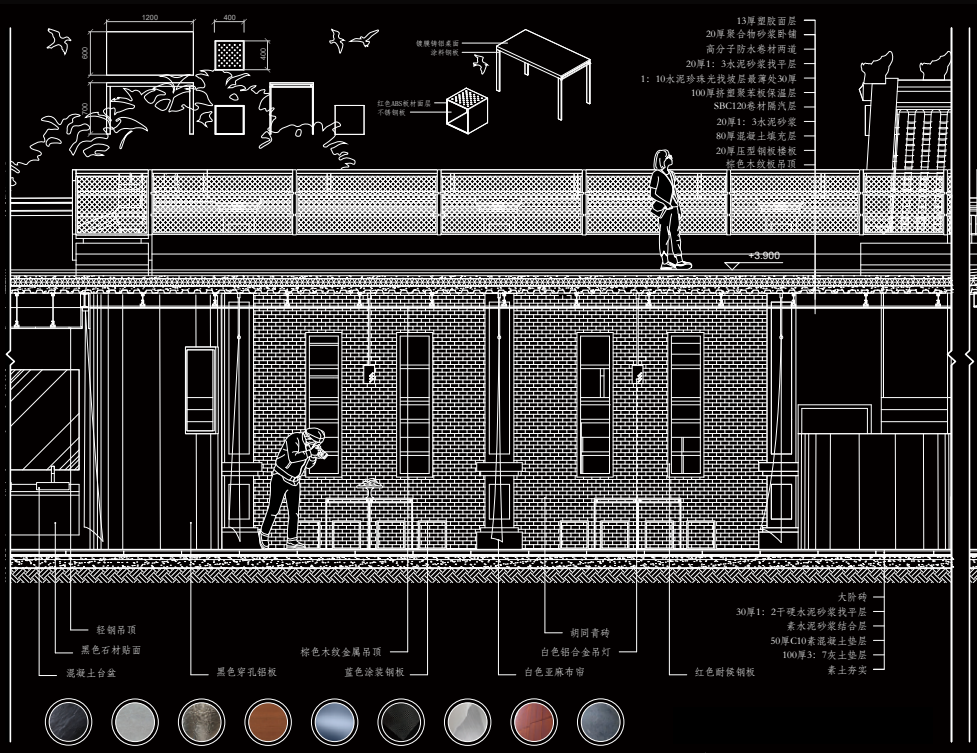




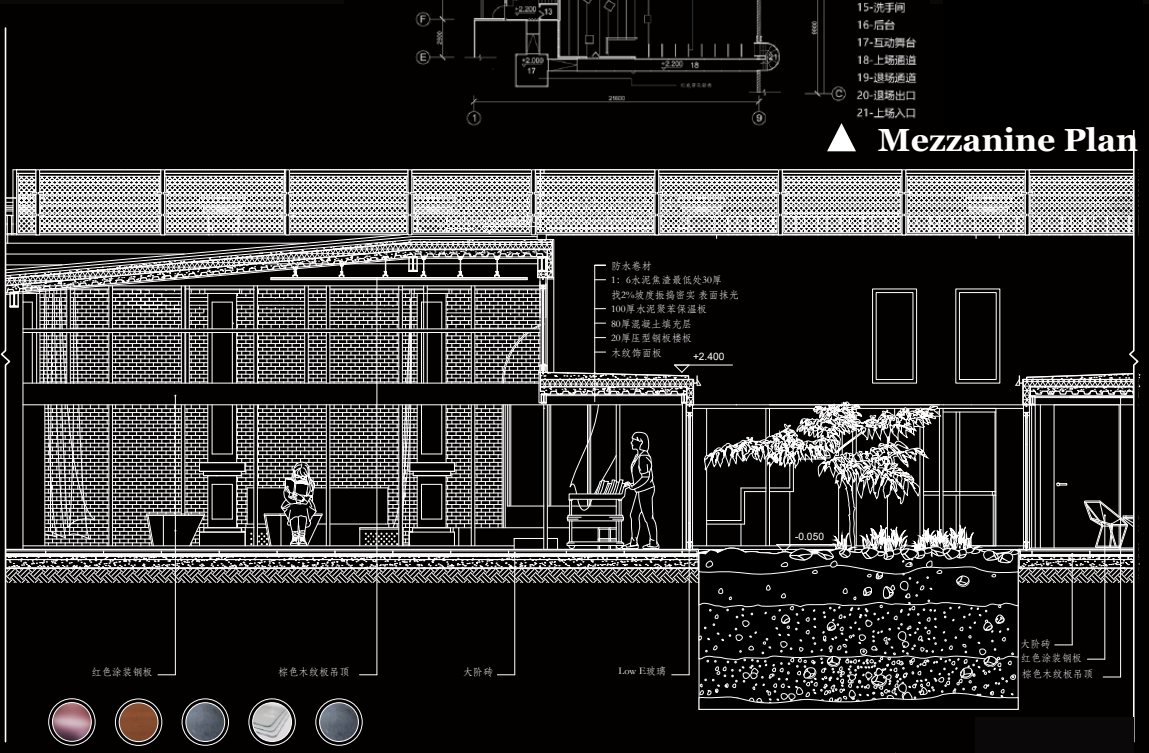
▲ Ceiling Plan



▲ Mezzanine Plan



▲ Section E-E



▲ Section F-F

2025/09-2025/12

Improvement Design of Metro Station Spatial Walking Comfort Based on Micro-behavior Computation

Solo Projects

Academic Advisors: Yan Chao

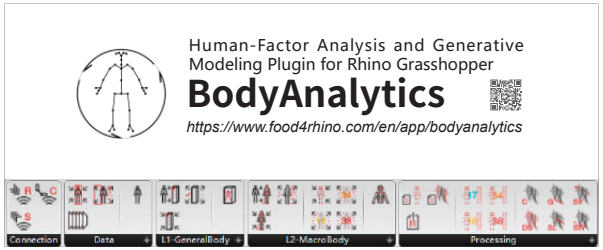
Total Floor Area: 4,000 m²

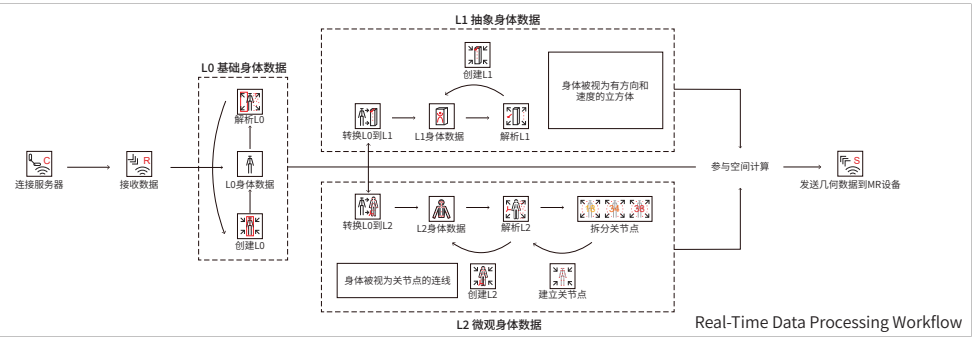


Construction of Human-Behavior Analysis Tool

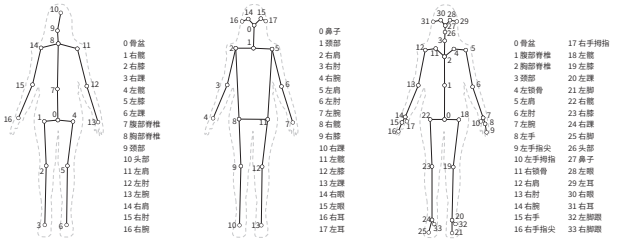
To analyze spatiotemporal human behavior in space, the author developed *BodyAnalytics*—a human-factor analysis and generative modeling plugin running on the Rhino Grasshopper platform based on C#.

Video data is captured using the ZED 2i depth camera, parsed into spatiotemporal sequences of 3D human keypoint coordinates, and further analyzed through the plugin into meaningful behavioral metrics for space-behavior analysis and design decision-making.

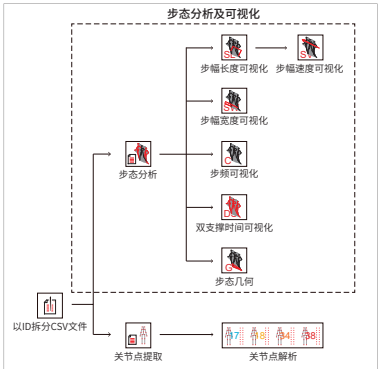




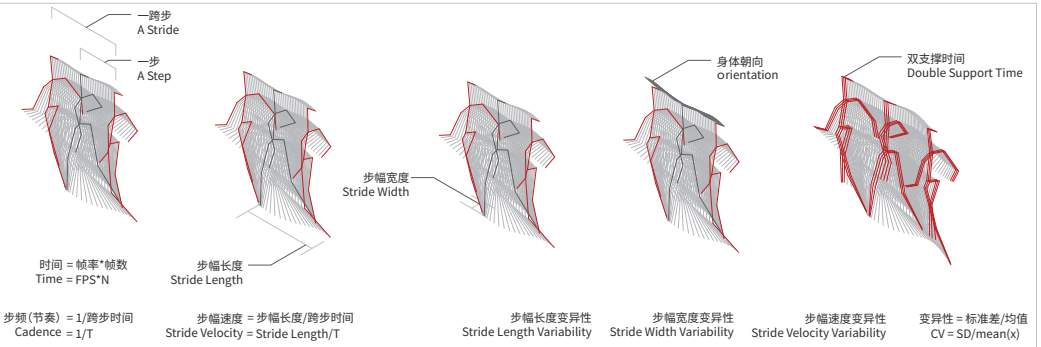
Real-Time Data Processing Workflow



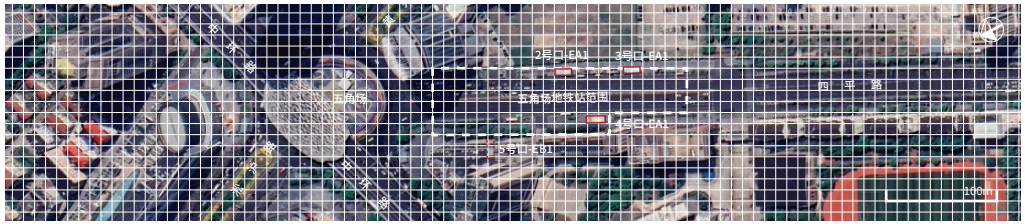
Optional Human Body Models of Varying Complexity



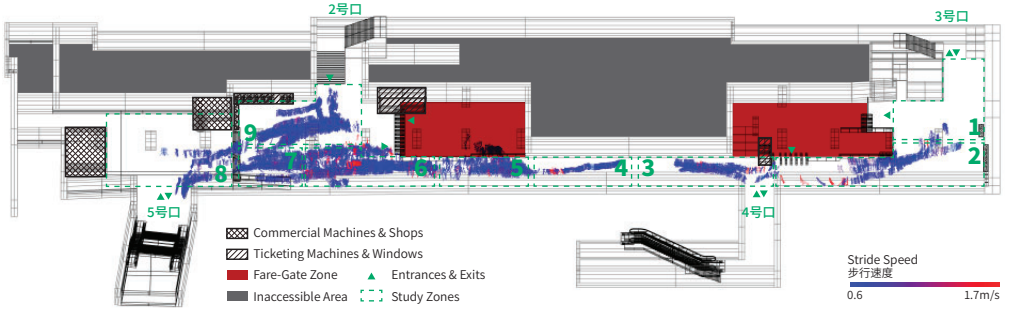
Offline Data Processing Workflow

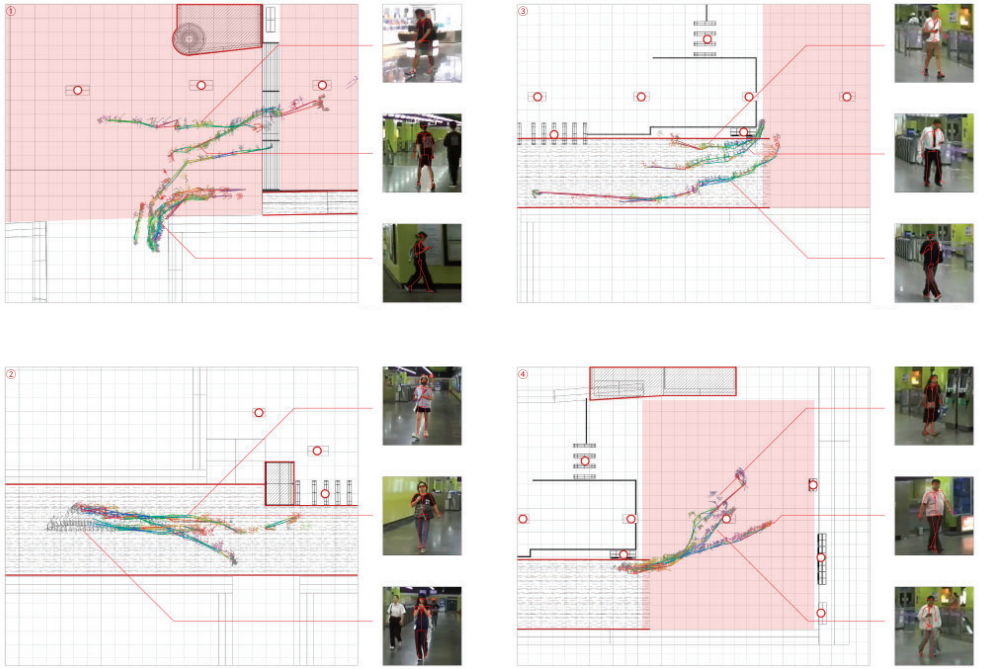


Gait Analysis Metrics Diagram



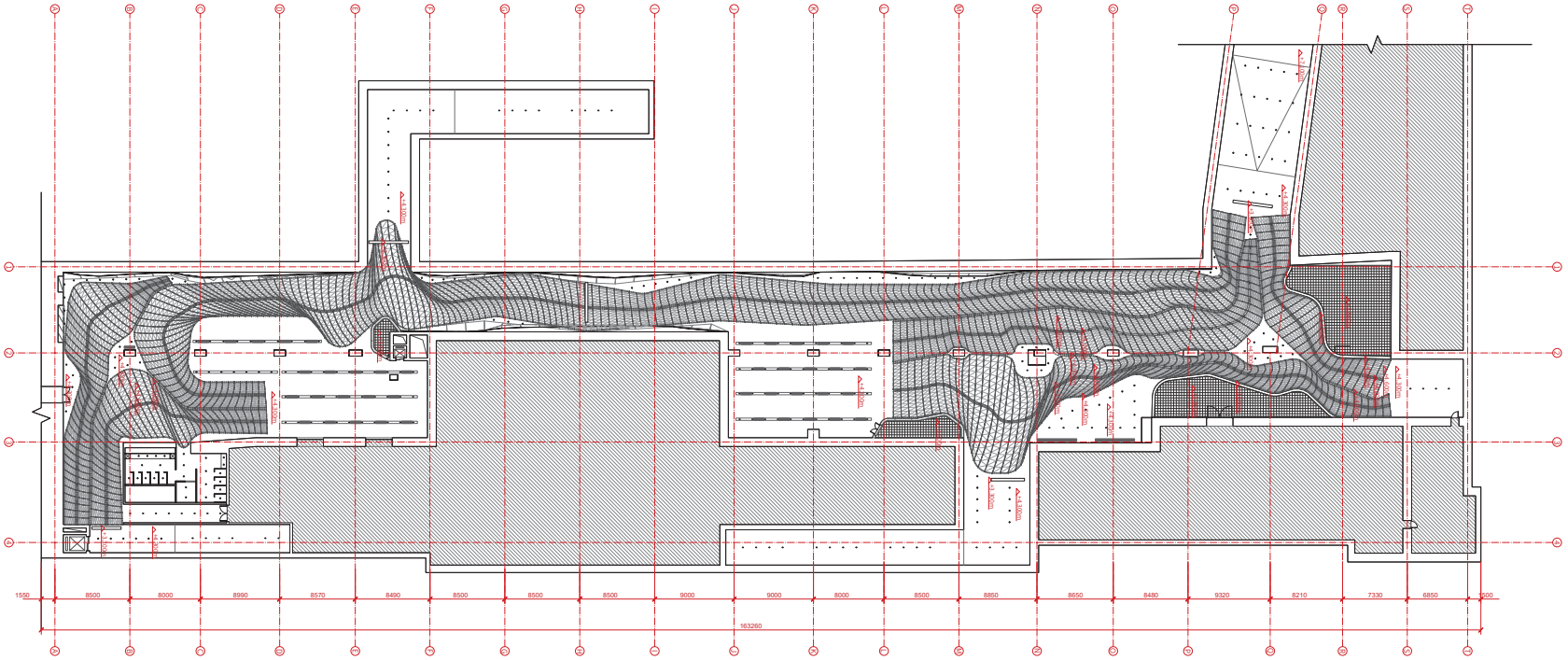
▲ Site Plan



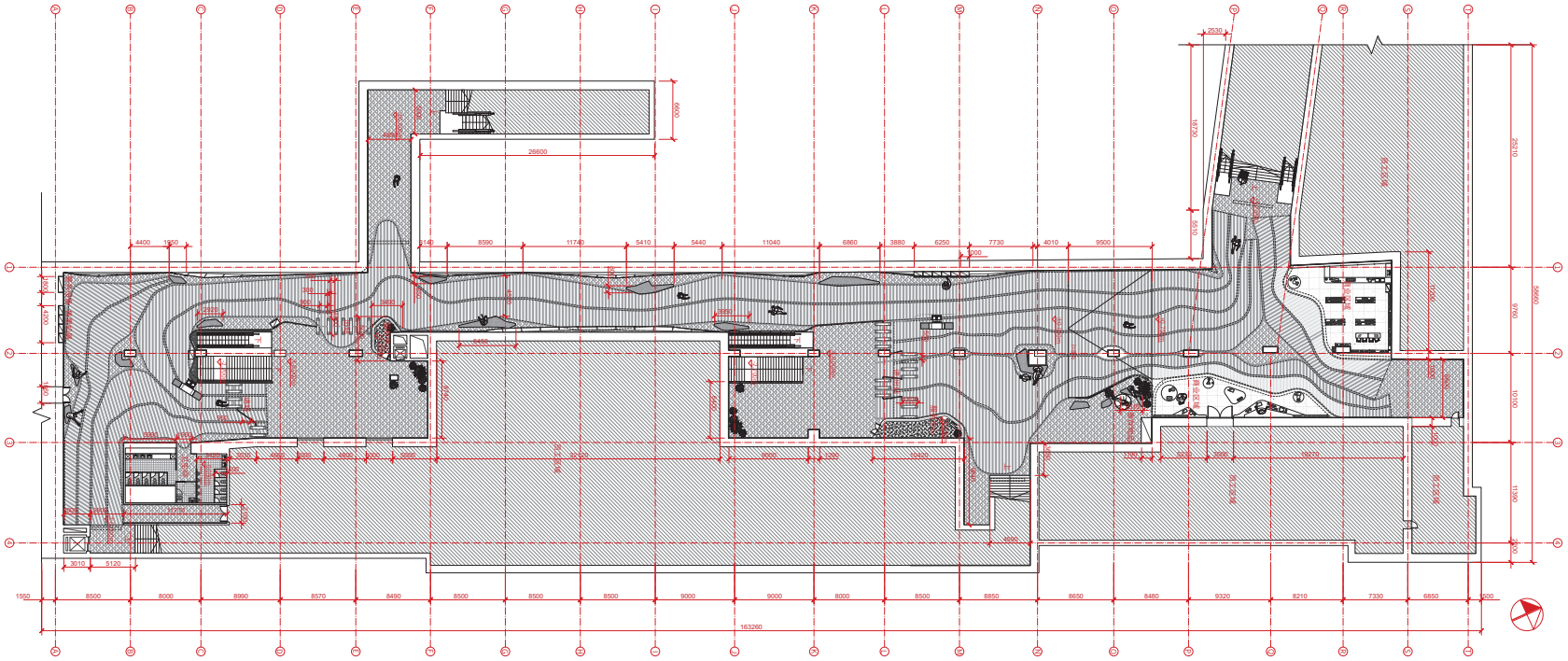


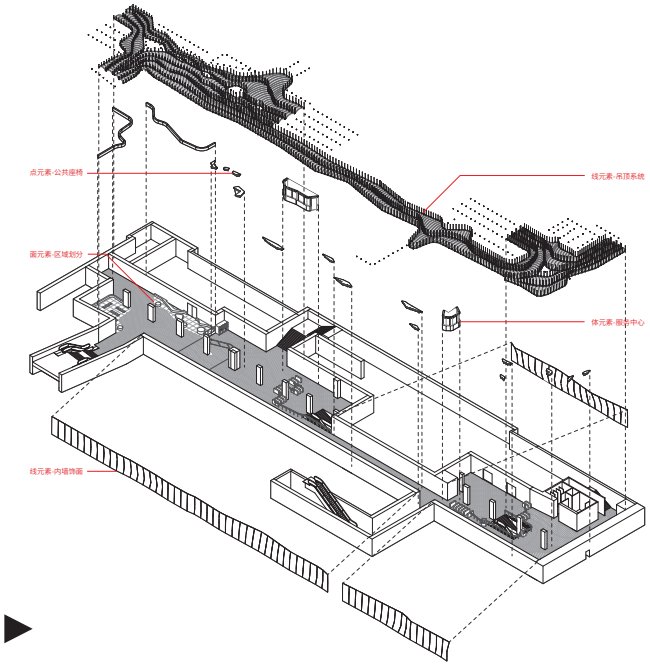
▲ Local Space Study

Ceiling Plan ▶

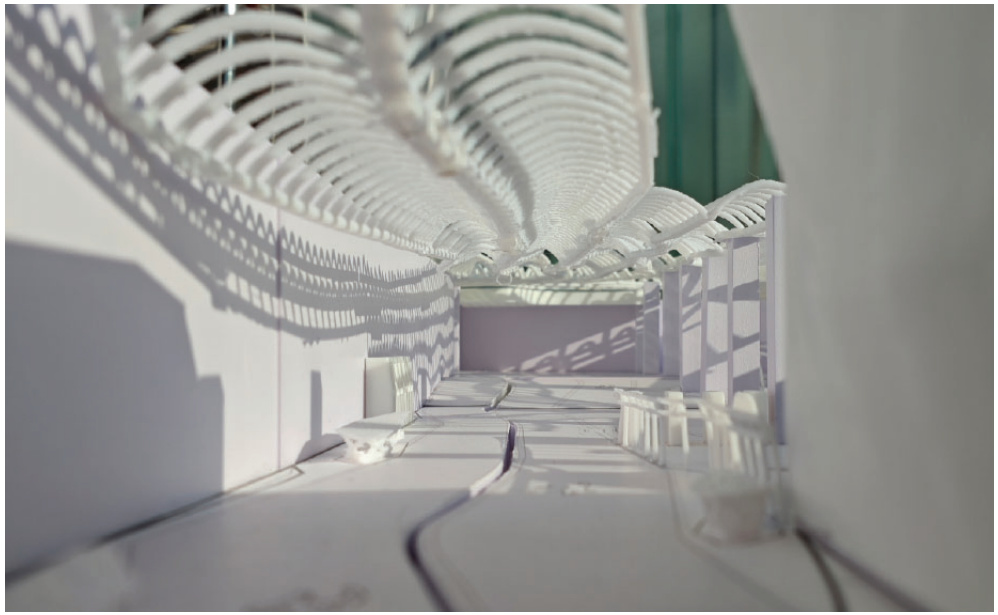


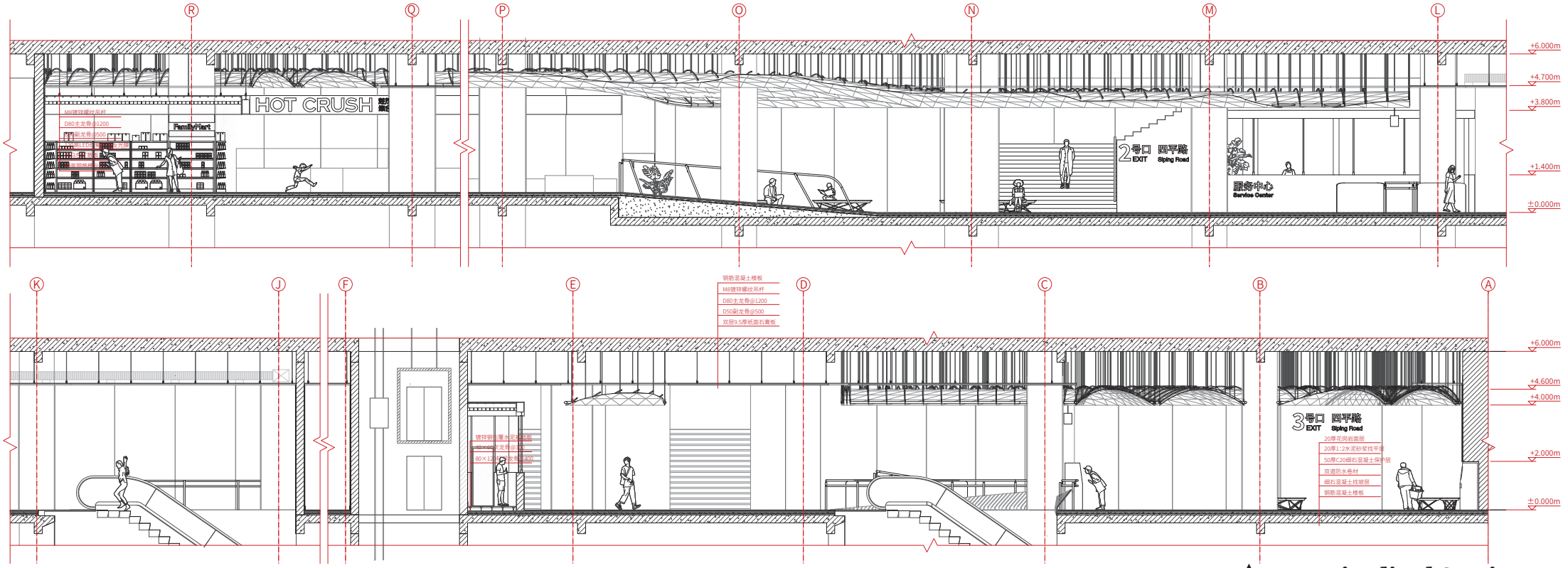
First Floor Plan ▶





Exploded Axonometric ▶





▲ Longitudinal Section

2024/12-2025/01

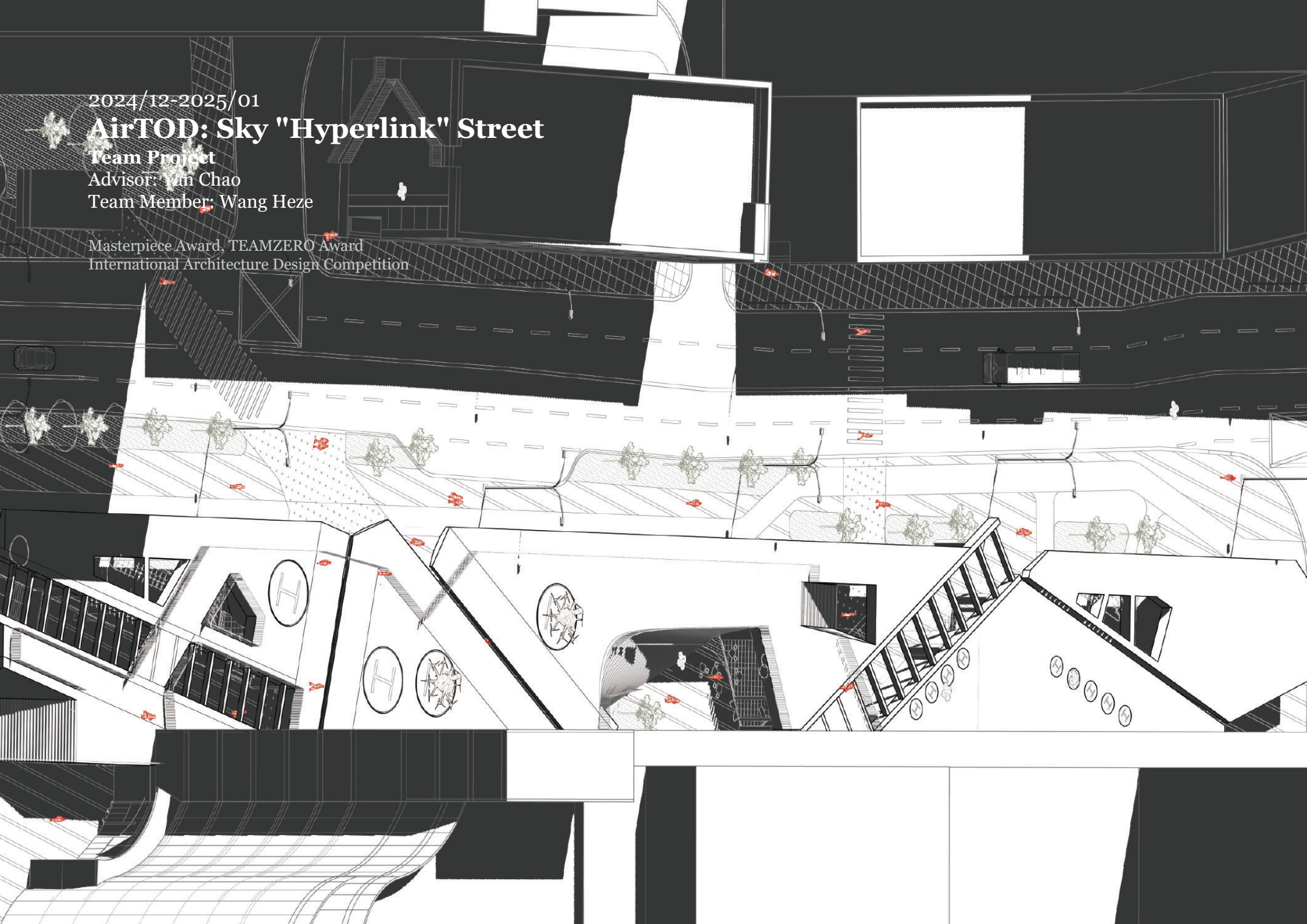
AirTOD: Sky "Hyperlink" Street

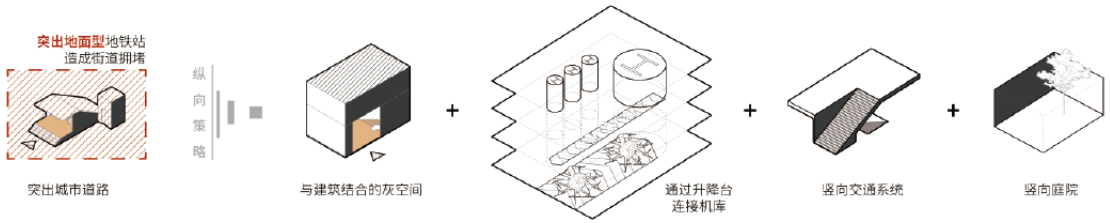
Team Project

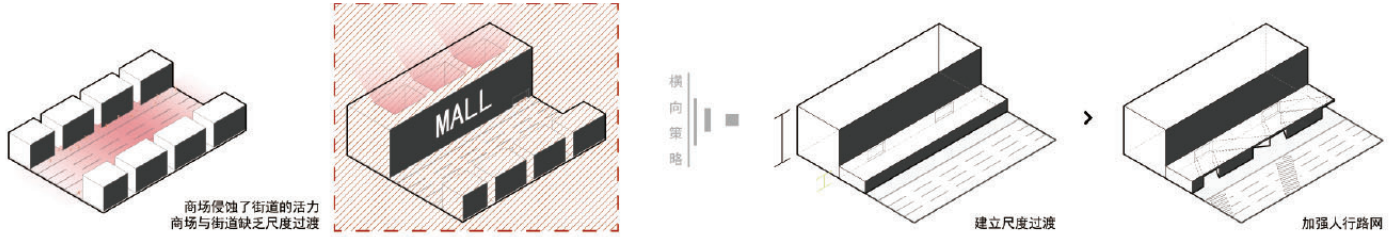
Advisor: Yan Chao

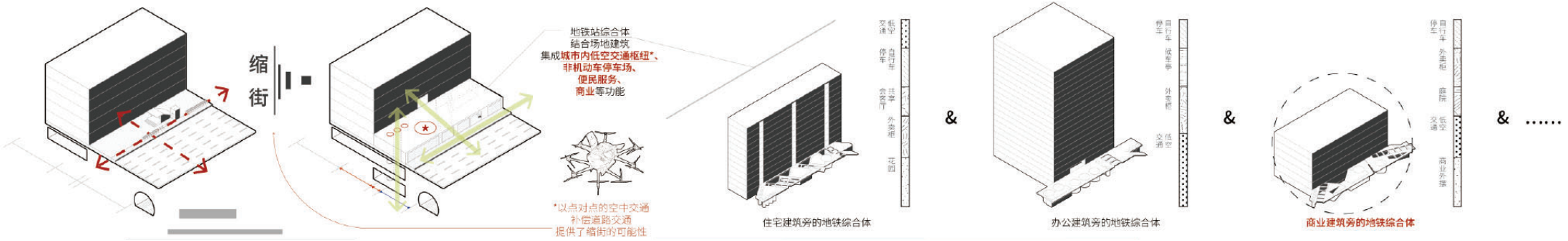
Team Member: Wang Heze

Masterpiece Award, TEAMZERO Award
International Architecture Design Competition









1. Integrating subway and architecture through transitional grey spaces, vertical transportation platforms, and lift systems to achieve vertical functional linkage and traffic distribution.

2. Compensating ground-level commuting through point-to-point low-altitude transit, compressing roadway width, establishing scalar transitions between building and street, and returning space to pedestrians.

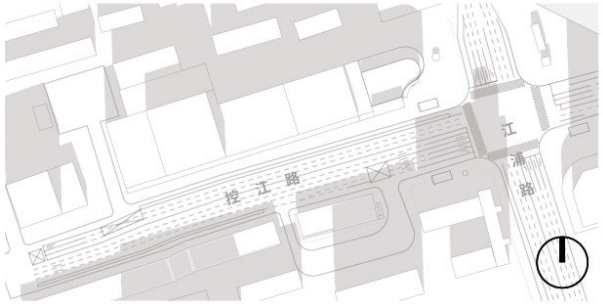
3. Flexibly configuring parking, service, and commercial modules based on surrounding building typologies (residential/office/retail) to achieve precise TOD functional adaptation.

▲ Design Strategy

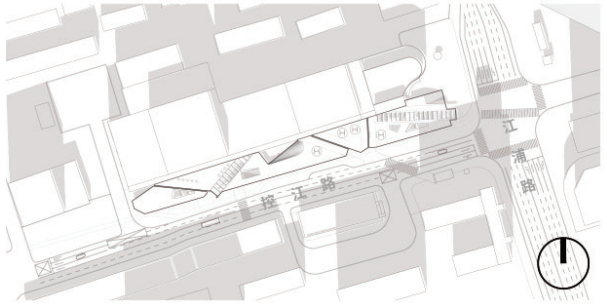
Existing Site Conditions



▼ Original Plan



▼ Site Plan



The protruding ground-level entrances of subway stations frequently create pedestrian congestion, while adjacent roadways remain gridlocked despite relentless widening.

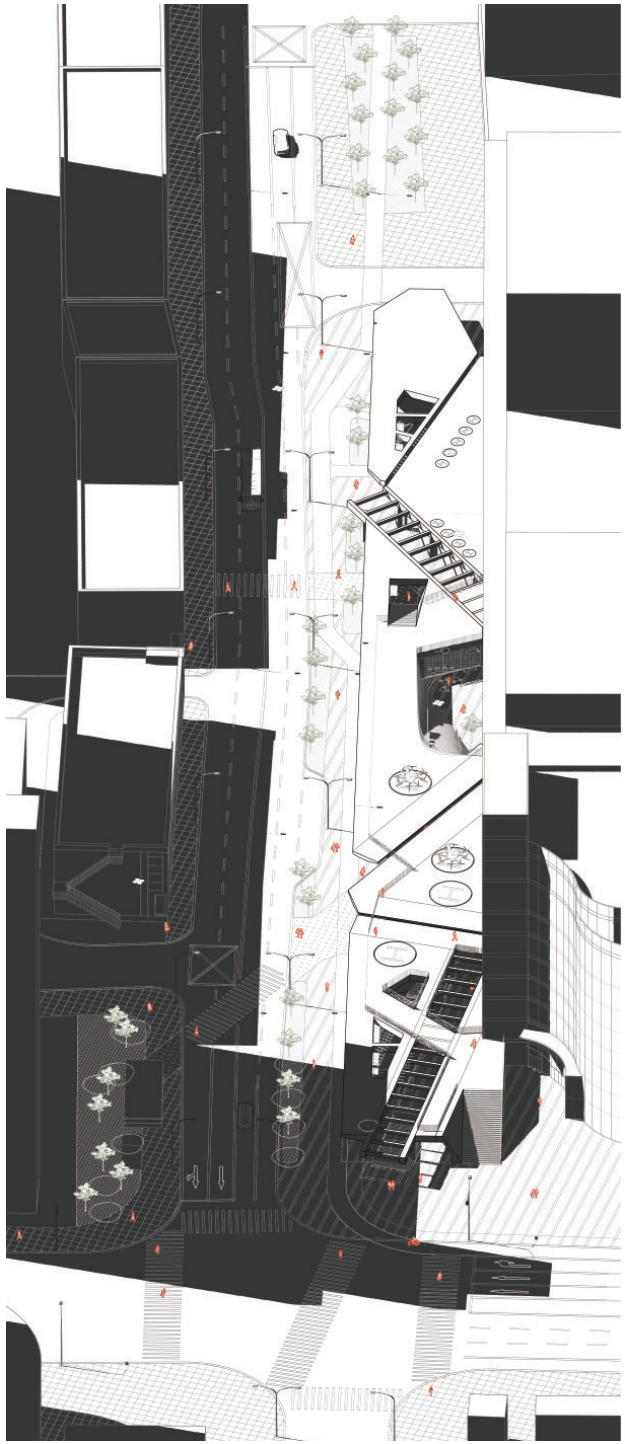
This project envisions a future scenario: upon the opening of Shanghai's low-altitude airspace, point-to-point aerial mobility transforms urban life. Reduced demand for vehicular traffic and logistics allows roadways to narrow and sidewalks to expand. "Ground-protrusion" subway stations scattered throughout the city are retrofitted with aerial transit hubs and mixed-use service complexes—rendering the city more walkable, streets more vibrant, and transit infrastructure no longer a "liminal space" but something naturally woven into street life.



Takeoff & Landing Level Plan ▲



Street Level Plan ▶



2021/04-2021/06

Feng Jizhong Memorial Hall

Solo Projects

Advisors: Liu Kenan, Wang Kai, Wang Hongjun

Total Floor Area: 1,000 m²

- Permanent Exhibition Hall: 400 m²
- Multipurpose Hall: 80 m²
- Café: 100 m²
- Archive & Library: 100 m²
- Office: 40 m²



1. The site welcomes pedestrian flows from two directions.

2. Visitors converge before entering the memorial hall, where the building is positioned between Fangta Park and the city.

3. Internally, the hall serves as a transitional space between park and urban context, gathering people within.

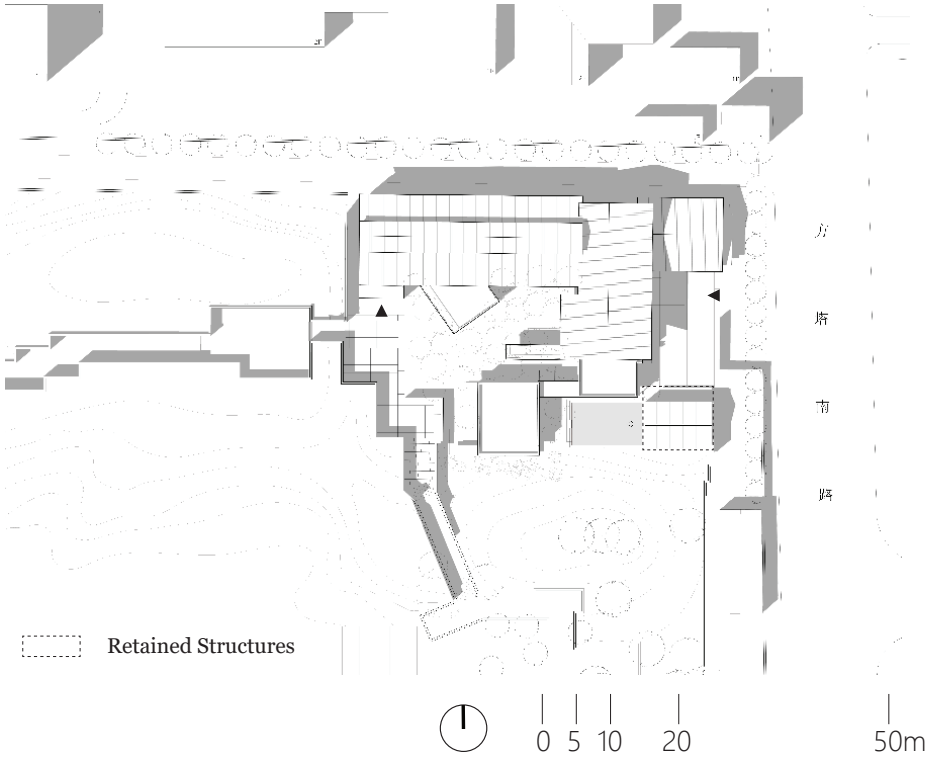
4. The massing rises to shield against residential buildings to the north.

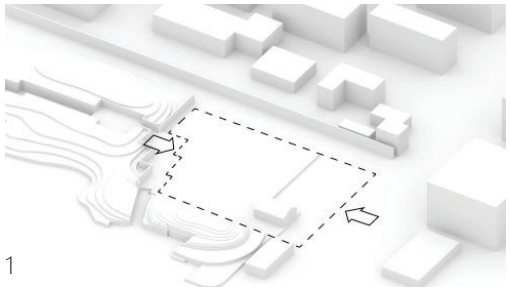
5. The main exit is located within Fangta Park, completing the exhibition circulation.

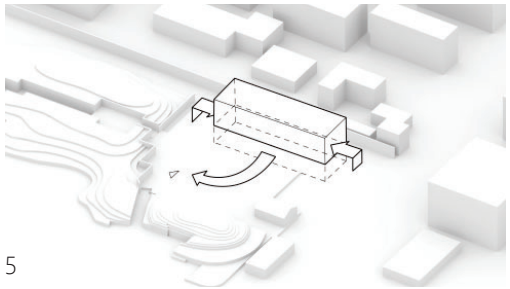
6. Two courtyards are formed: the eastern courtyard enclosed as a forecourt to the preserved structure.

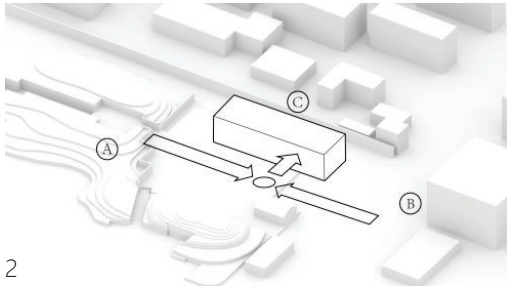
7. The western courtyard planted with trees extending the park landscape, reinforcing the vertical stratification.

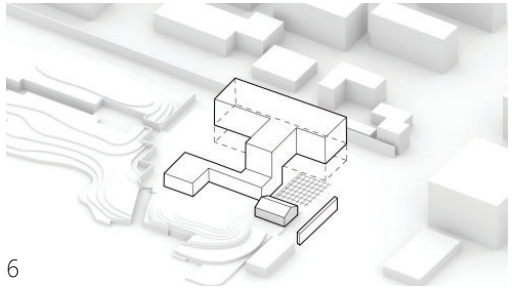
▼ Site Plan

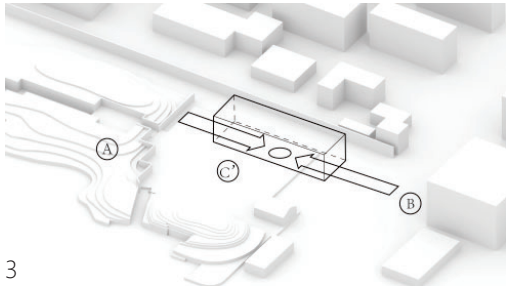


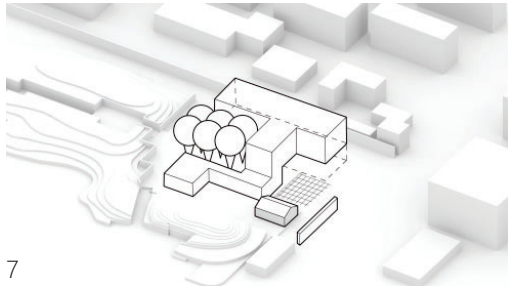


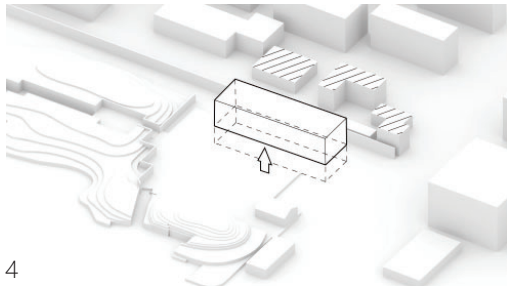








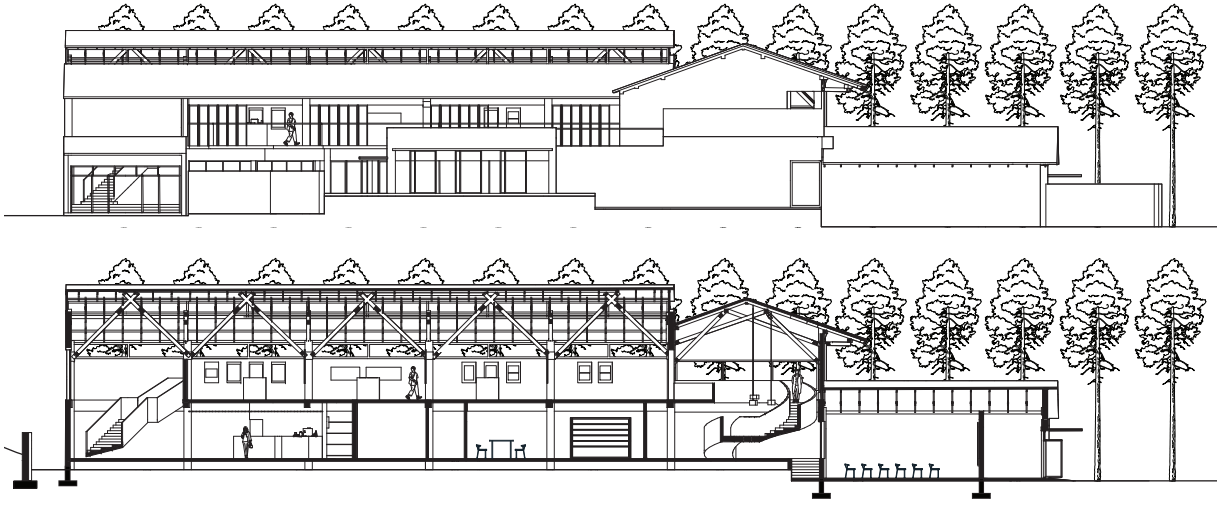




▲ Design Strategy



South Elevation
Longitudinal Section

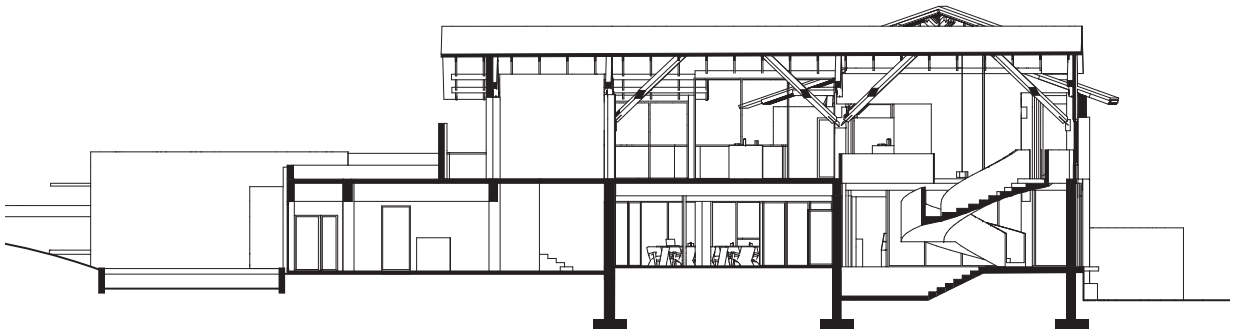


Visitors from both directions ascend directly via staircases to the gathering exhibition hall on the second floor. Within the expansive volume, a scattered-point narrative unfolds—presenting four thematic chapters: academic pursuits, teaching at Tongji, scholarly research, and social networks.



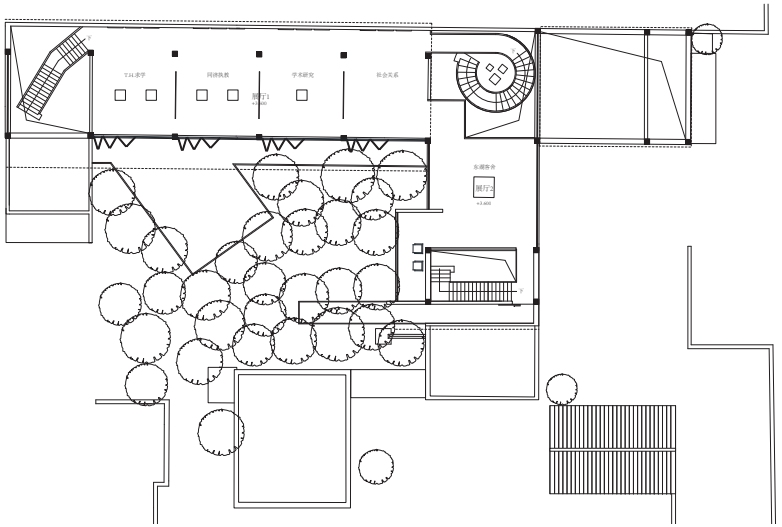
Visitors ascend to the Gathering Hall. Four scattered narratives: student, professor, scholar, connector. Then three thematic galleries threading through the wooded courtyard. Gallery 2: East Lake Guesthouse for Mao, career peak.

▼ Transverse Section



0 1 2 5 10m

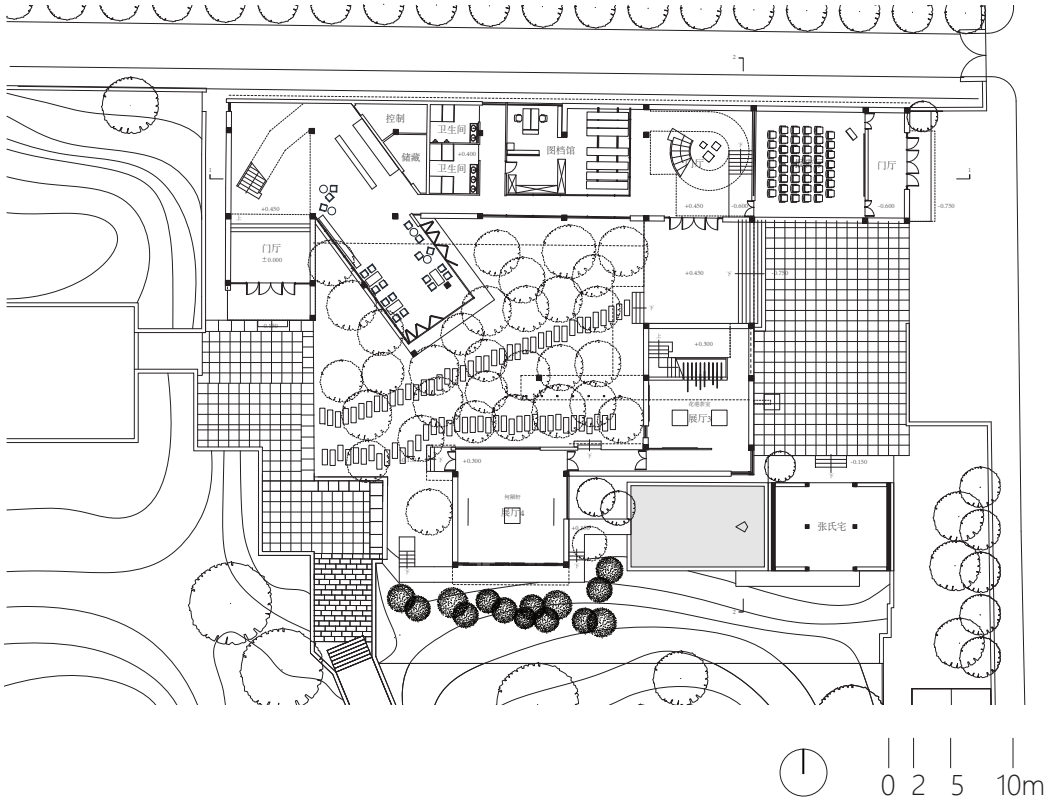
Second Floor Plan ▶



0 2 5 10m

▶

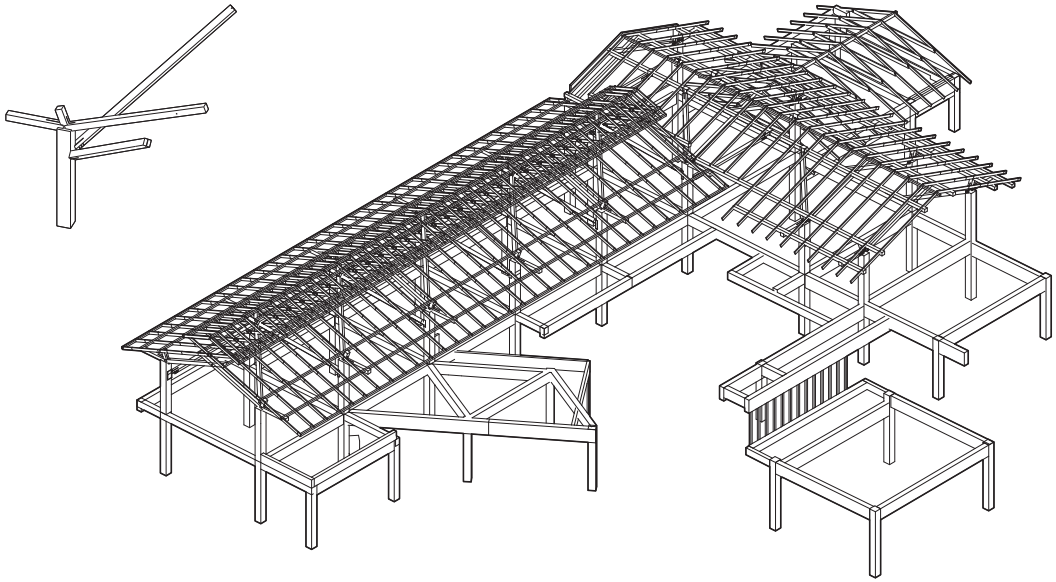
First Floor Plan



Beyond Gallery 2, visitors descend through an enclosed stairway into the dimly lit Gallery 3, dedicated to the Huagang Teahouse—a project halted mid-design as Feng endured political persecution during the Cultural Revolution.

Gallery 4 recedes into a bamboo grove, presenting the Helou Pavilion: a work born from Feng's later-life resilience after decades of personal and professional turbulence.

The architecture operates as an instrument for experiencing the wooded space—canopy and trunk crafting distinct atmospheres across the two levels.

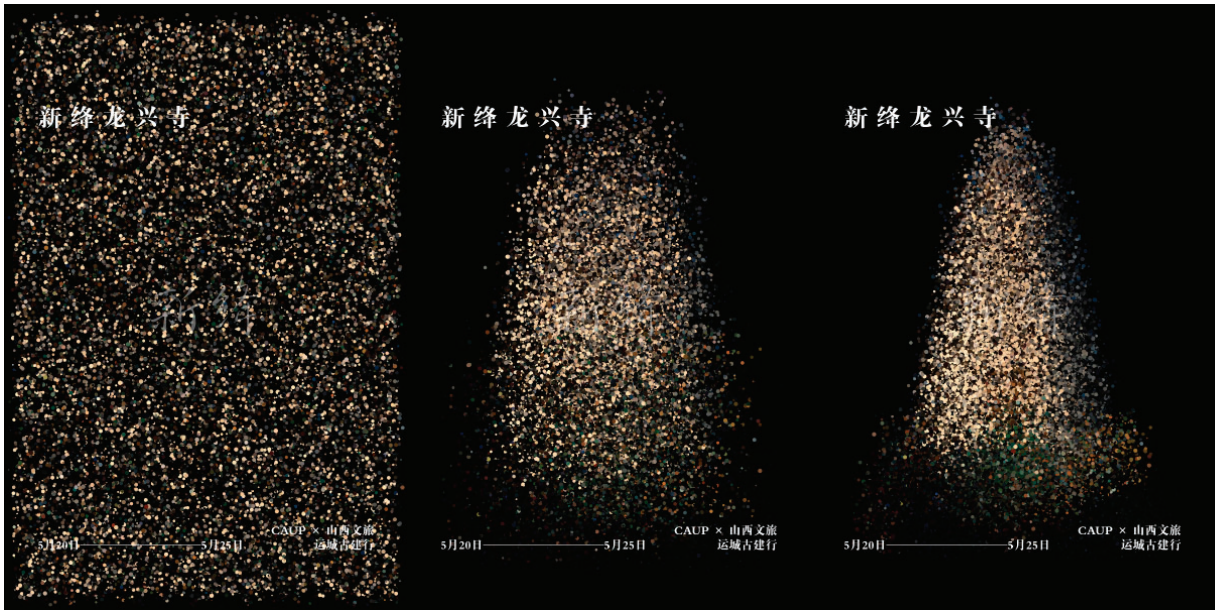


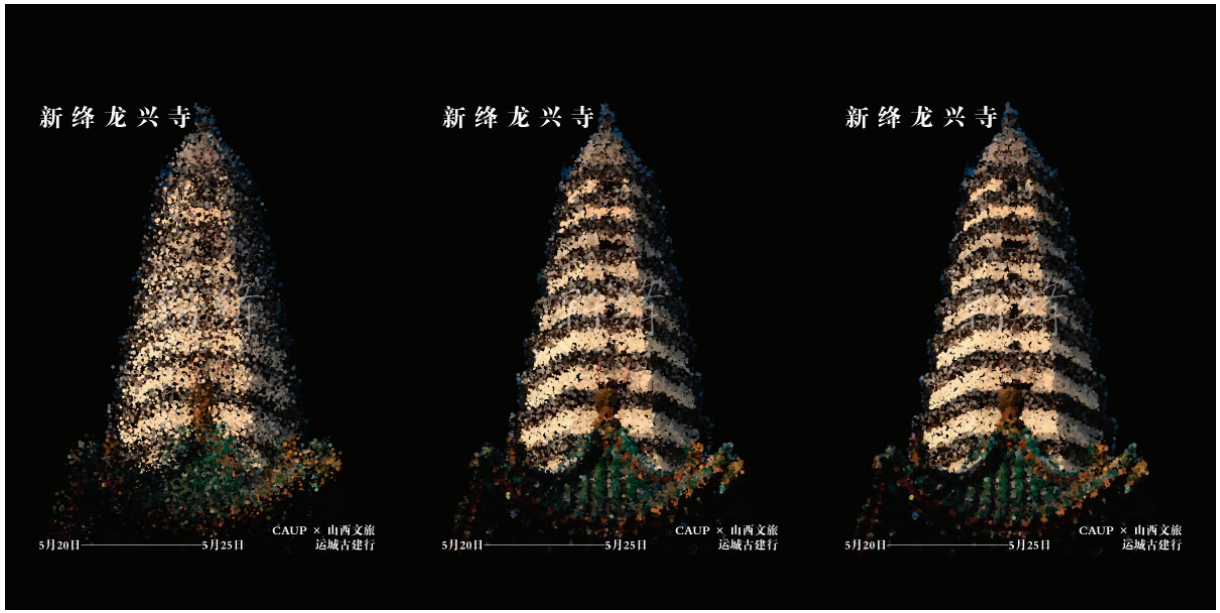
To the east, a solemn forecourt is created for the preserved Ming-dynasty structure. Visitors arriving from beyond the city traverse this courtyard, advancing toward the café volume inserted into the forest at ground level.

The structural units on the second floor translate the logic of trees—columns splaying at their crowns, a gesture echoing the structural vocabulary of the Helou Pavilion. To amplify this dialogue as a commemorative response to Feng Jizhong, the roof structure employs concrete columns with timber capitals.

◀

Structural Diagram





CAUP × Shanxi Cultural Tourism

Yuncheng Ancient Architecture Heritage Exploration

- Dynamic Poster 800*600px
  800*1200px

2024

Invited by the Shanxi Provincial Tourism Bureau, CAUP students promoted Shanxi's architectural heritage in collaboration with Xiaohongshu (Little Red Book) platform to advance ancient architecture awareness.

Particle-based dynamic poster created with Processing.

Scan QR code to view animation.

后土祠



5月20日——5月25日

CAUP × 山西文旅
运城古建行

广仁王庙



5月20日——5月25日

CAUP × 山西文旅
运城古建行

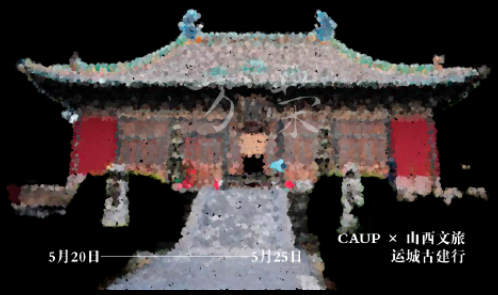
司马温公祠



5月20日——5月25日

CAUP × 山西文旅
运城古建行

永乐宫



5月20日——5月25日

CAUP × 山西文旅
运城古建行

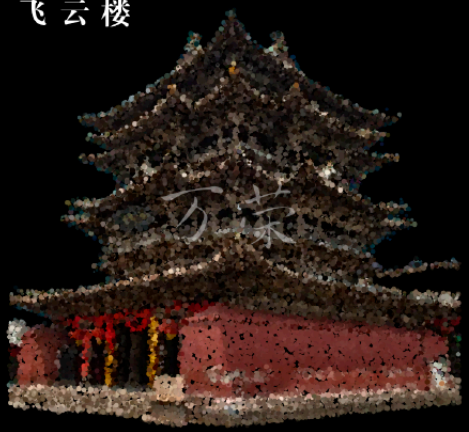
关帝庙



5月20日——5月25日

CAUP × 山西文旅
运城古建行

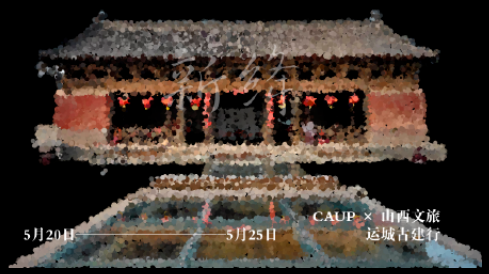
飞云楼



5月20日——5月25日

CAUP × 山西文旅
运城古建行

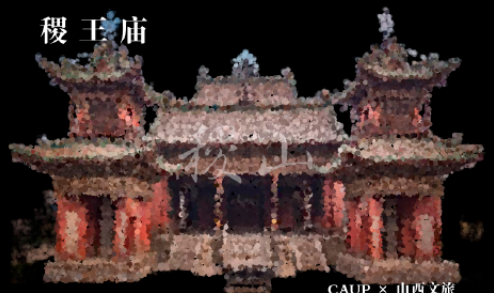
绛州大堂



5月20日——5月25日

CAUP × 山西文旅
运城古建行

稷王庙



5月20日——5月25日

CAUP × 山西文旅
运城古建行

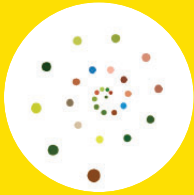


User Uploads Image



Instance Segmentation Algorithm Extracts Plant





Color Proportion Analysis Generates
Voronoi Diagram & Color Distribution Chart

Xinhua Road Community Garden Festival

Interactive Botanical Image Postcards

-Data-Driven Postcard Design

148*100mm

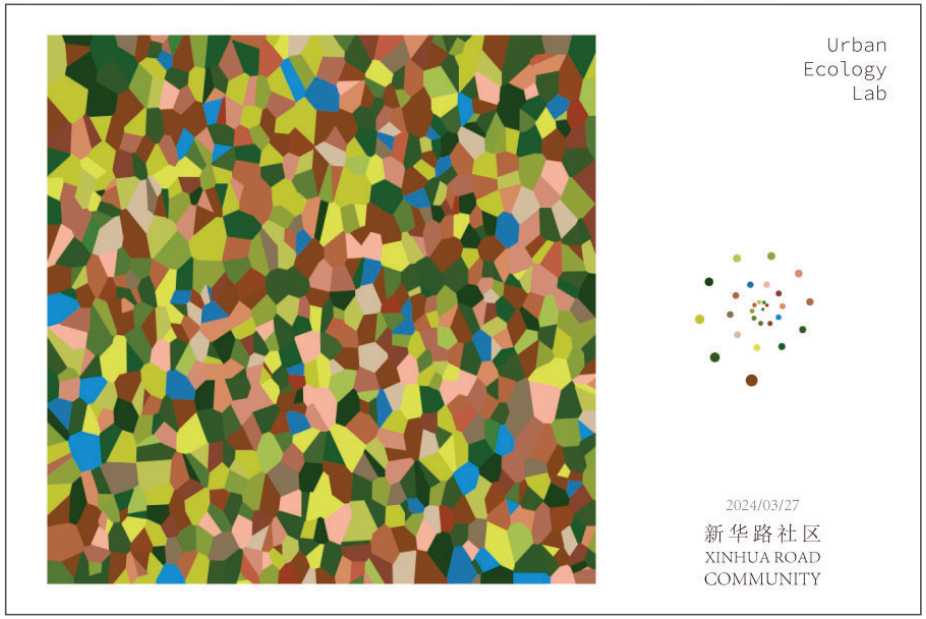
2024

A rapid design prototype for data visualization, tested at the Community Garden Festival booth.

Residents and visitors upload photos, processed through an automated algorithmic workflow to generate plant-color postcards—printed instantly on photo paper.

Scan QR code for project details.

On-Site Postcard Printing





Selected Postcards Generated at Xinhua Road Community Garden Festival



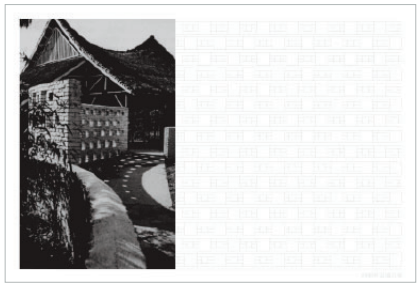
Helou Pavilion Postcard

Architectural Heritage Merchandise Design

- Logo Design /
- Postcard Design 148*100mm

2023

The Helou Pavilion in Songjiang's Fangta Park stands as a significant work of modern Chinese architecture. During its bamboo structure disassembly and restoration, the College of Architecture and Urban Planning at Tongji University initiated a series of creative merchandise designs centered on this iconic pavilion.

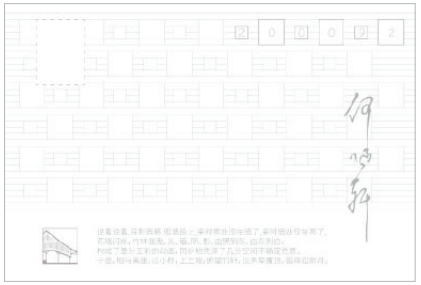


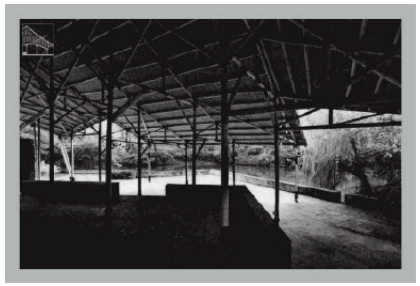




















说着说着,日影西移,弧墙段上,来时亮处现在暗了,来时暗处现在亮了,
花墙闪烁,竹林摇曳,光、暗、阴、影,由黑到灰,由灰到白,
构成了墨分五彩的动画,同步地凭添了几分空间不确定性质。
于是,相与离座,过小桥,上土坡,俯望竹轩,见茅草覆顶,弧脊如新月。

2 0 0 9 2

说着说着,日影西移,弧墙段上,来时亮处现在暗了,来时暗处现在亮了,
花墙闪烁,竹林摇曳,光、暗、阴、影,由黑到灰,由灰到白,
构成了墨分五彩的动画,同步地凭添了几分空间不确定性质。
于是,相与离座,过小桥,上土坡,俯望竹轩,见茅草覆顶,弧脊如新月。

2 0 0 9 2

说着说着,日影西移,弧墙段上,来时亮处现在暗了,来时暗处现在亮了,
花墙闪烁,竹林摇曳,光、暗、阴、影,由黑到灰,由灰到白,
构成了墨分五彩的动画,同步地凭添了几分空间不确定性质。
于是,相与离座,过小桥,上土坡,俯望竹轩,见茅草覆顶,弧脊如新月。

2 0 0 9 2

Thanks

2026/02