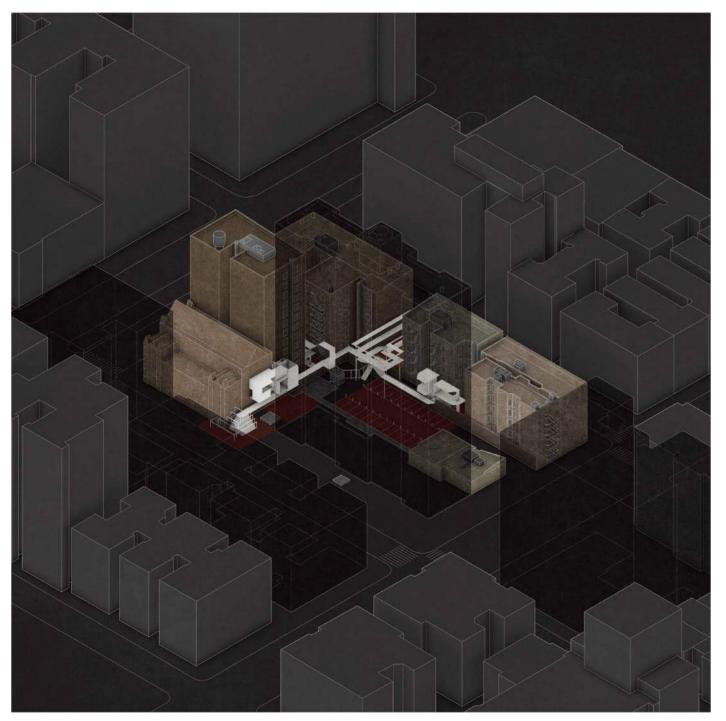
# YANG LU'S PORTFOLIO

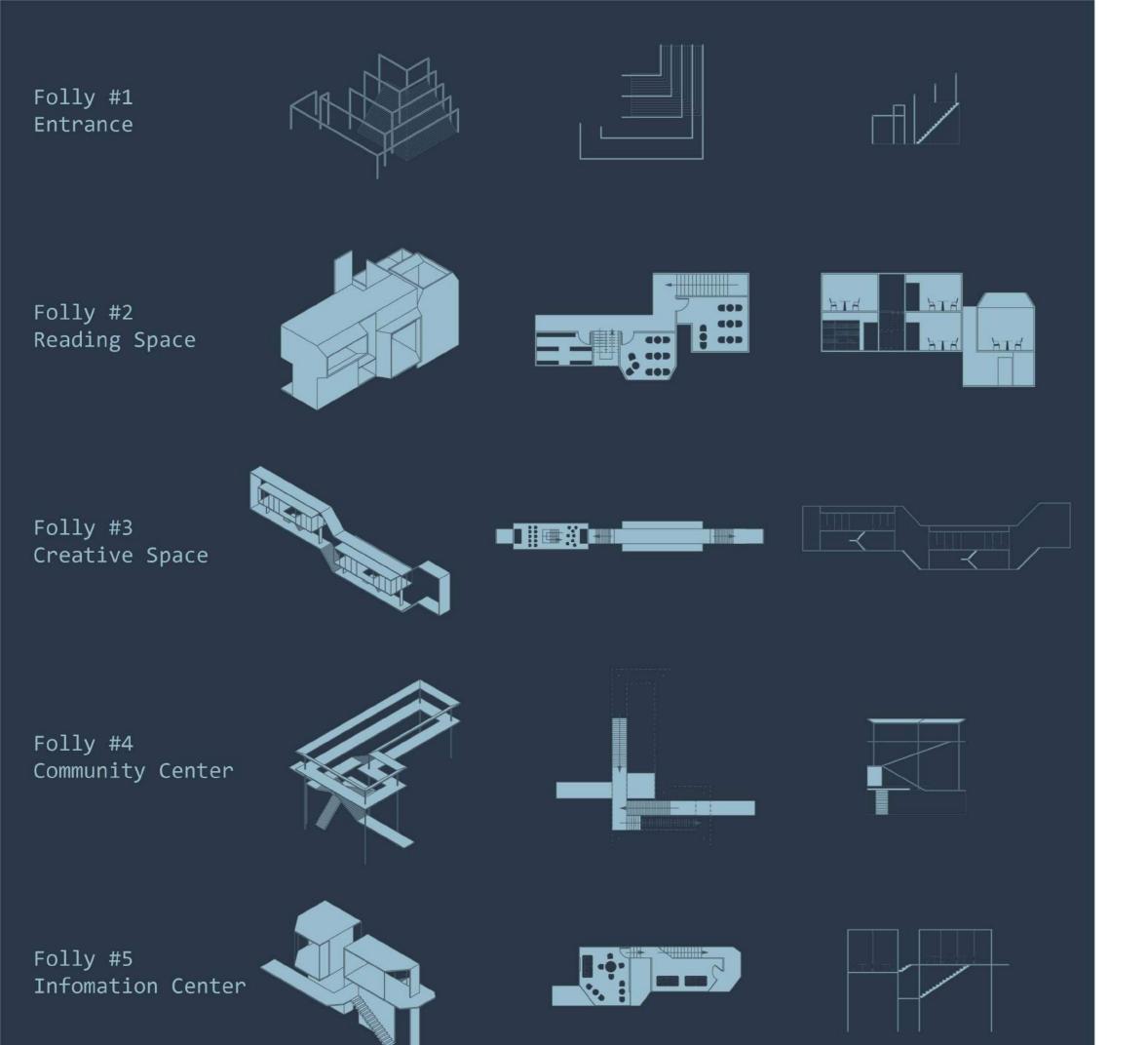
COLUMBIA UNIVERSITY, GSAPP

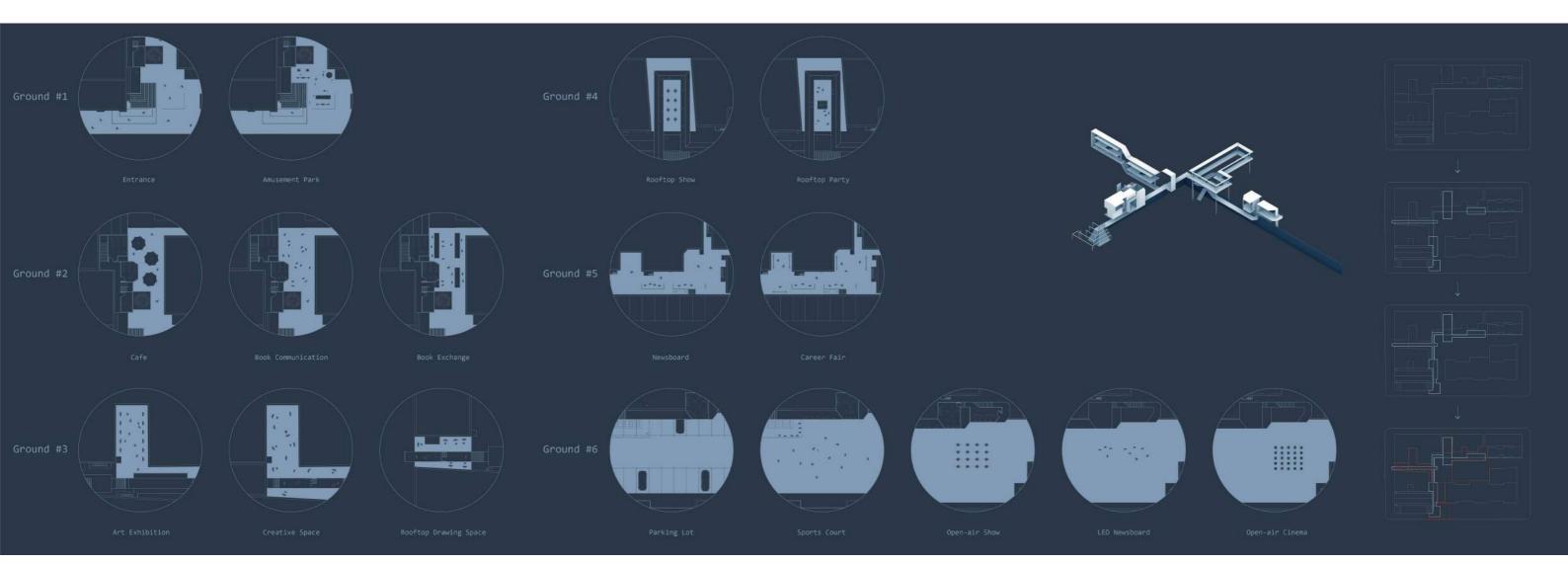






Axon Section



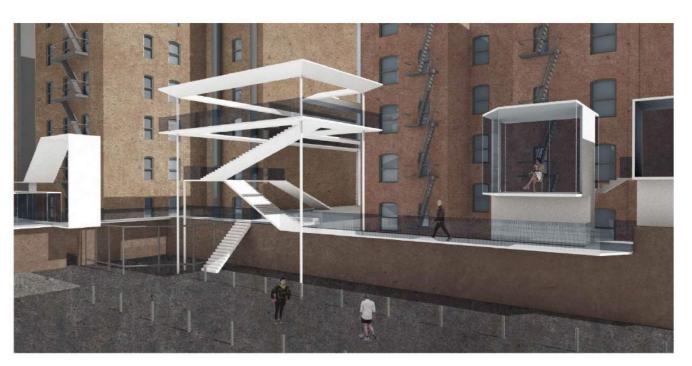


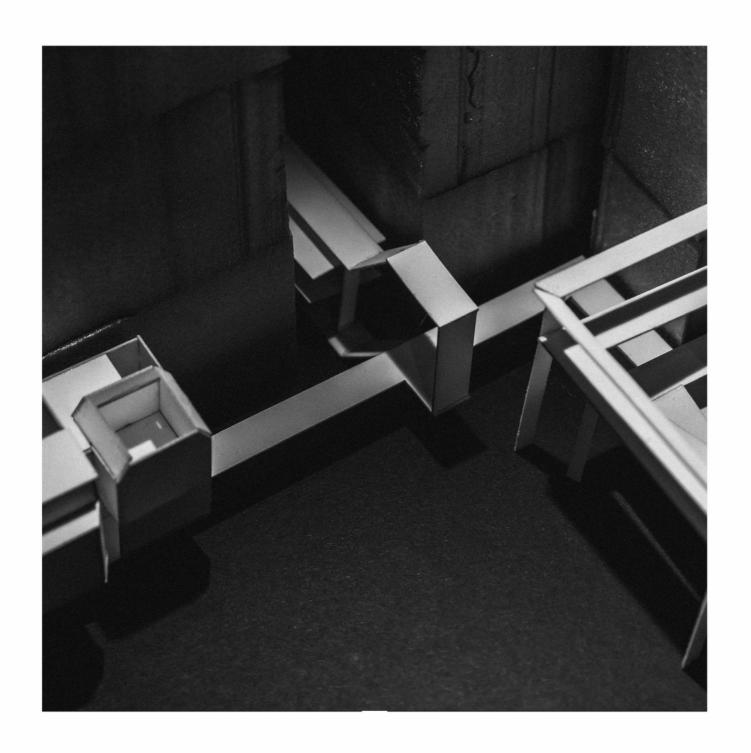
Grounds Activated by Follies



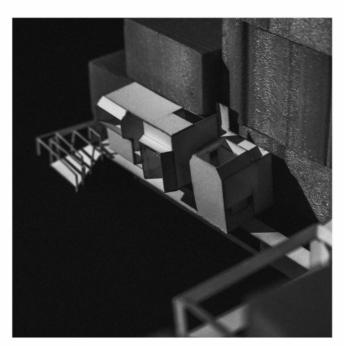




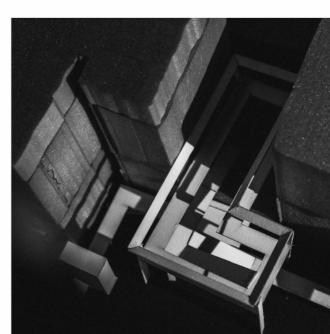






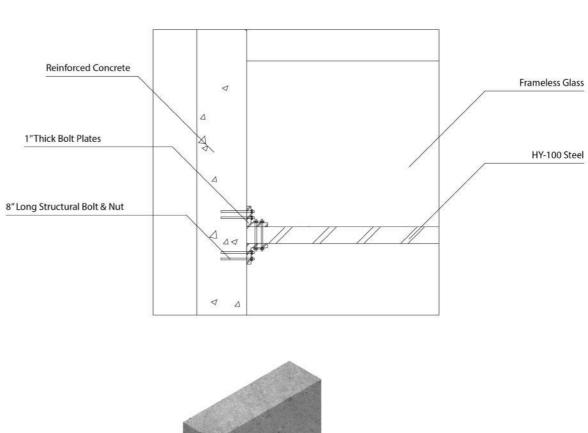


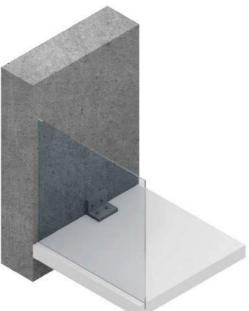




Physical Model







1:1 Construction 1:1 Construction Detail

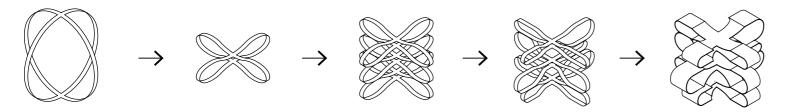
# Project 2: Dilation-Contraction A Continuous and Open School

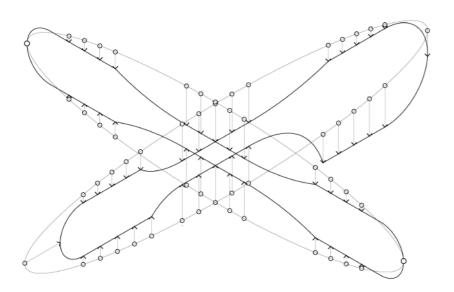
Core II, Spring 2020 Individual Work

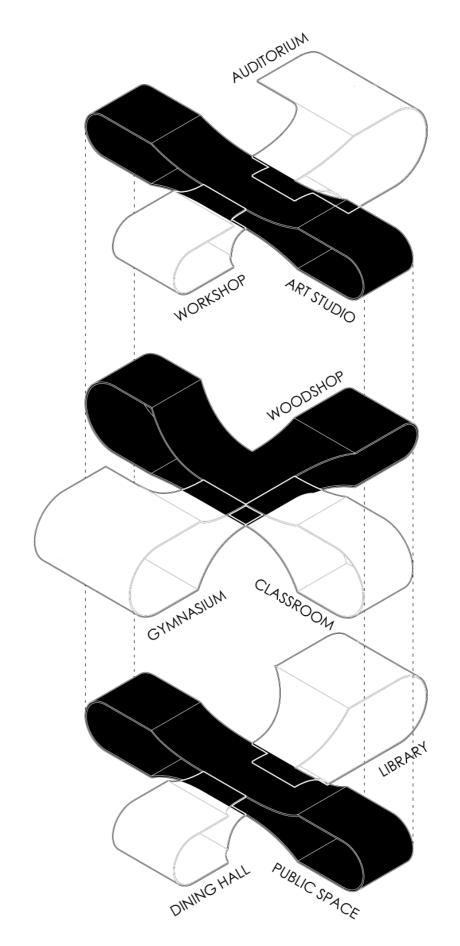
Instructor: Karla Rothstein

The project begins with the concept of dilation and contraction. Continuous loops are modified to create spaces of differing qualities and behaviors. A continuous and open structure is inserted at the center and connects to the existing building creating an open space experience for the whole project. The open negative space created between the loops provides large areas for children's outdoor activities. The facade of the project enlivens the local streetscape, inviting the public to engage with the life of the school.

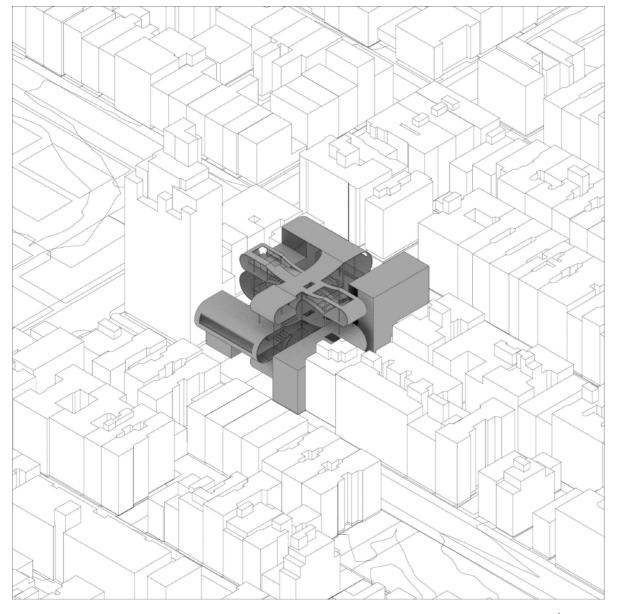
#### Concept Development

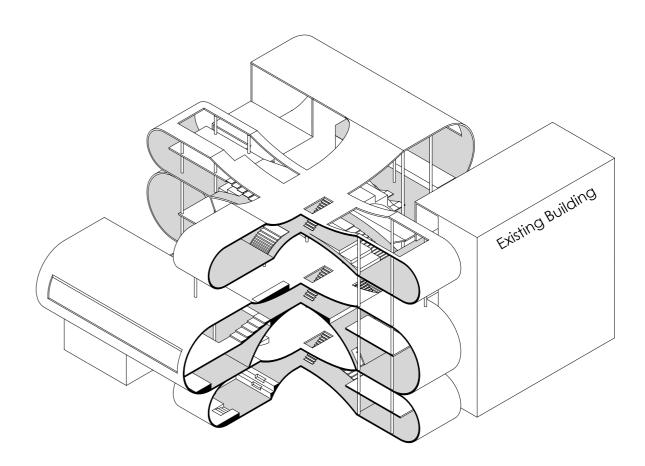




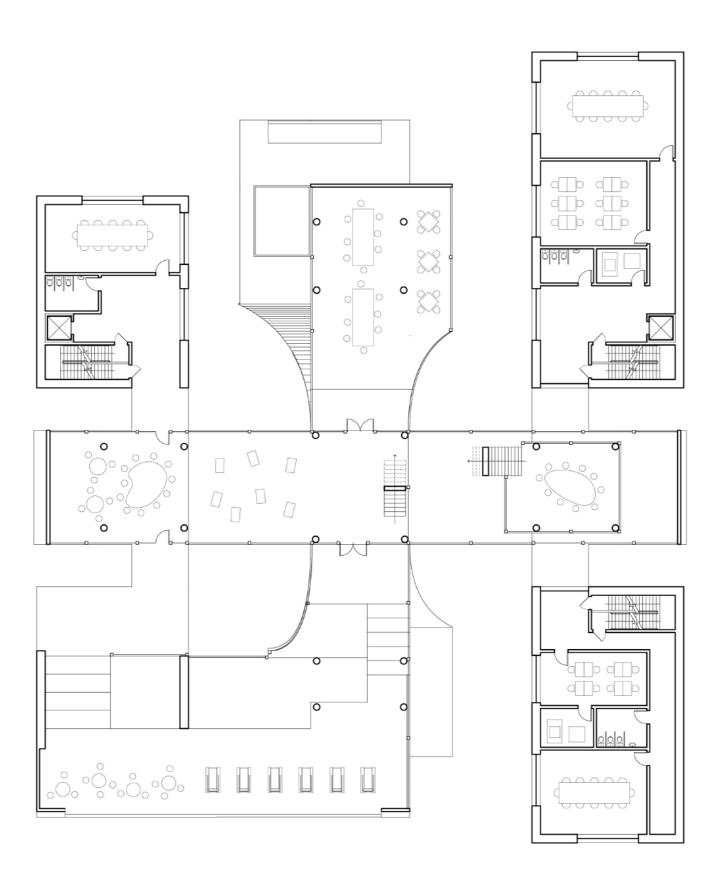


Concept of Dilation-Contraction Program

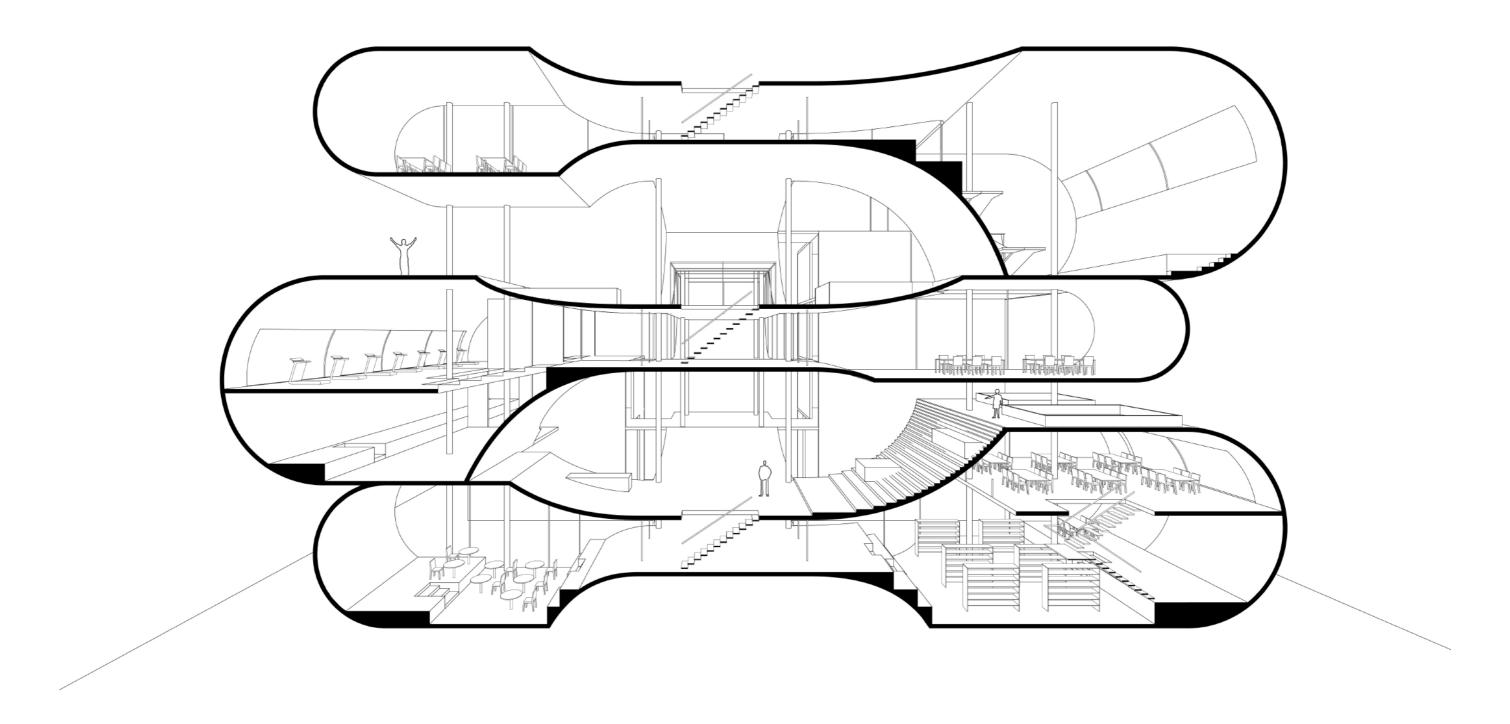




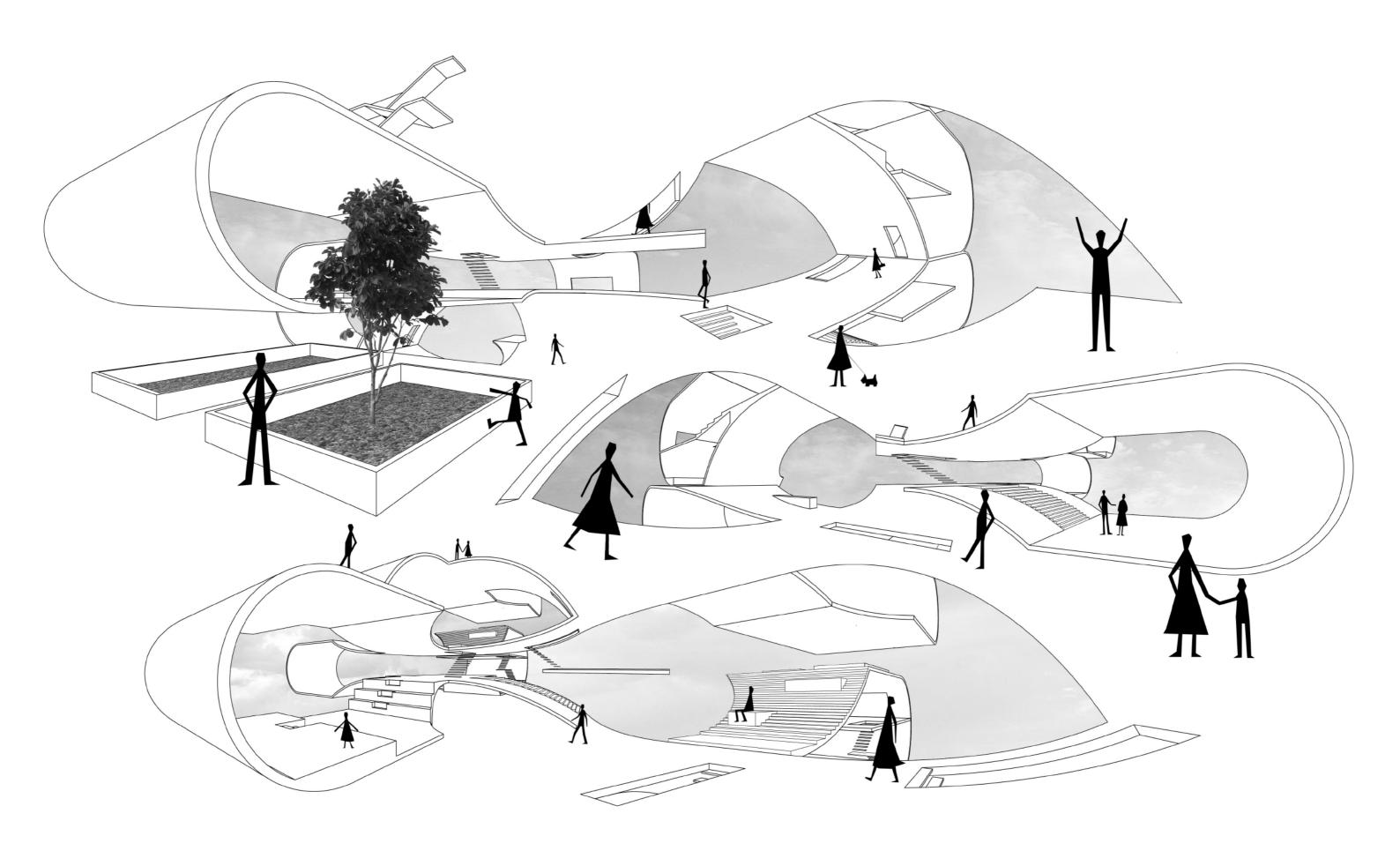
Axon Cutaway



Plan



Section Perspective

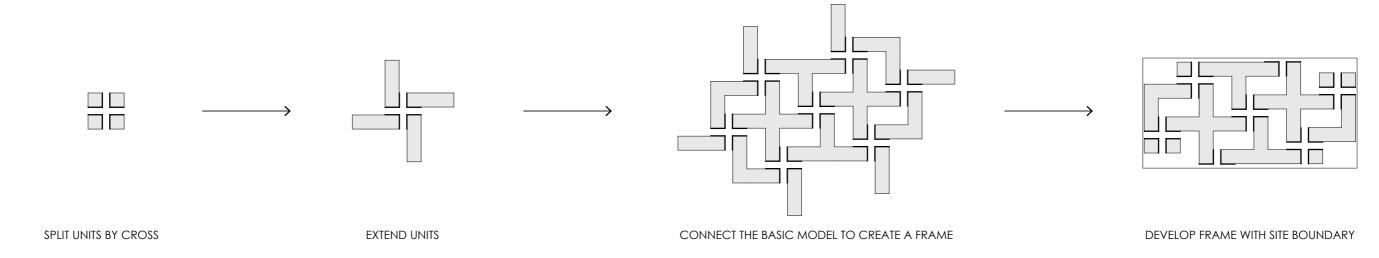


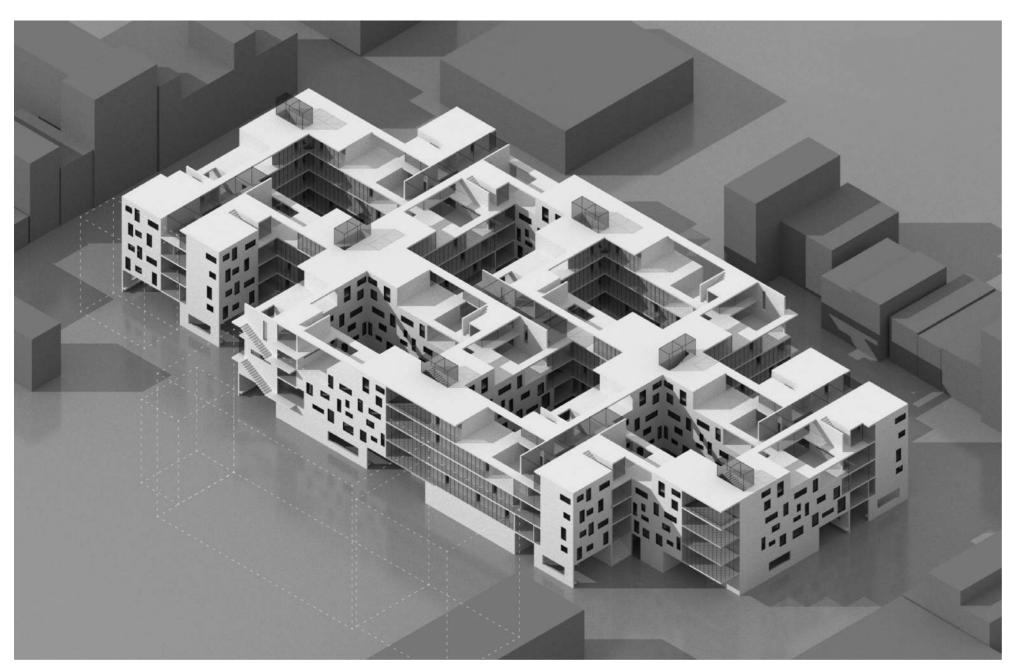














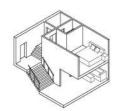
Axon

Courtyards

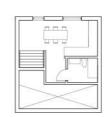
### **Unit Types**

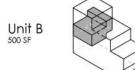










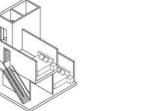








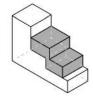


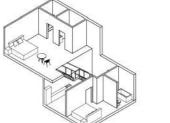










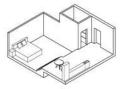






Unit E









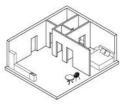


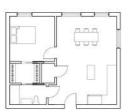












### Circulation Types















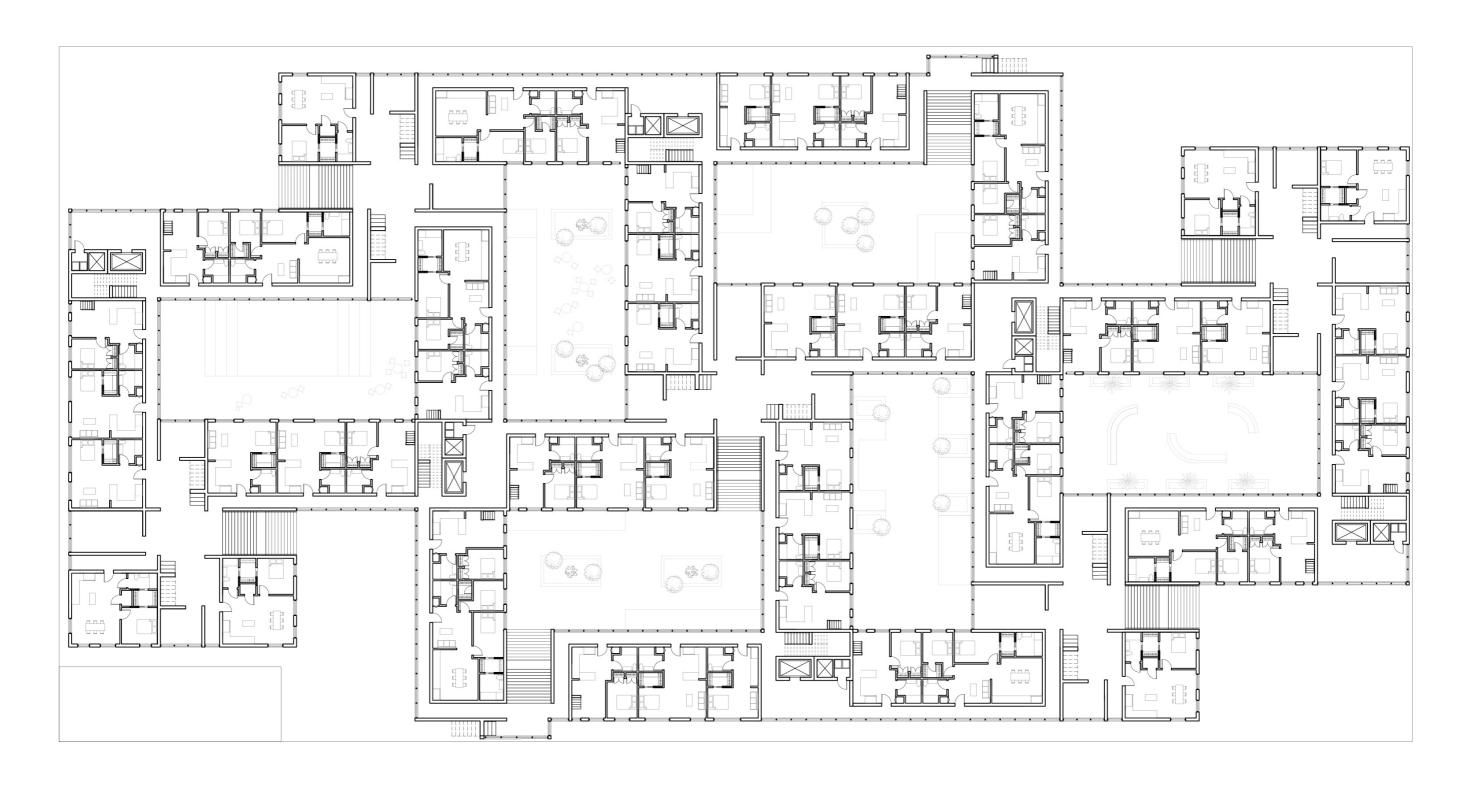


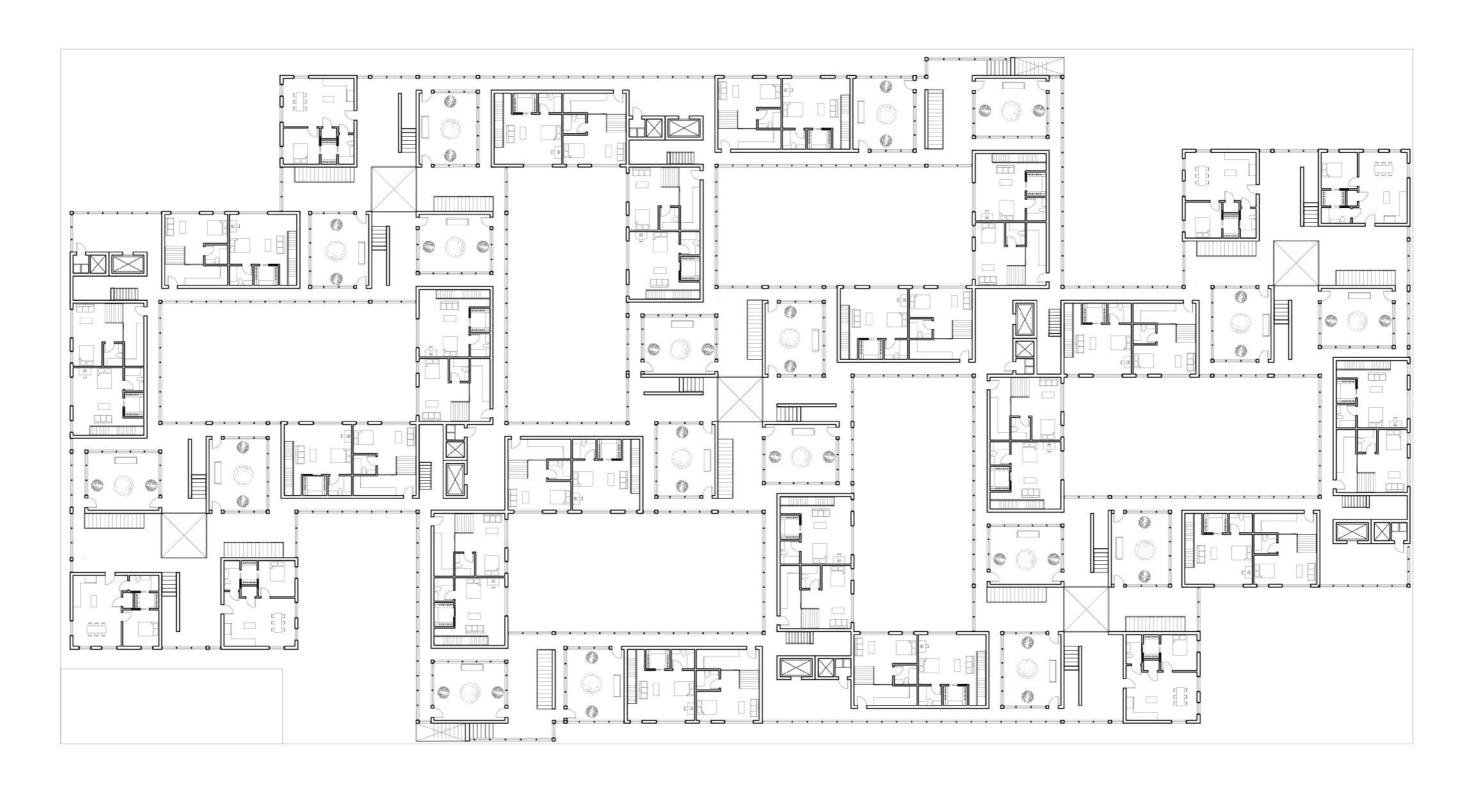




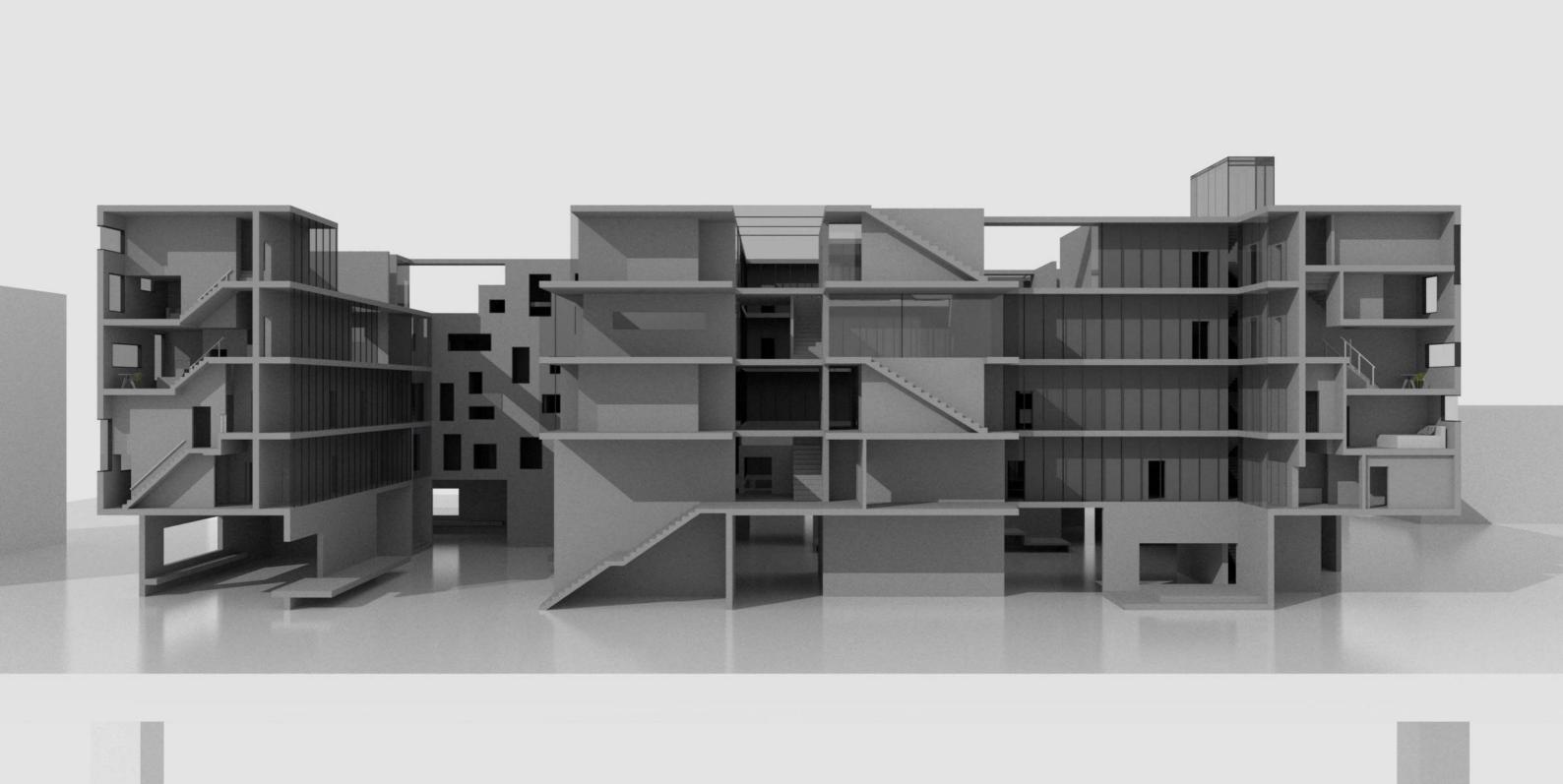




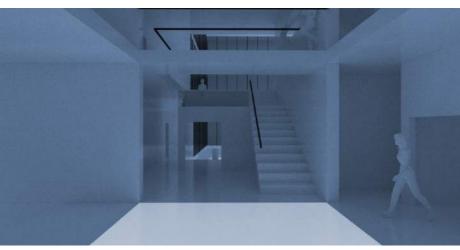




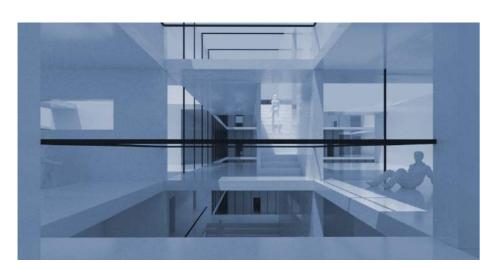




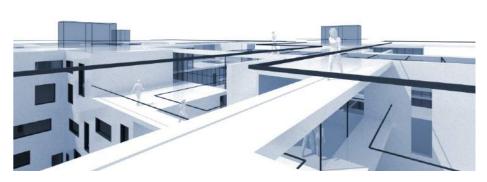








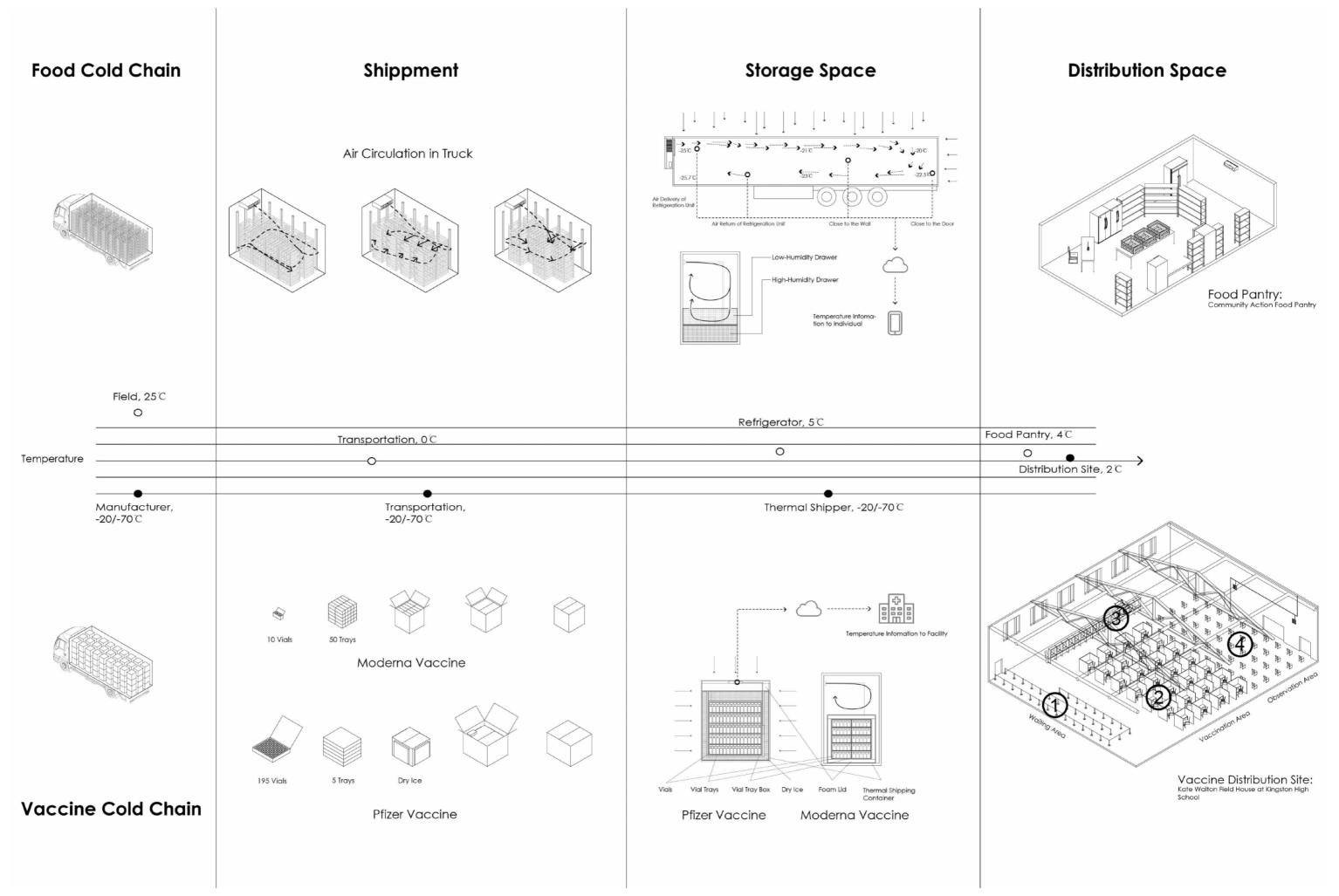


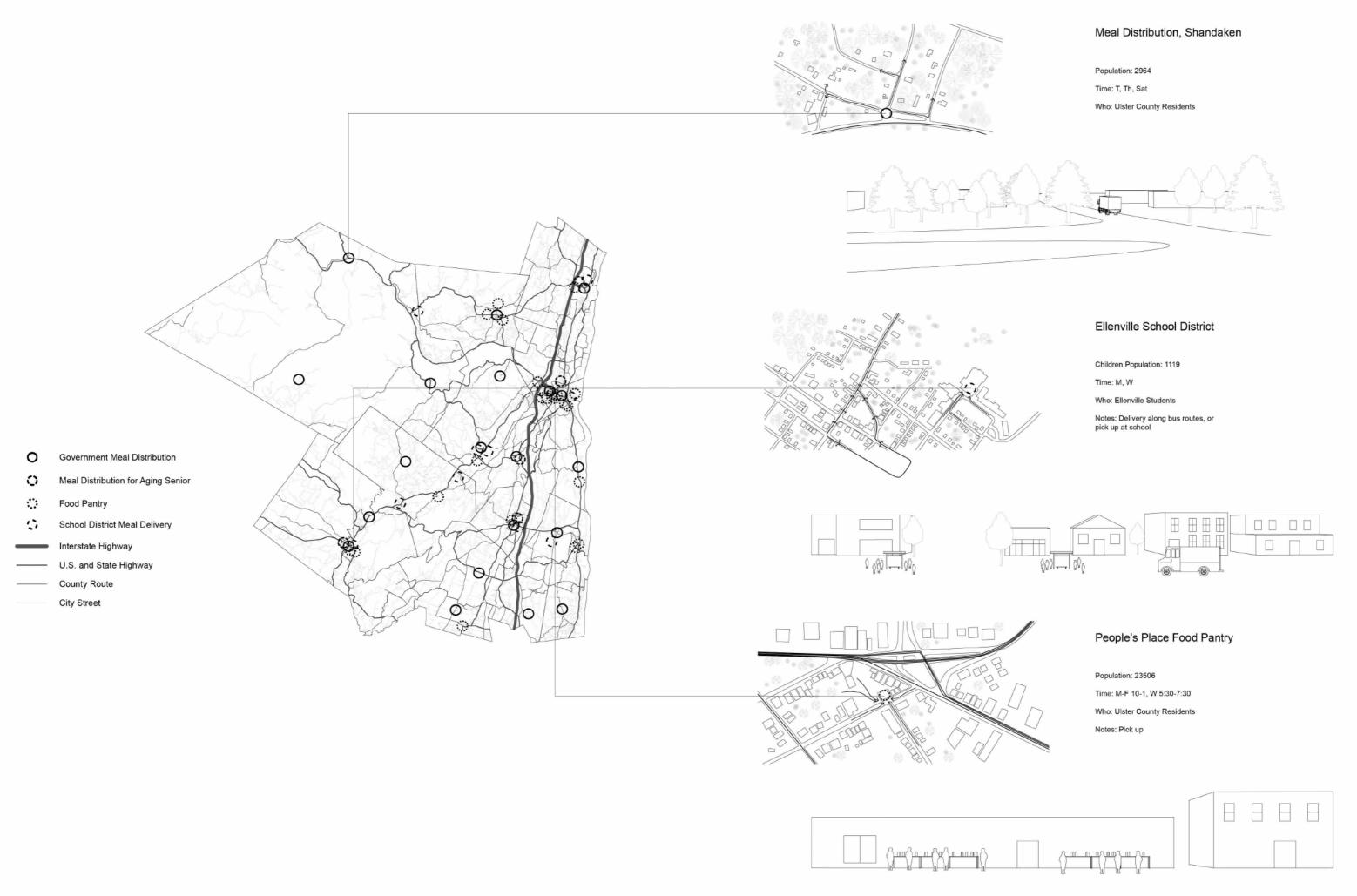


## Project 4: Long Box and Artificial Landscape Vaccination Center and Film Center

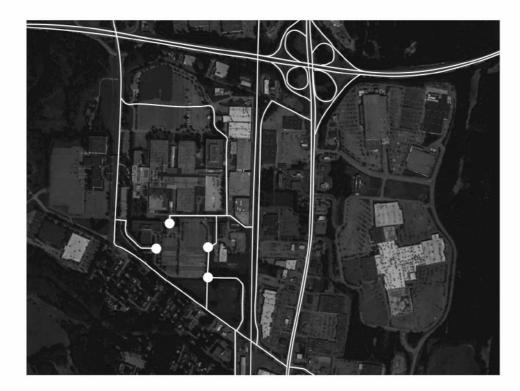
Advanced IV, Spring 2021 Individual Work Instructor: Phu Hoang

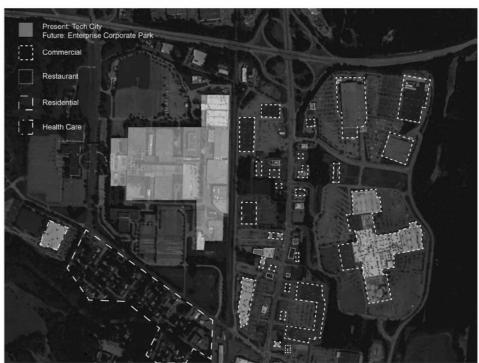






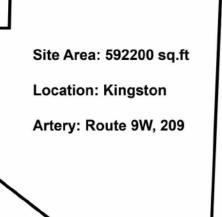






Vehicle Circulation

Program

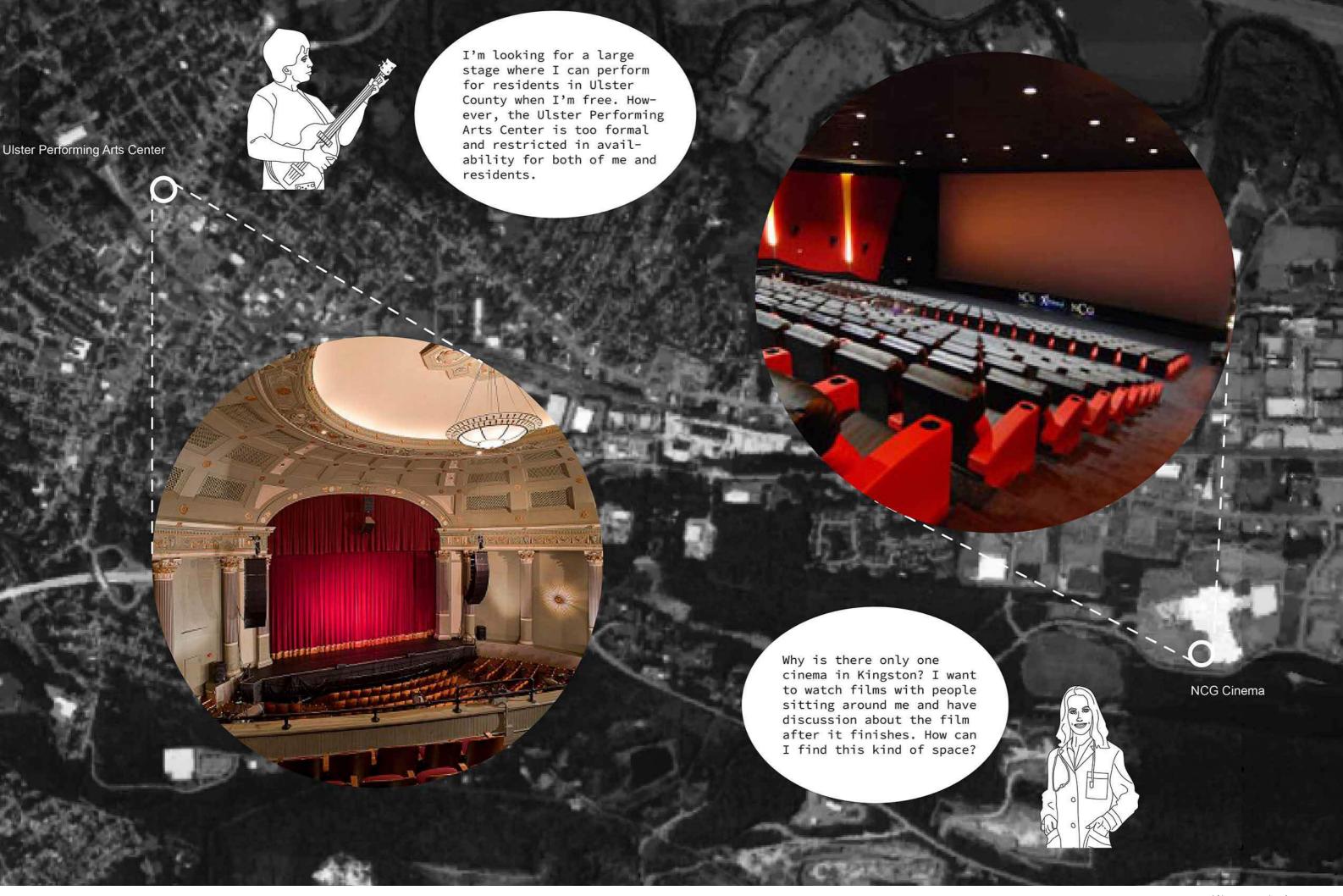


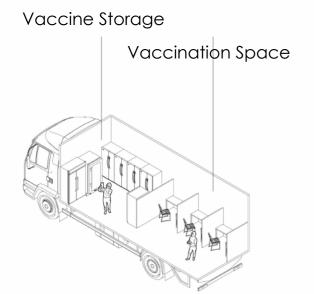


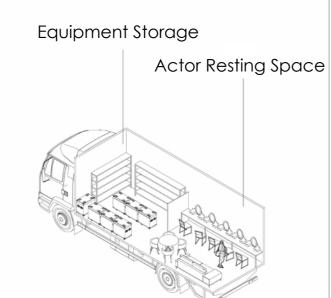


Concentration

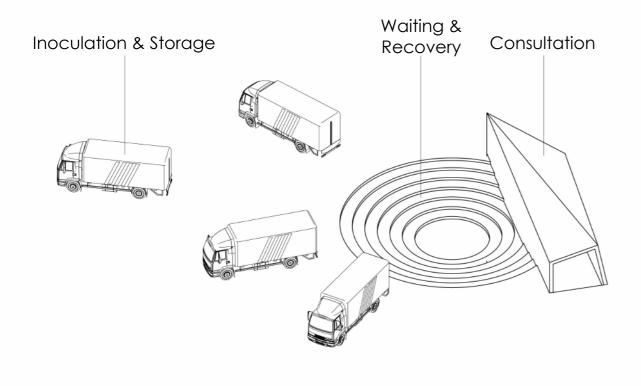
Public Transportation



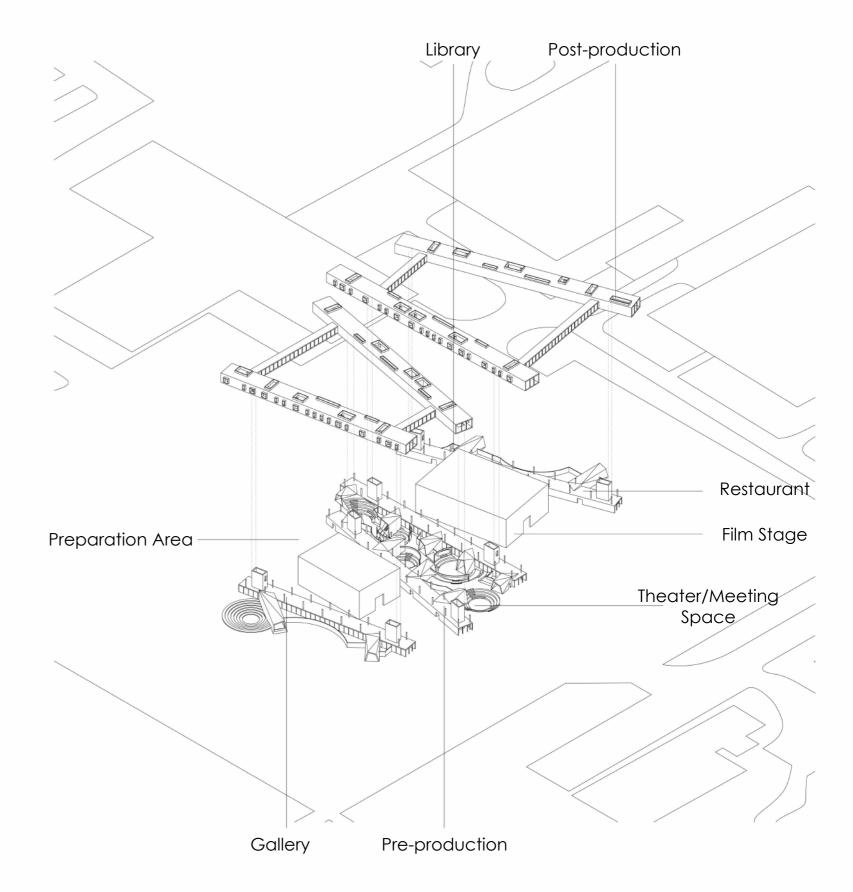




#### Program



Vaccination Center



Film Center



1. Shot: outdoor/indoor, still/pan & zoom

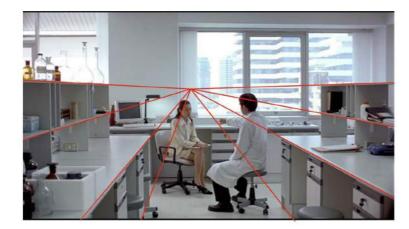


Zoom Shot

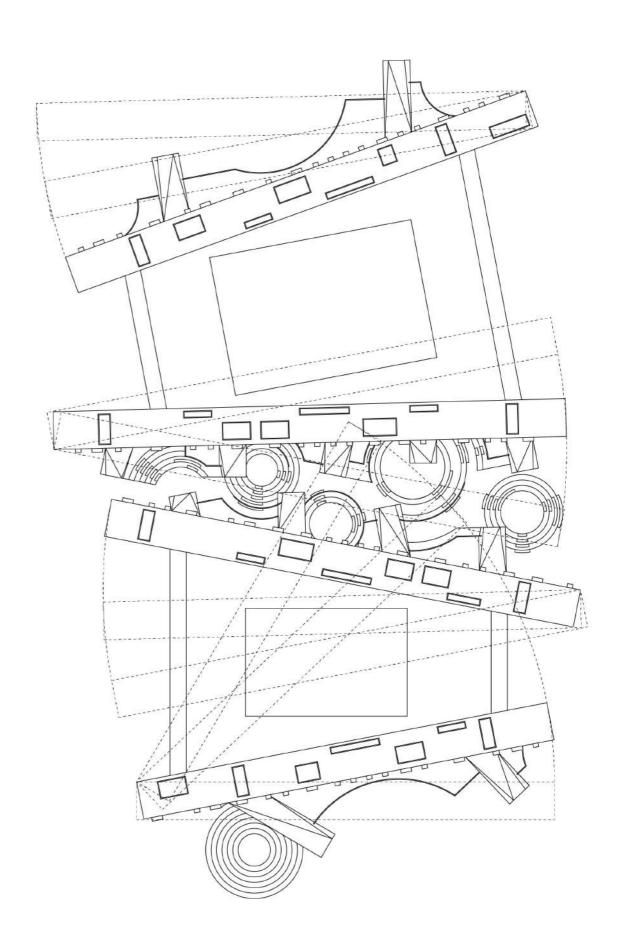
2. Perspective: rural/urban, ourdoor/indoor, scattered perspective/focus perspective

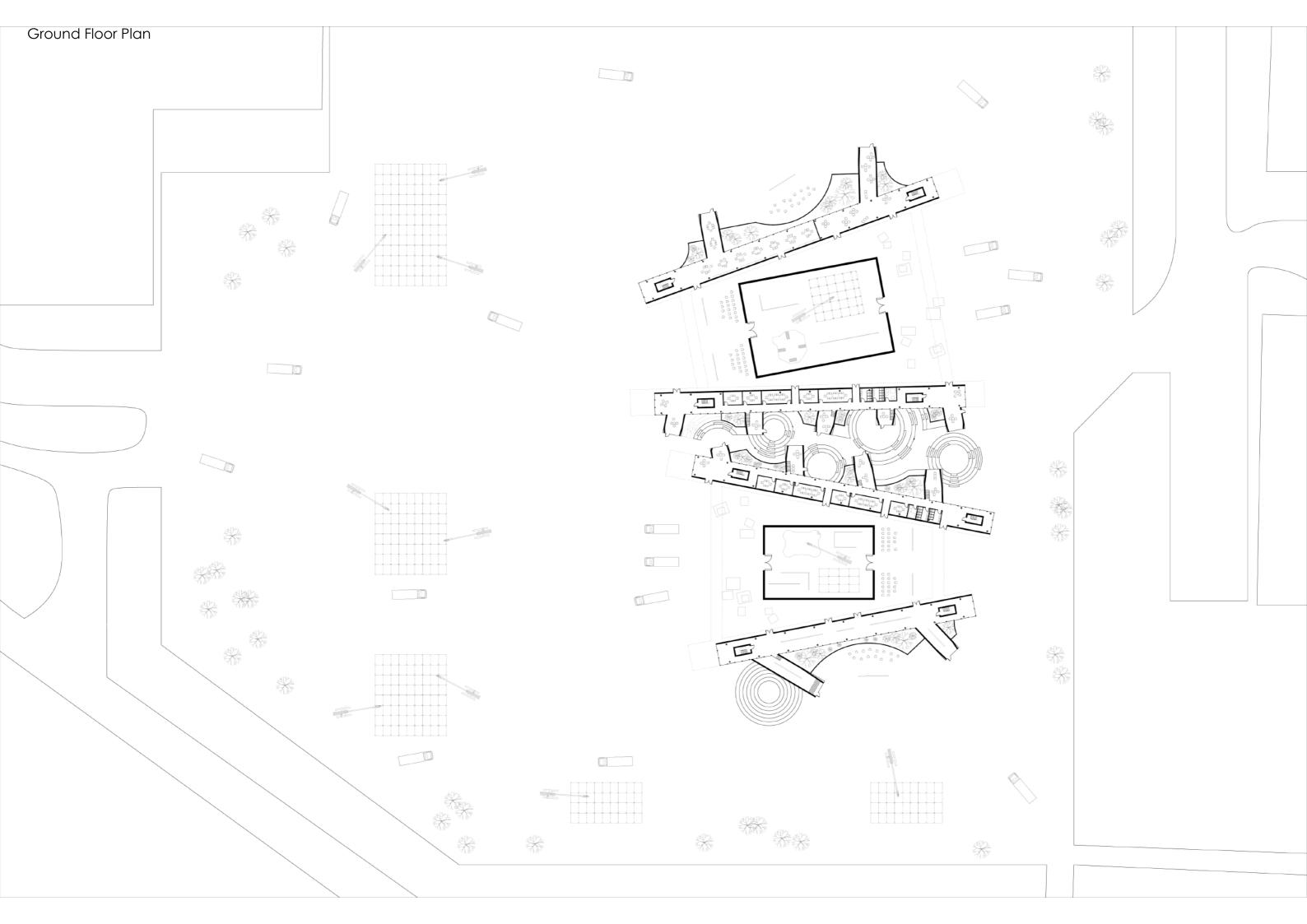


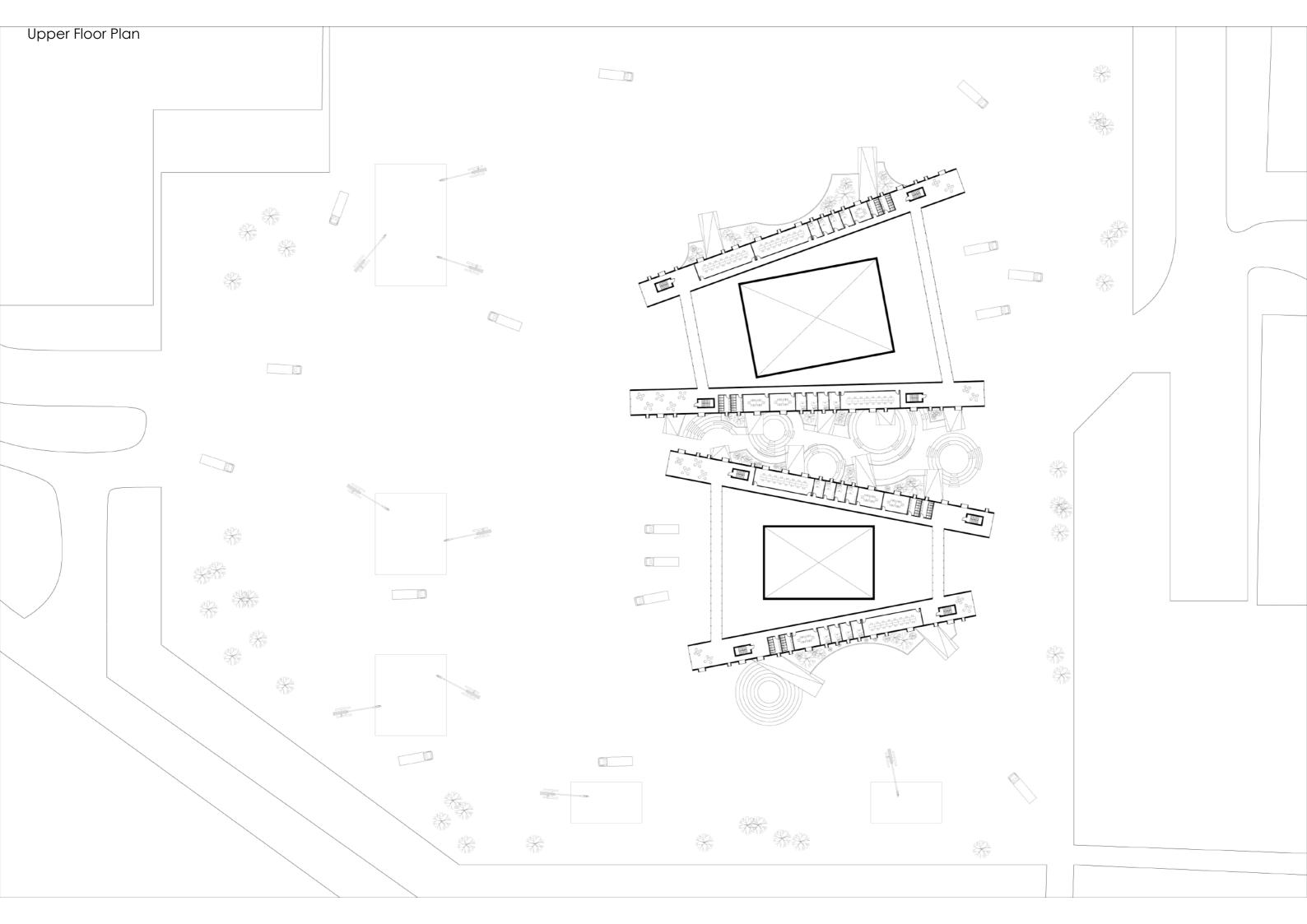
Rural Part

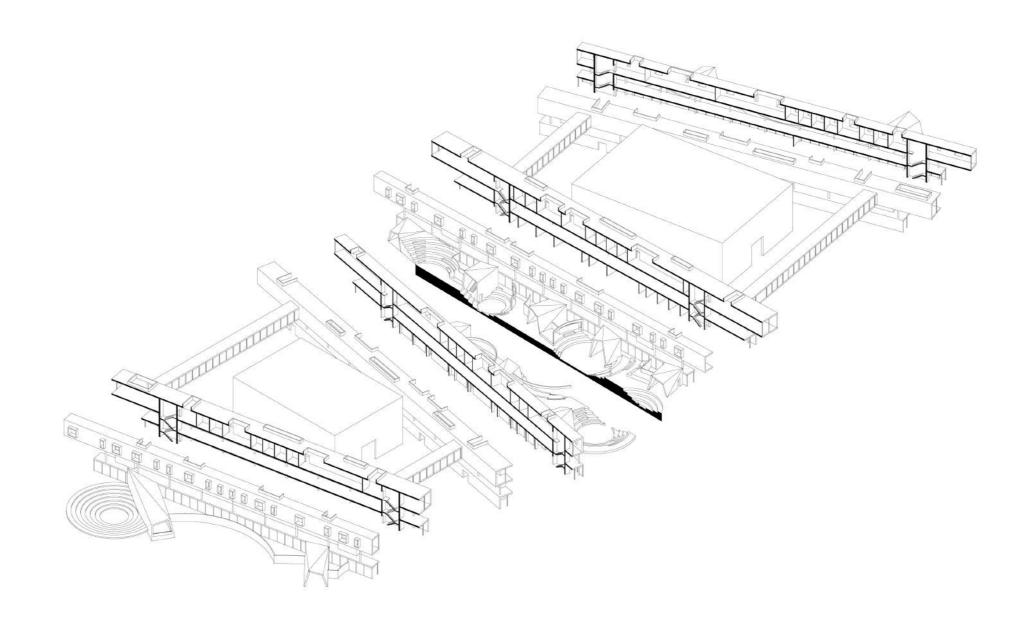


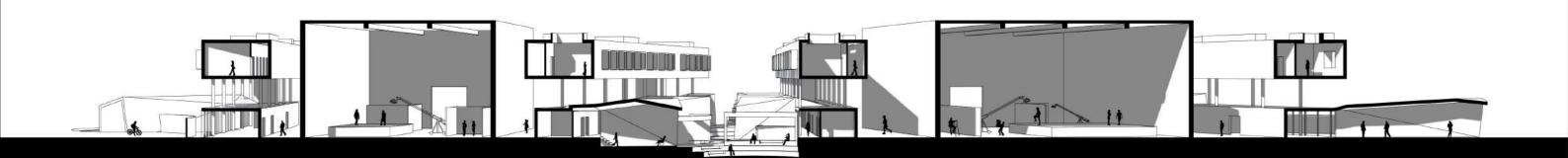
Urban Part













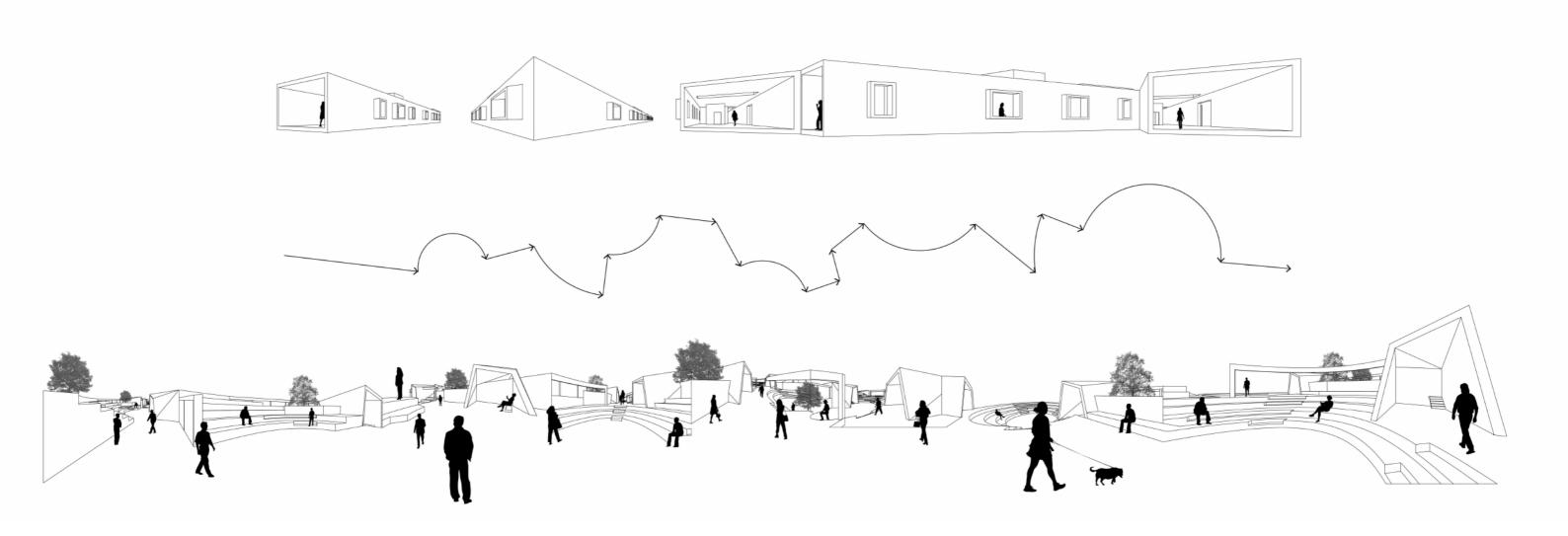




Vaccination Center and Vaccination Bus



Film Center



## Project 5: Luffa House Lever House Intervention

Advanced V, Fall 2021 Collaborators: Bingyu Xia, Xumin Chen Instructor: Andres Jaque

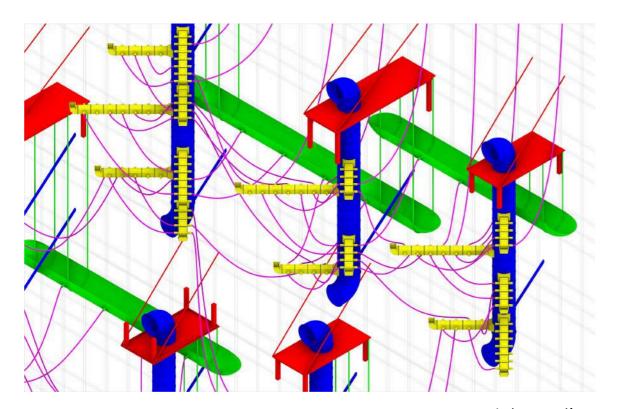
The project is an intervention of Lever House, and tries to resist the cleanliness concept of the company and the plastification of its detergent products. Existing materials of the building's interior are used to create a space at the facade of the building for luffa to grow. Luffa gradually intrudes the interior and influences people's lives in the building.



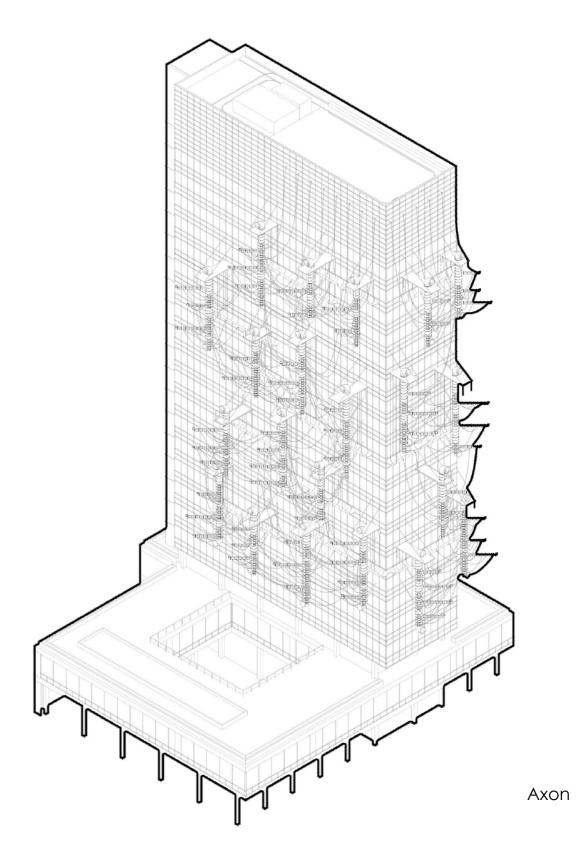


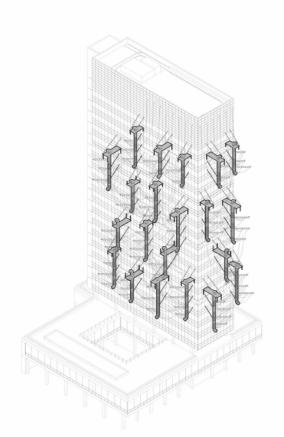


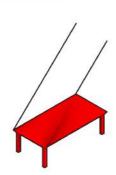
Existing Materials of the Building's Interior



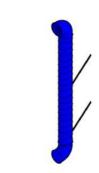
Intervention



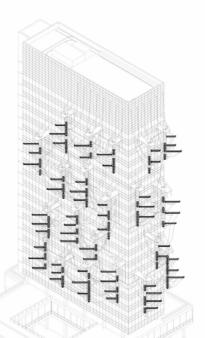




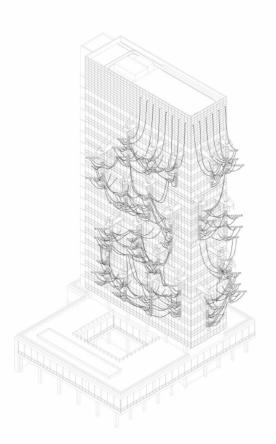
Desk: Hanging System



HVAC Duct 1: Soil Compost

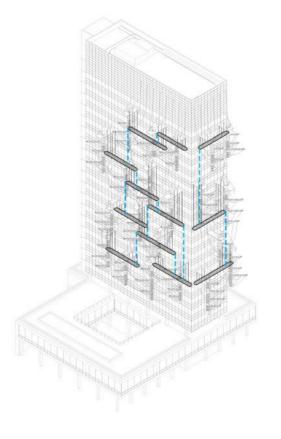


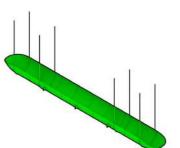
HVAC Duct 2: Plant Container



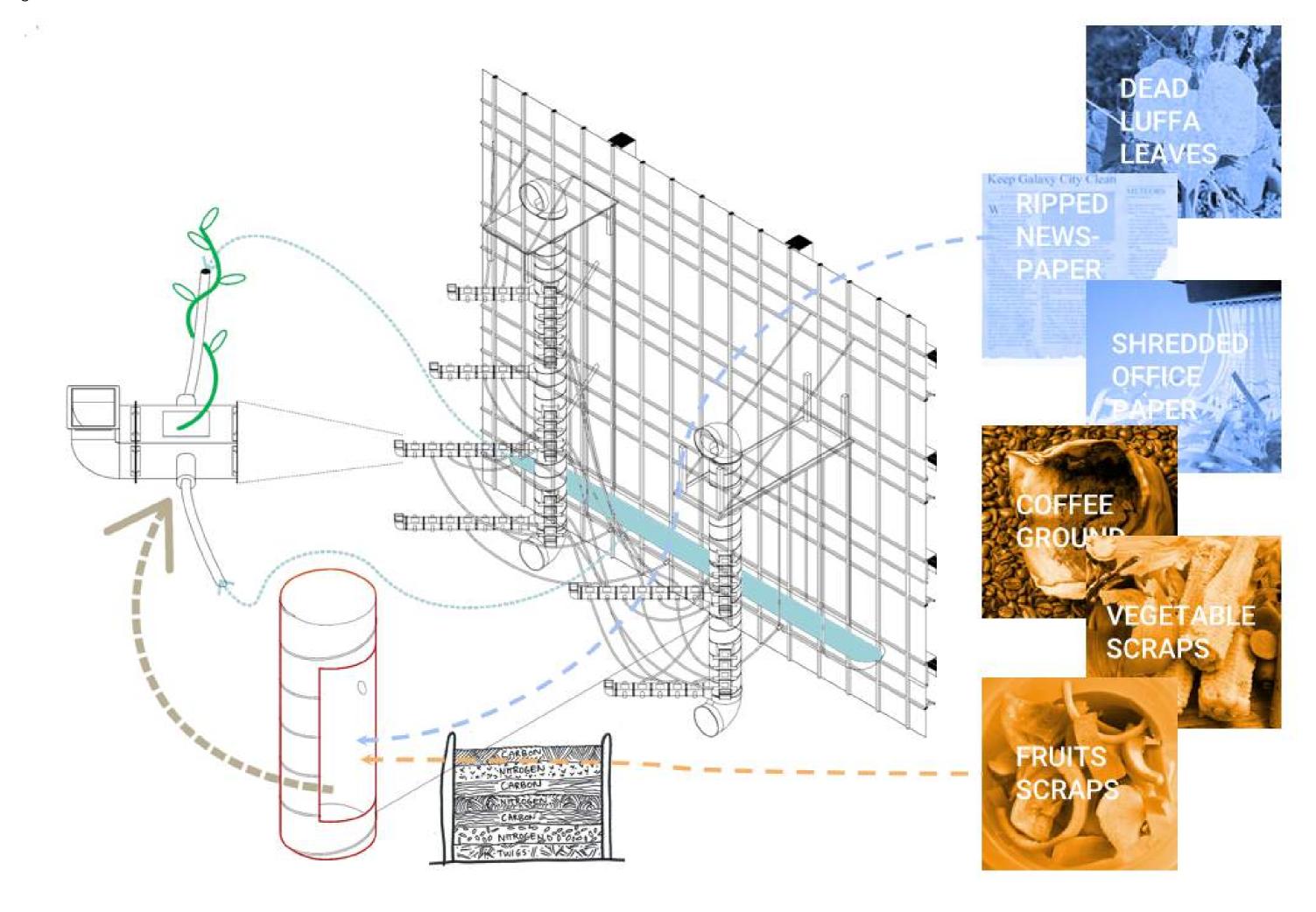


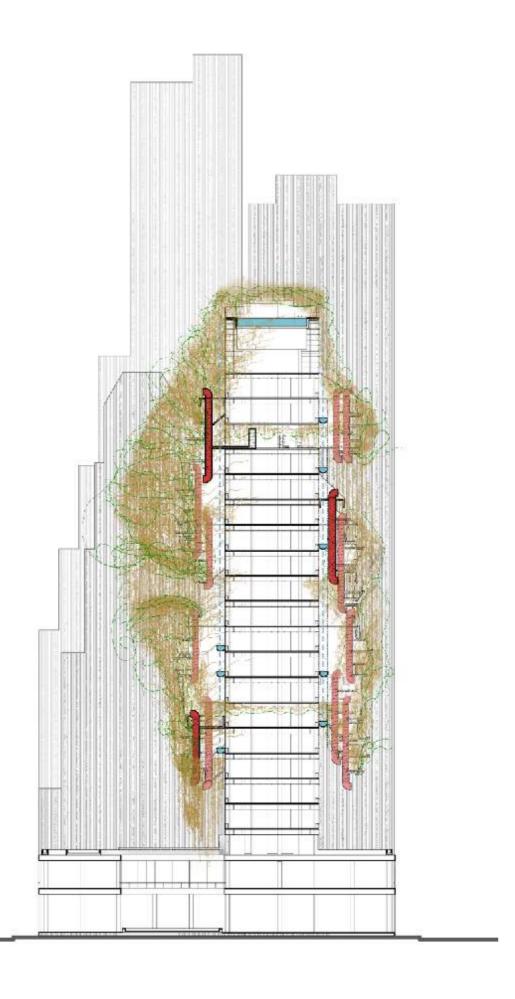
Rope: Irrigation

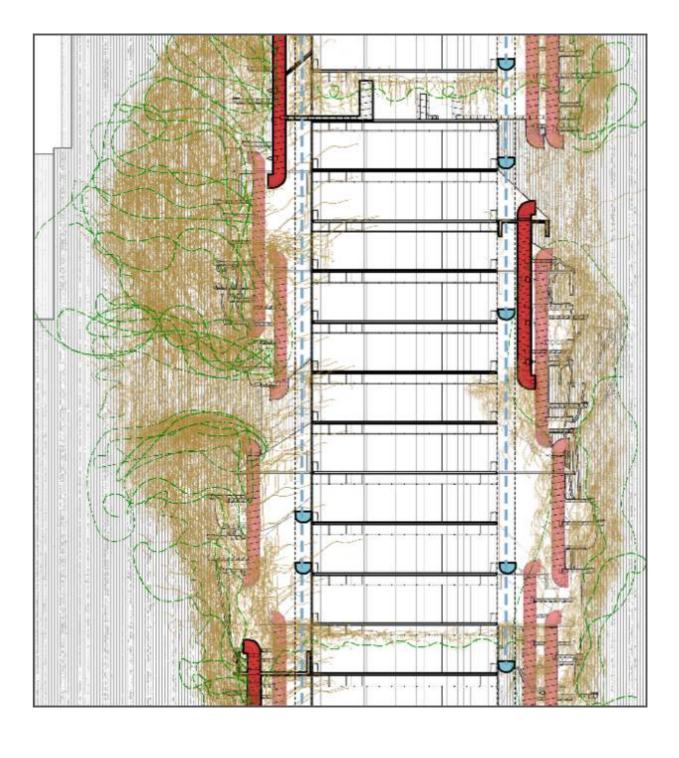


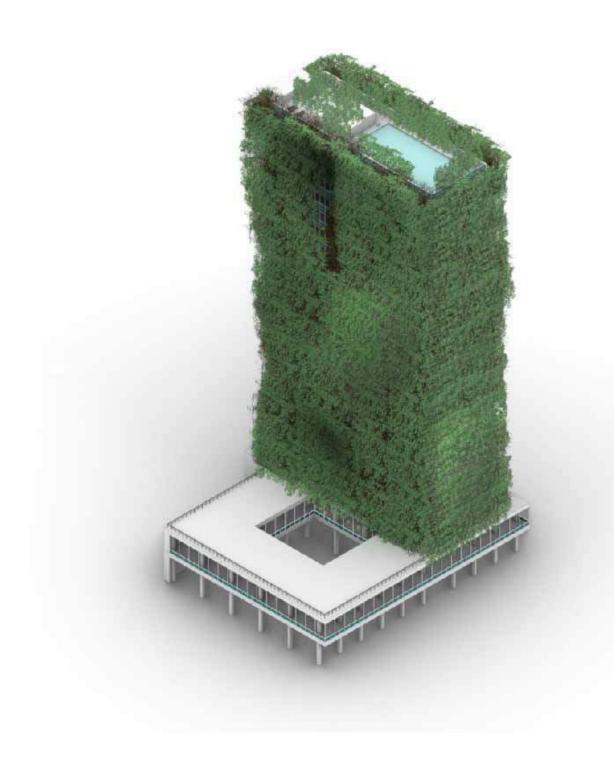


HVAC Duct 3: Water Repeater Station

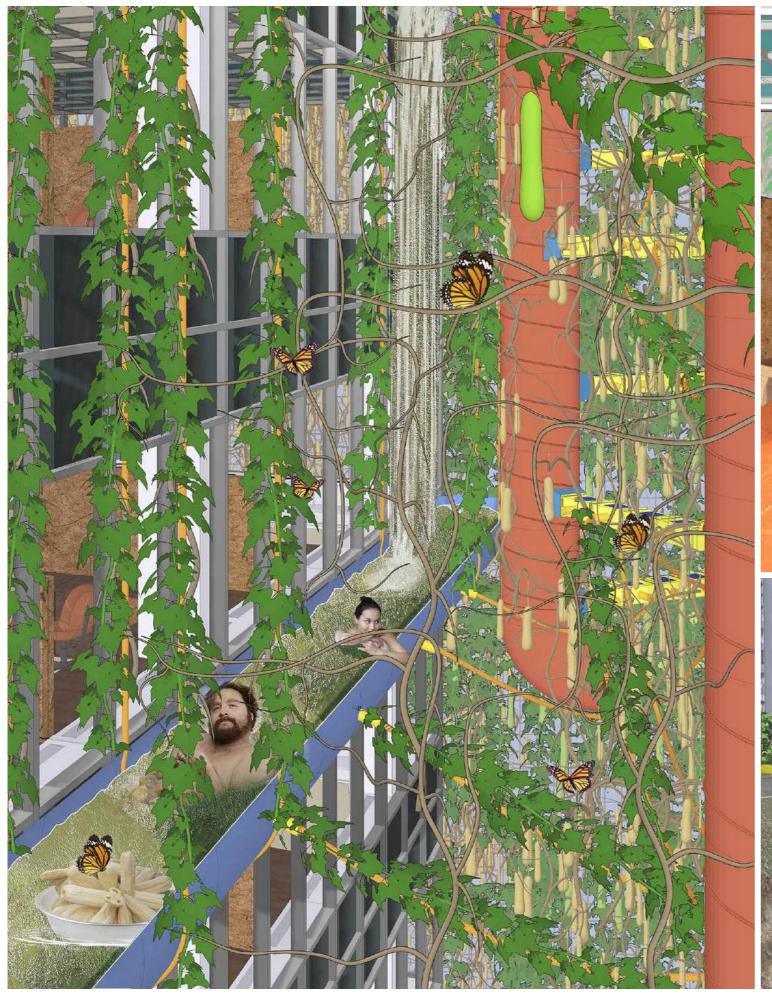












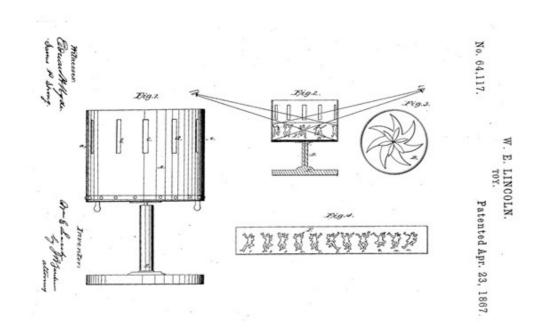




## Project 6: Long Day's Journey into Night Subway Entrance Transitional Space

Advanced VI, Spring 2022 Individual Work Instructor: Stephen Cassell, Annie Barrett

The project located at the subway entrance of Borough Hall Station tries to relieve the psychological stress when people move suddenly from above the ground to underground. The project is inspired by Stan Brakhage's film "Mothlight" and an early pre-film animation device called zoetrope. The project intends to provide a specific spatial and visual experience and an opportunity to make a dream.



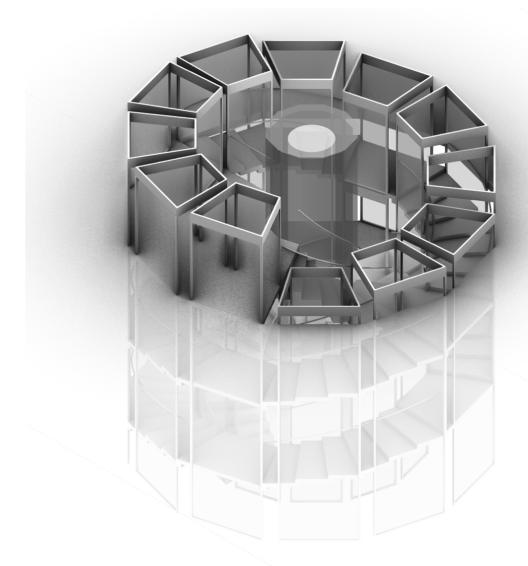
Zoetrope



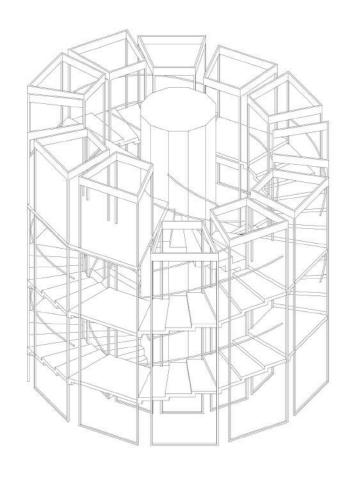


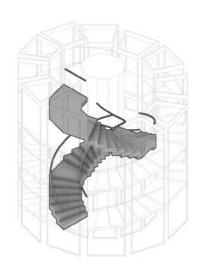
Site Plan

Axon



Mothlight - Stan Brakhage

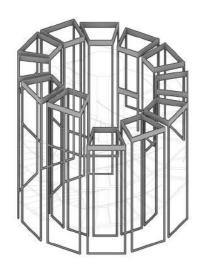




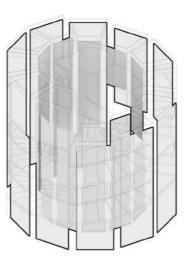




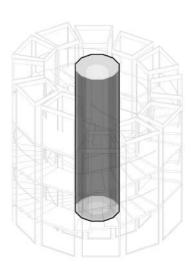
Outer Staircase



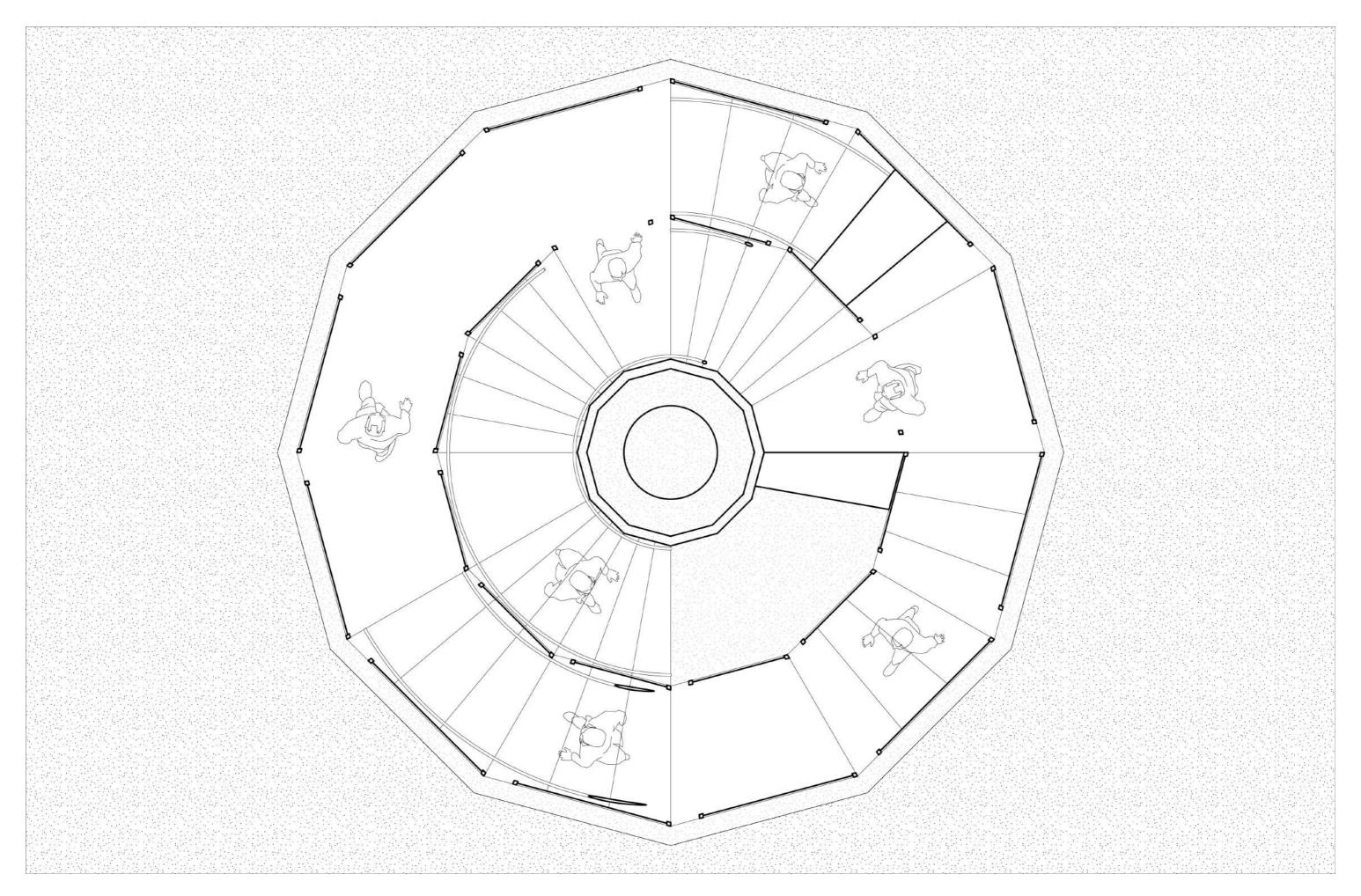
Stainless Steel Frames



Glass Panels

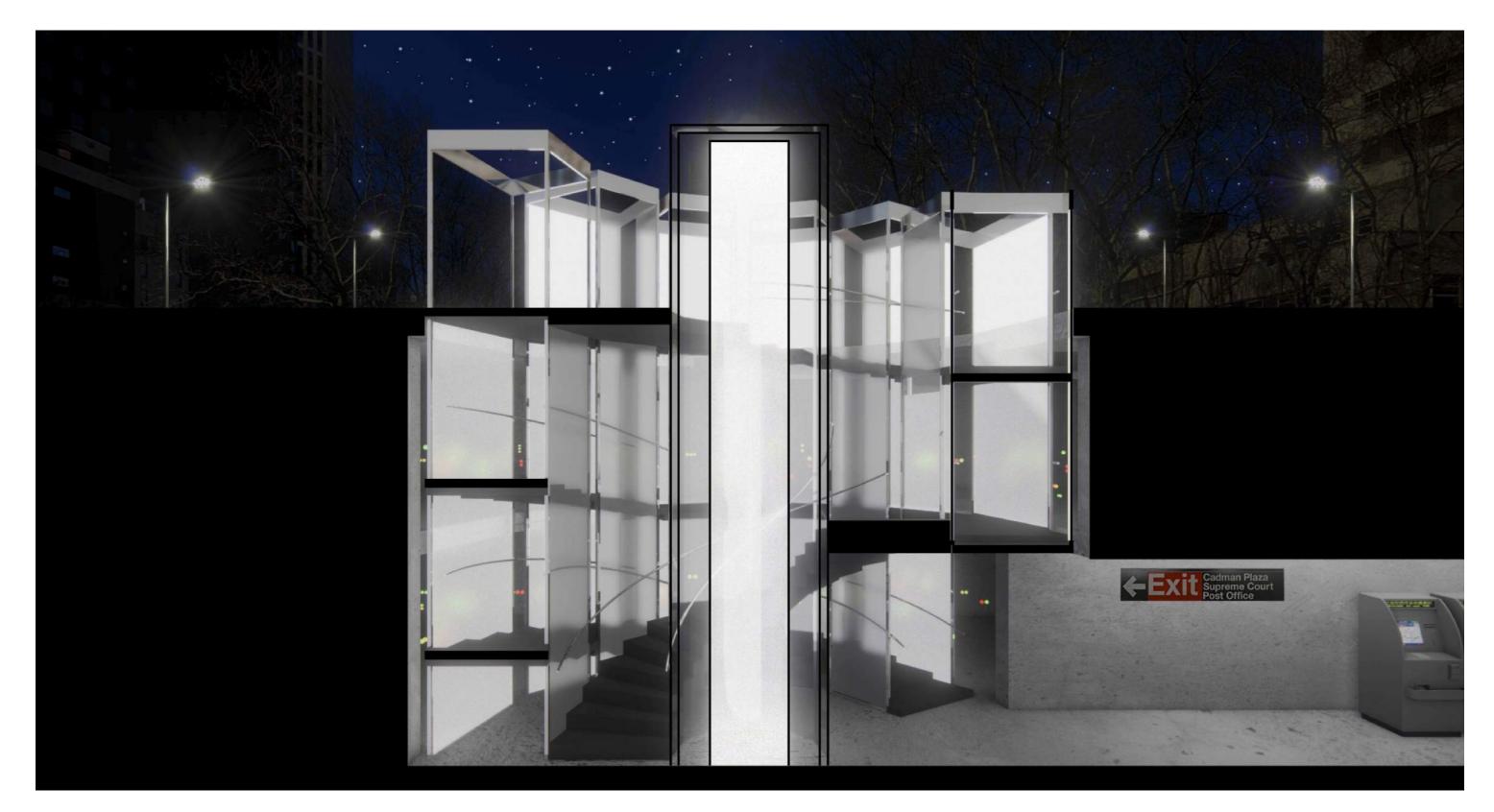


Glass Cylinder





Section



Section









