

YU KON KIM

2020 GRADUATION PORTFOLIO
GSAPP MSAAD DEGREE
YK2851

SUMMER 2019

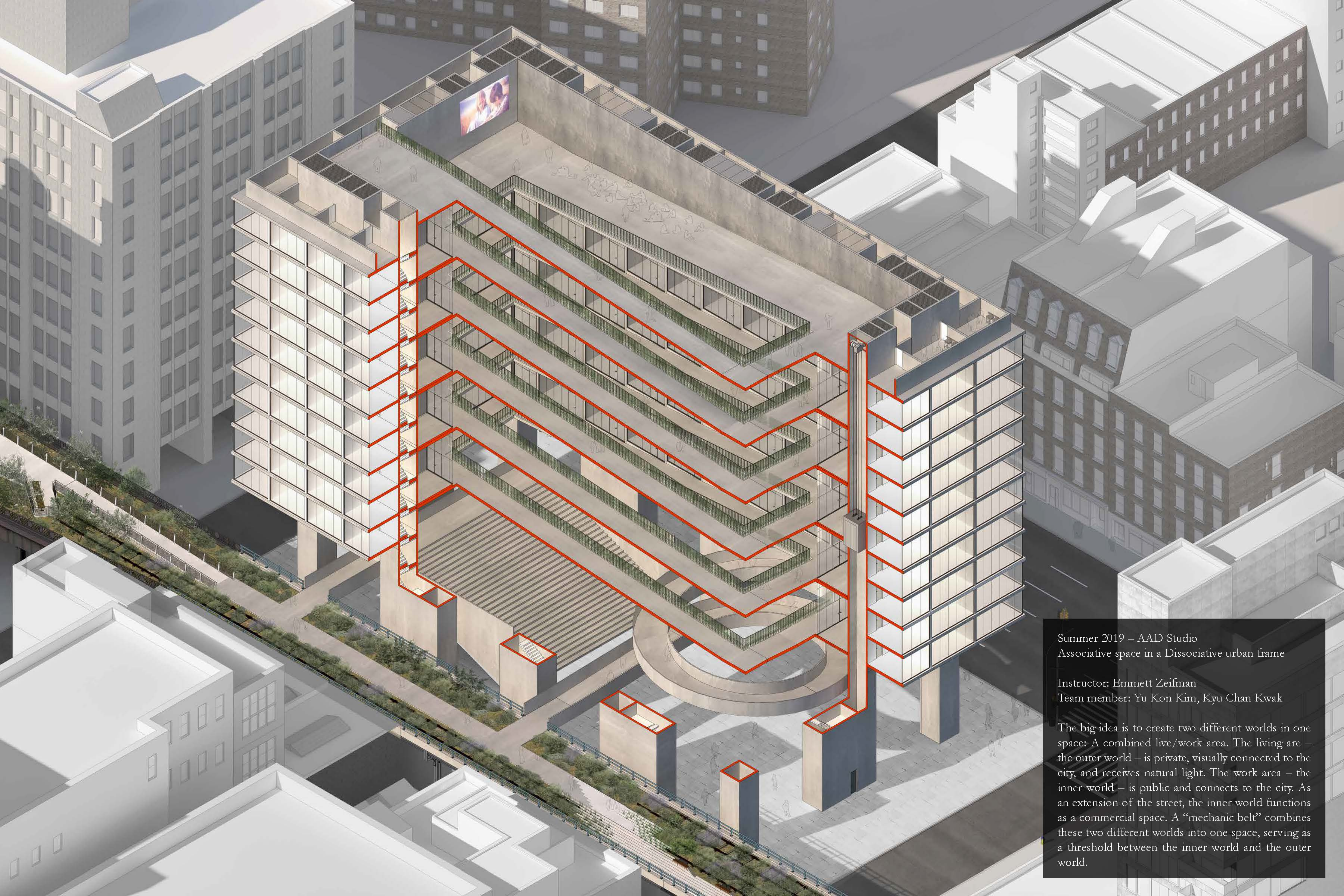
AAD Studio
Associative space in a Dissociative urban frame
Transscalarities
Newtown Creek Wastewater Treatment Plant

FALL 2019

Architecture Studio
Urban Compound
Transitional Geometries
The Growing Geometry
Ultra Real
House on the Hillside

SPRING 2020

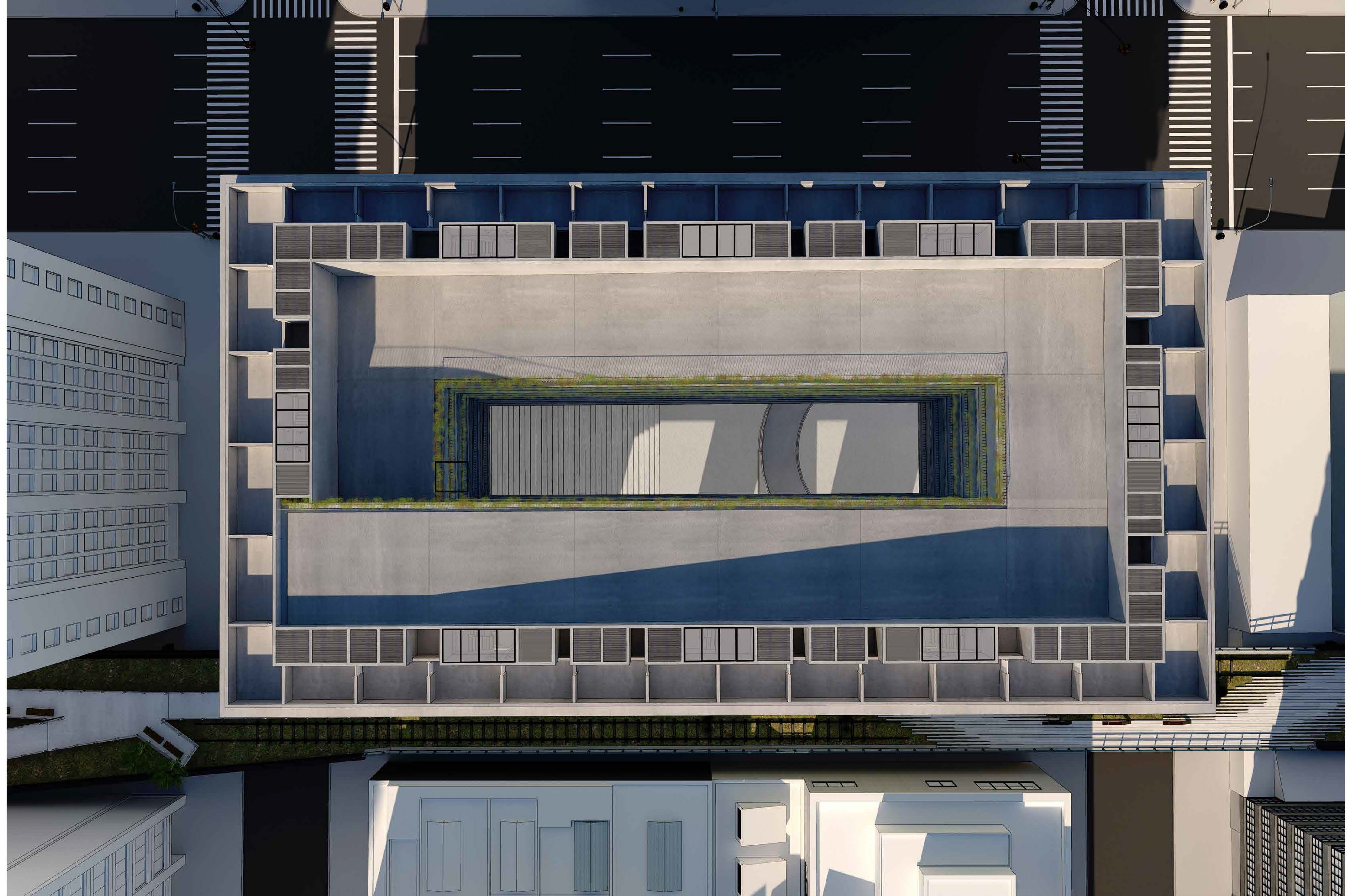
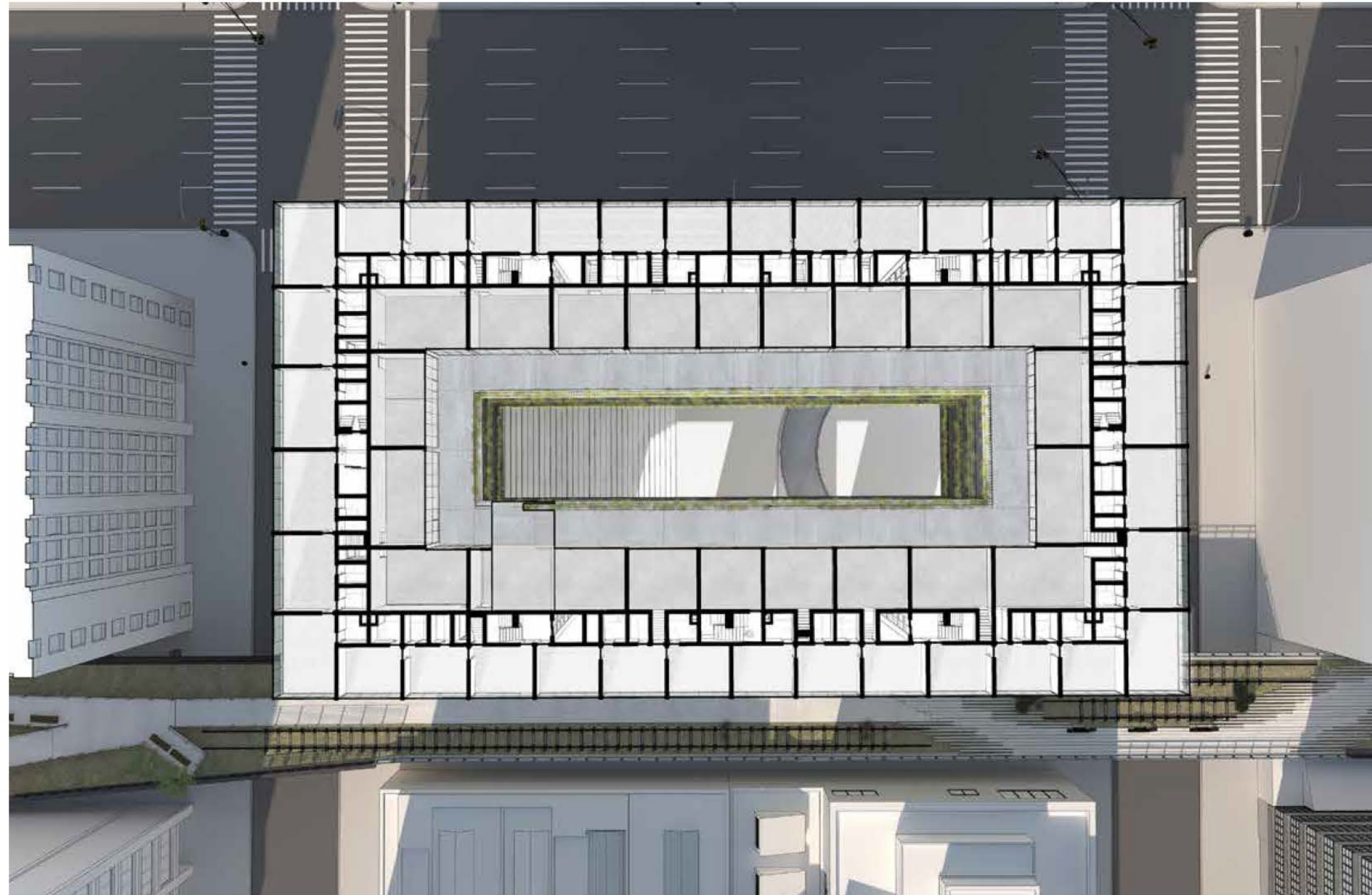
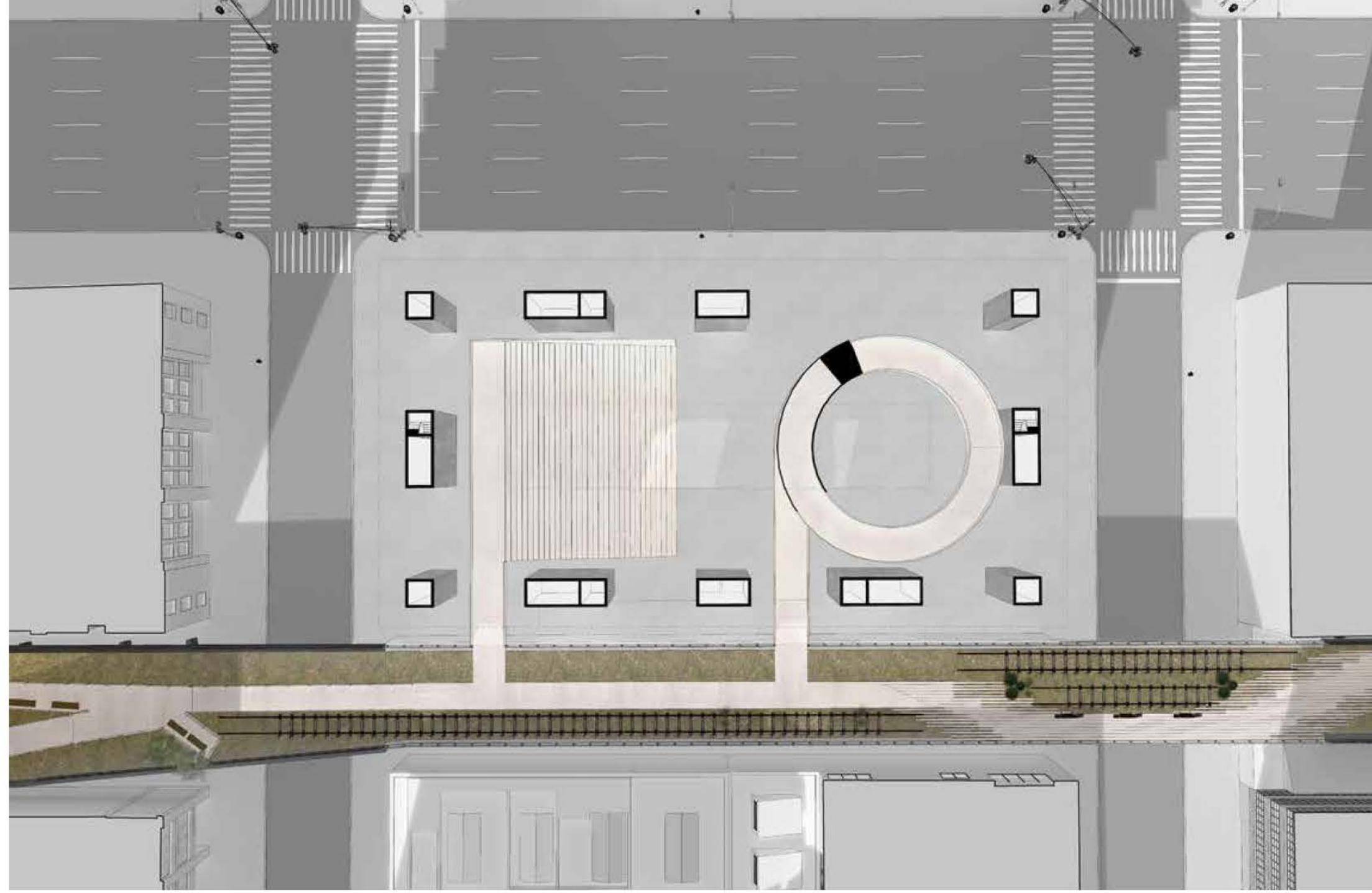
Architecture Studio
New Dentsu Headquarter Building

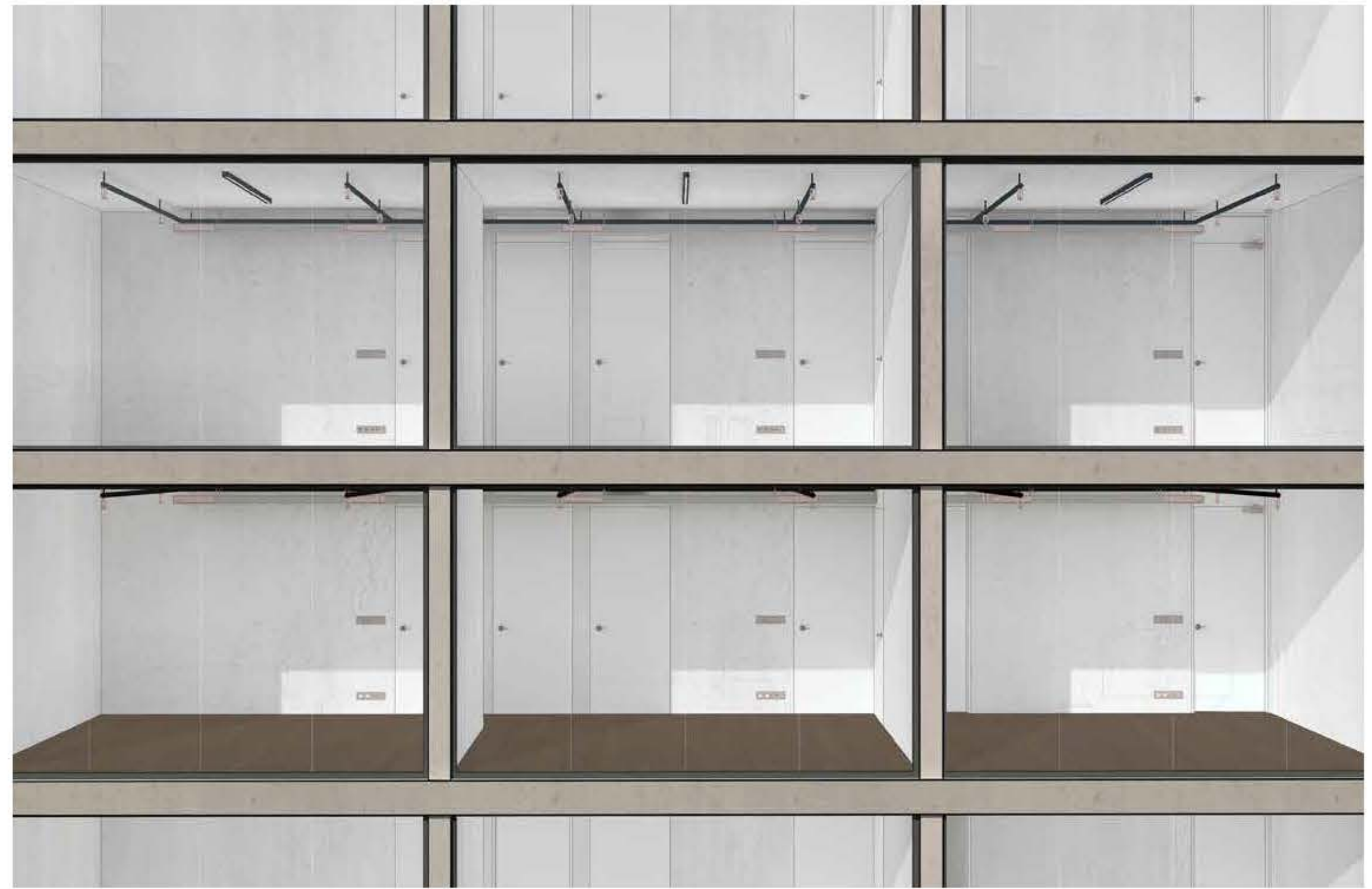


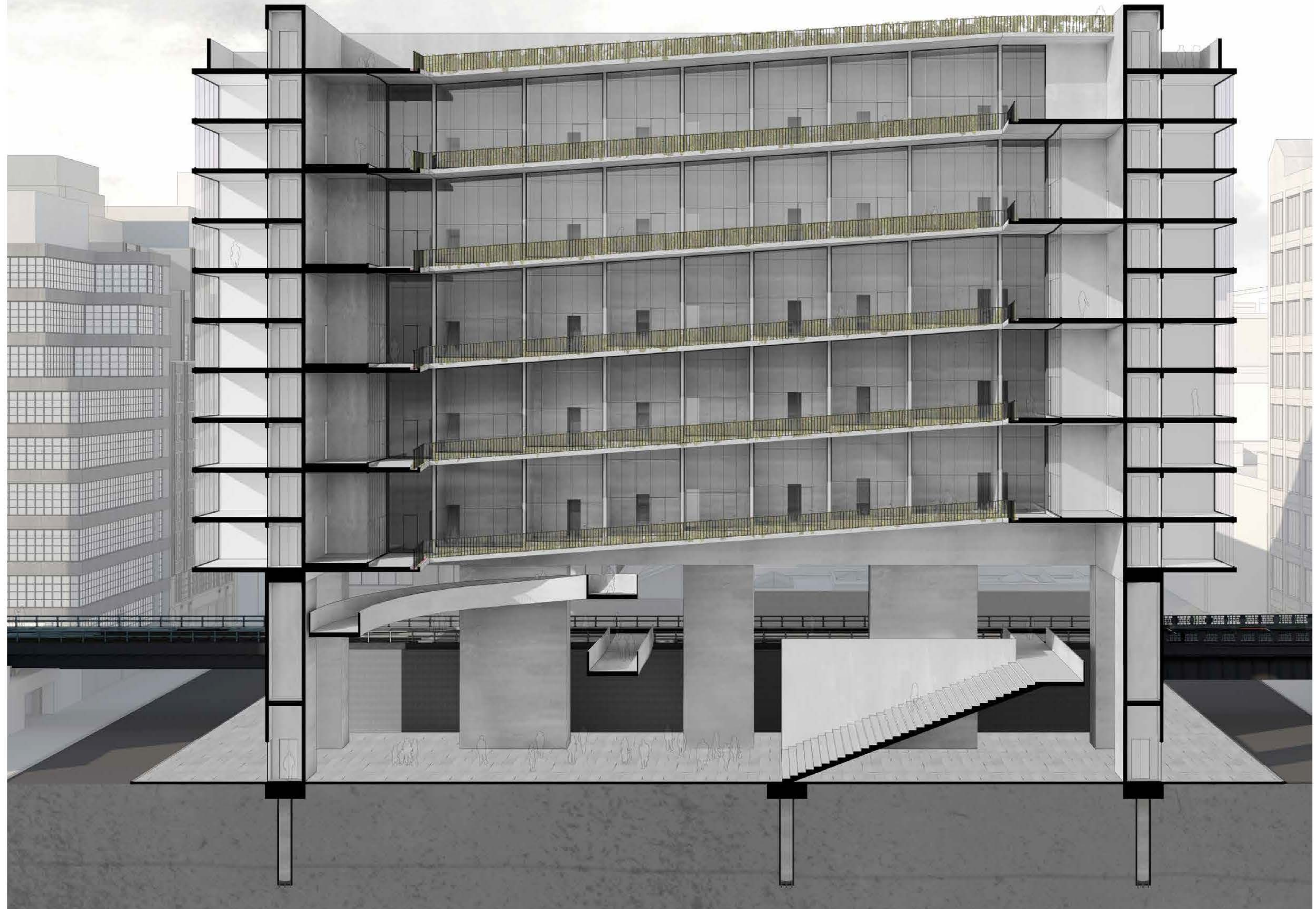
Summer 2019 – AAD Studio
Associative space in a Dissociative urban frame

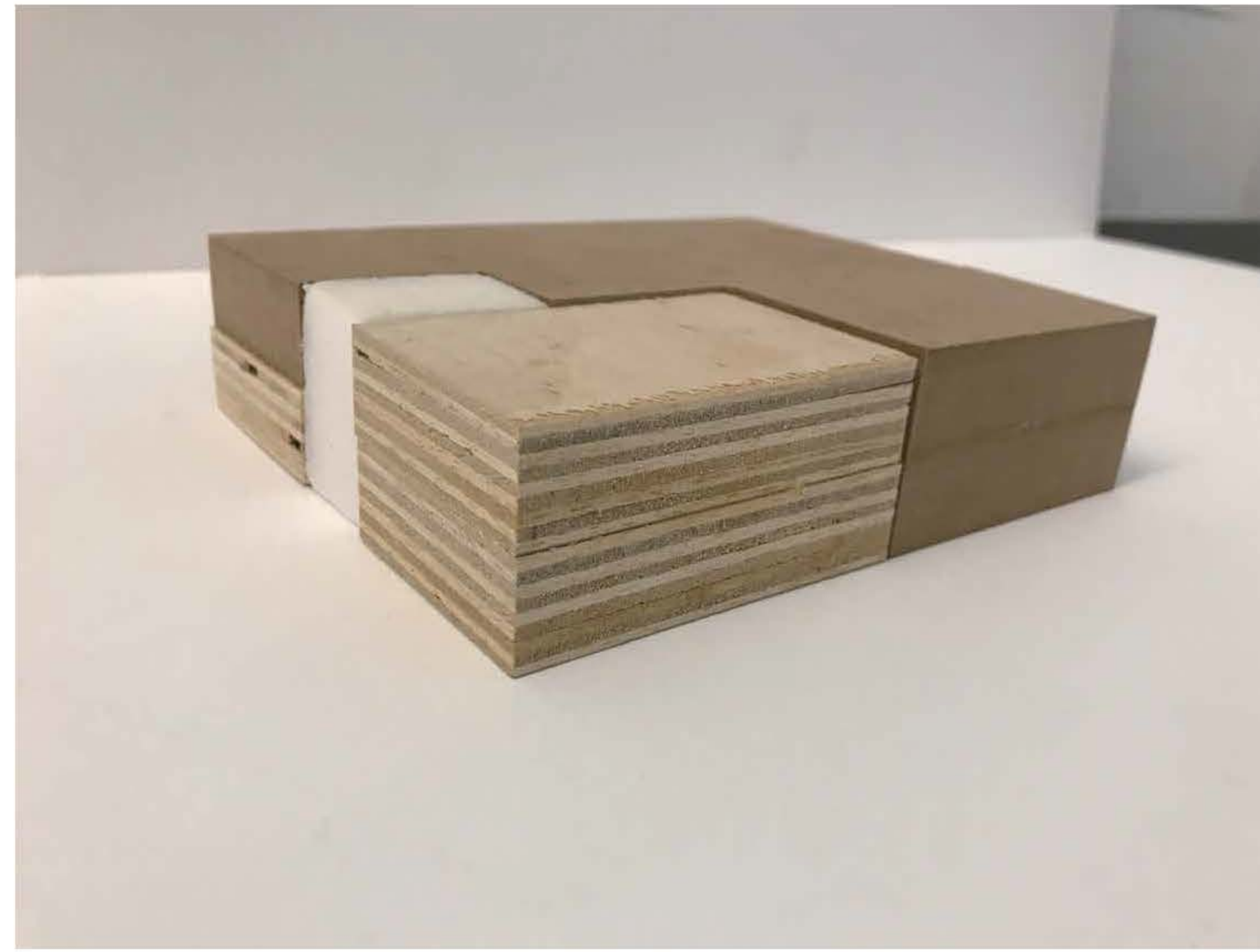
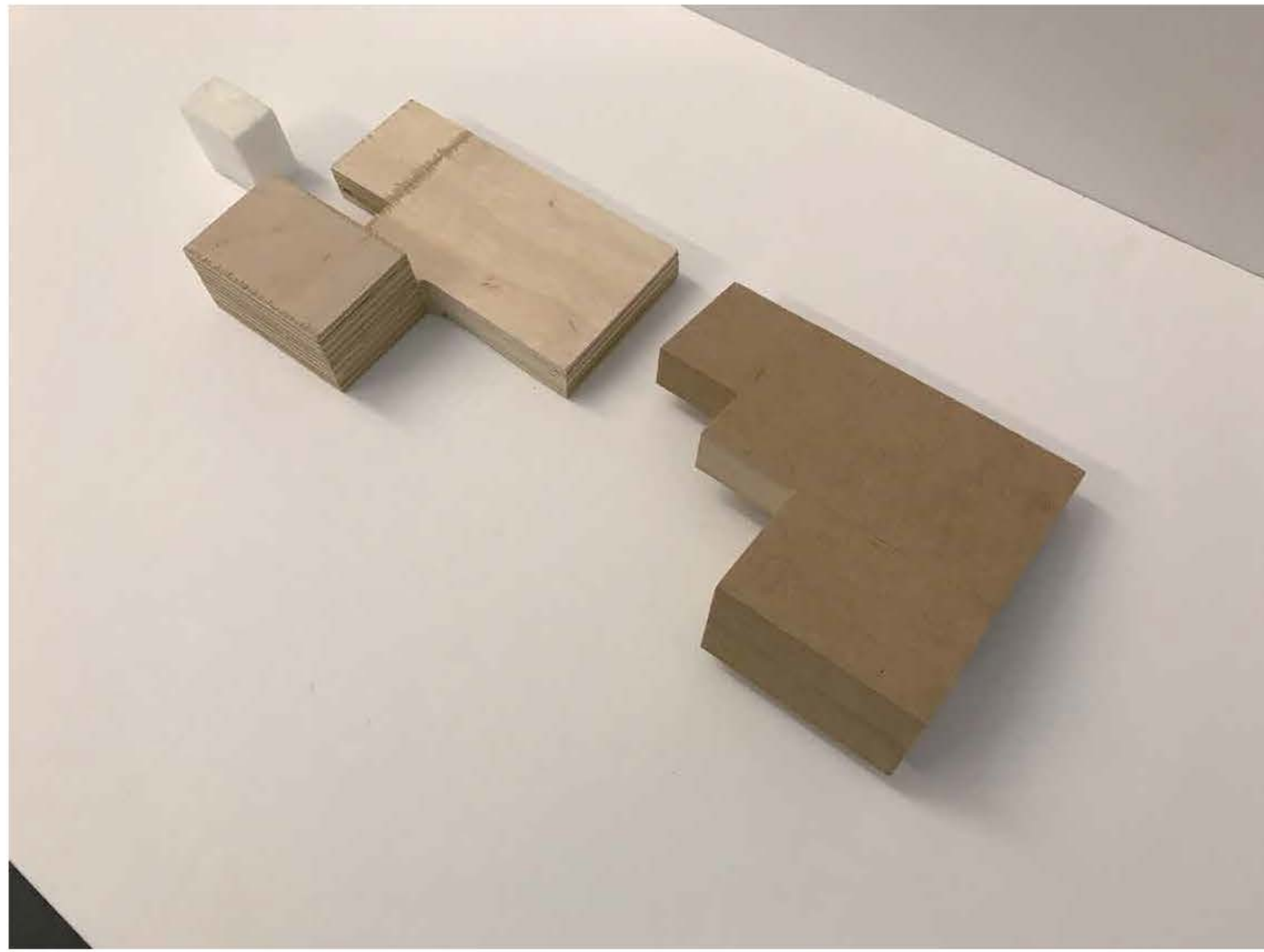
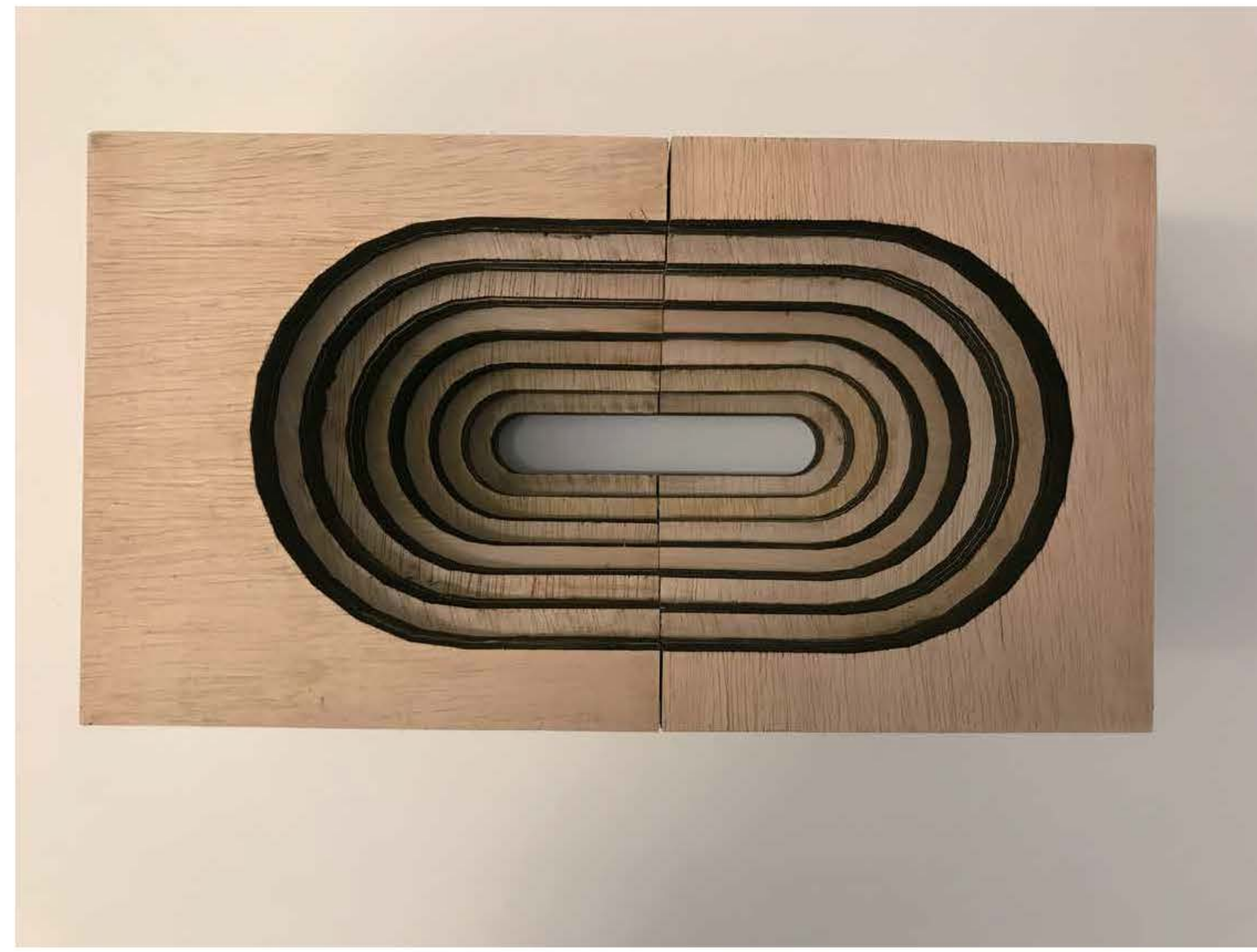
Instructor: Emmett Zeifman
Team member: Yu Kon Kim, Kyu Chan Kwak

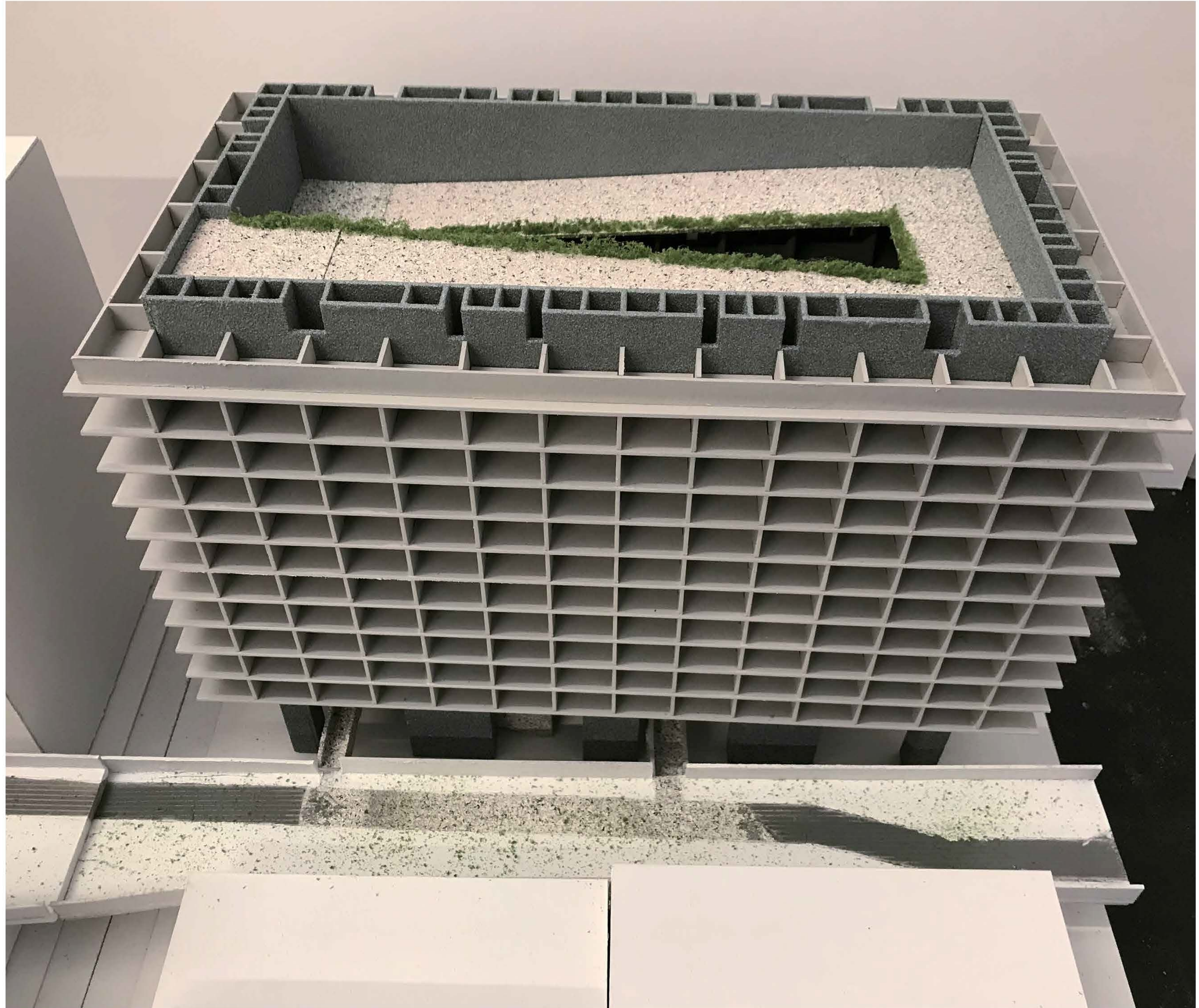
The big idea is to create two different worlds in one space: A combined live/work area. The living area – the outer world – is private, visually connected to the city, and receives natural light. The work area – the inner world – is public and connects to the city. As an extension of the street, the inner world functions as a commercial space. A “mechanic belt” combines these two different worlds into one space, serving as a threshold between the inner world and the outer world.

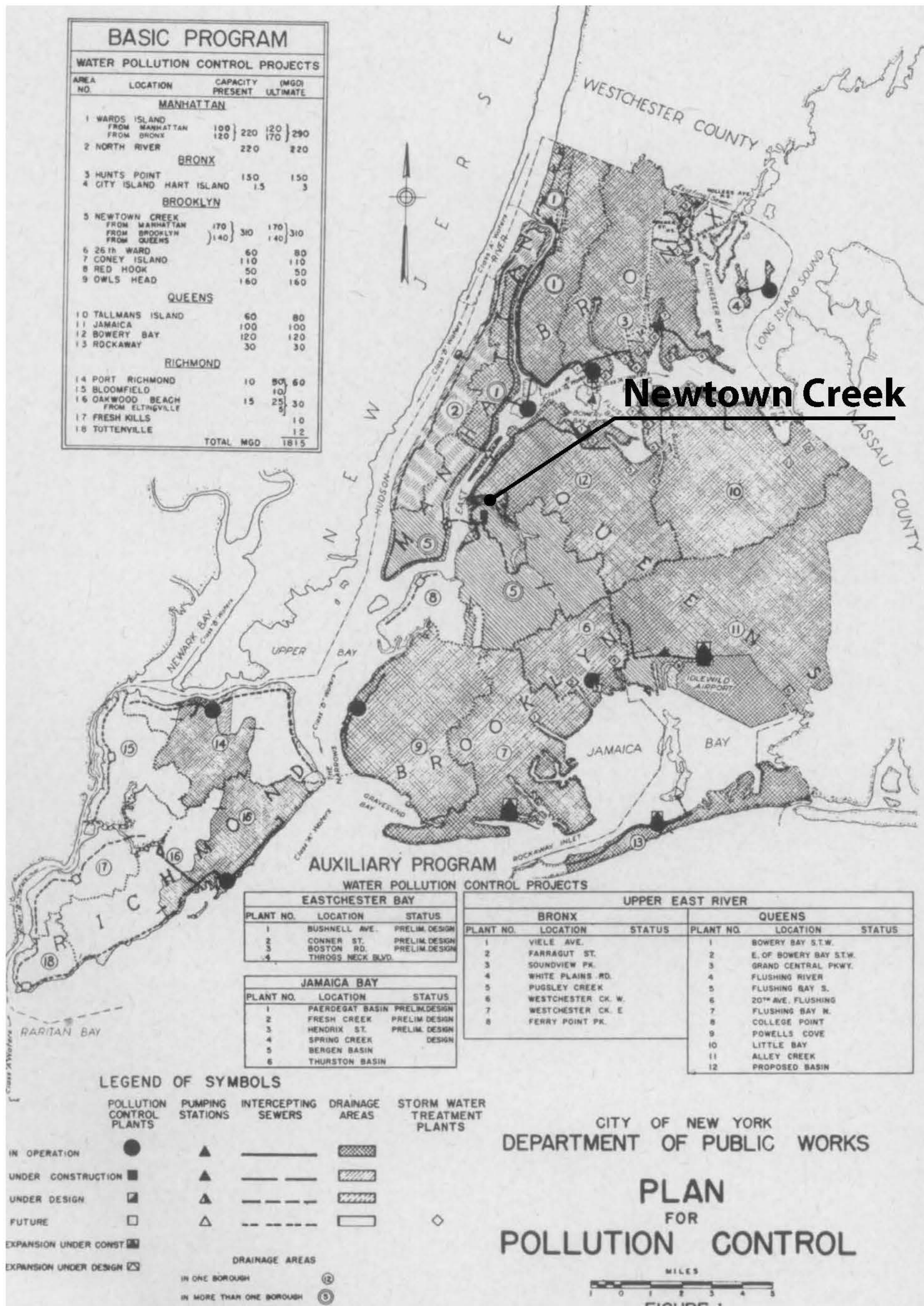


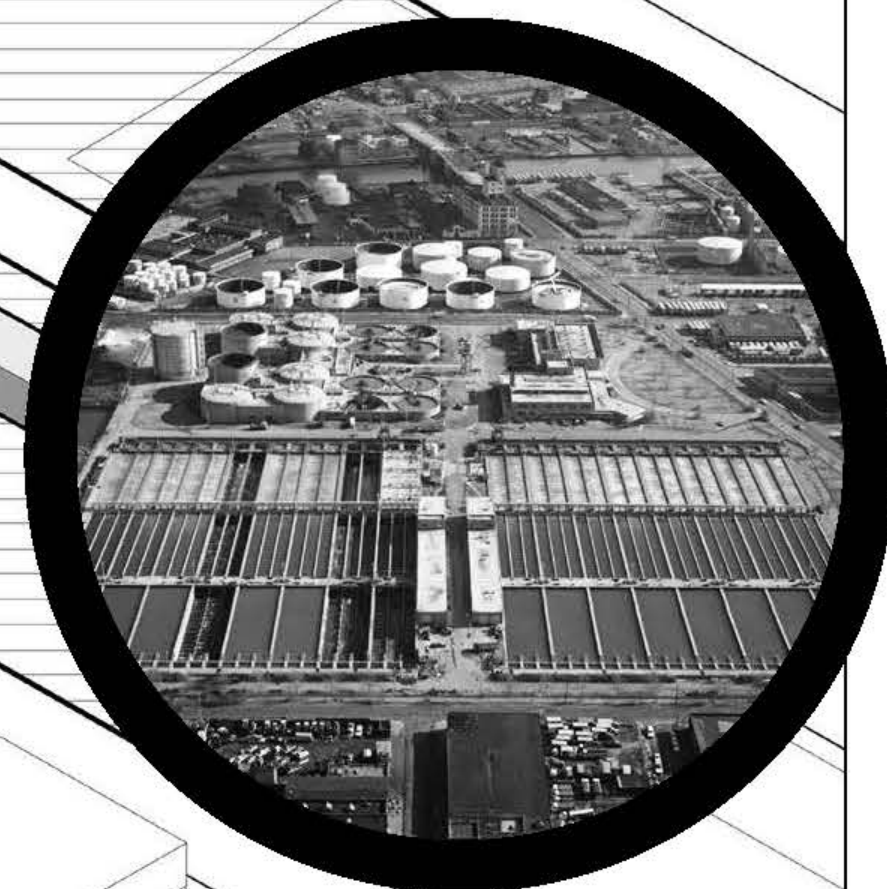
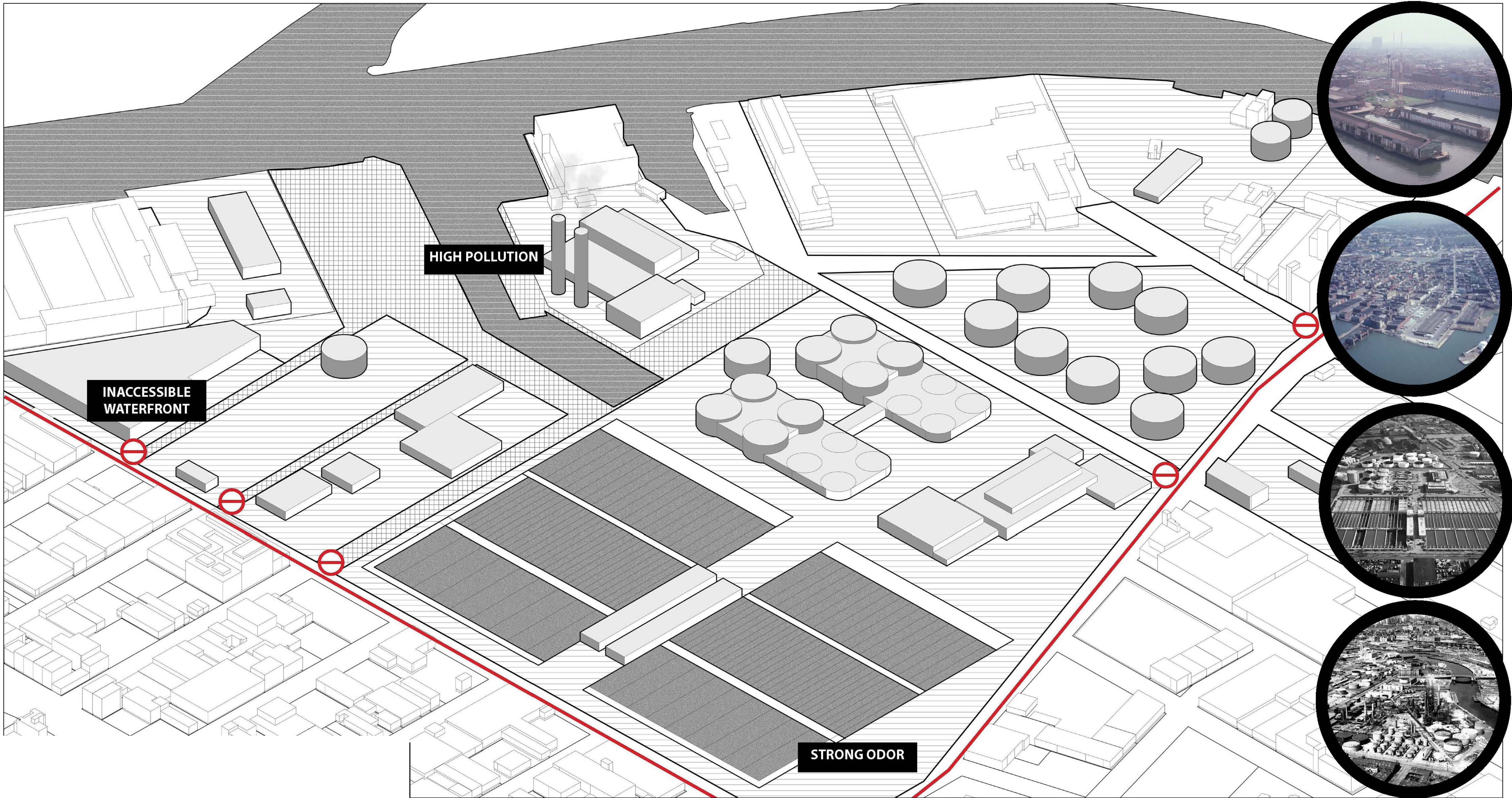


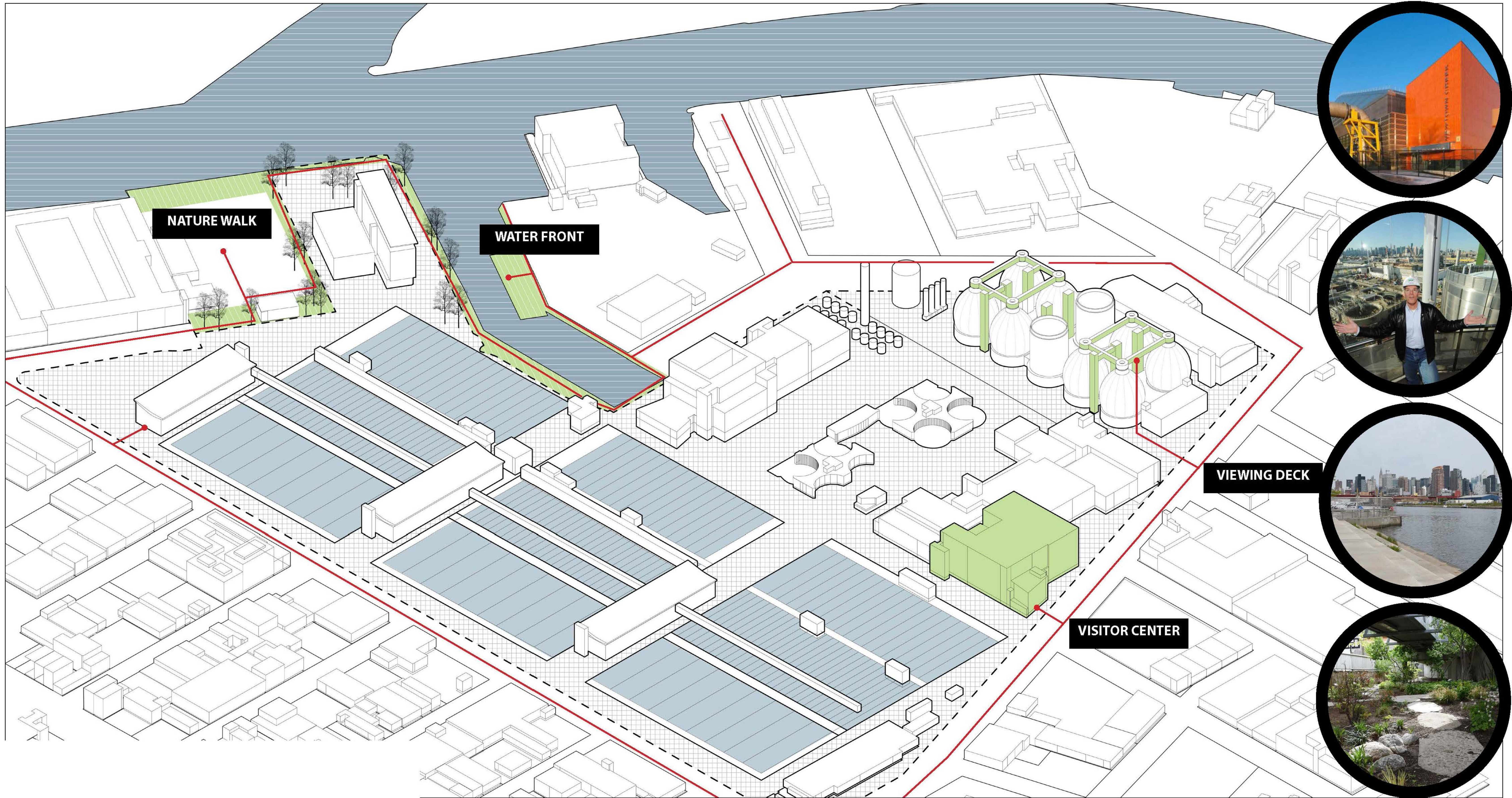


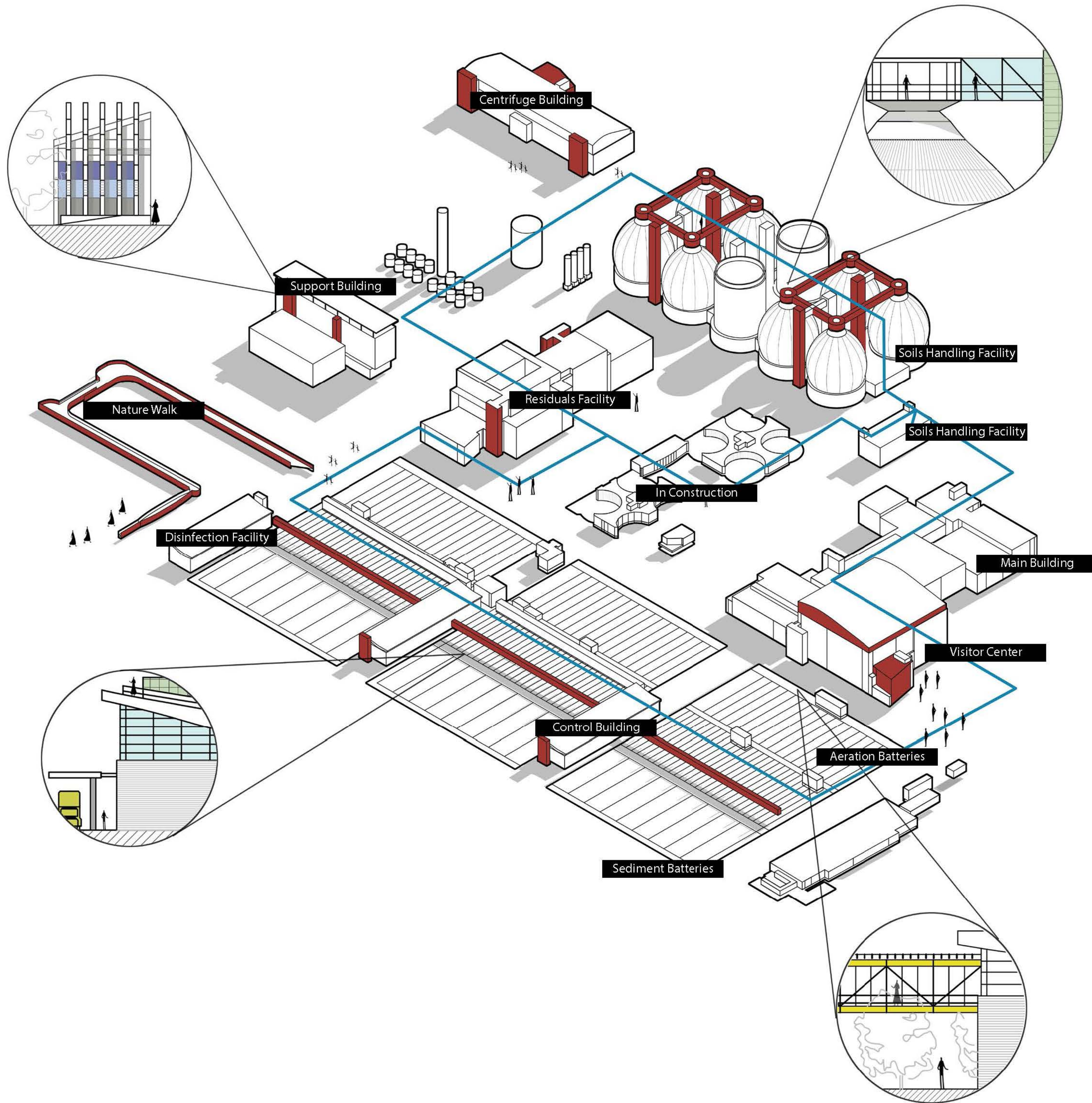










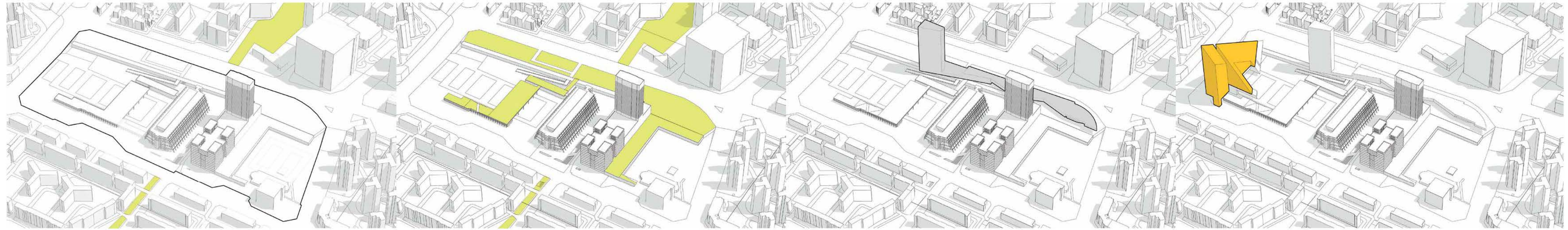




Fall 2019 – Architecture Studio
Urban Compound

Instructor: Richard Plunz
Personal work

The urban compound proposes to add SSG Head Quarters Offices; an elderly care facility associated with a near-by catholic medical center; education center; commercial space; art exhibition space; support center; F&B as well as additional infrastructure including 2,000 parking stalls and 1,600 bike parking spaces. The total additional area adds up to 139,600 Py / 461,500m². The scale of this area is about 1.4 more than Lotte Tower or 0.95 of Rockefeller Center. The construction budget is estimated around 1.36B. For the seven years of construction period, approximately 12,000 construction worker will be required.

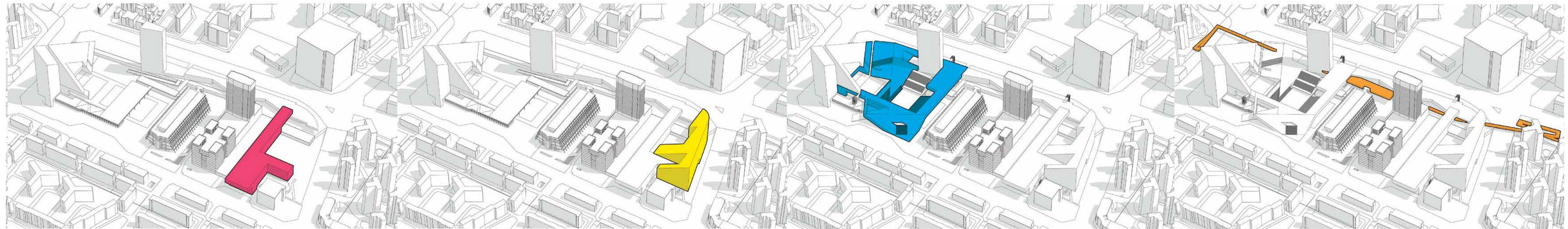


Existing Site Condition

Landscape Added on Top of the Existing Structure

Food & Beverage

SSG Headquarter 1

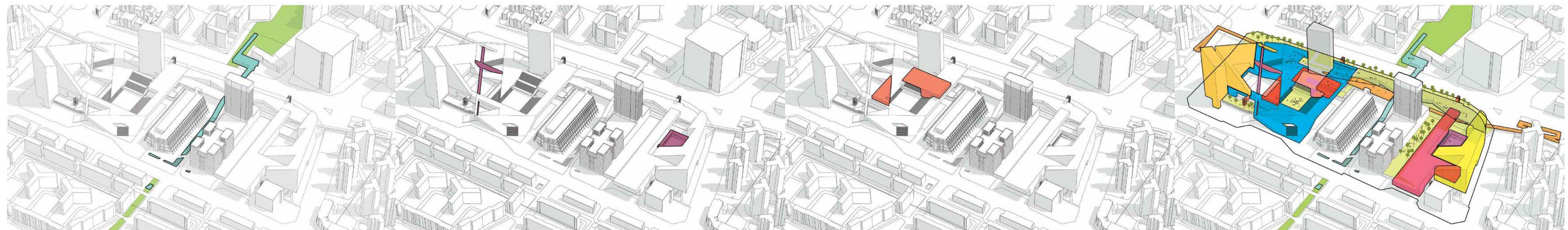


Education Center

Elderly Care

Commercial

Bike Path

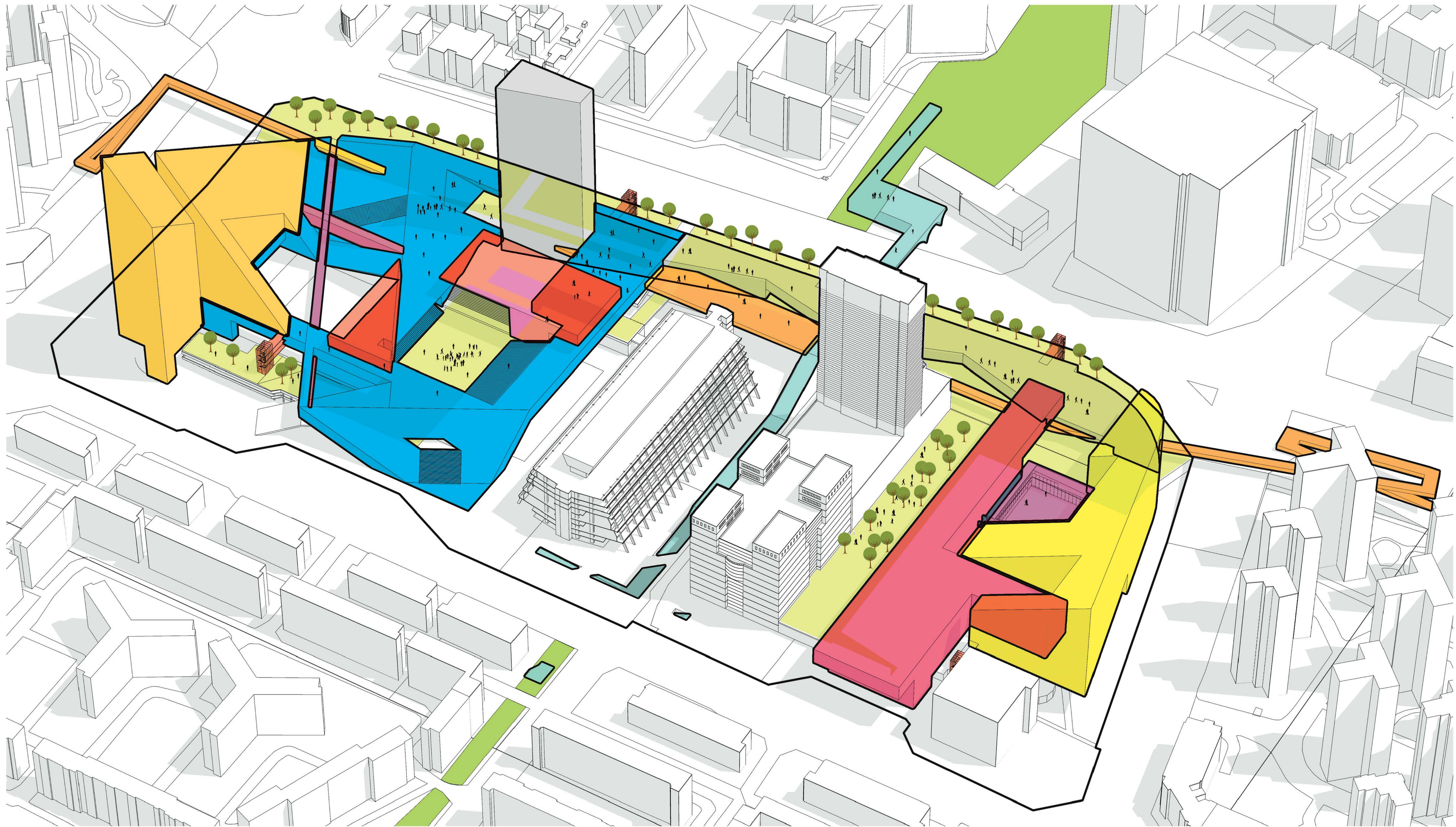


Green Connection

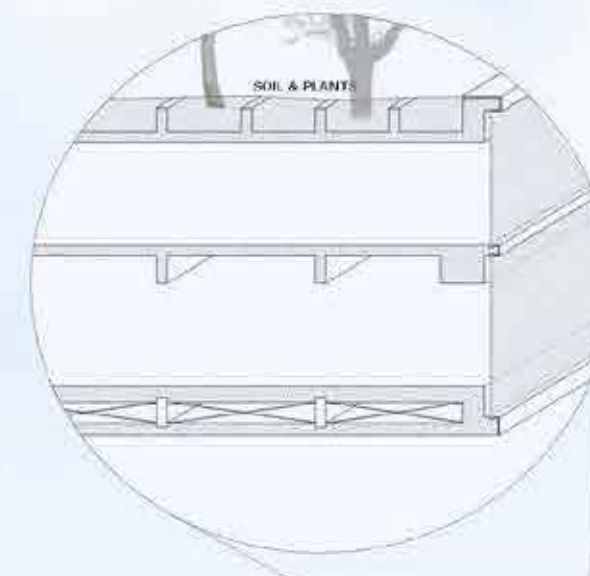
Reinforcing Platform

Art Gallery & Support Center

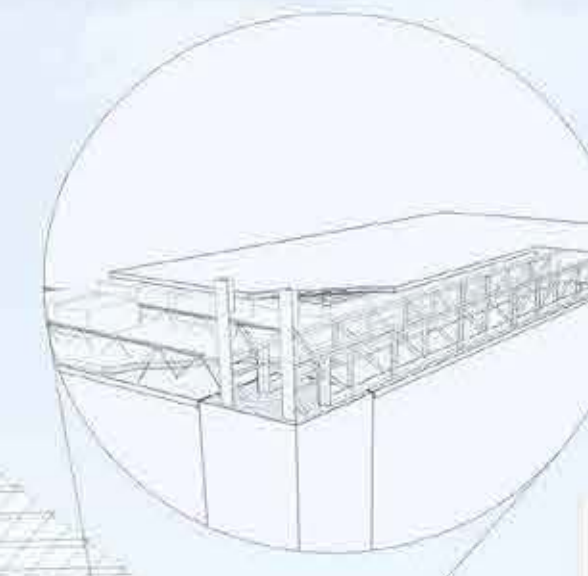
Urban Compound



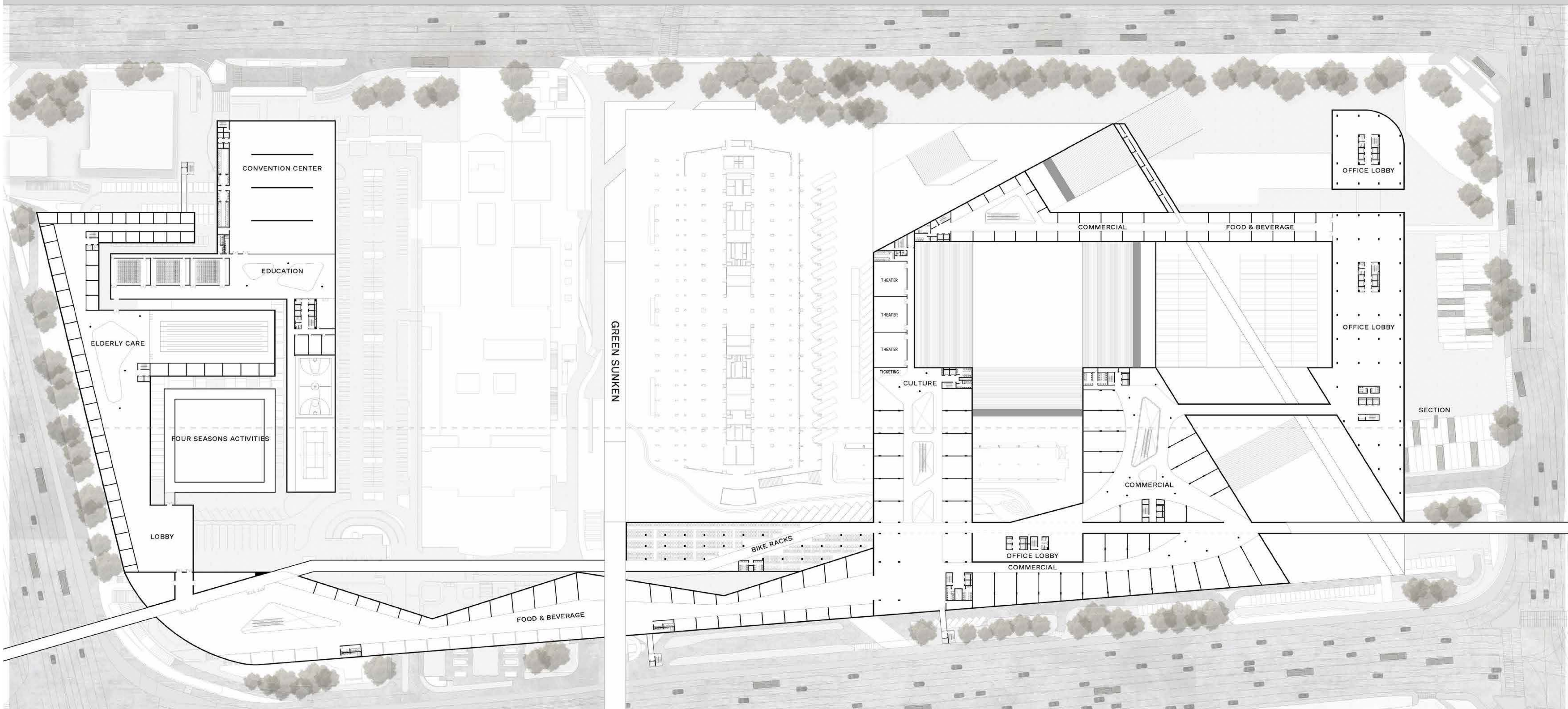
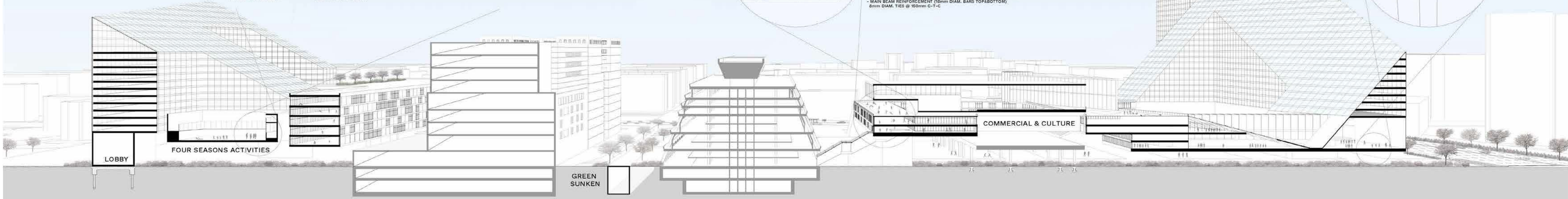
- DETAIL-1 (SPRING SEASON)**
- GREEN (SOIL AND PLANTS)
 - CCW SURE-SEAL TERMINATION BAR
 - NAIL IN (RAMSET ANCHOR)
 - RIGID INSULATION PER DESIGN
 - MILD STEEL (CCW-800)
 - ROOT BARRIER (FABRIC)
 - REINFORCING FABRIC
 - CONCRETE SUBSTRATE
- DETAIL-2 (SUMMER SEASON)**
- CLEAR WATER
 - CCW SURE-SEAL TERMINATION BAR
 - WATER PROOF GUTTER
 - RIGID INSULATION (DOMILLS CCW-800)
 - NAIL IN (RAMSET ANCHOR)
 - REINFORCING FABRIC
 - CONCRETE SUBSTRATE
- DETAIL-3 (FALL SEASON)**
- 1/2" EPDM TOP LAYER
 - SBR BUFFER BASE (BY OTHERS)
 - 4" STEEL P/PE SUBSTRATE
 - COMPOUND FABRIC
 - GEOTEXTILE FABRIC
 - CONCRETE SUBSTRATE
- DETAIL-4 (WINTER SEASON)**
- ICE SKATING SURFACE
 - CHILLED CONCRETE SLAB
 - INSULATION
 - HEATED CONCRETE
 - SAND AND GRAVEL BASE
 - WATER DRAIN
 - CONCRETE SUBSTRATE

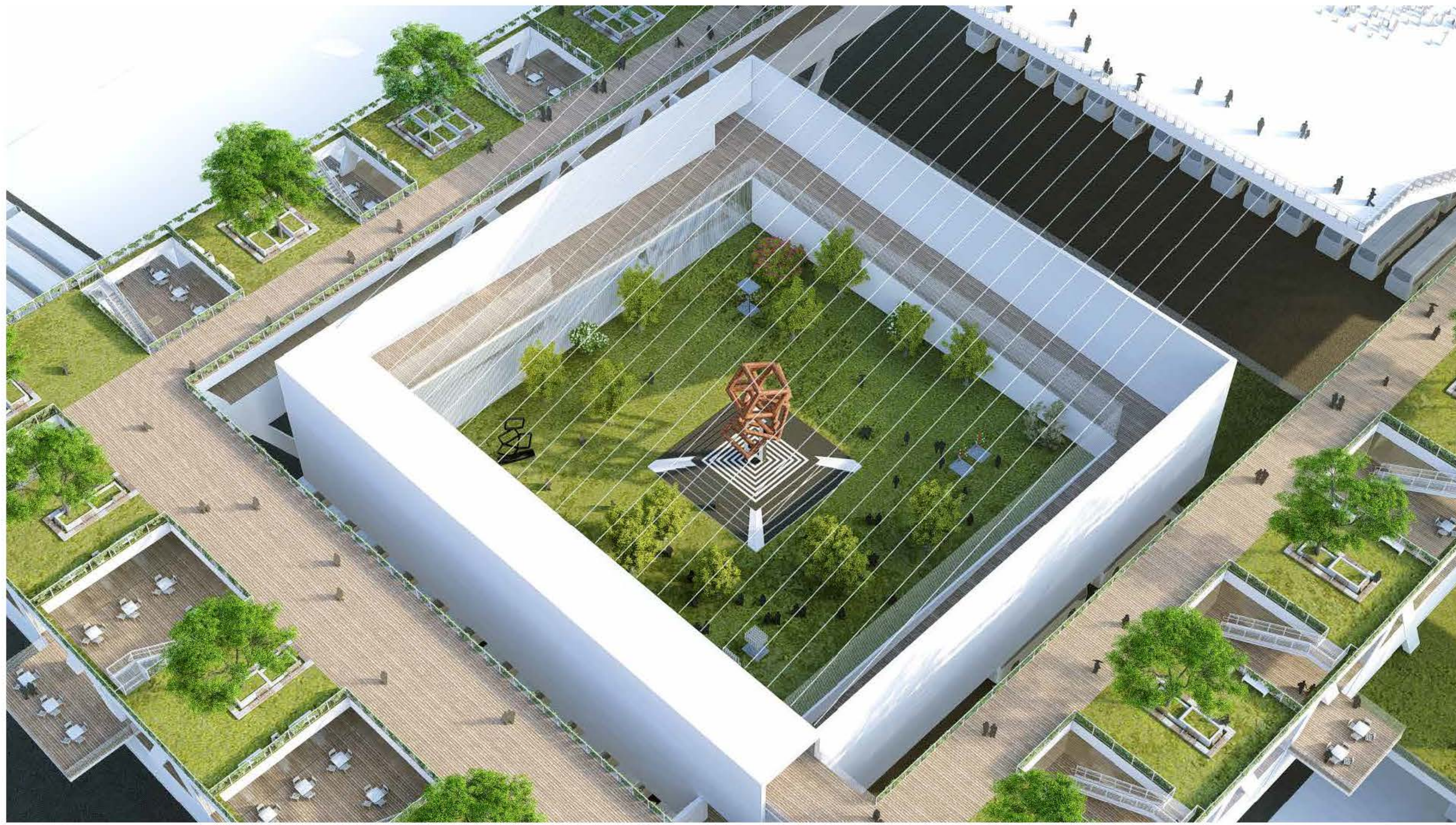


- REINFORCING CONCRETE (C.C. 1-3-6)
 - R.S. JOISTS (75mm x 50mm x 6.3KG/m)
 - STEEL BEAM (C. 250 mm)
 - FOLDED STEEL JOISTS (STE ROD INSIDE)
- REINFORCING CONCRETE (C.C. 1-3-6)
 - BARTOP 3-#7 MAX 200mm, BOT 3-#7 MAX 200mm
 - FC DESIGN STRENGTH GREATER THAN 2,800psi
 - PLACING OF REINFORCING STEEL
 - GRADE BEAM (F_u=3,000psi)
- REINFORCING CONCRETE (C.C. 1-3-6)
 - PERIMETER CHAINAGE (TIC) BEAM ON TOP OF LOAD CONCRETE FLOOR
 - MAIN BEAM REINFORCEMENT (20mm DIAM. BARD TOP/BOTTOM)
 - 8mm DIAM. TIES @ 150mm C-T-C

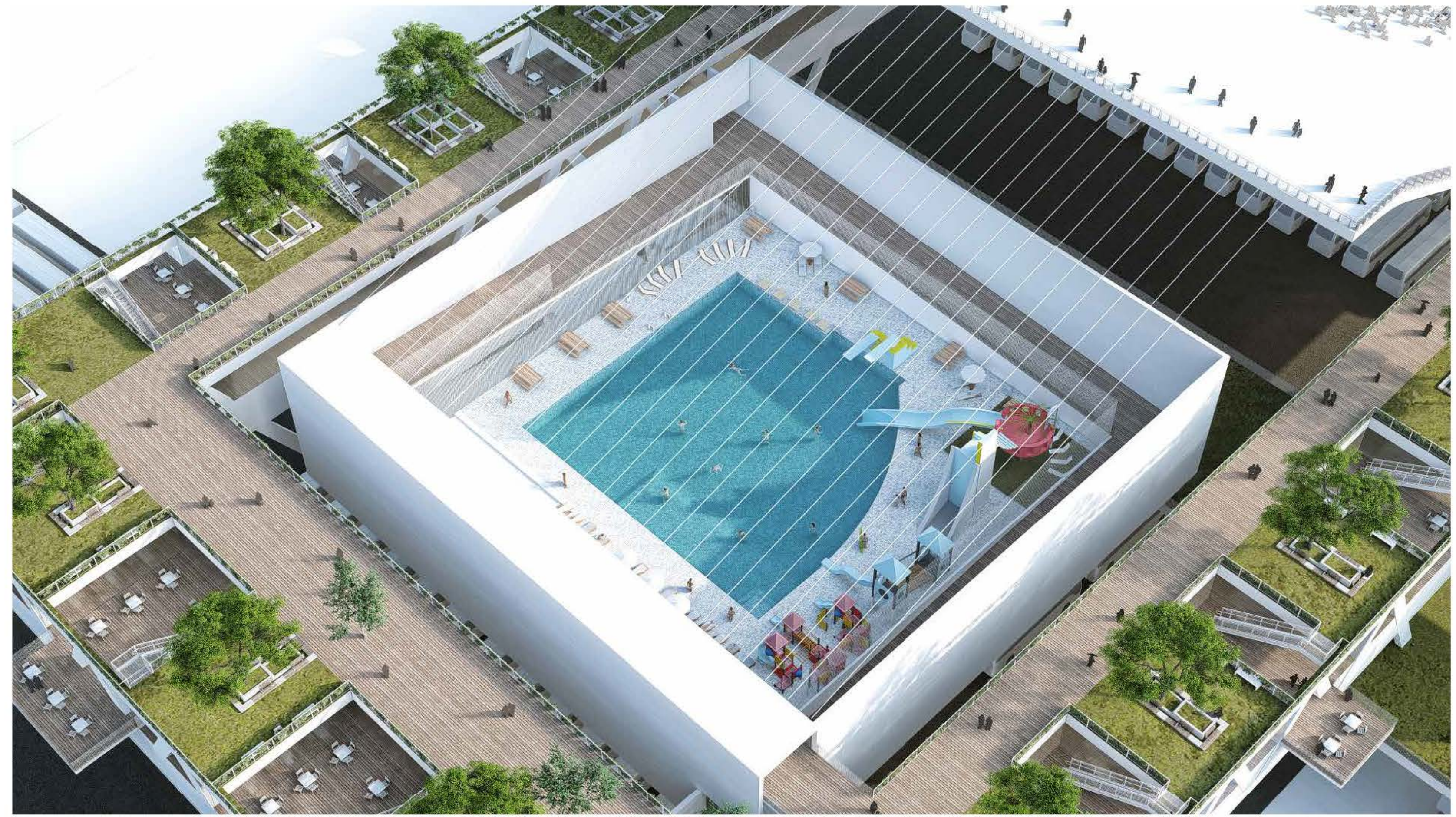


- CAST IN PLACE R.C. SLAB
- POLYSTYRENE BLOCKS
- "PRECASTED" FLOOR SLAB
- STEEL PLATE
- BRIDGING TRUSS
- TOP REINFORCING BAR & ZIGZAG REBAR (TRUSS)
- REINFORCING BEAR
- CONCRETE COLUMN

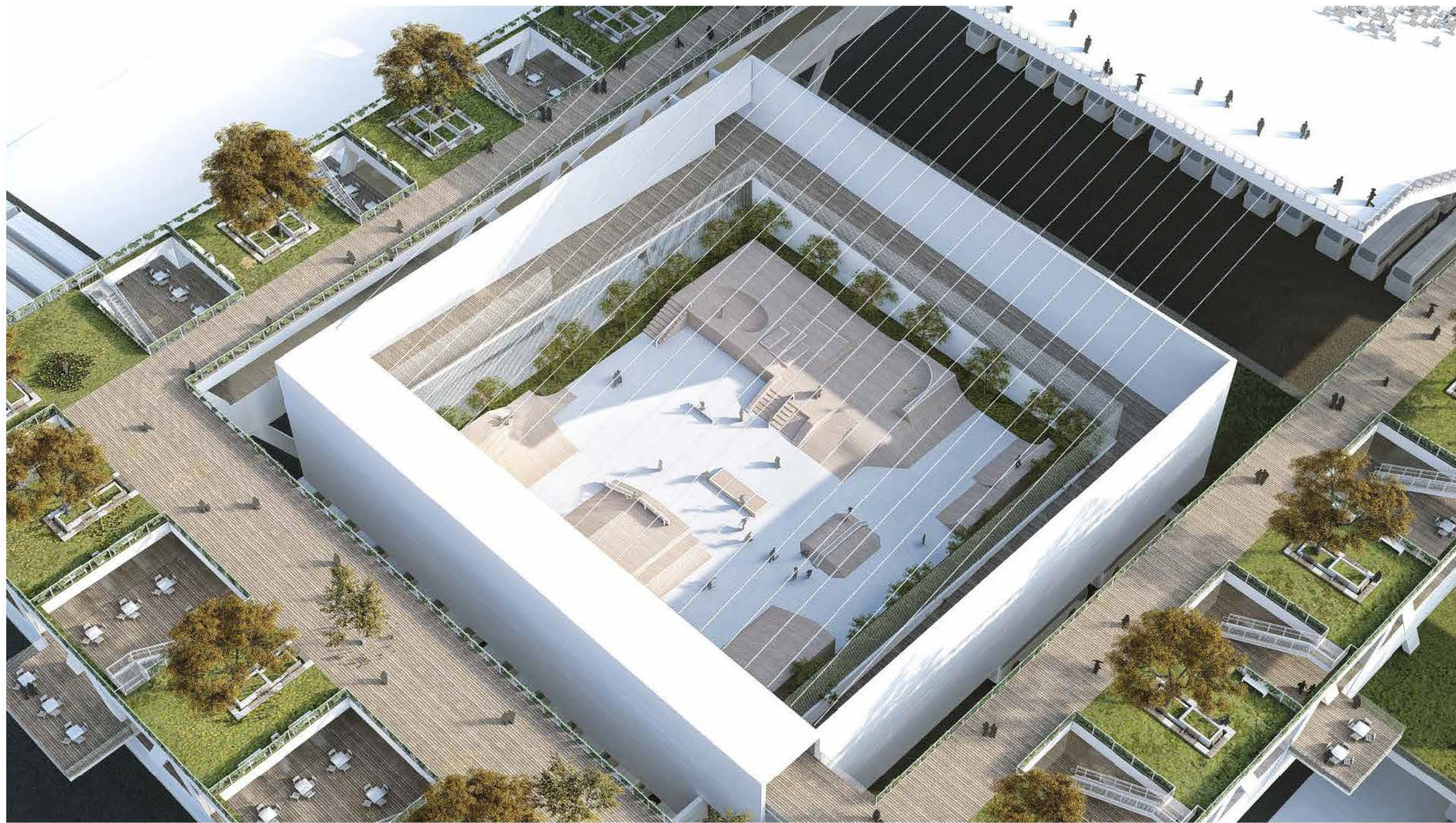




SPRING



SUMMER

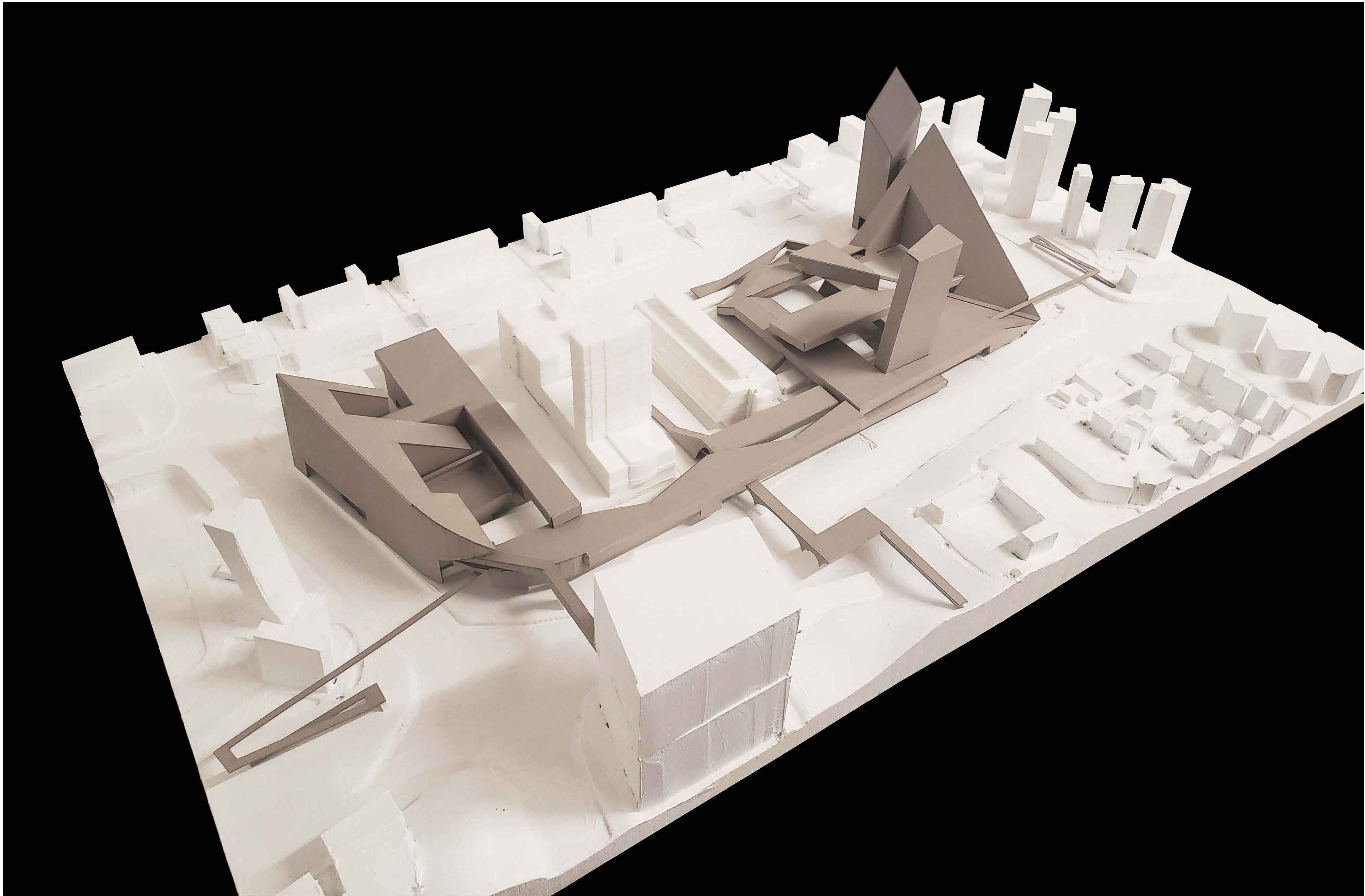


FALL

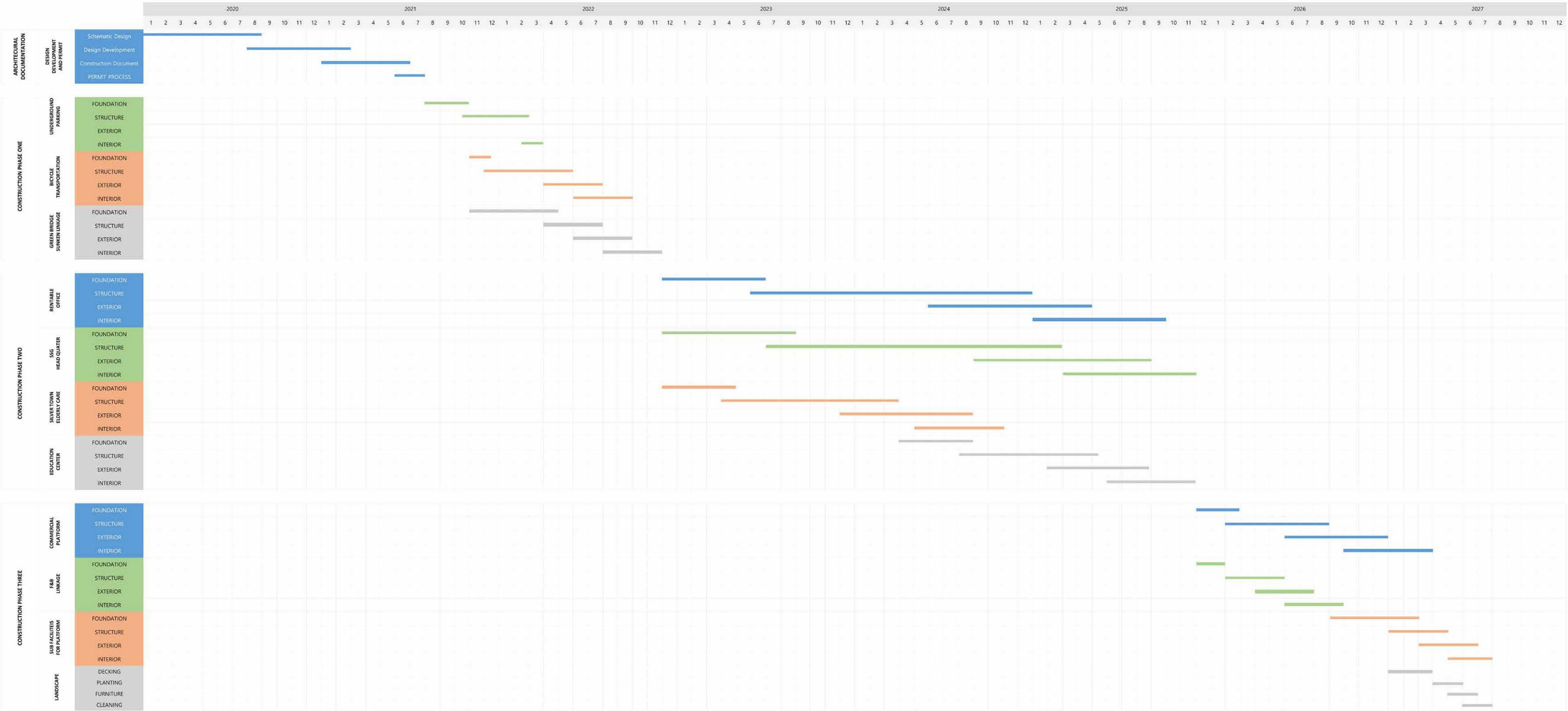


WINTER





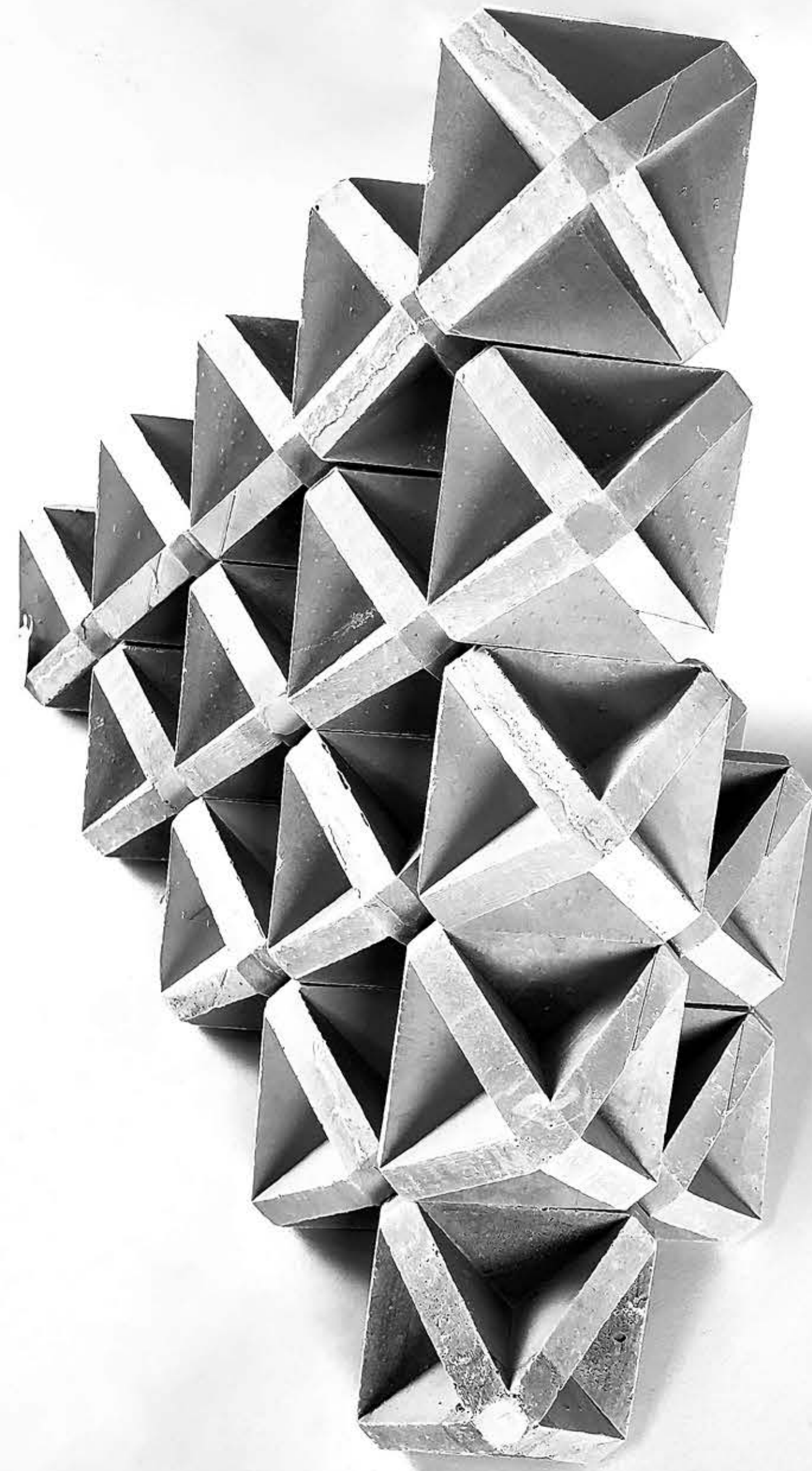
URBAN COMPOUND PROJECT SCHEDULE



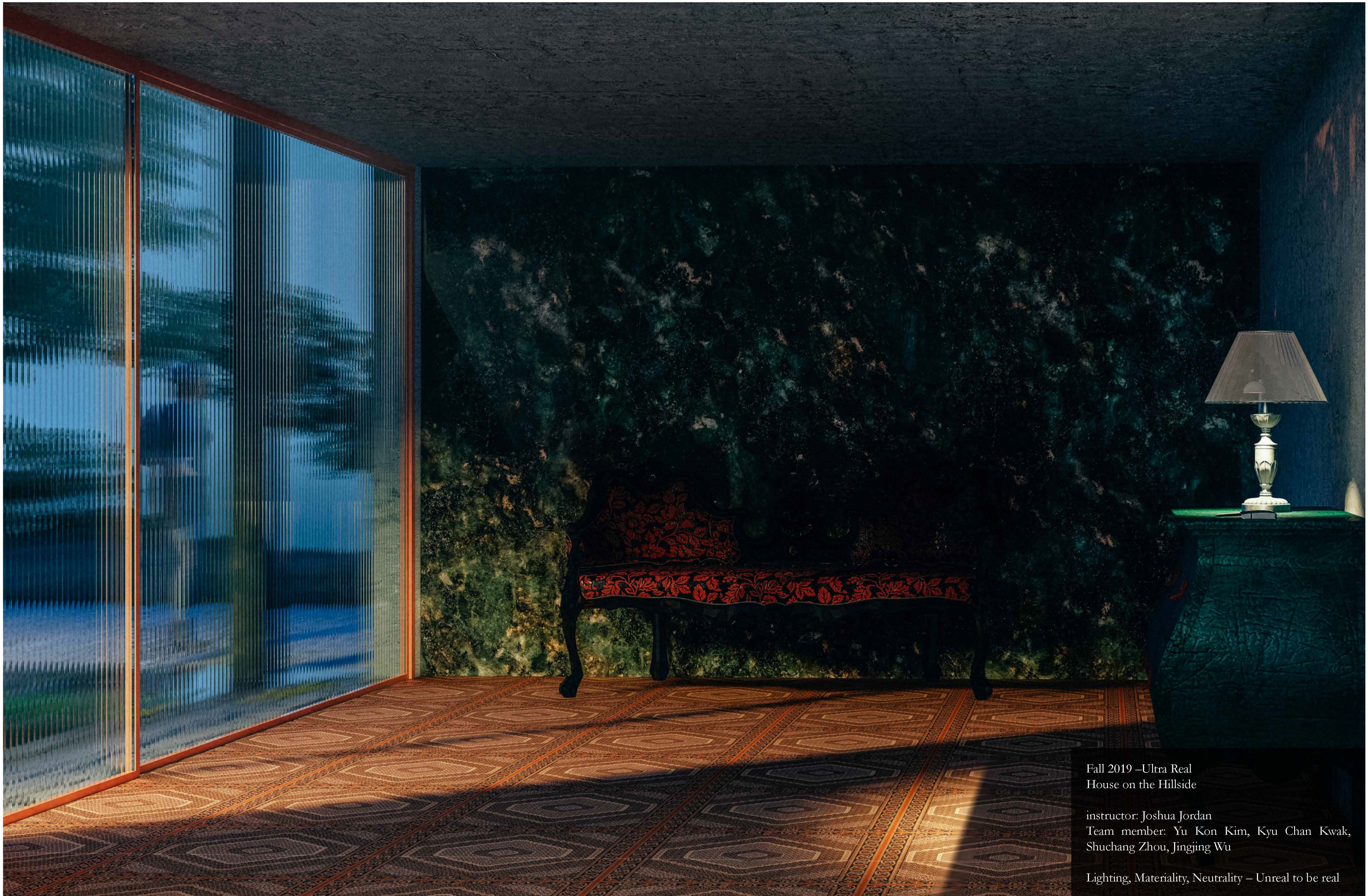
Fall 2019 –Transitional Geometries
The Growing Geometry

instructor: Joshua Jordan
Personal work

From the Mold to the Concrete Objet







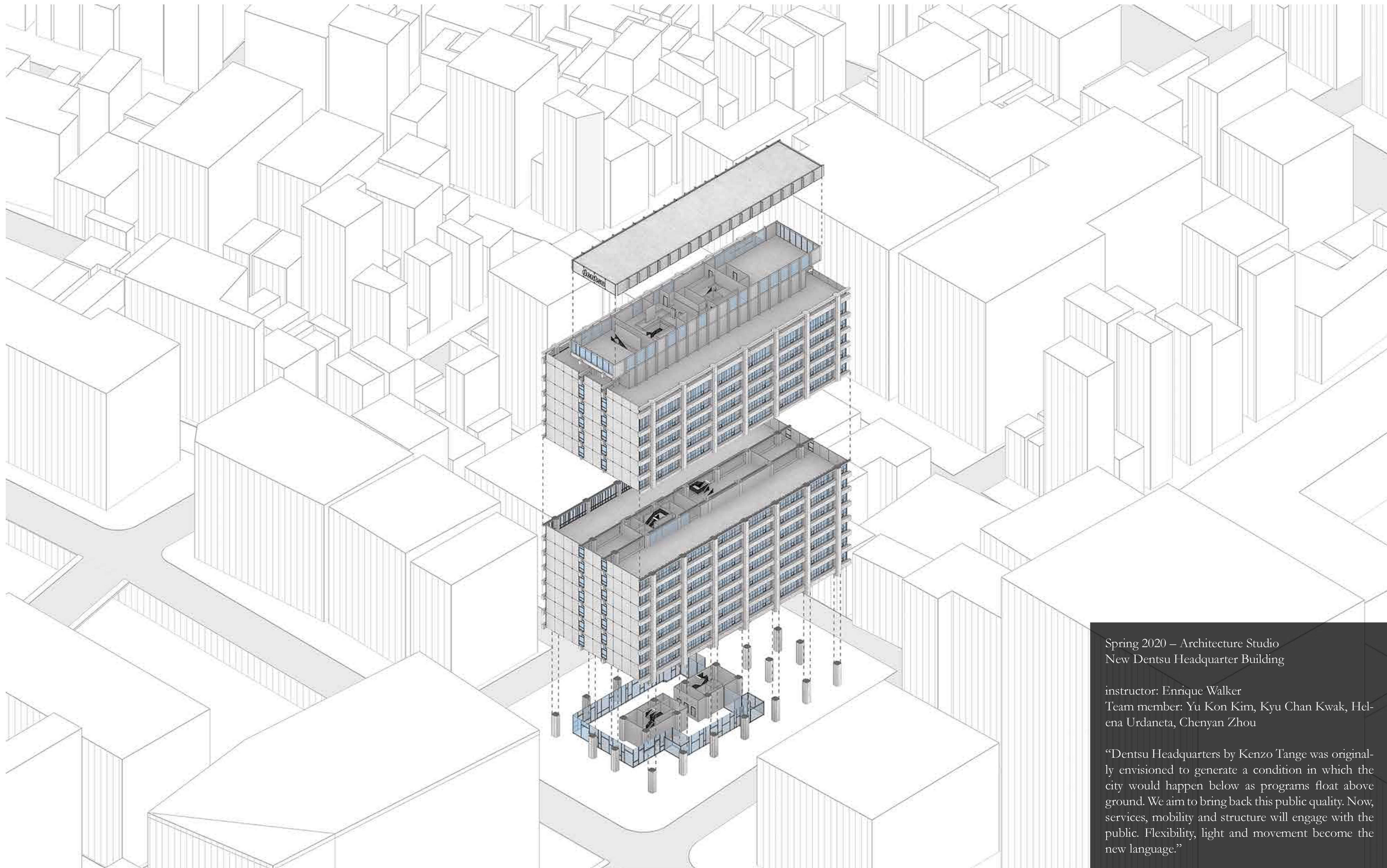
Fall 2019 –Ultra Real
House on the Hillside

instructor: Joshua Jordan
Team member: Yu Kon Kim, Kyu Chan Kwak,
Shuchang Zhou, Jingjing Wu

Lighting, Materiality, Neutrality – Unreal to be real



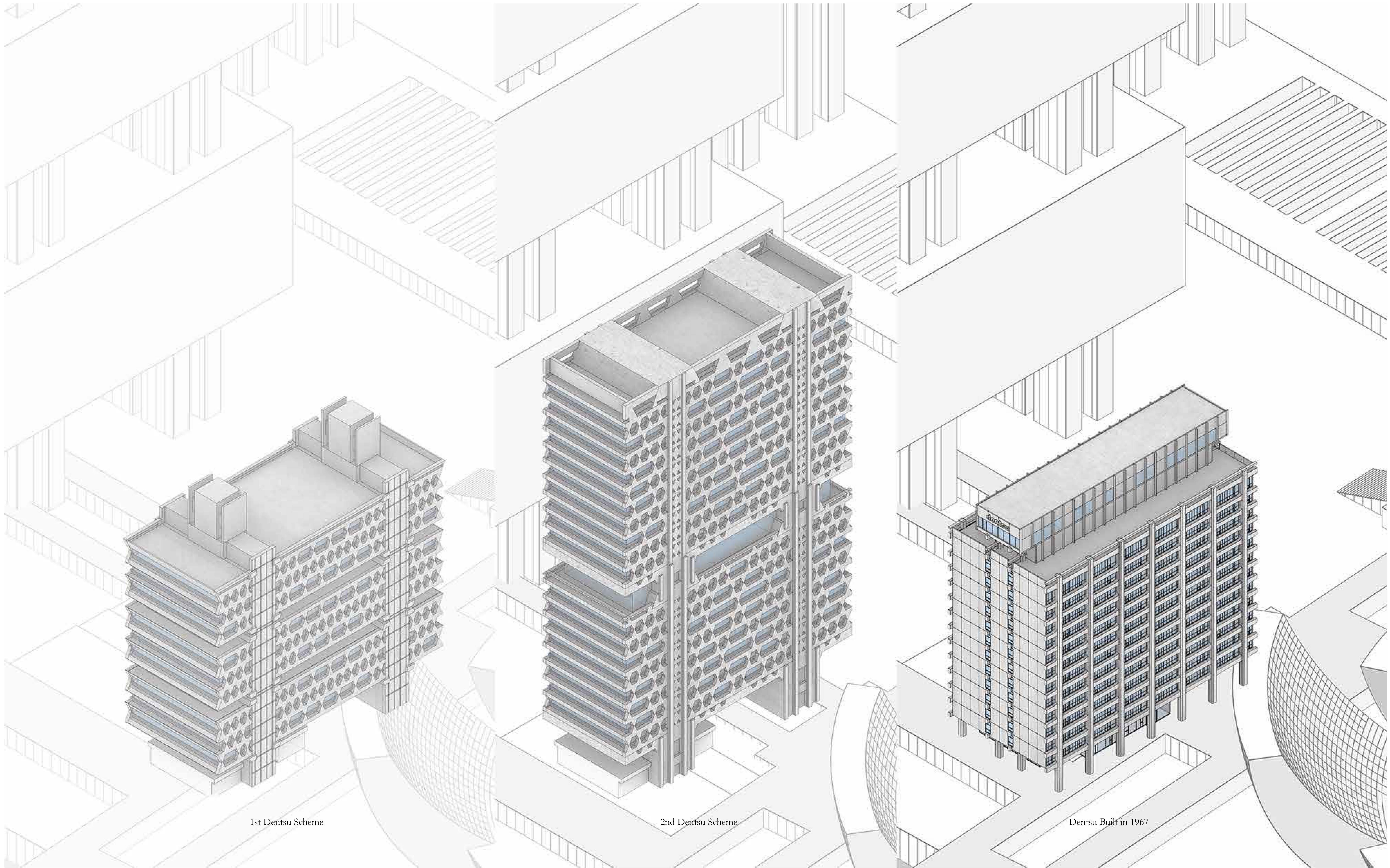




Spring 2020 – Architecture Studio
New Dentsu Headquarter Building

instructor: Enrique Walker
Team member: Yu Kon Kim, Kyu Chan Kwak, Helena Urdaneta, Chenyan Zhou

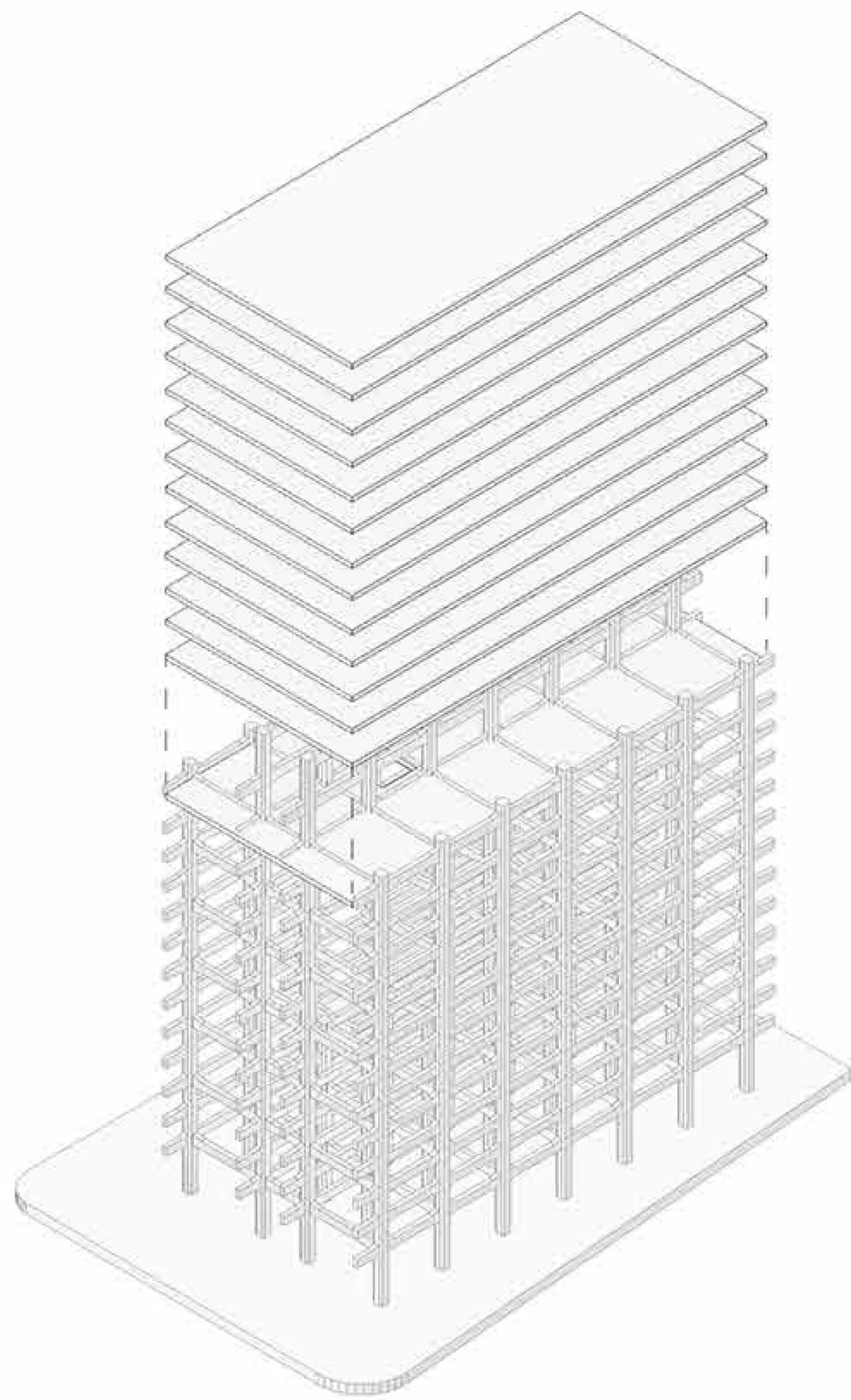
“Dentsu Headquarters by Kenzo Tange was originally envisioned to generate a condition in which the city would happen below as programs float above ground. We aim to bring back this public quality. Now, services, mobility and structure will engage with the public. Flexibility, light and movement become the new language.”



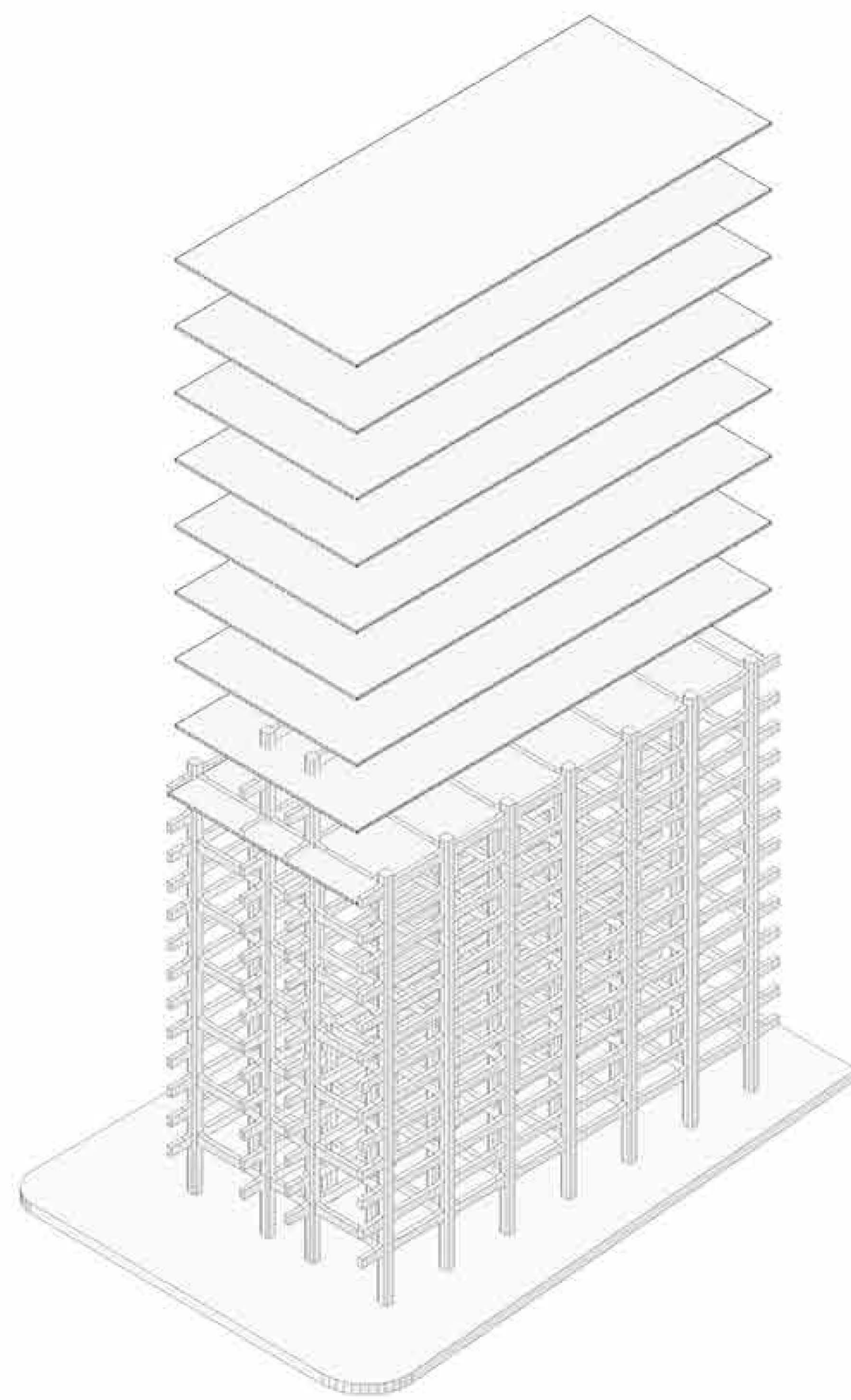
1st Dentsu Scheme

2nd Dentsu Scheme

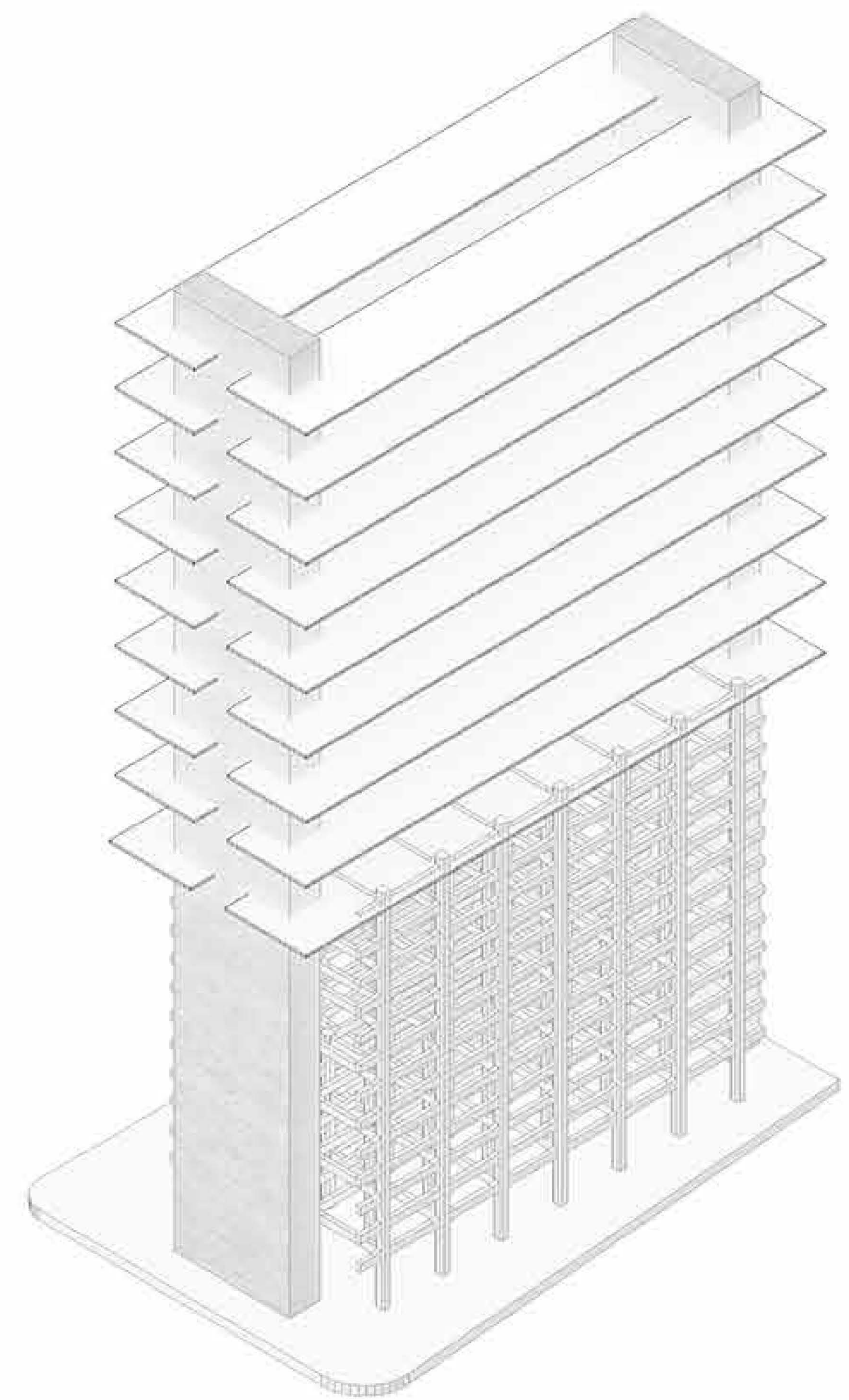
Dentsu Built in 1967



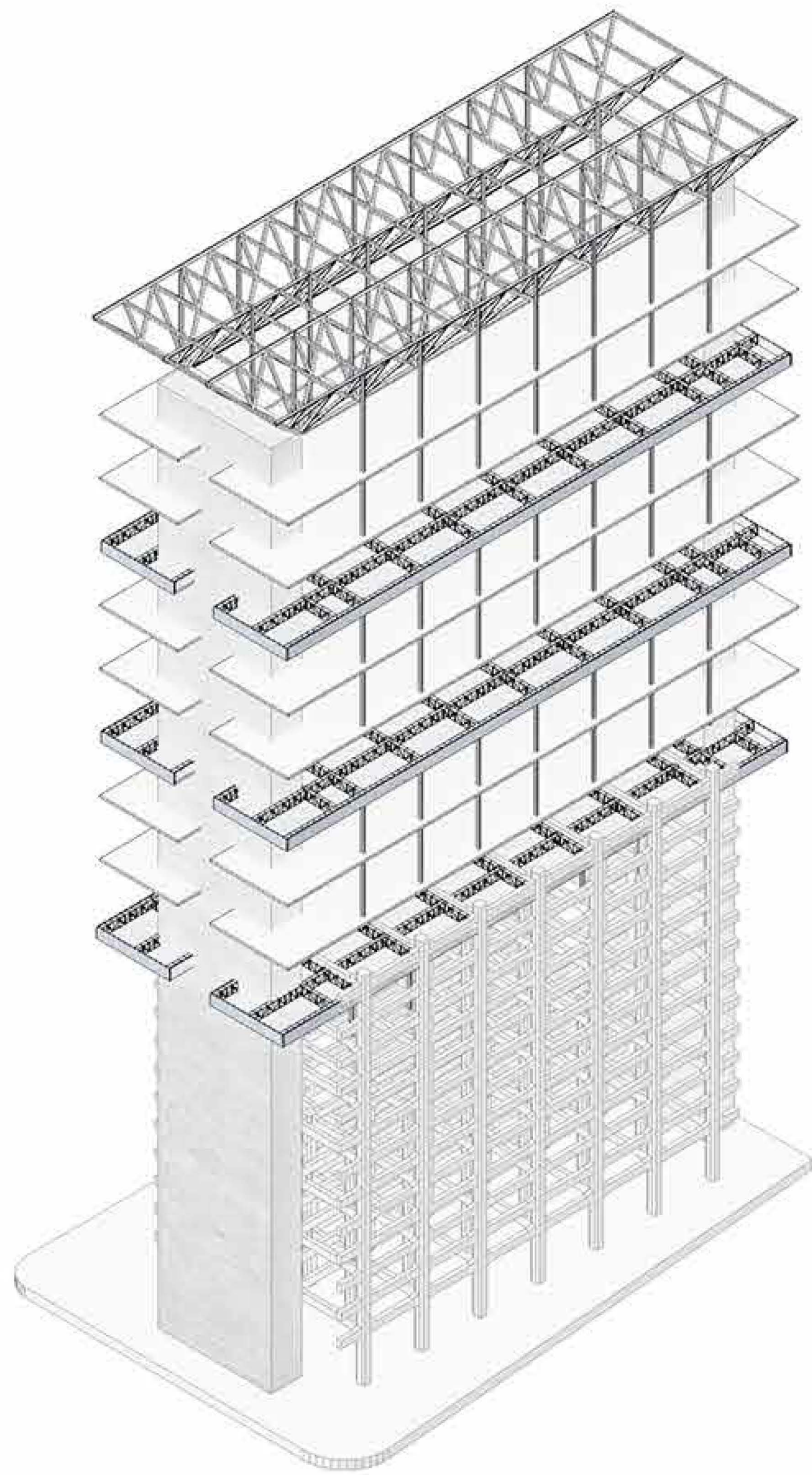
Doubling the Surface



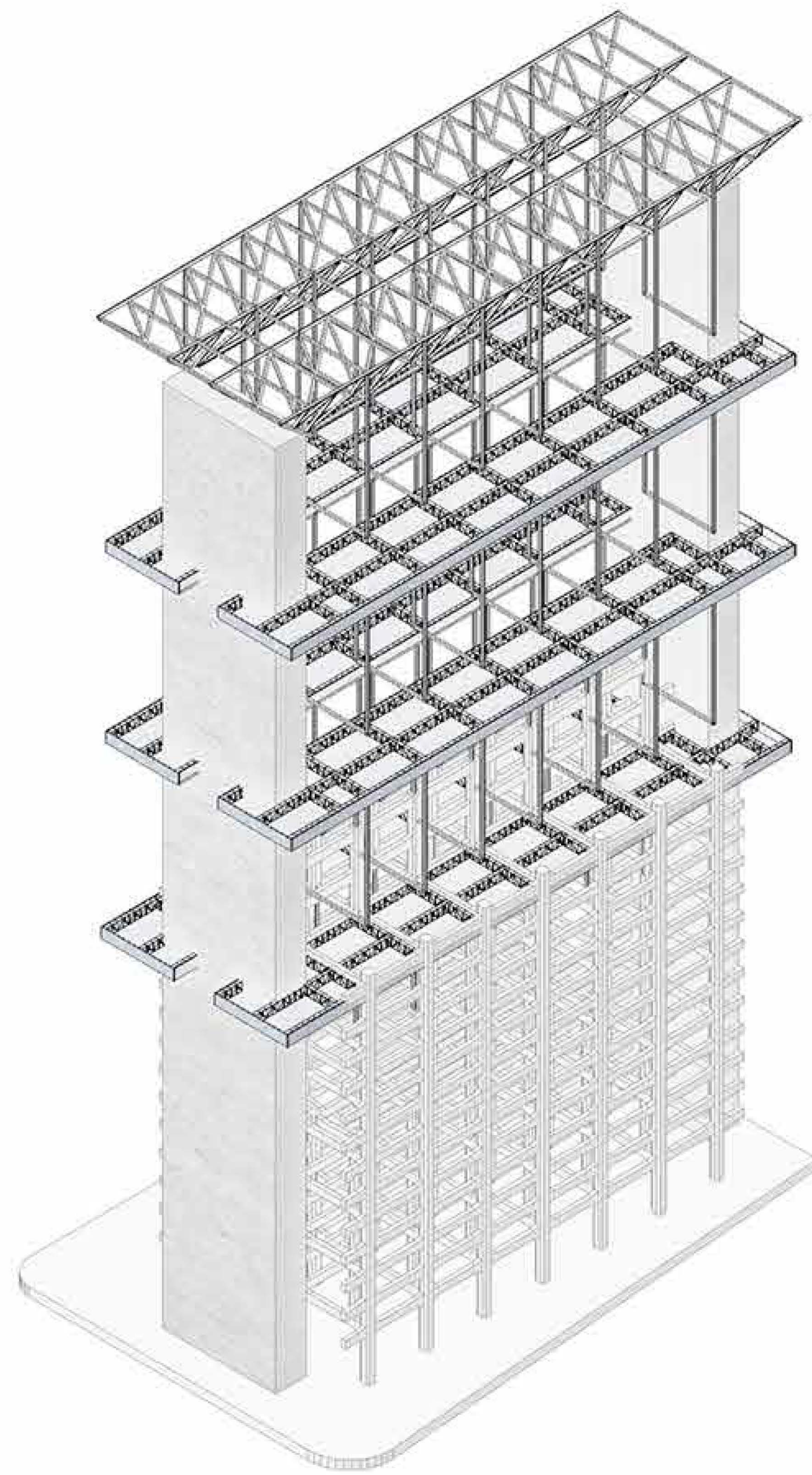
Doubling the Floor Height



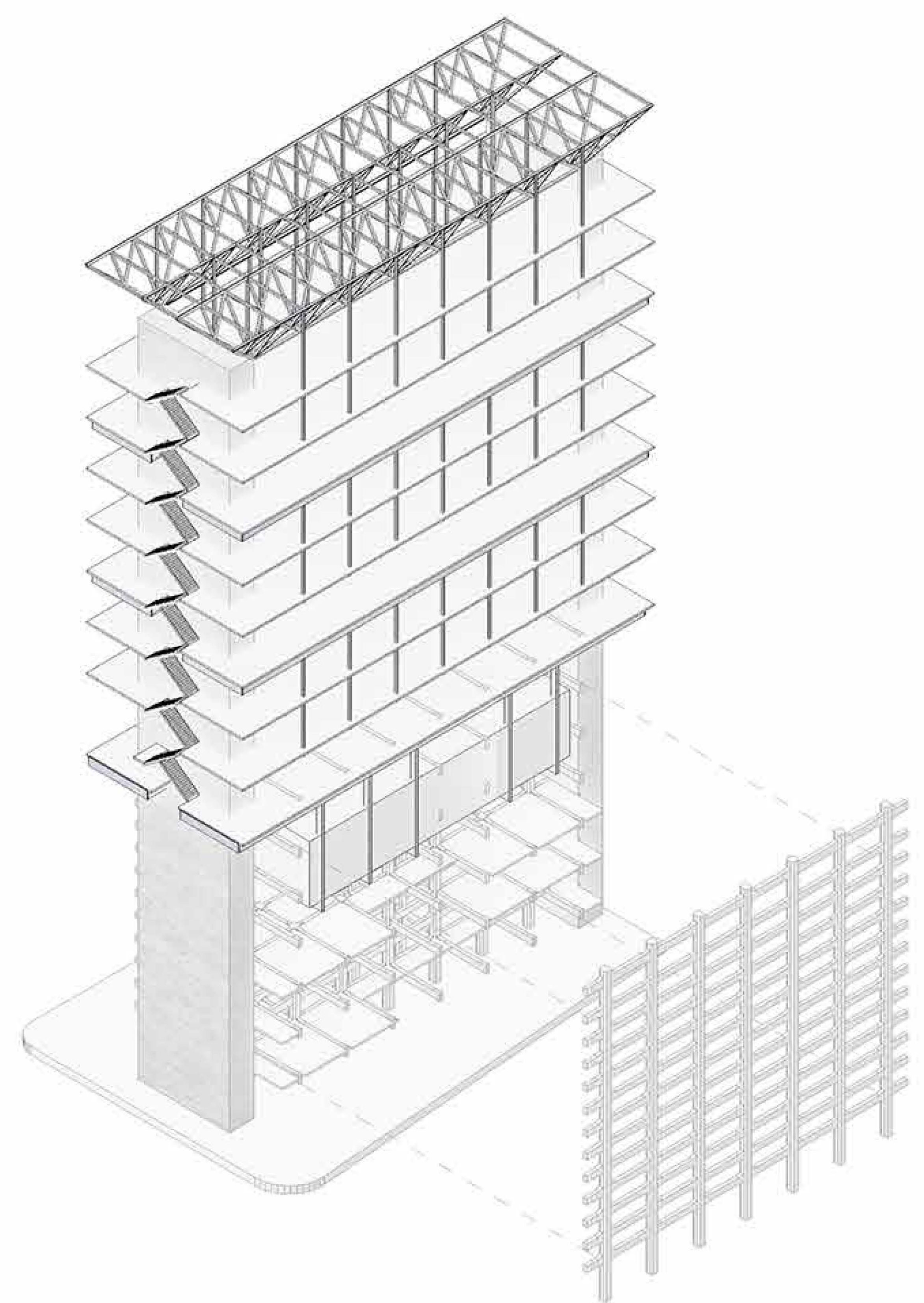
Skip the Floor



Propose Structure Plate Every Three Floor



Hang



Place a box

