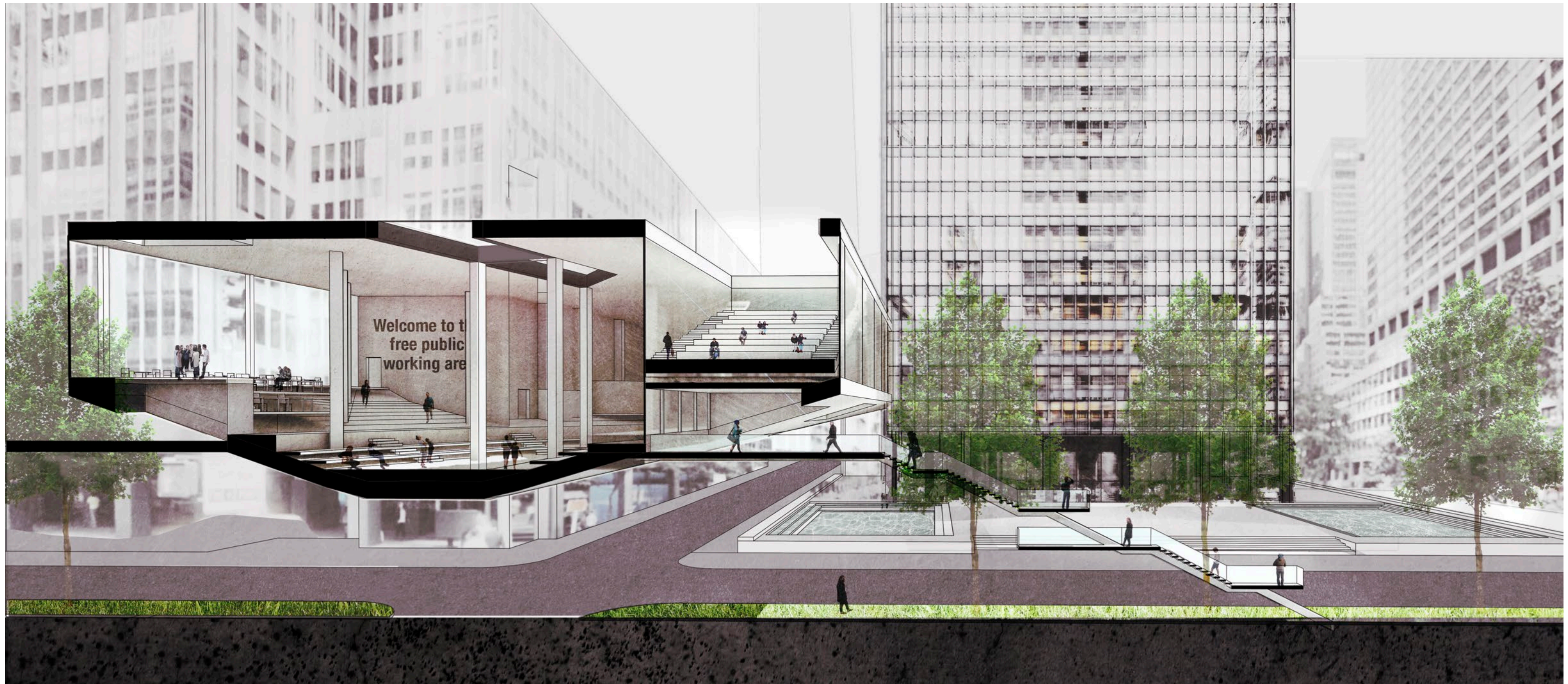




- The Connection of the PARK Avenue Boulevard & The Hybrid Valley -

HYBRID VALLEY

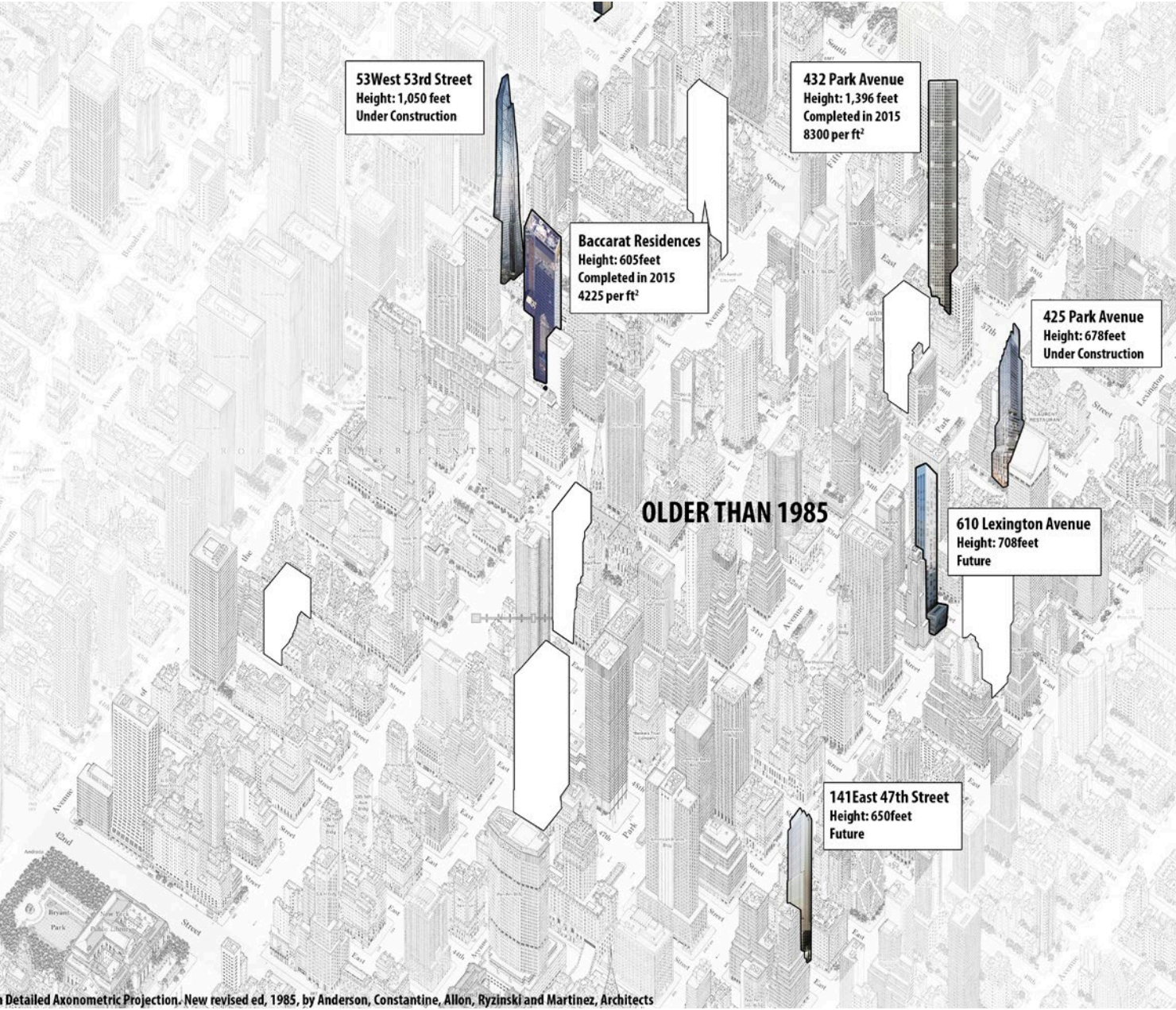
Rethink Midtown P.O.P.S & Coworking Space

New York, NY | Columbia GSAPP | Summer 2016
 Critic: Mohamad Ziad Jamaledine | Partner: Yun Gong
 Type: Mix-used | GFA: 57,500 ft²

The project experiments with the hybridization of working space and public spaces in Midtown Manhattan. Taking the Seagram building and Lever House on Park Avenue as the site, the project rethinks the P.O.P.S (Privately Owned Public Space) in Midtown Manhattan. The two buildings had once sacrificed their building area to create public spaces and pure tower in 1960s, which inspired the planning department in New York City to change the zoning code later to give FAR bonus to buildings that develop public spaces on the ground.

However, in Manhattan, this created a generation of corporate buildings setting back from the street and declaring apartness.

The project proposed a horizontal building which finds way to merge the segregated interior scale and public scale and generate a more elastic space for the 21st century working environment. To achieved that, the designed 'bridge' has linked the P.O.P.S of two buildings and the Boulevard in the middle of Park Avenue to create a continuous public space. The well connected space featured both public spaces for informal working, social life, networking, events and flexible, lease-on-time working spaces under shared economic. The ambition is to create a hybrid and collecting space in Midtown to benefit the future development and attract young generations to the aged business area which was currently under rezoning.

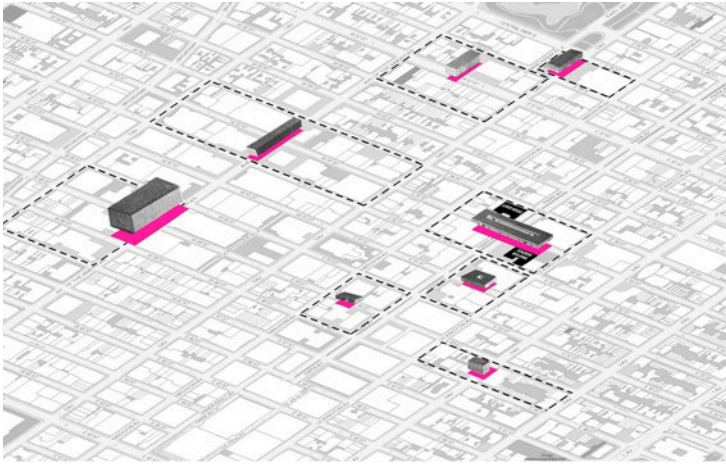


AGING MIDTOWN CORPORATION BUILDINGS



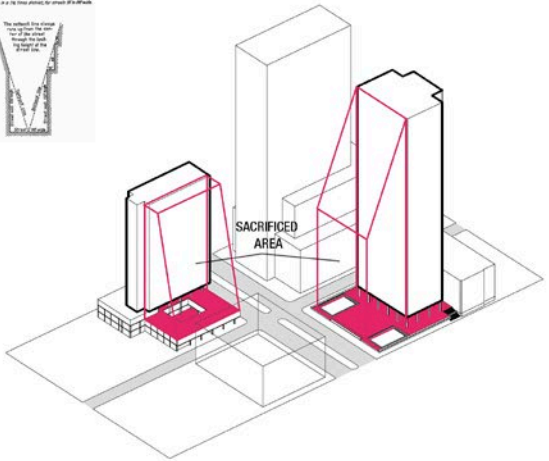
PROPOSED HYBRID SPACES
P.O.P.S (PRIVATELY OWNED PUBLIC SPACES)

CONNECTION OF P.O.P.S (PRIVATELY OWNED PUBLIC SPACE)

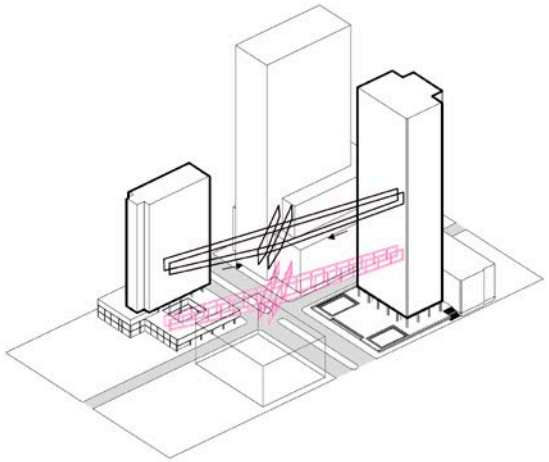


NEW URBAN COMPLEX FOR MIDTOWN MANHATTAN

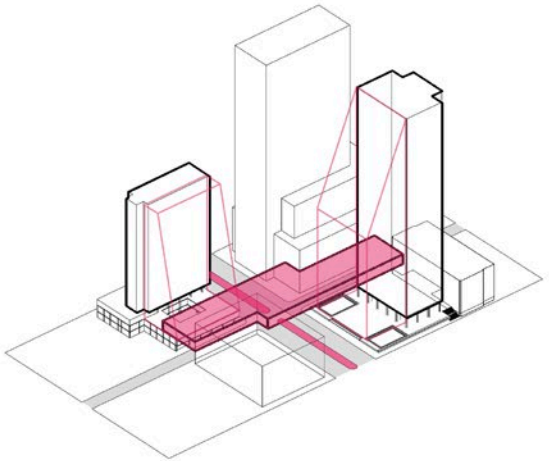
URBAN STRATEGY



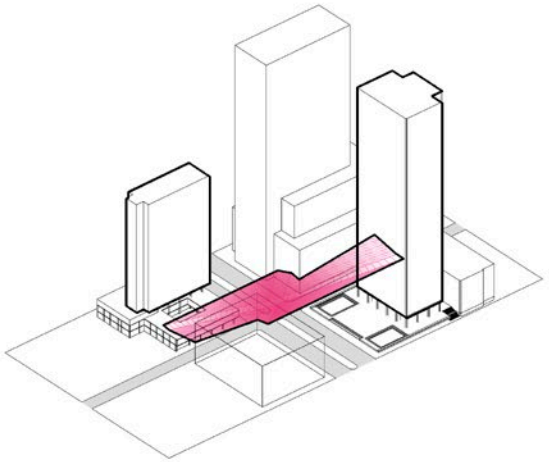
1.SACRIFICED BUILDING SPACES FOR THE BIRTH OF P.O.P.S



3.EXTRA SPAN STEEL BEAM AS MAIN STRUCTURE

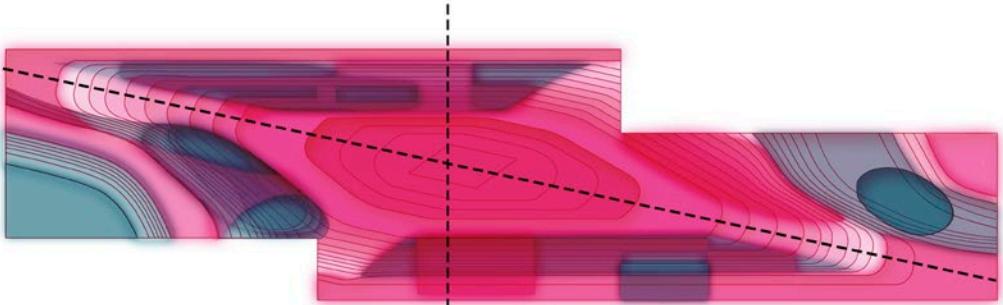


2.REUSE THE SACRIFICED BUILDING AREA FOR COLLECTIVE WORKING AND PUBLIC SPACES



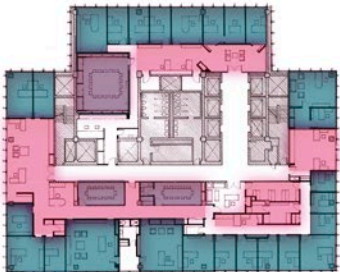
4.THE STRUCTURE HAS LEAD TO A BASIN SPACE WHICH IS MORE FLUID THAN SLABS

FORM & STRUCTURAL SOLUTION



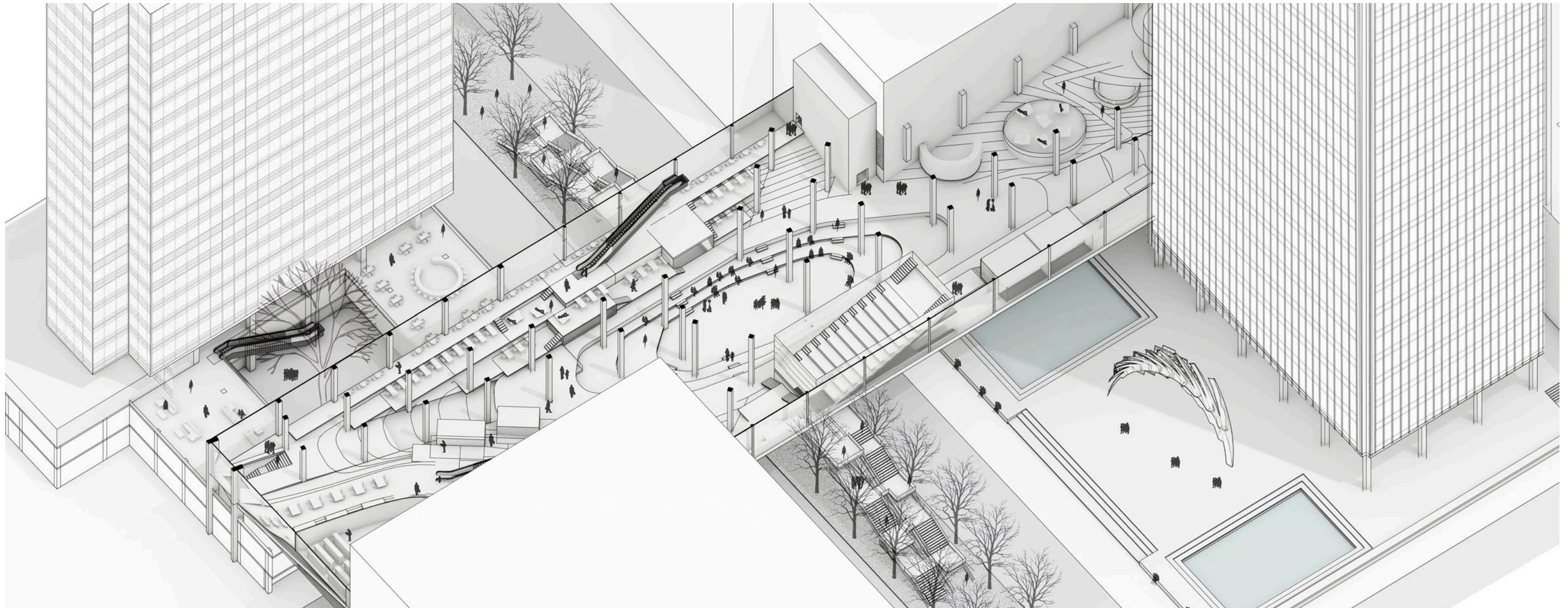
HYBRID VALLEY

INDIVIDUAL SHARED COLLECTIVE

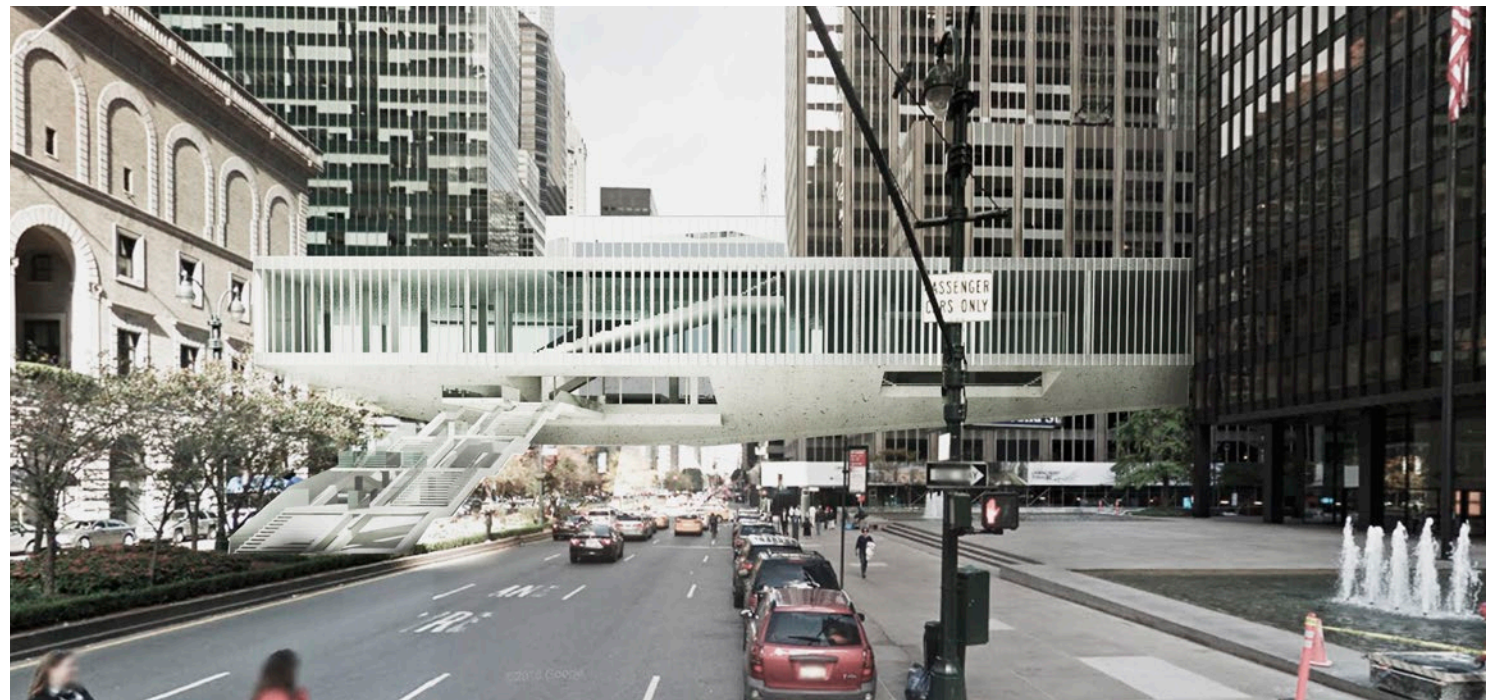


SEAGRAM BUILDING

TRANSFORMATION OF WORKING SPACES
(OVERLAPPING THE PRIVATE AND PUBLIC)



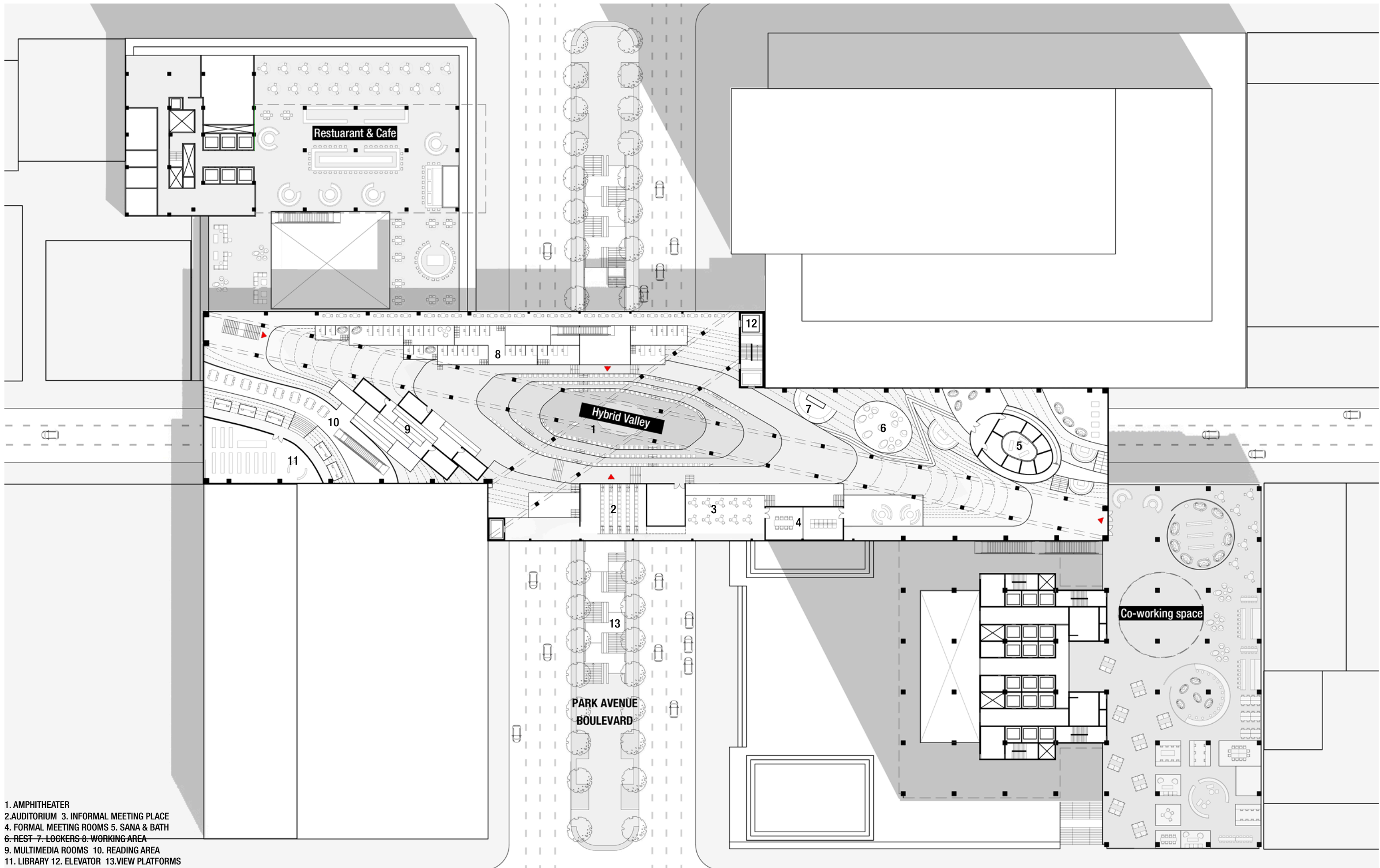
- Network of P.O.P.S and Working Space -

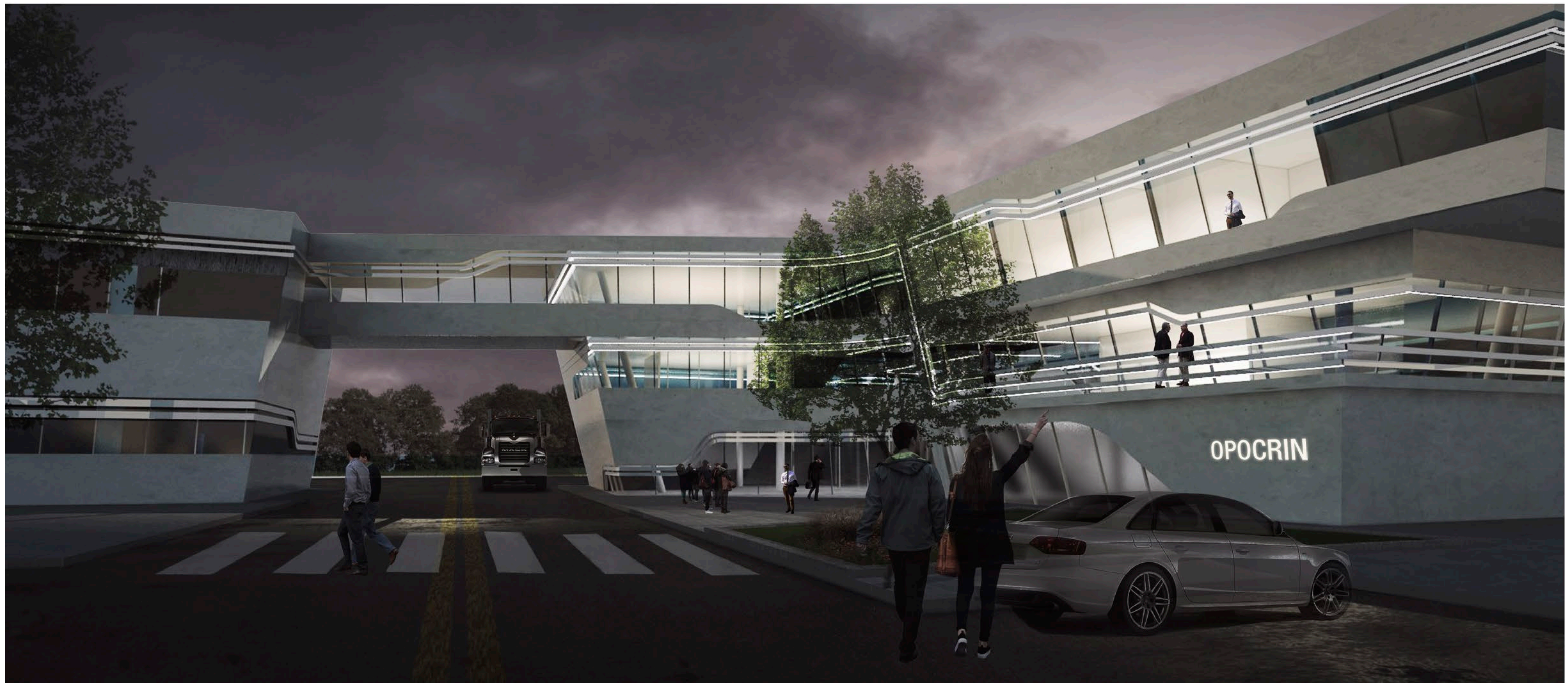


- An Elevated Park -



- The Floating Concourse -





- A New Reinterpretation of the Industrial Facade -

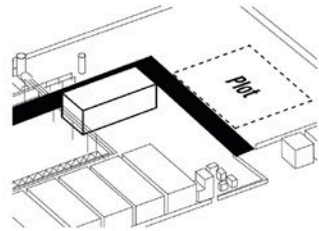
OPOCRIN HEADQUARTER

A Headquarter Reinterpreting the Industrial Past

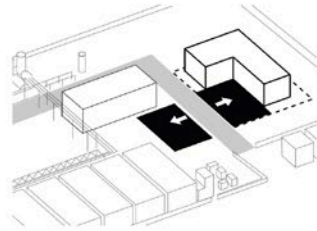
Corlo di Formigine, Italy | TENDER PROJECT | SPRING 2015
 SUPERVISOR: Fabio Giachello | INDIVIDUAL WORK
 Type: Office | GFA: 1800 m²

Located in a suburban industrial site along the highway, the project responded to the request of the client - a pharmaceutical company OPOCRIN, to deliver an iconic, profession and high-tech image by a new headquarter of its own company. As the new headquarter stretches from the existing research hub of the factory, the proposal includes two aspects: masking the existing building and establishing a new headquarter. Begin with the existing condition of the site, the new building choose a way to reinterpret the facade

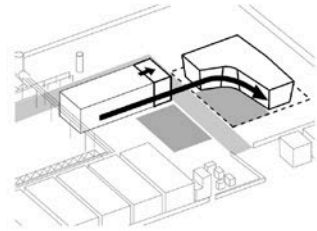
of the industrial site and using the piping as an element of the envelop of the office. These elements act not only as piping that transfer and deliver power and industrial materials as functional needs, but also as lighting, sunsliding and railing on the facade of the building. The porject aims to reach a coherent situation between the new and the old but at the same time breakig the tradiction impression of an industrial site as a place of depression and manufactory.



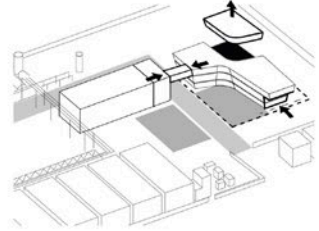
PLOT AND MAIN CIRCULATION
PROJECT LOCATES AT THE GATEWAY OF THE SITE



PLAZAS AS BUFFER ZONES
L-SHAPE MASSING FOR THE HEADQUARTER



A SMOOTH EXTENSION
INCLINED FACADE ON THE SOUTH FOR SUN SHADING

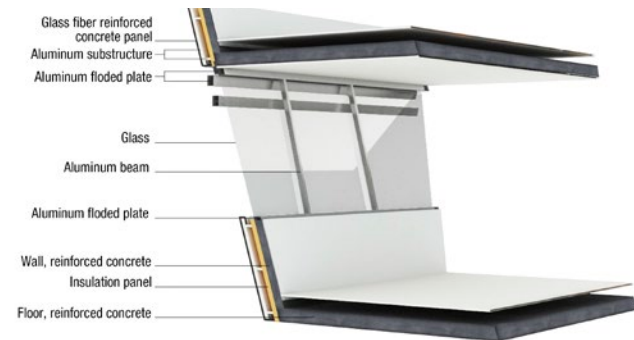
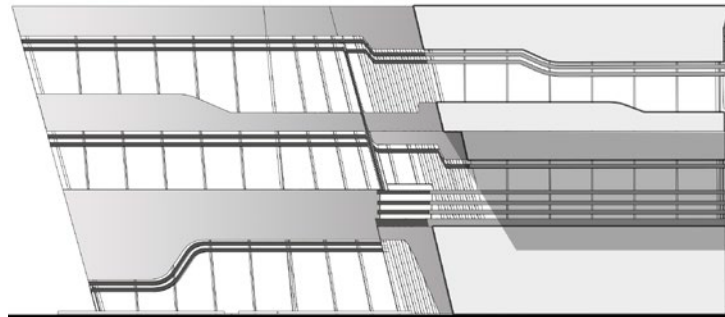


OPEN SPACES AND CANOPY
EXTRACTING VOLUMES TO CREATE OUTDOOR SPACES

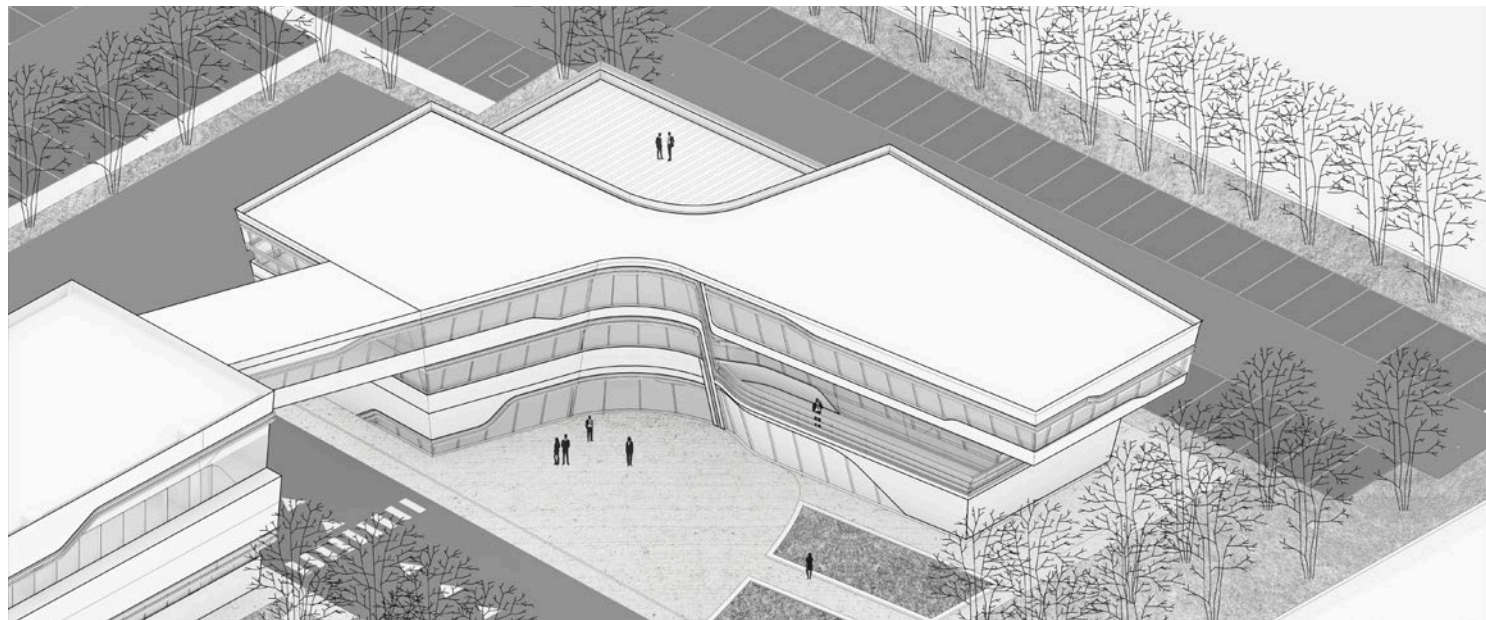
MASSING GENERATION PROCESS



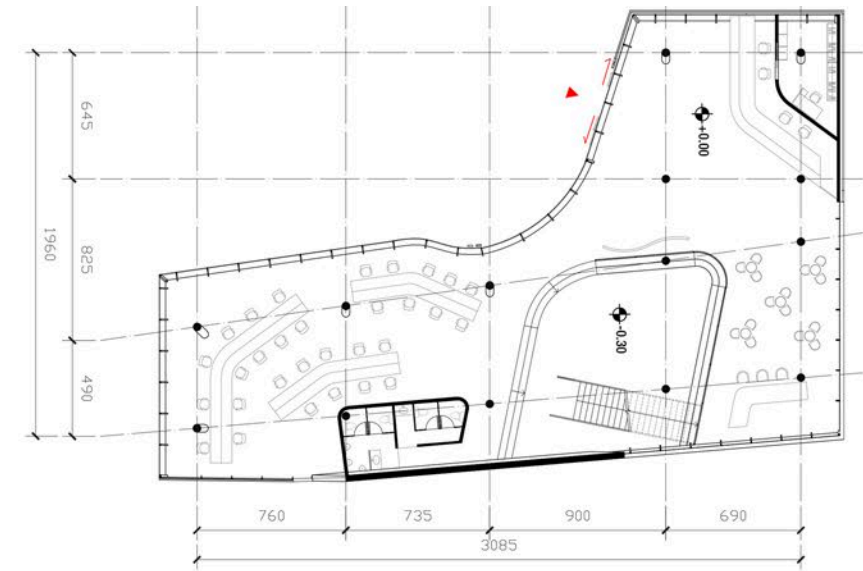
SITE CONDITION: THE INDUSTRIAL FACADE



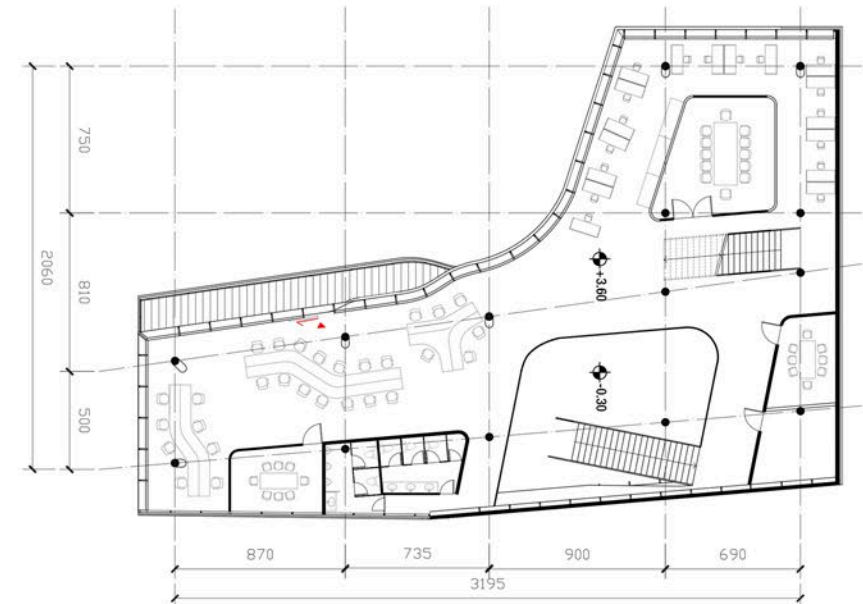
CURTAIN WALL DESIGN



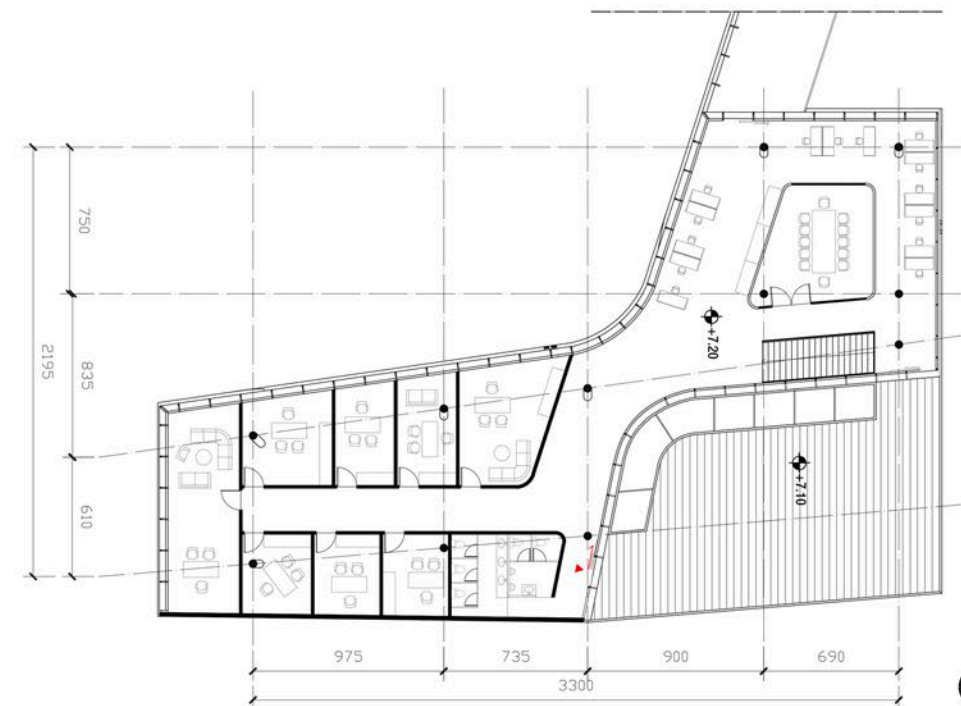
AXONOMETRIC VIEW



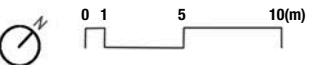
GROUND FLOOR PLAN



FIRST FLOOR PLAN



SECOND FLOOR PLAN



PLANS



- Spiral (Entrance Hall) -



- Natural Light (Office Space) -



PERSPECTIVE SECTION SHOWING WORKING SPACES



- Collective Housing with Continuous Urban Space -

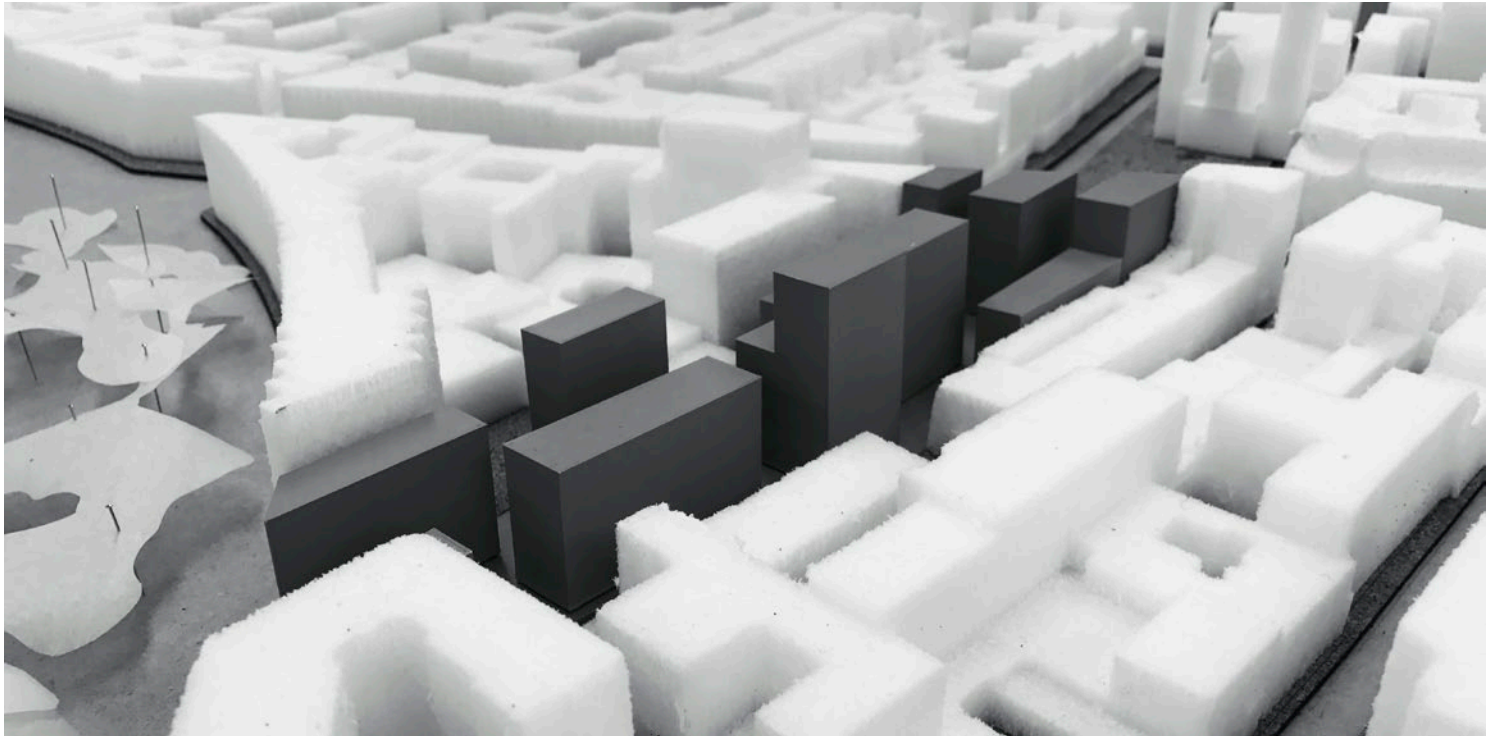
INBETWEEN BOULEVARDS

Housing as an Open Block

Paris, France | Columbia GSAPP | Spring 2017
 Critic: Umberto Napolitano | Individual Work
 Type: Housing Project | GFA: 16000m²

When the lines of boulevards and streets drawn by Haussmann cut into the medieval urban fabric in the 19th century Paris, they formed a modern city that is defined by streets and building facade. The wide boulevards has created a grand Paris, provided a model in which the continuous and uniform facade established and defined the strong urban identity of the city, but on the other hand, it constitutes a true threshold between public and private space. The streets were seen as the "theater" and the courtyards being the "backstage".

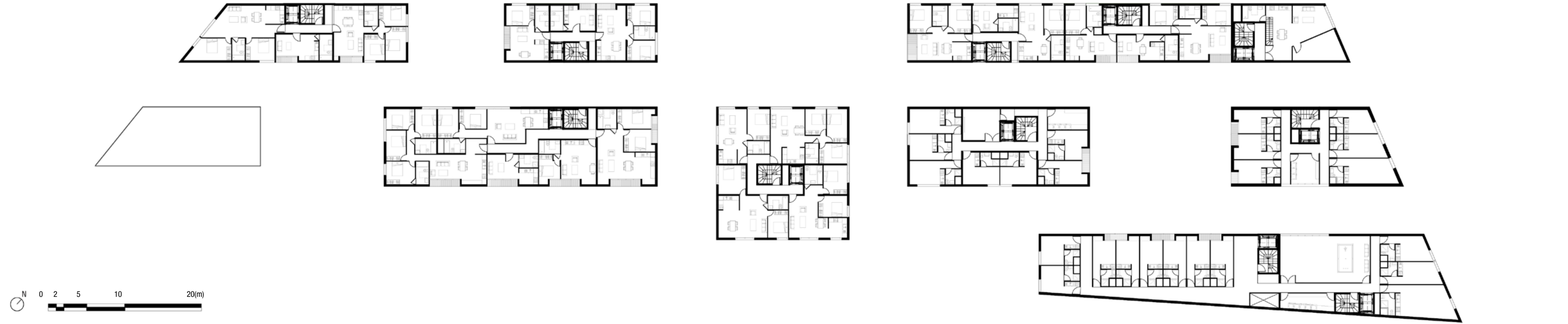
Located in a residential neighbourhood between two boulevards, the plot is linear one with little interface with the street. Consider the fact that the plot has similar width with the boulevard and the former use of the plot was a public living space, the project tries to find a way to realize both the urban value and the housing units at the same time. To achieve this, the threshold between the streets and courtyards was loosened, created accessibility and urban value to the space inside to achieve an open block.



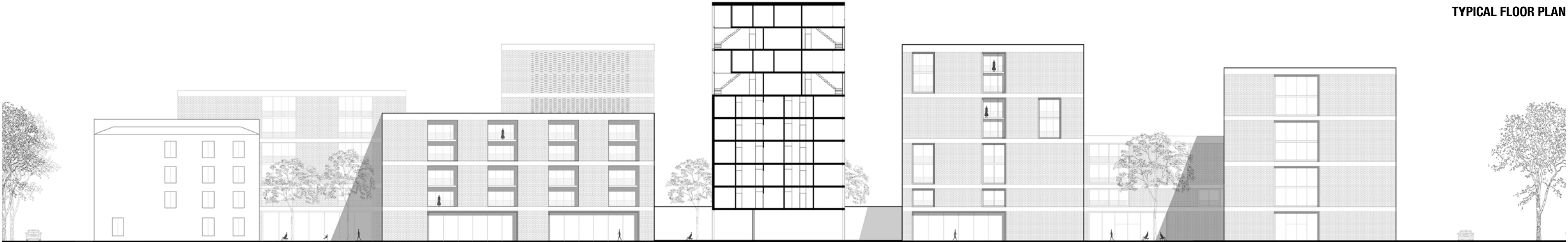
SITE MODEL



GROUND FLOOR PLAN



TYPICAL FLOOR PLAN



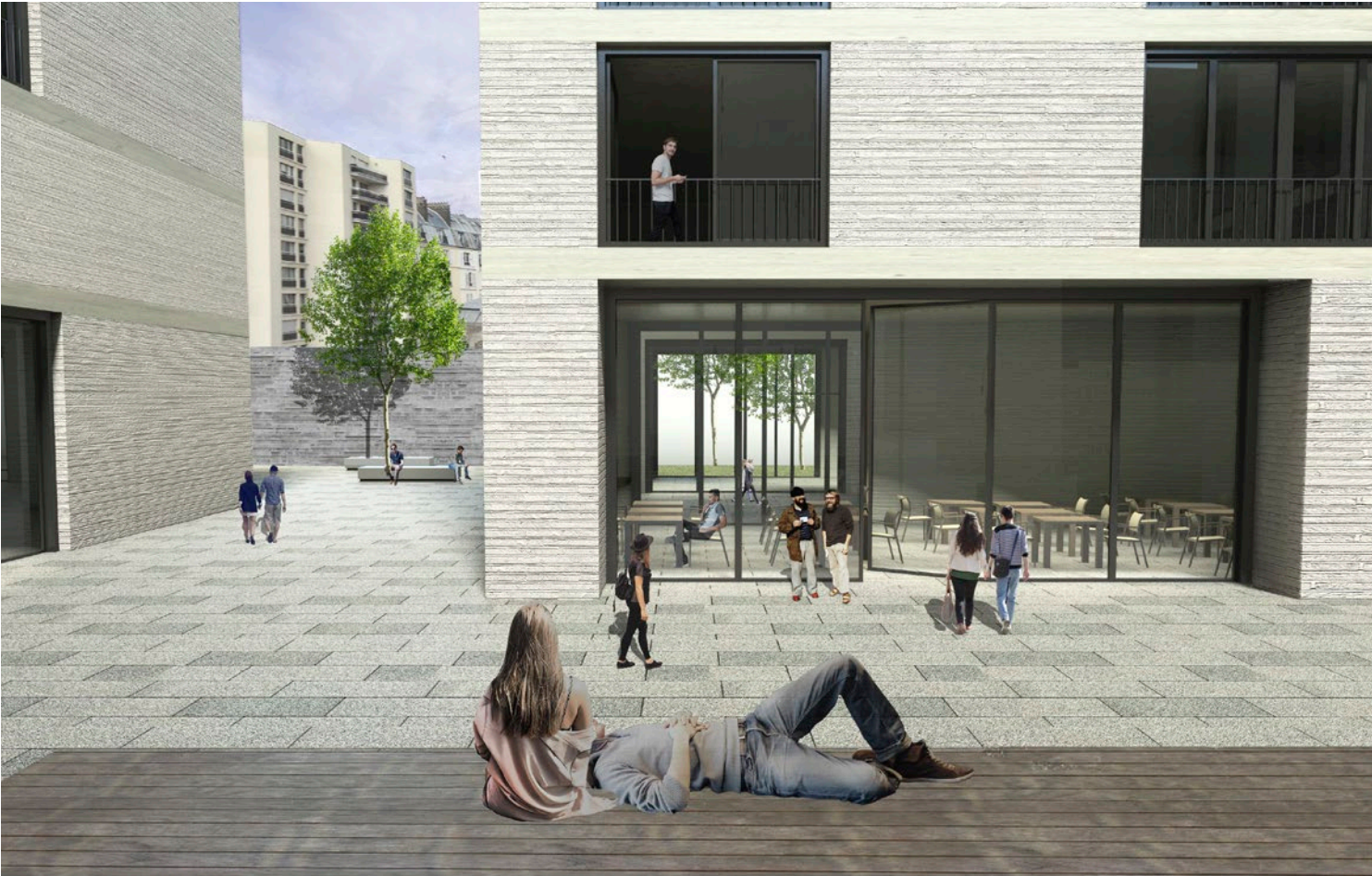
LONGITUDE SECTION B-B



- The Modern Village -



- Open Block -



- Corner / Depth -

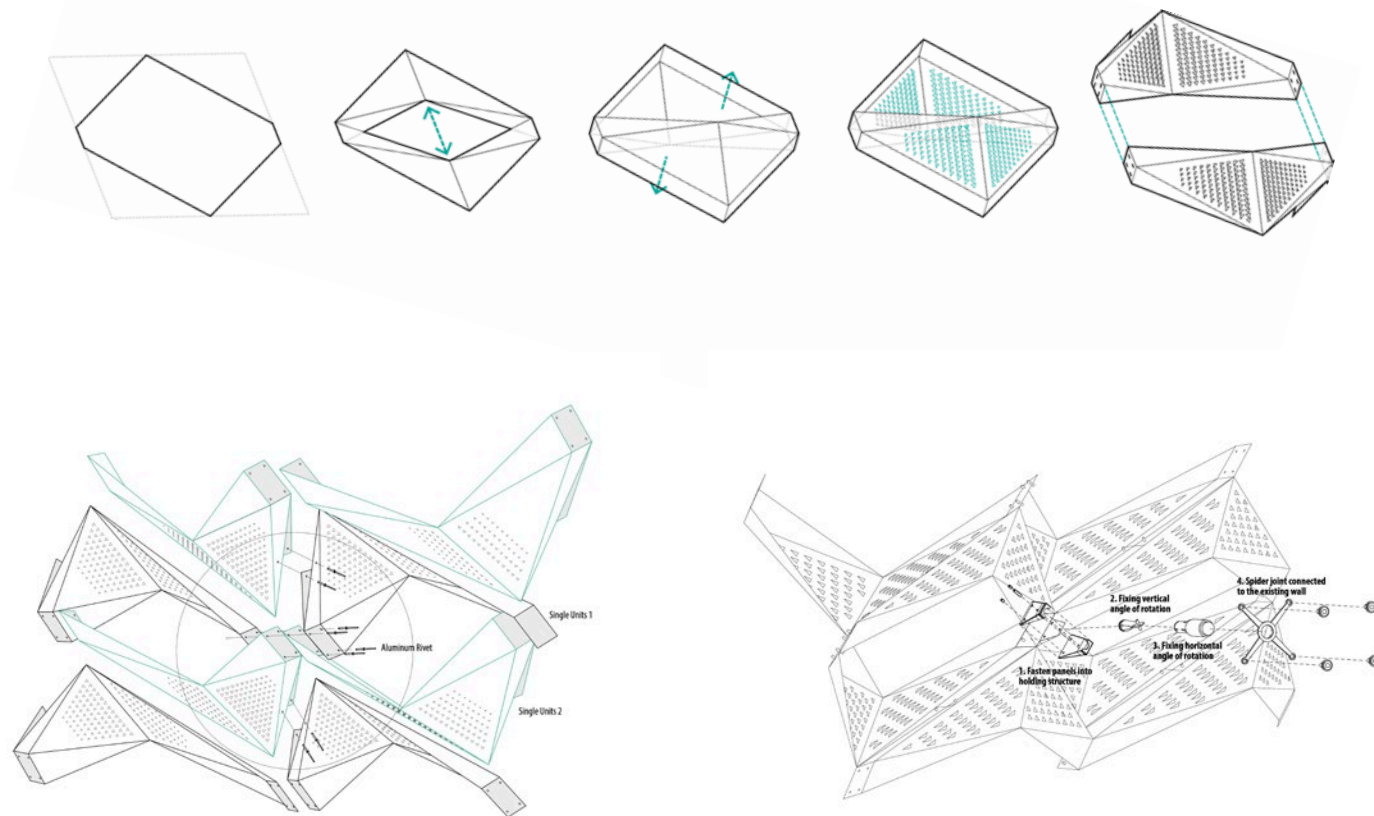
THE FLOW

Surface Screen Structure

New York, NY | Columbia GSAPP | Fall 2016
 Critic: Joseph Vidich | Group Work
 Type: Curtain Wall Design / Renovation

The project focuses on the design and digital fabrication of sunscreening system for the New Inc building neighbouring the New Museum. Unlike the adjacent building, which plays with the set-backs of volumes to respond to the neighbourhood buildings on Bowery, the design facade illustrate the concept of flow by creating a smooth wave along the flat street facade of the Bowery

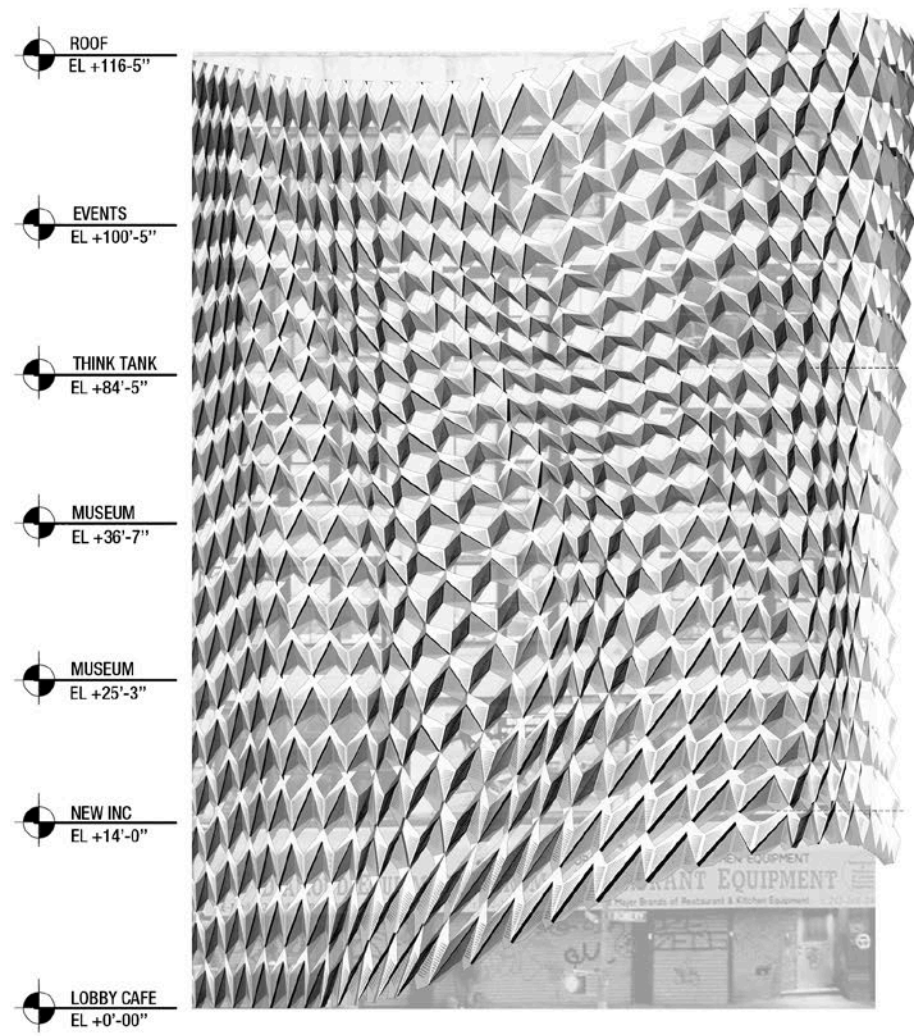
to indicate the creative incubator spaces inside. The flow of the facade has also created different depths of the space between the original building and the designed screen, which correspond to the function of the spaces inside. Intermediate space was proposed to creat outdoor public spaces for people to share and communicate ideas.



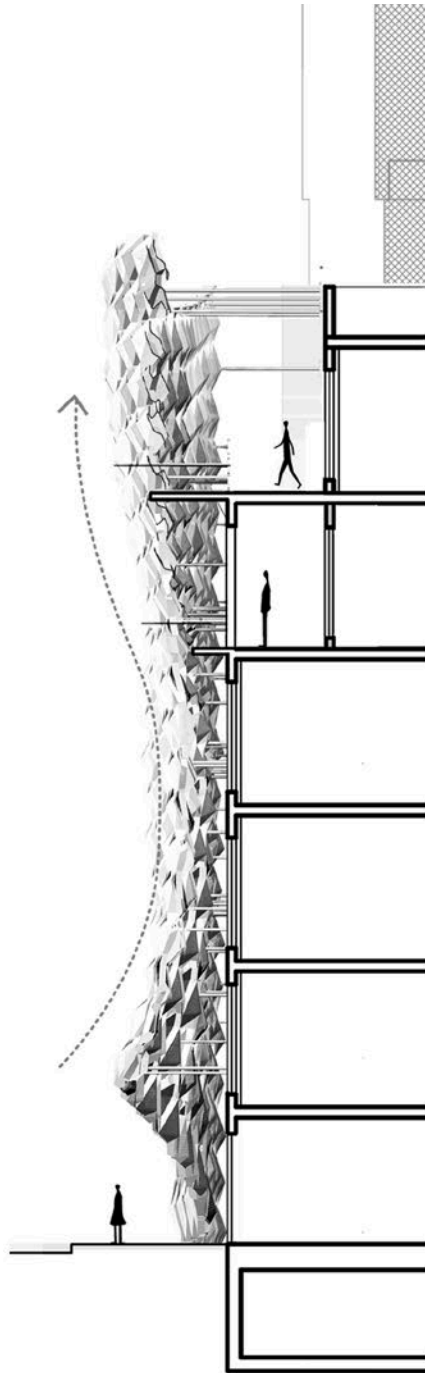
PROTOTYPE AND ASSEMBLING STUDY



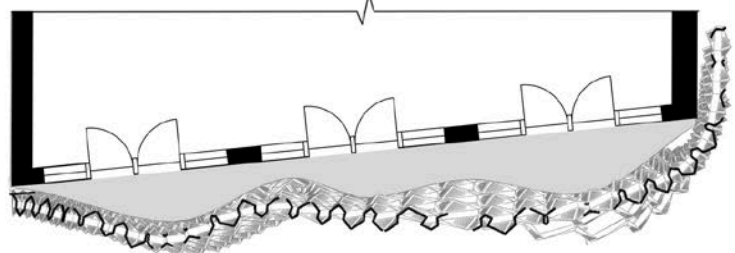
- A New Dress -



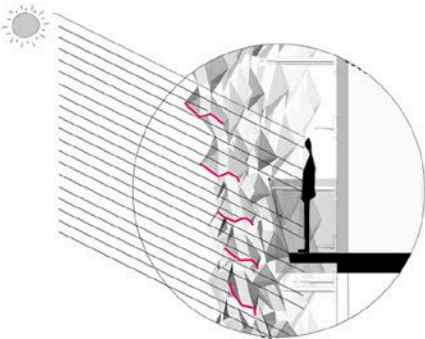
ELEVATION



SECTION

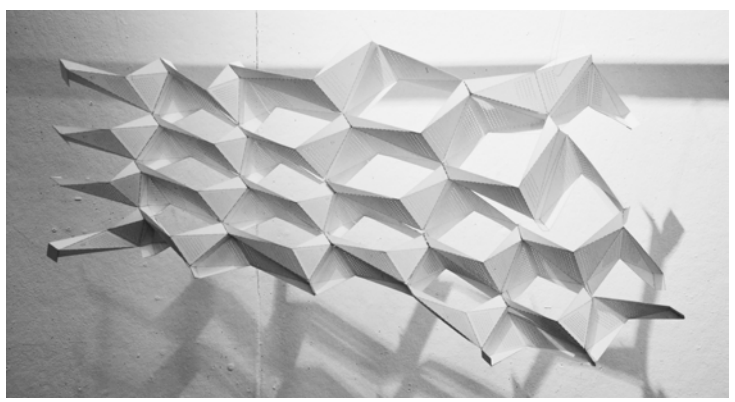
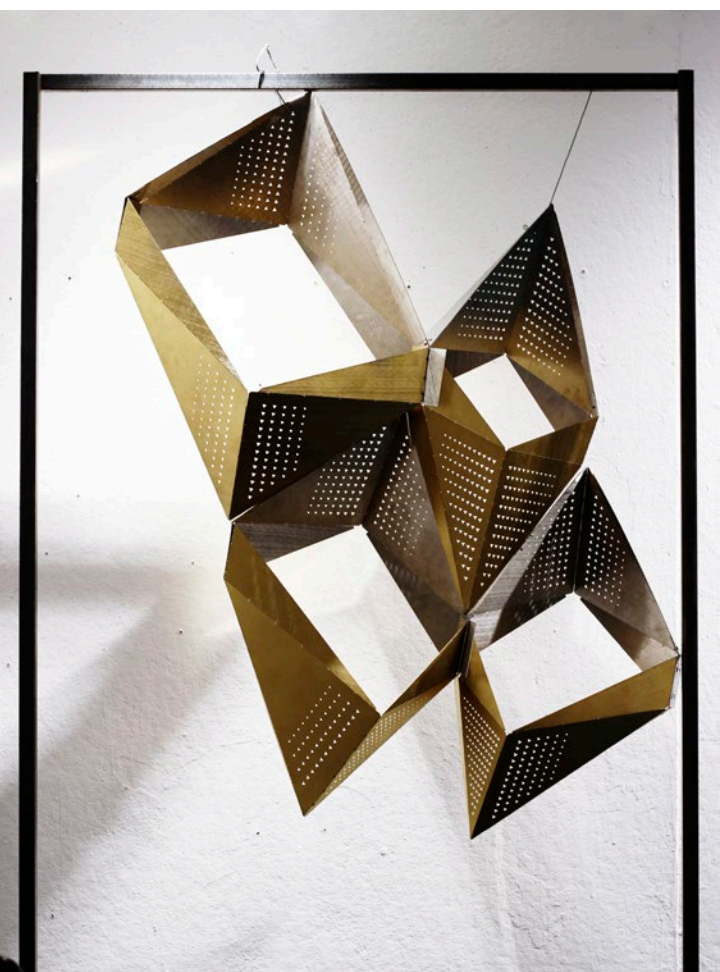
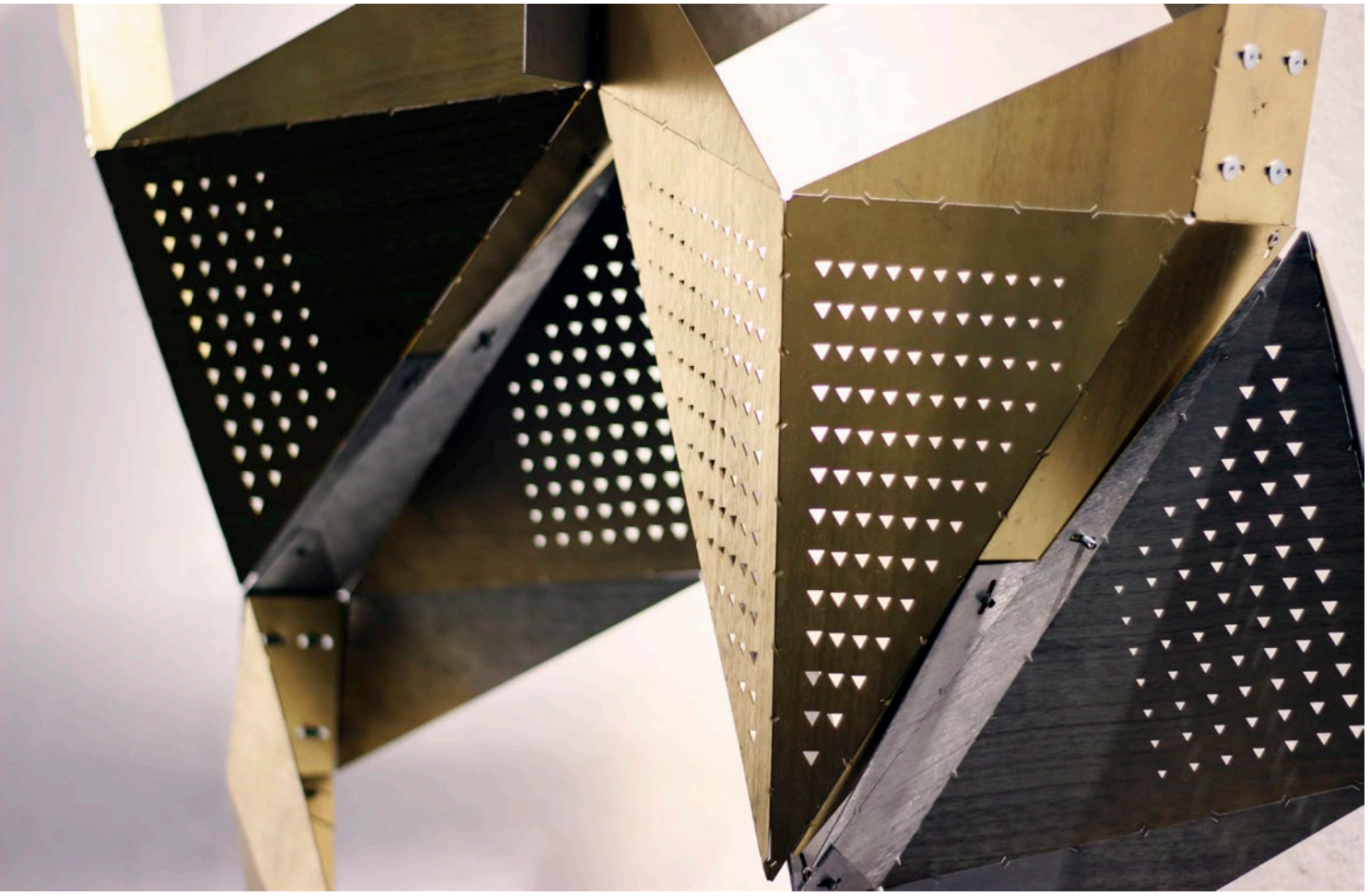


PLAN



DAYLIGHT PERFORMANCE

ORTHOGRAPHIC DRAWING



DETAIL OF SECTION AND FINAL MODEL

ETIQUETTE IN BOOKS

Jining Culture Center

Jining, China | Tender Project | Summer 2014
Supervisor: Zhenhui Zhang | Group Work

Jining has several distinctive associations in Chinese history and culture, as in antiquity it was the birthplace and home of Confucius, along with many of his more famous disciples, including Mencius. Temples to a number of these philosophers still exist in various parts of the prefecture. In the ancient times, the etiquette of china was written by them in bamboo slips so that they could be recorded.
The project then aims to evoke the history and culture of this city by architecture.

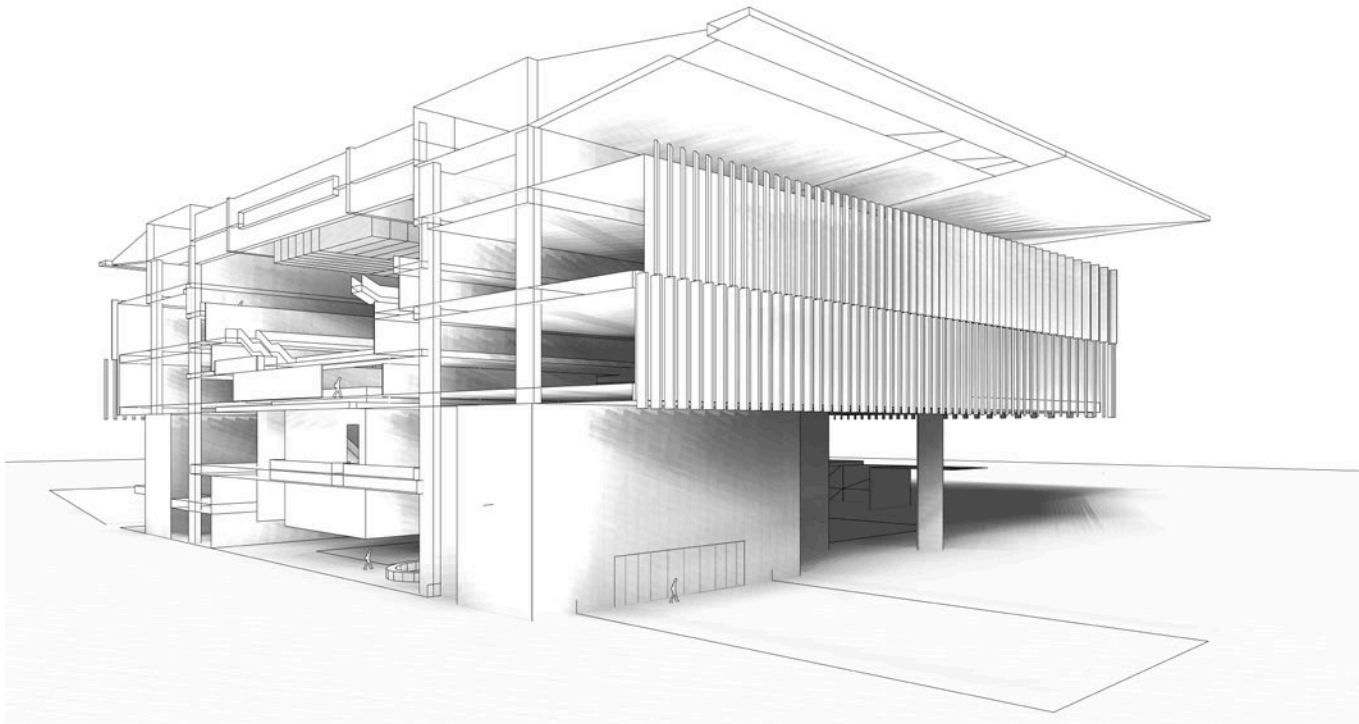
As one of the most important cultural facilities in the city, the library should carry on the cultural aspect of the city's history and represent it in a modern way. In the project, the design of the screen and facade was an integration of ecological and sustainable design and the etiquette written in the books. Through changing the angle of the louver in purpose, it creates different effects related to the architecture behind, which performs well in shading the strong sunlight, or providing views to the nature outside and emphasizing the characters and texture inhered in the culture of the city.

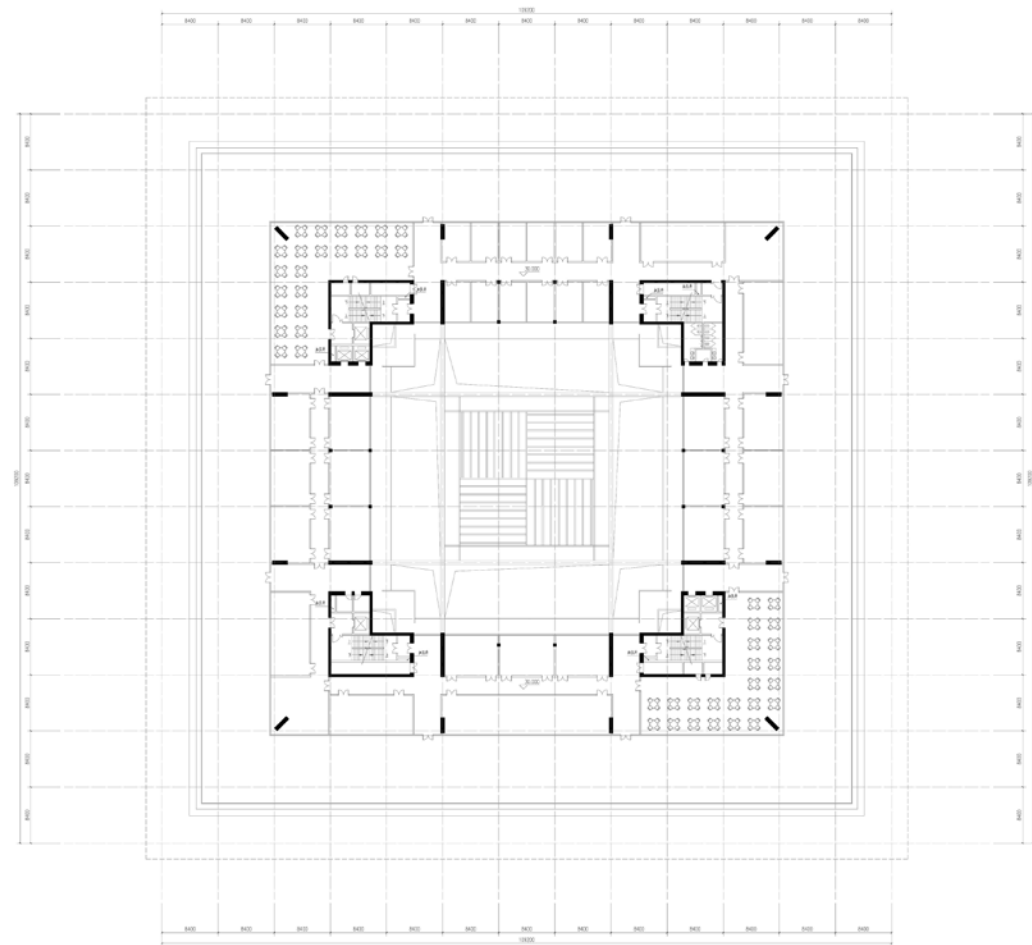


BIRDVIEW SOUTH WEST CORNER

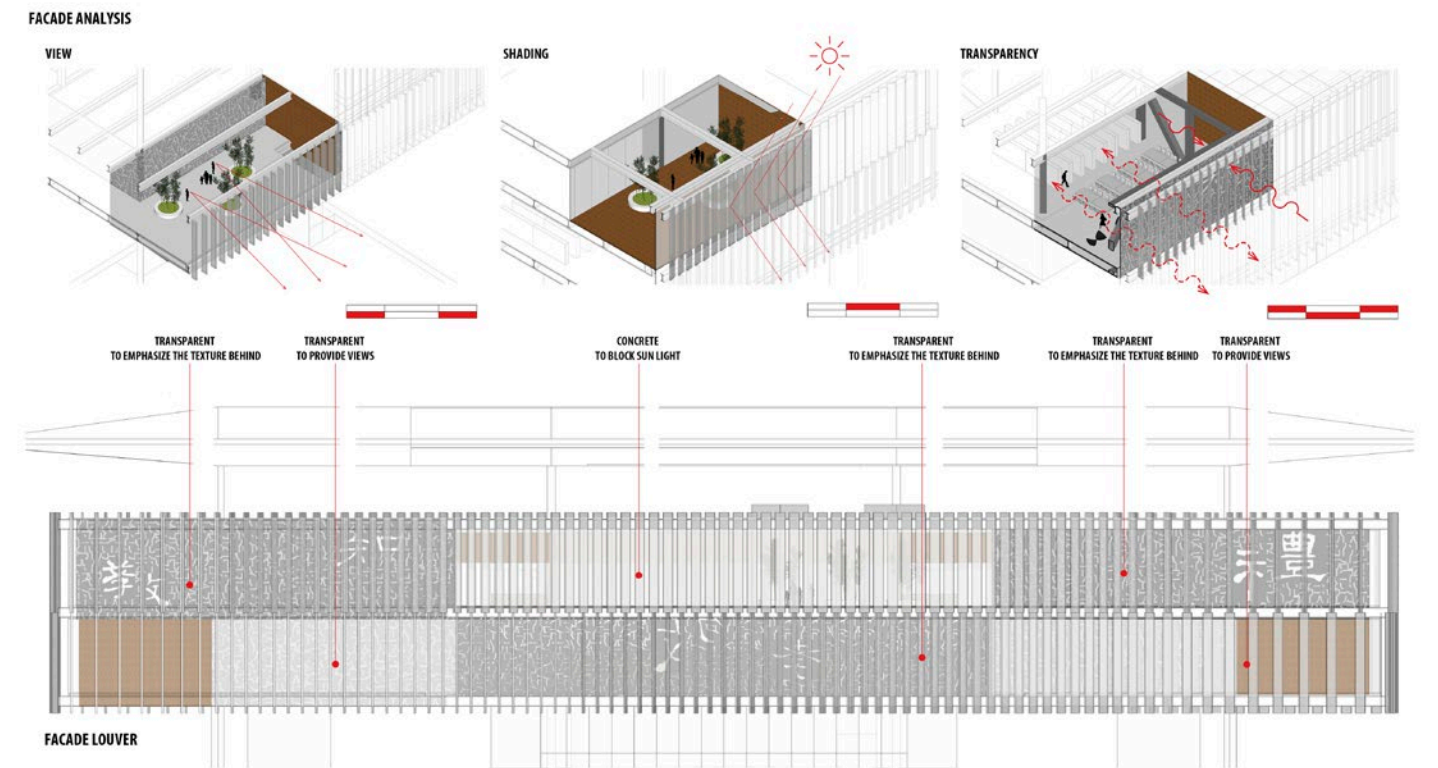


SOUTH EAST CORNER LOOKING AT THE ENTRANCE AND FACADE

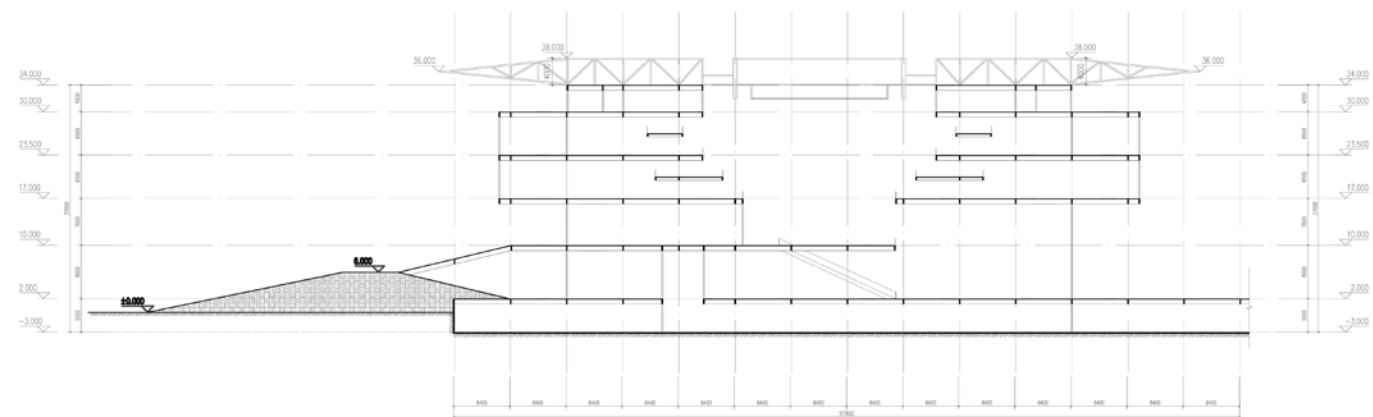




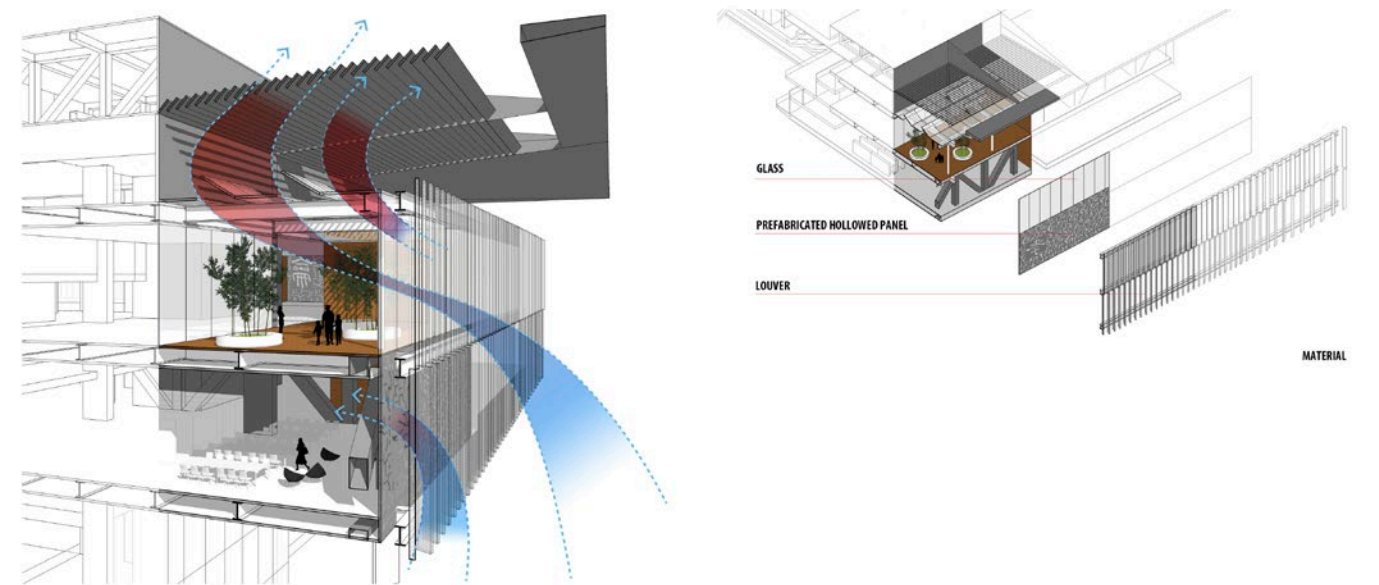
FLOOR PLAN +30.000



FACADE DESIGN STRATEGY



SECTION 1-1



ECOLOGICAL SCREEN SYSTEM

BIOTECH ISLAND URBAN DESIGN

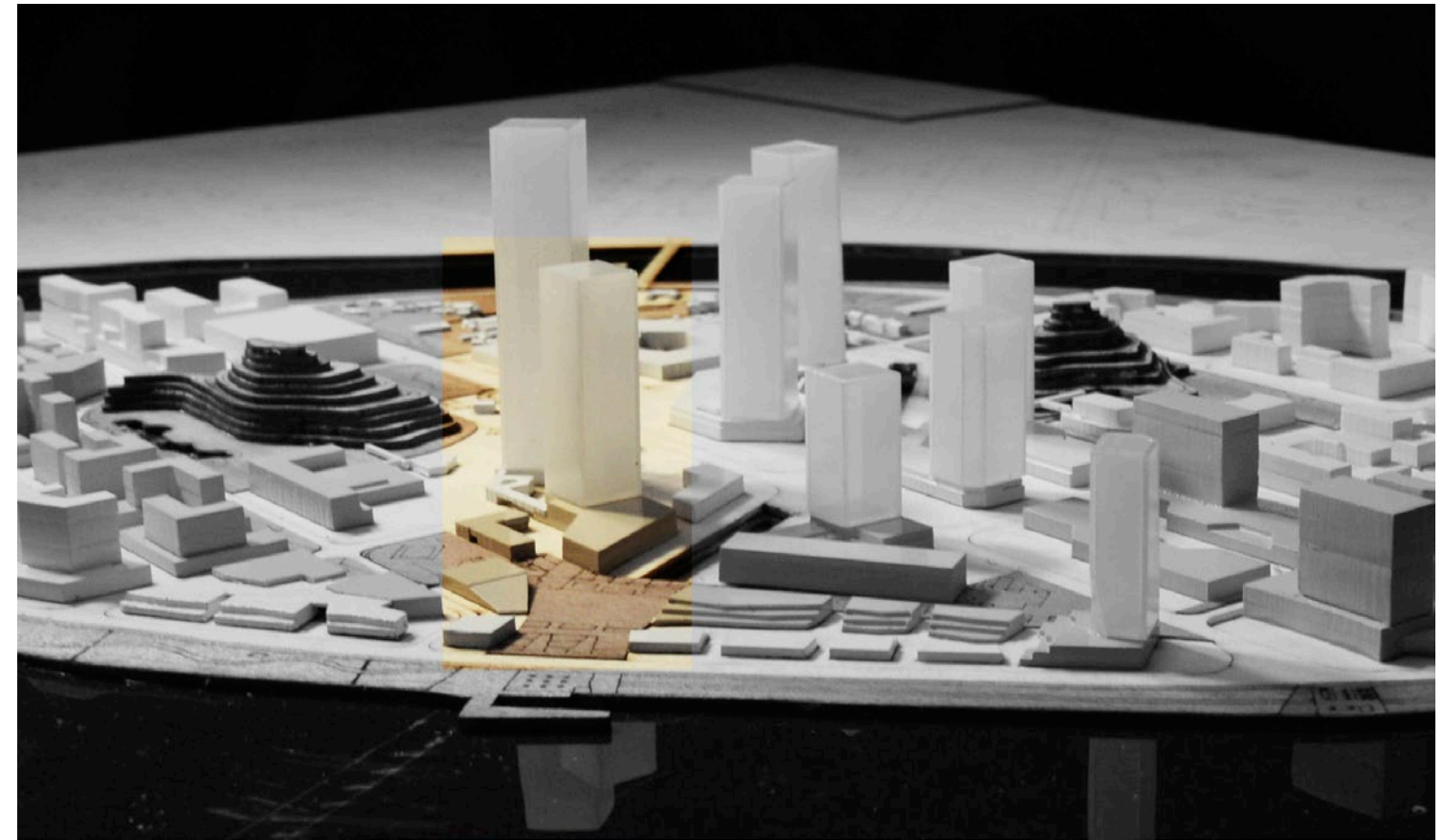
Guangzhou, CHINA | South China University of Technology | Spring 2016
Supervisor: Yimin Sun | Group Work (Masterplan) Individual (Mix-used Office Complex)

Guangzhou island locates at the southeast of the central Haizhu district of Guangzhou, China. It has a total area of 1.8 square kilometers. The habitant history of the island dated back to Ming and Qing Dynasty.

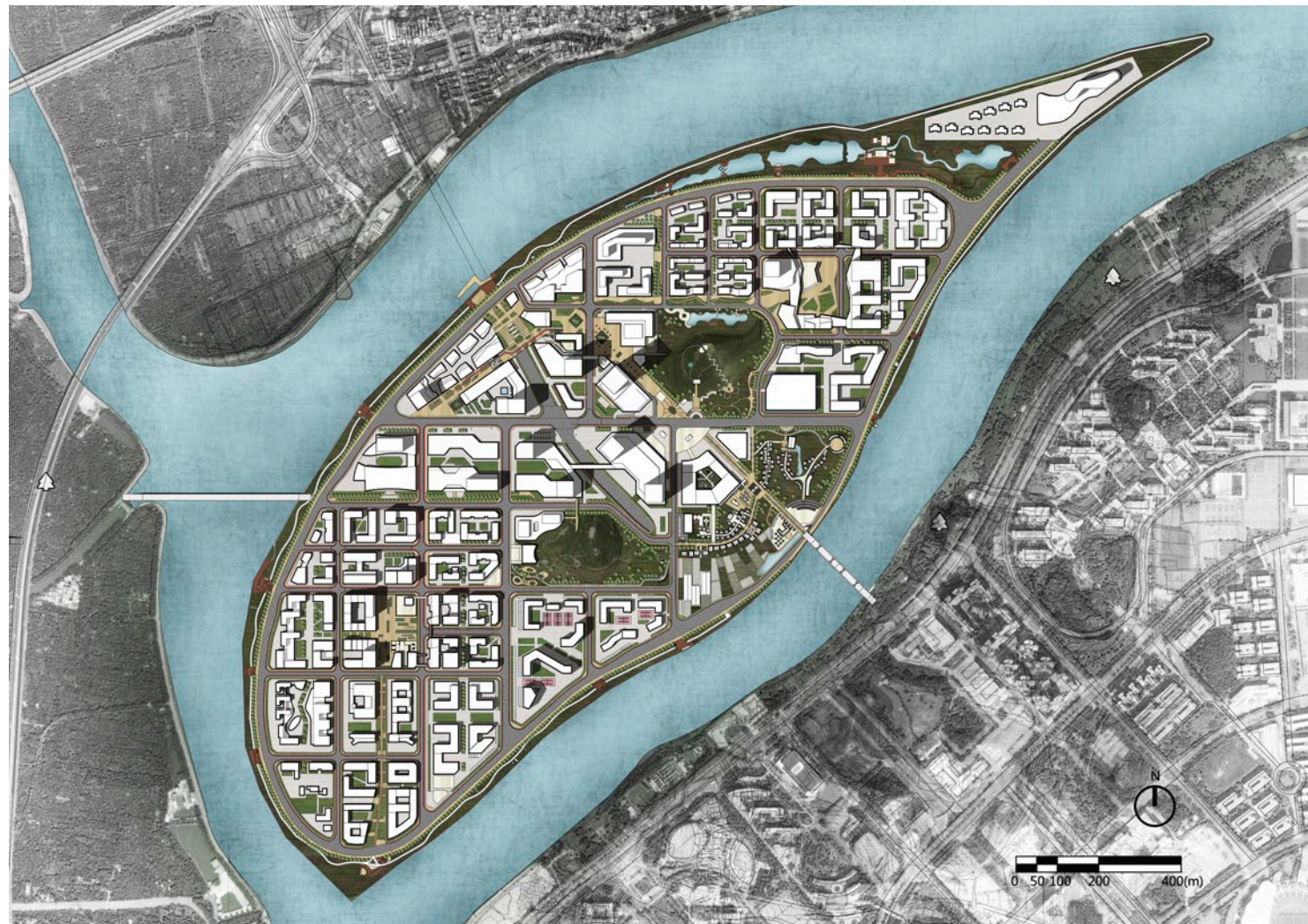
The directives from the central government has arrived in 1999. Guangzhou Municipal Government announced plans to develop Guangzhou into Guangzhou International Biology Island, in order to meet the need of biological technology development. The main infrastructure on the island have finished by 2015, though, not as many biotechnology company arrives as expected. The greedy ambition to build an exclusive biotech island fearlessly to attract international money is failed.

Our proposal argues that the island belongs to the people in the city. Given the irreversible of the urbanised status quo, the vision purposes a liveable island, hosting 20,000 high-tech employees, 400 local villages, and occasional visitors at weekends. The purposed hybrid programmes with civic commons is aimed at balancing the uneven population distribution on the island in terms of time and space.

My own project locates at the entrance of the island near the Metro station, the tunnel connected to the city and one of the harbors on the island. The main purpose of the project is to deal with the differences in levels and connected the transportation joints with the Mix-used Complex.



PLOT :RIVERFRONT COMMERCIAL AND OFFICE COMPLEX



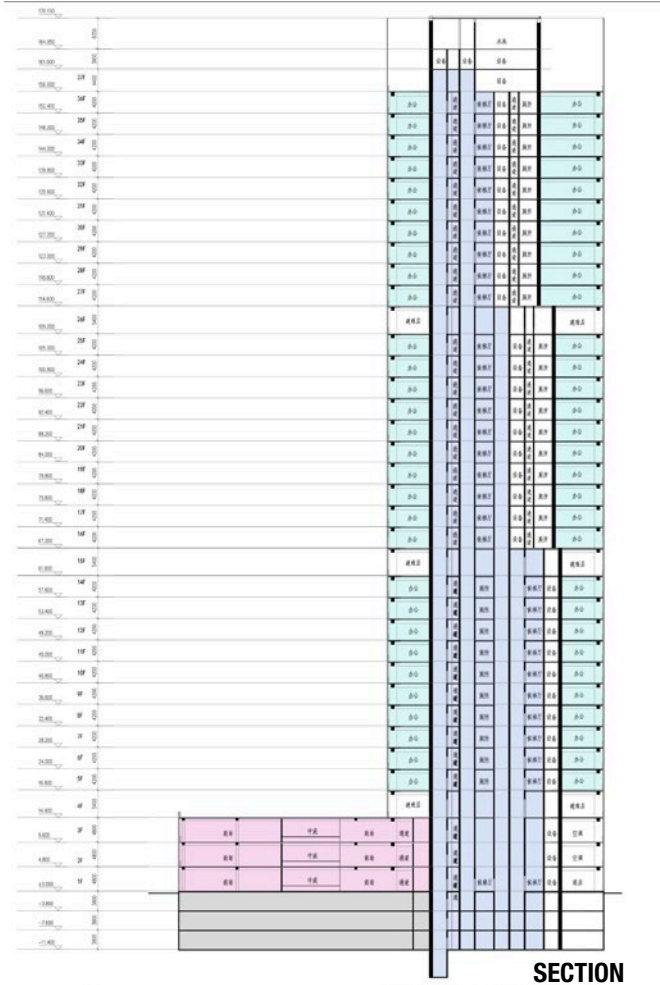
MASTER PLAN



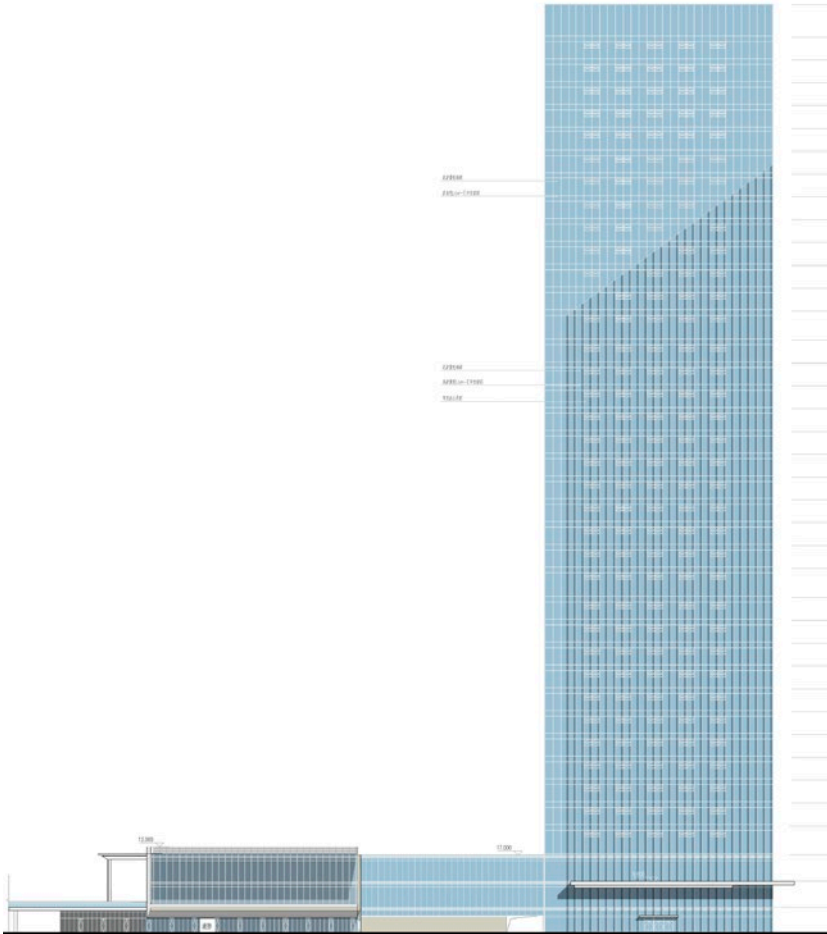
GROUND FLOOR PLAN OF SHOPPING CENTER



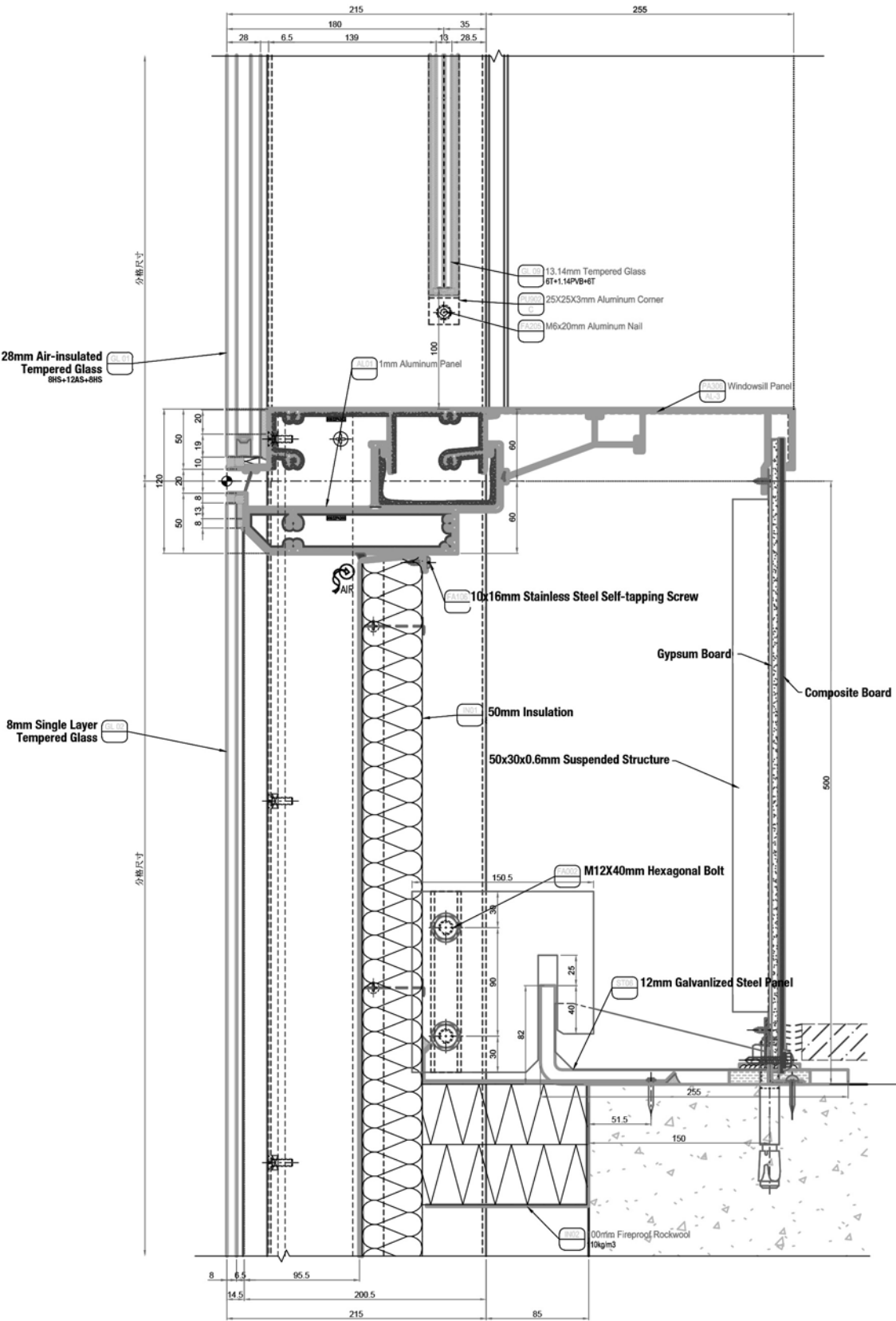
ENTRANCE OF THE OFFICE TOWER



SECTION



ELEVATION

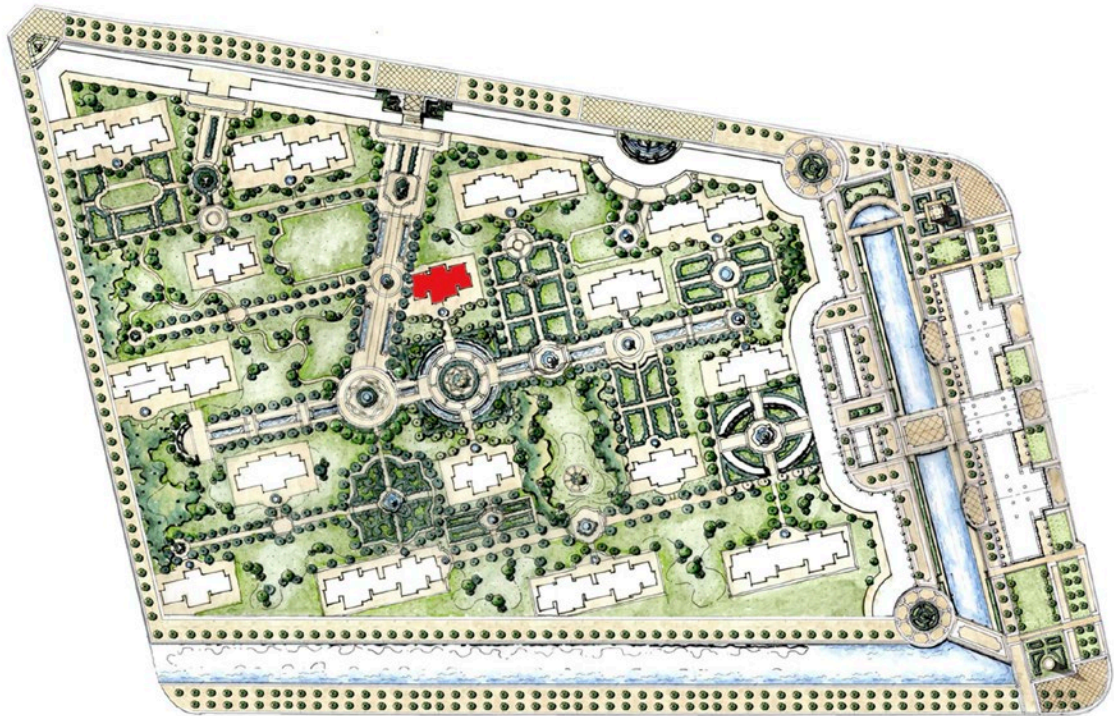


TECHNICAL DETAIL OF CURTAIN WALL

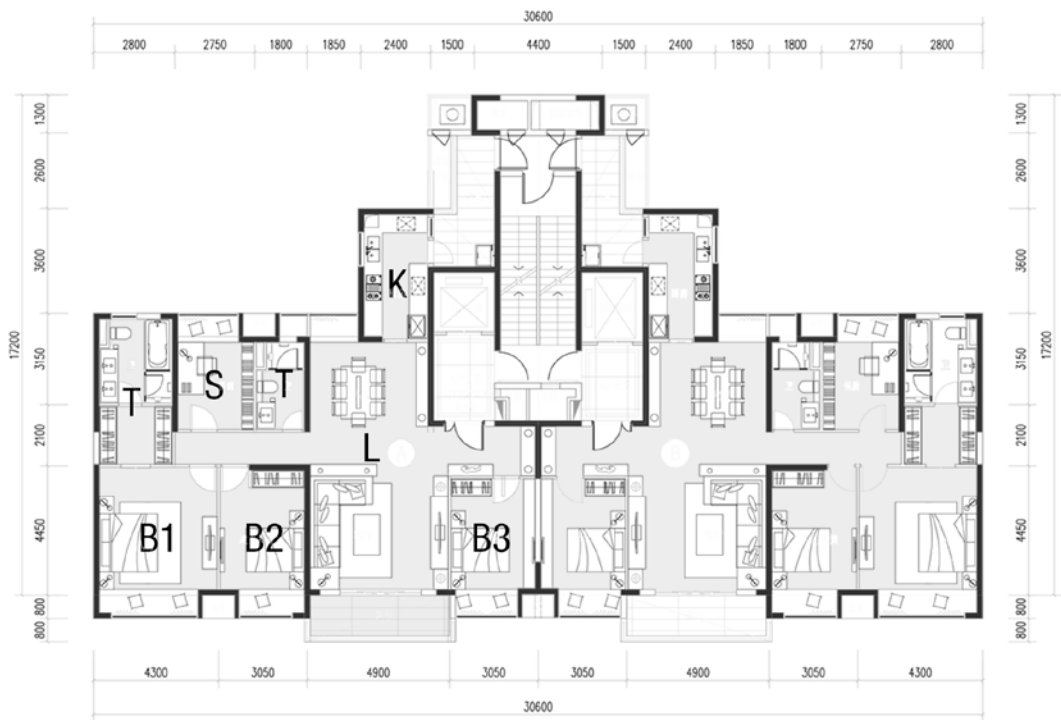
Huishan Imperial Gardens

High-rise Residential Project

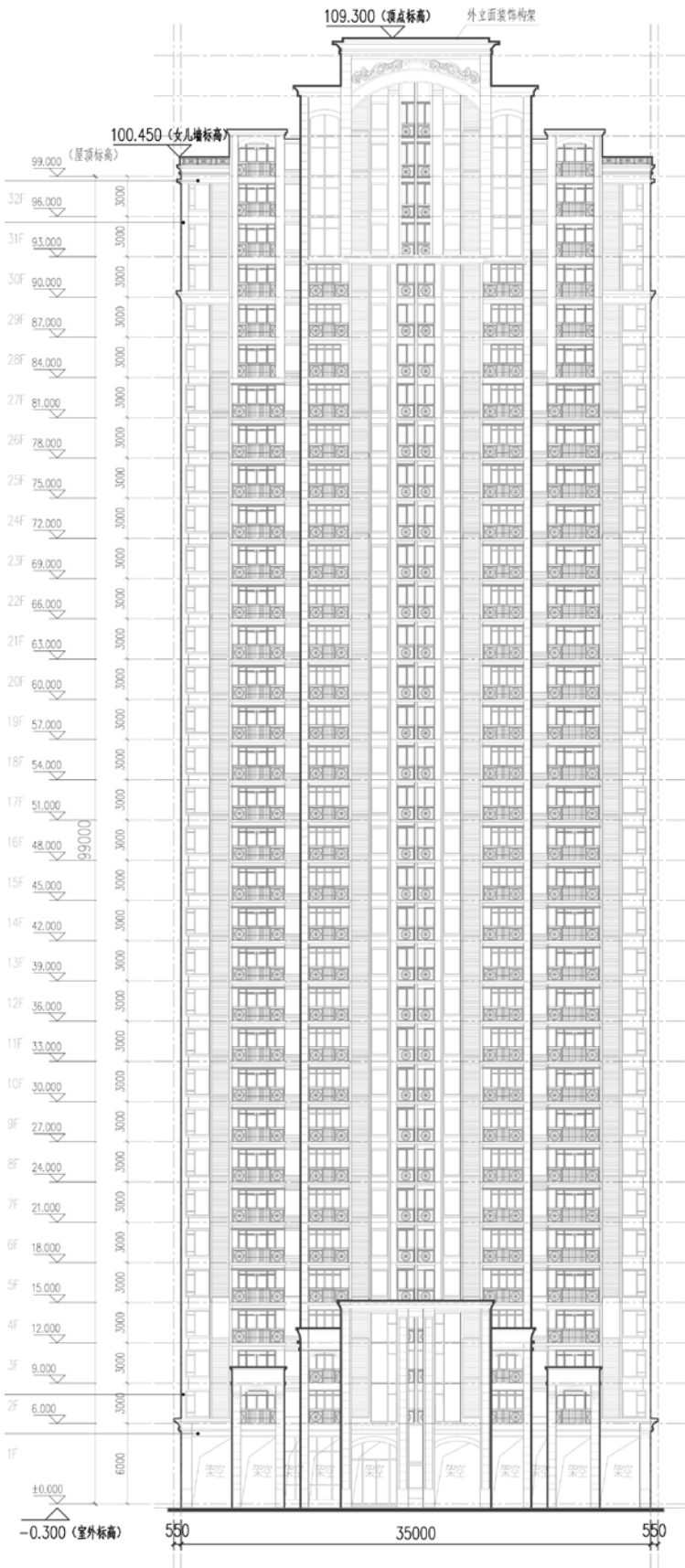
Wuxi, China | LWK & Partners Ltd. | Summer 2013
Supervisor: Sliver Cheng | Professional Work | High-rise Residential



MASTERPLAN



TOWER A TYPICAL FLOOR PLAN



SOUTH ELEVATION



DIGITAL MODEL

CANOPIA

Turin, Italy | Politecnico di Torino | Spring 2014
Supervisor: Michela Barosio | Individual Work | Housing

