5 PROJECTS 2019-2020 YANXI FU

INDEX

05 Museum With Only Gallerie	05 Mu	useum With	Only	Gallerie
------------------------------	-------	------------	------	----------

Advanced Arch Design Studio

17 Renovation of US Eembassy in The Hague

Advanced Studio V

33 Pollination on Fulton Street

Advanced Studio VI

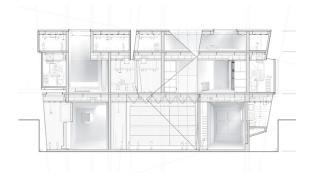
55 Techniques of the Ultrareal

Visual Elective



As with most culture and technology shifts, the transformation of the museum as a type has been gradual enough to go largely unnoticed, or at least incrementally accepted, by the public. Meanwhile, the development of new art forms either outpaces or is sometimes constrained by the spatial and technical capacities of the spaces in which they are displayed or enacted to the public. Has the museum as a builiding type grown too complex? Or should we, as architects, embrace this increasing complexity?

In the world of museums, as more portions of non-gallery space are becoming galleries, we envision a museum with only galleries, an architectural device that downplay such binary program distinction by creating a binary spatial prototype. Meanwhile, the binary spatial experience provides a more dynamic and flexible alternative for institutions and curators.



Precedents Study

From our precedents, both the diverse room-scales created by poché in Sir John Soane's Museum and the glass door which allows visitors to peak through workspace in the Whitney Museum suggest a certain flexibility for galleries / museums.

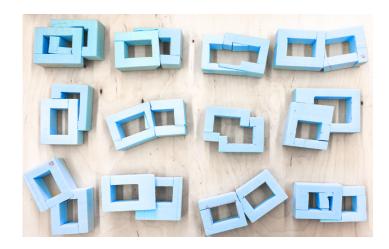


Sir John Soane's Museum



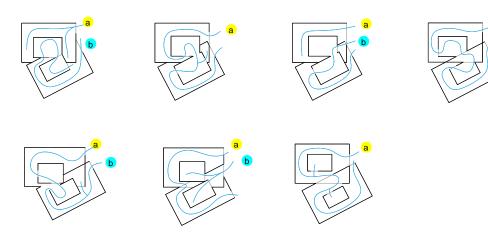
Whitney Museum

Form Study Model

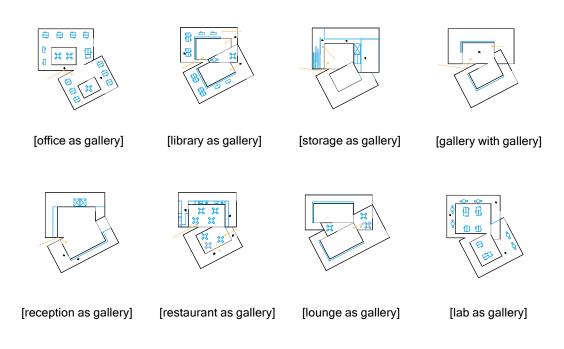


We proposed a prototype with the back of house wrapping the front of house. By paring such units, we can create more scales and connections between the two spaces. The wrapping layer acts as the armature for art which has the spatial quality on the contrary to the neatness of the wrapped layer.

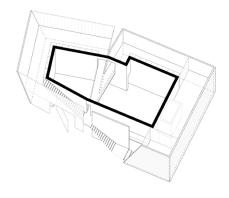
Combo Circulation



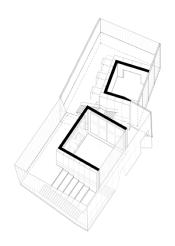
Program Combination



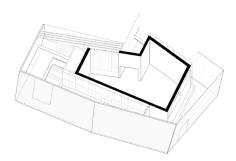




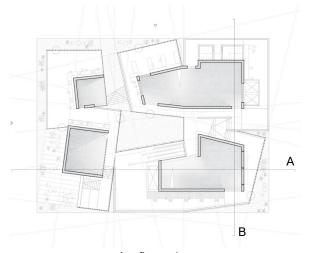
Reception as Gallery



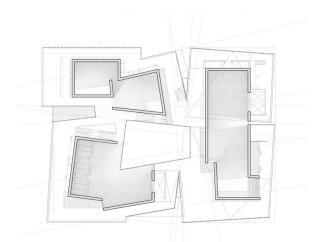
Library as Gallery



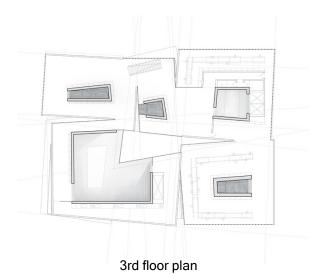
Storage as Gallery



1st floor plan

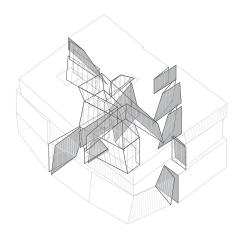


2nd floor plan

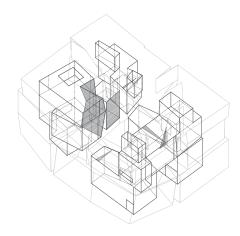


09

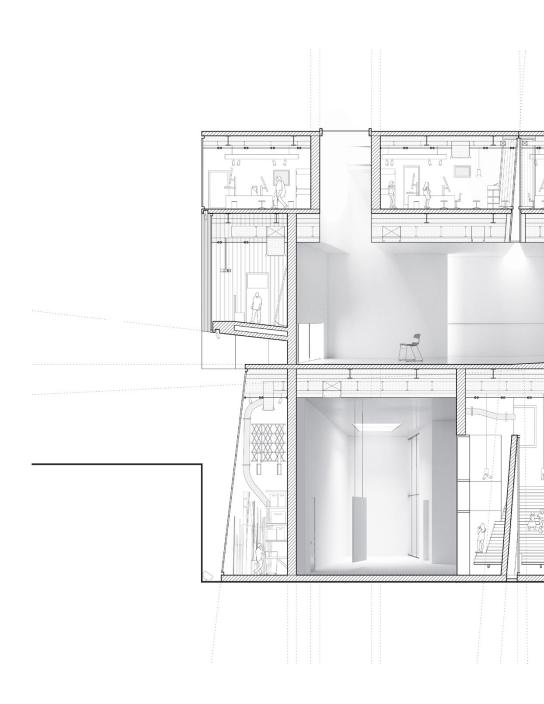
The operation of paring introduces a third spatial type - the crack. The crack brings light to the wrapped layer both in plan and section. It also brings forth a gallery type that is interactive with the city.

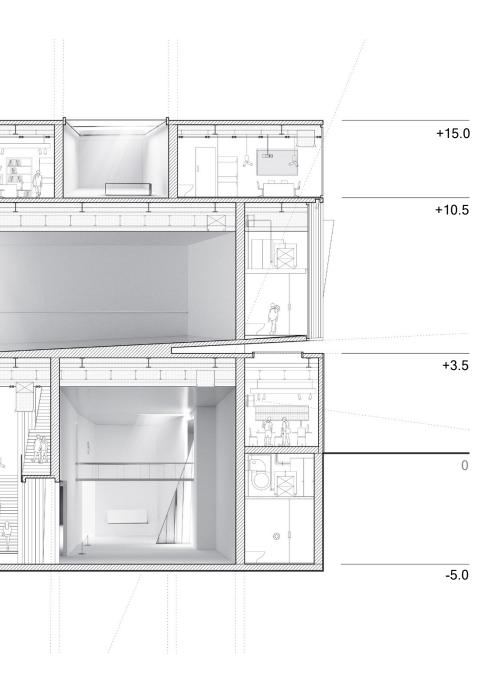


cracking system



cracking interface

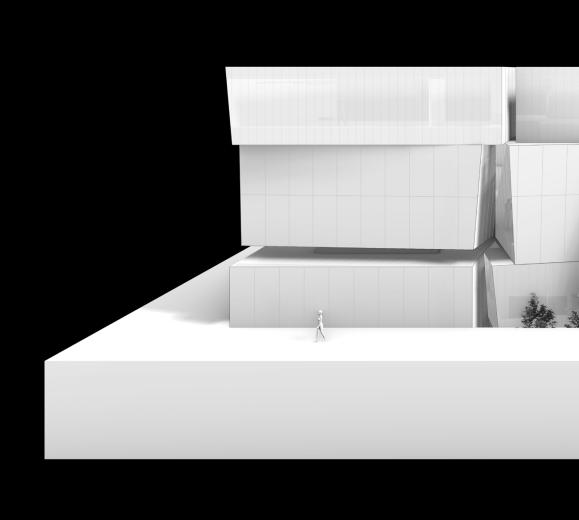


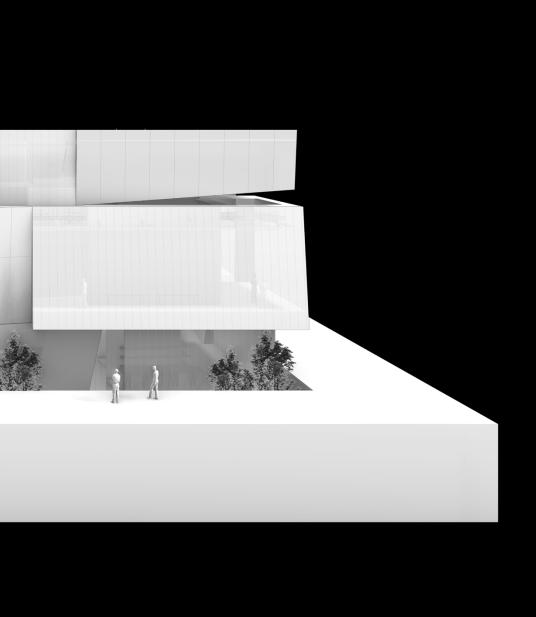


Section B







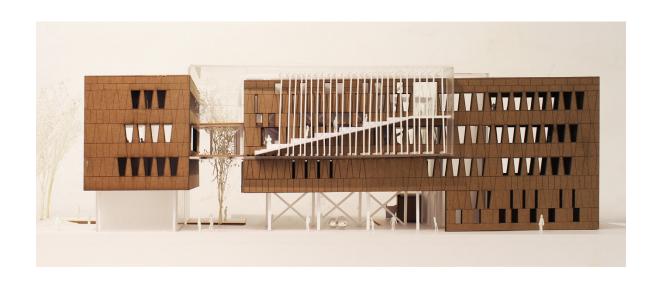


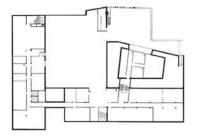


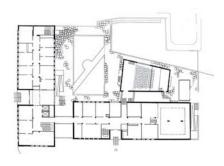
Embassy in The Hague, Netherlands, designed by Marcel Breuer and completed in 1959, is no longer viable post 9/11 for security reasons and thus has been decommissioned and is being renovated for contemporary use. In various ways the actual current plans to reuse the building for a hotel and a new home for the museum of the Dutch artist M. C. Escher resonates with this mixture of a commercialized cultural hospitality, the circulations and mixings of local and non-local culture, residents and non-residents.

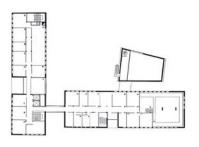
Aiming to explore the programmatic coincidence of hotel and museum, we alternate
two kinds of programs both in plan and
section, increasing interaction between
visitors and residents and meanwhile
creating more public space shared by two
programs. And as an augmentation to these
two programs, considering the programs
more relevant to the local context in the
Hague and newly-developing curatorial
methods, we narrow the hotel program, for
local artists, and create art working space
between the old builidng and new addition
which is a huge free-plan gallery meeting
contemporary curatorial needs.

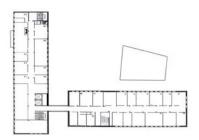
With its heavy political history and brutal stone facade, this embassy building never showed a friendly or open manner to citizens in The Hague. By breaking its original heavy stone facade and open more public space on the basement and first floor, we want to rebuild an approachable image of this old embassy building and let it contributes more to the urban life in Hague.











Marcel Breuer's Design

In the period when the embassy was constructed Breuer's work underwent a stylistic development: the pure modernist architectural idiom changed into a more personal idiom. In the embassy building this is expressed in the stone facade facing and the characteristic trapezoidal windows, which are unique in style. The distinctive features of architecture are its clear design idiom, the use of modest natutal materials and restrained colors, and well-considered dimensions and details.

The layout of the building is clear and well-ordered, in both programmatic and spatial terms. The two main edifices each have their own entrance and are linked by a glazed connecting structure that benefits the flow. The bulding is relatively enclosed, with several sightlines through the building to the courtyard.



- 1 Lange Voorhout
- 2 Courtyard
- 3 Entrance Lobby for Museum
- 4 Entrance Lobby for Hotel
- 5 Museum Shop
- 6 Cafe
- 7 Auditorium



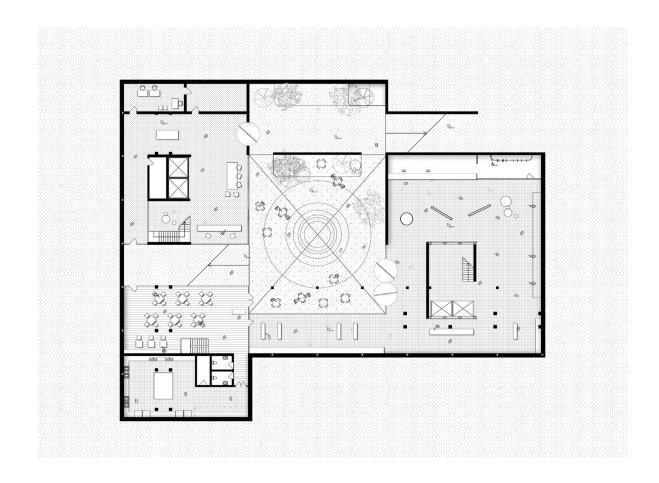
8 Hotel Guest Rooms 9 Gallery I 10 Gallery / Hall 11 Art Studio

12 Bar

13 Gallery II 14 Roof Cafe



First Floor Plan



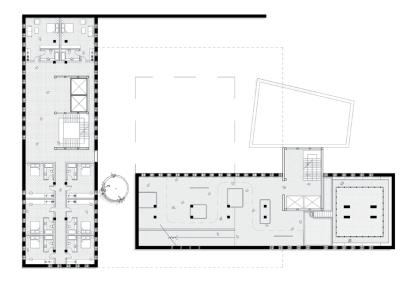
Basement Plan



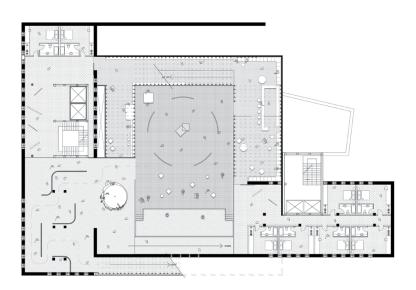
Perspectiv



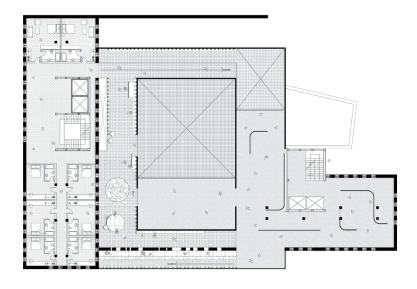
e Section



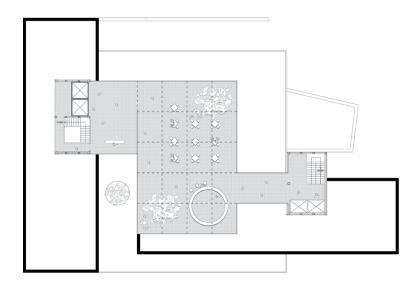
Second Floor Plan



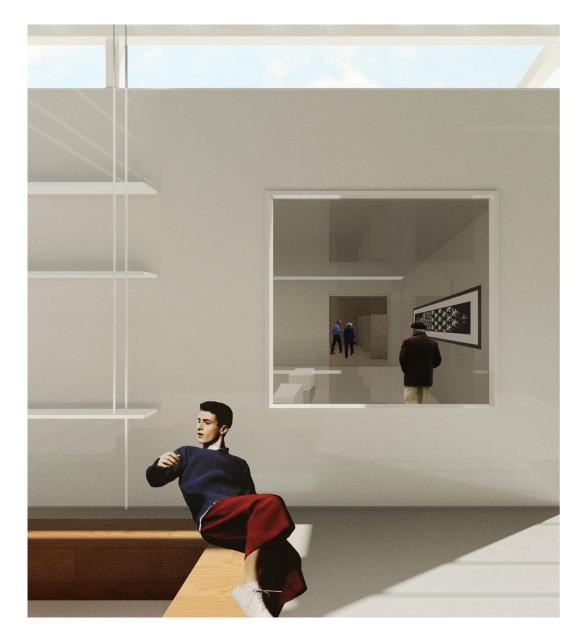
Third Floor Plan



Fourth Floor Plan



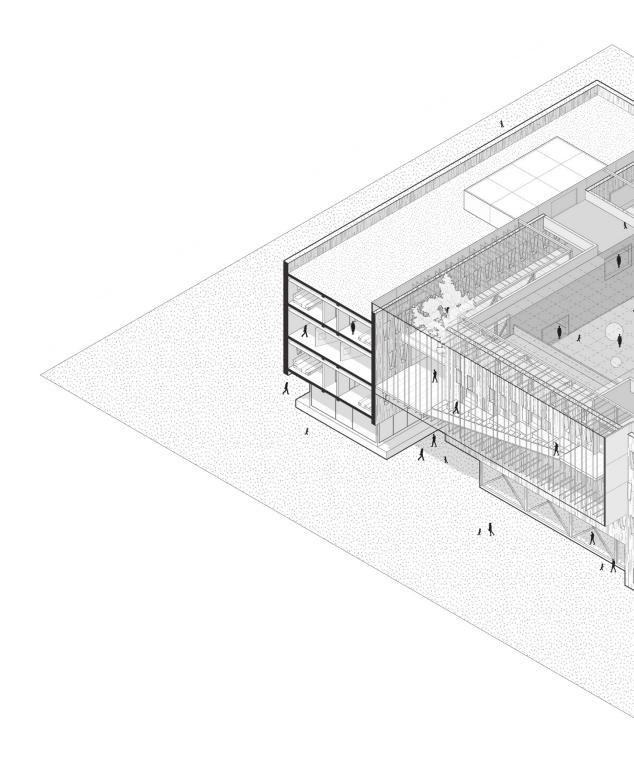
Roof Plan



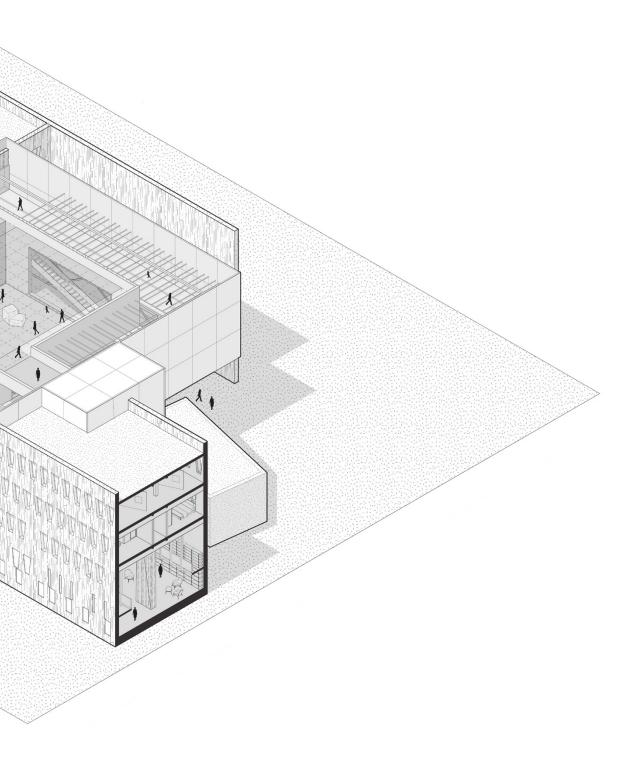








Axonome



tric Drawing

Spring 2020 Advanced Studio VI, GSAPP Critic: Liu Jing, Kevin Lamyuktse Cocalola





In late Modern city planning, street design was almost entirely driven by traffic planning parameters with moderate consideration for vegetation. Today, from the homeless population in LA's Skid Row and London's tunnels, to the surveillance system deployed via street cams in Beijing and Hong Kong, from google's much contested sidewalk lab pilot in Toronto, to the pink Pussyhats and the yellow vests, the street in the new millenia is nothing short of the new frontier of cultural expression, public discourse and technological transformation.

Thus in the streets around the world, along with the apparent as well as latent fault lines of social fabrics and technological apparatuses, profound fractures can be seen everywhere. Domesticity of the disenfranchised confronts civility; camouflage tactics evades state control; the under-represented parades in a rainbow of colors. The old discourse of street design rooted in managerial ethos is fundamentally insufficient. With critical urgency, a new discourse fueled by new polemics needs to be forged in the emergent void.





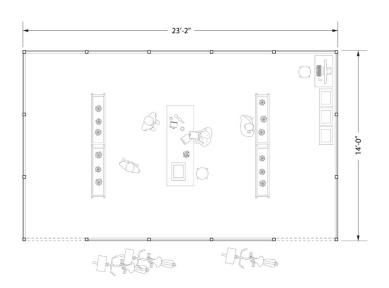
Precedent Conceptual Model

Precedent Study

Pollination, SO-IL, 2011

Pollination is a participatory 'rogue' city park for Chengdu, the capital of Sichuan Province in China, as part of the 2011 Chengdu Biennale. The installation consists of a lab, located at the Biennale ground where seed-bombs are produced, along with bicycles to carry them, and a live website to track their locations. Volunteer lab technicians create seed-bombs—compressed bundles of soil, seeds, fertilizer, and water. Participating residents then take a carton of these bombs on the designated bikes to a preferred spot in the city and throw them. The fertile mixture seeps into the cracks of the city and new plants find roots. The participants geo-tag the location by sending a text message or picture on their cellphone to a website that tracks the new distributed, participatory, and evolving park across the city.

Pollination provokes a discussion around the idea of the fertile ground in the context of Chengdu's urbanization. What does it mean to transform, rather than starting anew? How to anticipate public green space beyond government planning? Pollination provides an infrastructure for residents to participate in the creation of greenery for the city.

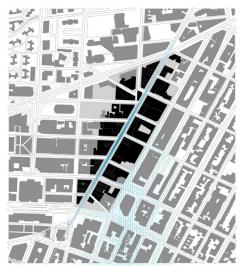


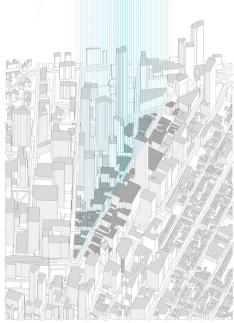
Installation Plan

Pre-midtern Research

Here on the islands of New York City, several high profile and high stakes public realm projects including the highline, Governor's Island, Brooklyn Bridge Park and the Hudson Yard were completed in the past decade, changing how New Yorkers relate to each other and the real-estate landscape tremendously. We will map the studio project onto Fulton Mall in downtown Brooklyn, where the site is steeped in history, which is rapidly disappearing amidst rising new developments triggered by upzoning. Is it too late to rescue its history? Is it possible to imagine a streetscape that flows like a river of time and brings together the past, present and future?

Inspired by Pollination, I envision that providing an infrastructure for people to participate in creating a growing streetscape in Fulton Mall will be the way out. By throwing seed-bombs in the crack of pavement, at the spaces between buildings, on the bared façade which is waiting for a new round of renovation and on the upper floors of many stores whose windows are boardedup, people make Fulton Mall more vibrant and occupy the street in a more meaningful way. Those forgotten corners are always the last space developers think about and we could reverse that, looking at what we need and how we could achieve it by using them. The street can not continue to be just about economic growth, but to be about people's willingness and wellbeing. Once throwing your own seeds or buds at the street, you are no longer just a consumer here, but also a designer, a builder, a producer and an owner in Fulton Mall.





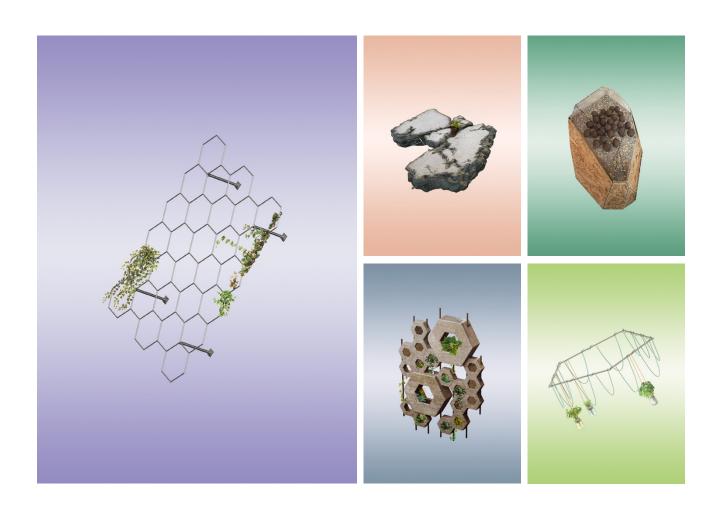
9 blocks of Fulton Mall



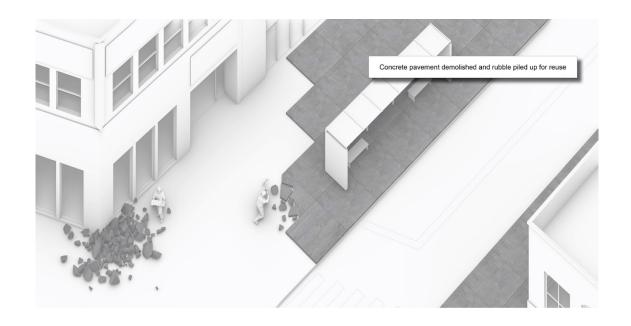
plant characteristic research

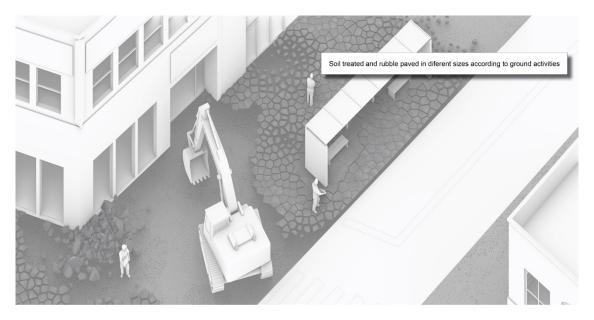


urban elements on Fulton Street



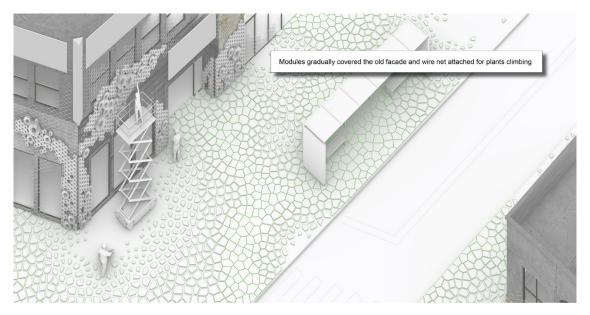
Plantable Modules



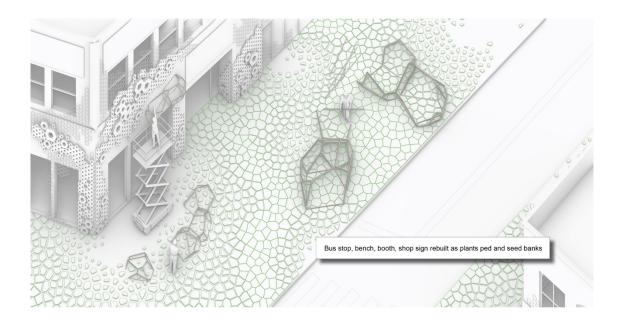


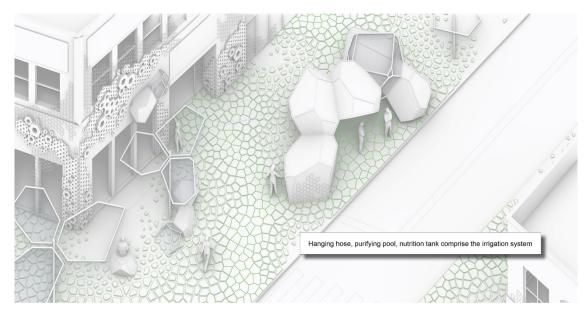
Construction Process I



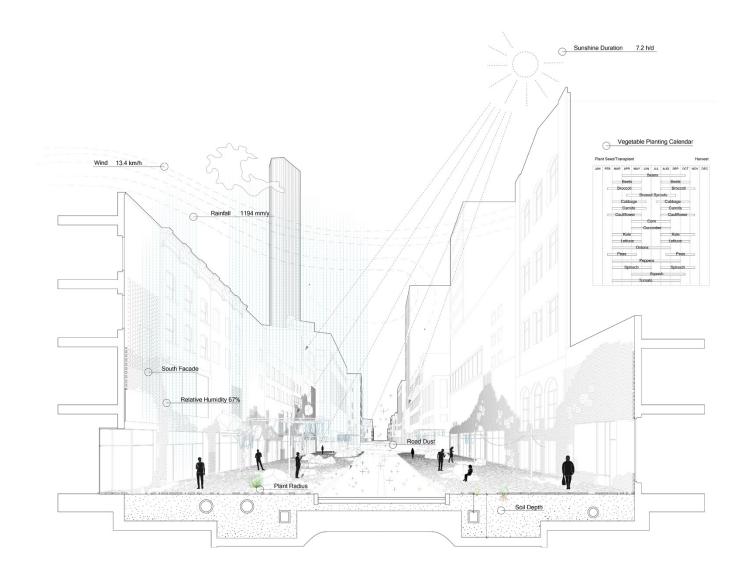


Construction Process II

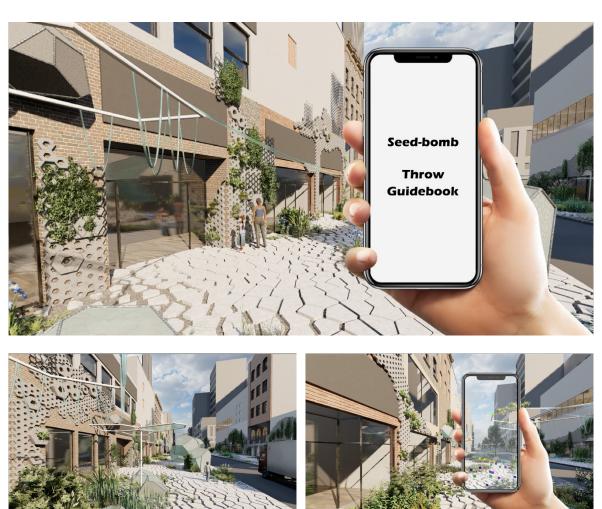




Construction Process III



Conceptual Drawing







AR Guidebook System

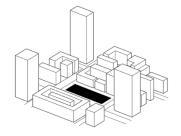


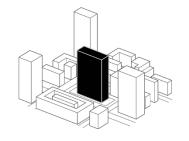


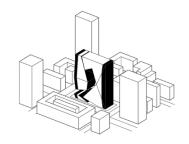


The project is located in Future Sci-Tech City, Hangzhou. This district is an important incubator for many large IT companies in China, among which the the most famous one is Taobao, Alibaba. The Future Sci-Tech City covers an area of 113 square miles with dense office buildings. Tens of thousands of employees are working here and more than half of them are programmers.

According to the report: China Programmer Research 2018, the programmers in Hangzhou need to work for 49 hours weekly in average. Many of them spend more time in their office than at home. In addition, a report from CBRE in 2015 shows that the work environment is more and more crowded in the big city of China: the working space for one employee is only 50 square foot in average. The lack of meeting rooms and rest areas is one reason to force employees keep staying in their own working seat. Both the long working hours and the crowded office space make people ask for a "crack" in daily tedious life, through which they can snatch a little leisure from a busy life.



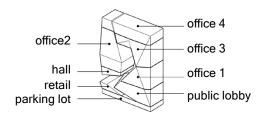




Site 2500

Volume & Height: 30000m², 96m

Massing Development





Program

Circulation



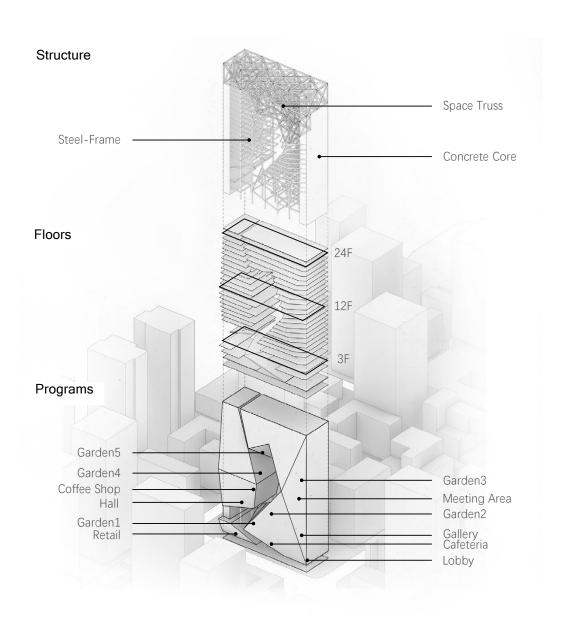


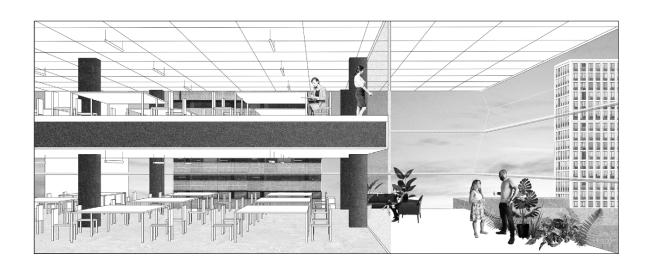


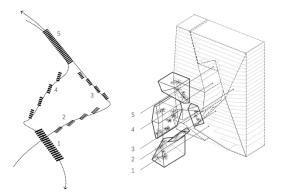
South Elevation

North Elevation

West Elevation







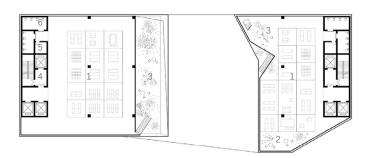
The strategy to trigger social contact is to set those around the Crack:

The view of vegetation helps to create an active and intimate environment. People in different offices make use of informal connections in these five gardens to get to various public program, increasing the chance to make new acquaintance in the same building.



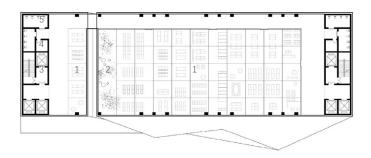
3rd floor plan

- gallery
 video screen
 lobby
- 4. cafe
- 5. garden
- 6. fire front room
- 7. equipment room
- 8. restroom



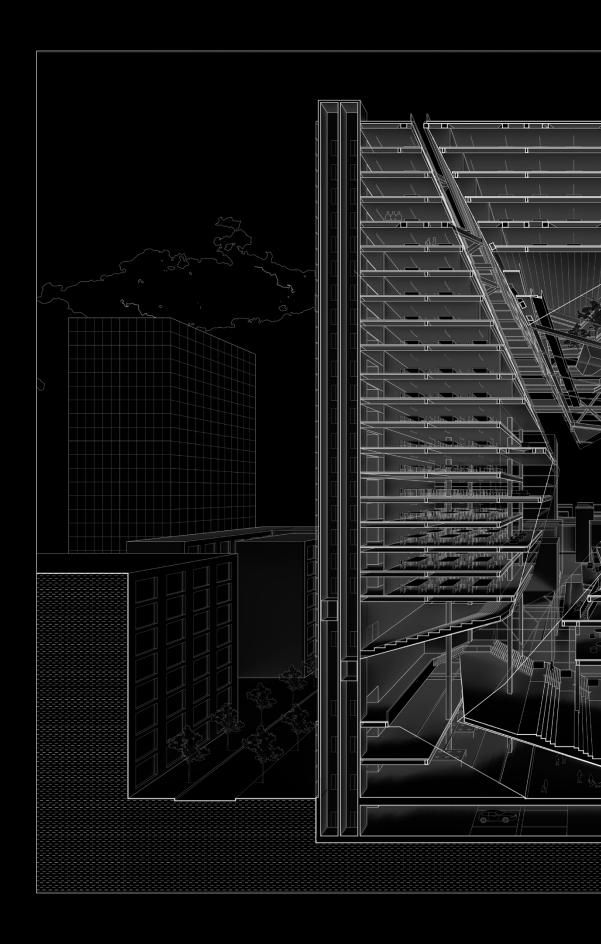
12th floor plan

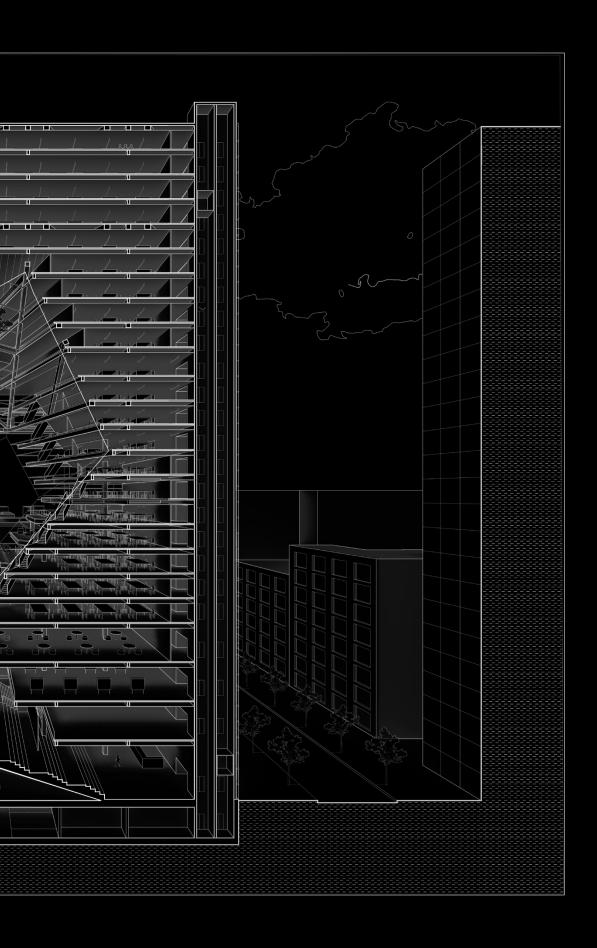
- 1. office
- meeting area
 garden
- 4. fire front room
- 5. equipment room6. restroom

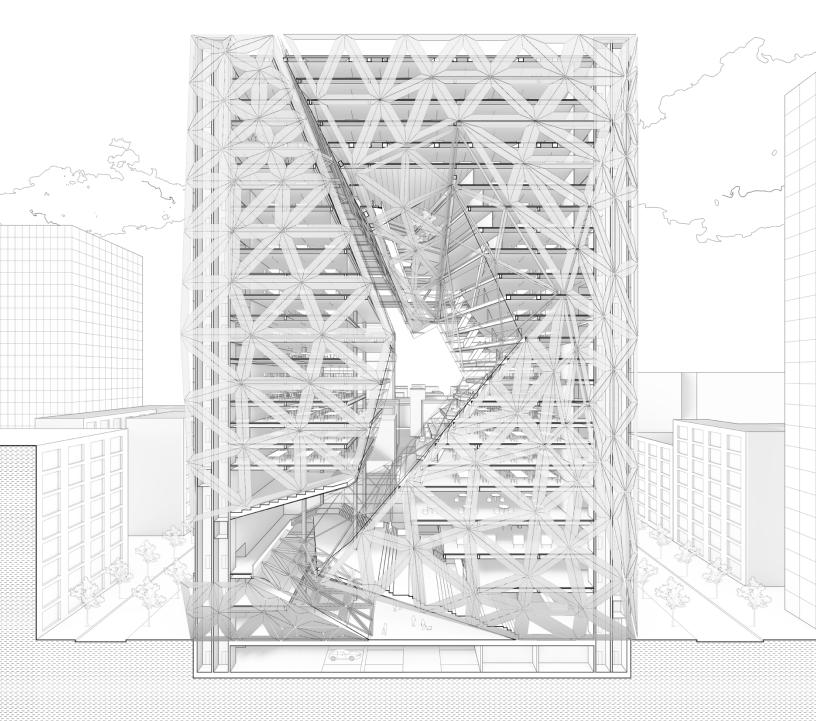


20th floor plan

- 1. office 2. garden
- 3. fire front room
- 4. equipment room
- 5. restroom

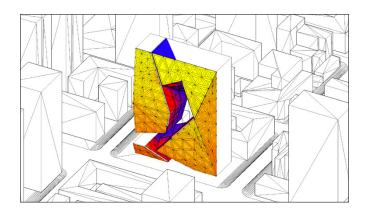




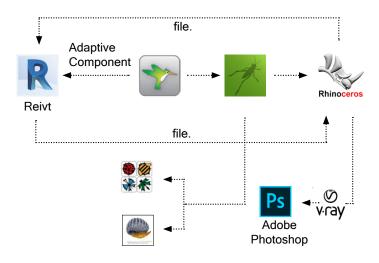


The original high-rise building is totally exposed under sunlight with a clear galss skin especially its main facade facing south. In order to avoid too much solar radiation all year round, we design this exterior skin for the main facade.

The new skin is composed with 328 triangle metal panels each having opennings in different size and the size of the openning is set according to the annual sunlight hours.



Work Flow



Demo Video: www.youtube.com/watch?v=ooix-seKbNI

