



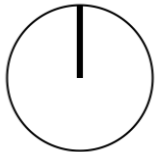
PLATFORM 259 RE-ASSEMBLED

COMMUNITARY FACILITIES FOR TBILISI

JULIO L. ENDARA
BORDERS & TERRITORIES
P5 PRESENTATION

1. CONCEPT AND RESEARCH

TBILISI - GEORGIA







MUTATIONS AND TRANSFORMATIONS

















COMPONENTS
&
ASSEMBLAGE
&
RE-ASSEMBLAGE

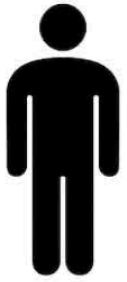
1.



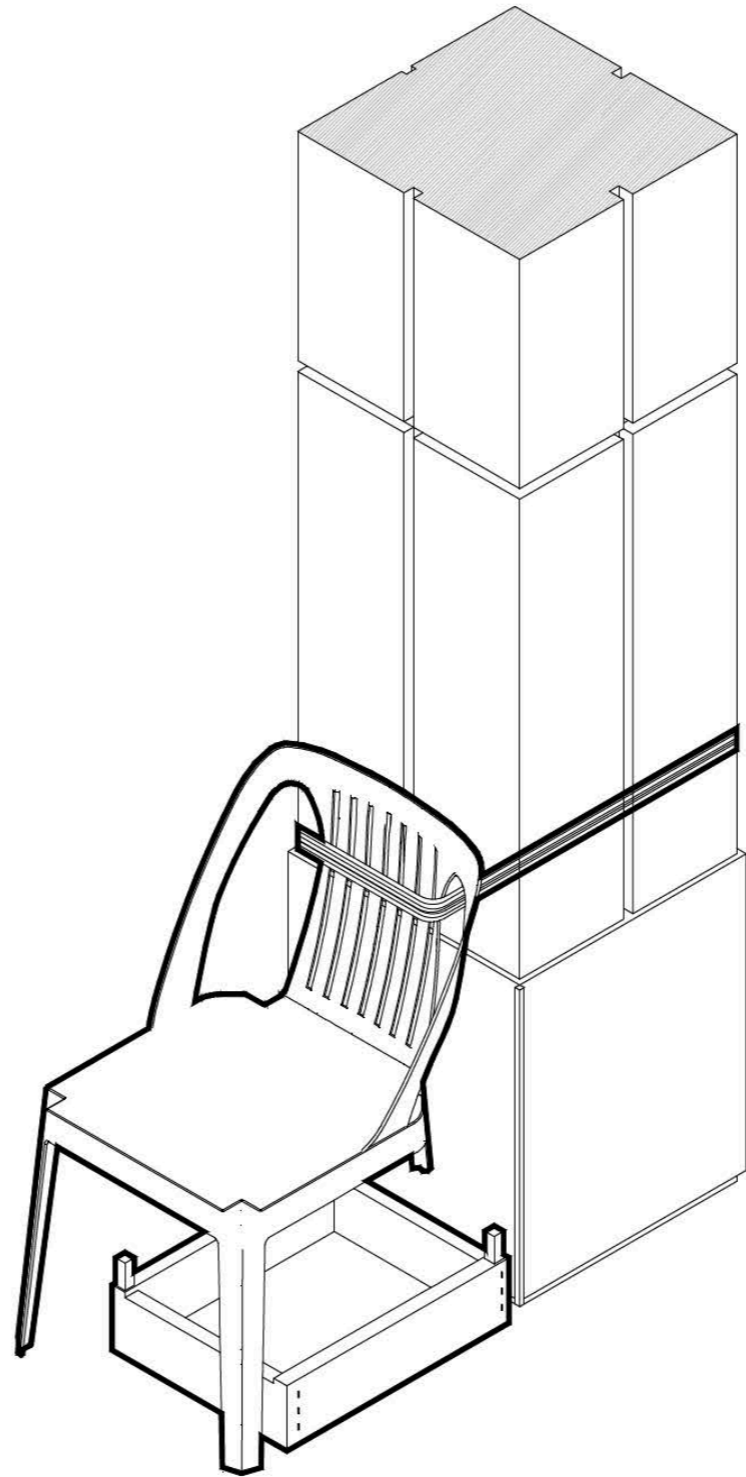
1

A.

RESTING PLACE
+
COLUMN



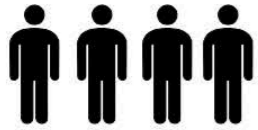
INDIVIDUAL NEED



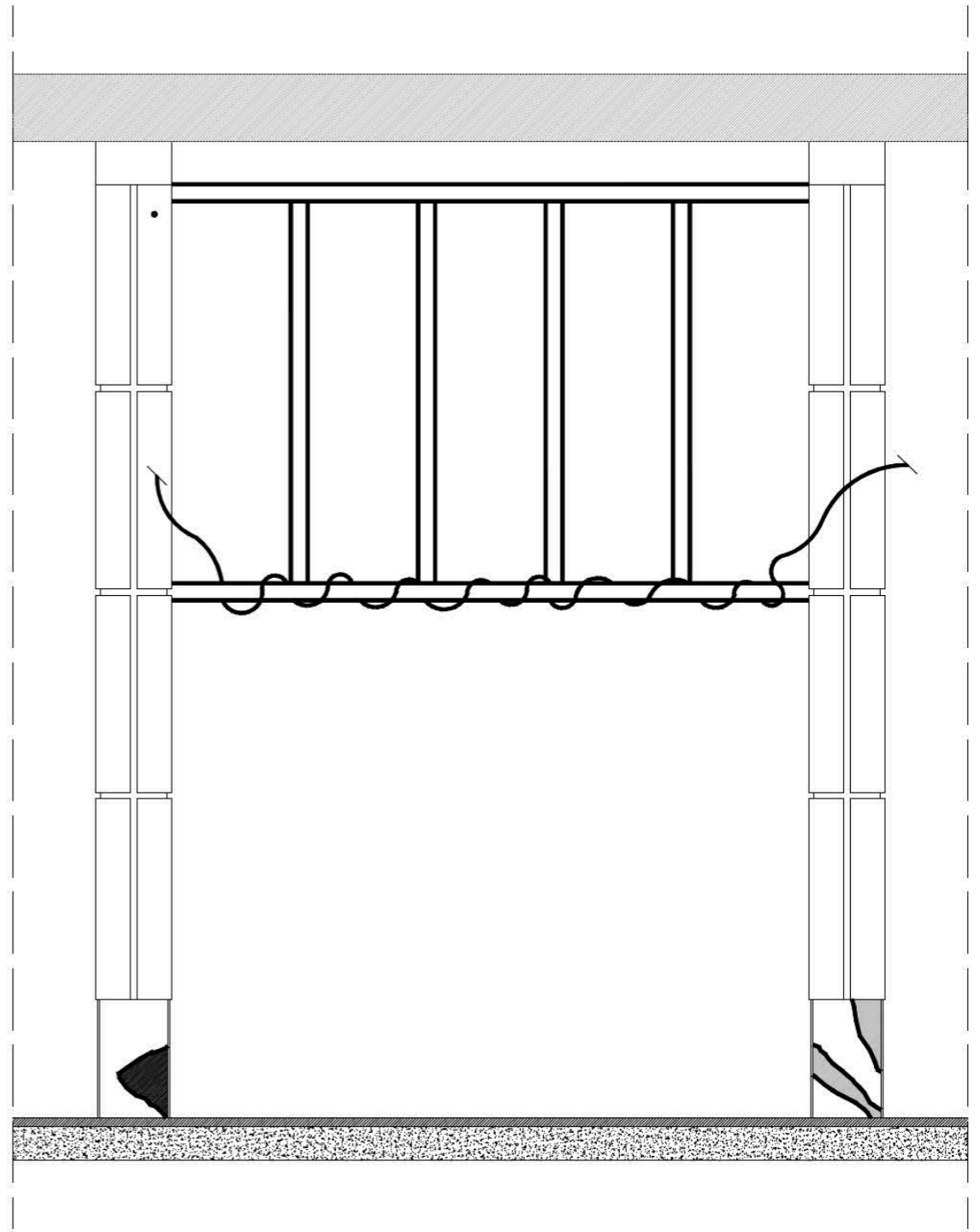
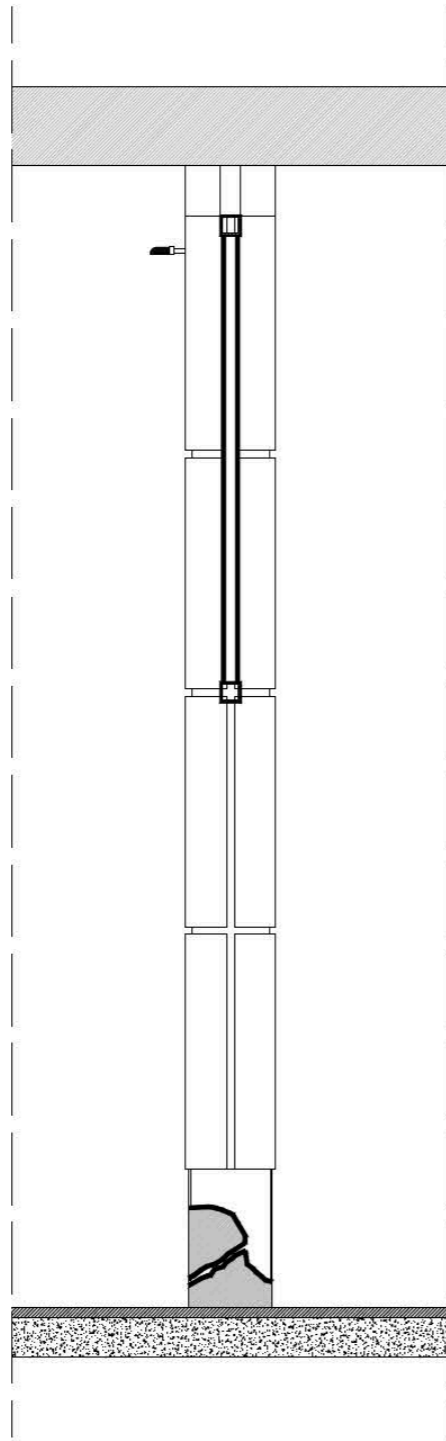
1

B.

PUBLICITY
PANEL
STRUCTURE



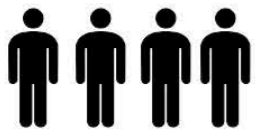
COLLECTIVE NEED



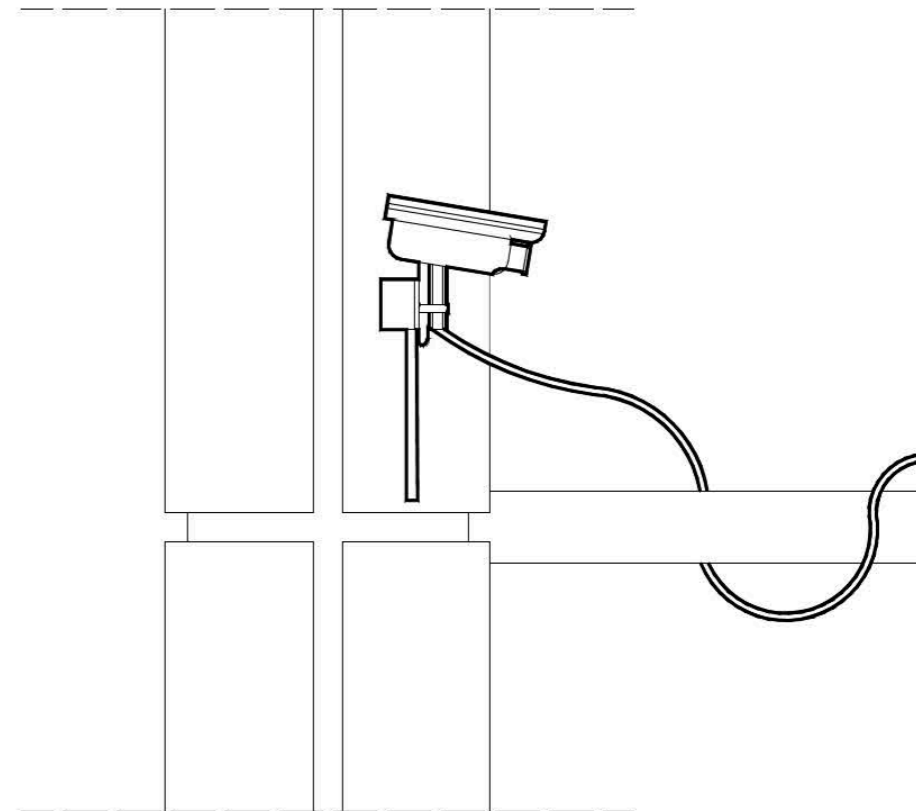
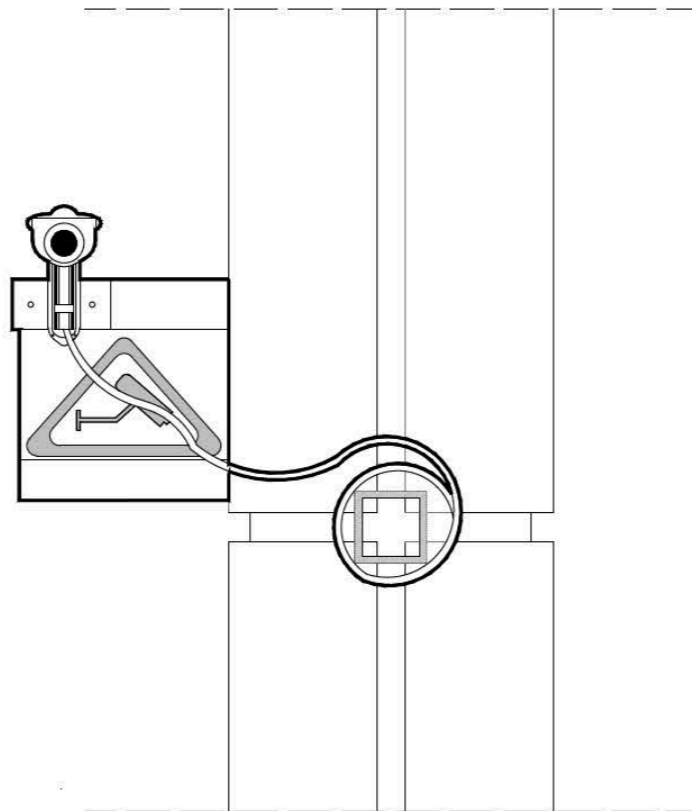
1

C.

SECURITY
CAMERA AND
CABLE



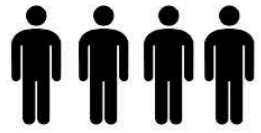
COLLECTIVE NEED



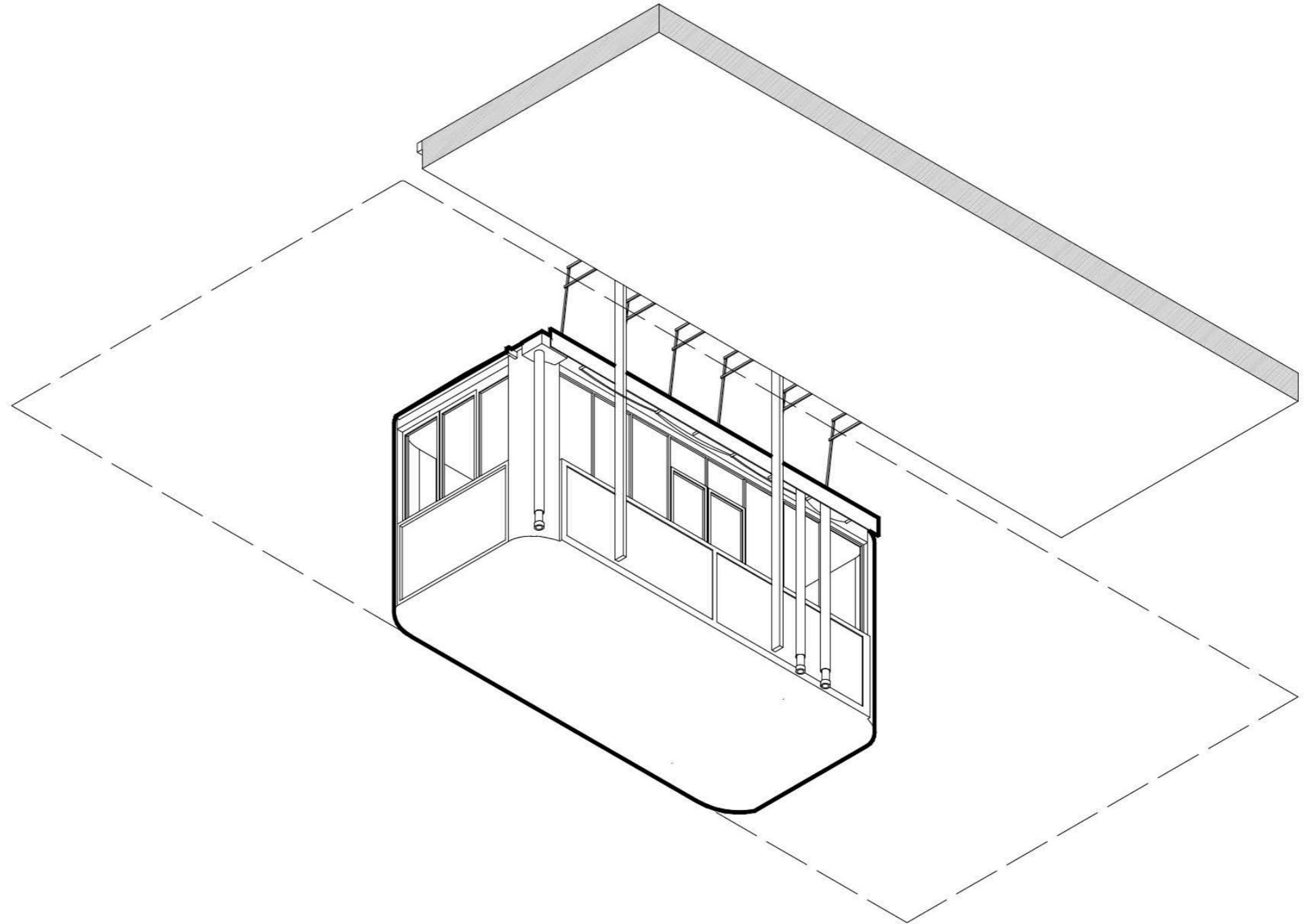
1

D.

COMMERCE
METAL SHOP



COLLECTIVE NEED



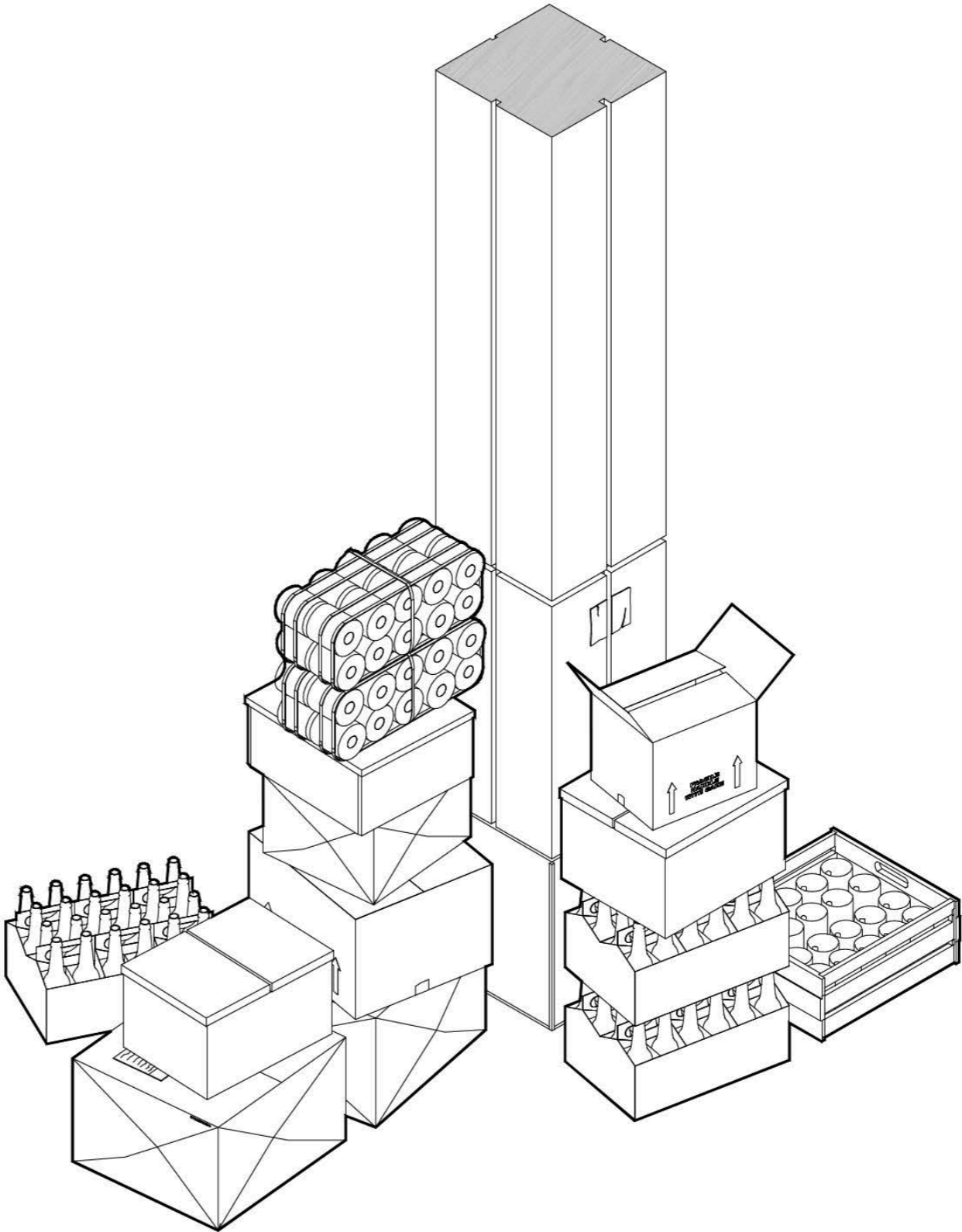
1

E.

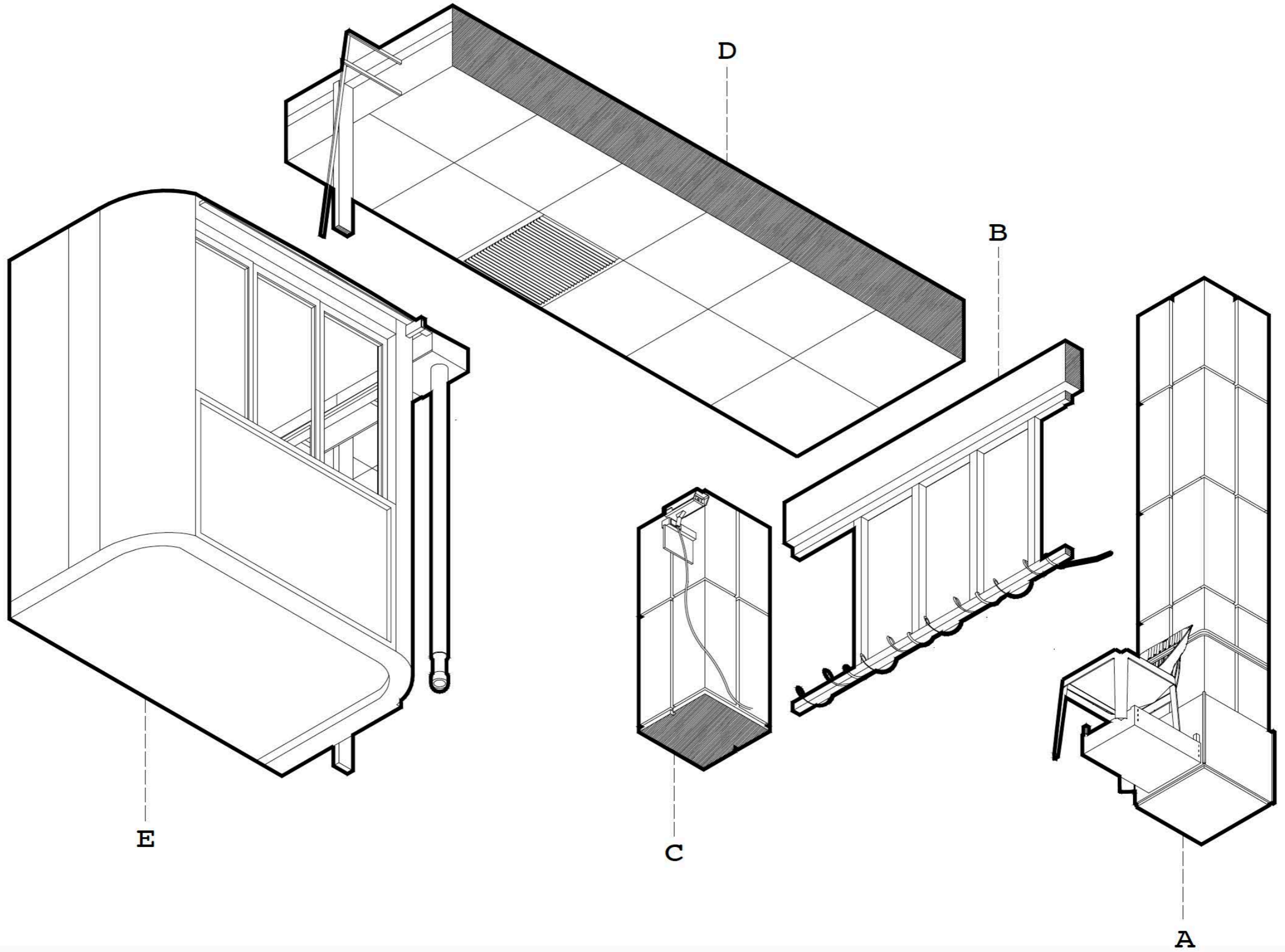
STORAGE SPACE



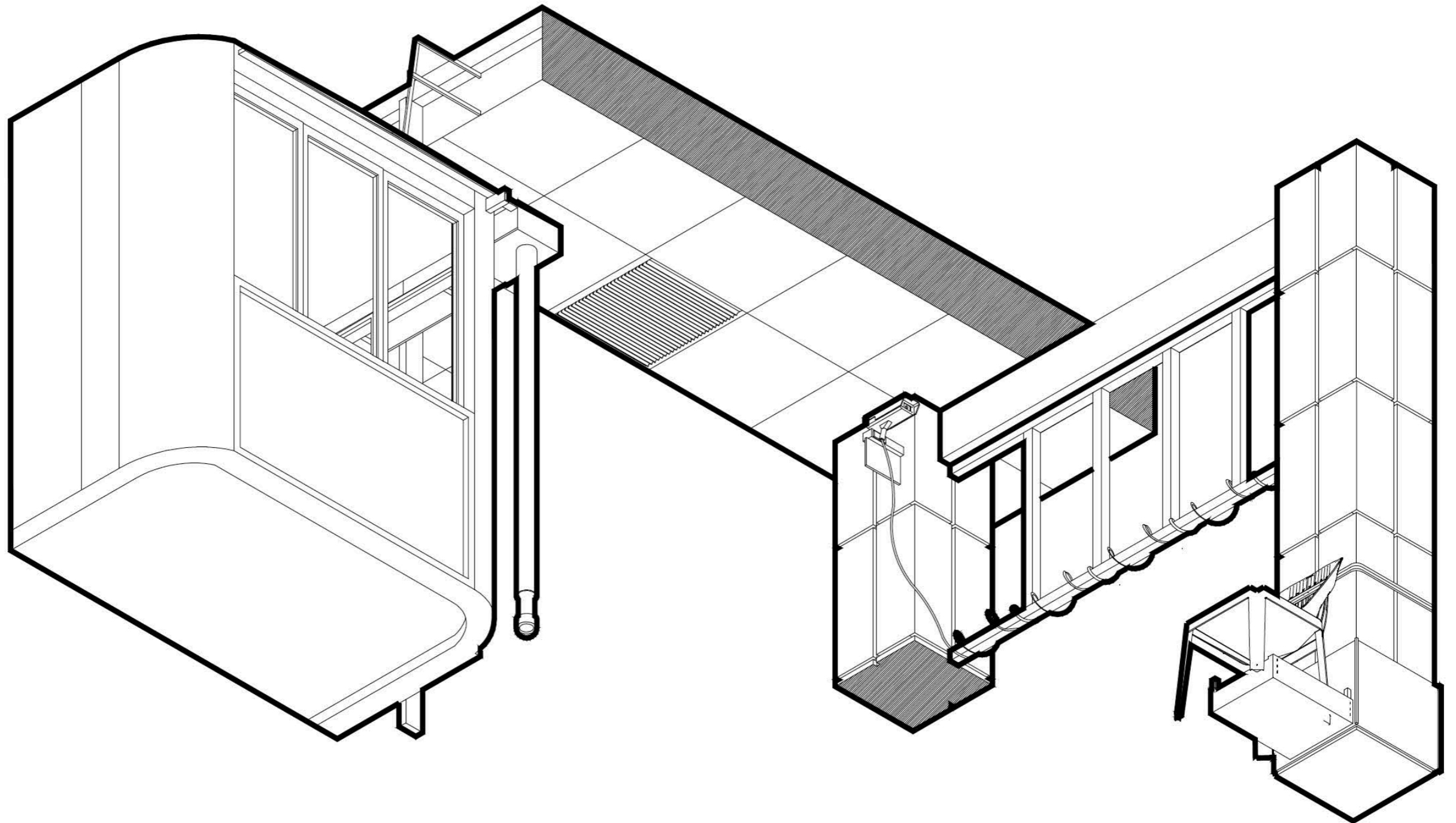
COLLECTIVE NEED



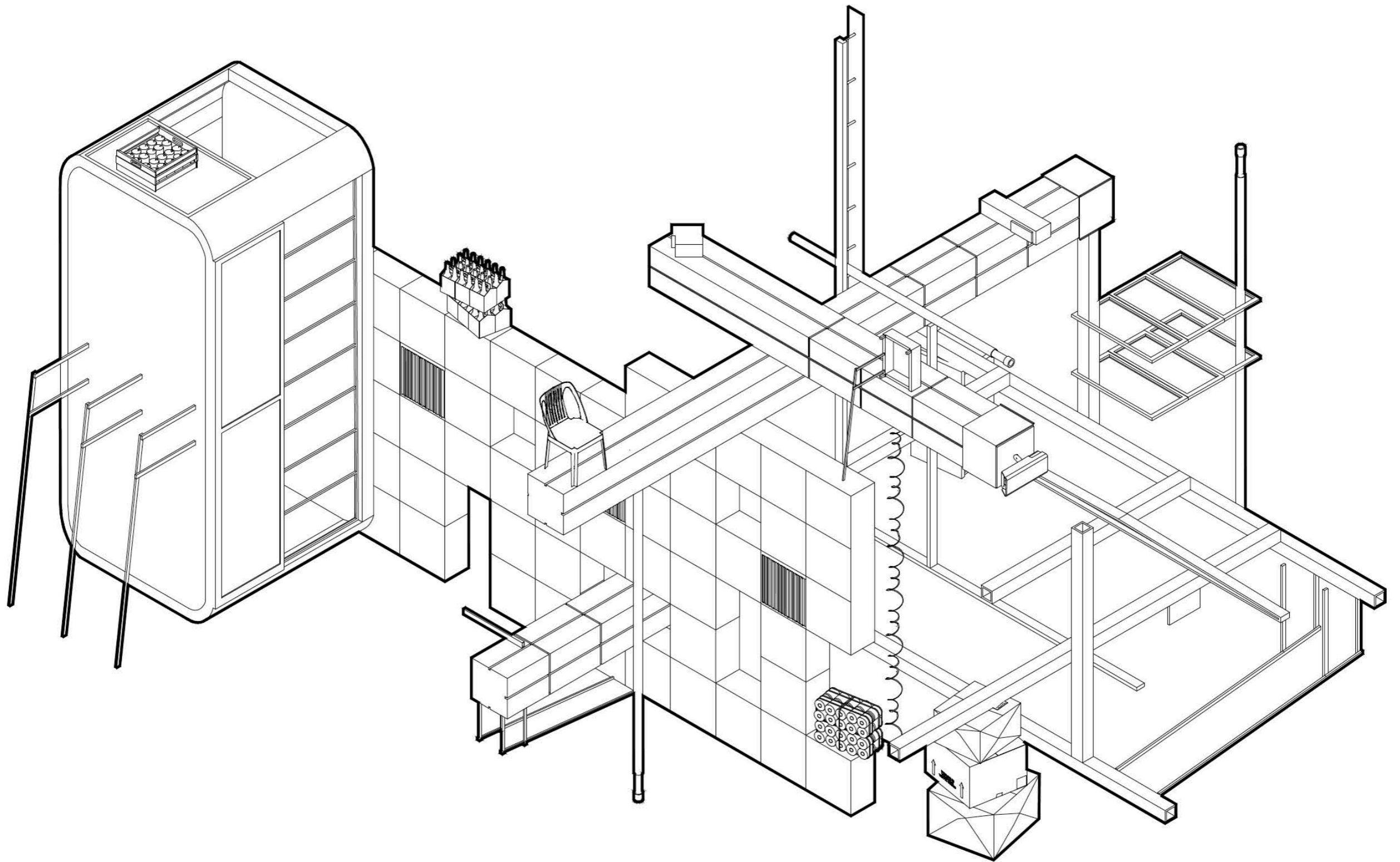
EXPLODED COMPONENTS



ASSEMBLAGE



RE-ASSEMBLAGE



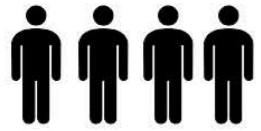
5.



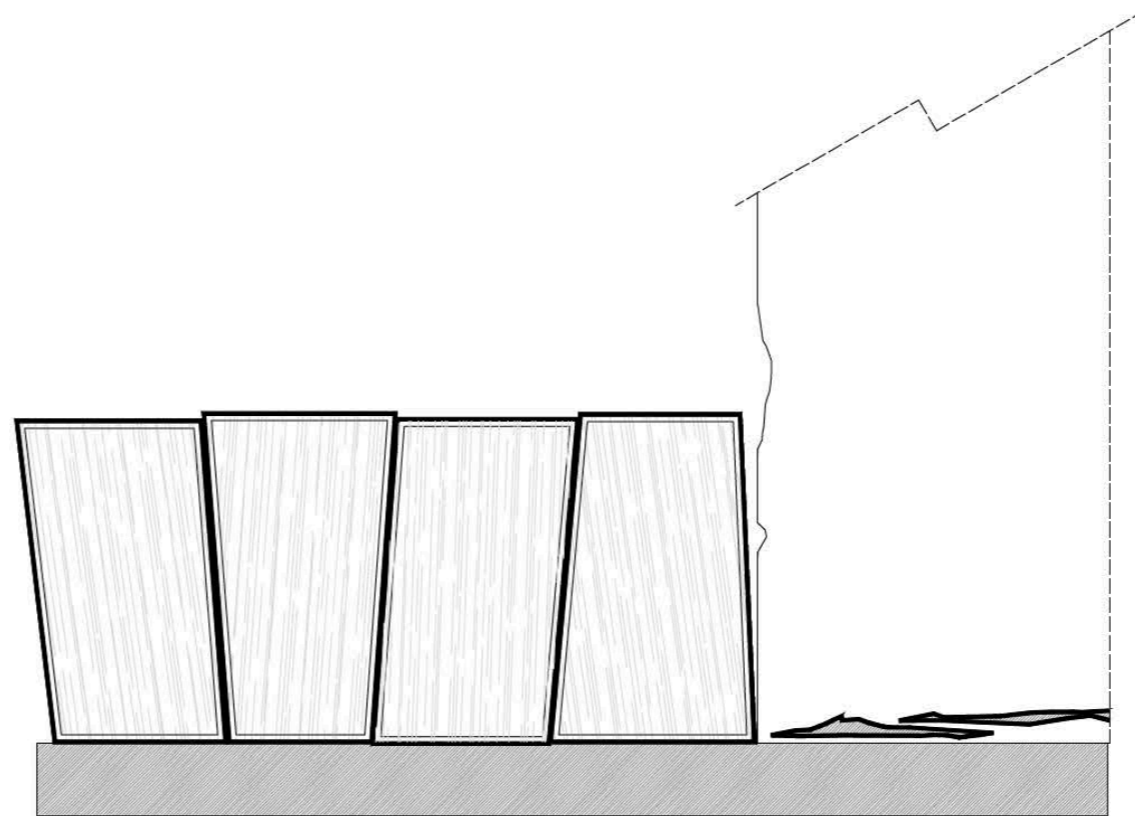
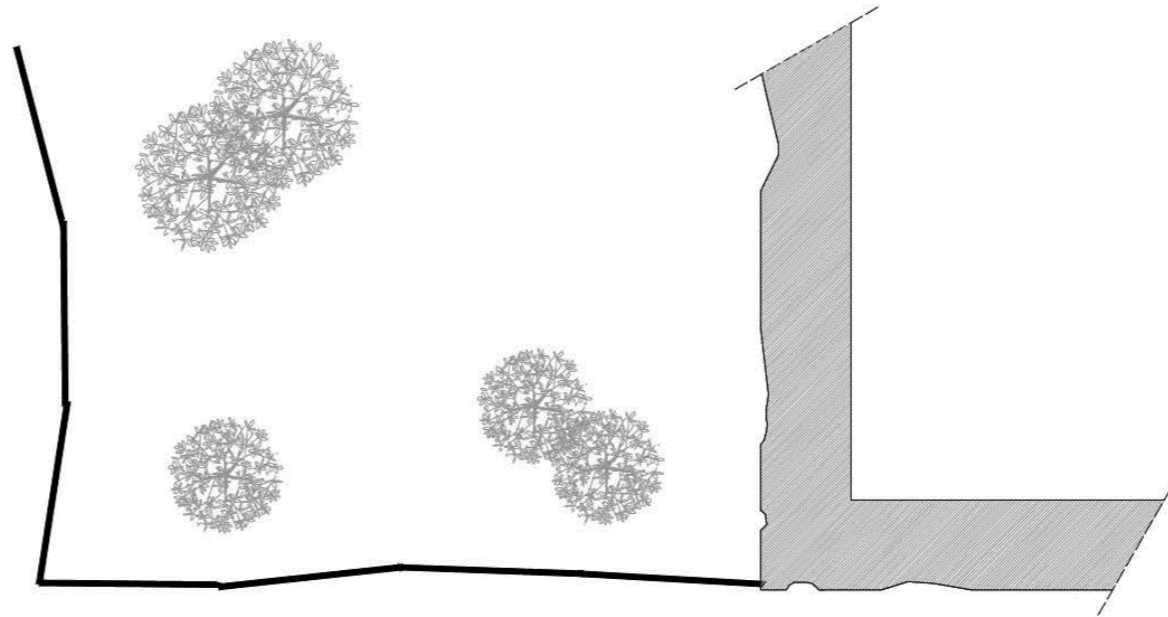
5

A.

METAL FENCE



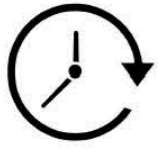
COLLECTIVE NEED



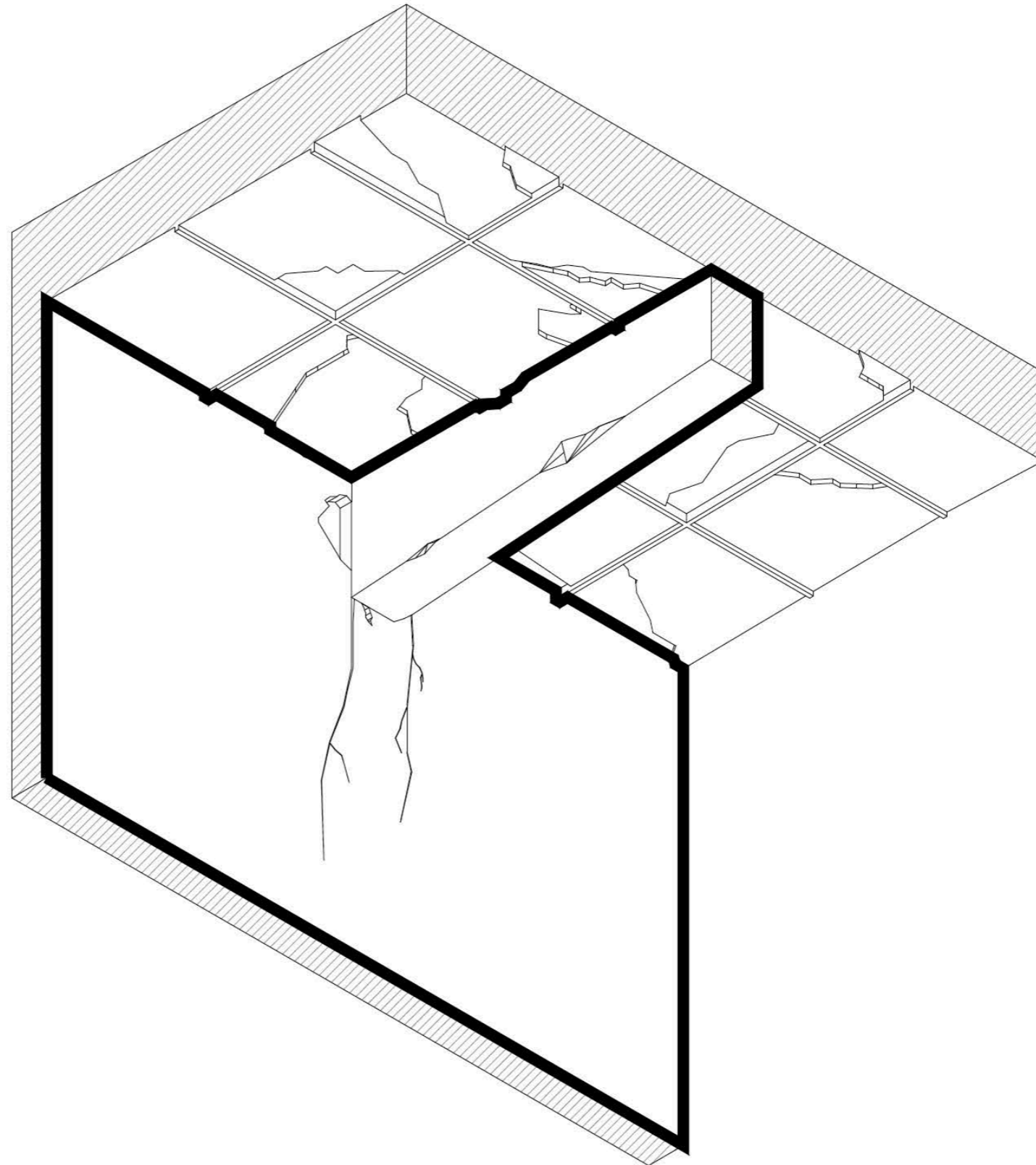
5

B.

DESTROYED CEILING
+ BEAM



BY TIME OR
ABANDONMENT



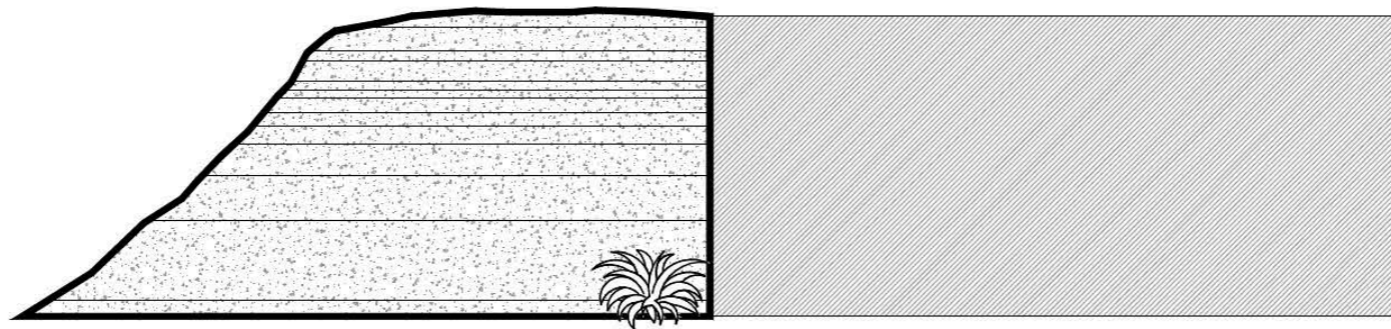
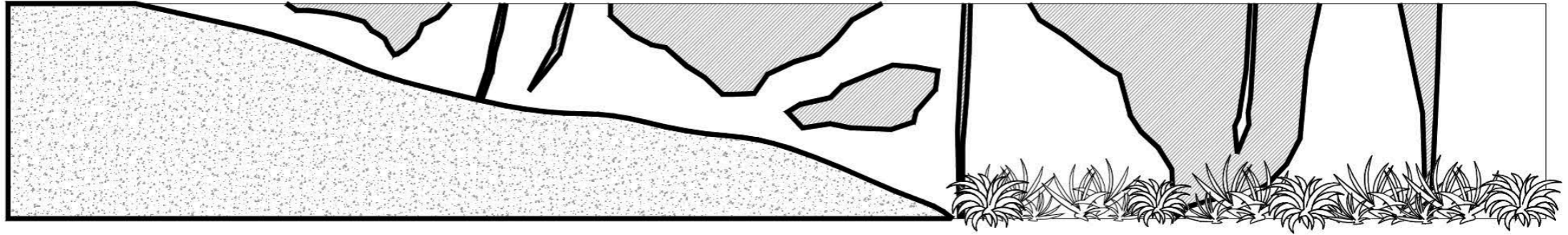
5

C.

SOIL RAMP



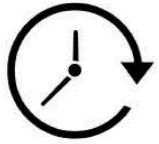
INDIVIDUAL NEED



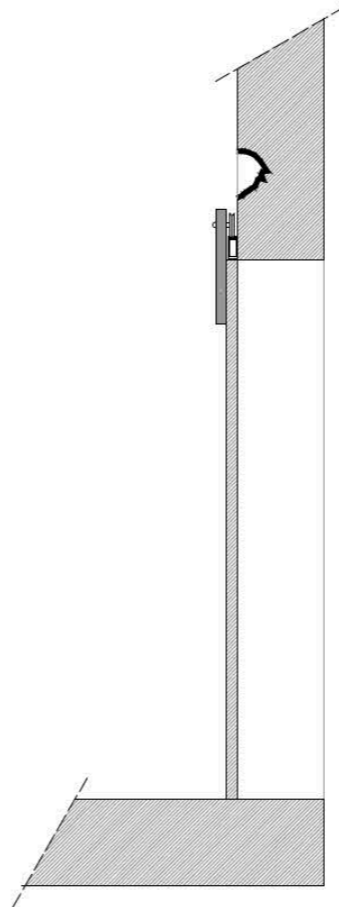
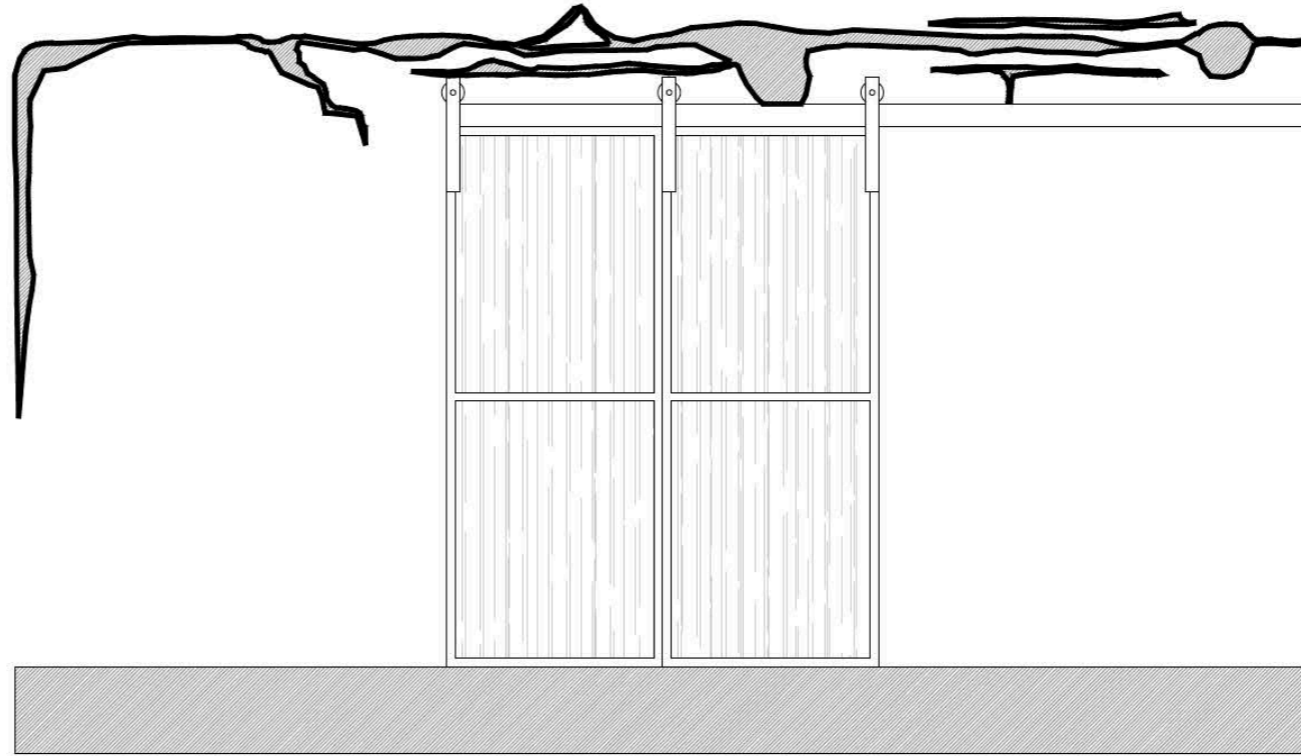
5

D.

STATION DOORS



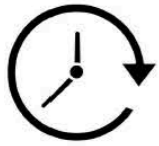
BY TIME OR
ABANDONMENT



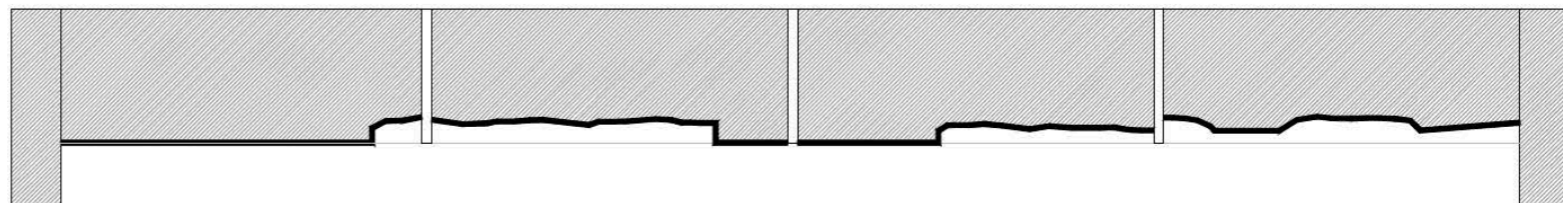
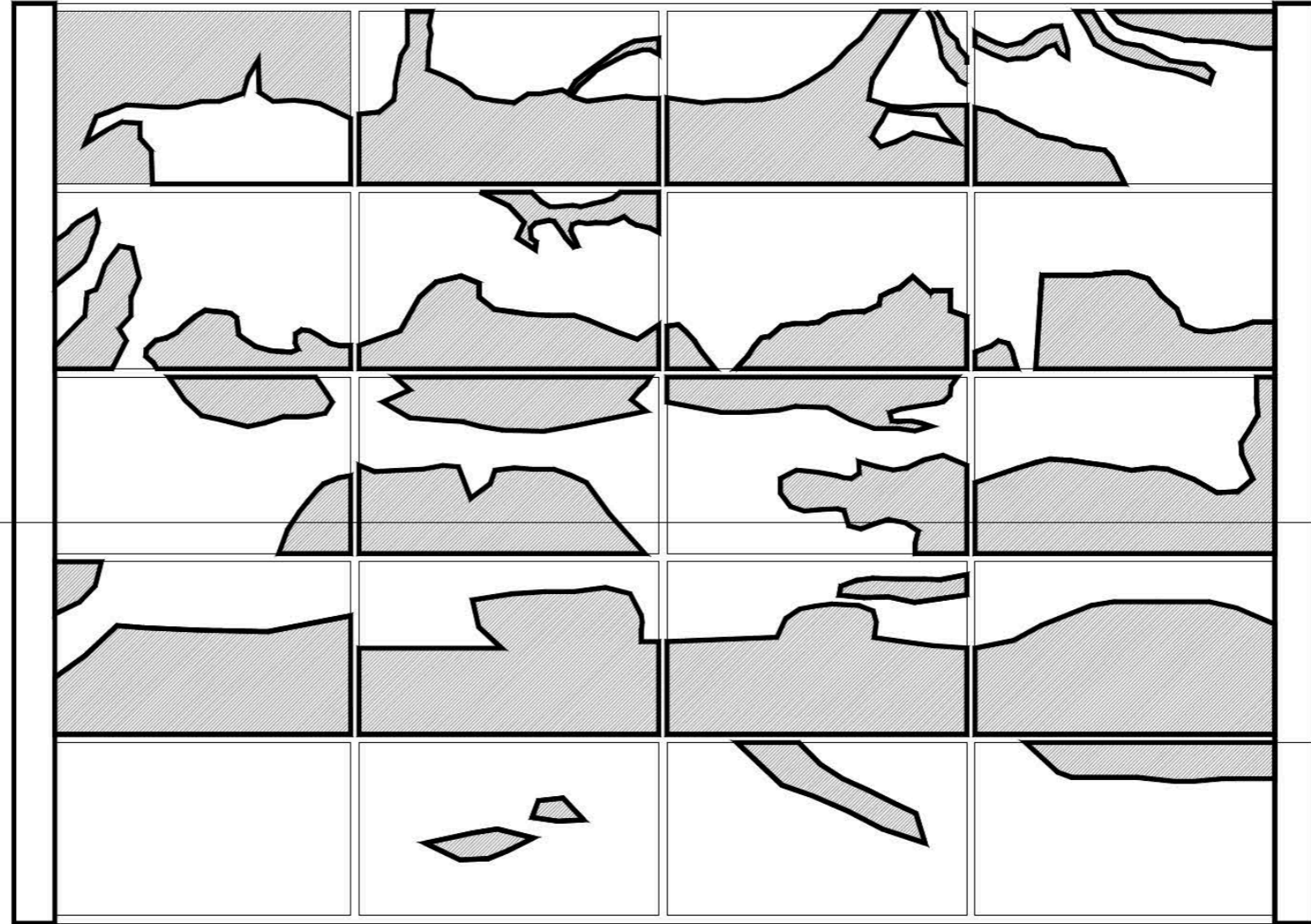
5

E.

DESTROYED CEILING



BY TIME OR
ABANDONMENT



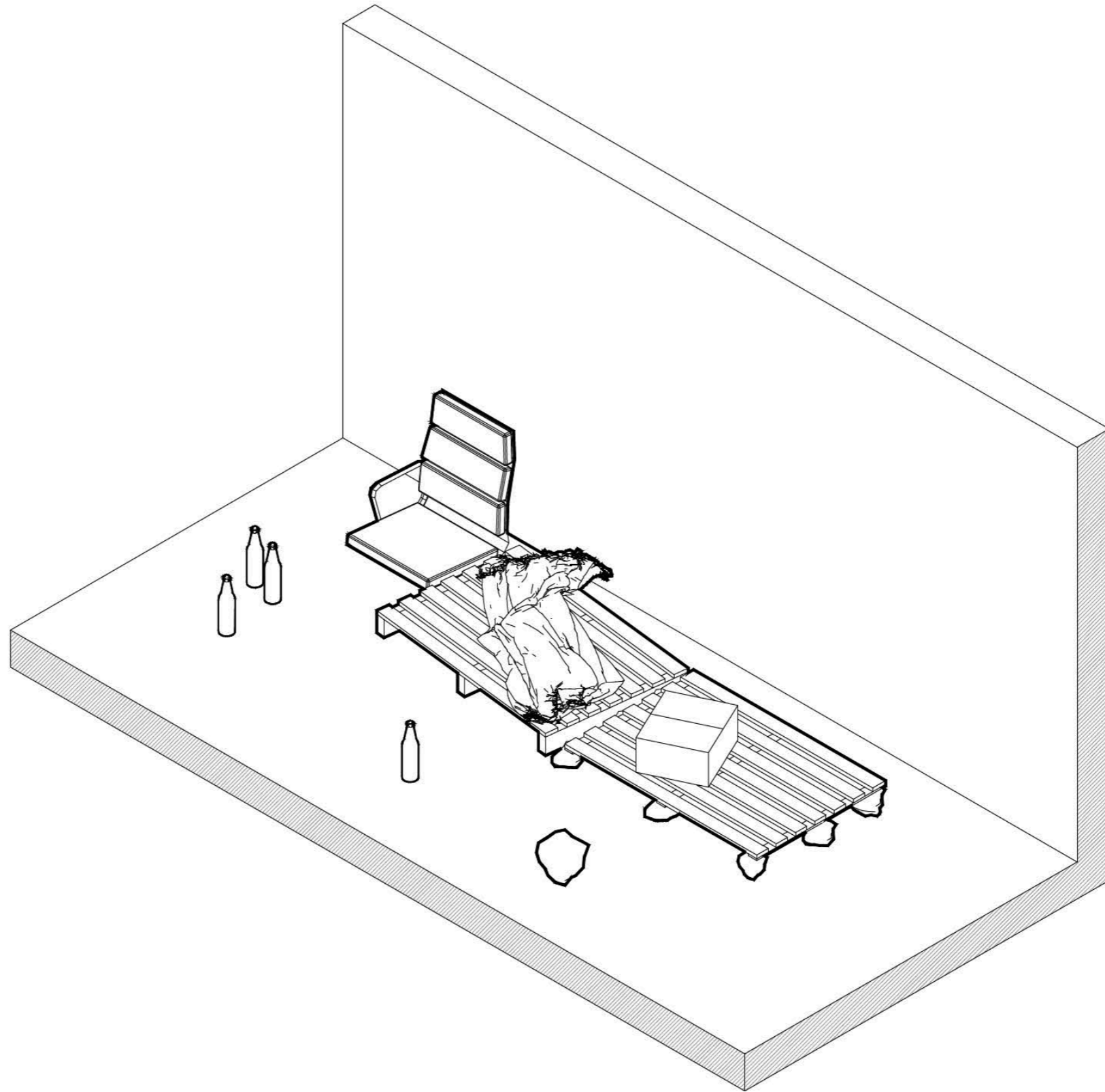
5

F.

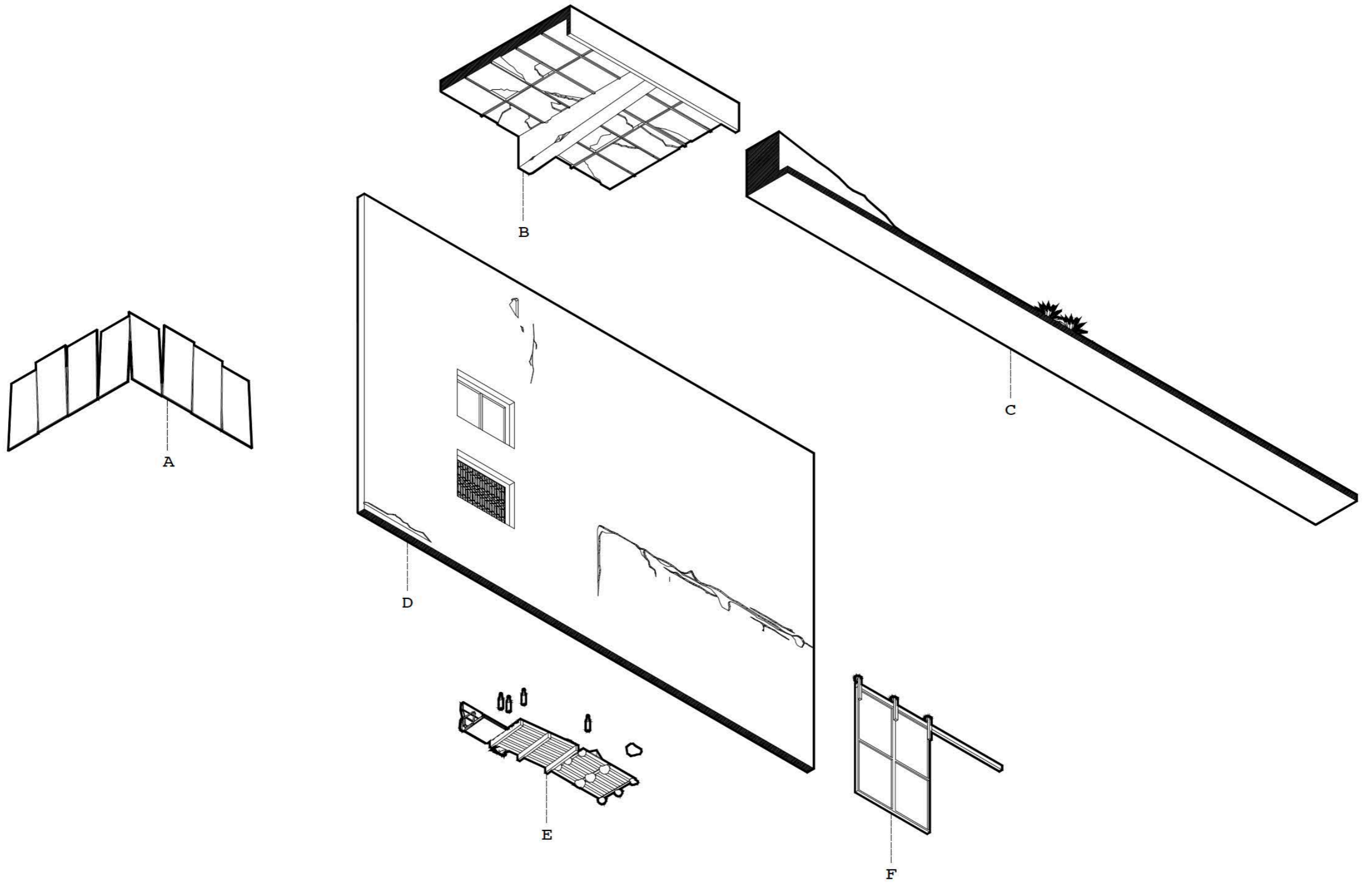
INFORMAL OCCUPATION



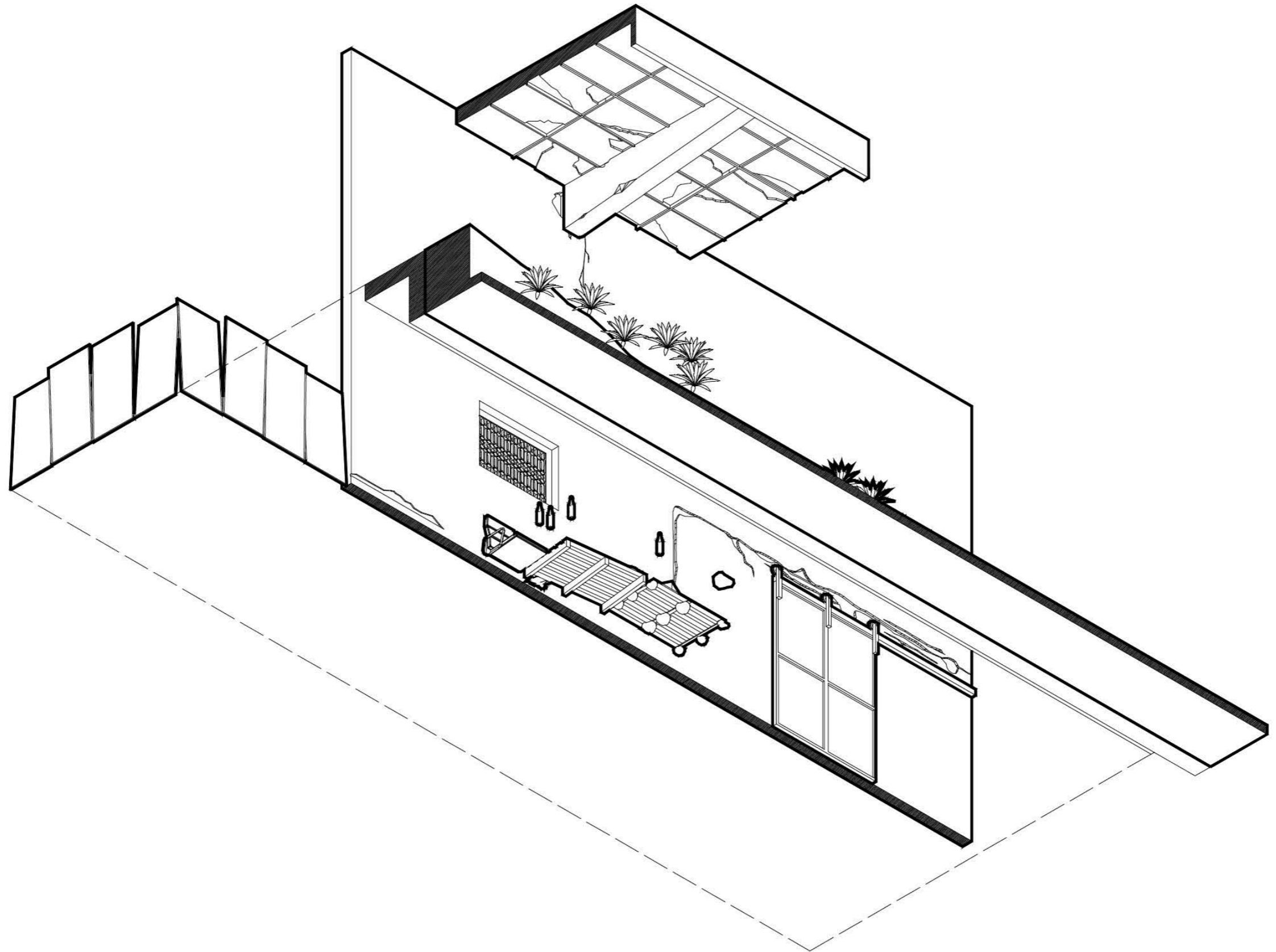
INDIVIDUAL NEED



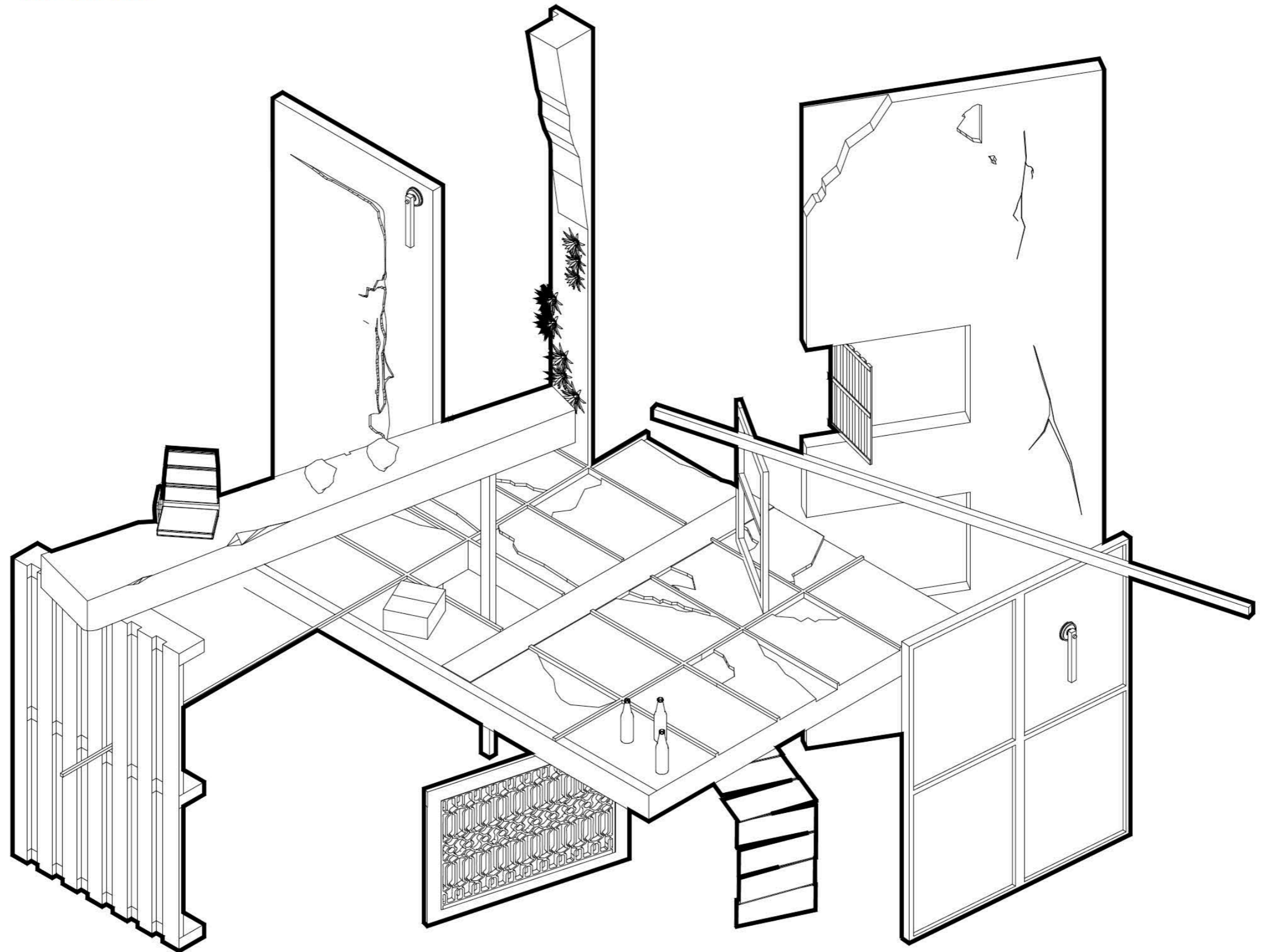
EXPLODED COMPONENTS



ASSEMBLAGE



RE-ASSEMBLAGE



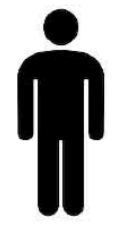
8.



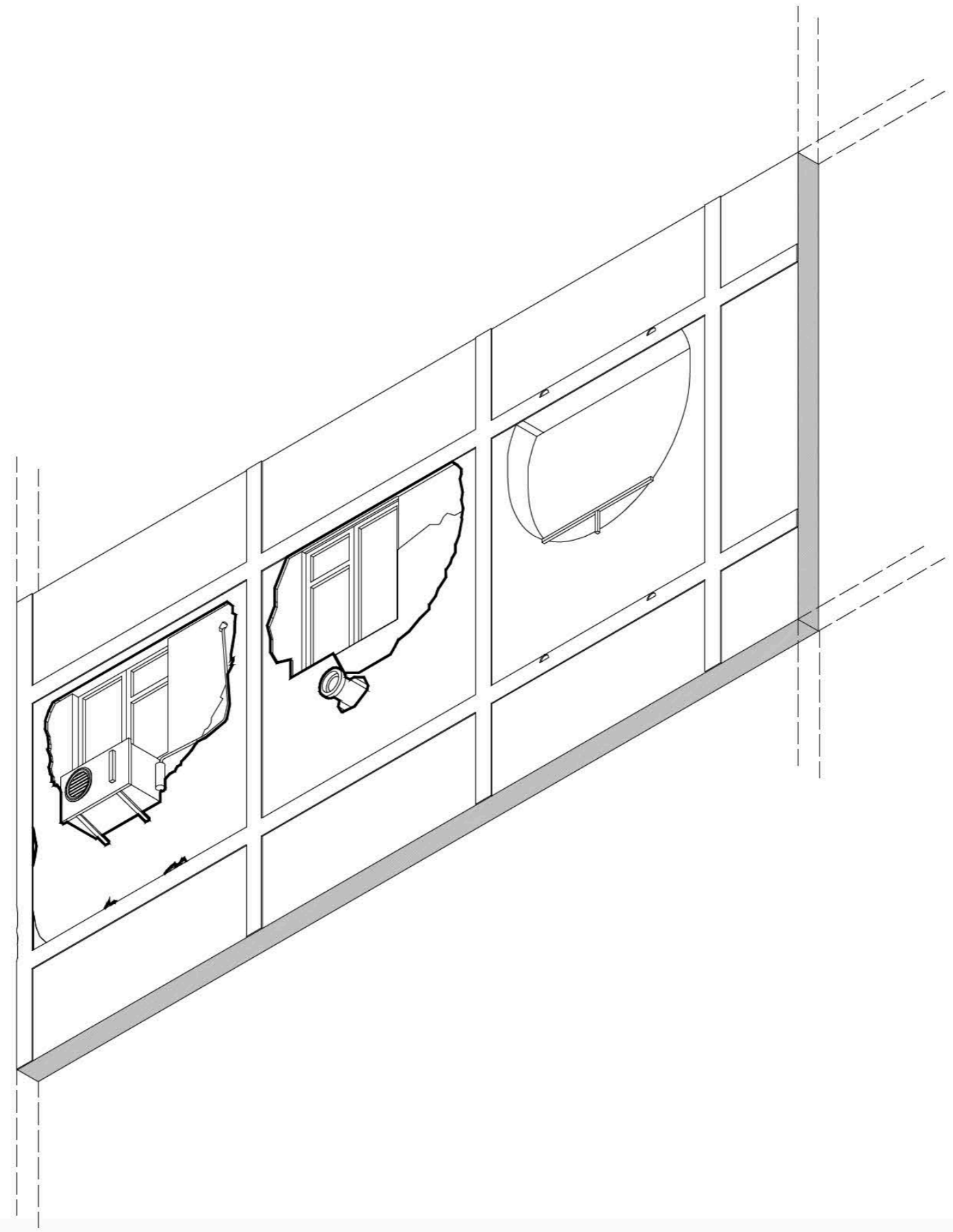
8

A.

WINDOW INFILL 1



INDIVIDUAL NEED



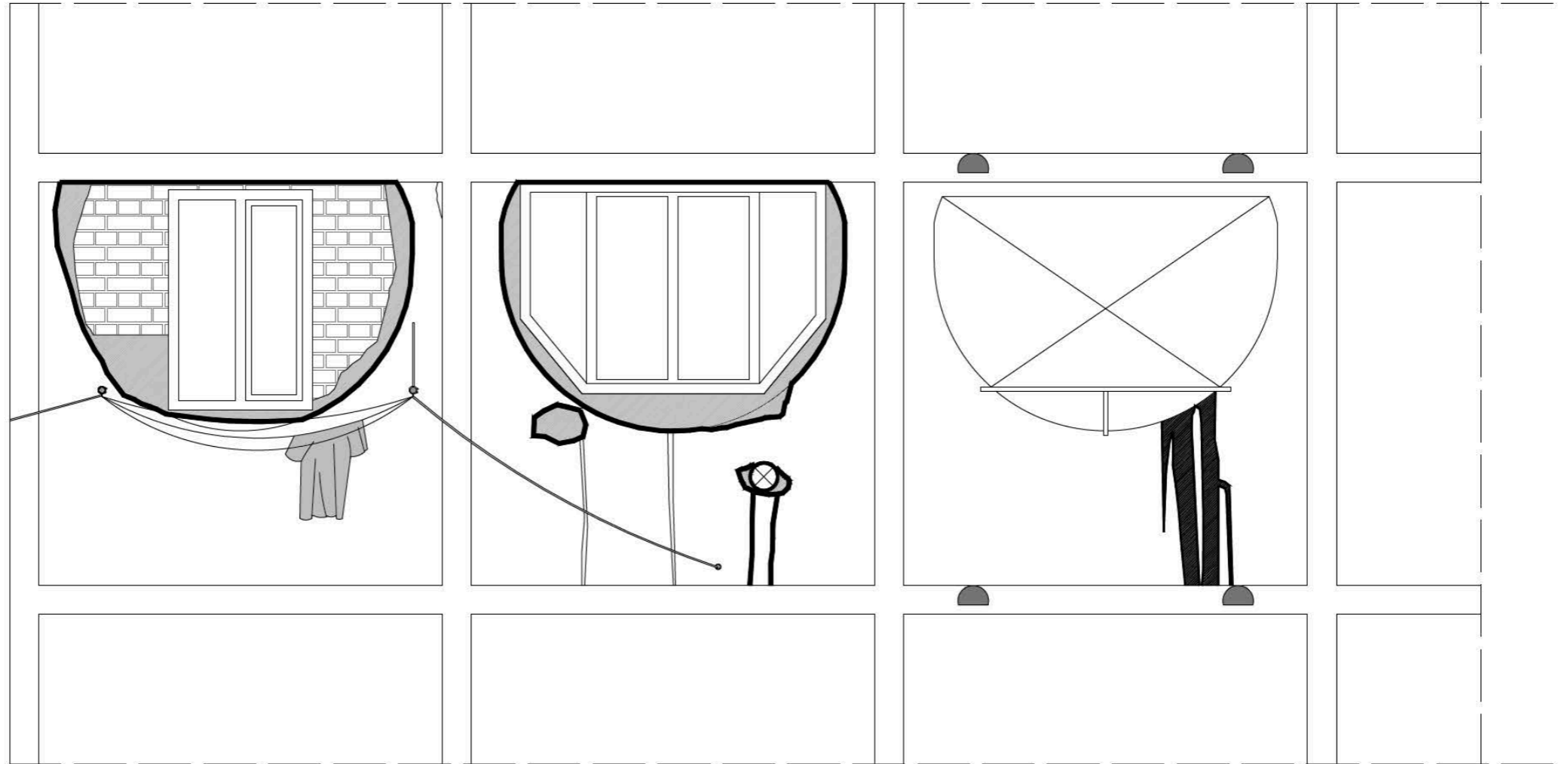
8

B.

WINDOW INFILL 2



INDIVIDUAL NEED



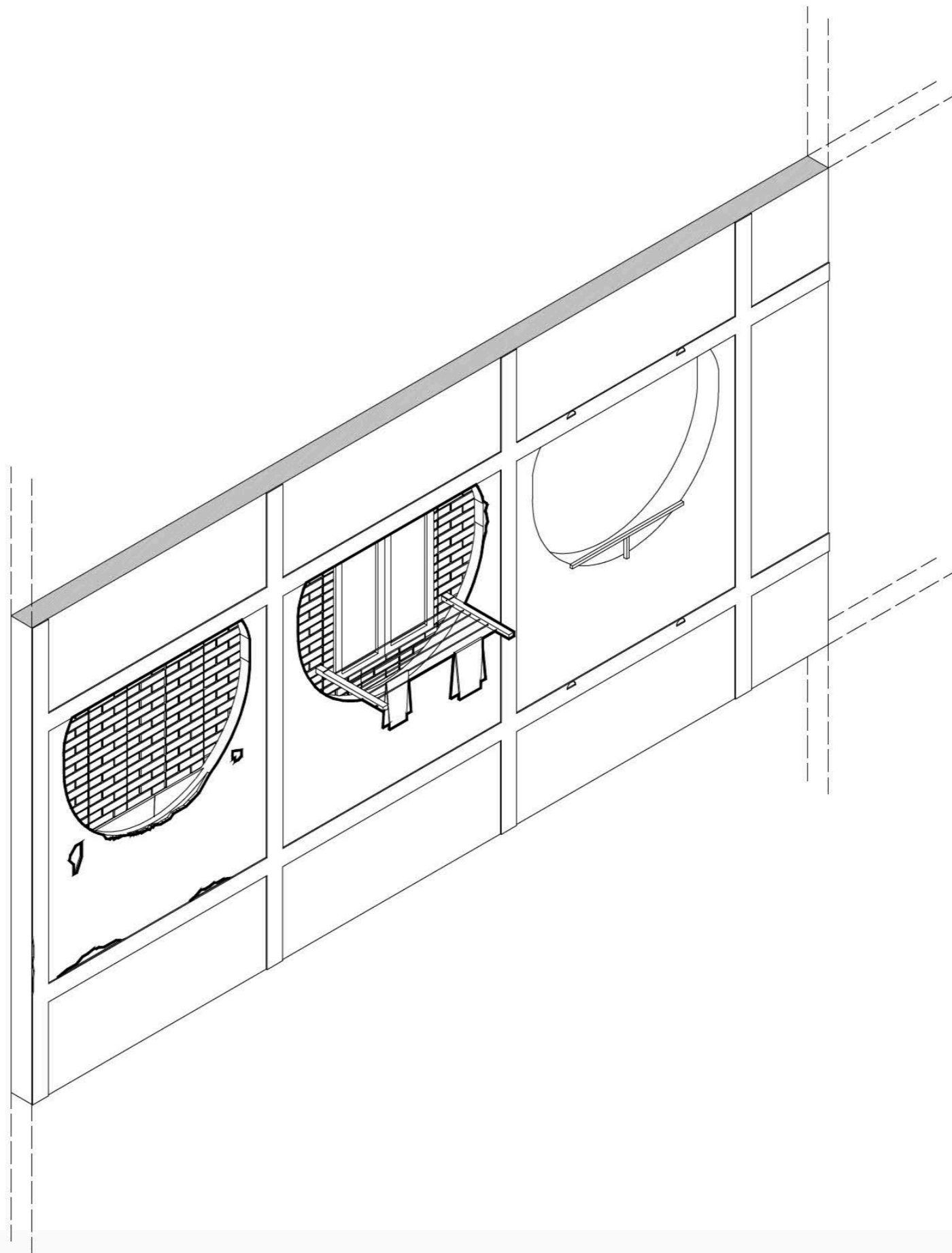
8

C.

WINDOW INFILL 3



INDIVIDUAL NEED



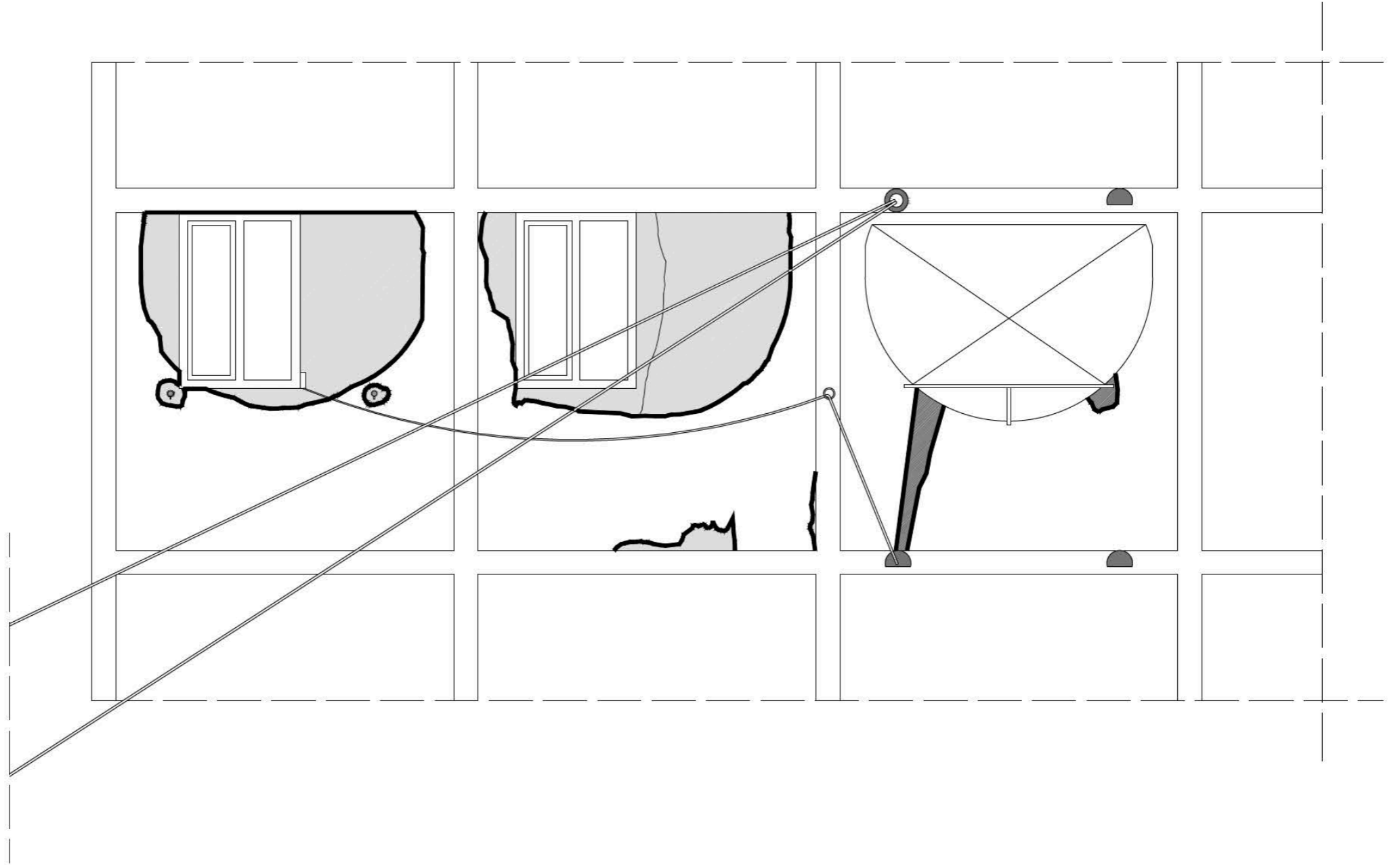
8

D.

WINDOW INFILL 4



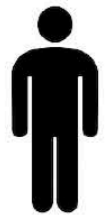
INDIVIDUAL NEED



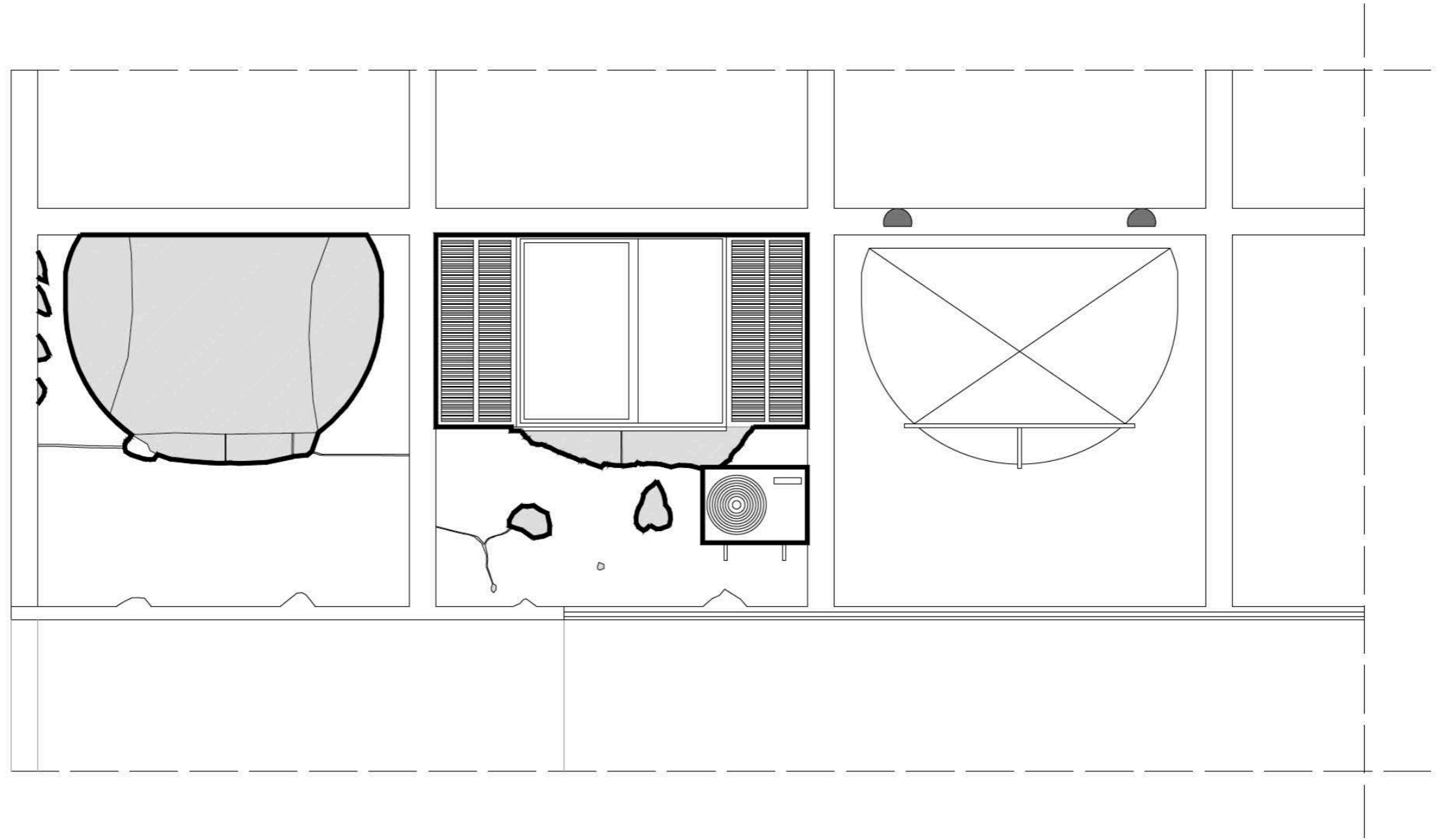
8

E.

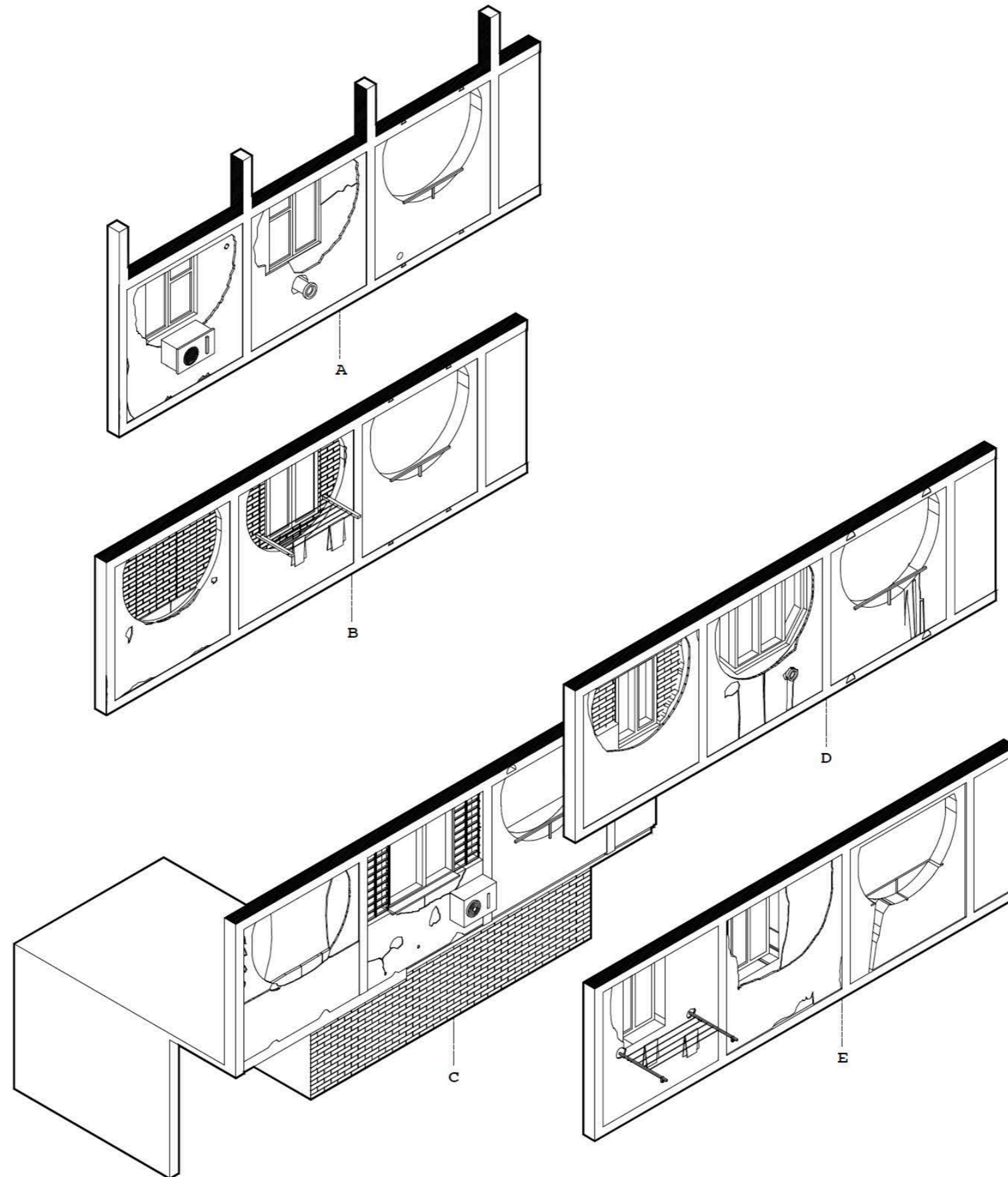
WINDOW INFILL 5



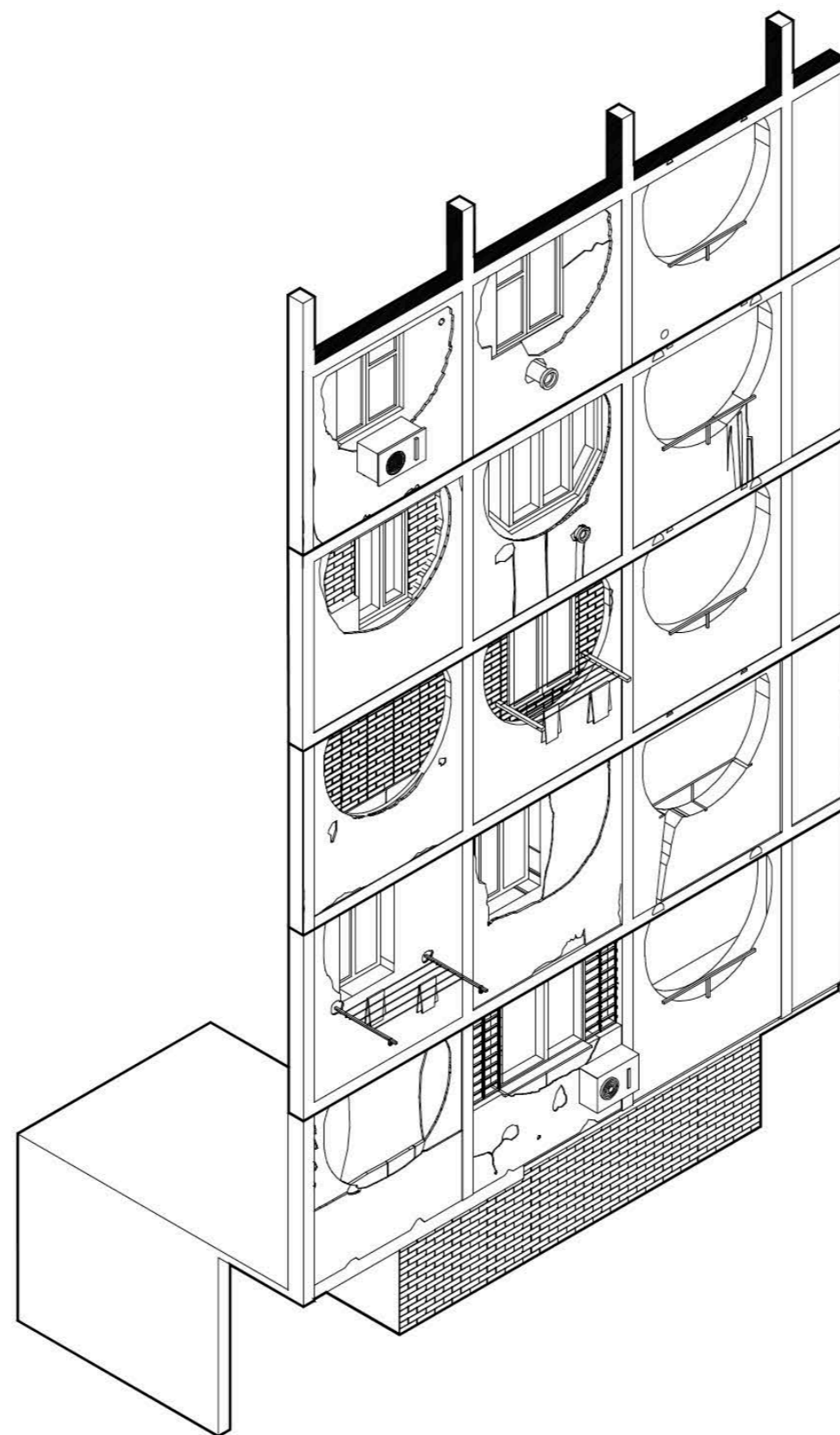
INDIVIDUAL NEED



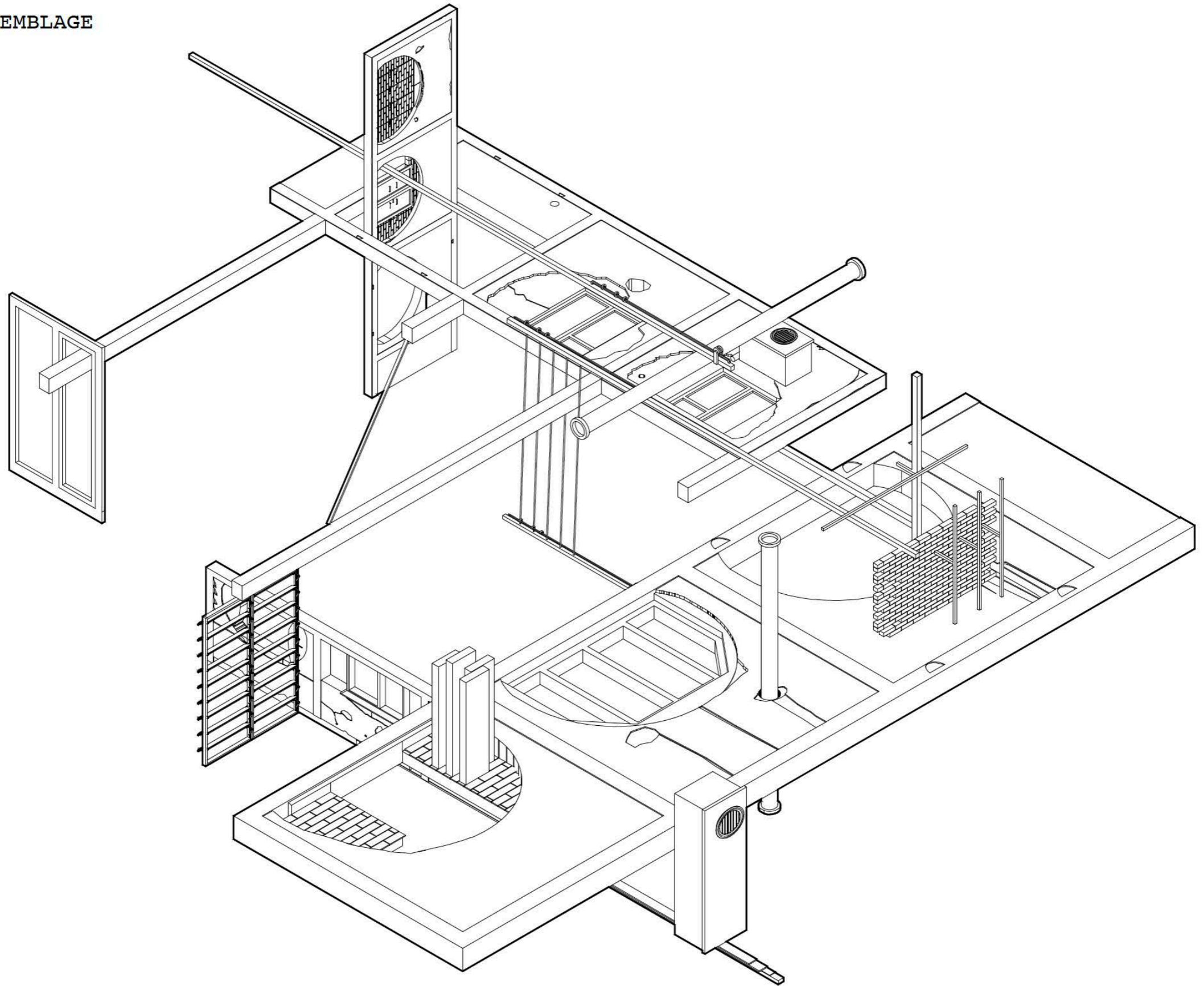
EXPLODED COMPONENTS



ASSEMBLAGE



RE-ASSEMBLAGE



ELEMENTS AS PHYSICAL COMPONENTS OF A GREATER COMPOSITION

2. ARCHITECTURAL PROPOSAL CONCEPT

ELEMENTS NOW ARE CONSIDERED AS PROGRAMATIC COMPONENTS
INSTEAD AS MERELY PHYSICAL ONES.

RE-ASSEMBLAGE OF PROGRAM AND USES

PROGRAM ASSEMBLAGE

The Urban Dining Room

Between social meeting open spaces and private houses a defined room appears in the city, available to anyone who needs it to rest, sit or eat (alone or in company). This has become a refuge for people in a city which changes in unexpected and improvised ways.

A Public Home

Everybody is welcome to this open shelter. A home that exists in a social meeting space, colonized by those who don't have a place to sleep and be safe from the city and its speed and disorder. While people are here they can also wait for trains to travel and move but it's also possible to use the train rails as a front yard or public garden.

The Linear Art Gallery and Train Station

The linear route to the train station is accompanied by a series of art work that marks its circulation and merges between social open spaces and storage rooms.

A linear market / bridge ?

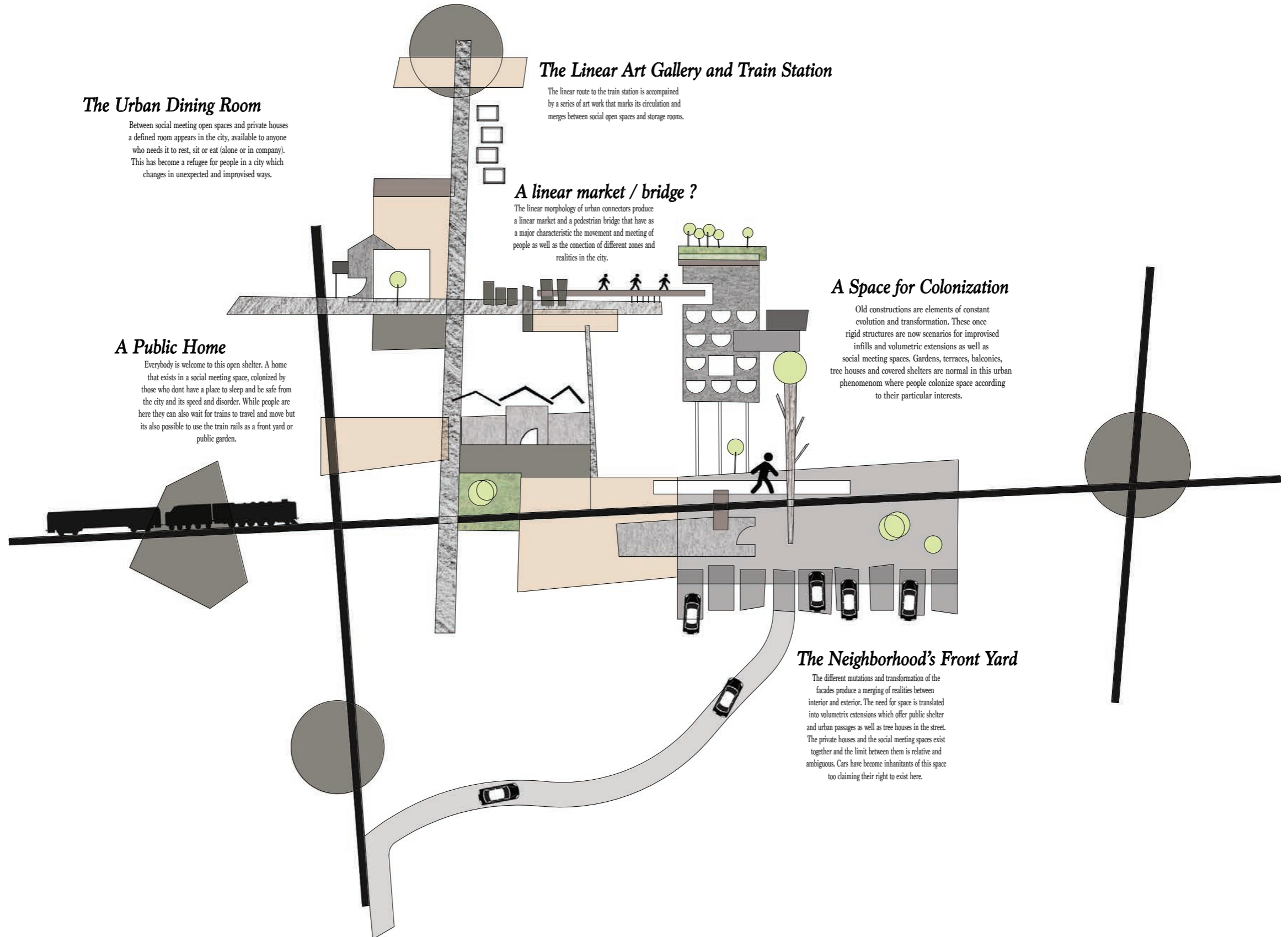
The linear morphology of urban connectors produce a linear market and a pedestrian bridge that have as a major characteristic the movement and meeting of people as well as the connection of different zones and realities in the city.

A Space for Colonization

Old constructions are elements of constant evolution and transformation. These once rigid structures are now scenarios for improvised infills and volumetric extensions as well as social meeting spaces. Gardens, terraces, balconies, tree houses and covered shelters are normal in this urban phenomenon where people colonize space according to their particular interests.

The Neighborhood's Front Yard

The different mutations and transformation of the facades produce a merging of realities between interior and exterior. The need for space is translated into volumetric extensions which offer public shelter and urban passages as well as tree houses in the street. The private houses and the social meeting spaces exist together and the limit between them is relative and ambiguous. Cars have become inhabitants of this space too claiming their right to exist here.



PROGRAM RE-ASSEMBLAGE

The Tree House Station

On top of the trees a volume has evolved. As a parasite extension, the train station rests on top of the urban vegetation as a place to meet and wait for the public transportation of the city.

The Rail Parking

Along the linear morphology of the train rails a series of car parkings have evolved from it taking advantage of its clear organization.

The Train Graveyard

When trains die they come here to rest forever. However their presence produces a series of shelters for homeless people. This is also a big and extend garden for people to meet and gather which is also crossed by the urban bridge connector of the city.

The Parasite Train-Rooms

From the rails a series of rooms have mutated, some of them are used for shelter while others are storage spaces.

The Rail Terrace

As trains pass on top of some old buildings, new open spaces are created like terraces for social meeting, rest and vegetation to grow.

The Bridge's Balcony

A pedestrian bridge needs a space to rest and take shelter. In this balcony, a parasite and volumetric extension of the original structure, it's possible to do that.

The Tree Gallery Museum

Not only artworks are worthy of admiring. In this linear connector nature itself is the exposition. A place to walk through and observe the natural art.

The Parasite Market

From some of the concrete constructions a series of volumes have mutated and grown to produce a market that is merged with the street and the urban meeting spaces.

The Train Shelter

A shelter is created under the bridge for trains to meet and rest. Vegetation is present too, creating a pleasant experience for the machines who are tired of long working days.

The Home - Passages

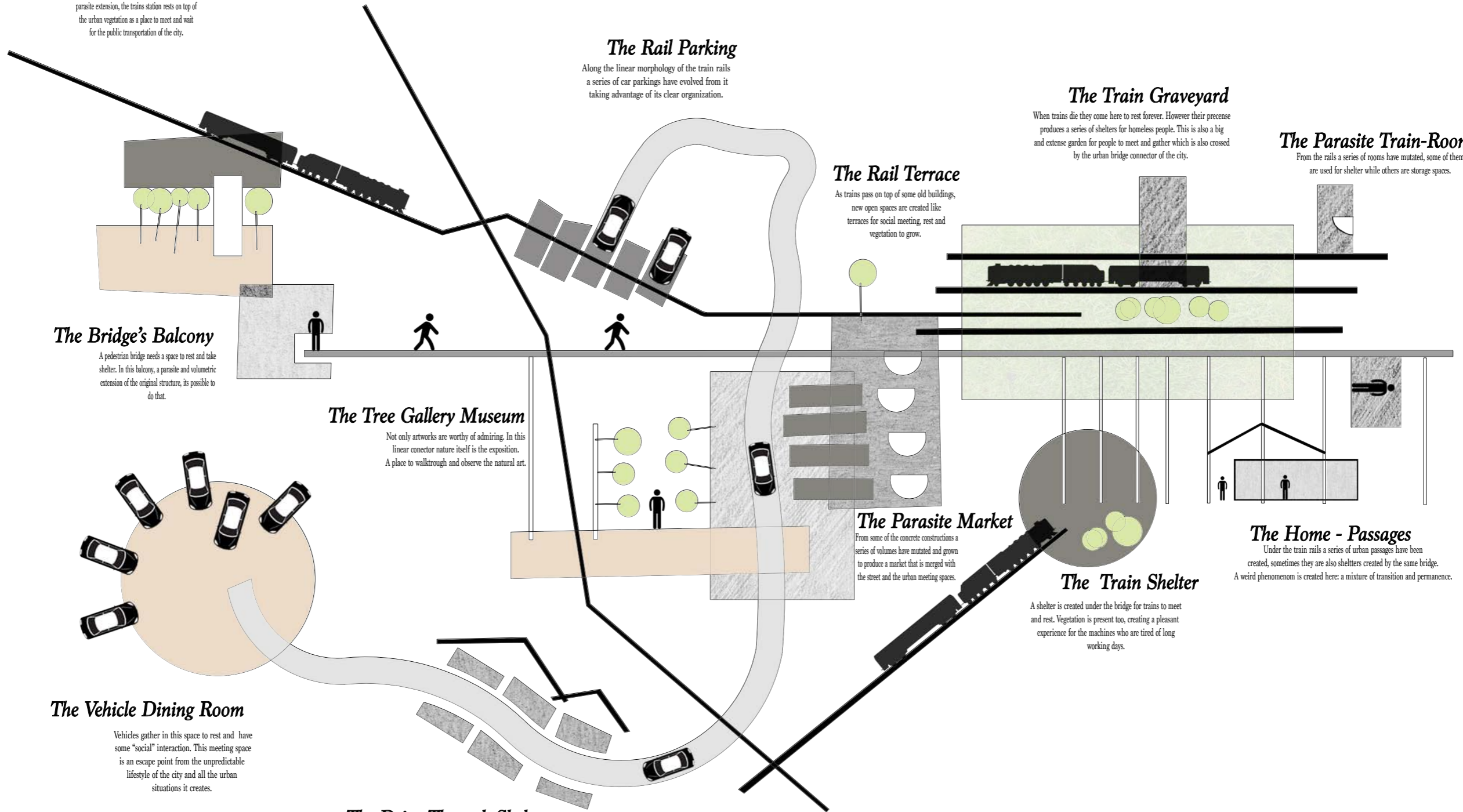
Under the train rails a series of urban passages have been created, sometimes they are also shelters created by the same bridge. A weird phenomenon is created here: a mixture of transition and permanence.

The Vehicle Dining Room

Vehicles gather in this space to rest and have some "social" interaction. This meeting space is an escape point from the unpredictable lifestyle of the city and all the urban situations it creates.

The Drive Through Shelters

A fast and modern way of using a shelter while one is in a hurry and short of time. Drive in, use it, and drive out. It's effective and quick.

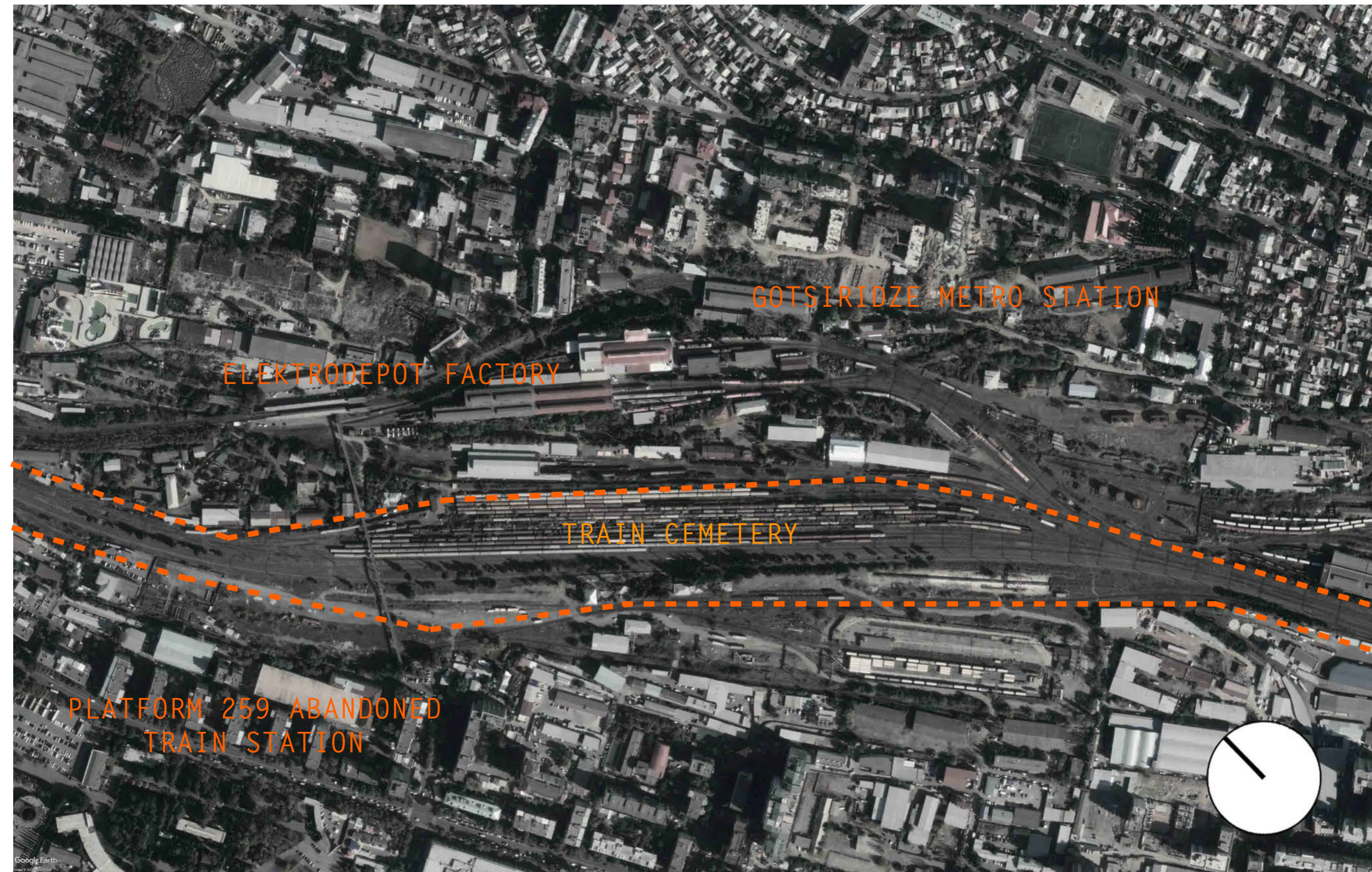


3. MASTER PLAN

TBILISI - GEORGIA



GOTSIRIDZE

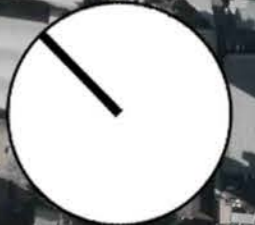


GOTSIRIDZE METRO STATION

ELEKTRODEPOT FACTORY

TRAIN CEMETERY

PLATFORM 259 ABANDONED
TRAIN STATION

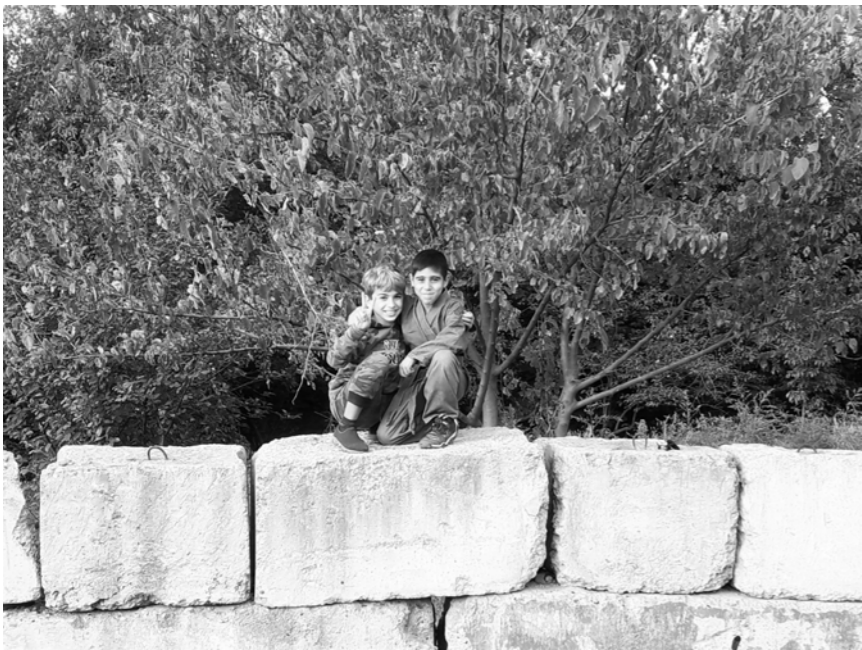












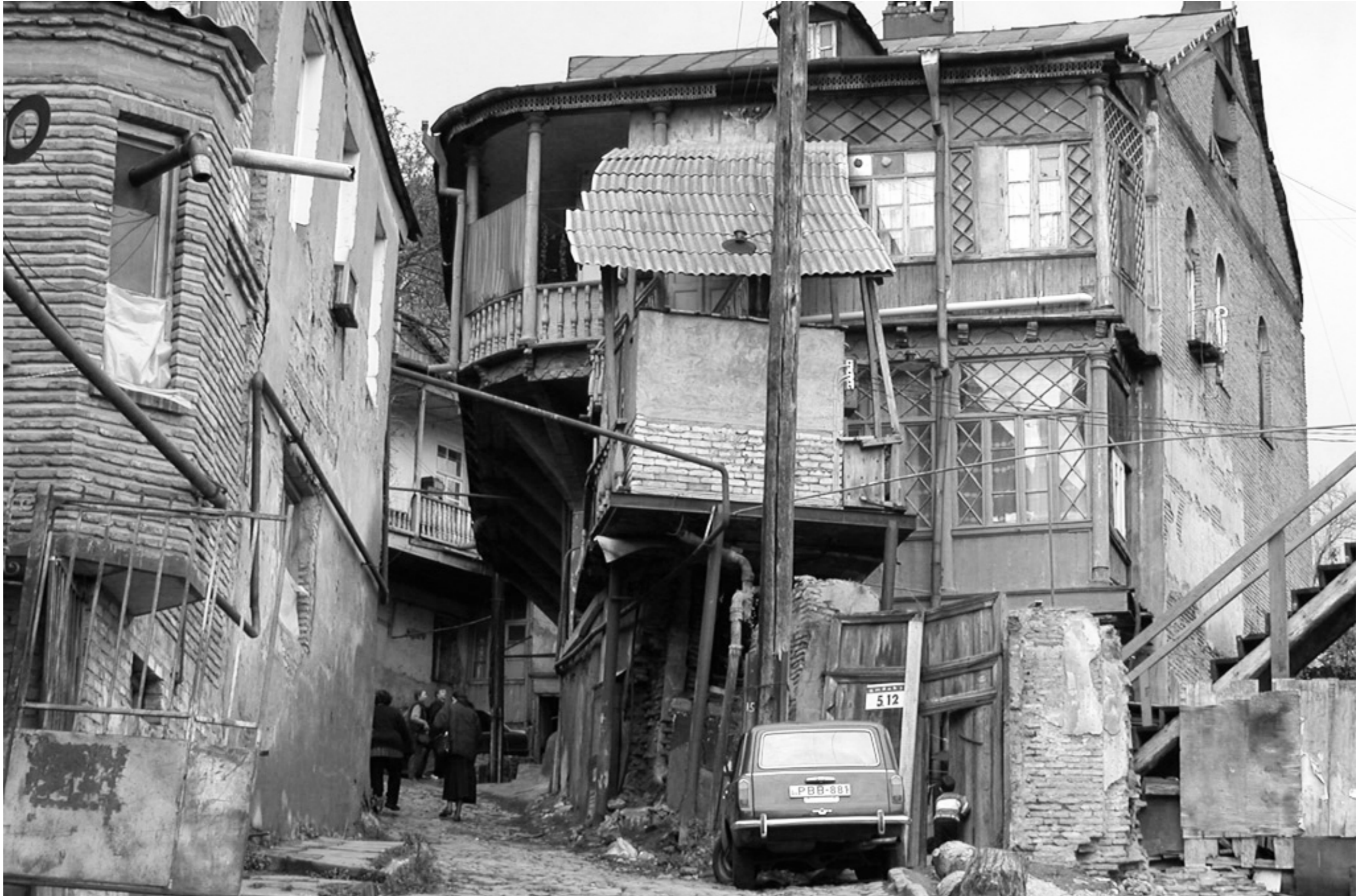


WEST OF THE RAILS





EAST OF THE RAILS









TRAIN RAILS



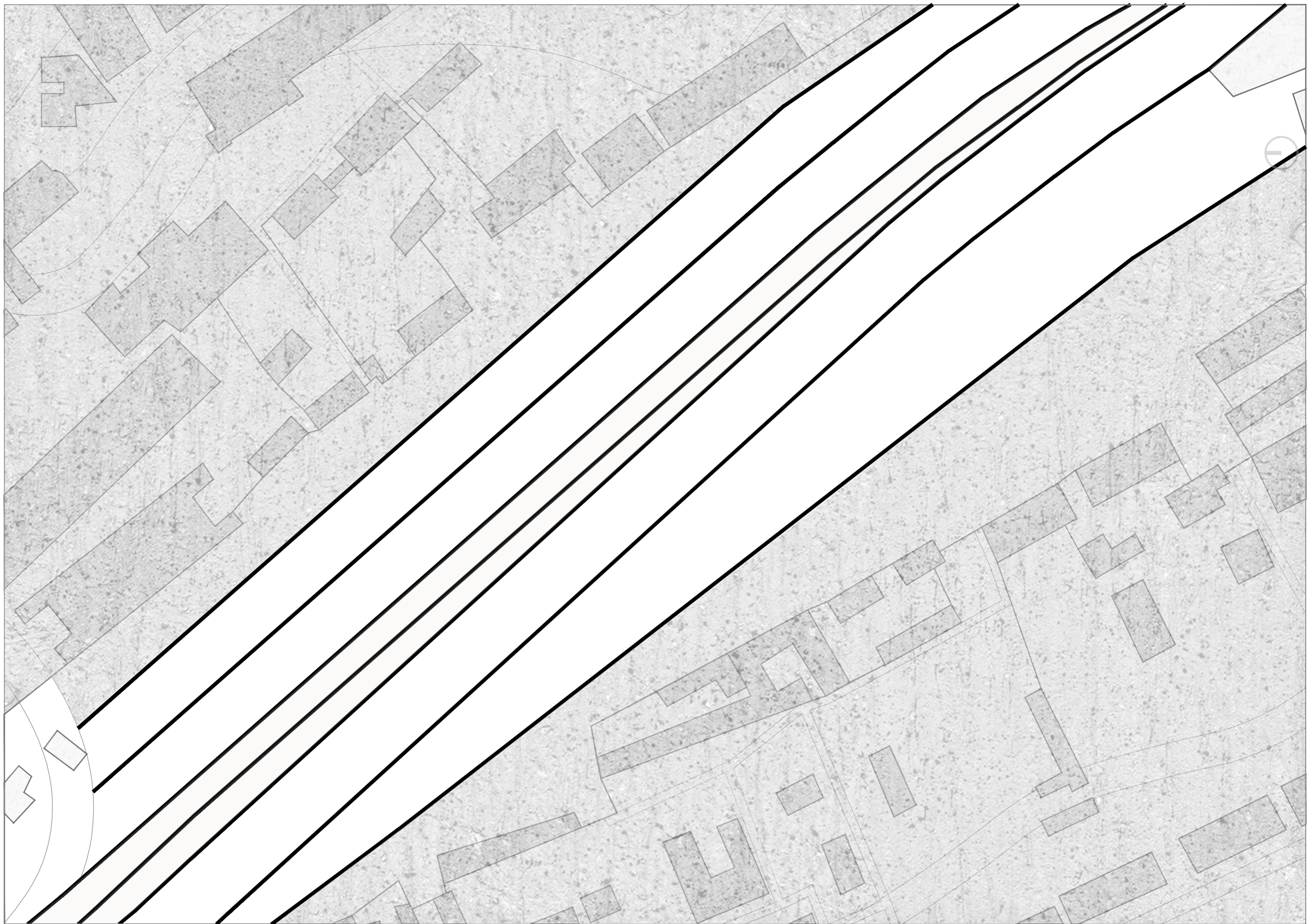
WORKING SPACE



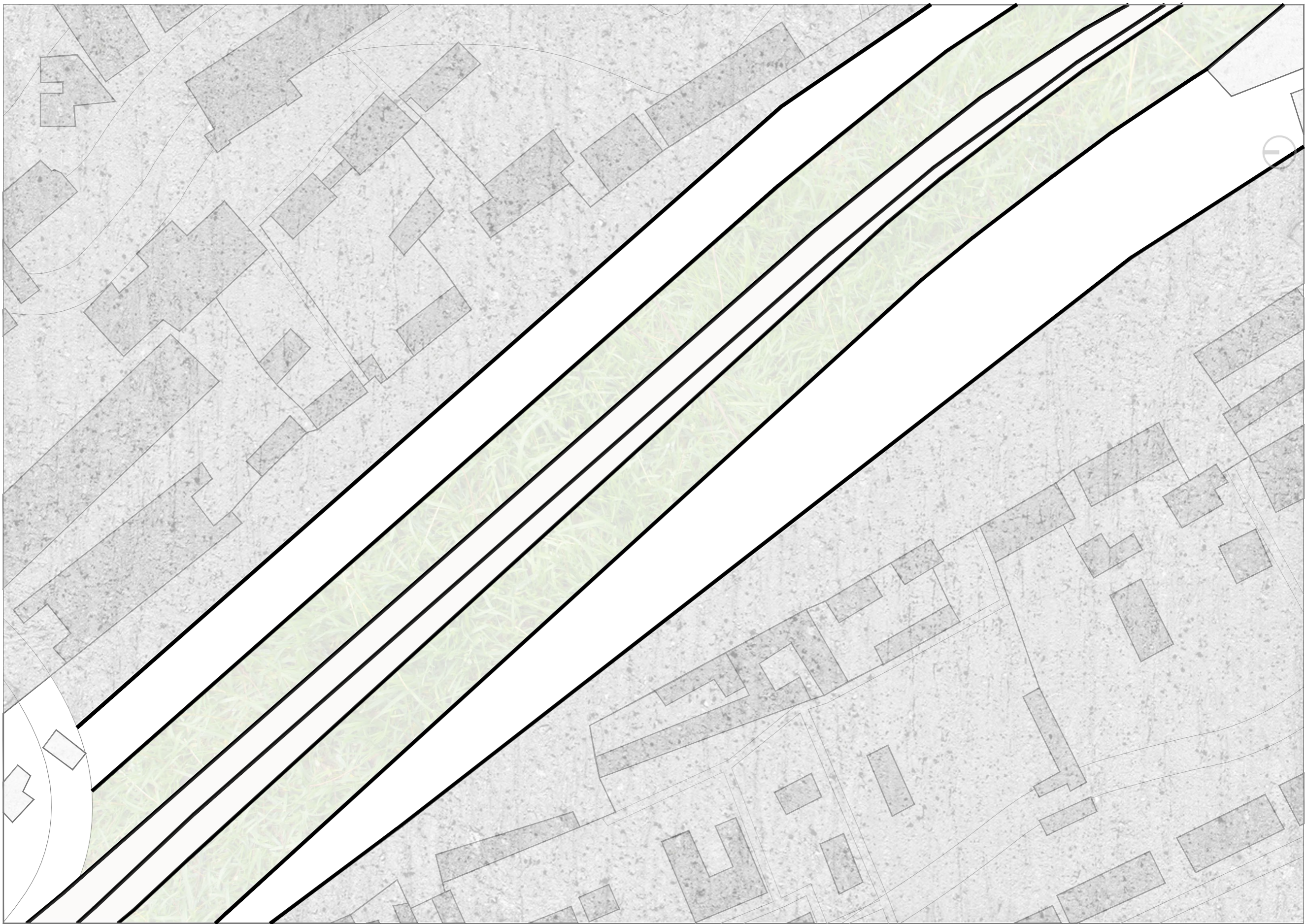
TRAIN RAILS



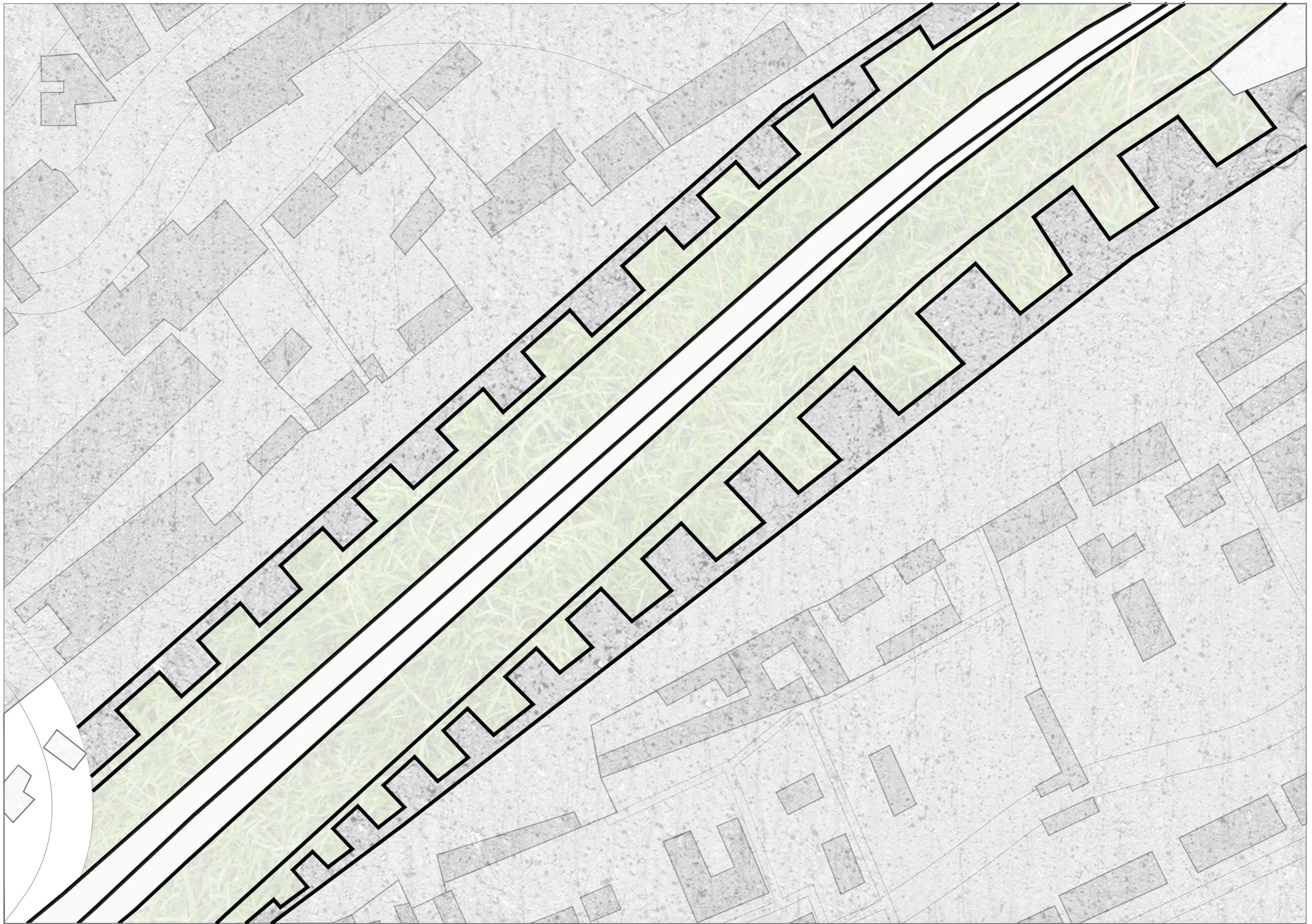
URBAN REALITY



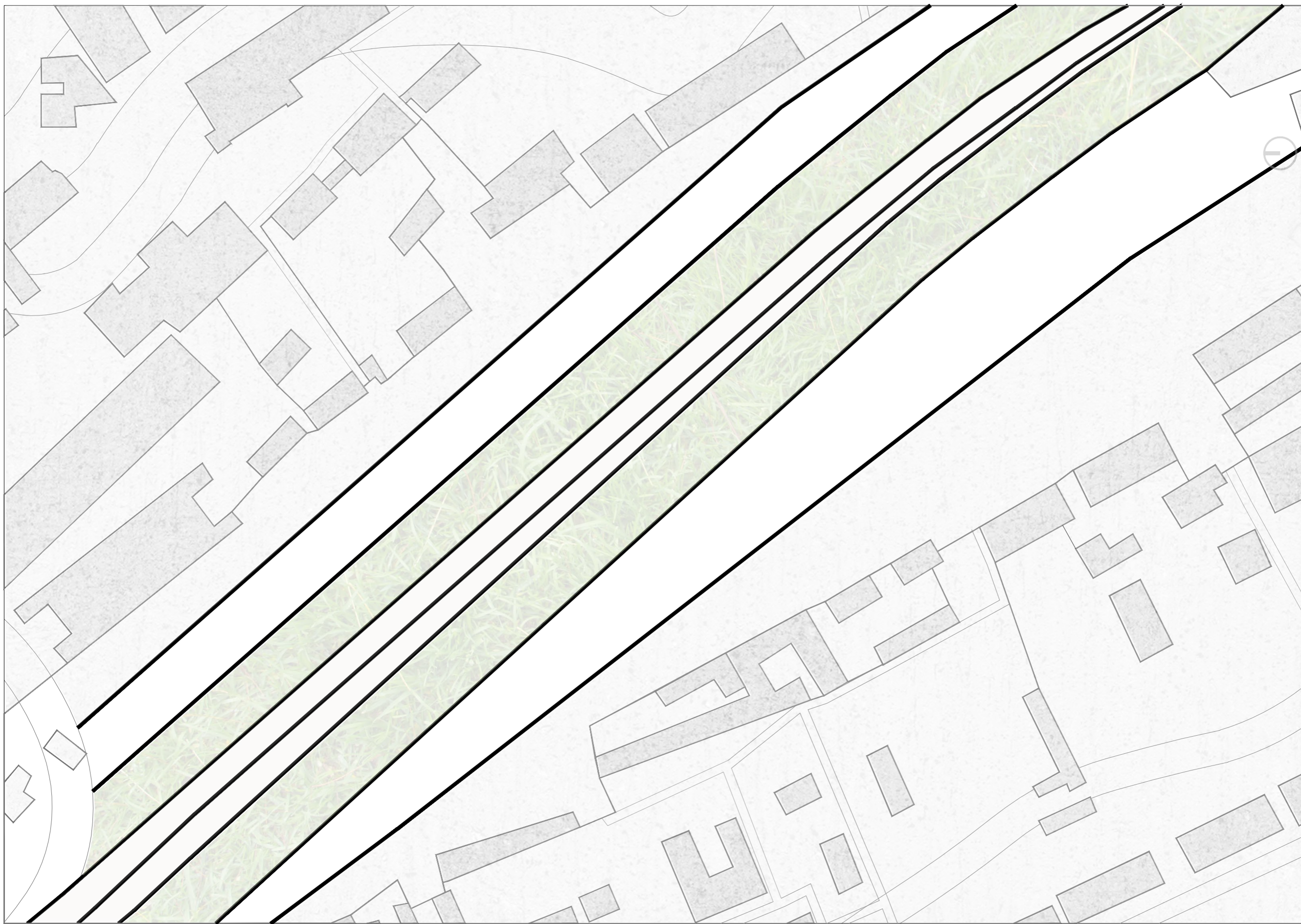
NATURAL REALITY



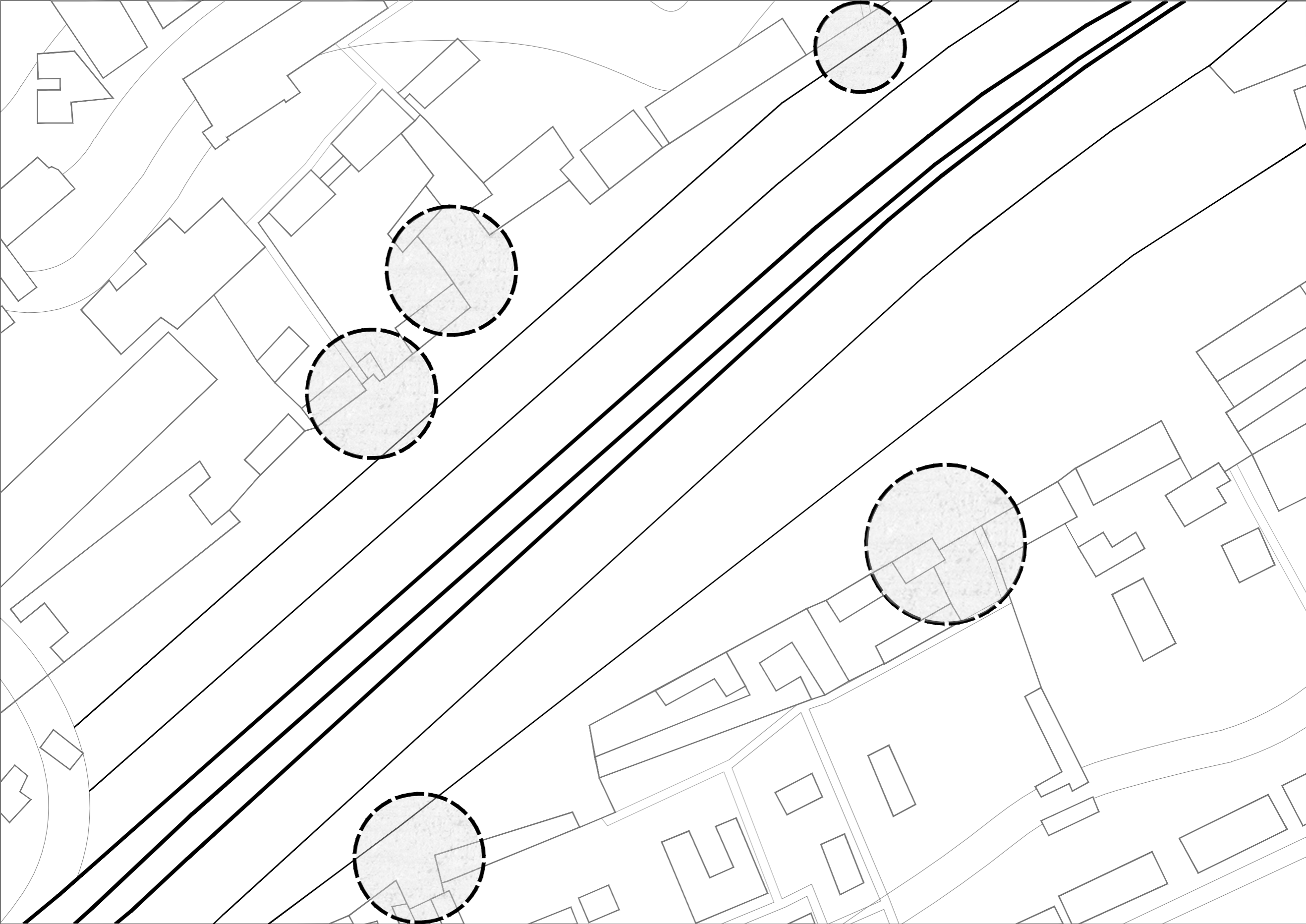
BUFFER ZONE



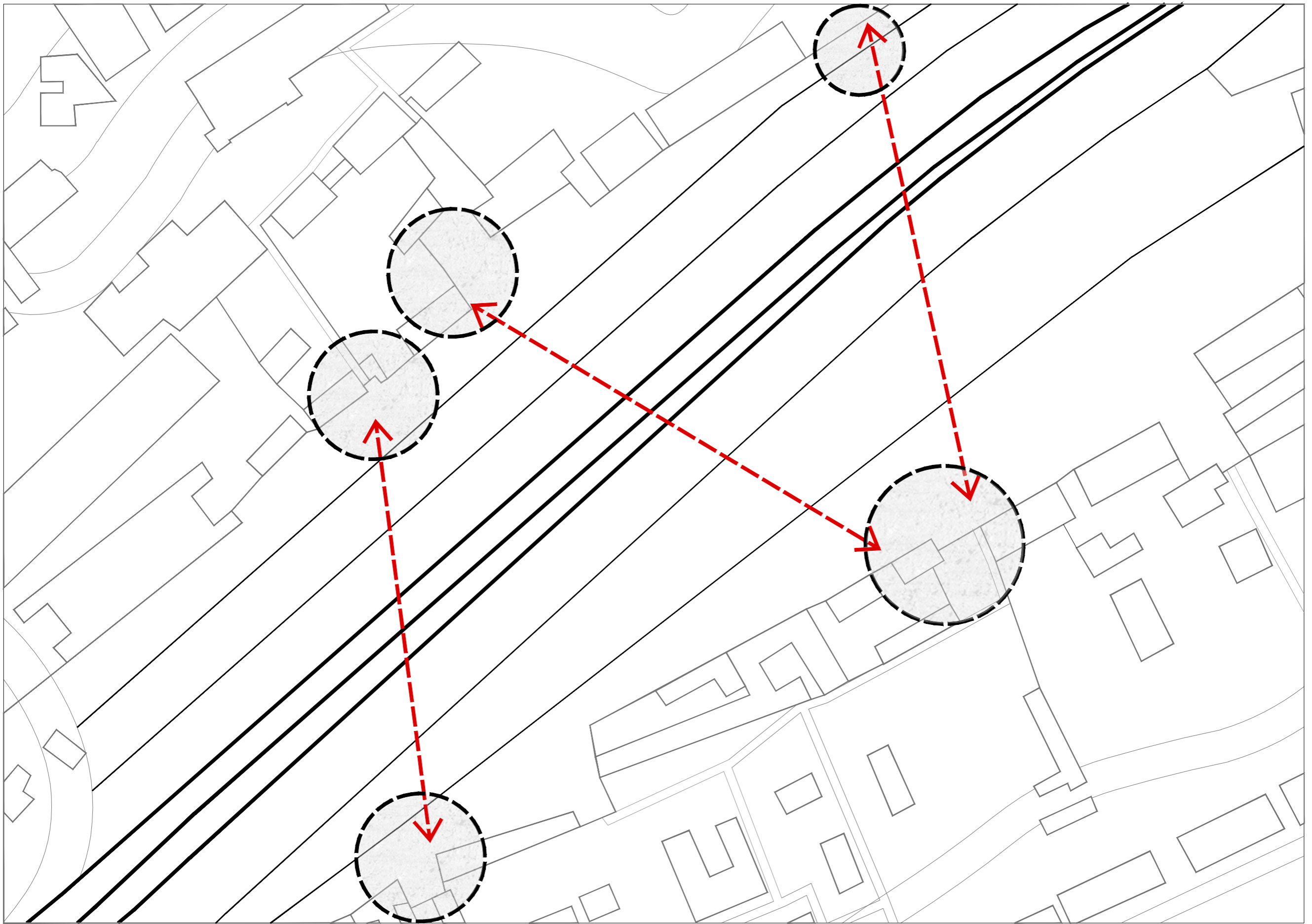
ORGANIZATIONAL GRID



URBAN VOIDS



IMPROVISED PEDESTRIAN CROSSES



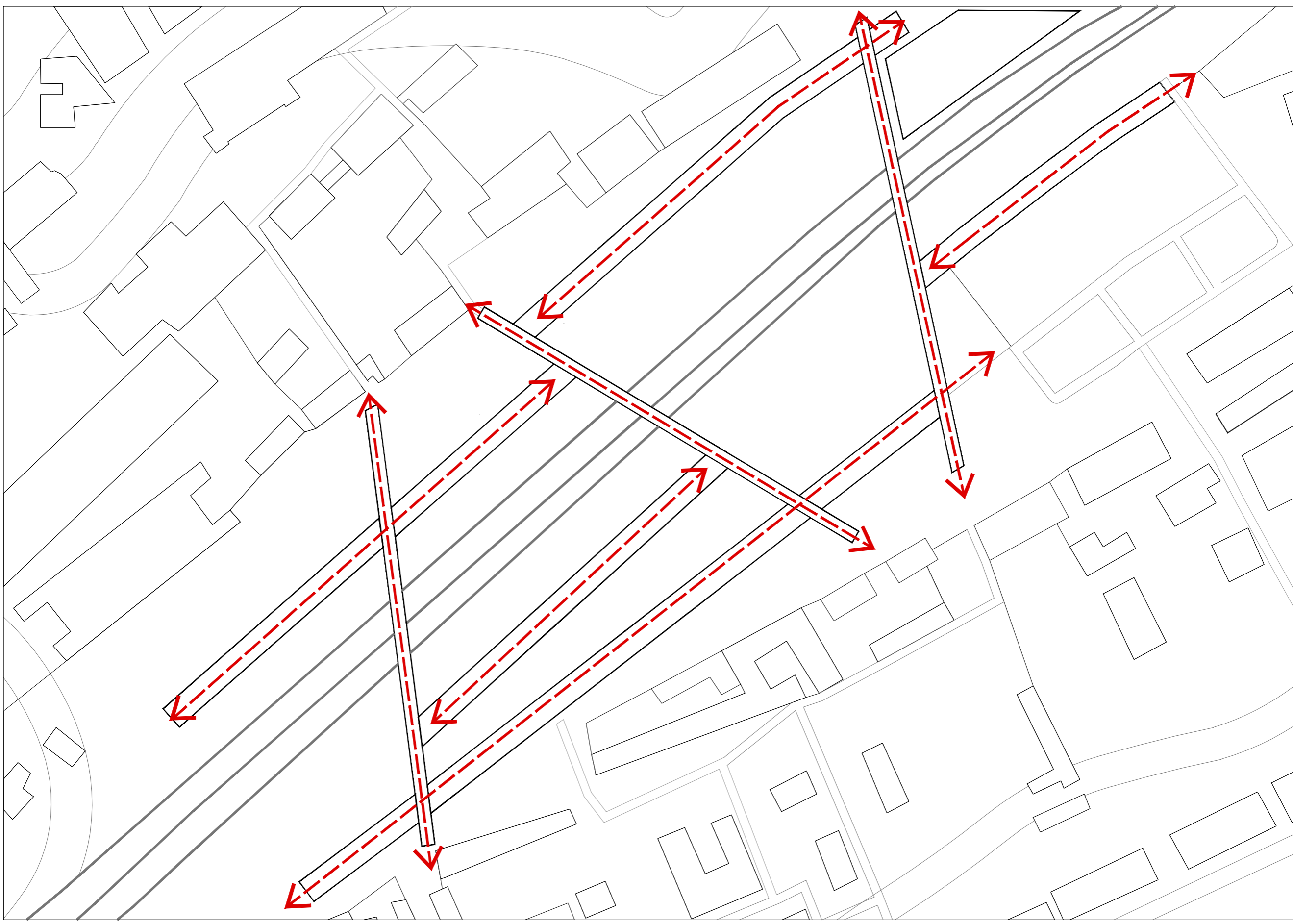
CONNECTIONS



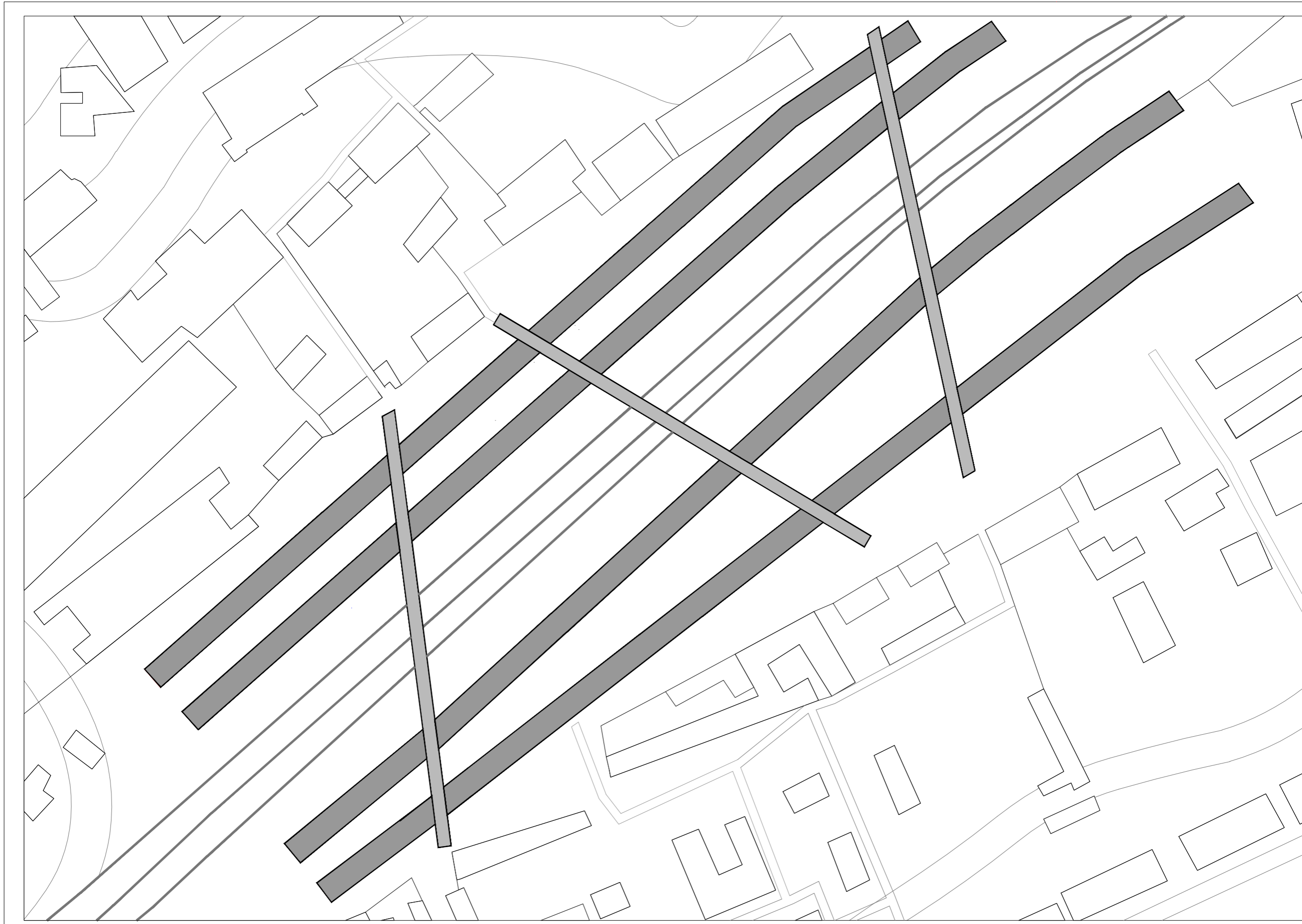
PROJECT ORGANIZATIONAL GRID



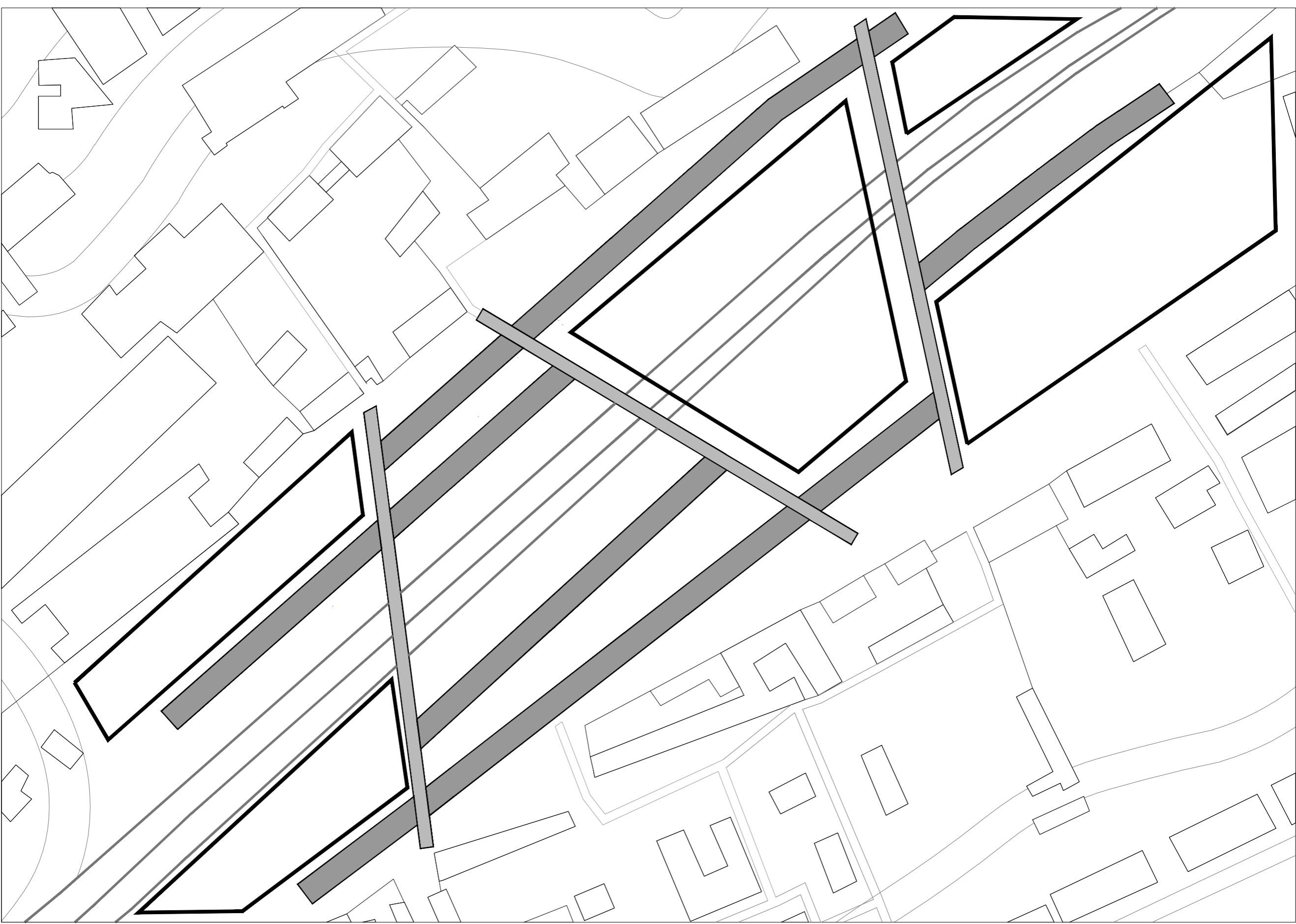
CREATION OF MOVEMENT AND CIRCULATION



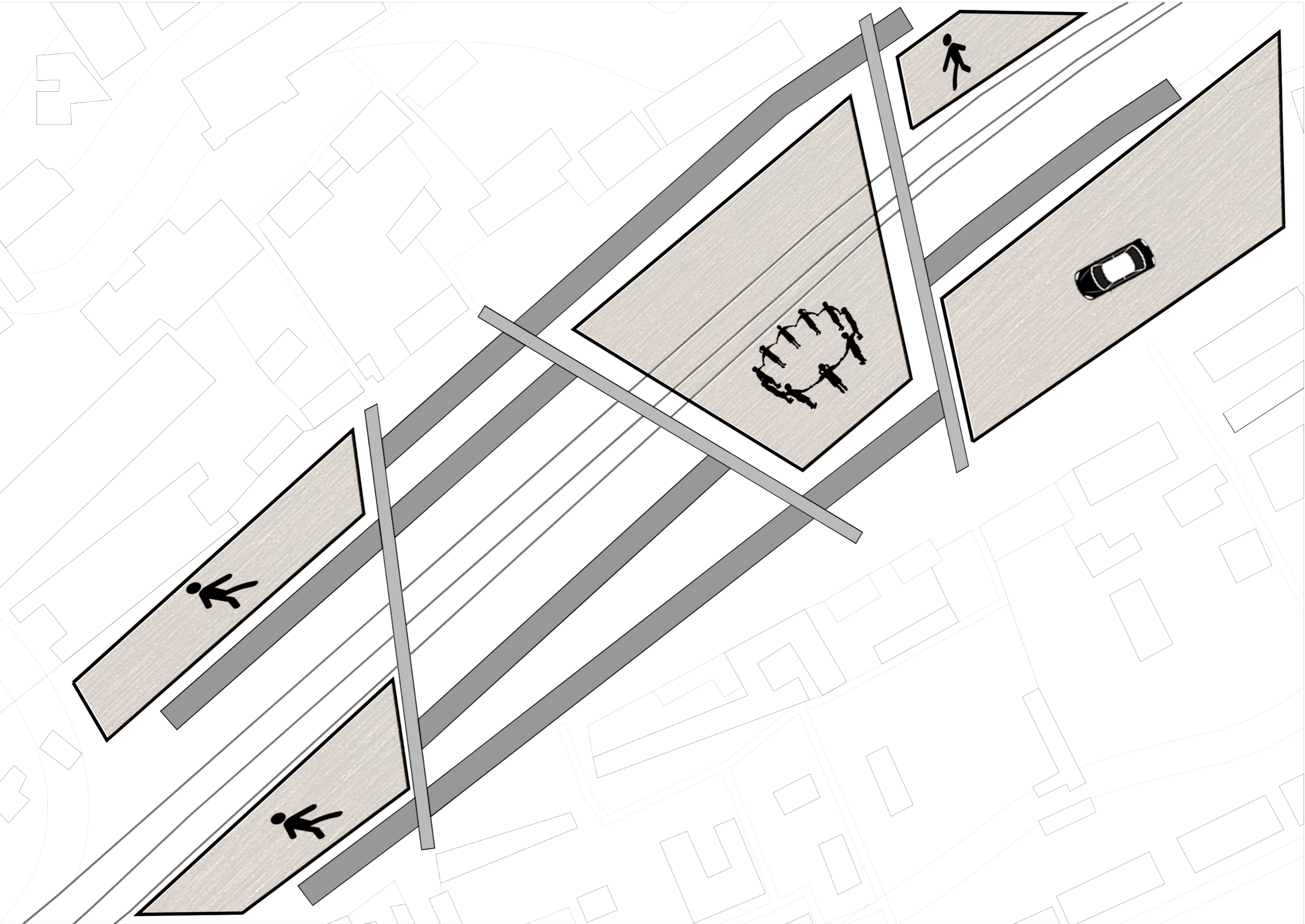
CONCEPTUAL OCCUPATION OF LAND



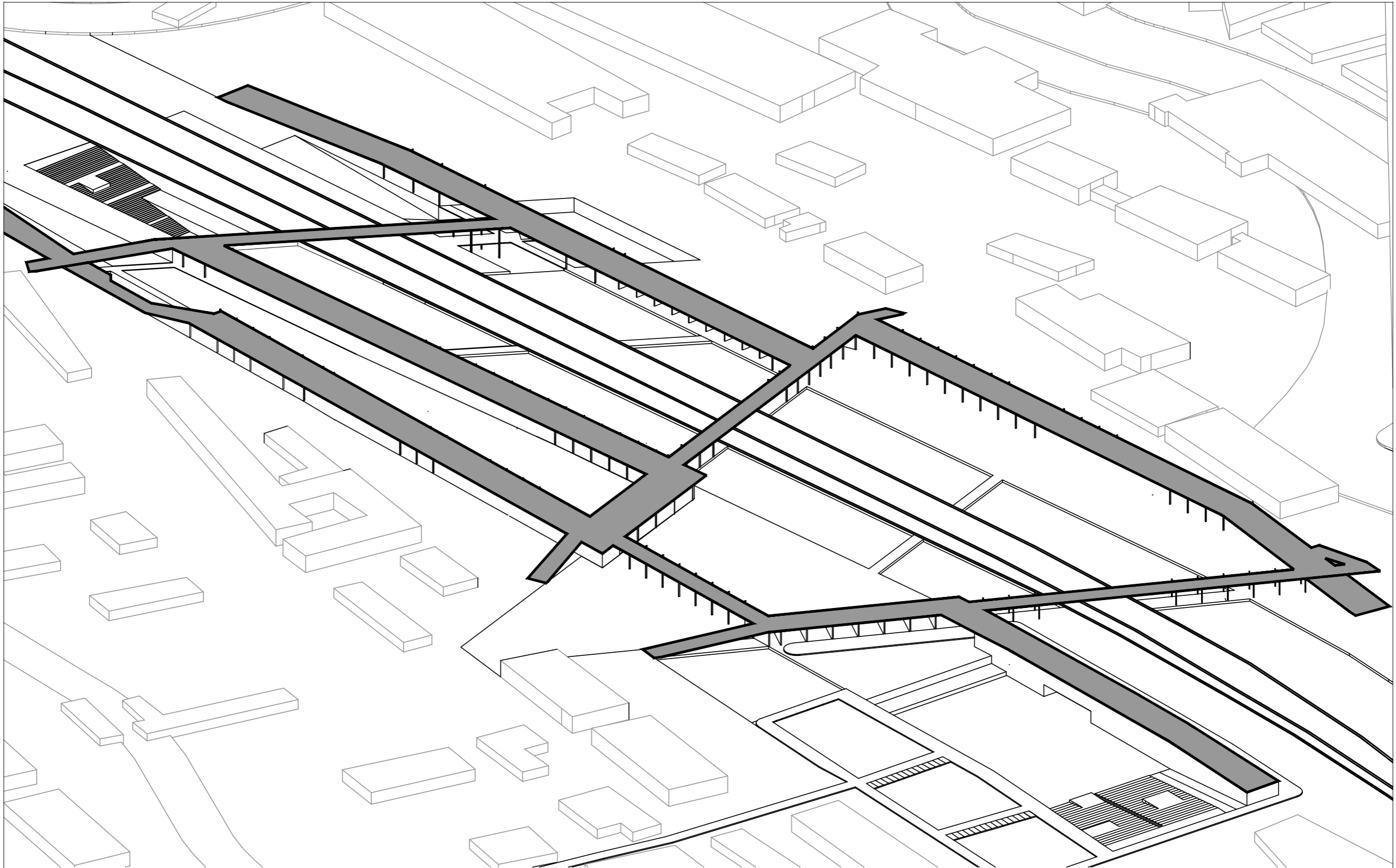
GRID BREAKING

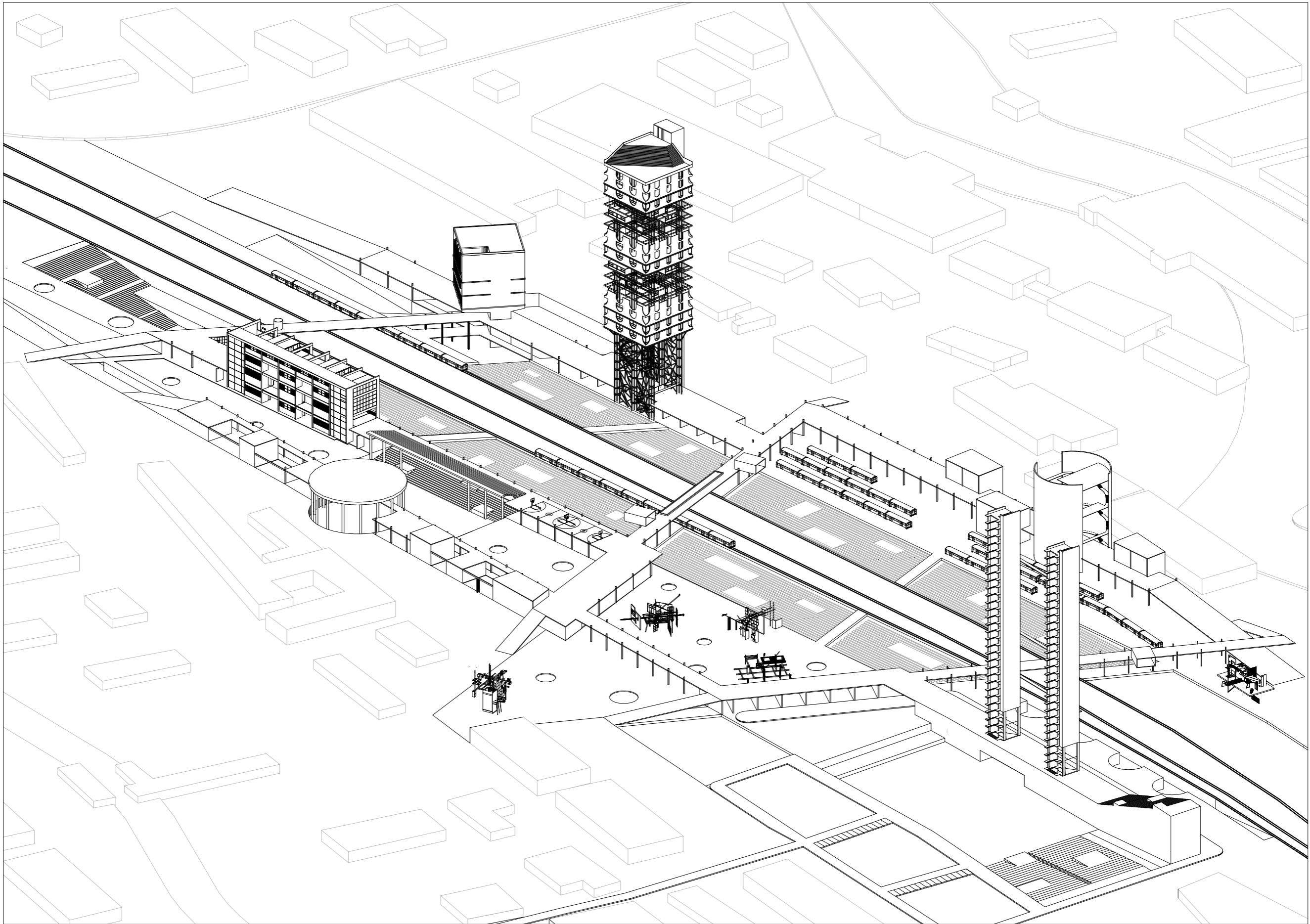


CREATION OF MAJOR SPACES



THE GROUNDSCAPE





An architectural rendering of a city development project. The scene is shown from an elevated perspective. In the center, a tall, multi-story building is under construction, with its steel framework visible. To the left, a long, low building with a series of rectangular volumes is shown. In the foreground, a large, open public space is depicted with several groups of people sitting on benches or standing in small circles. There are also several stylized trees with orange and yellow foliage. To the right, a multi-story building with a distinctive facade of vertical elements is shown. The background consists of a grid of streets and numerous smaller, rectangular building footprints, suggesting a dense urban environment. A prominent road or railway line runs diagonally across the middle of the scene. A large, white, rounded rectangular box is superimposed over the center of the image, containing the title text.

Tbilisi's Front Yard



The Linear Farm

An architectural line drawing of a city street scene. A prominent feature is a bridge structure crossing a road. On the bridge, a person is walking, and there are several colorful balloons (orange, yellow, red). The bridge has a railing and a walkway. To the left of the bridge, there is a circular structure, possibly a fountain or a well. The street is lined with buildings of various heights and shapes. In the background, a tall building with a distinctive roof is visible. The overall style is a clean, black and white line drawing with some color accents.

The Jungle Bridge

An architectural line drawing of a large, multi-level building complex. The drawing is in black and white, showing various levels, walkways, and structural elements. A prominent feature is a tall, multi-story building with a grid-like facade. In the center, a large, rounded structure is visible. The overall design is modern and complex, with many interconnected levels and spaces. A central text box is overlaid on the drawing.

The Knowledge Crater

An architectural line drawing of a transit station under construction. The drawing is an isometric view from an elevated perspective. In the center, a long, multi-level platform is being built, with several train cars visible on the tracks. To the left, a large, circular structure, possibly a transit hub or a large station entrance, is under construction. The surrounding area is filled with various building footprints and structures, some of which are also under construction, indicated by scaffolding and construction equipment. A prominent feature is a tall, cylindrical structure on the right side, which appears to be a ventilation stack or a tower. The overall scene depicts a complex urban infrastructure project in progress.

The Builder's Academy

An architectural line drawing of a city street scene. The central focus is a tall, multi-story building with a distinctive, repetitive facade of windows and balconies, identified as 'The Laundry Towers'. The building is surrounded by other city blocks of varying heights and shapes. In the foreground, there are several smaller structures, possibly construction sites or utility buildings, and a street with a few small figures. A large, white, rounded rectangular box is superimposed over the middle of the image, containing the title text. The overall style is a clean, black-and-white line drawing.

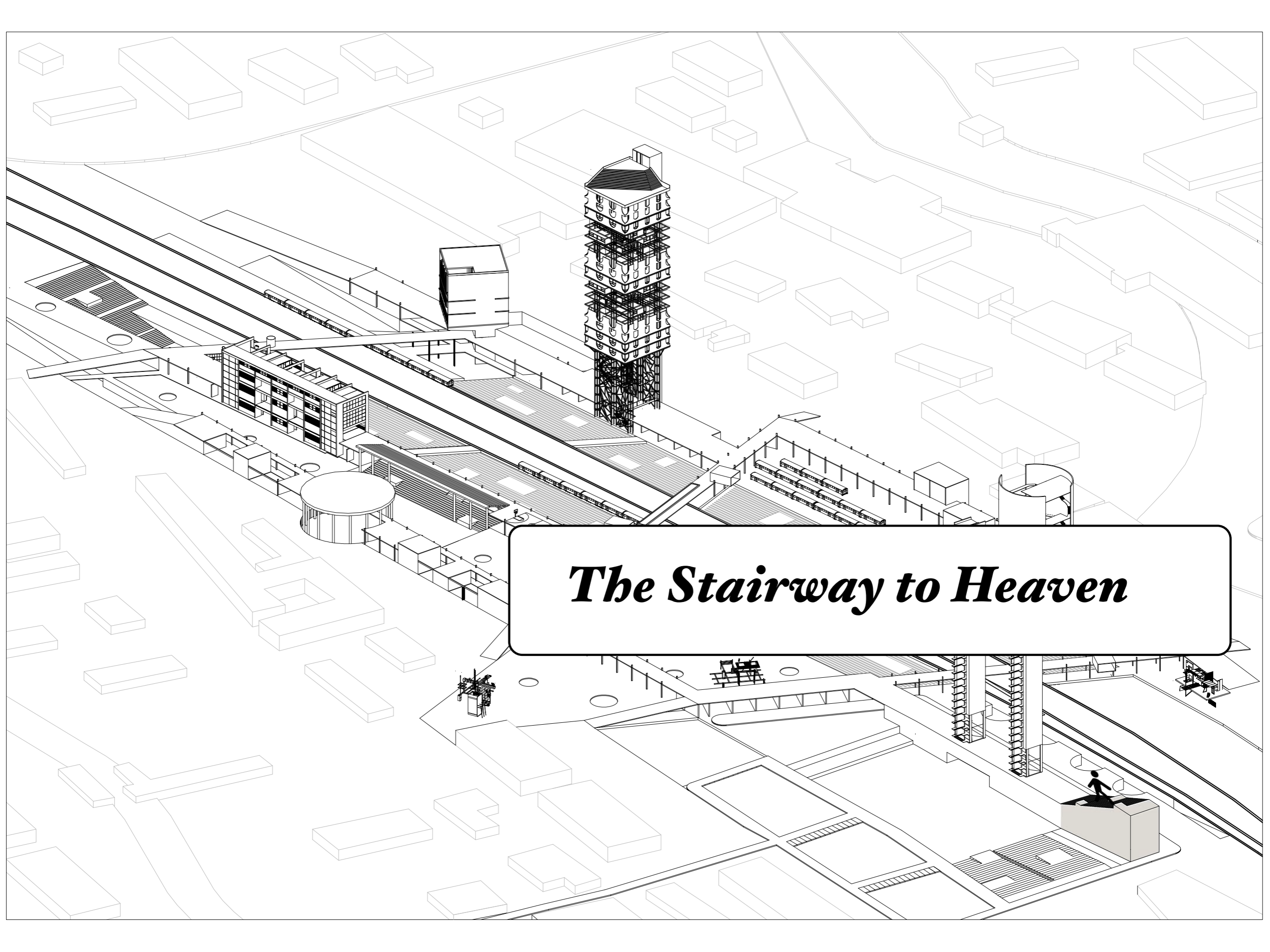
The Laundry Towers

An architectural line drawing of a city with a central lighthouse. The lighthouse is a tall, multi-story structure with a lantern room at the top, emitting a yellow beam of light. It is surrounded by a dense urban environment with various building footprints and streets. Several human figures are shown climbing the exterior of the lighthouse, suggesting a process of construction or colonization. A large, rounded rectangular box is superimposed over the center of the image, containing the title text.

The Colonized LightHouse

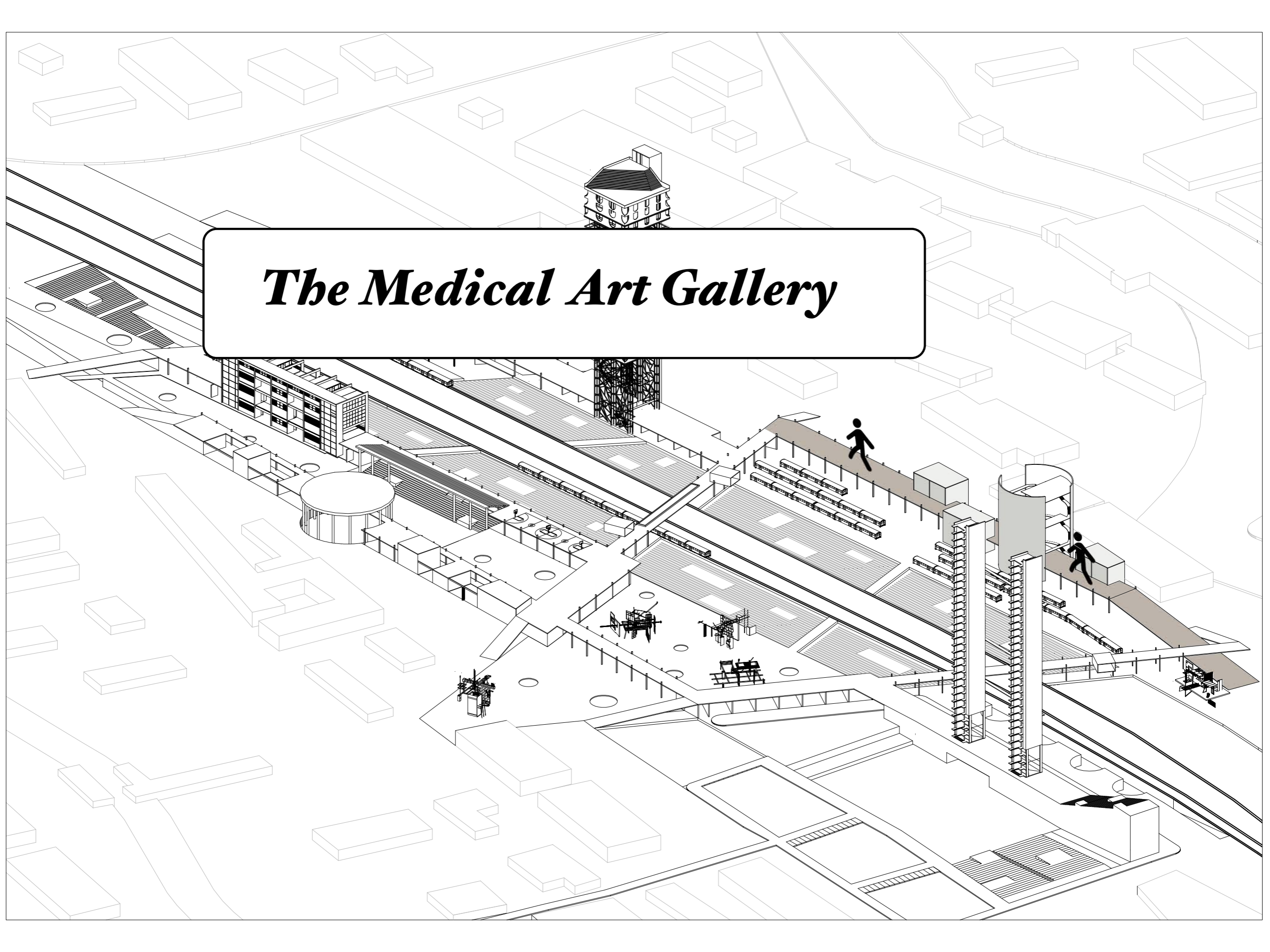
An architectural line drawing of a city street scene. The drawing is in black and white, showing a perspective view of a street with buildings on both sides. A prominent feature is a drive-through shelter structure that spans across the street. This structure consists of a series of vertical supports and horizontal beams, creating a covered walkway. A person is visible walking through the shelter. In the background, there are several multi-story buildings, some with balconies. The drawing uses fine lines to represent architectural details and shading to indicate depth and form. The overall style is technical and precise.

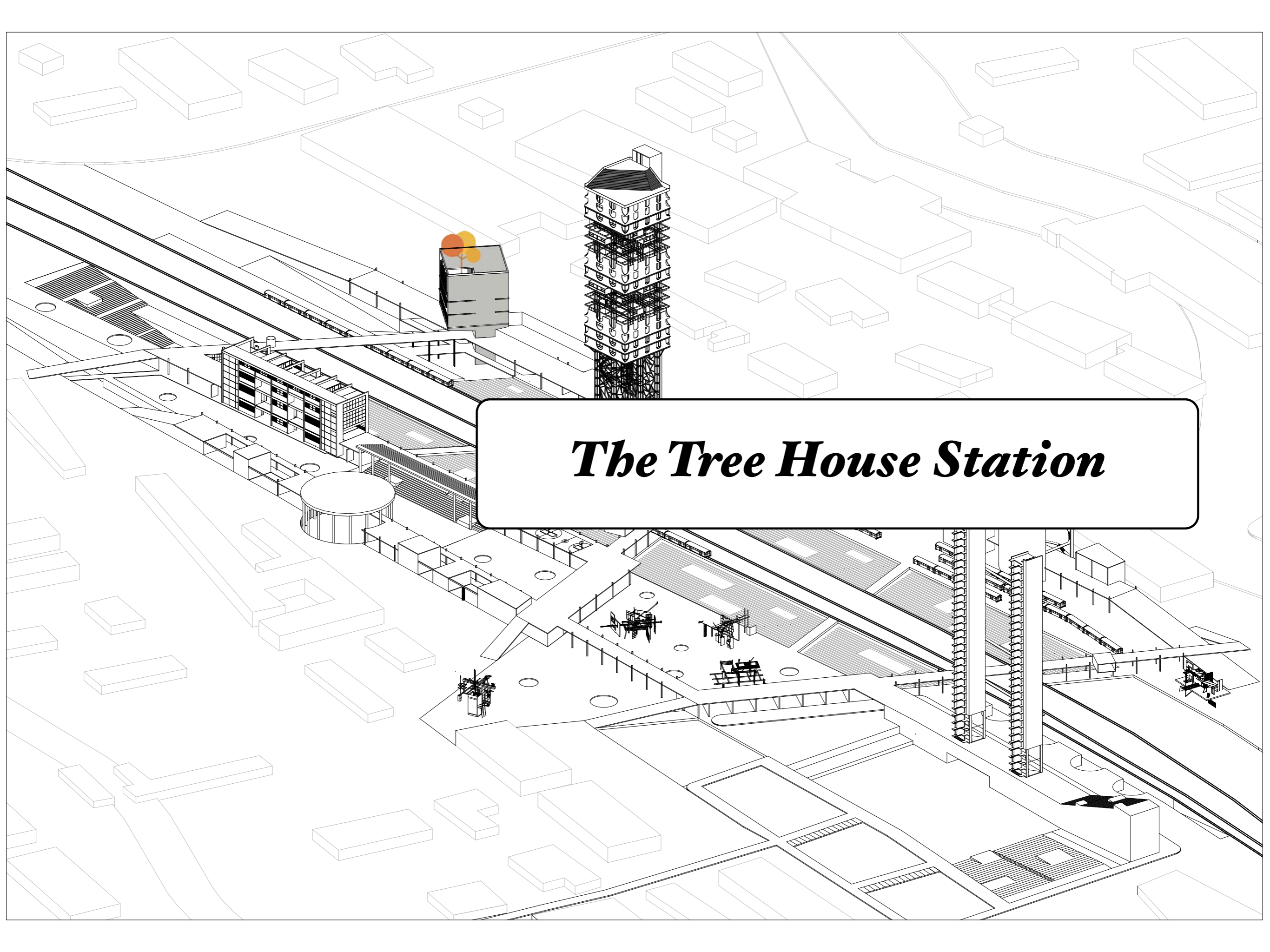
The Drive-Through Shelters



The Stairway to Heaven

The Medical Art Gallery





The Tree House Station

An architectural rendering of a modern botanical museum complex. The central feature is a tall, slender tower with a dark, textured facade and a flat roof. To its left is a long, low-profile building with a series of glass-fronted sections. In the foreground, there are several circular and rectangular outdoor seating areas with tables and chairs, where stylized human figures are shown. A large, circular structure is also visible near the center. The background shows a city street grid with various building footprints. The entire scene is rendered in a clean, black-and-white line-art style with some color accents like orange and yellow.

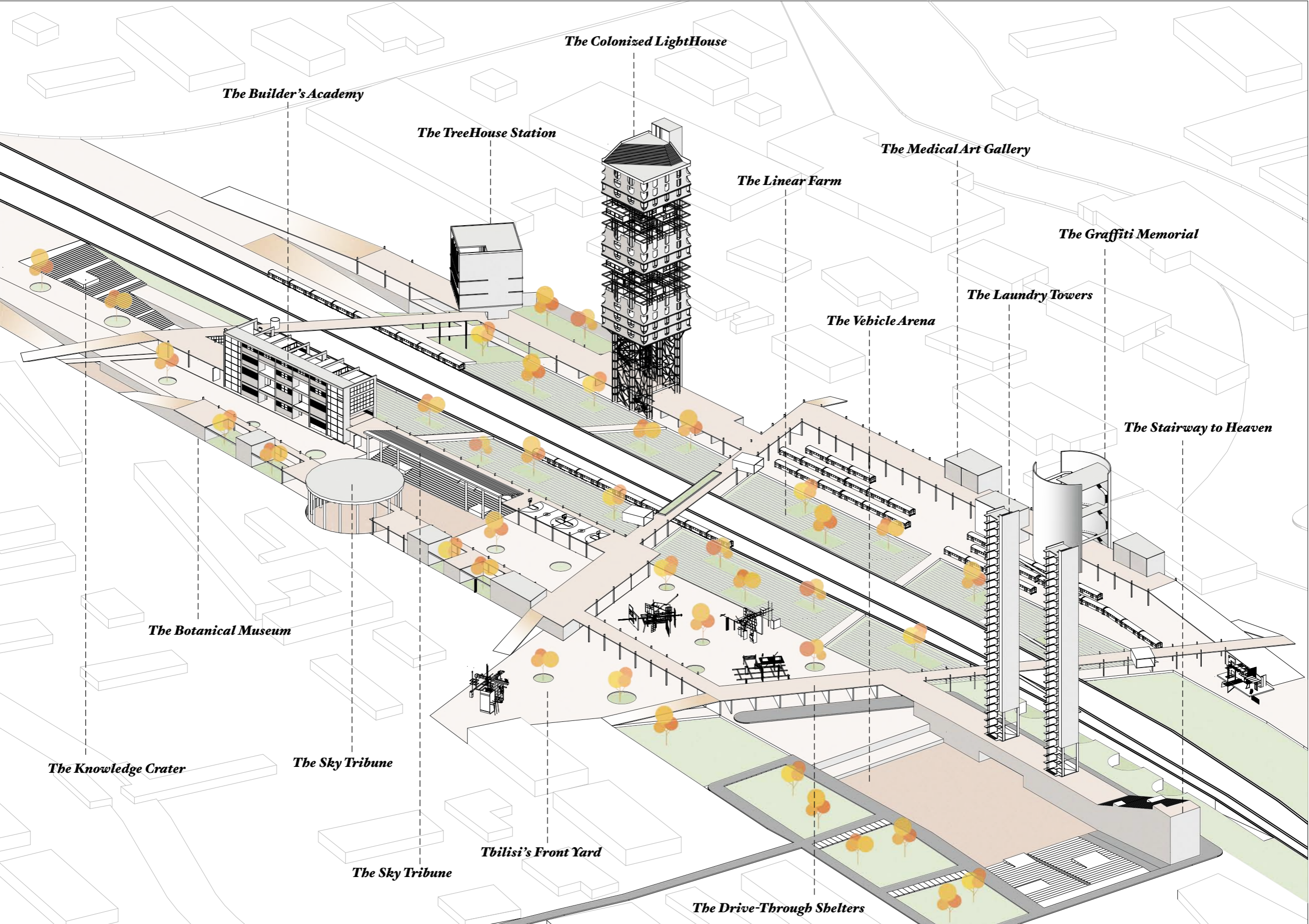
The Botanical Museum

An architectural line drawing of a complex urban transit hub. The scene is viewed from an elevated perspective. A central railway line runs diagonally across the middle, with several train cars visible. To the left, a large, multi-story building with a grid-like facade is connected to a circular platform by a walkway. A tall, slender, cylindrical structure stands near the center. To the right, another tall, rectangular structure with a grid-like facade is visible. The surrounding area is filled with various buildings, some with flat roofs and others with more complex shapes. A compass rose is located in the bottom right corner. A white rectangular box with rounded corners is superimposed over the center of the image, containing the text 'The Urban Circus' in a bold, italicized serif font.

The Urban Circus

An architectural line drawing of a city block. A prominent feature is a tall, multi-story building with a complex, lattice-like facade, situated on a raised platform. To its right, a large, modern structure with a curved, cylindrical top is visible. In the foreground, a large, flat area is marked with a grid of dots, suggesting a performance space or arena. Several musical notes and treble clefs are scattered across the scene, some appearing to float or be attached to the buildings, symbolizing music and performance. The overall style is clean and technical, typical of architectural visualization.

The Vehicle Arena



The Colonized LightHouse

The Builder's Academy

The TreeHouse Station

The Medical Art Gallery

The Linear Farm

The Graffiti Memorial

The Laundry Towers

The Vehicle Arena

The Stairway to Heaven

The Botanical Museum

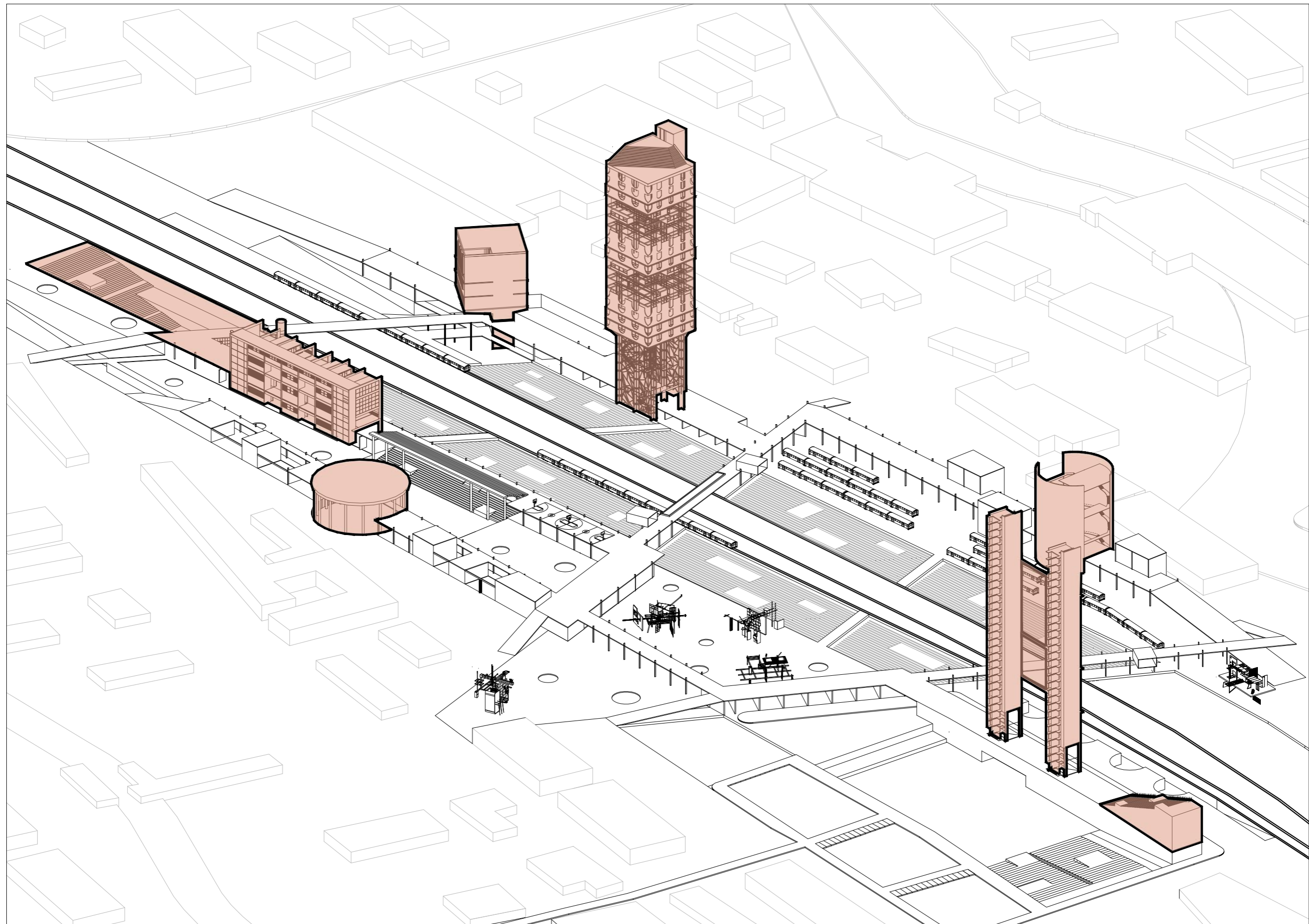
The Knowledge Crater

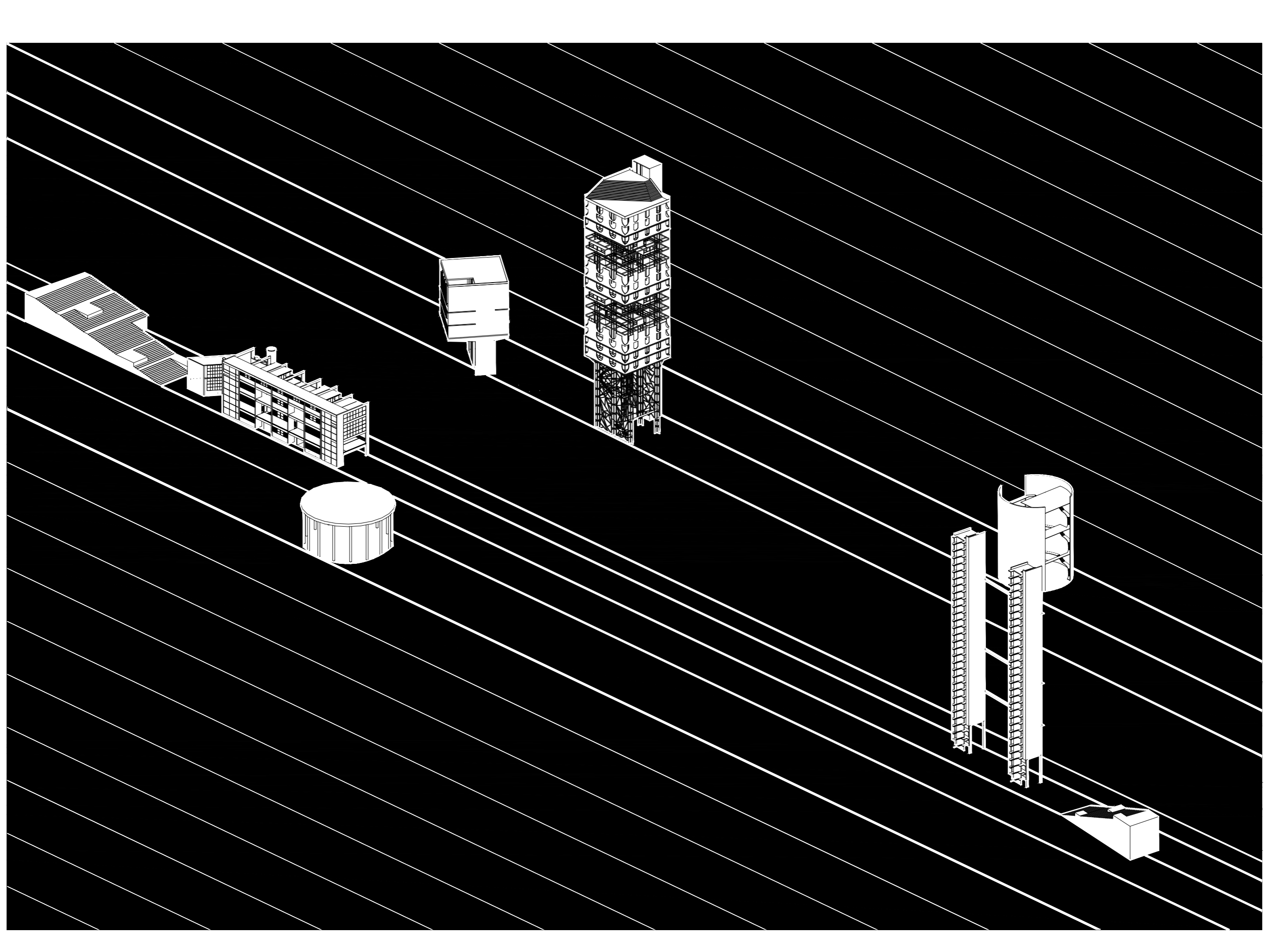
The Sky Tribune

Tbilisi's Front Yard

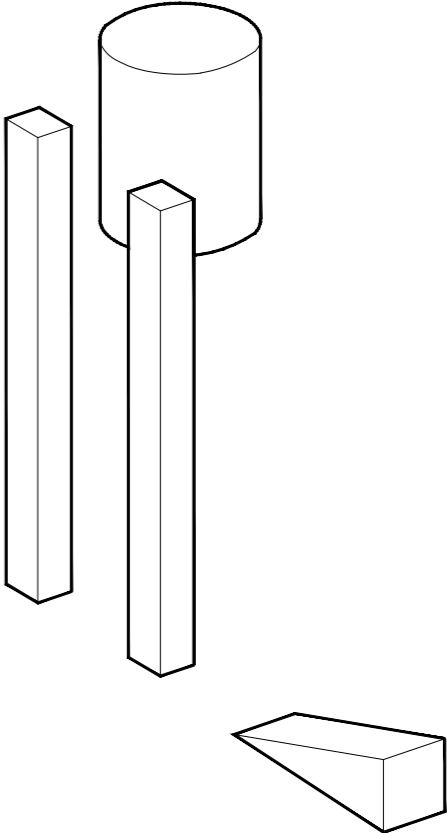
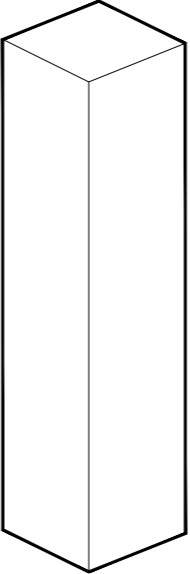
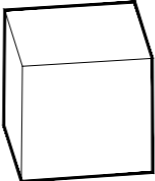
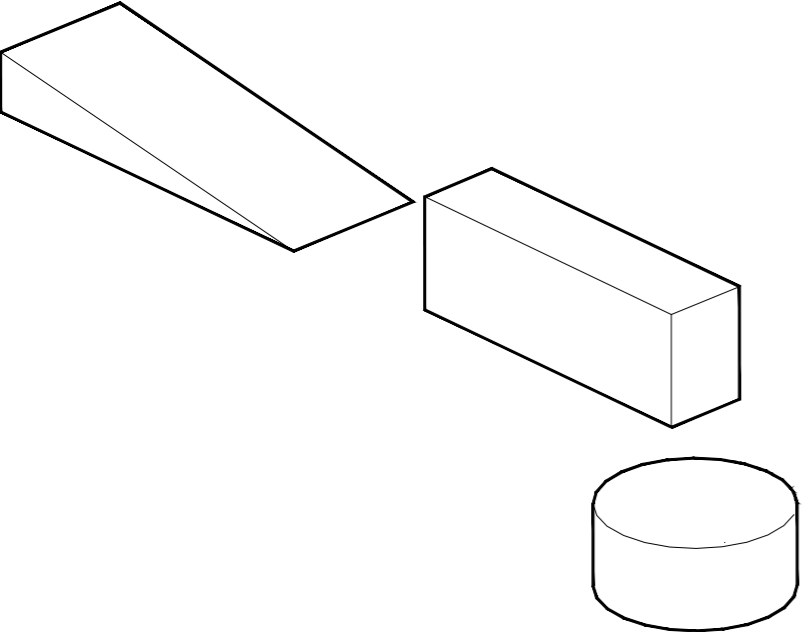
The Sky Tribune

The Drive-Through Shelters

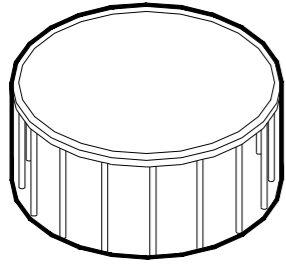




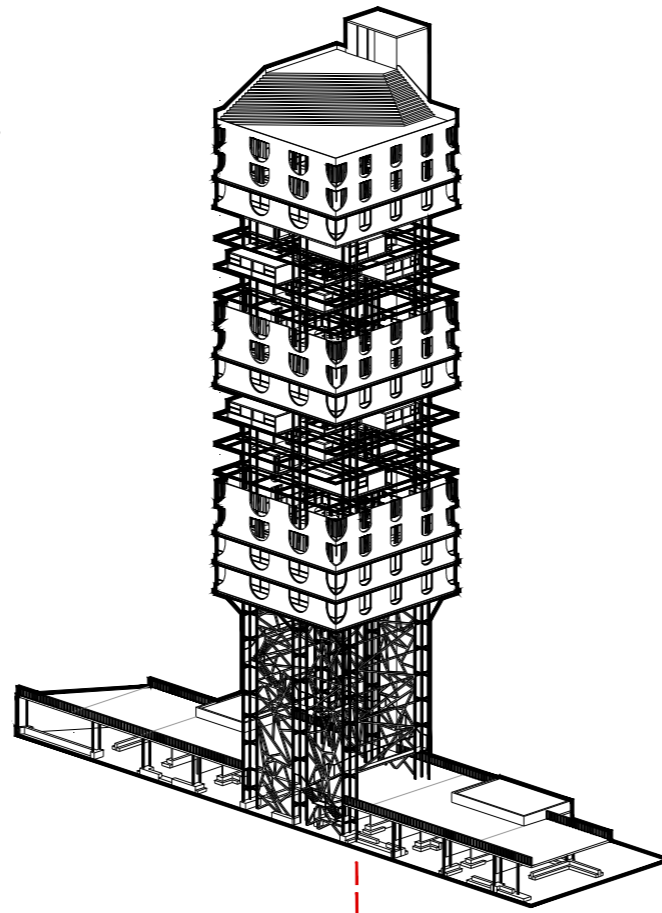
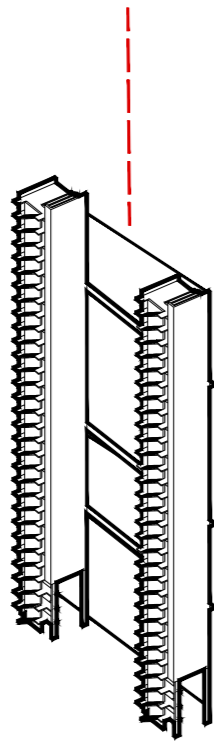
PARASITE COMPONENTS



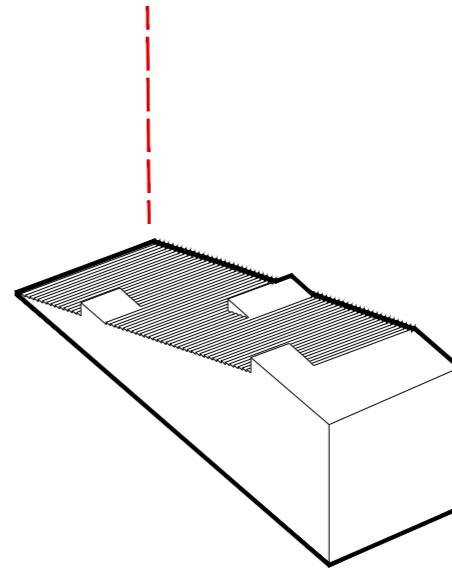
The Urban Circus



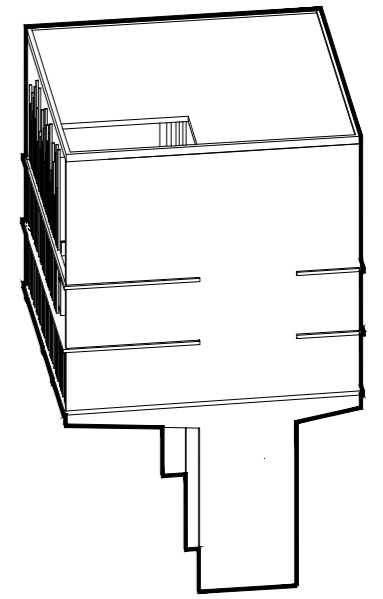
The Laundry Towers



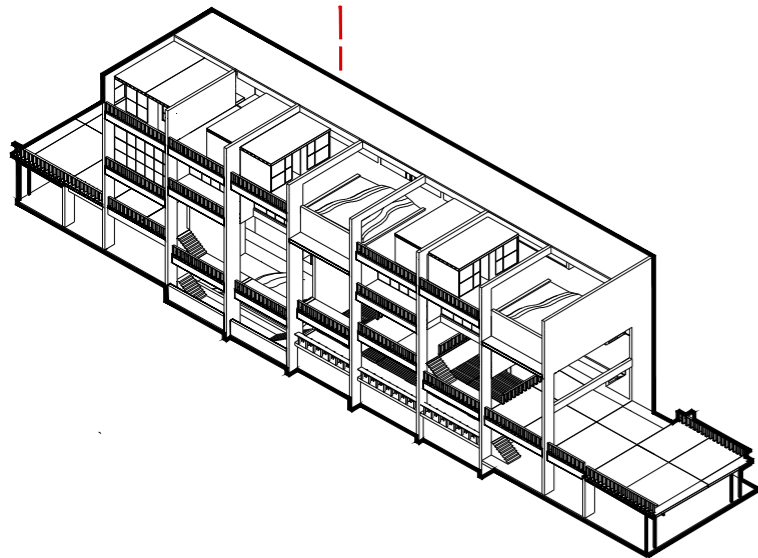
The Stairway to Heaven



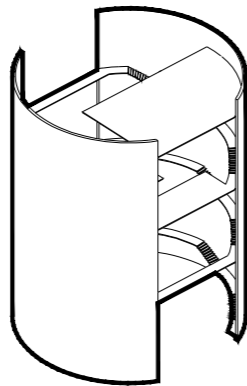
The TreeHouse Station



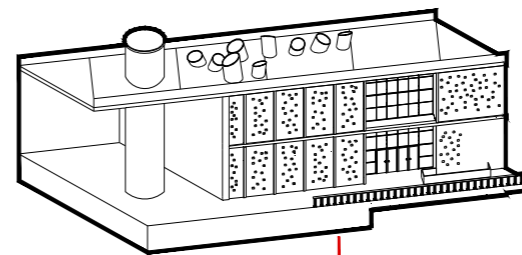
The Builder's Academy



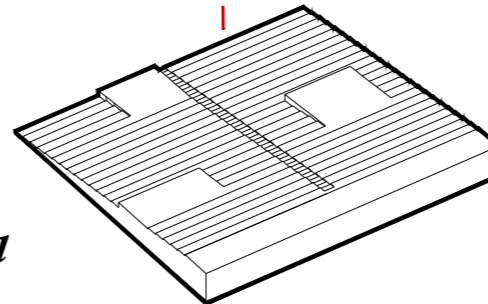
The Colonized LightHouse



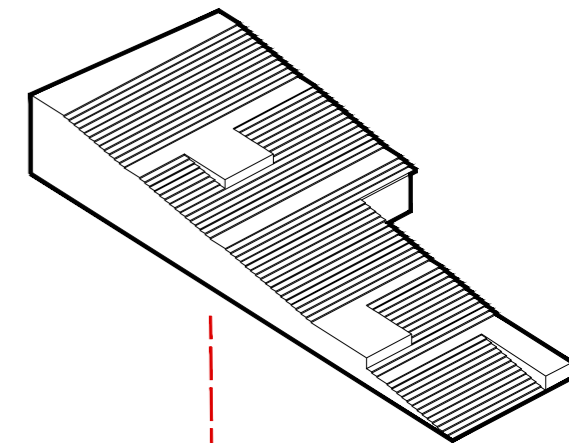
The Vehicle Arena



The Graffiti Memorial

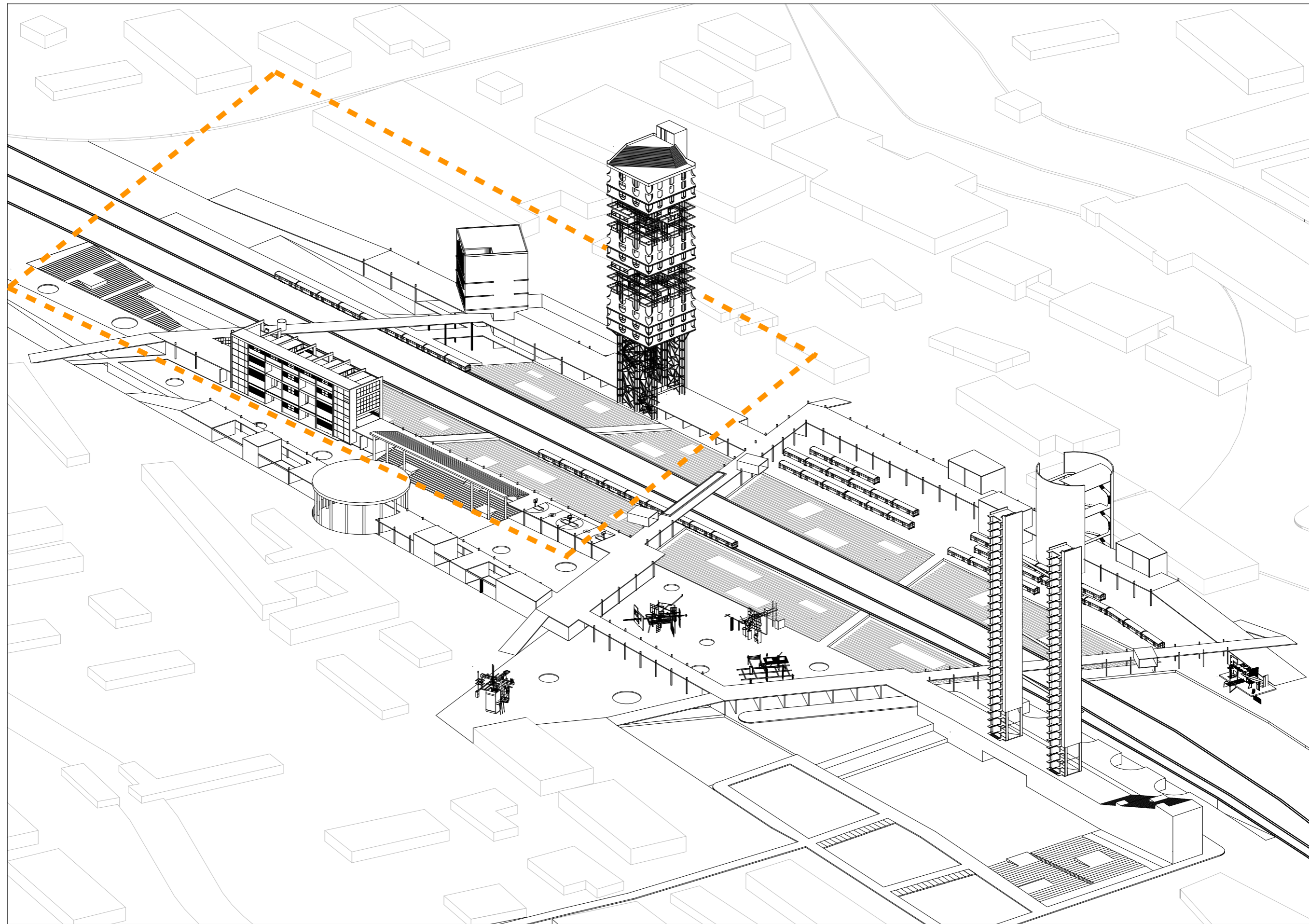


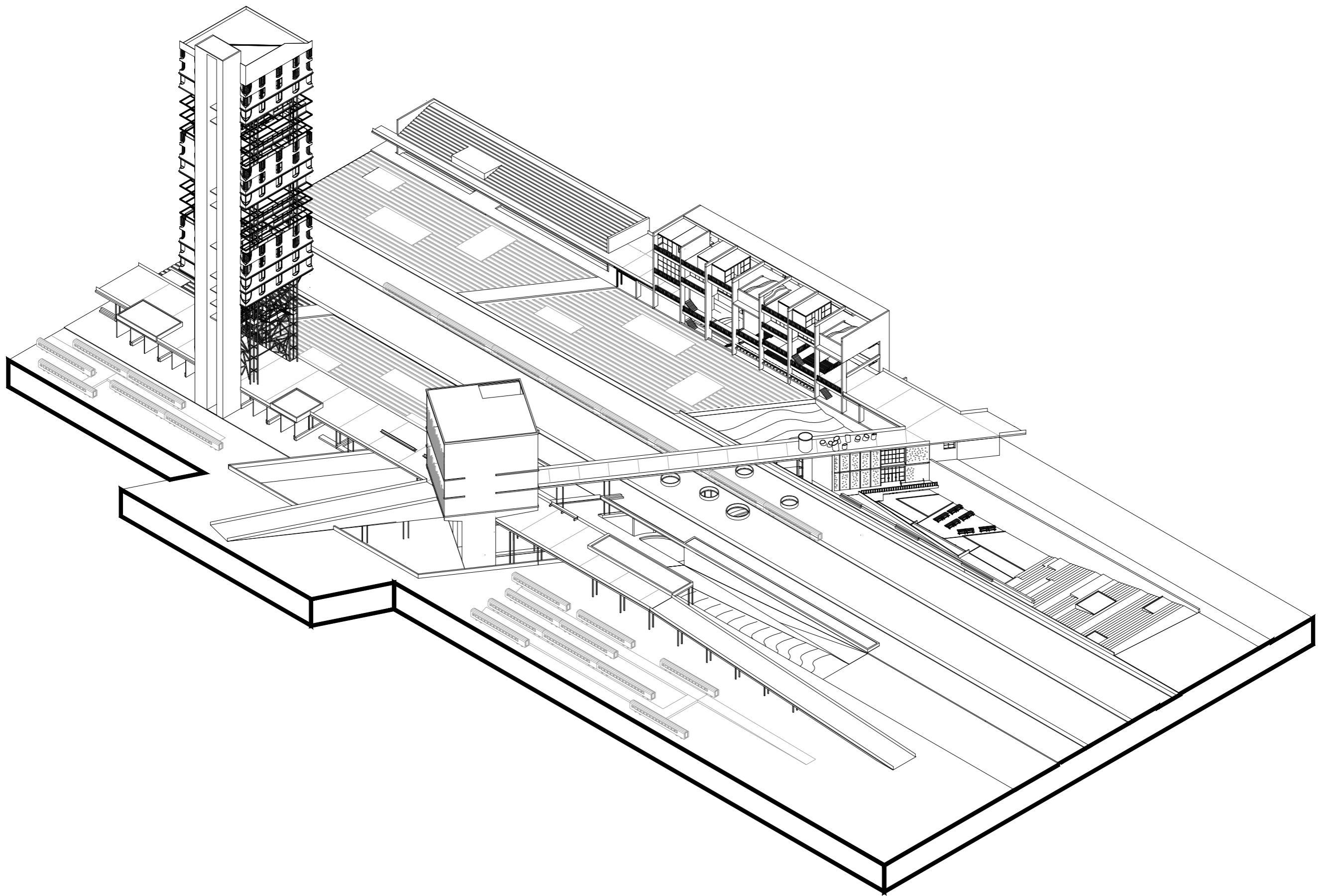
The Storybook Box

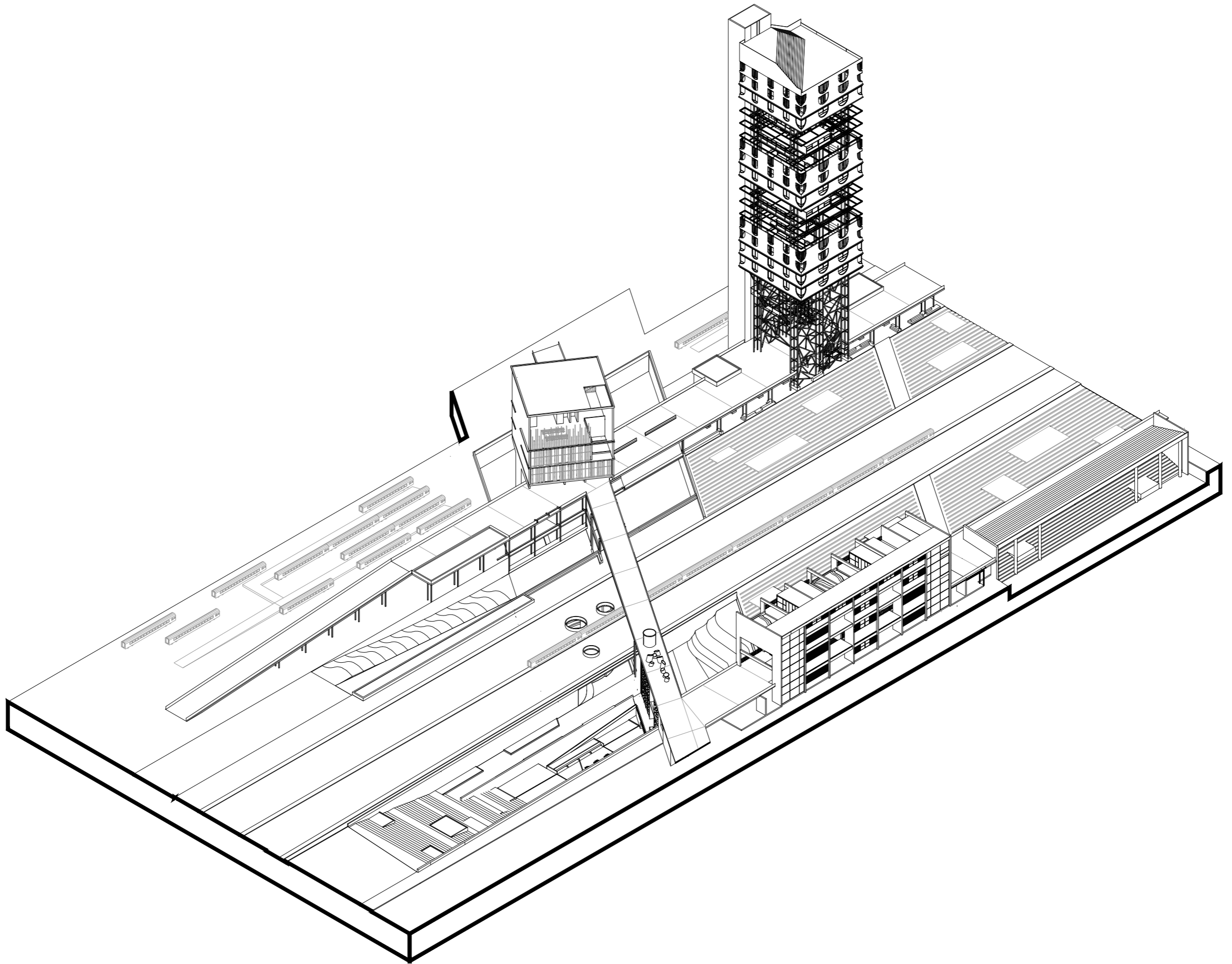


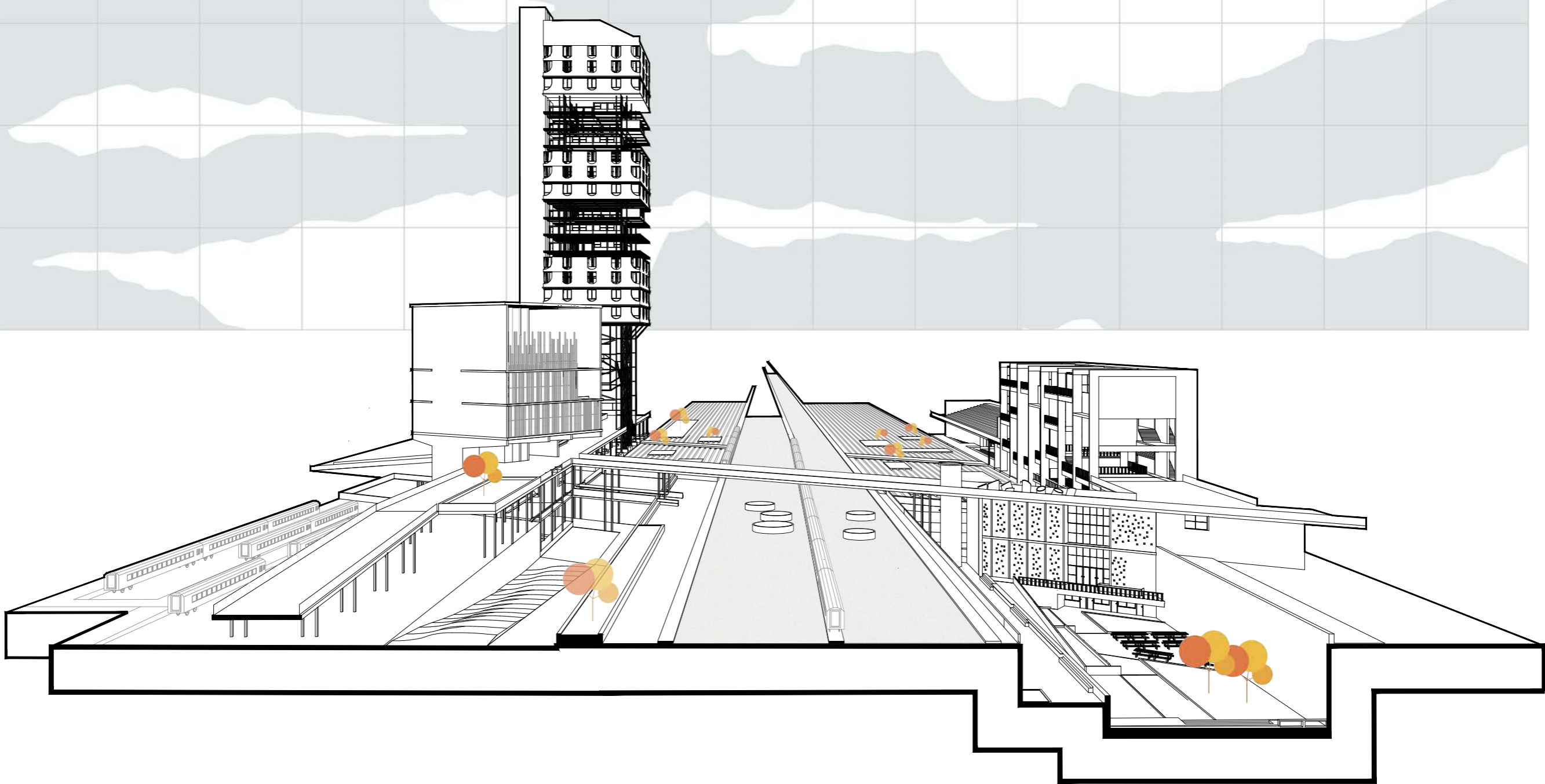
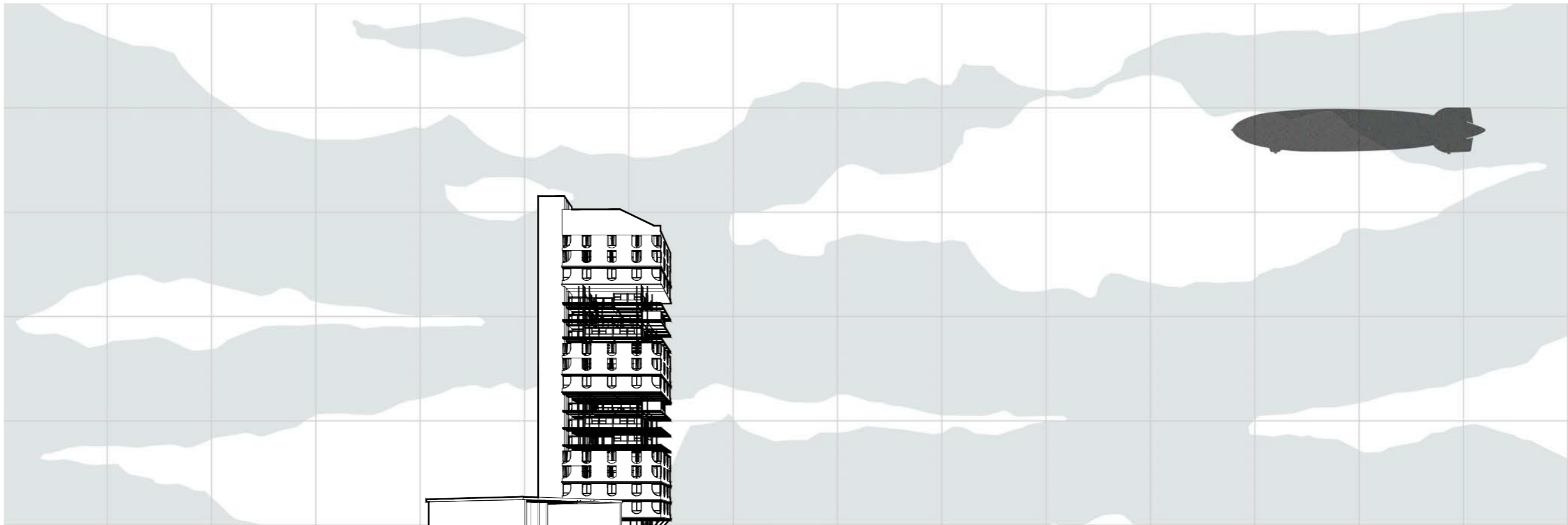
The Knowledge Crater

3. ZOOM - IN PROPOSAL









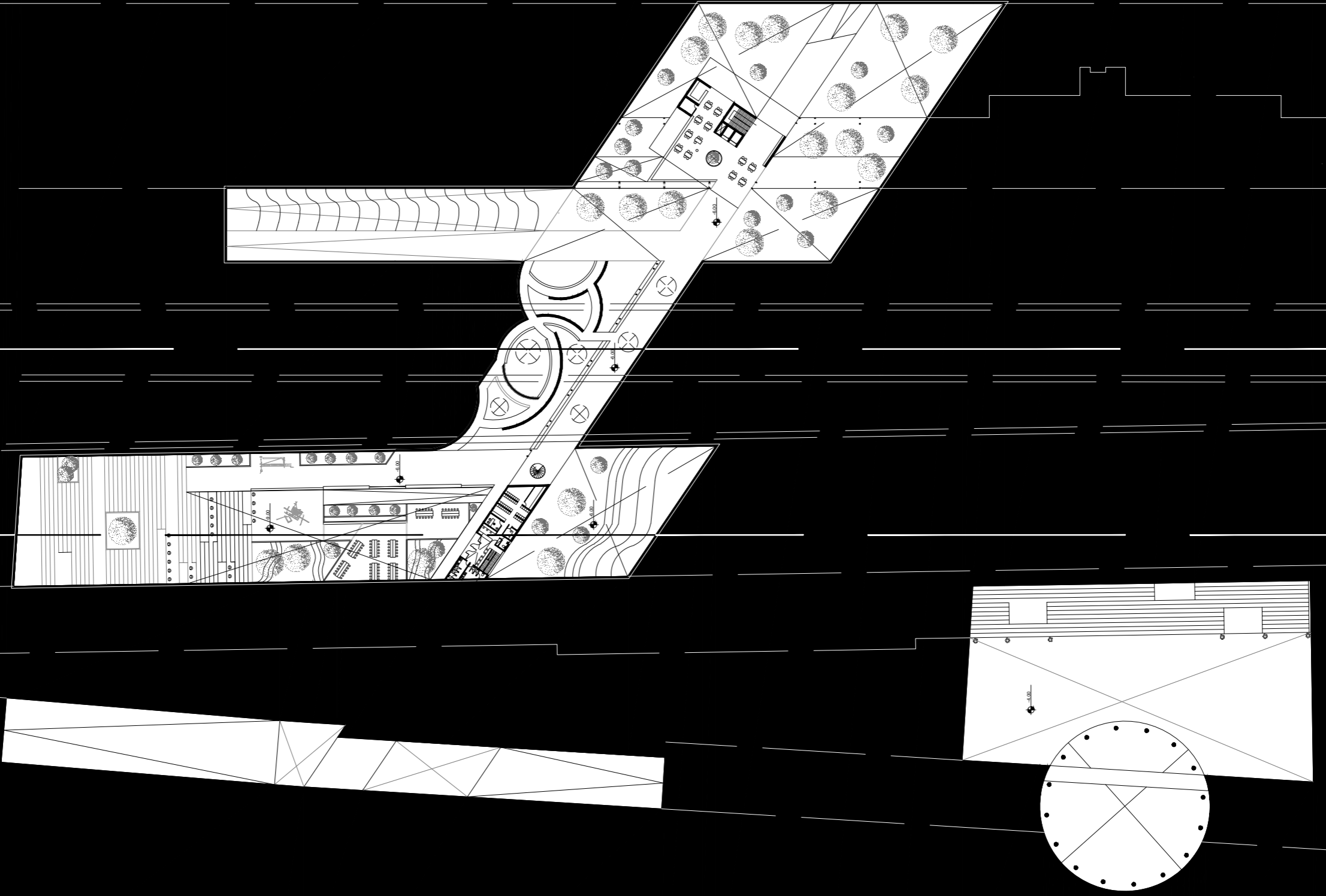


A-A'

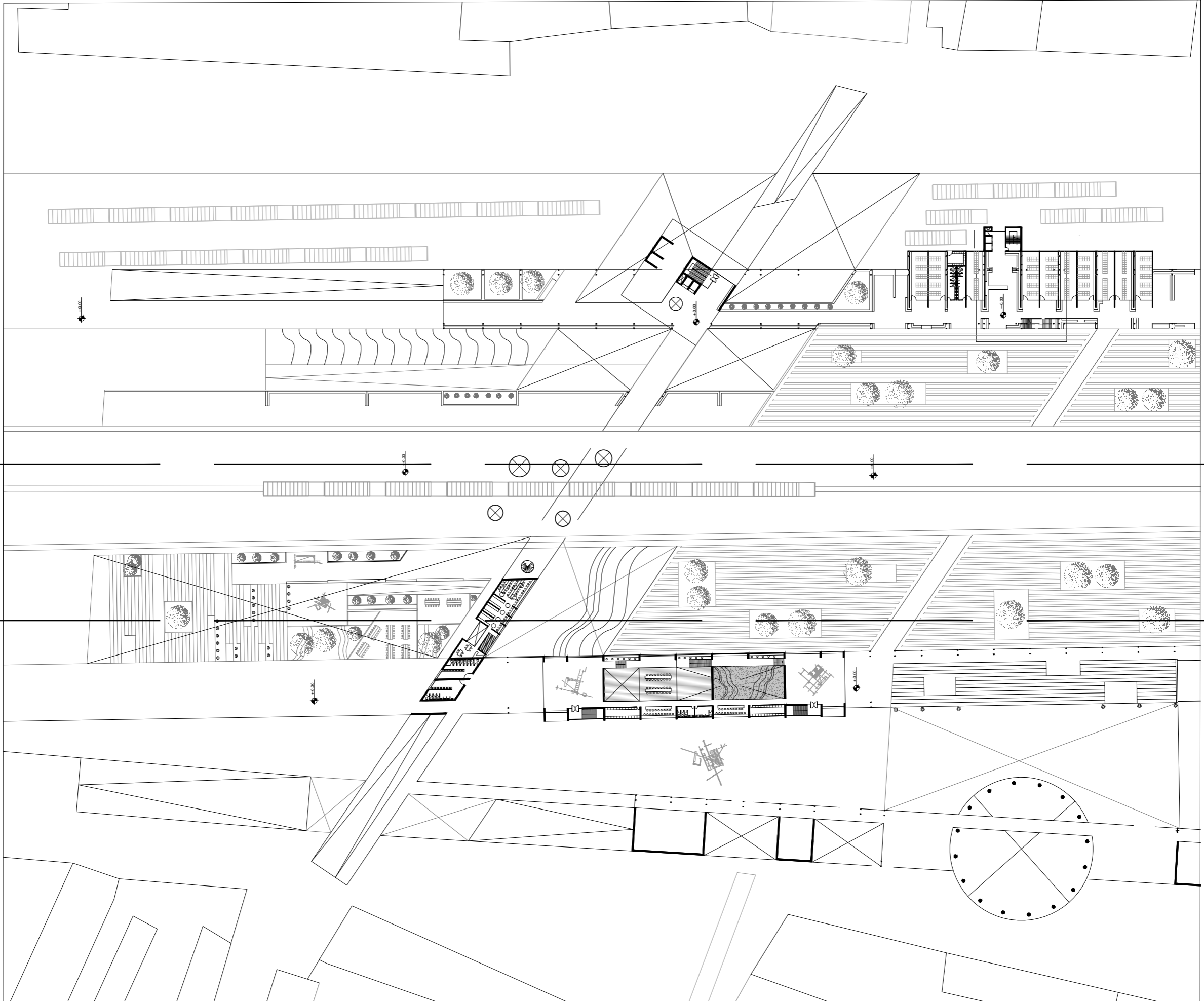
B-B'

A-A'

B-B'



FLOOR PLAN -6.00



A-A

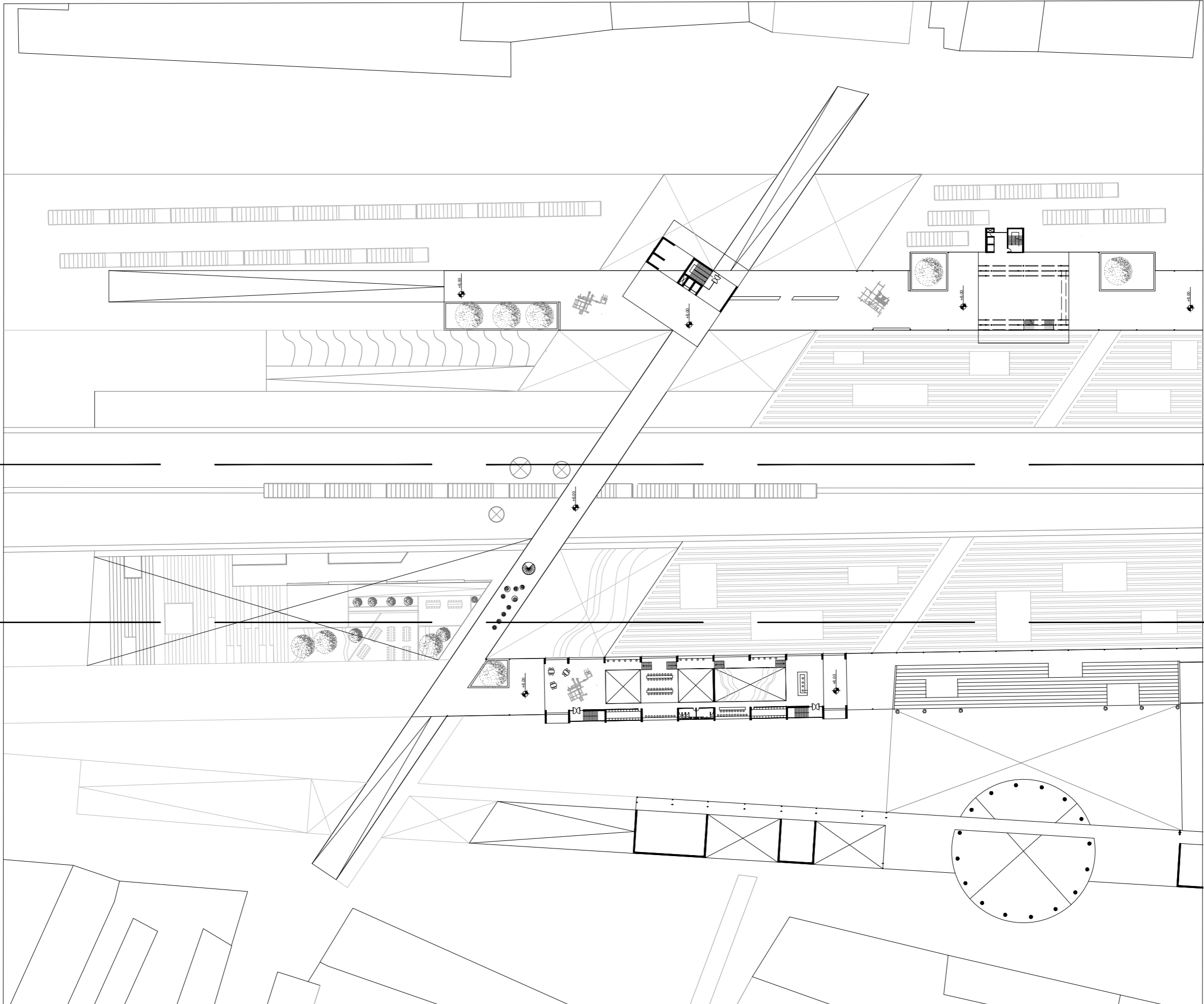
A-A

B-B

B-B



FLOOR PLAN +/- 0.00



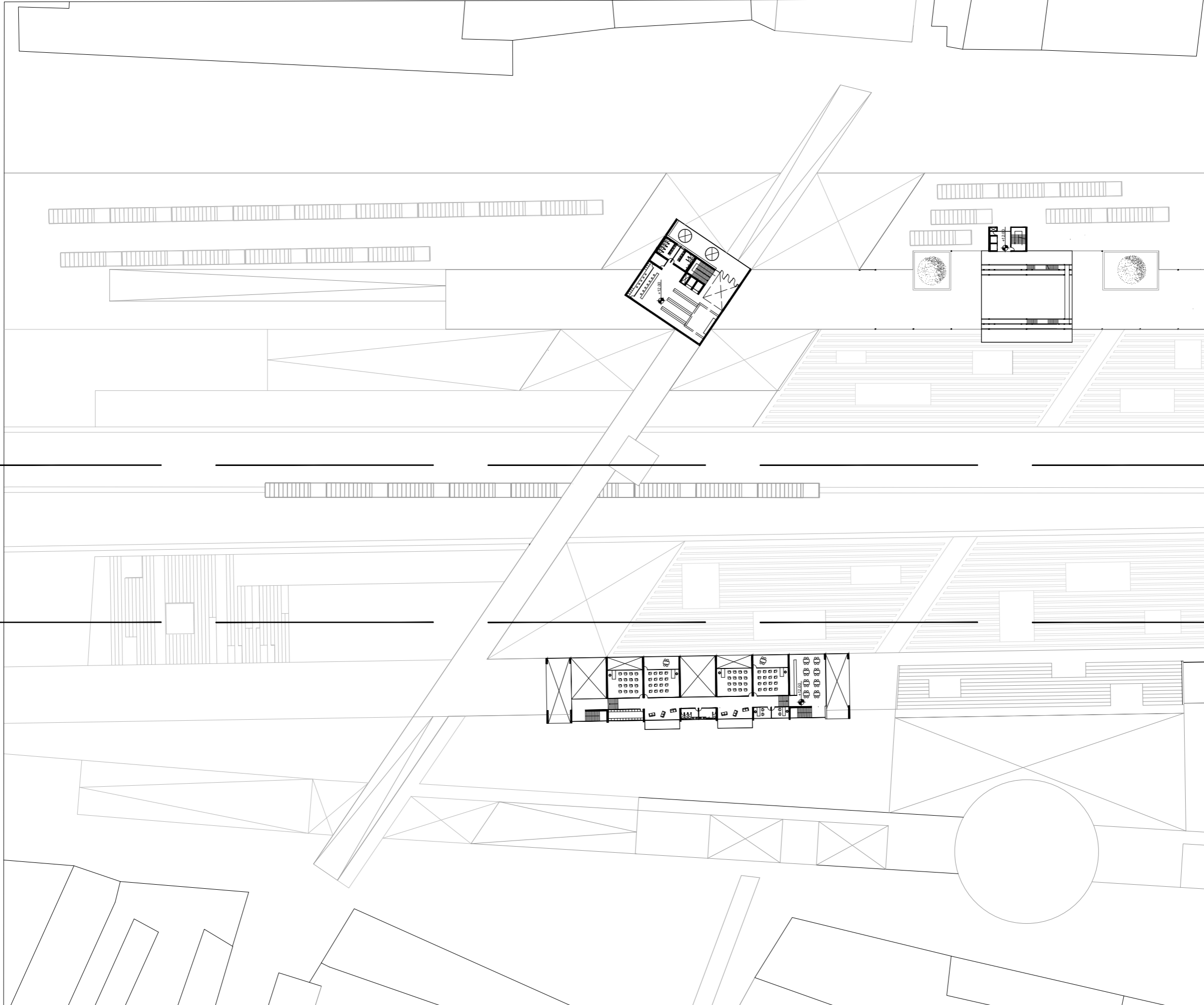
A-A

A-A

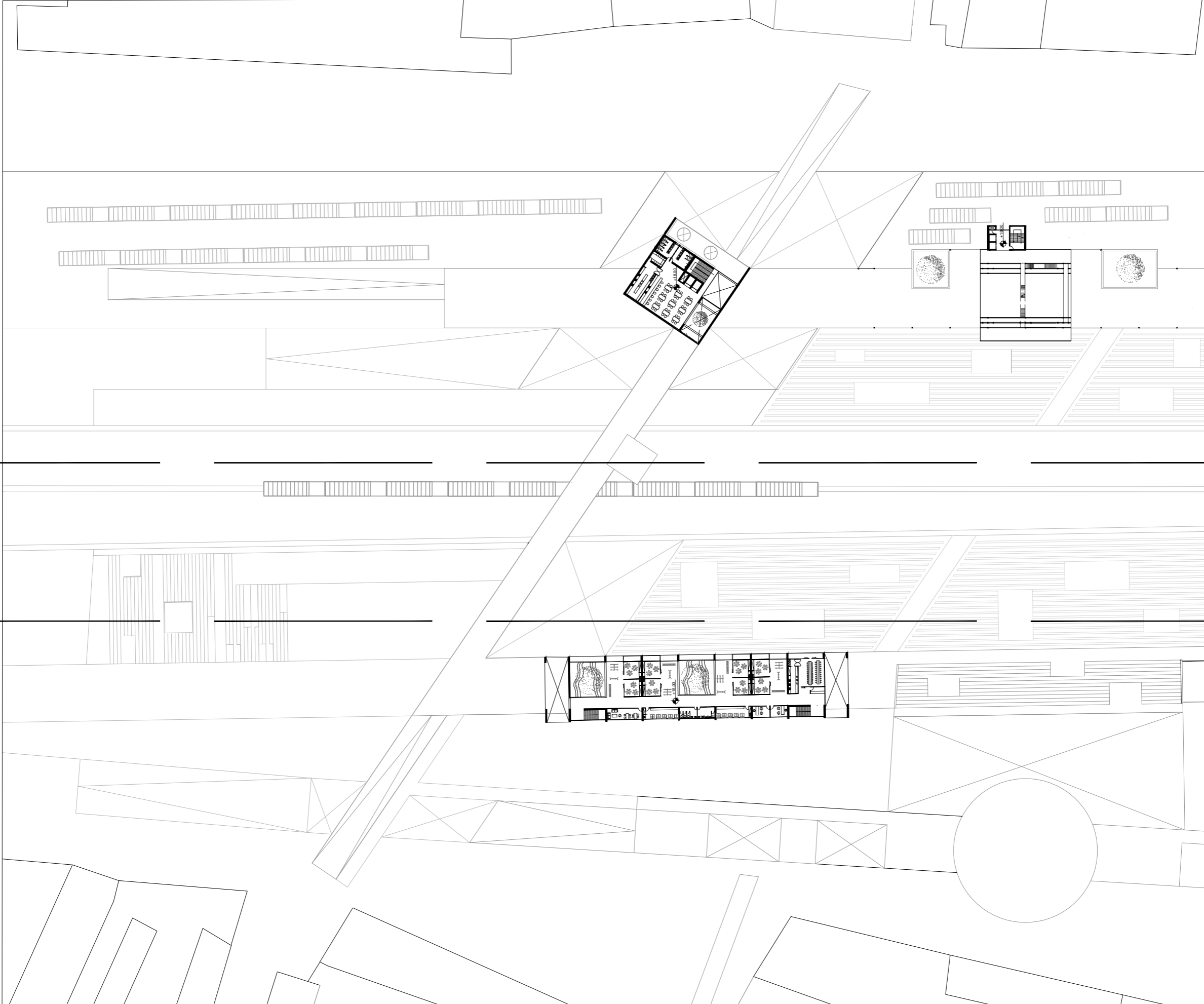
B-B

B-B

FLOOR PLAN +6.00



FLOOR PLAN +12.00



A-A

A-A

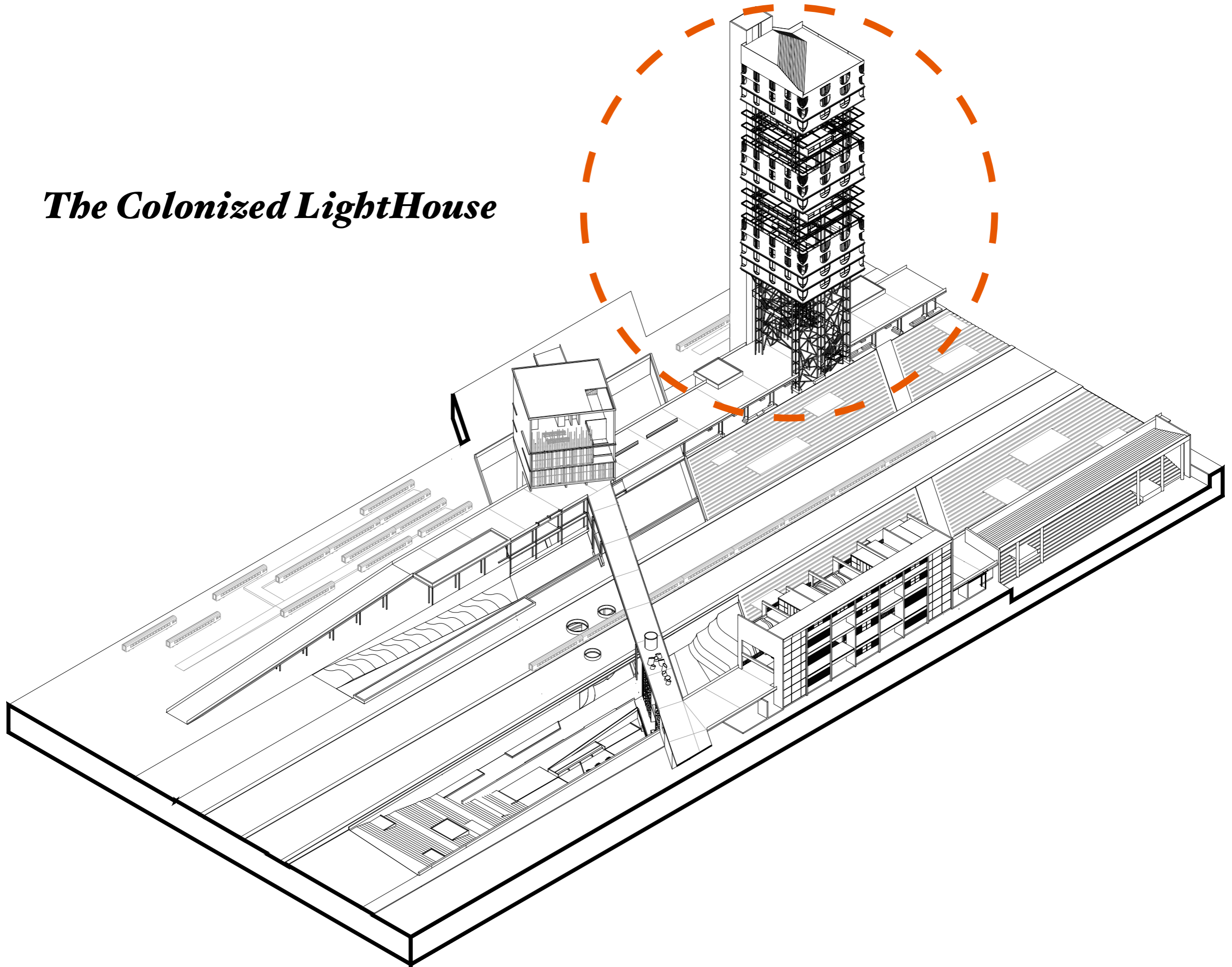
B-B

B-B

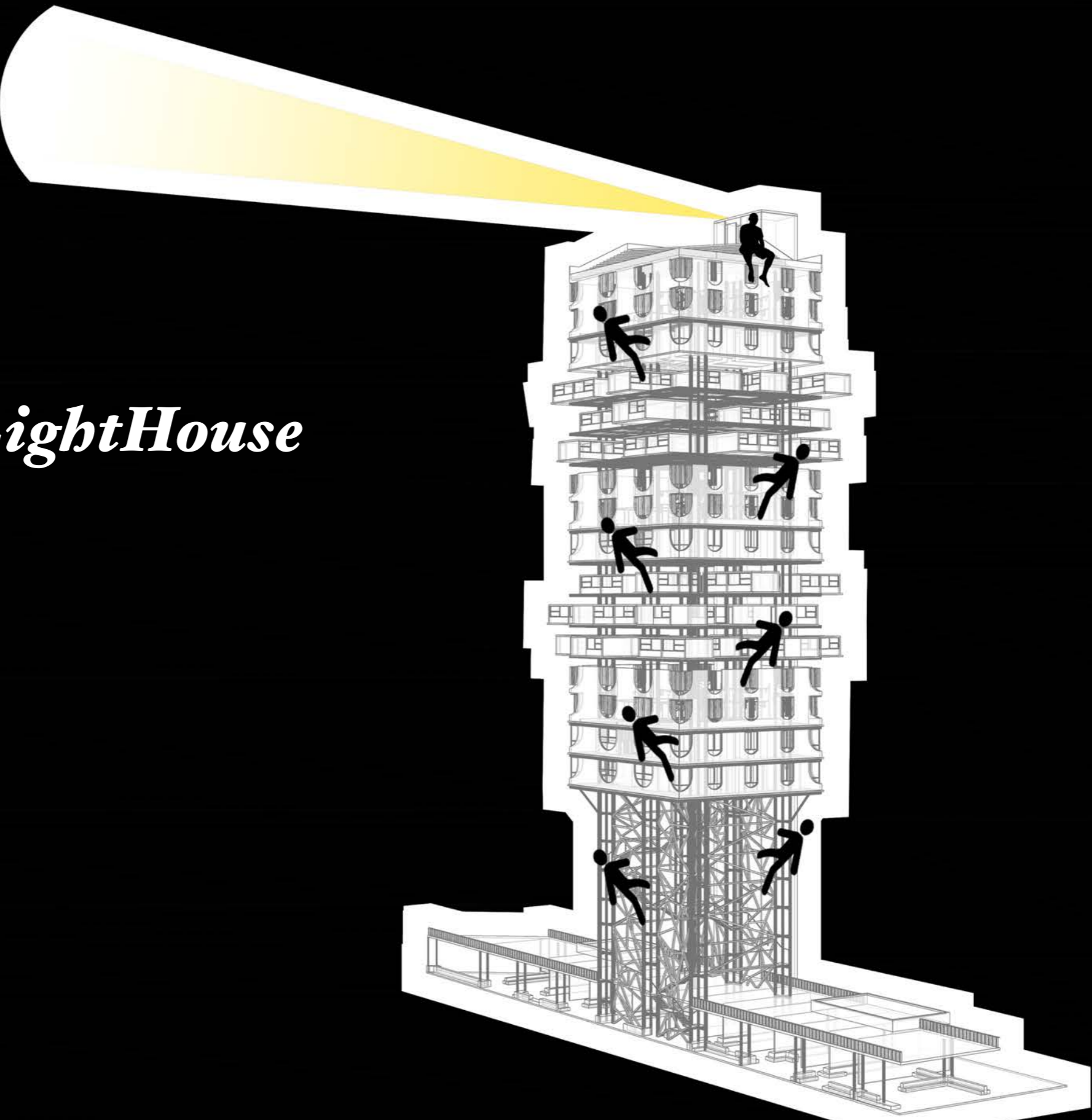


FLOOR PLAN +18.00

The Colonized LightHouse

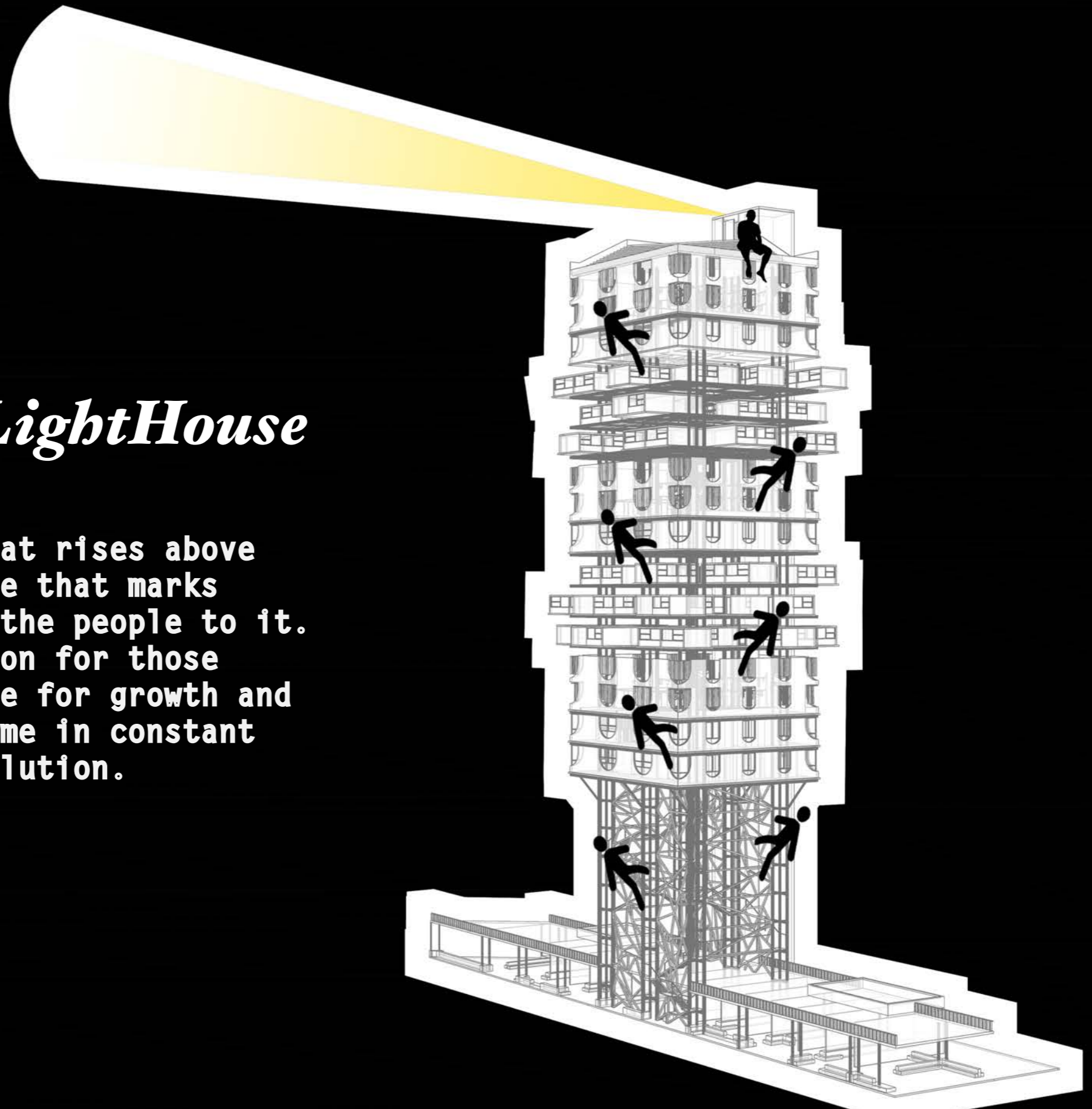


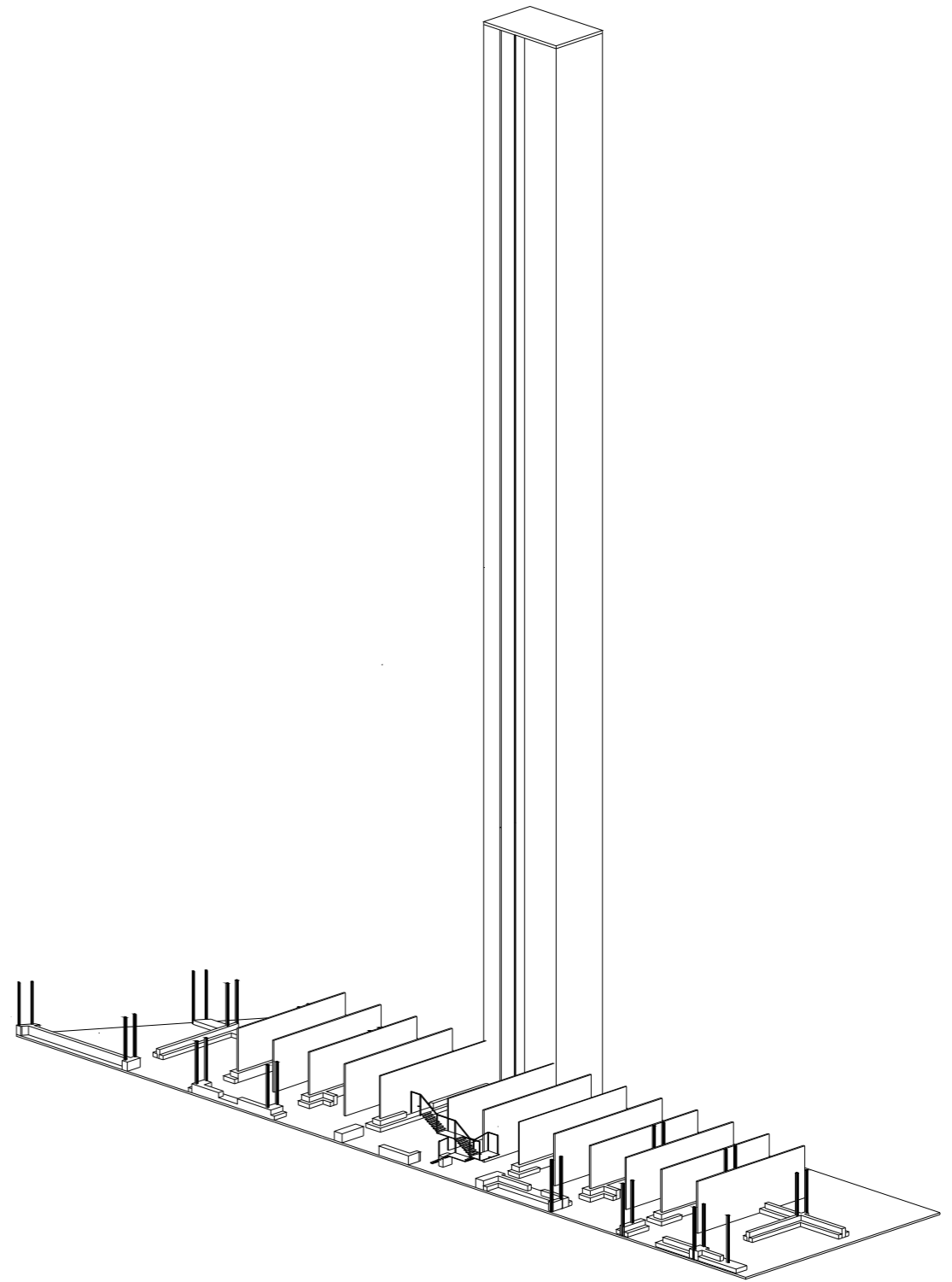
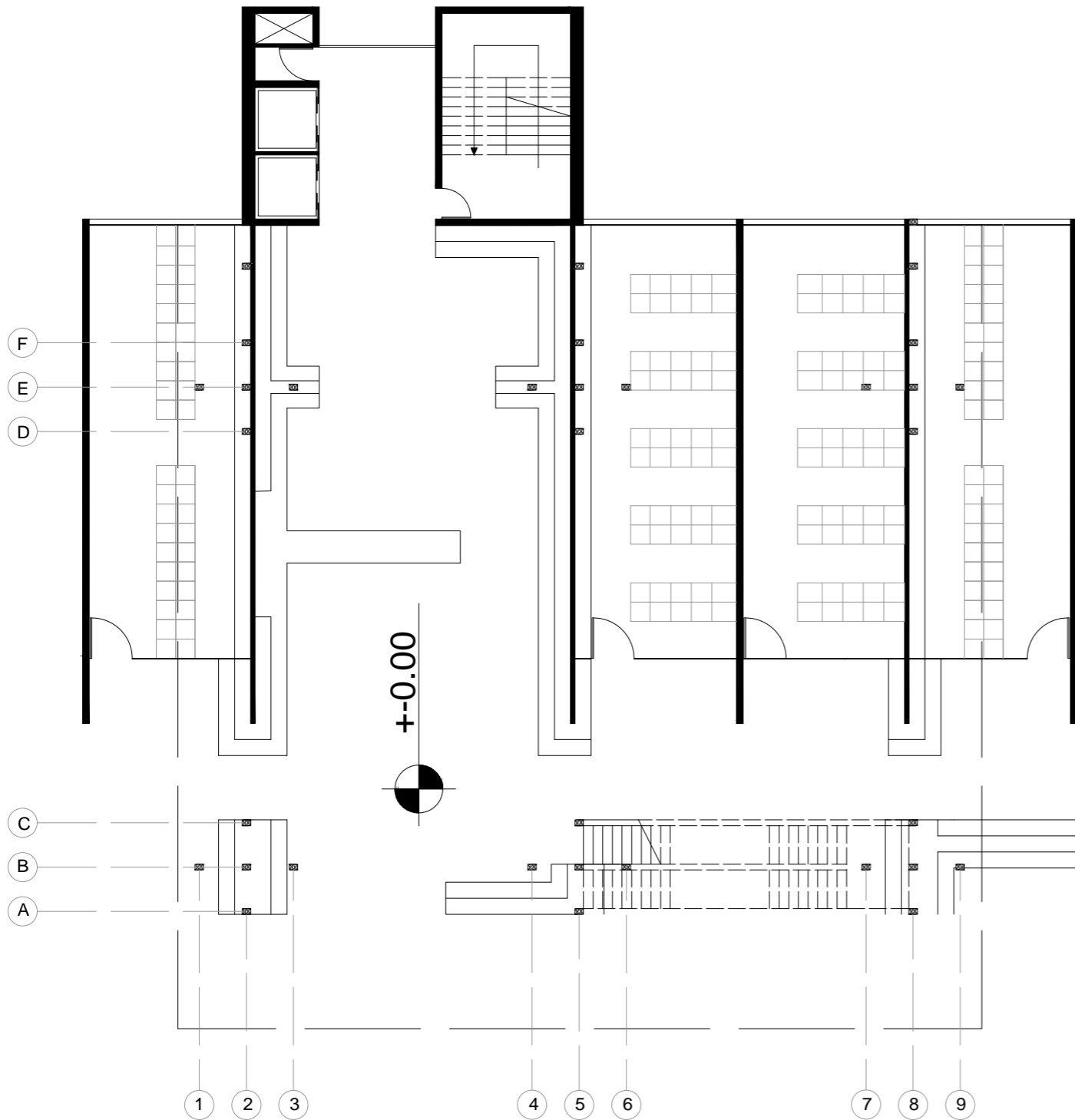
The Colonized LightHouse



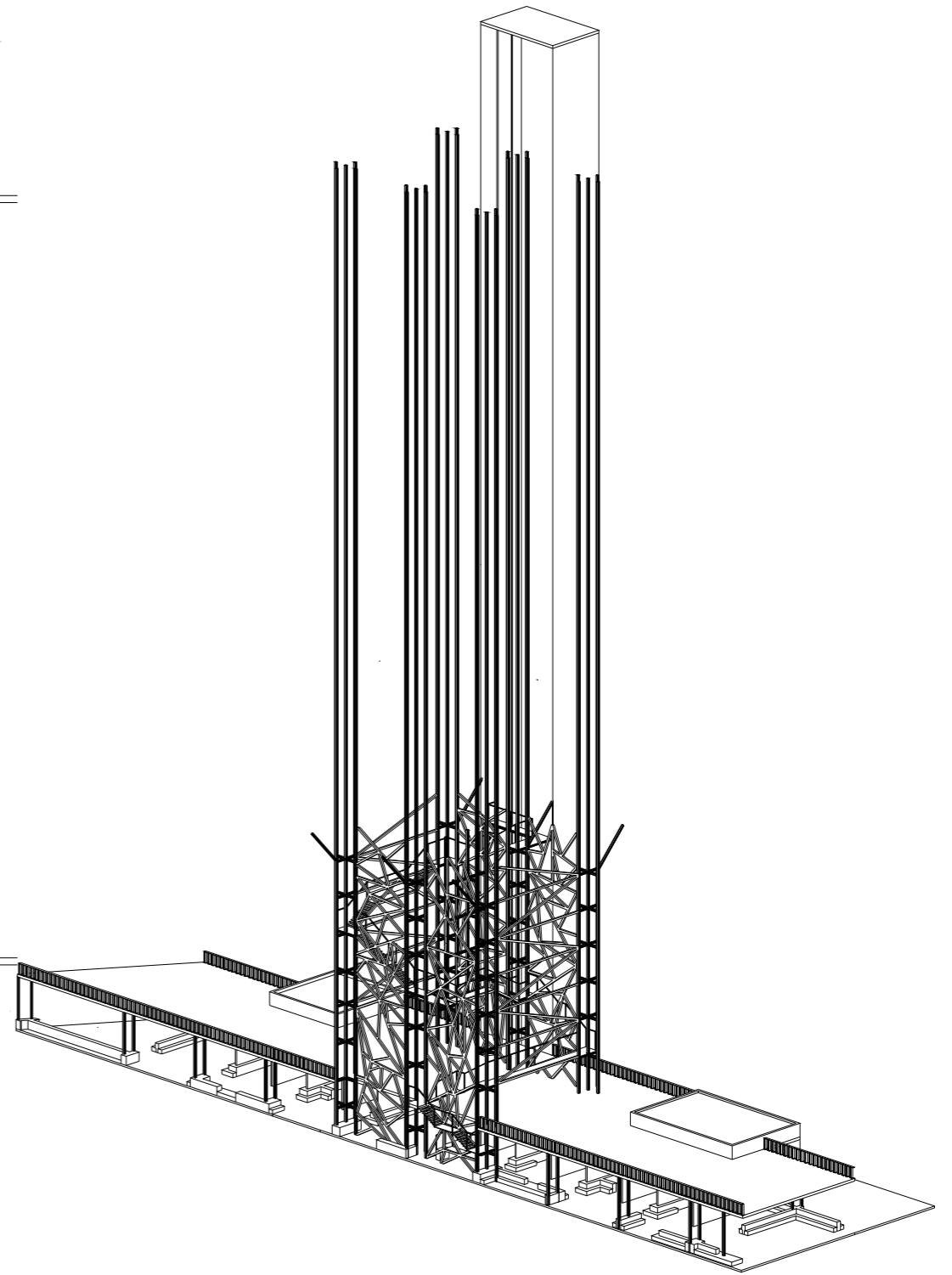
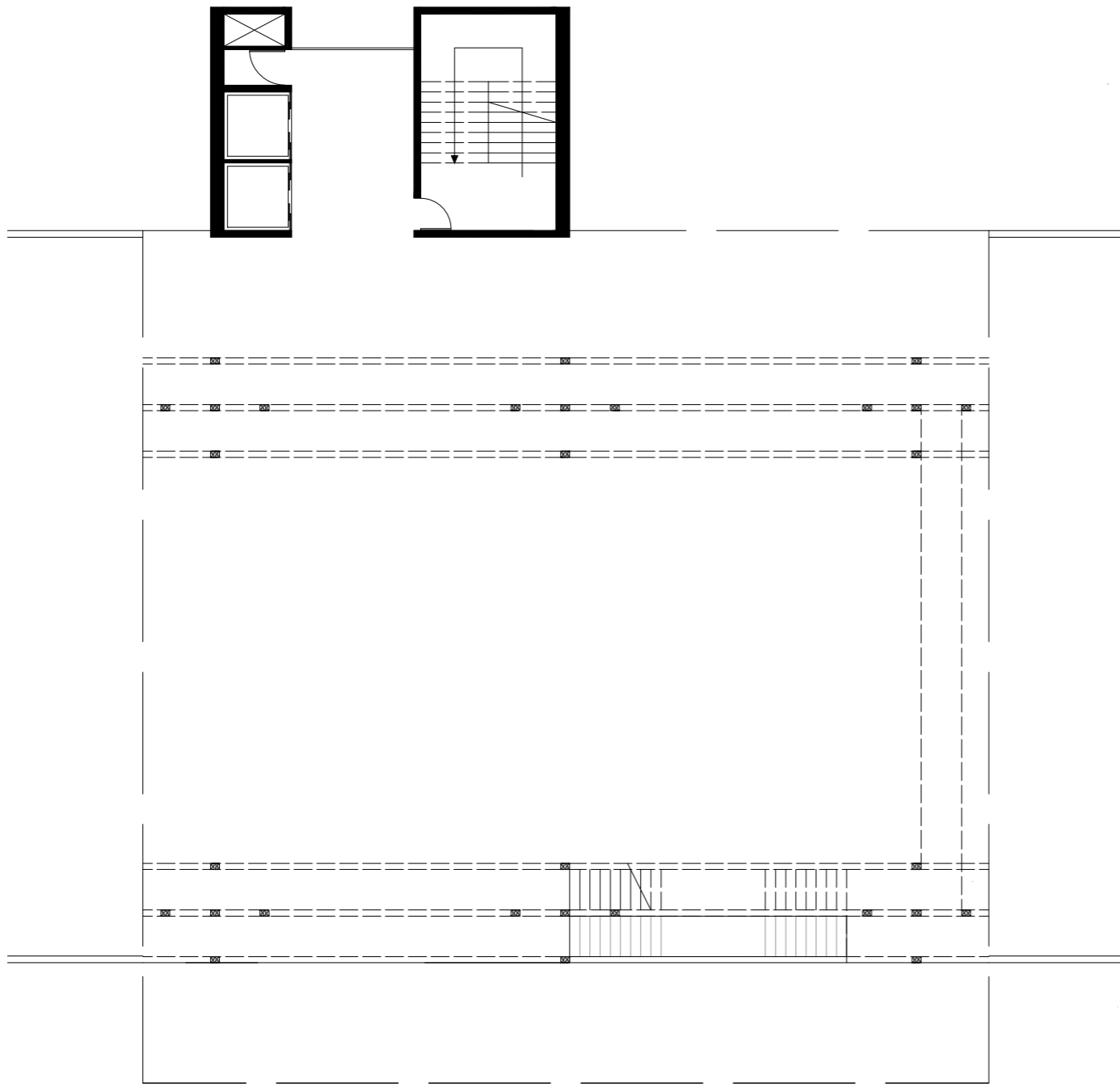
The Colonized LightHouse

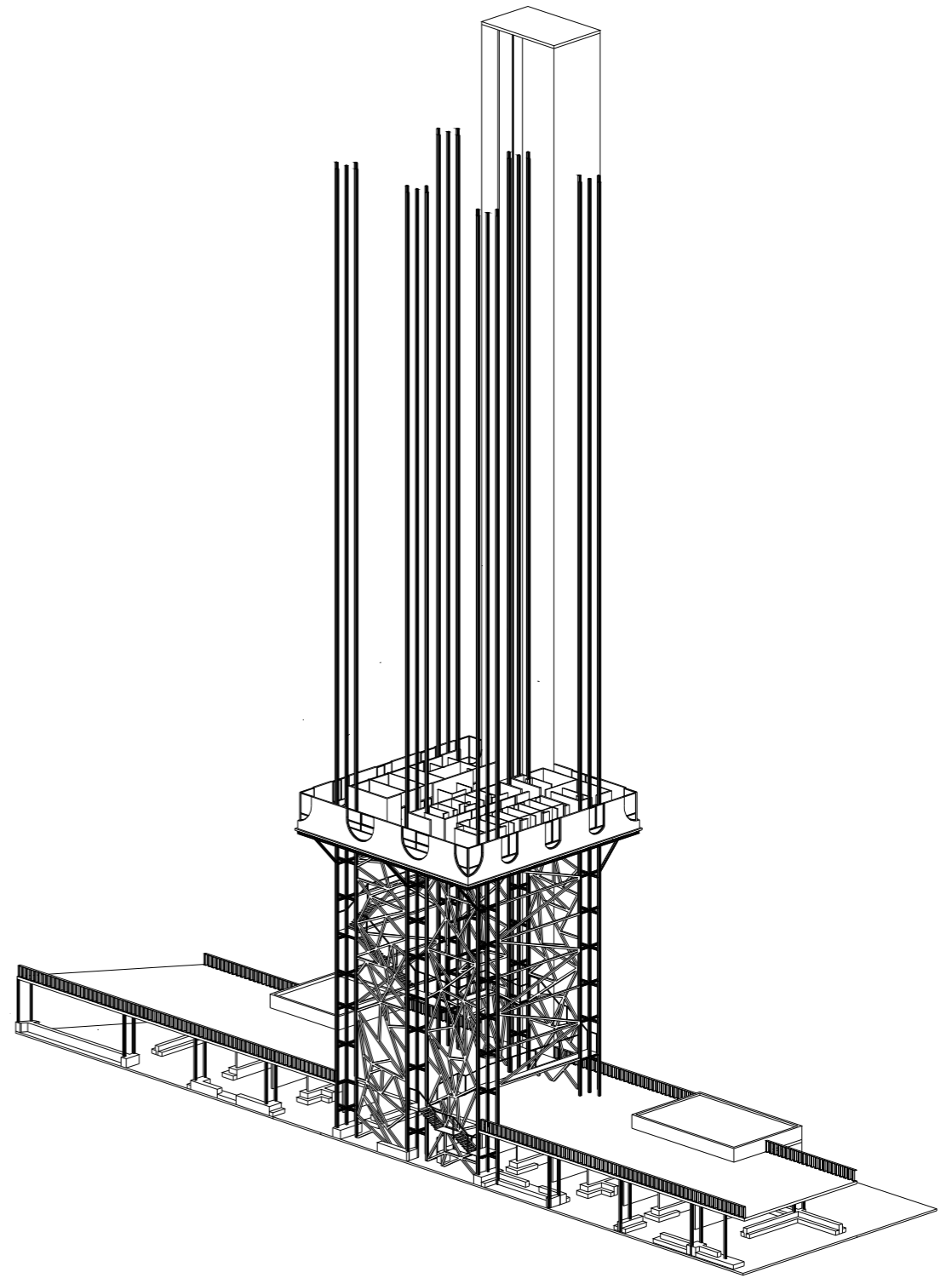
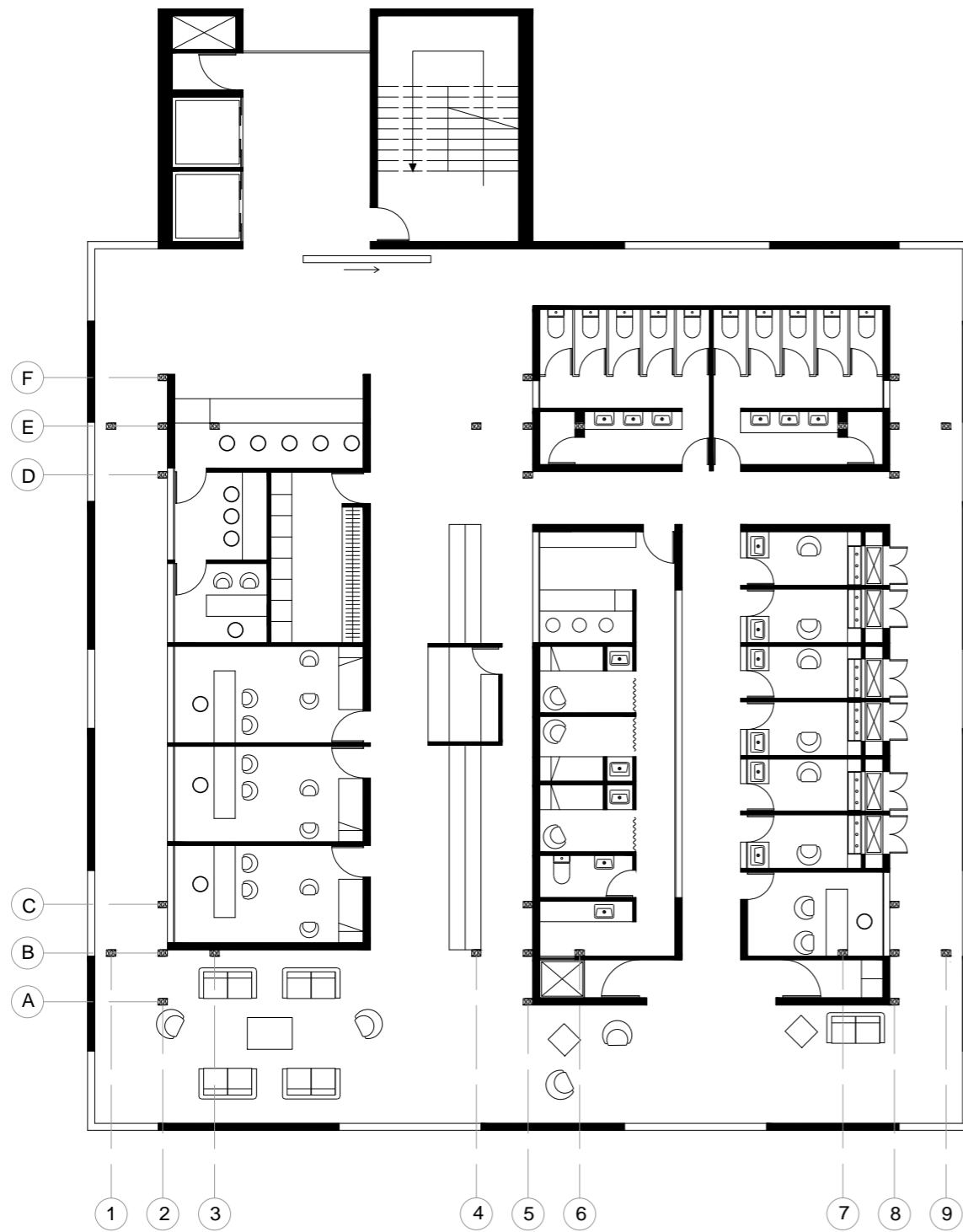
A landmark, an icon that rises above the city, a light house that marks its territory guiding the people to it. A space for colonization for those without a home. A place for growth and gathering. A public home in constant transformation and evolution.



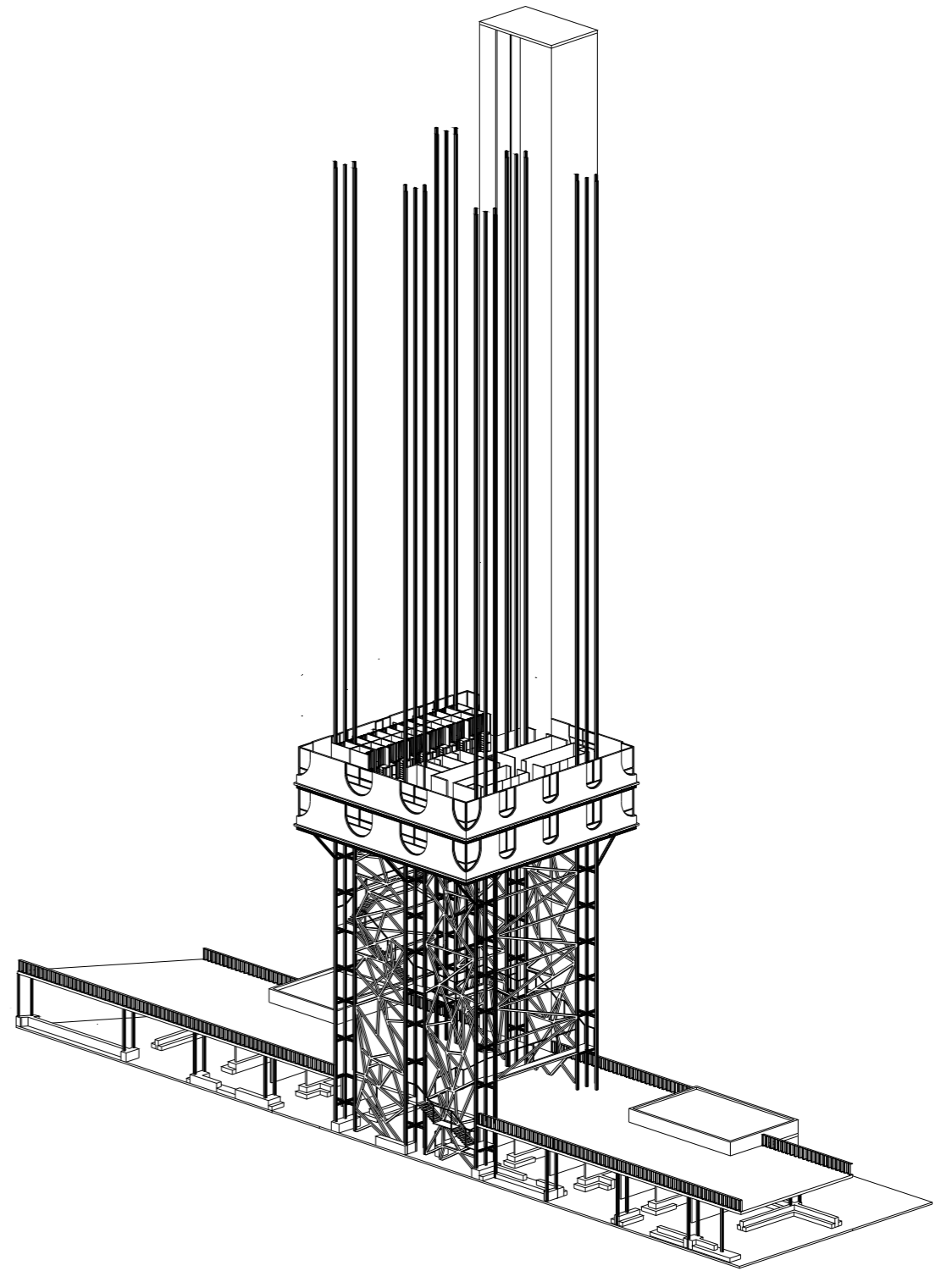
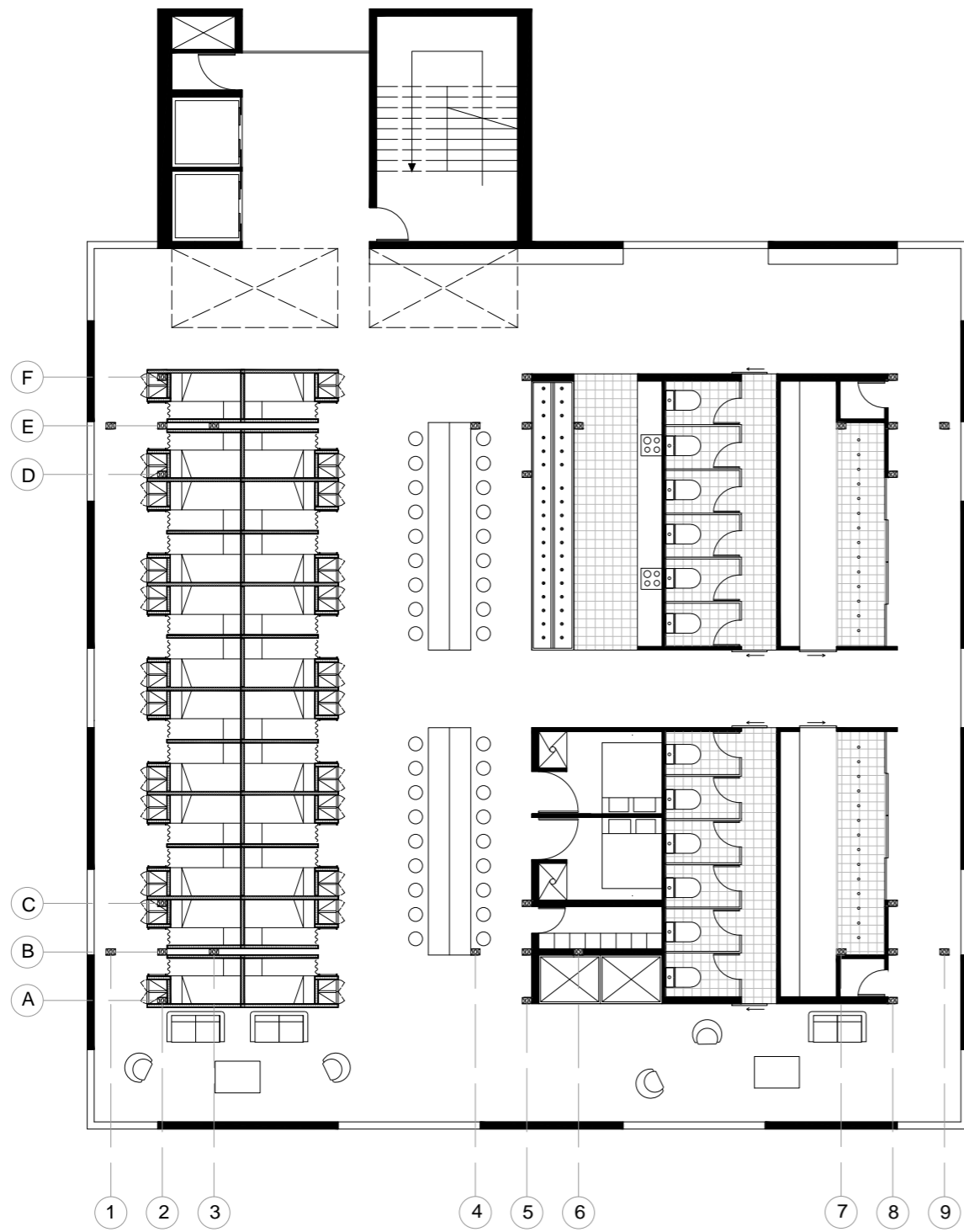


FLOOR PLAN +-0.00 1:150

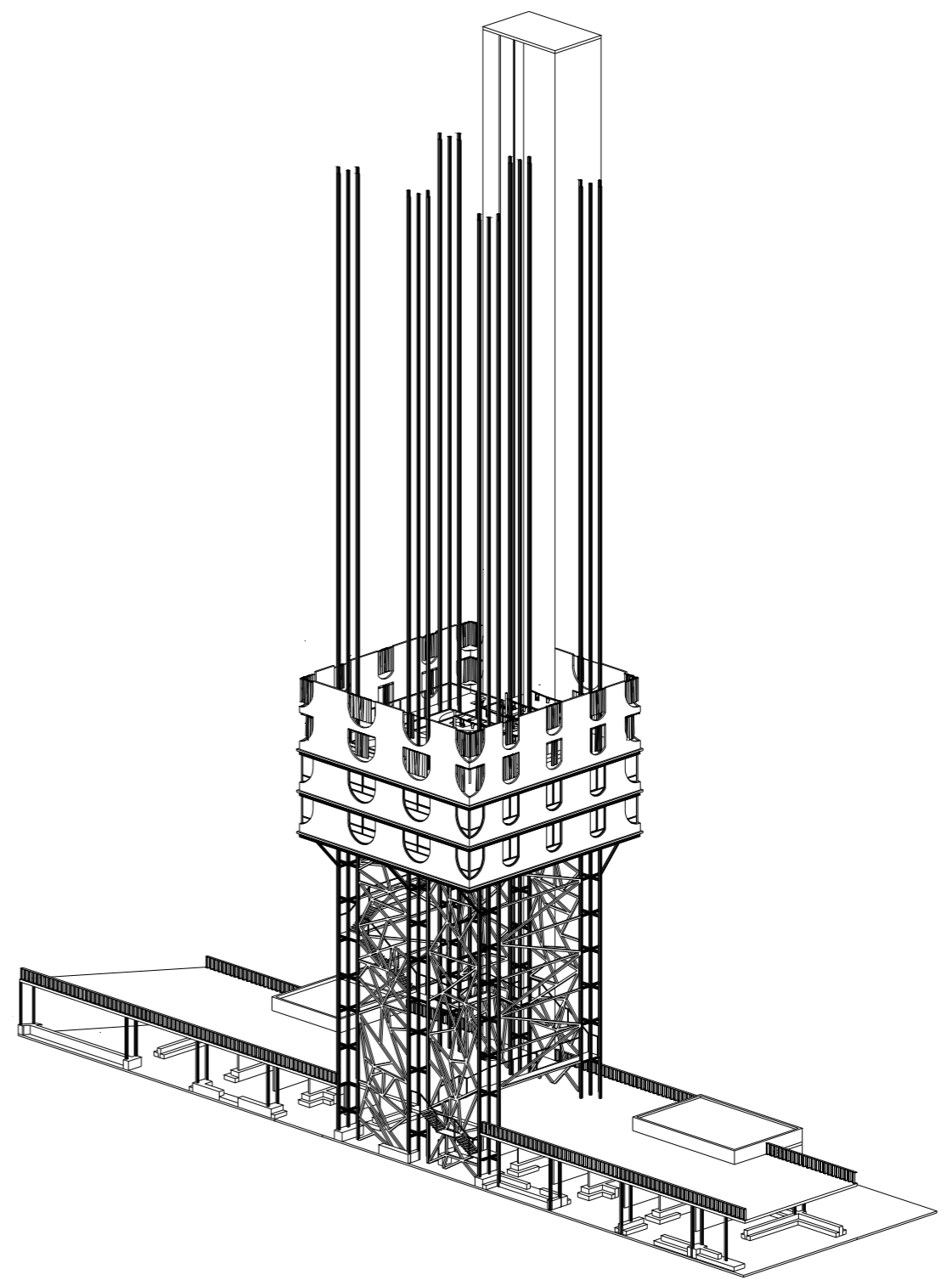
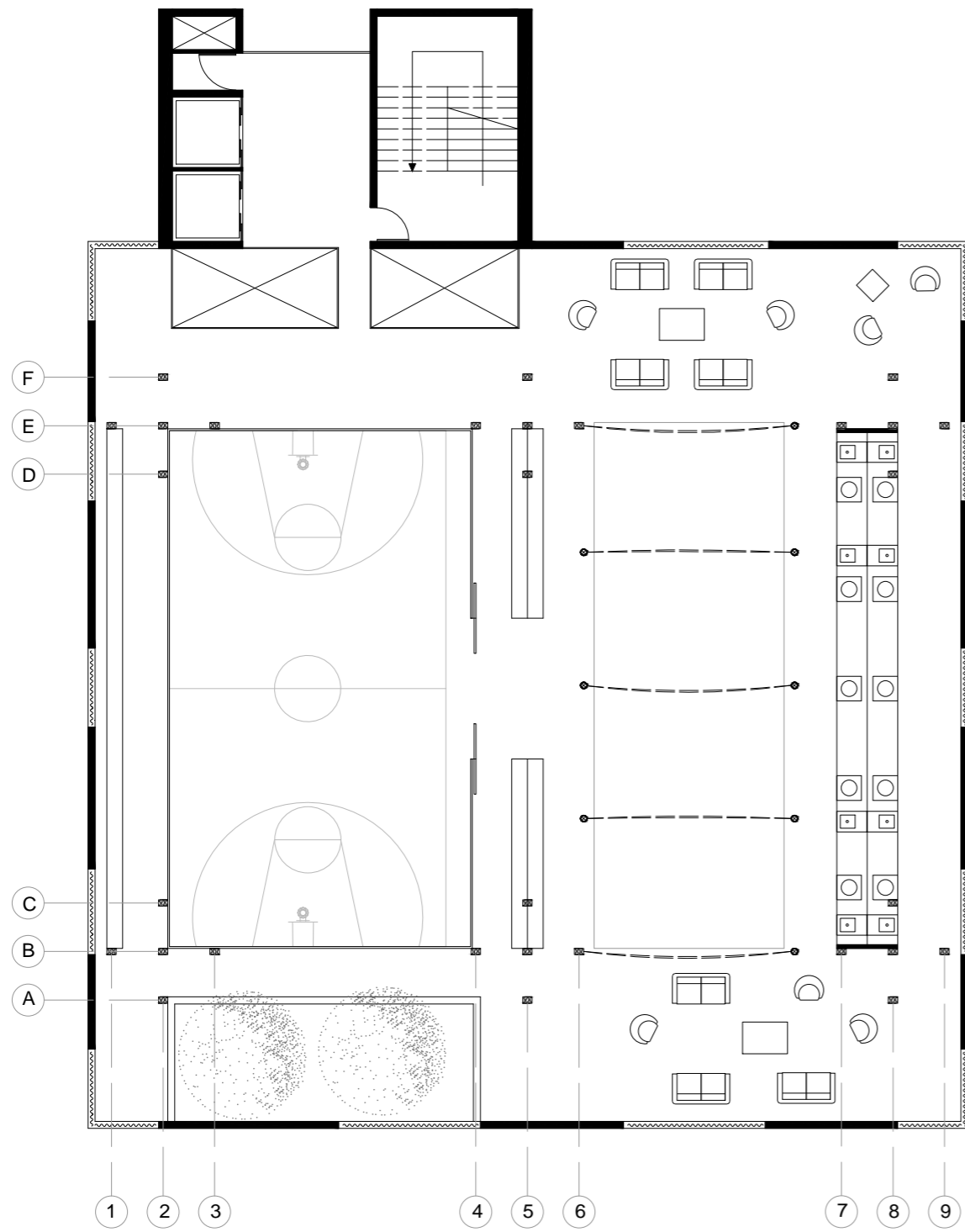




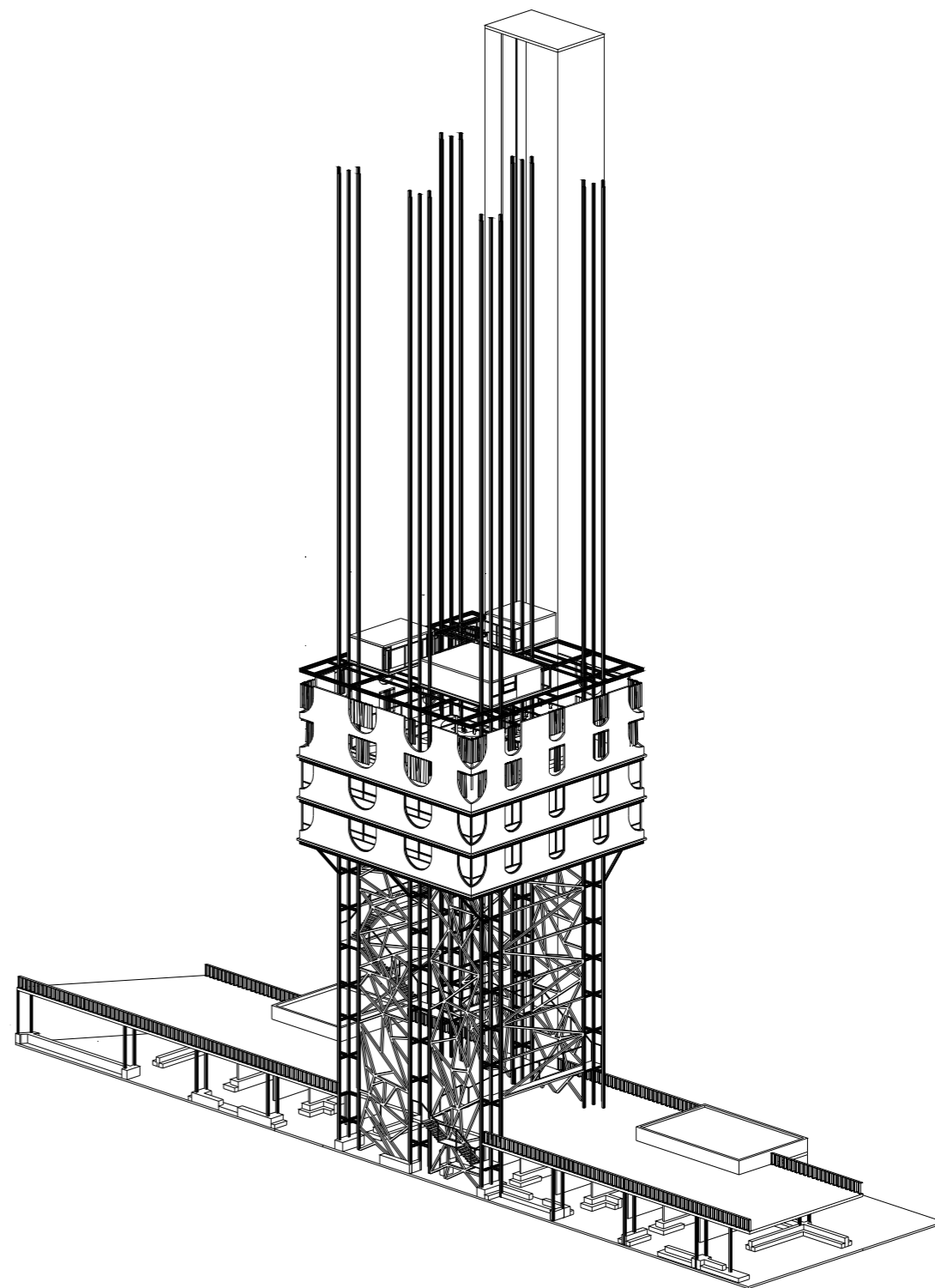
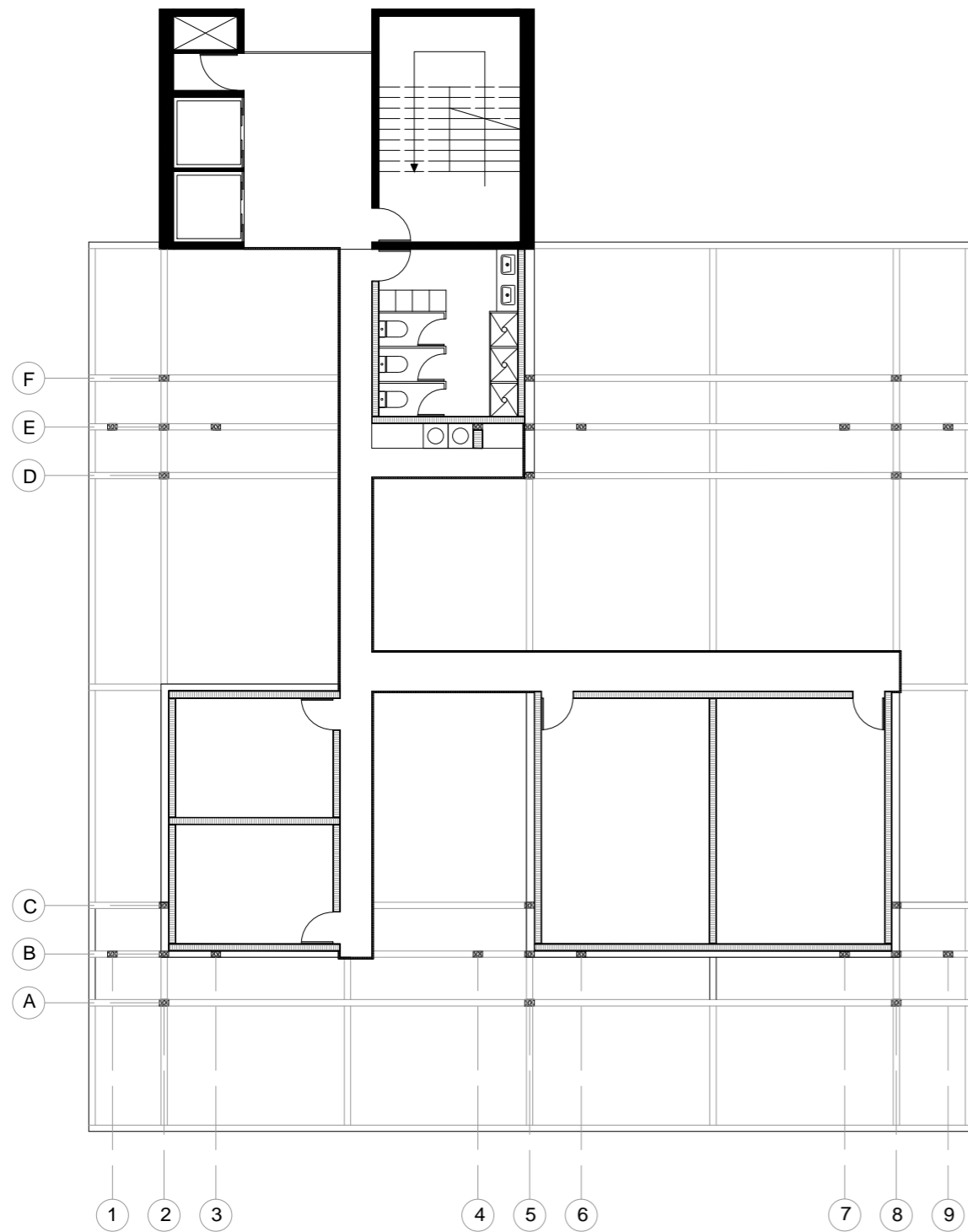
FLOOR PLAN +34.00 1:150

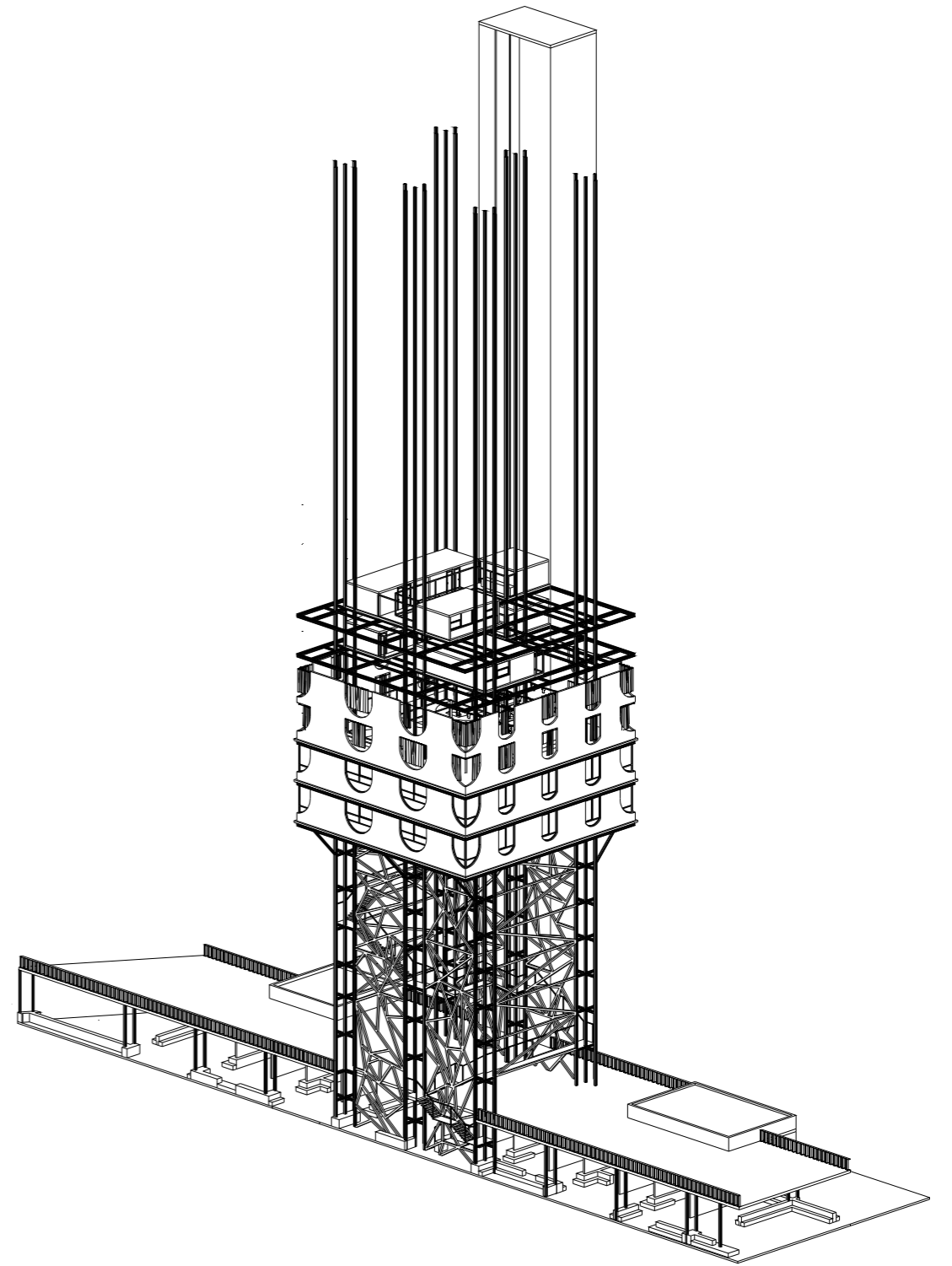
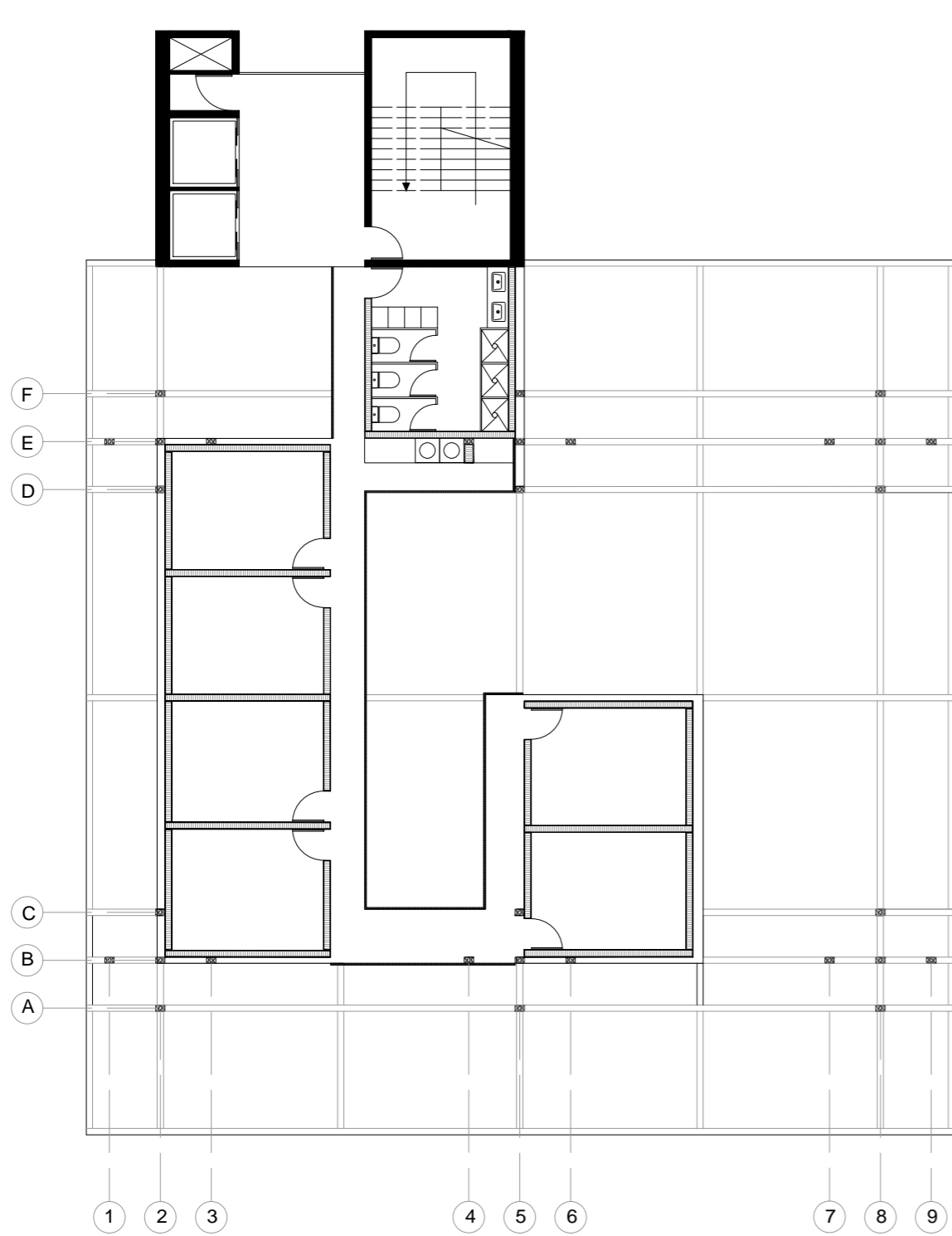


FLOOR PLAN +38.00 1:150

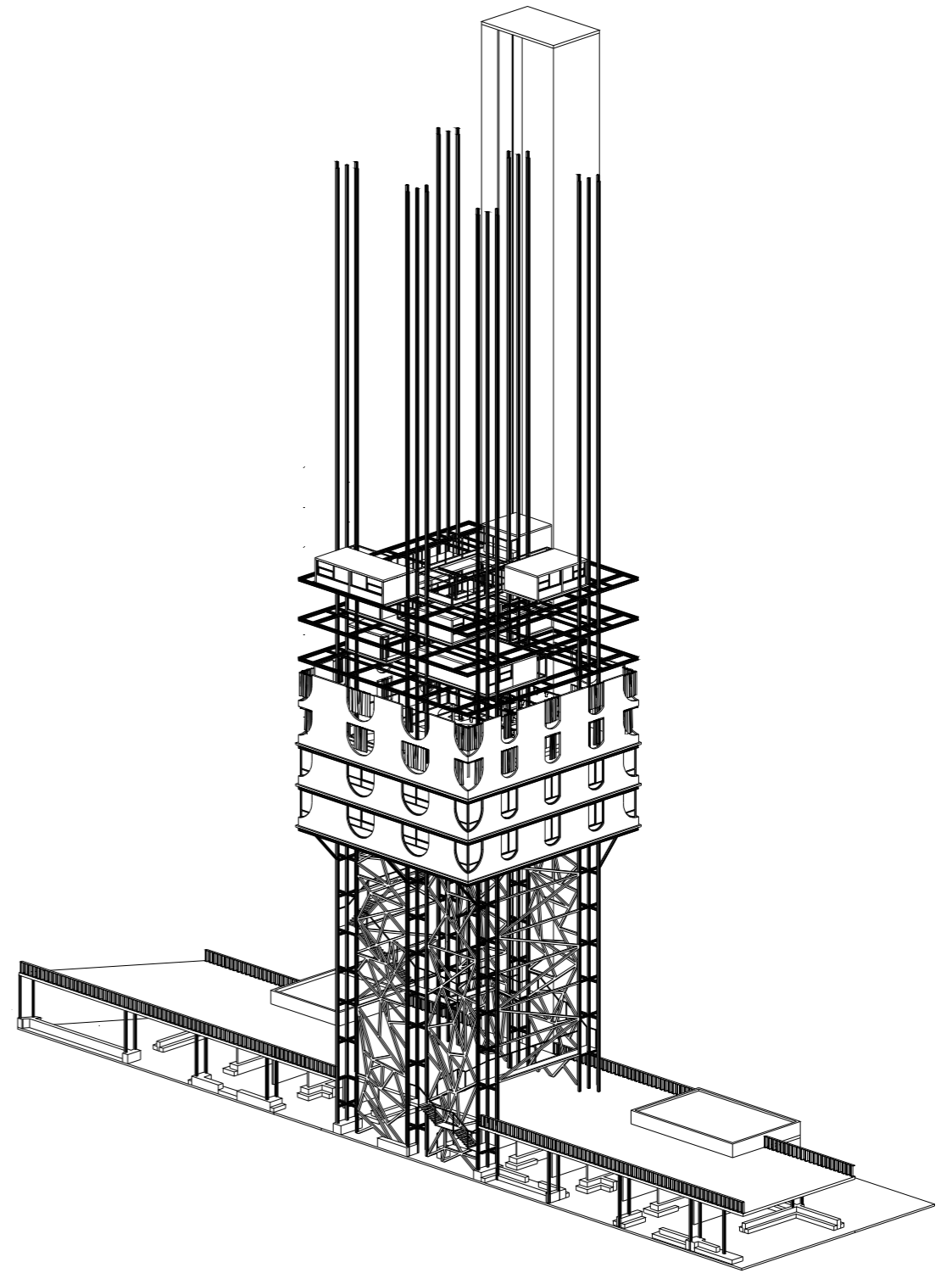
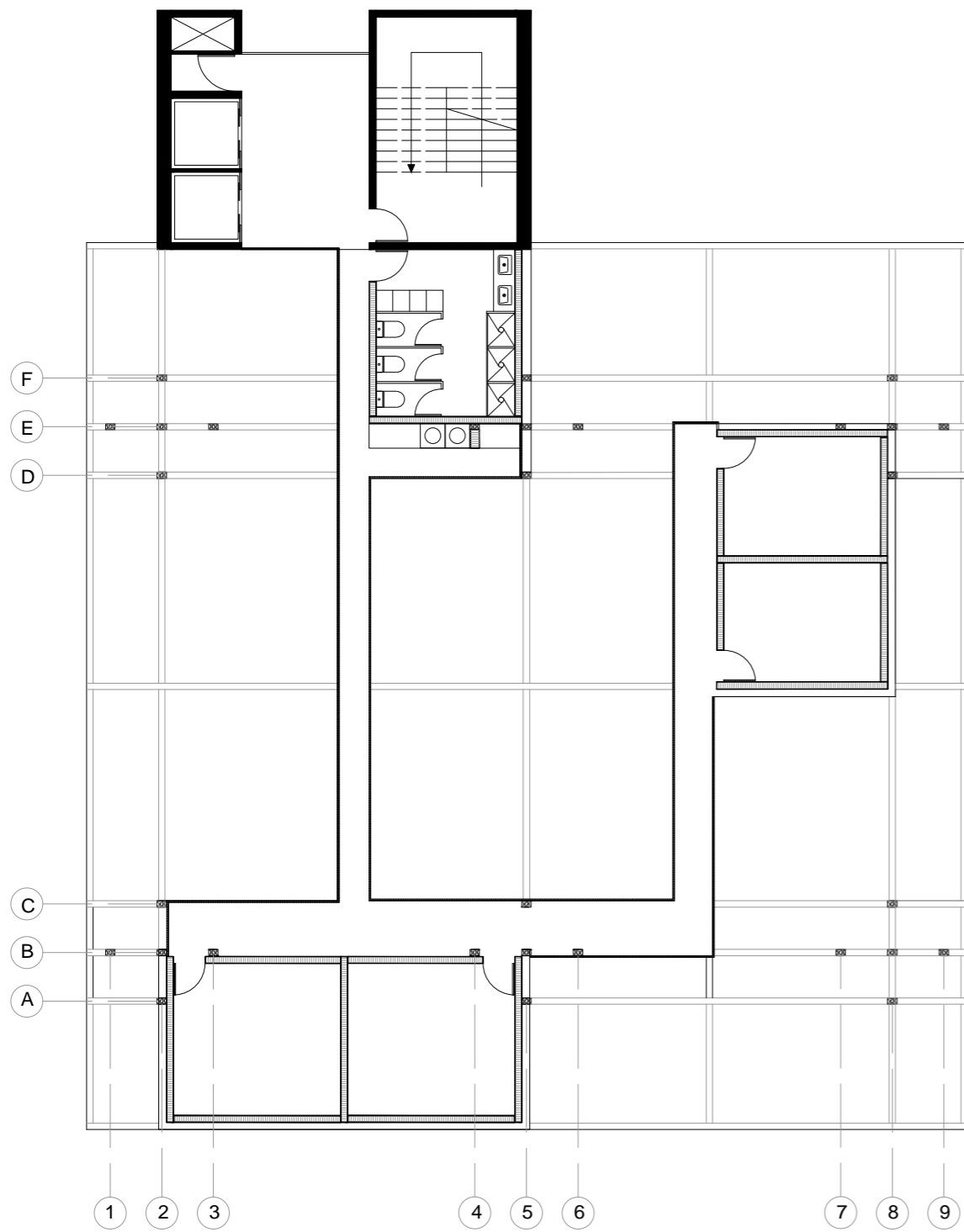


FLOOR PLAN +42.00 1:150



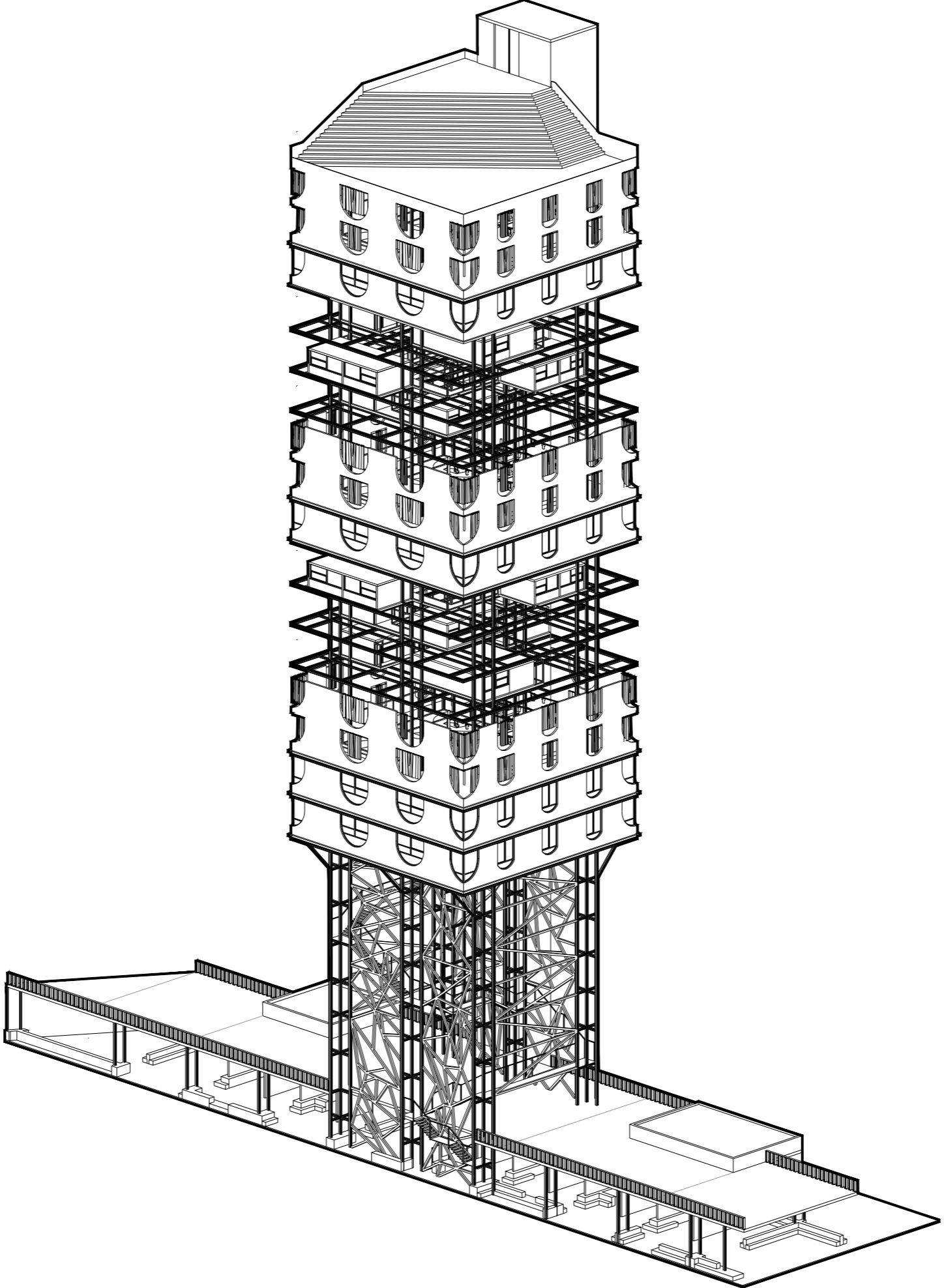


FLOOR PLAN +50.00 1:150

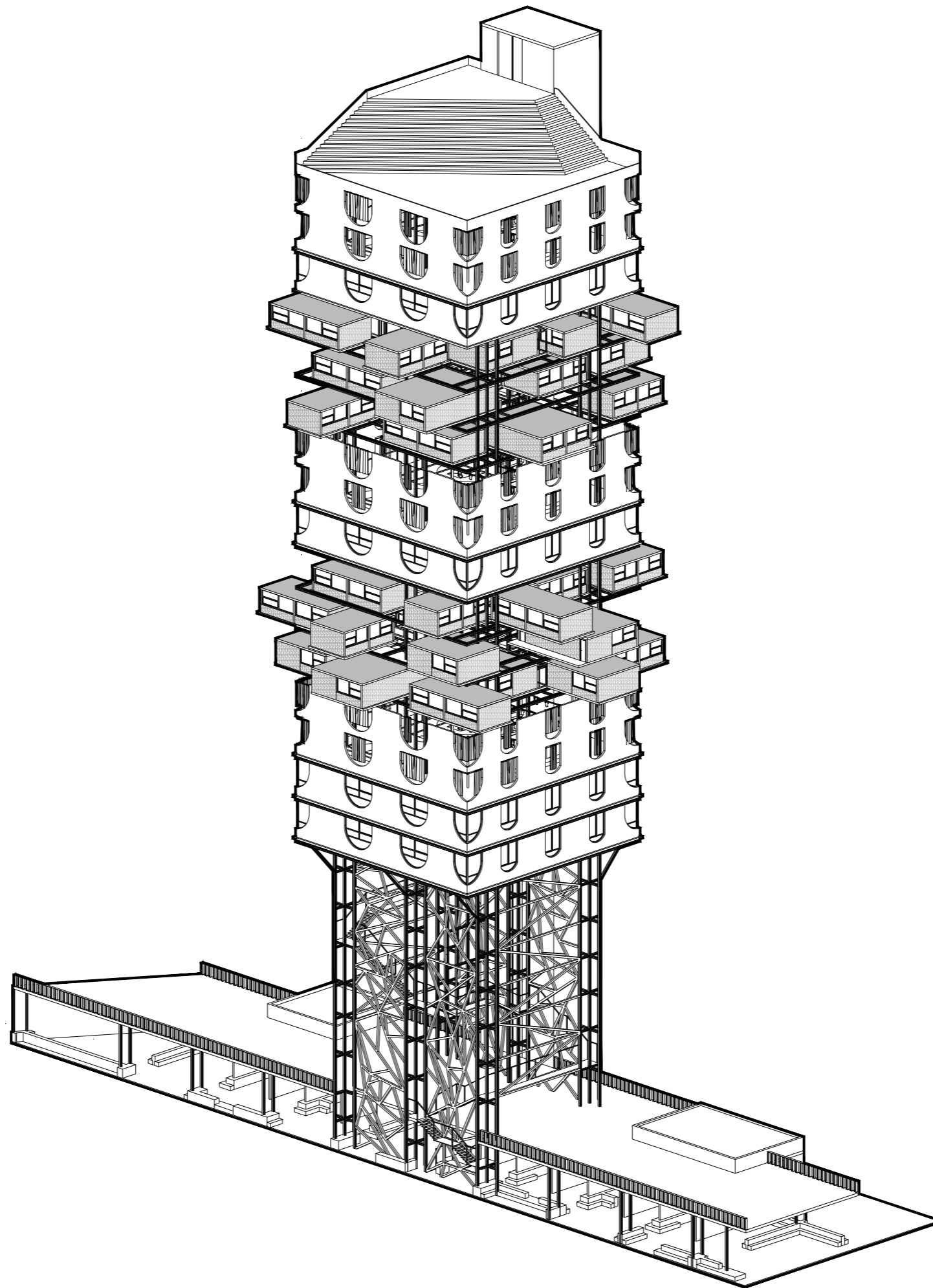


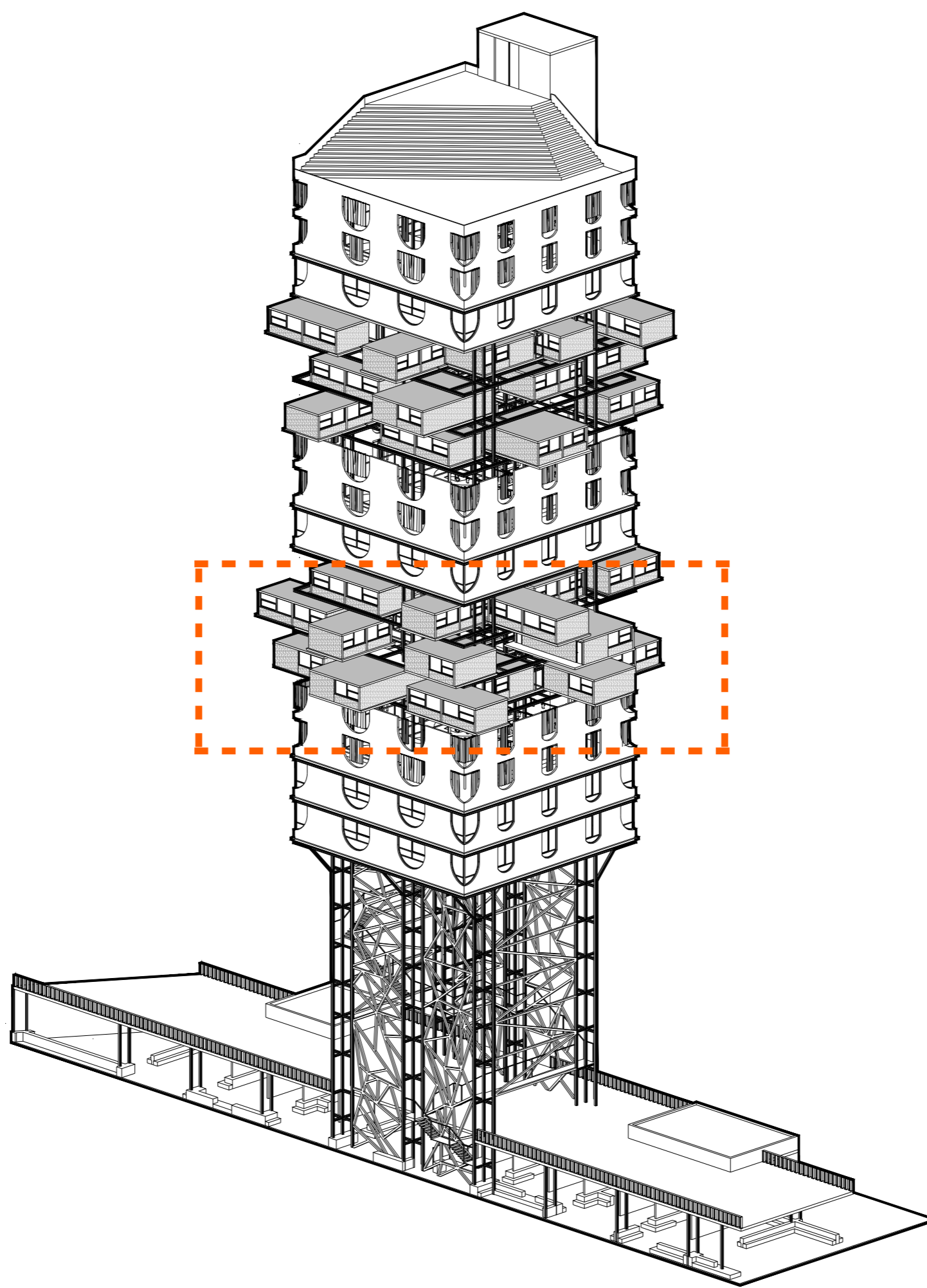
FLOOR PLAN +54.00 1:150

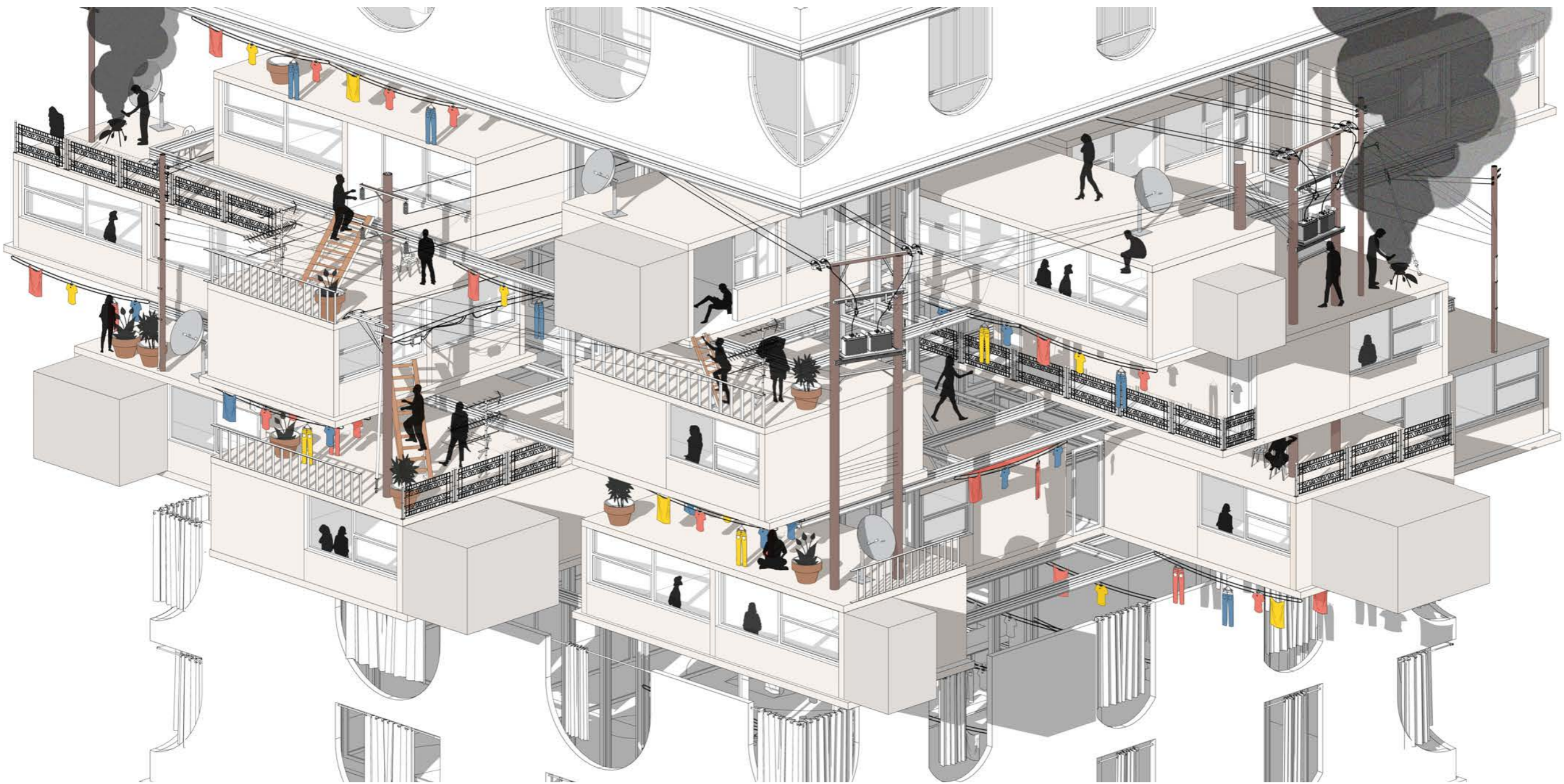
FIRST PHASE

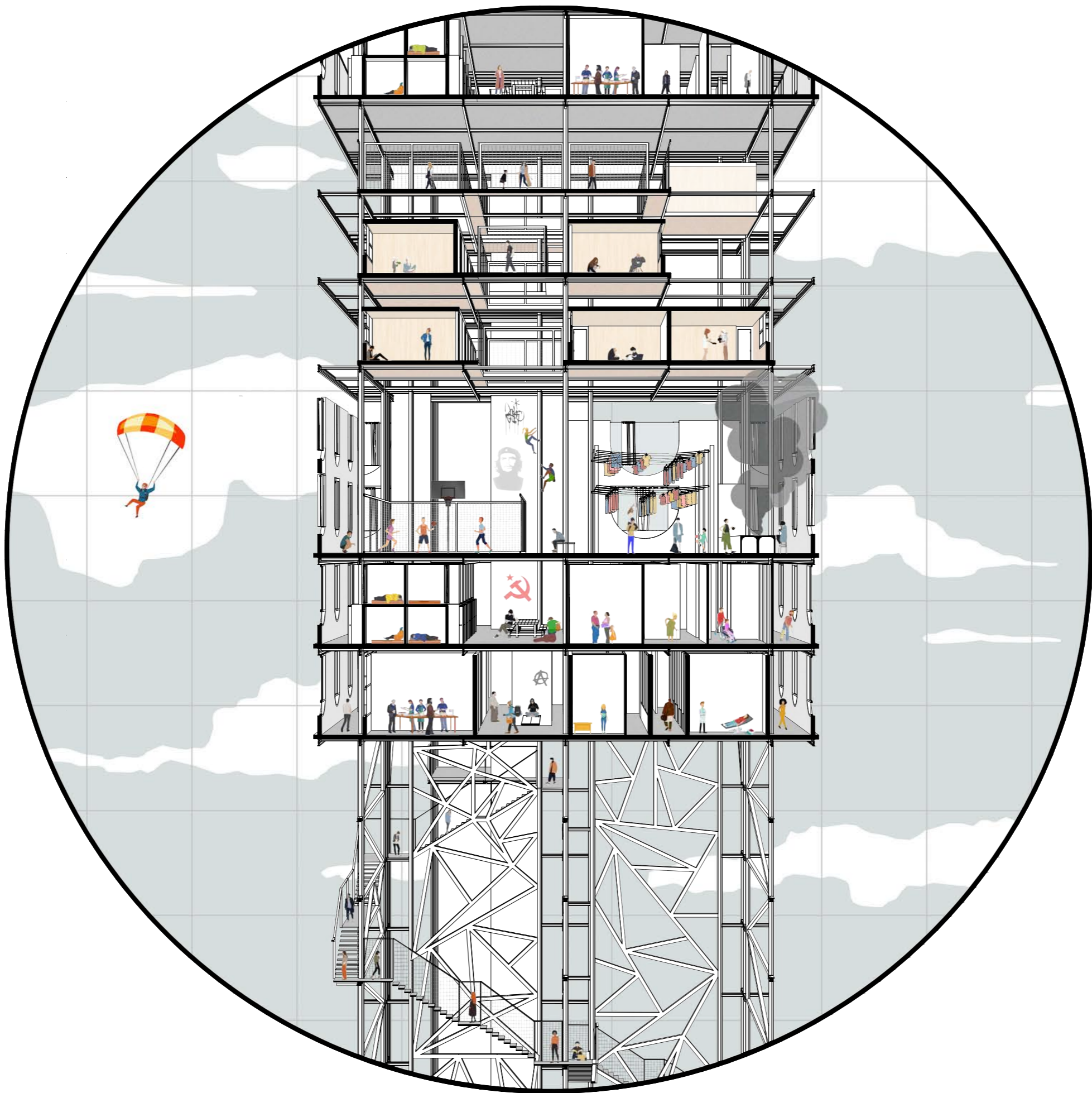


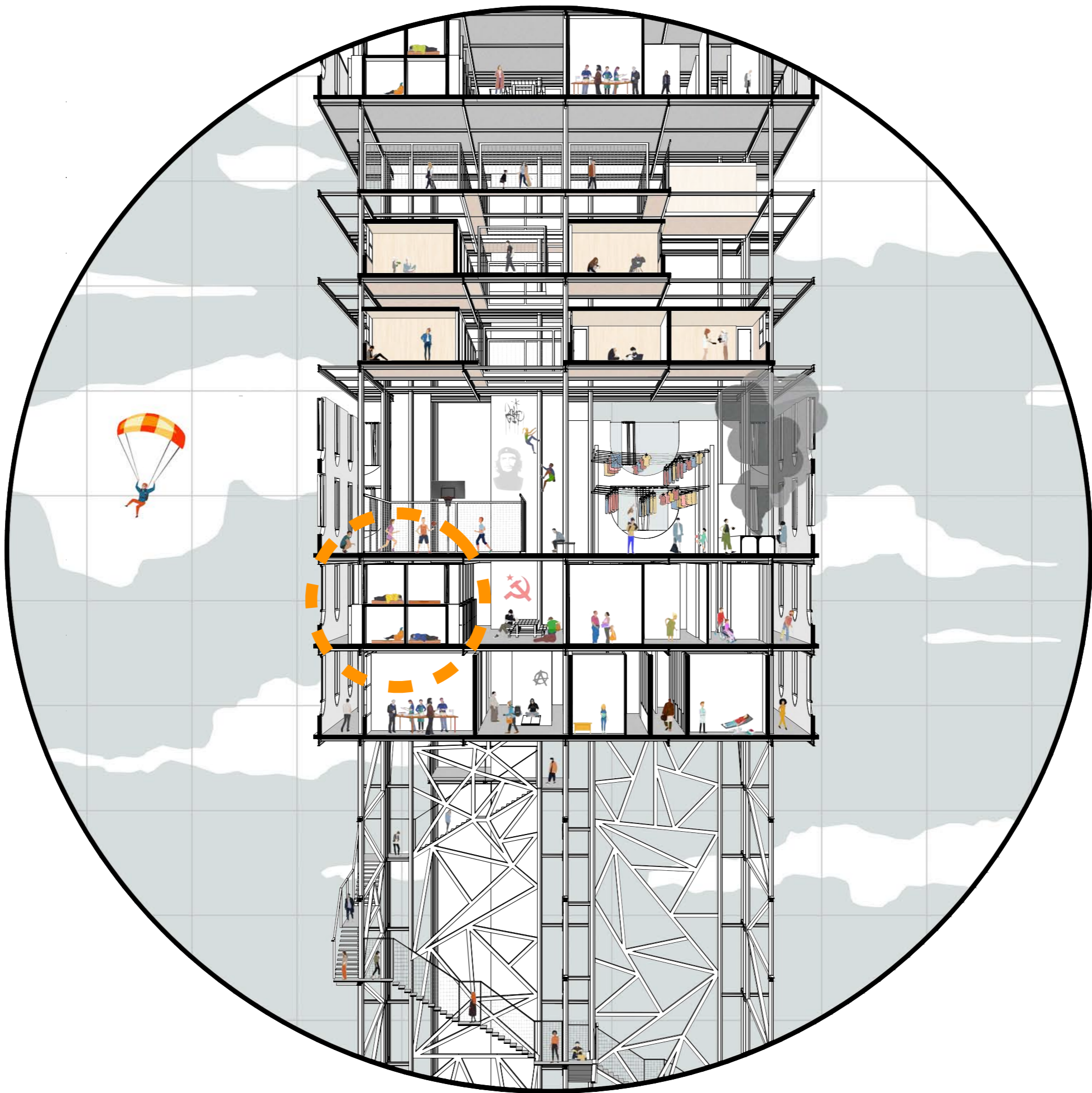
NEXT PHASE

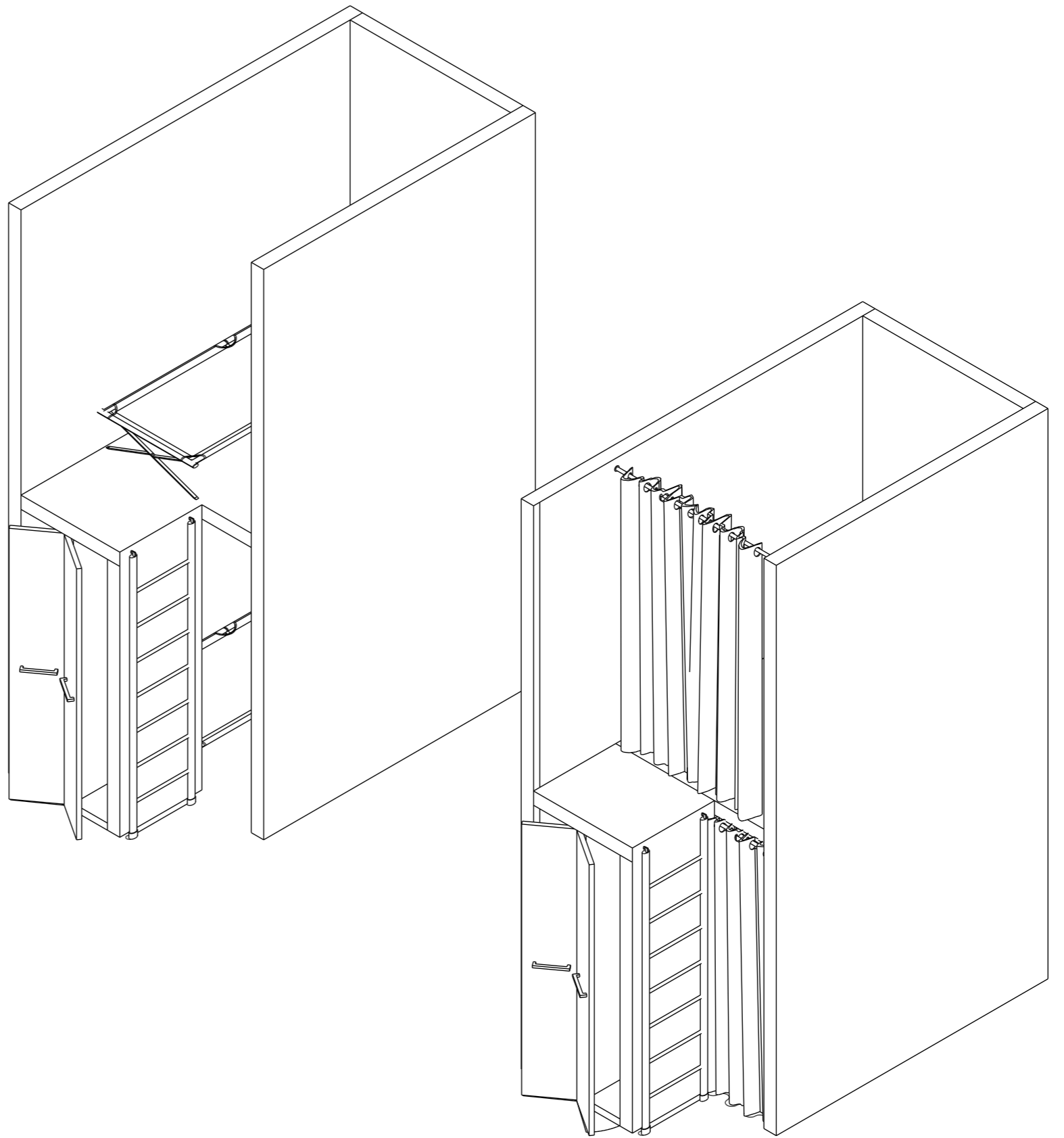
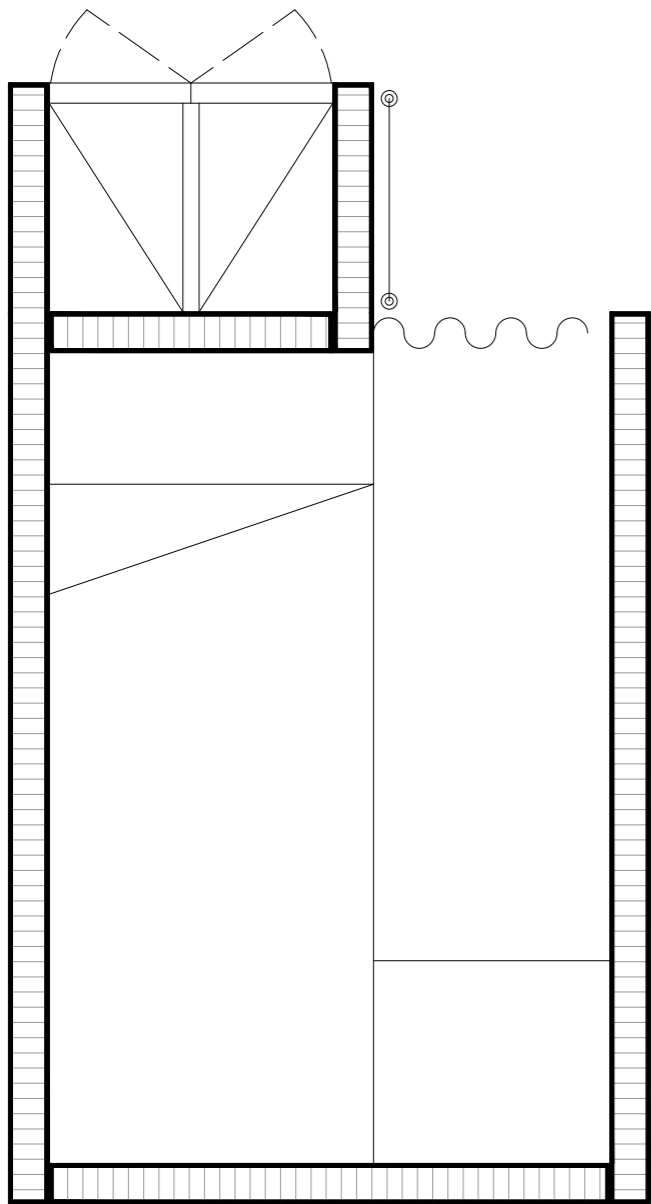






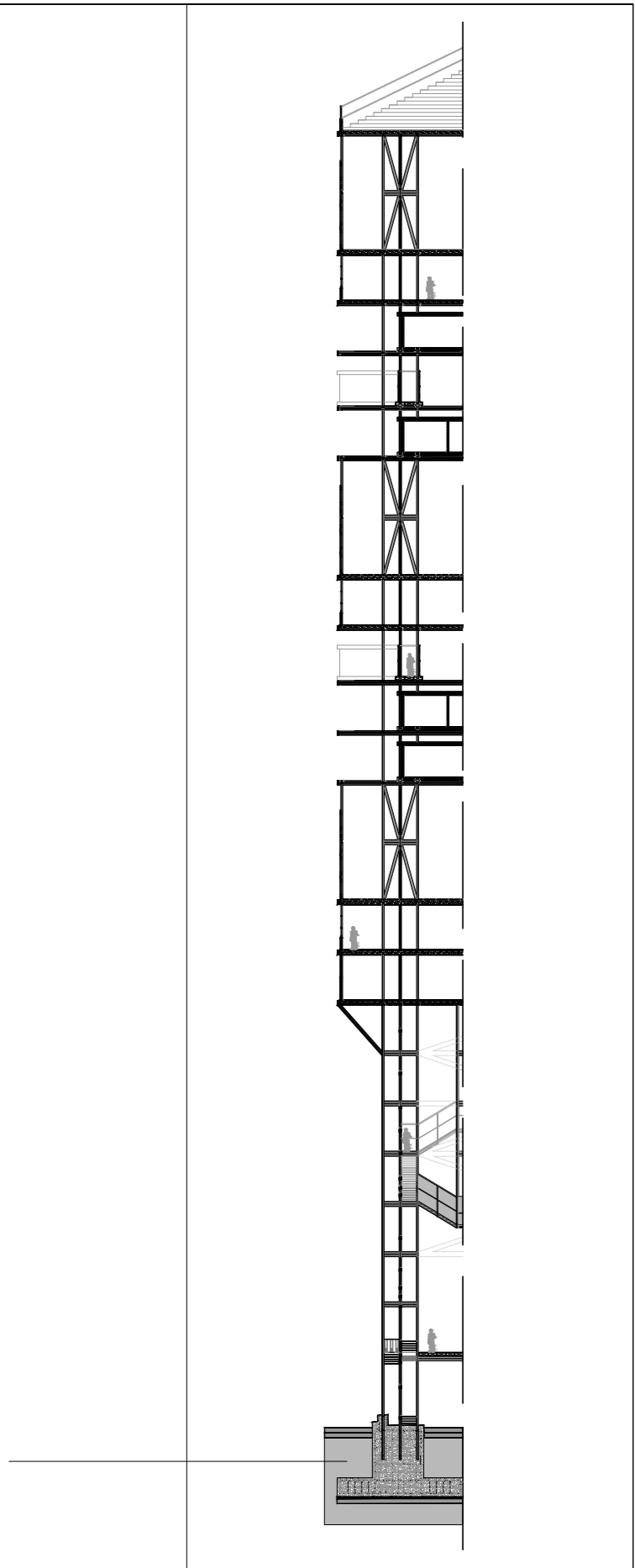
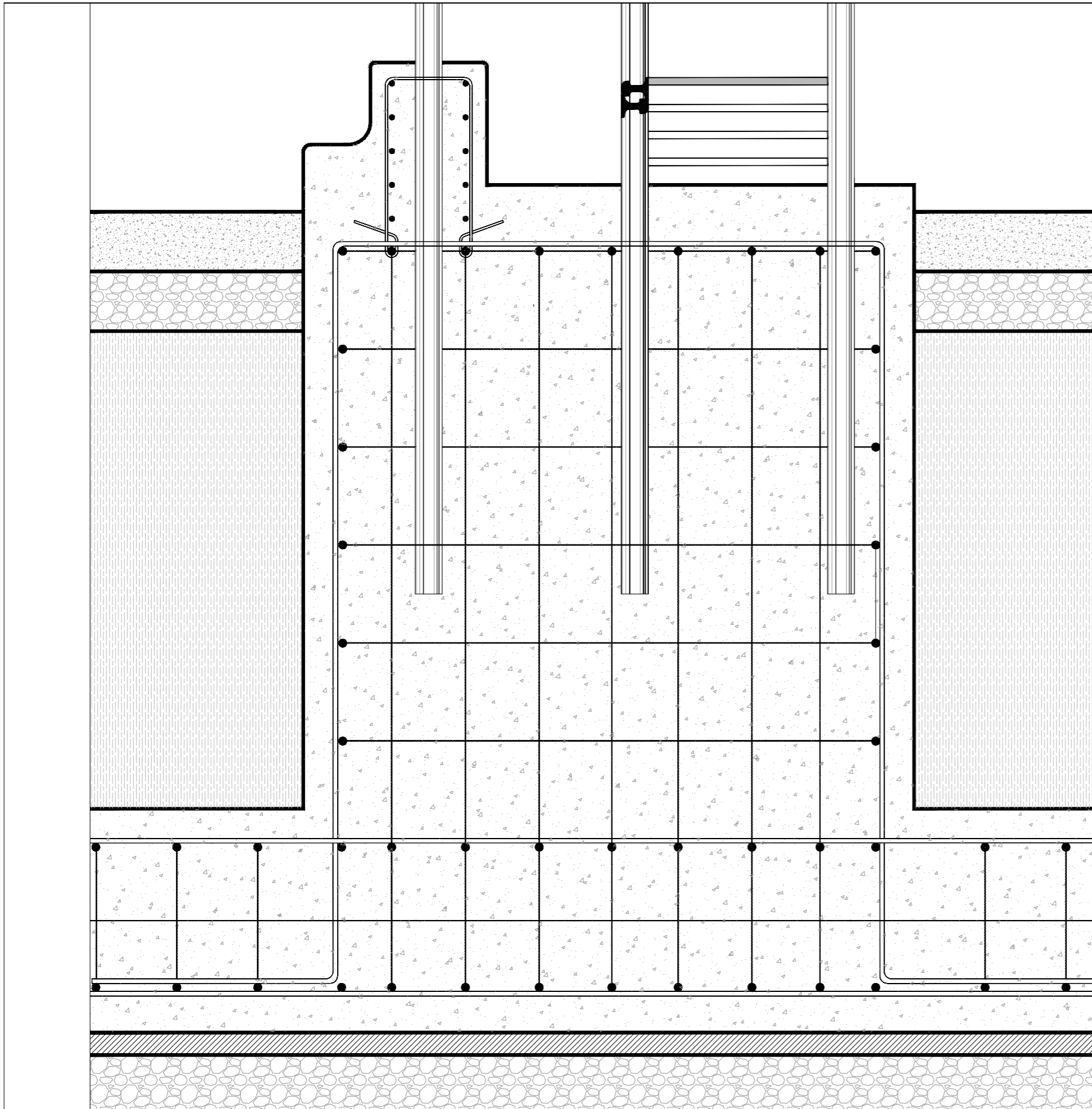


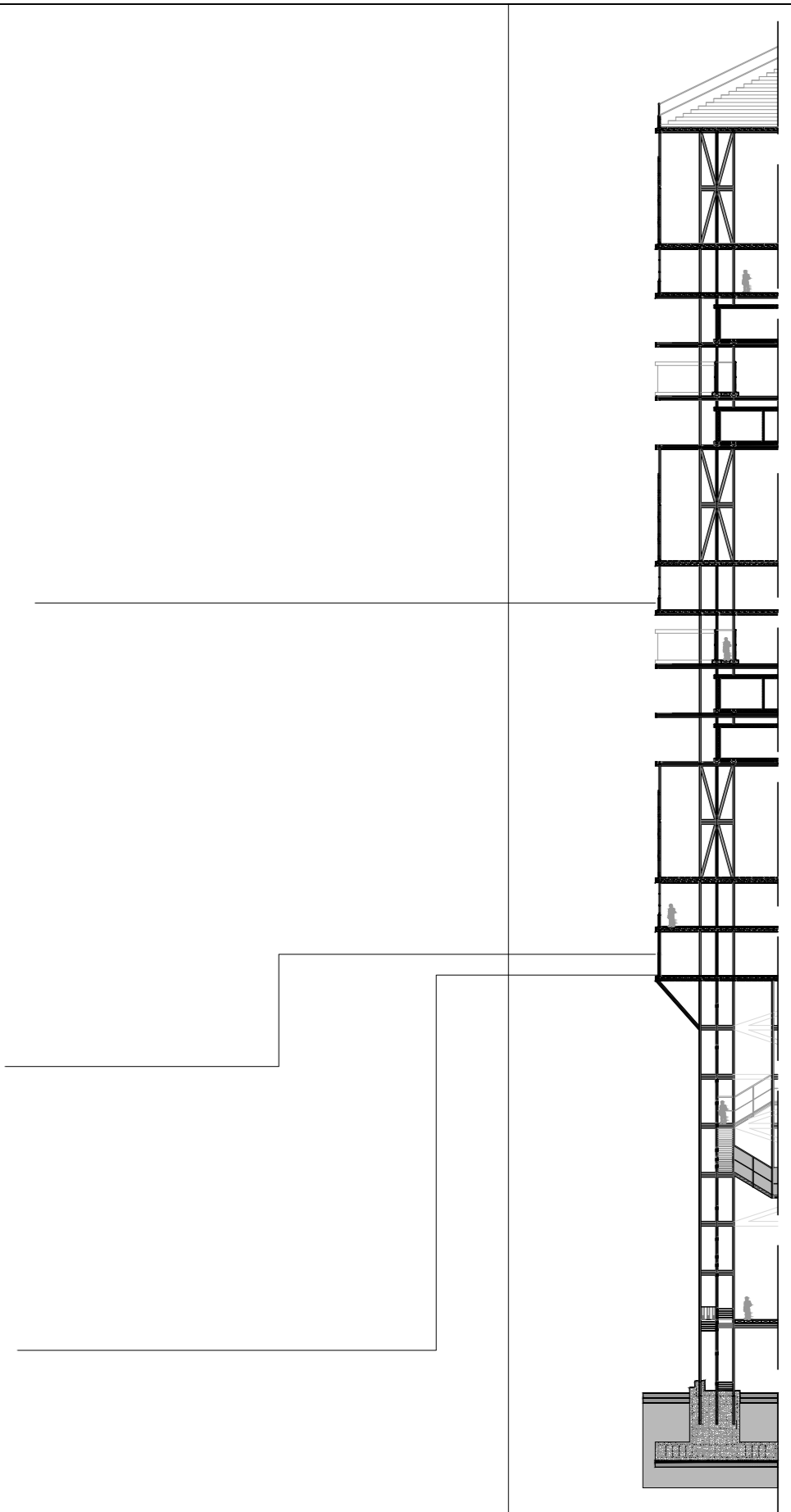
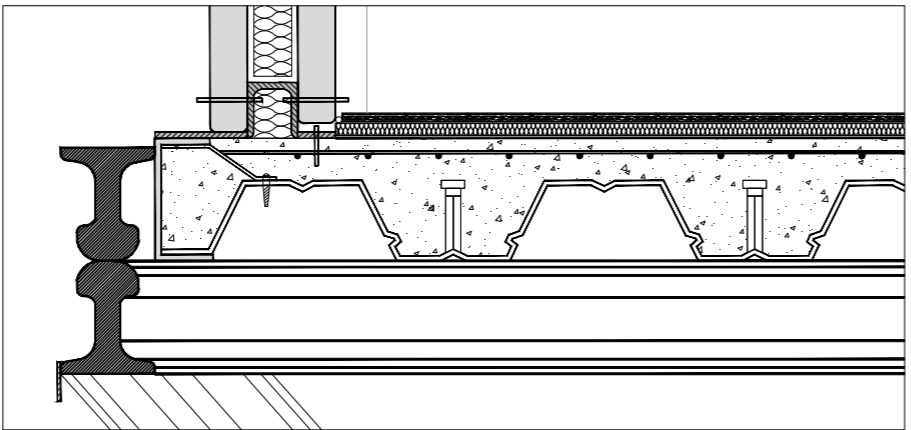
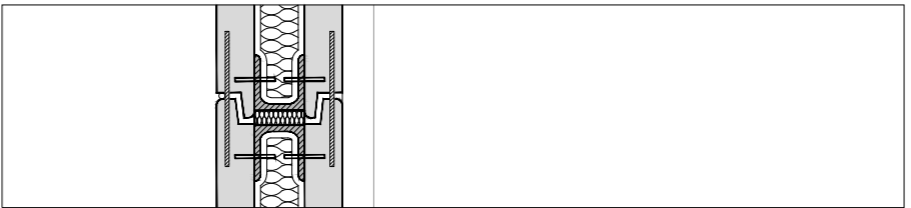
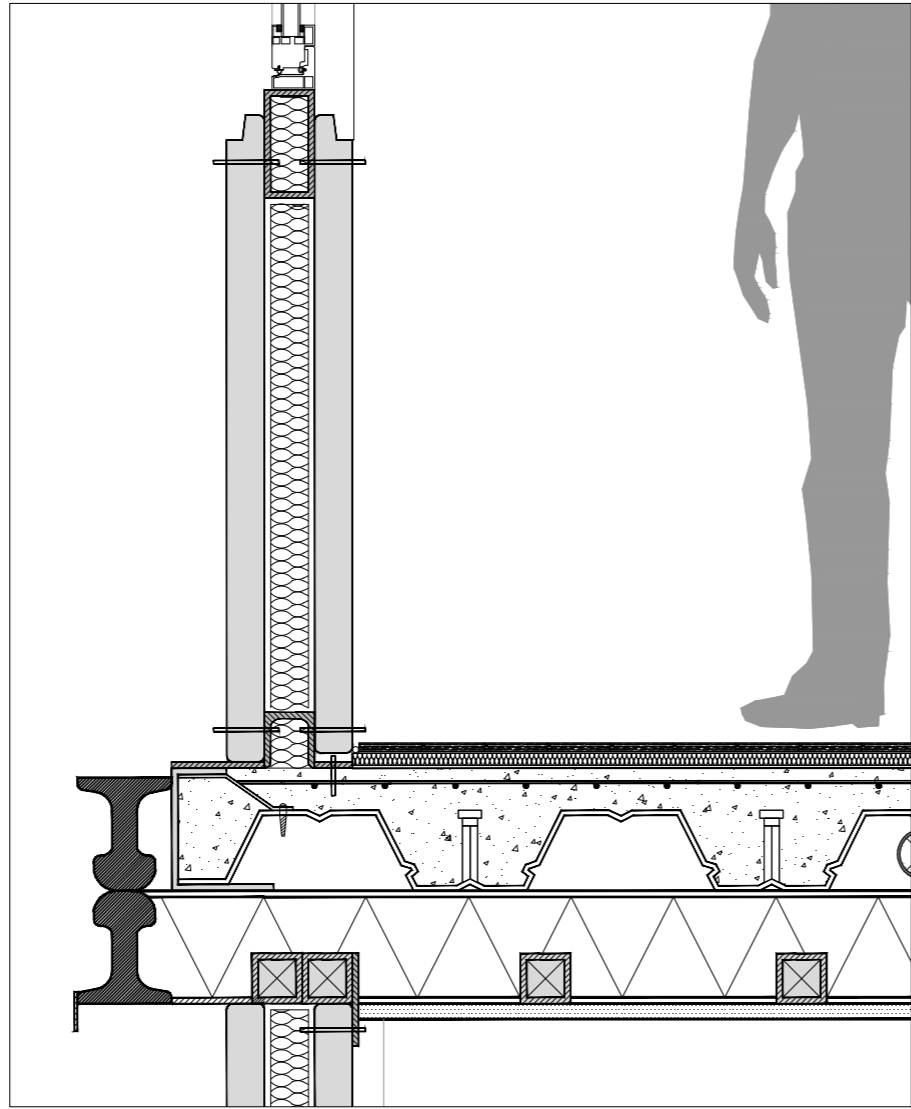


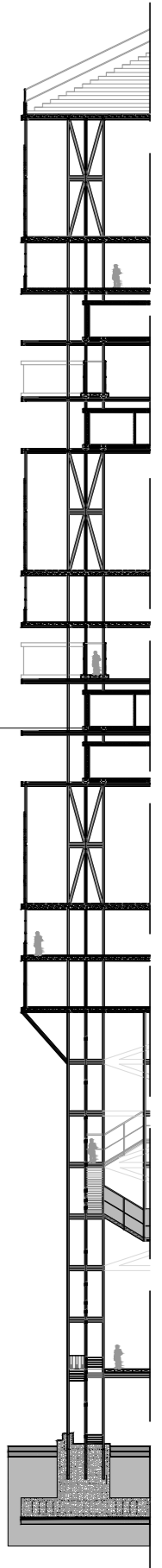
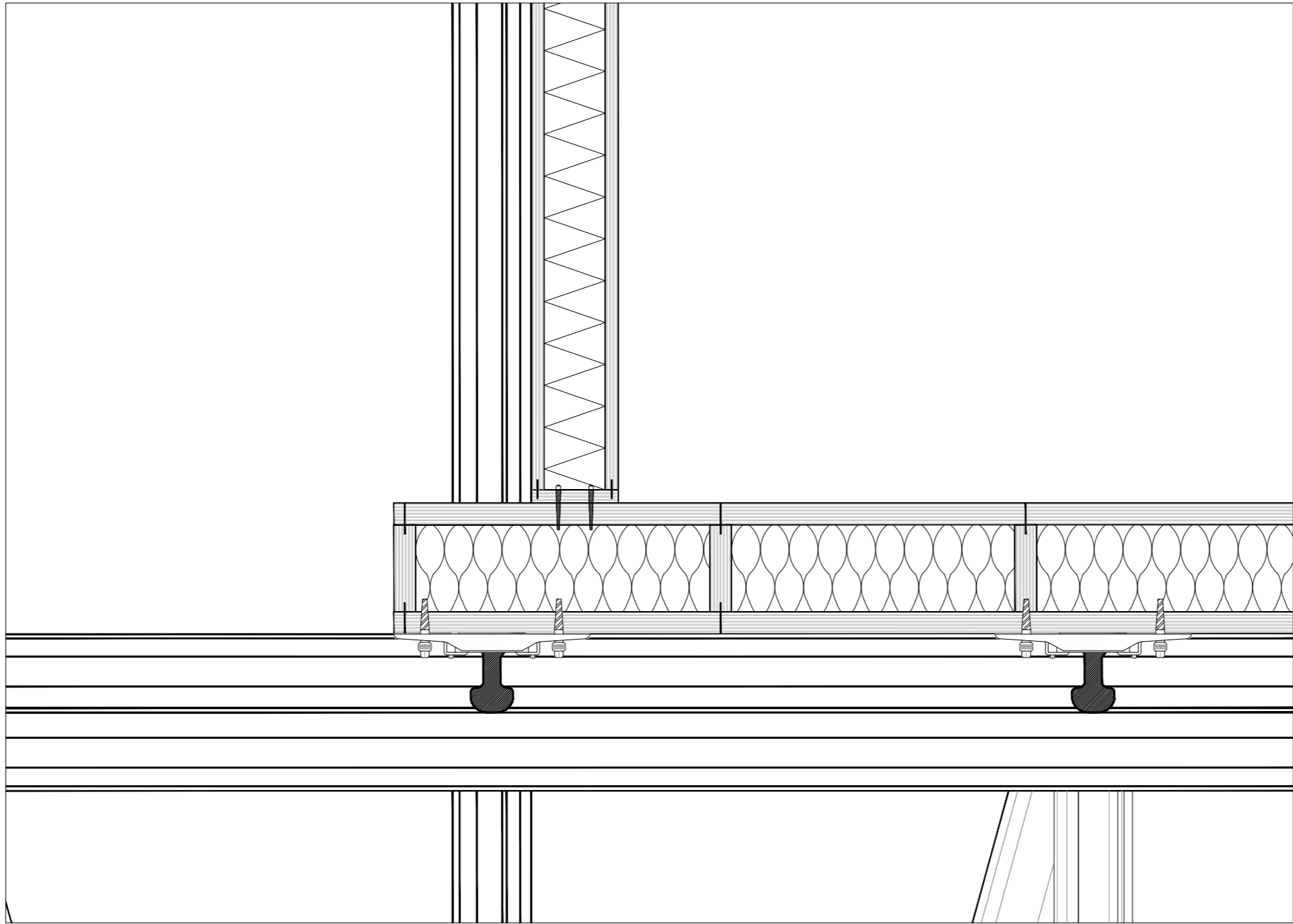




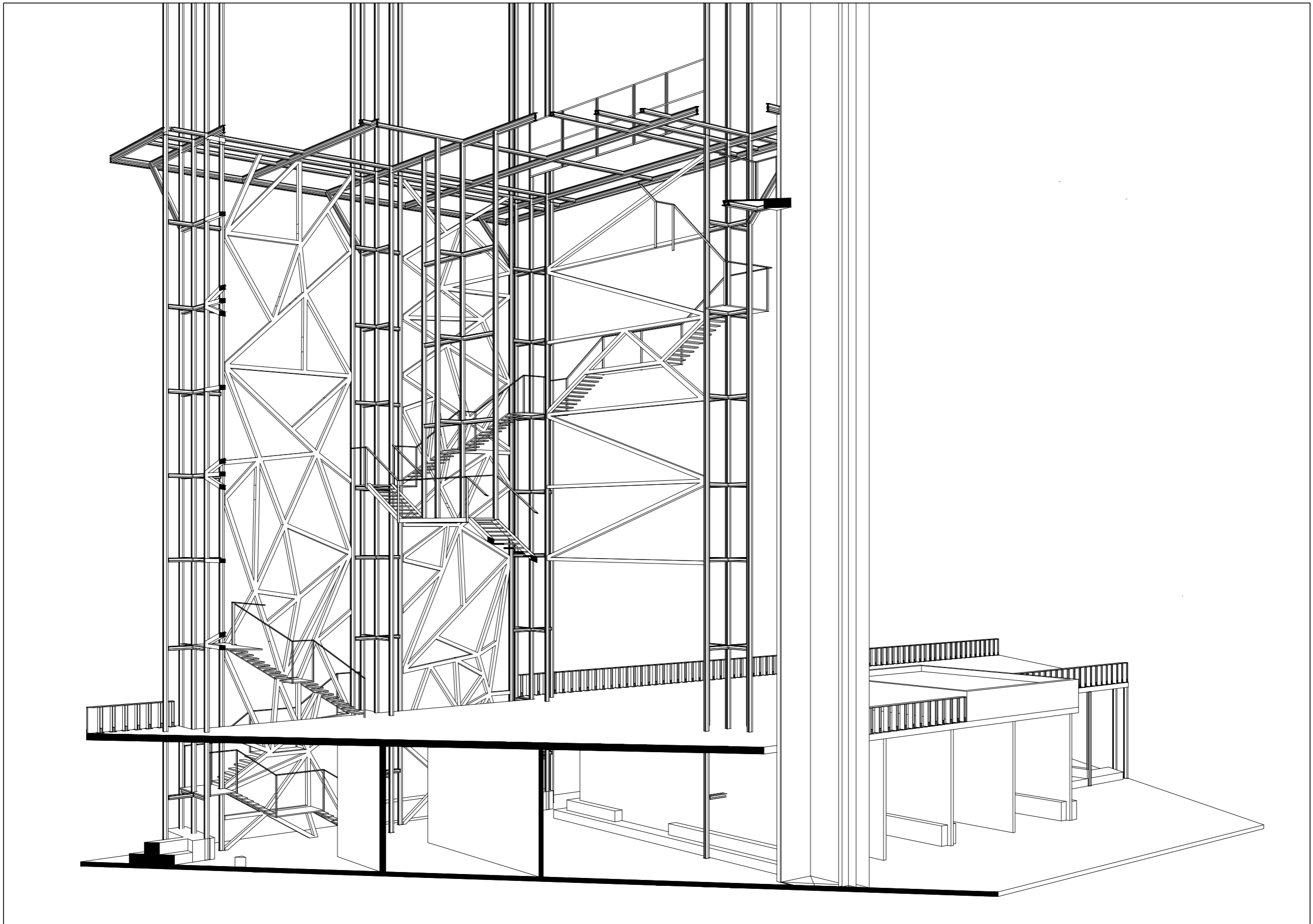
STEEL TRAIN RAILS = MAIN STRUCTURE

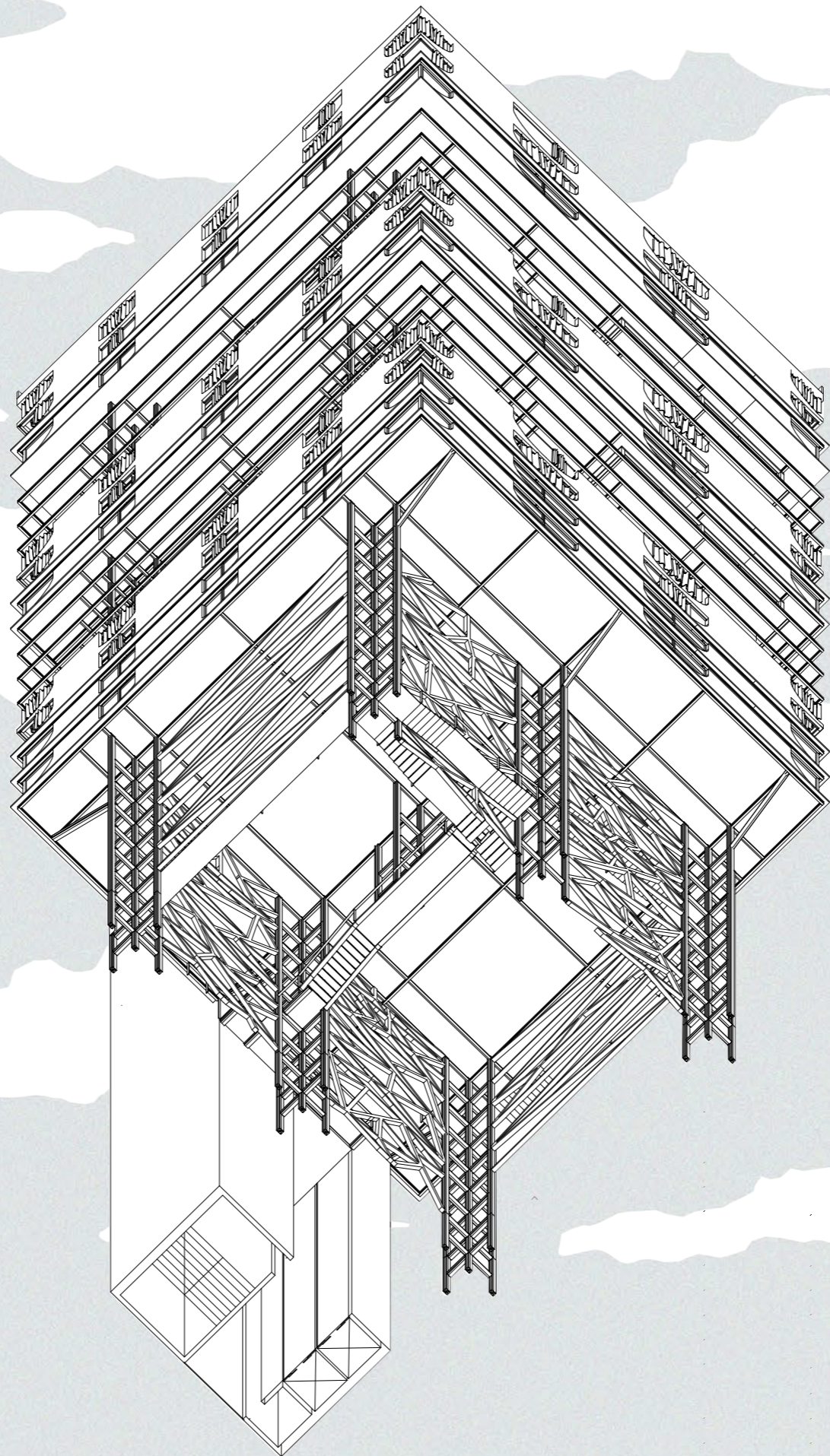


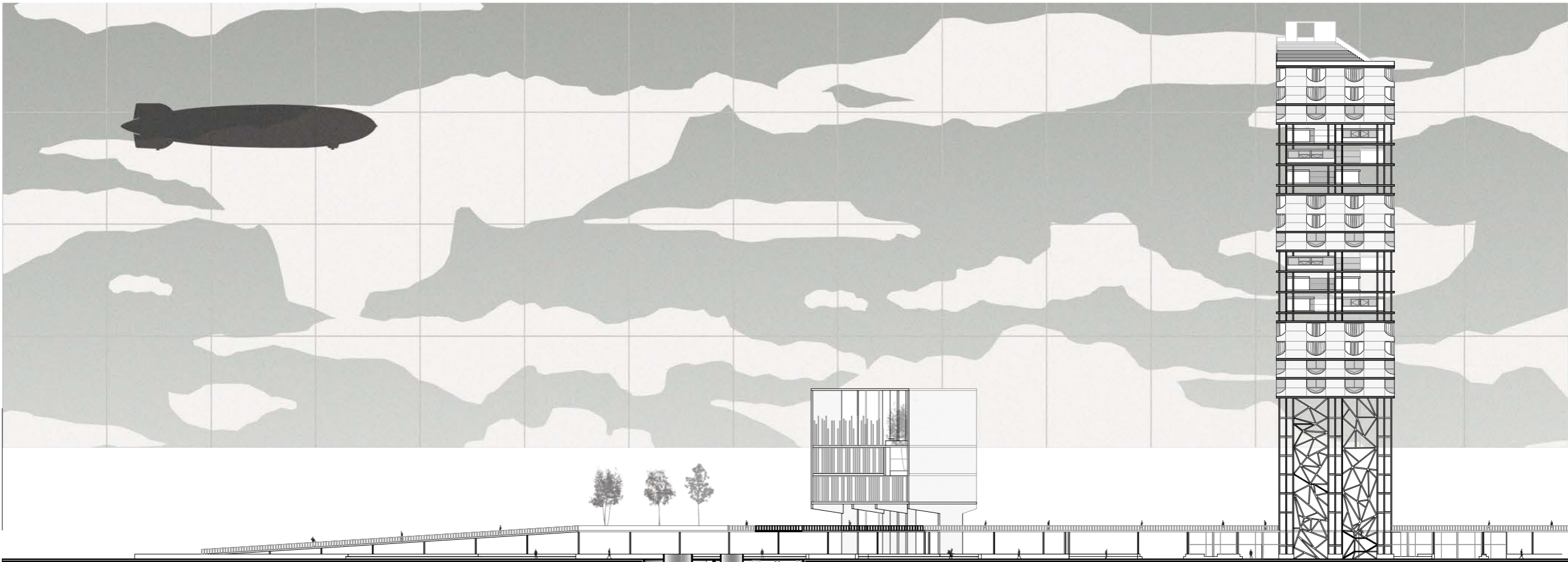




THE LIFTED SPACE

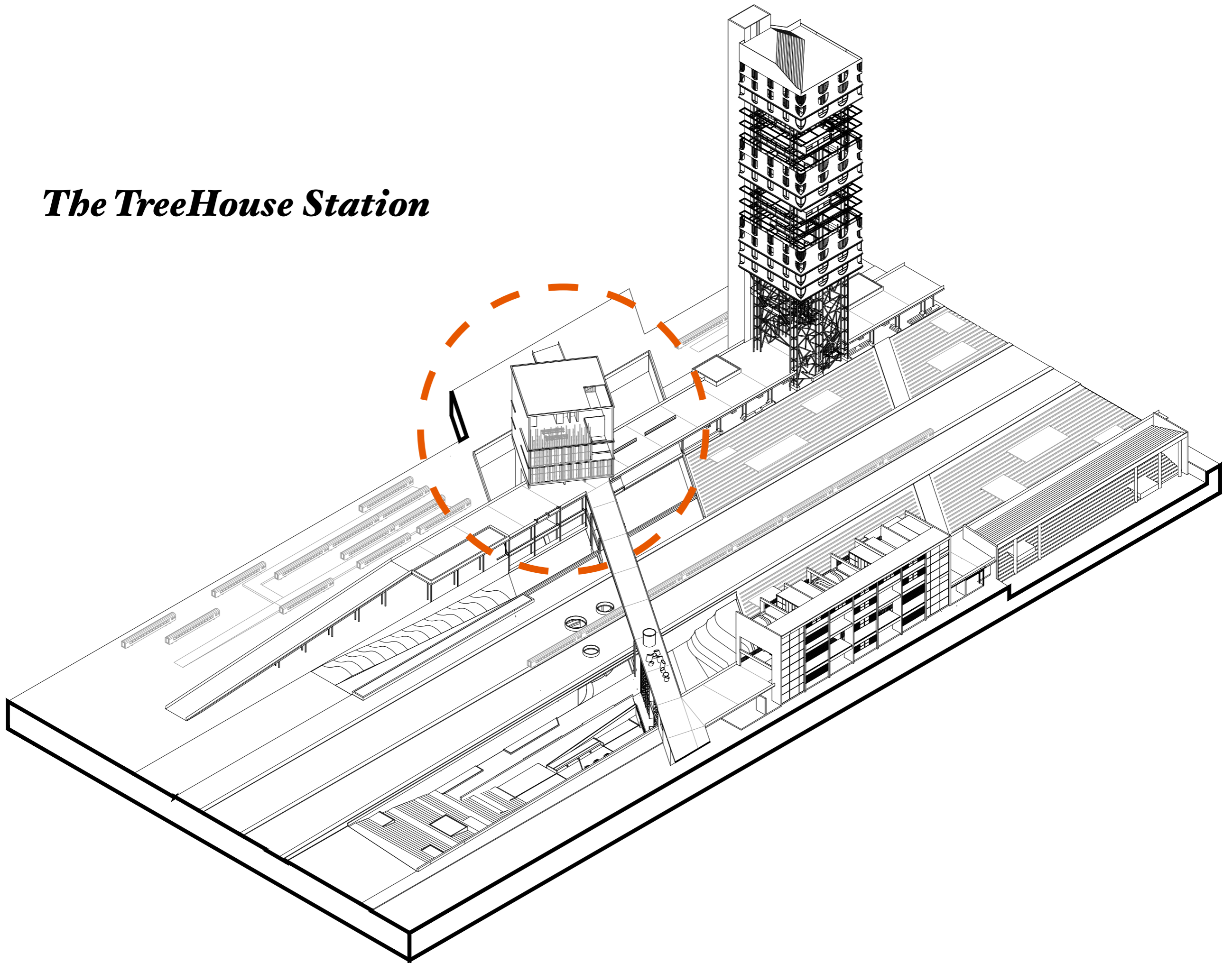


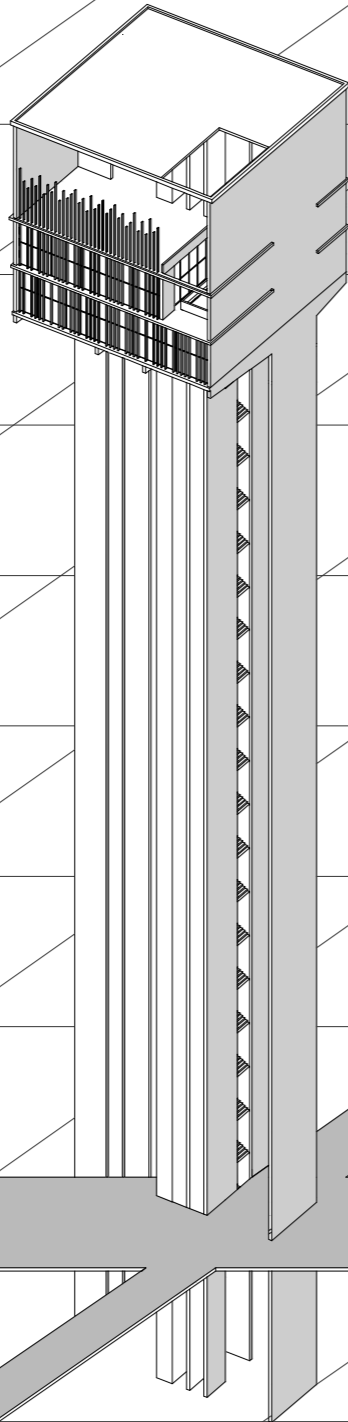




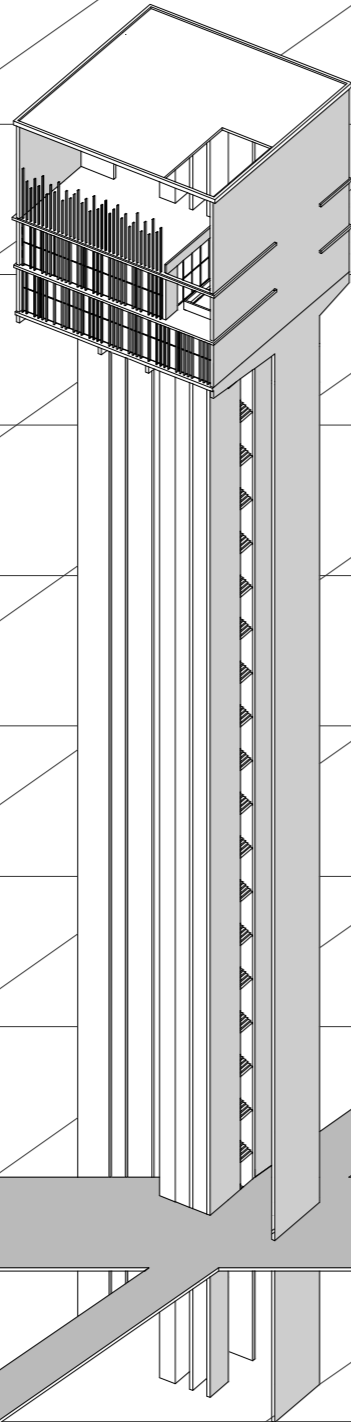
ELEVATION - SECTION A-A' - "COLONIZED LIGHTHOUSE & TREEHOUSE STATION"

The TreeHouse Station





The TreeHouse Station

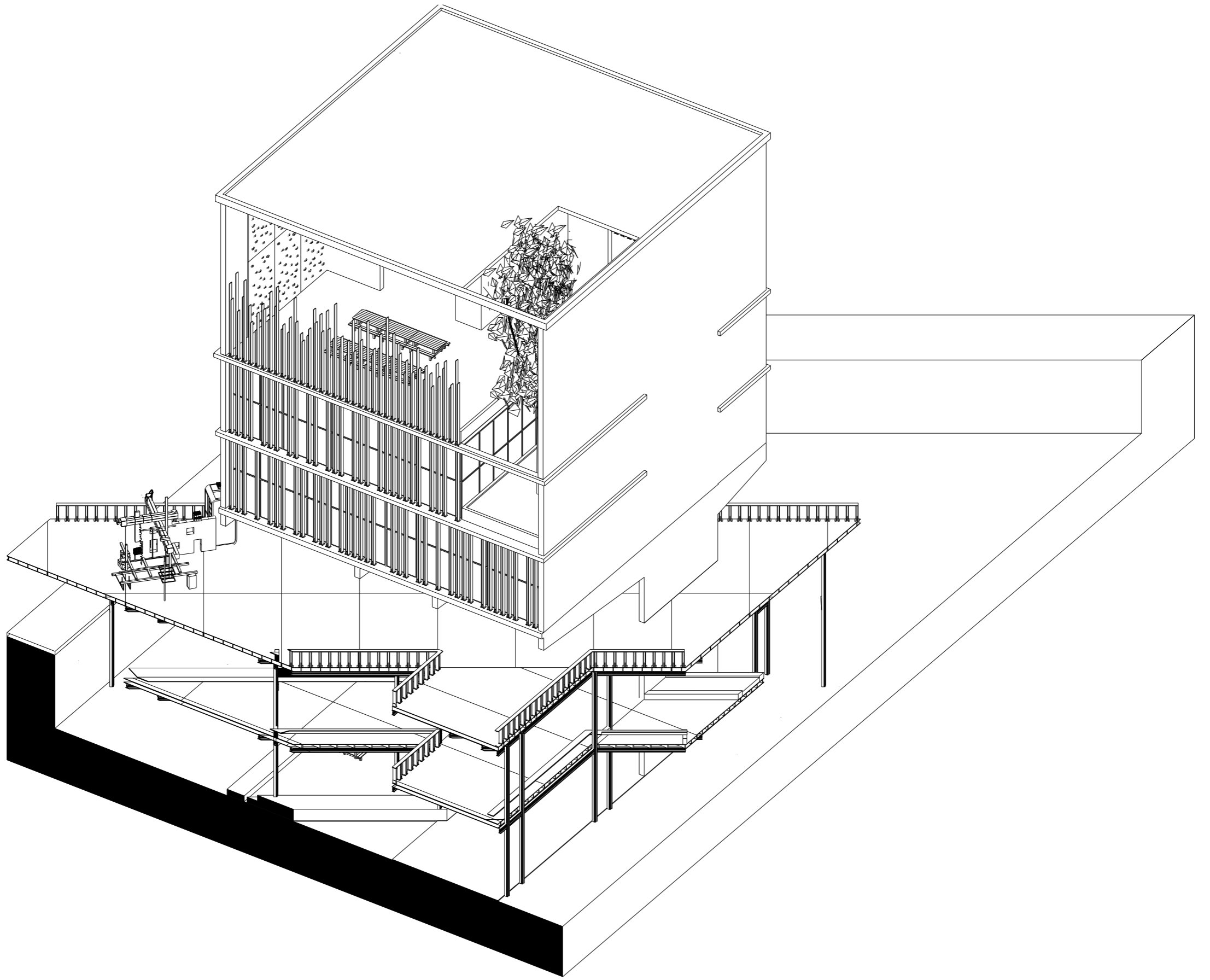


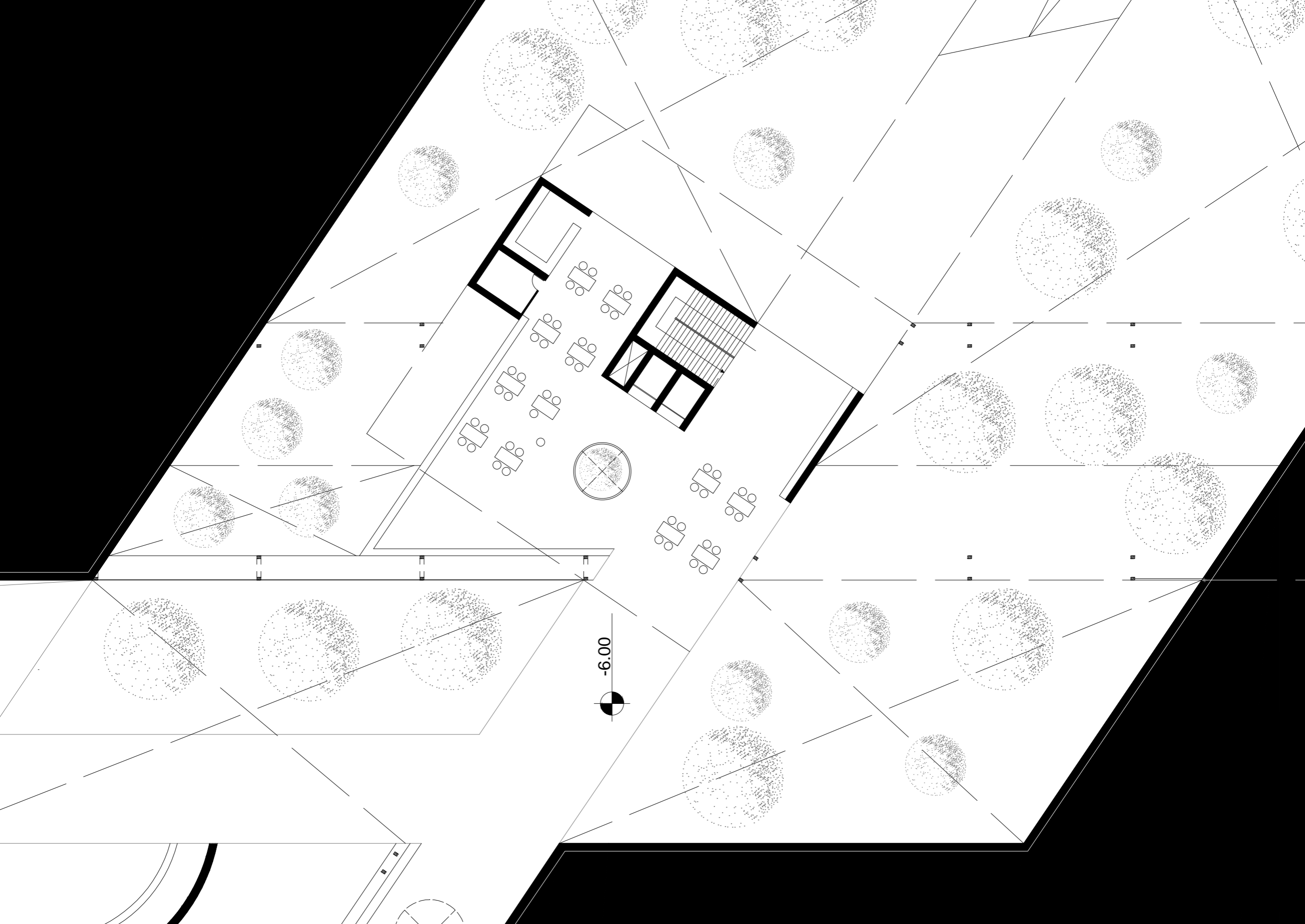
The TreeHouse Station

As it lifts itself from the ground, the tree house train station works as a an element that creates morphological order between the axes of the project. It reinterprets the idea of vertical extension present in Tbilisi and is a place for a transitional occupation.

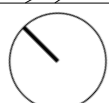




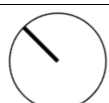
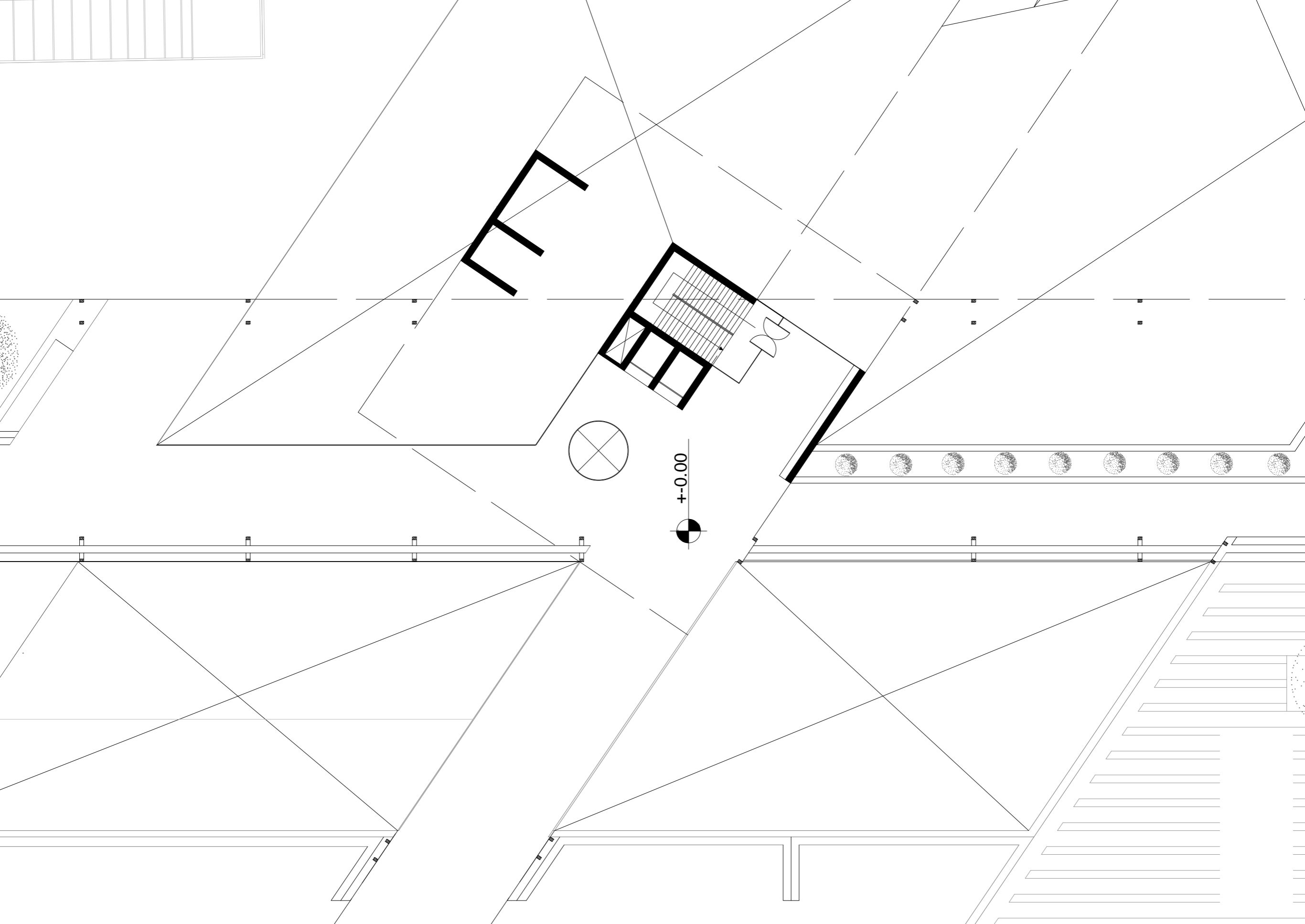




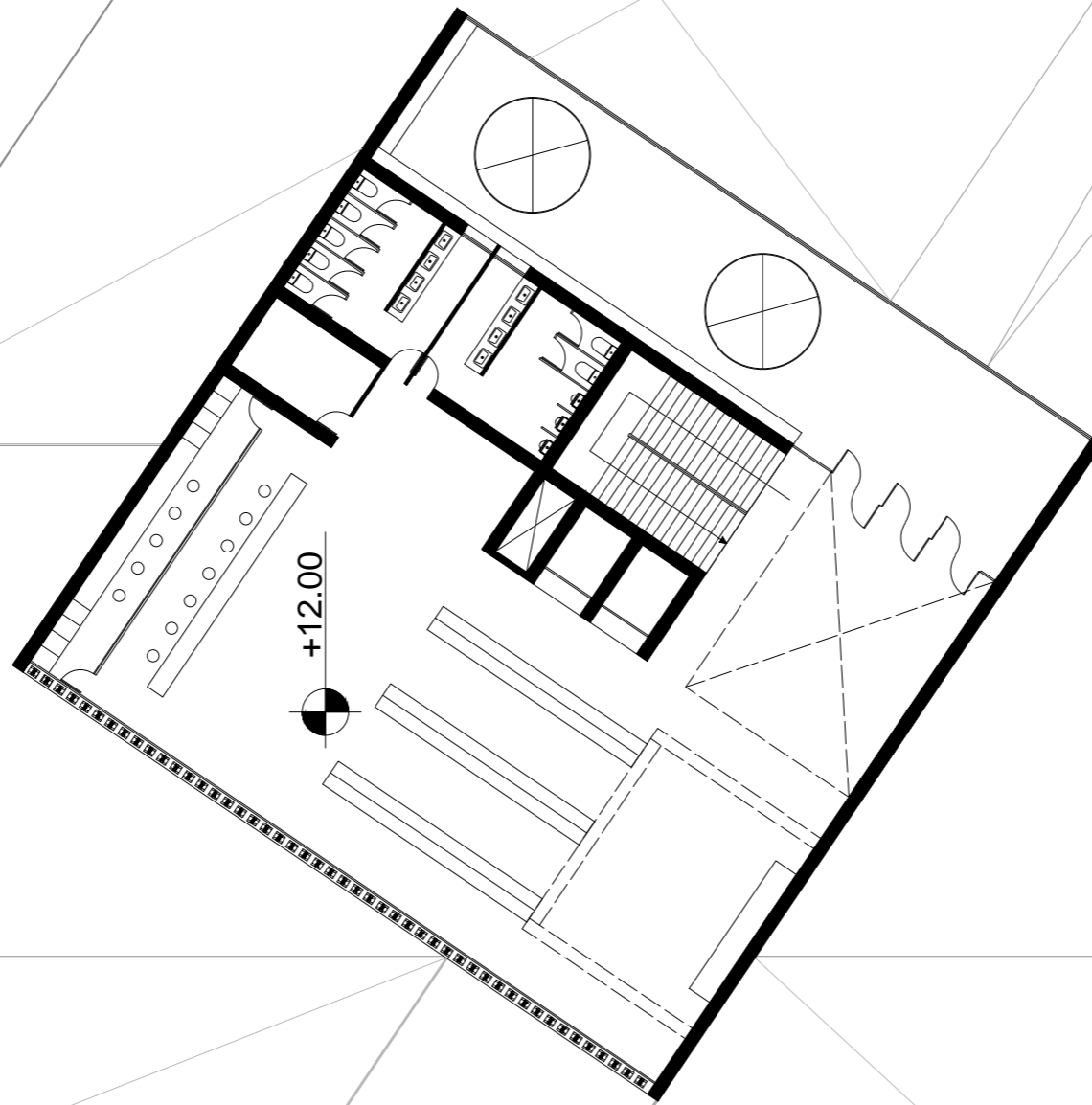
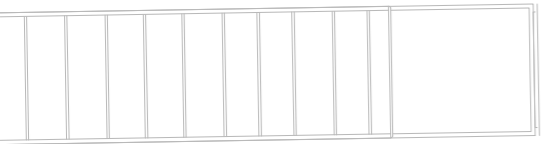
-6.00



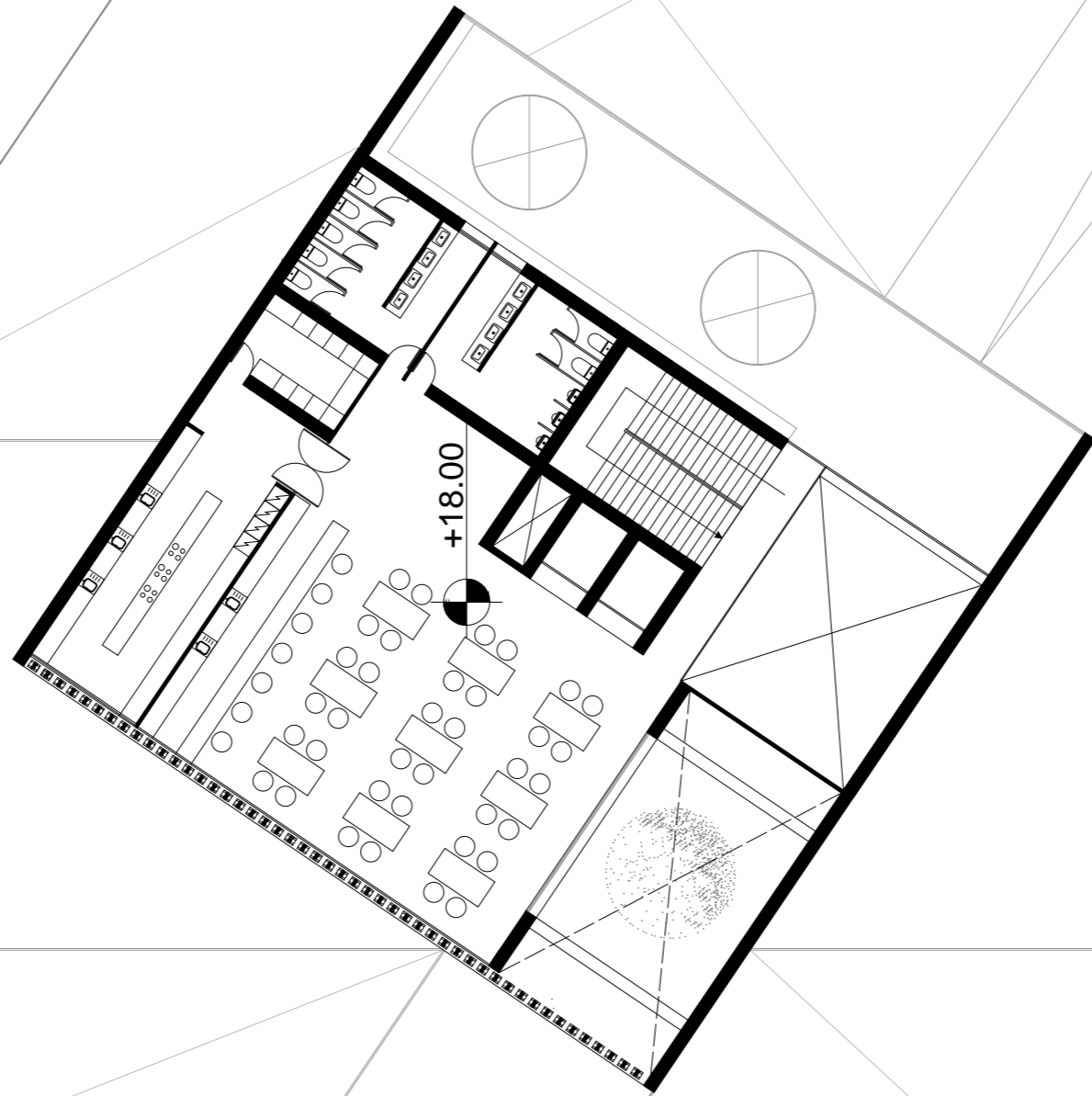
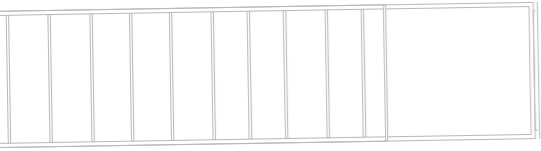
FLOOR PLAN -6.00



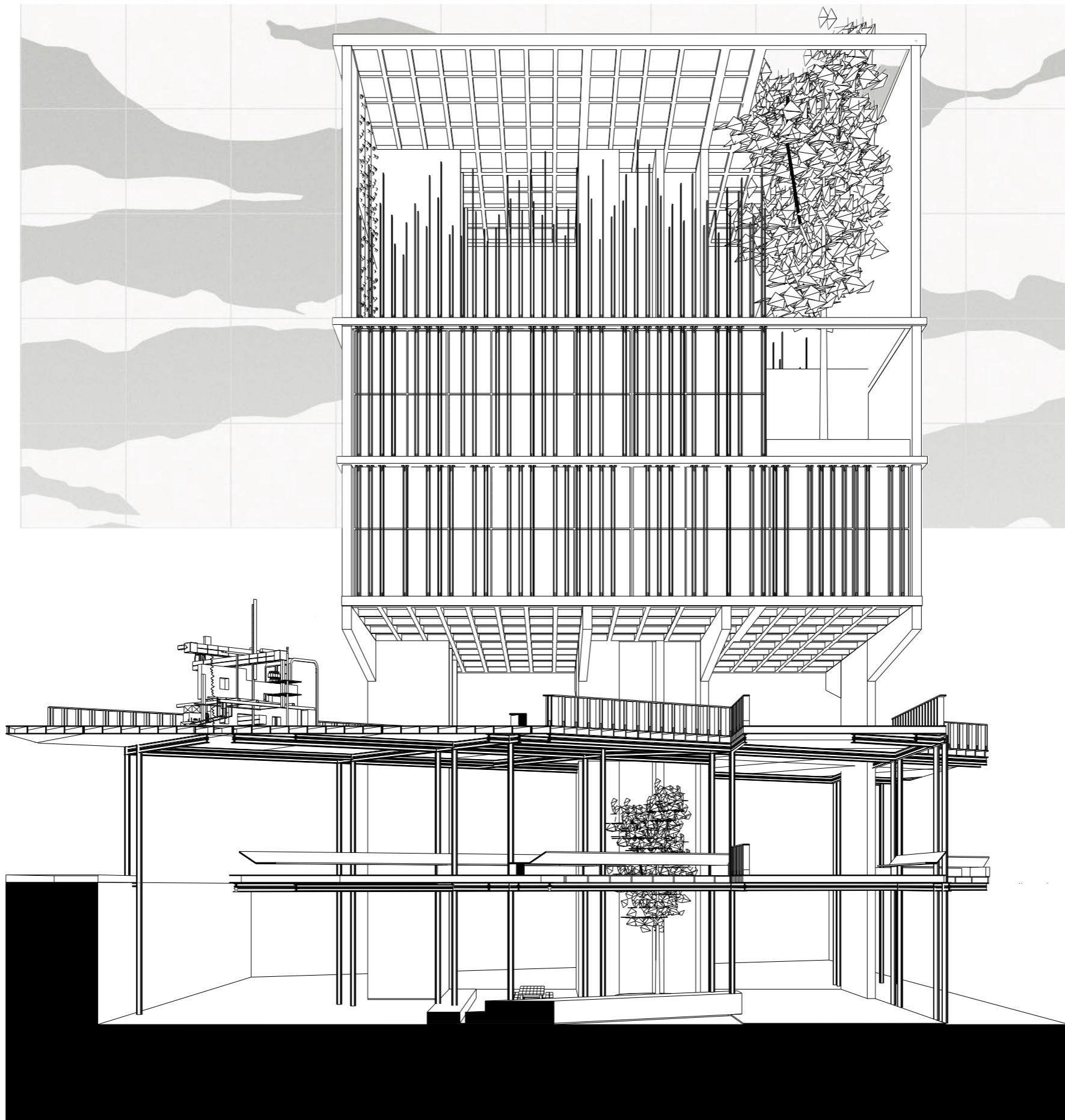
FLOOR PLAN +/-0.00



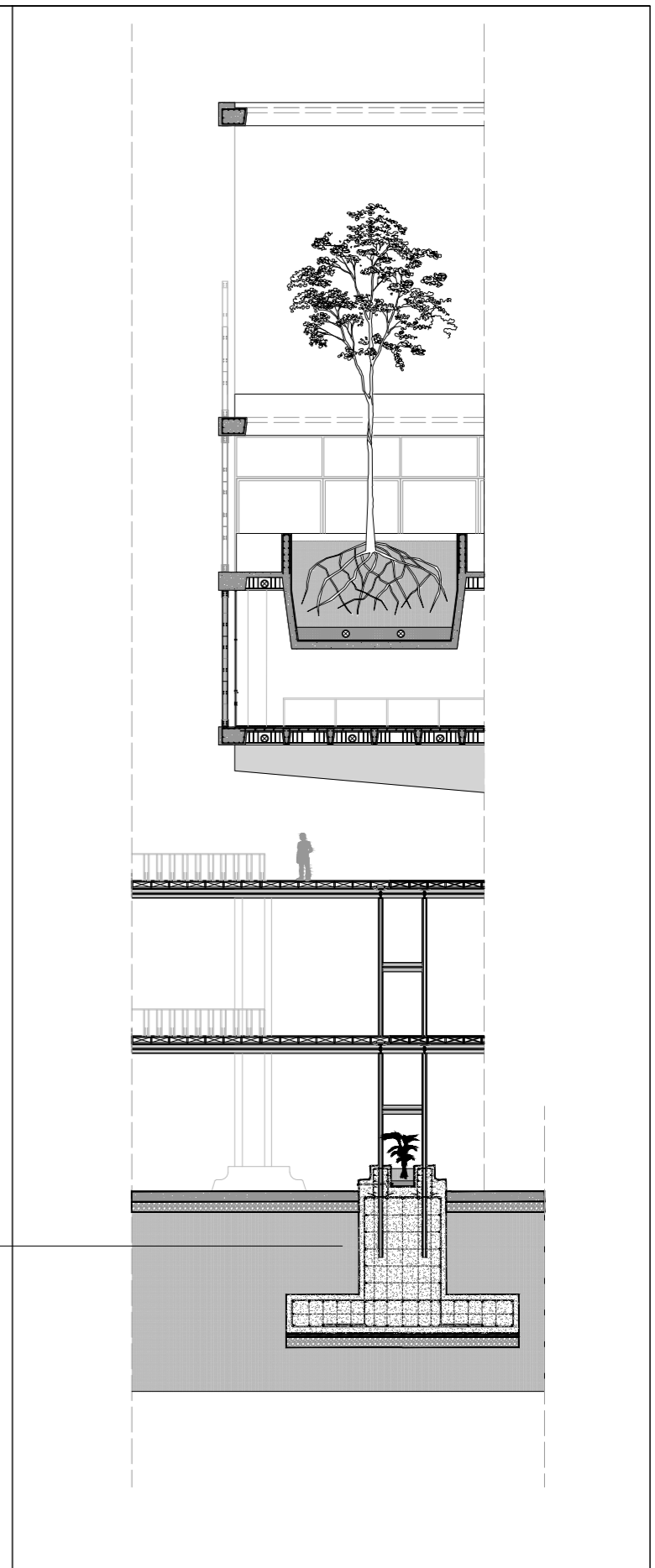
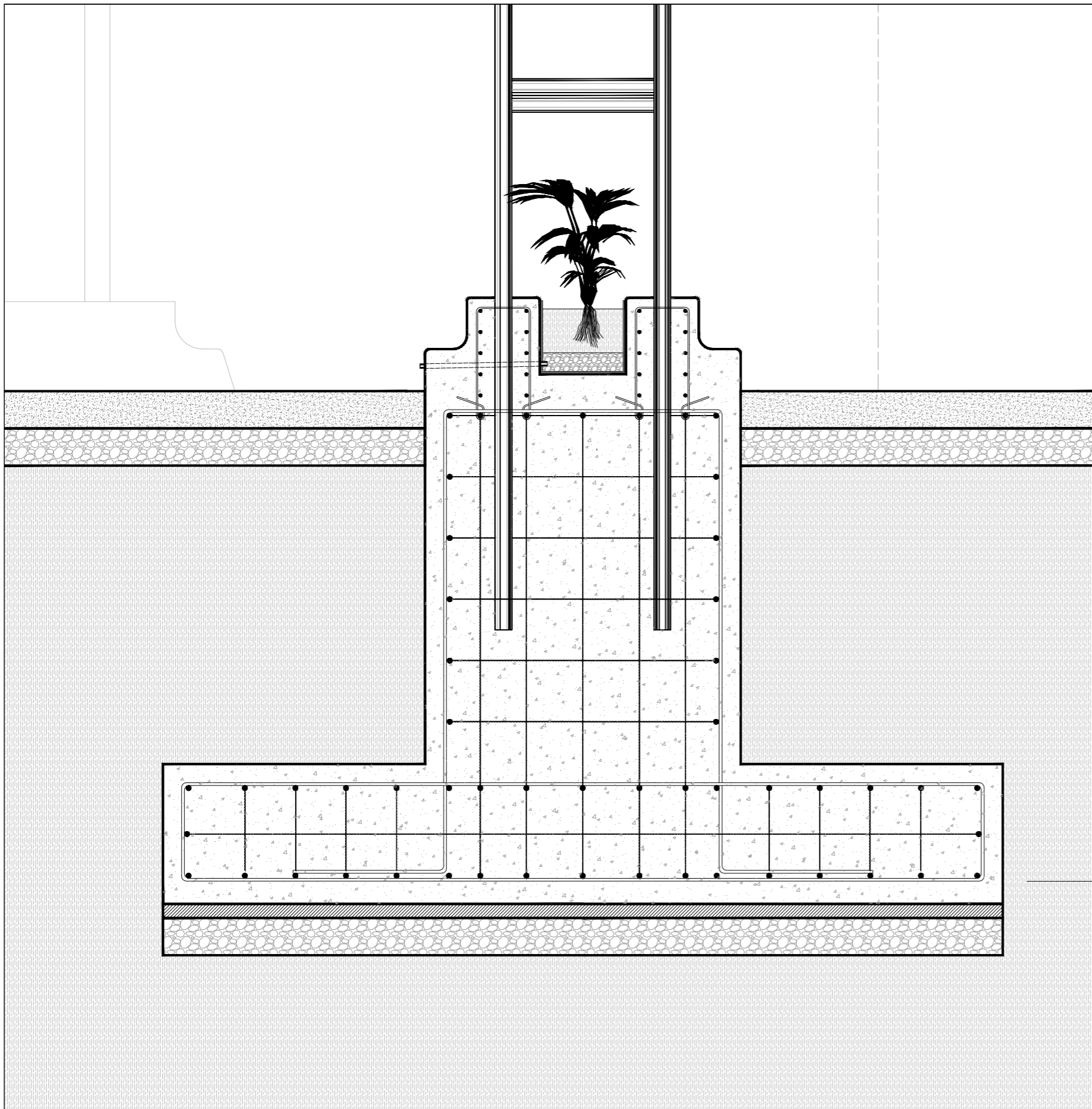
FLOOR PLAN +12.00

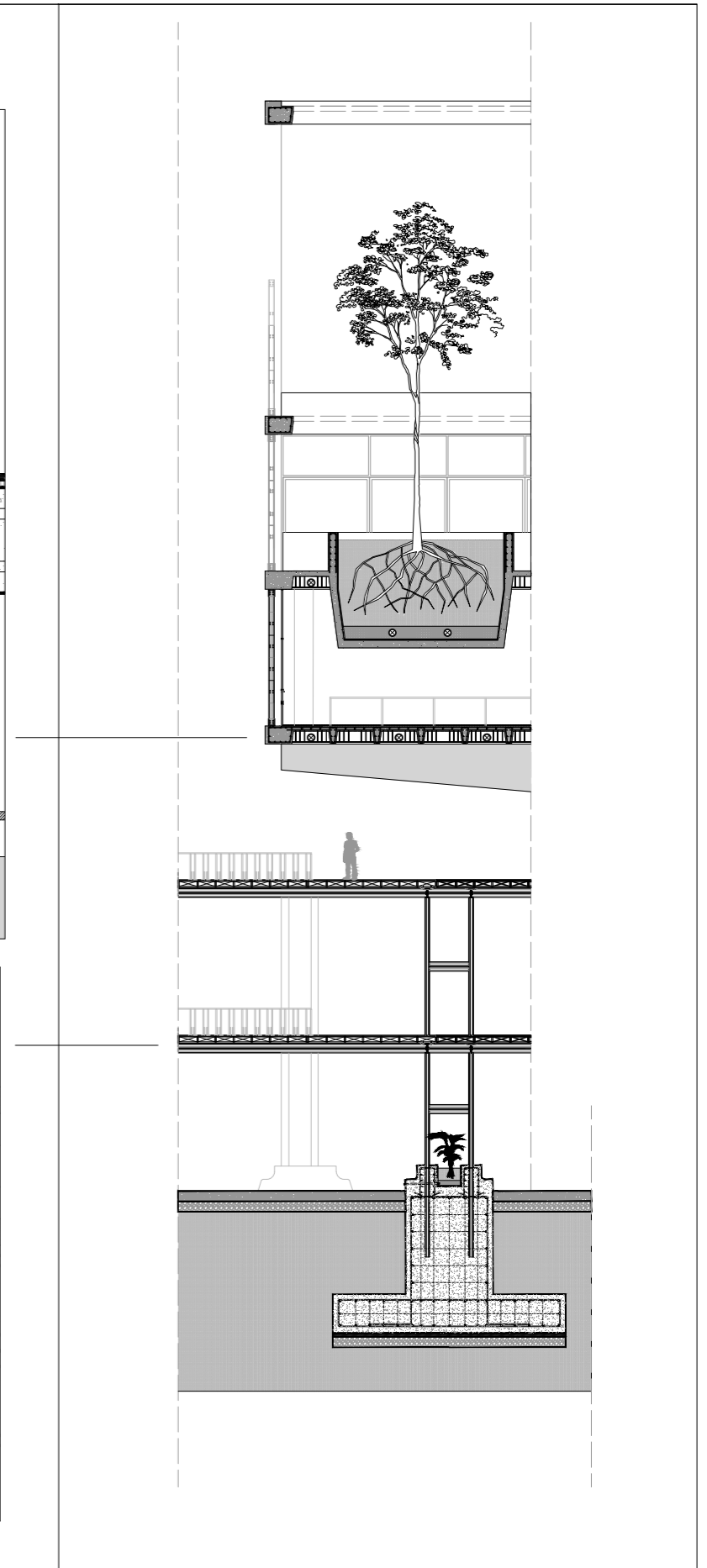
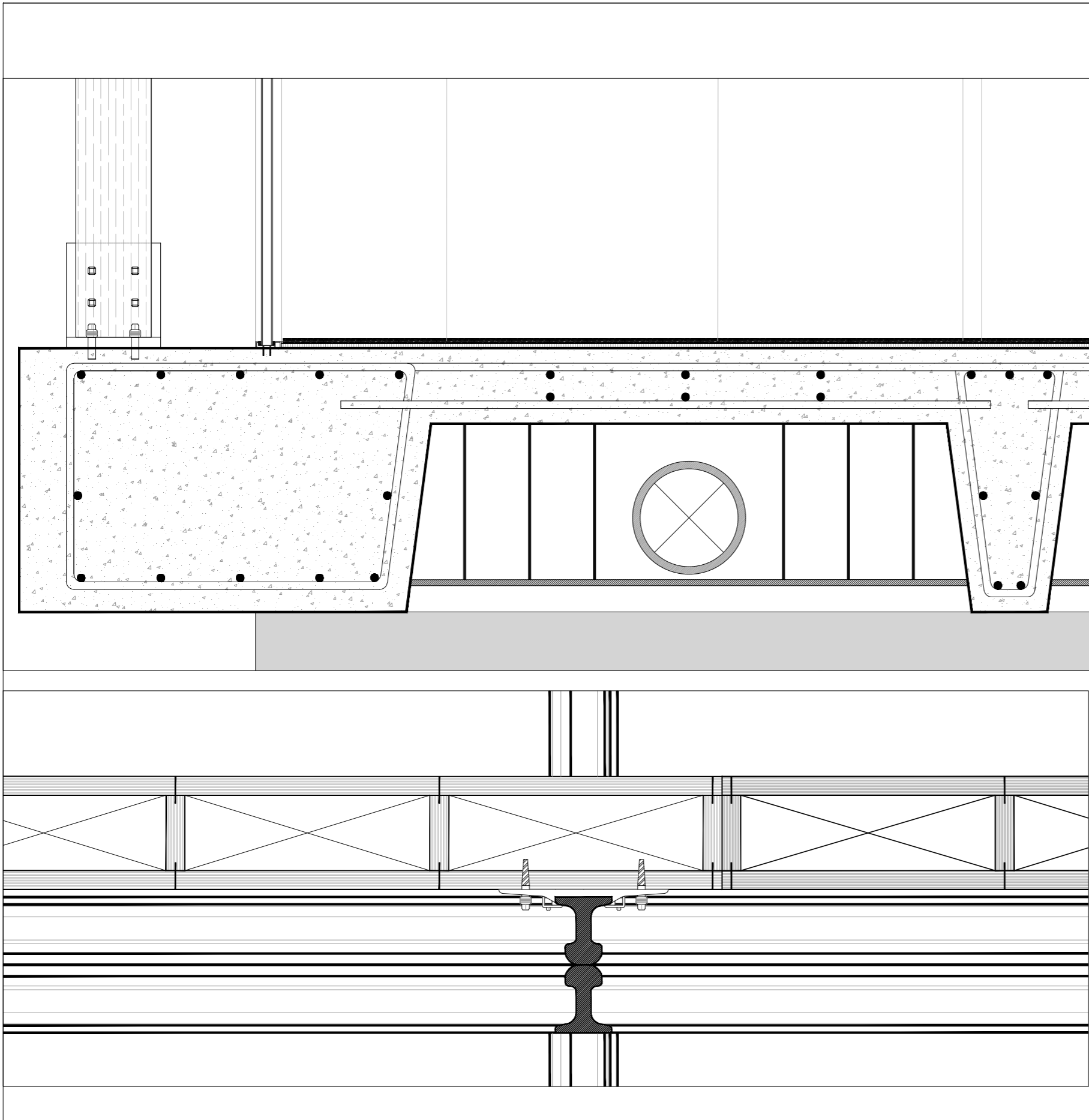


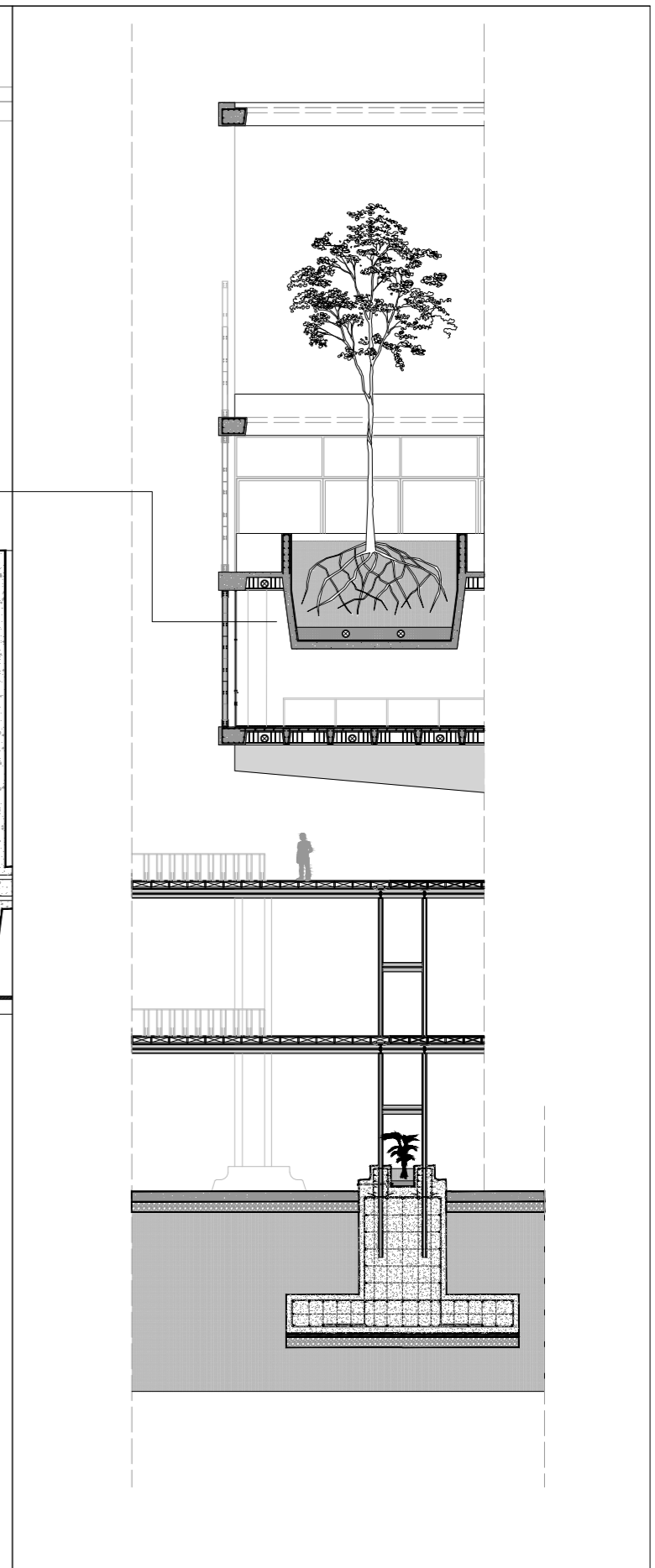
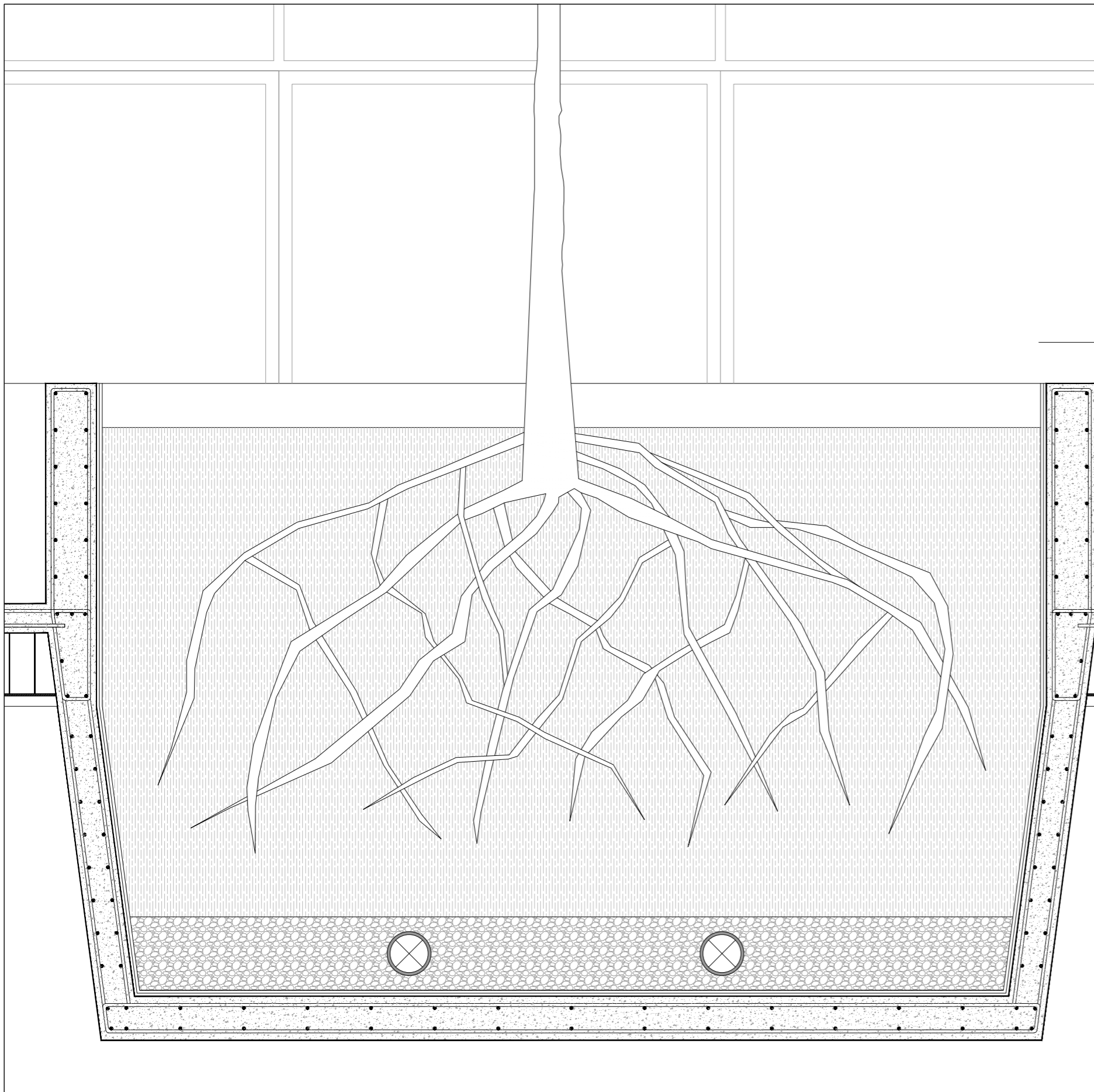
FLOOR PLAN +18.00

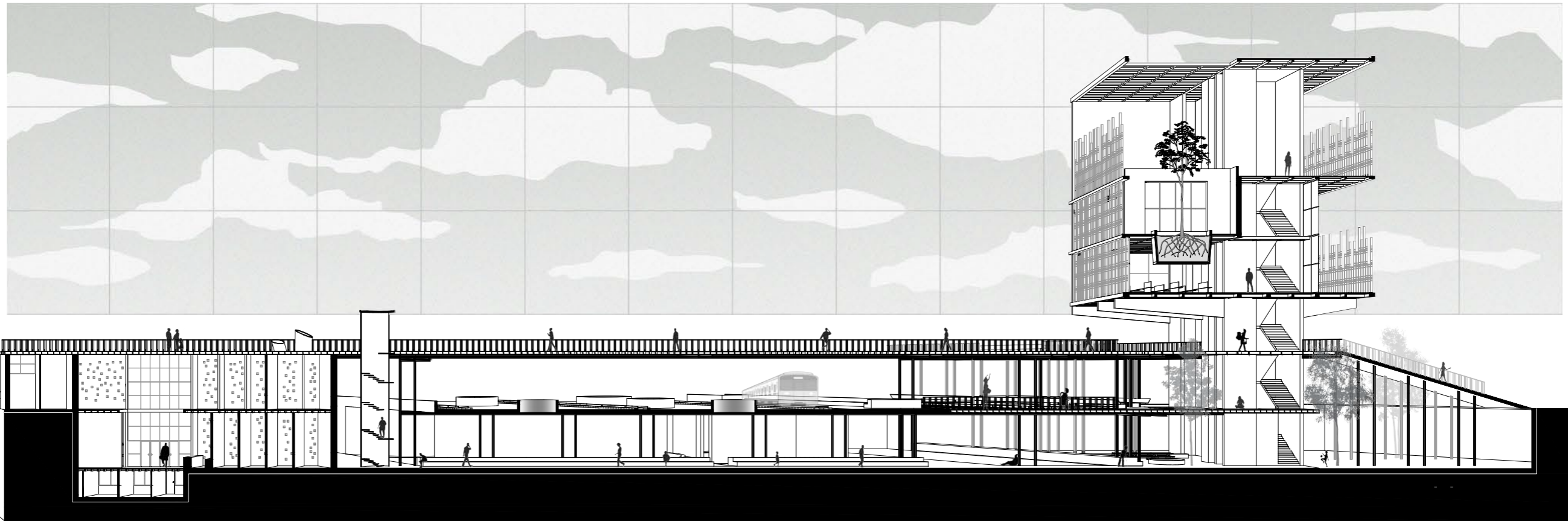


TREE HOUSE STATION FRONT ELEVATION



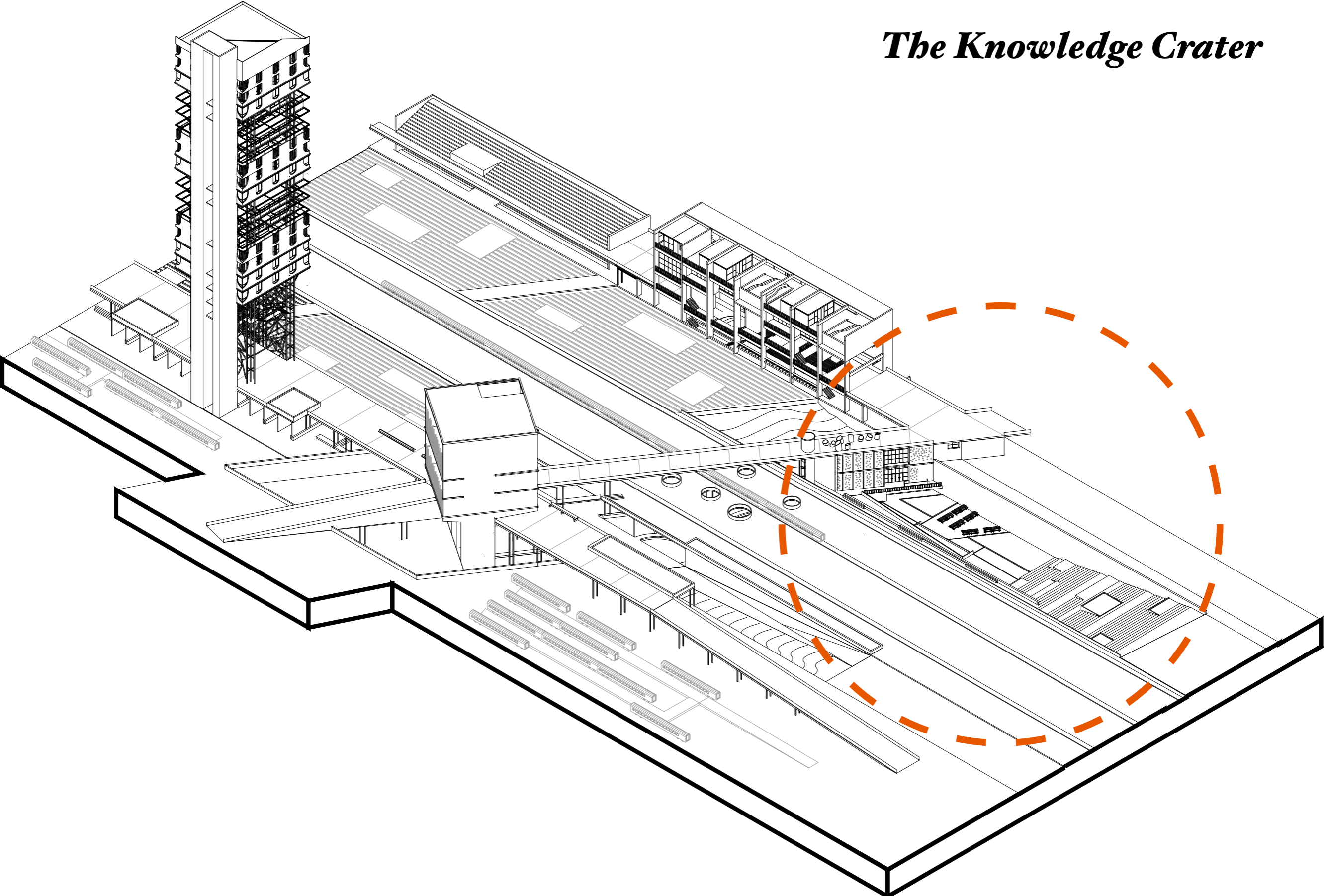




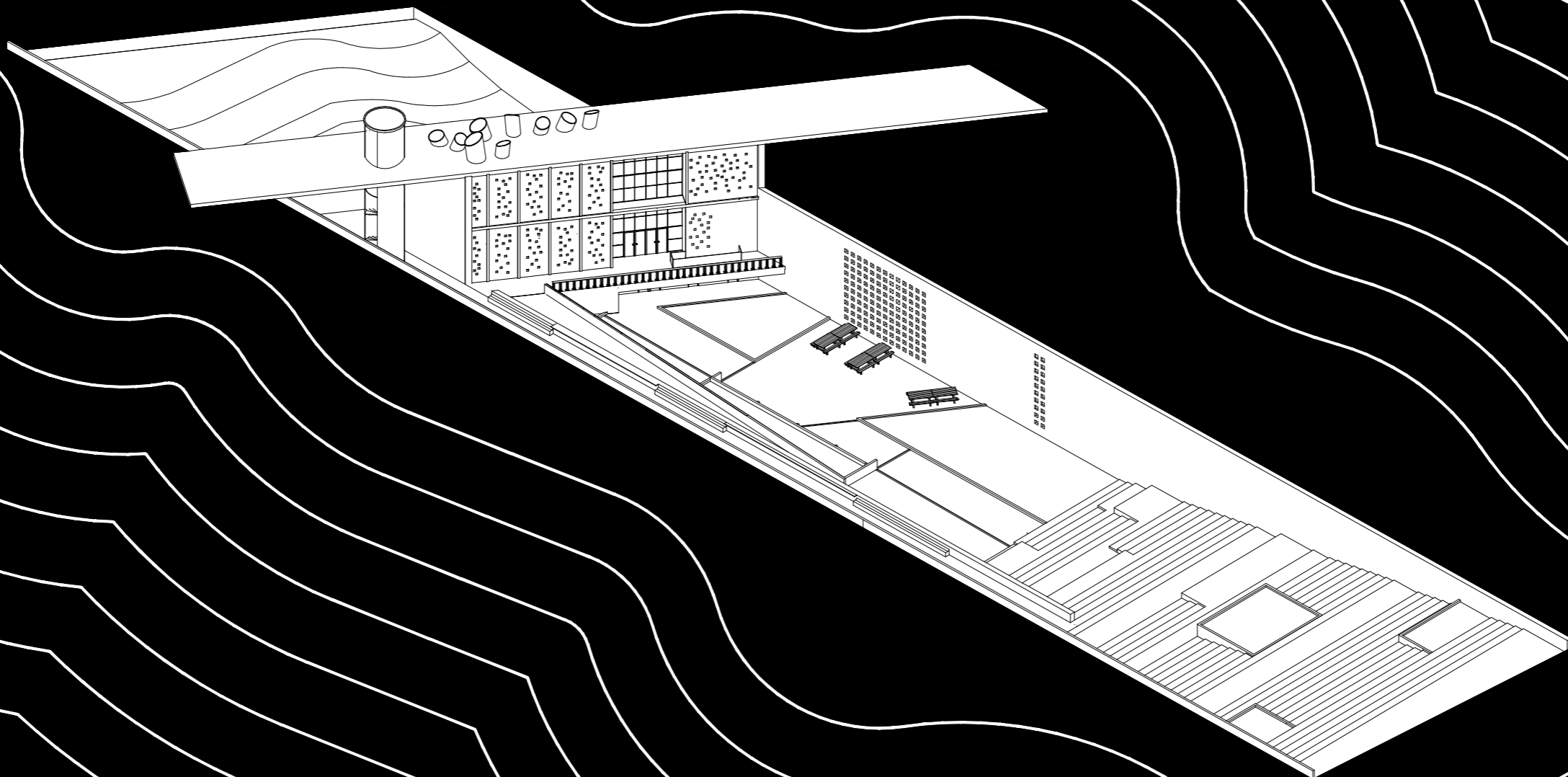


SECTION C-C'

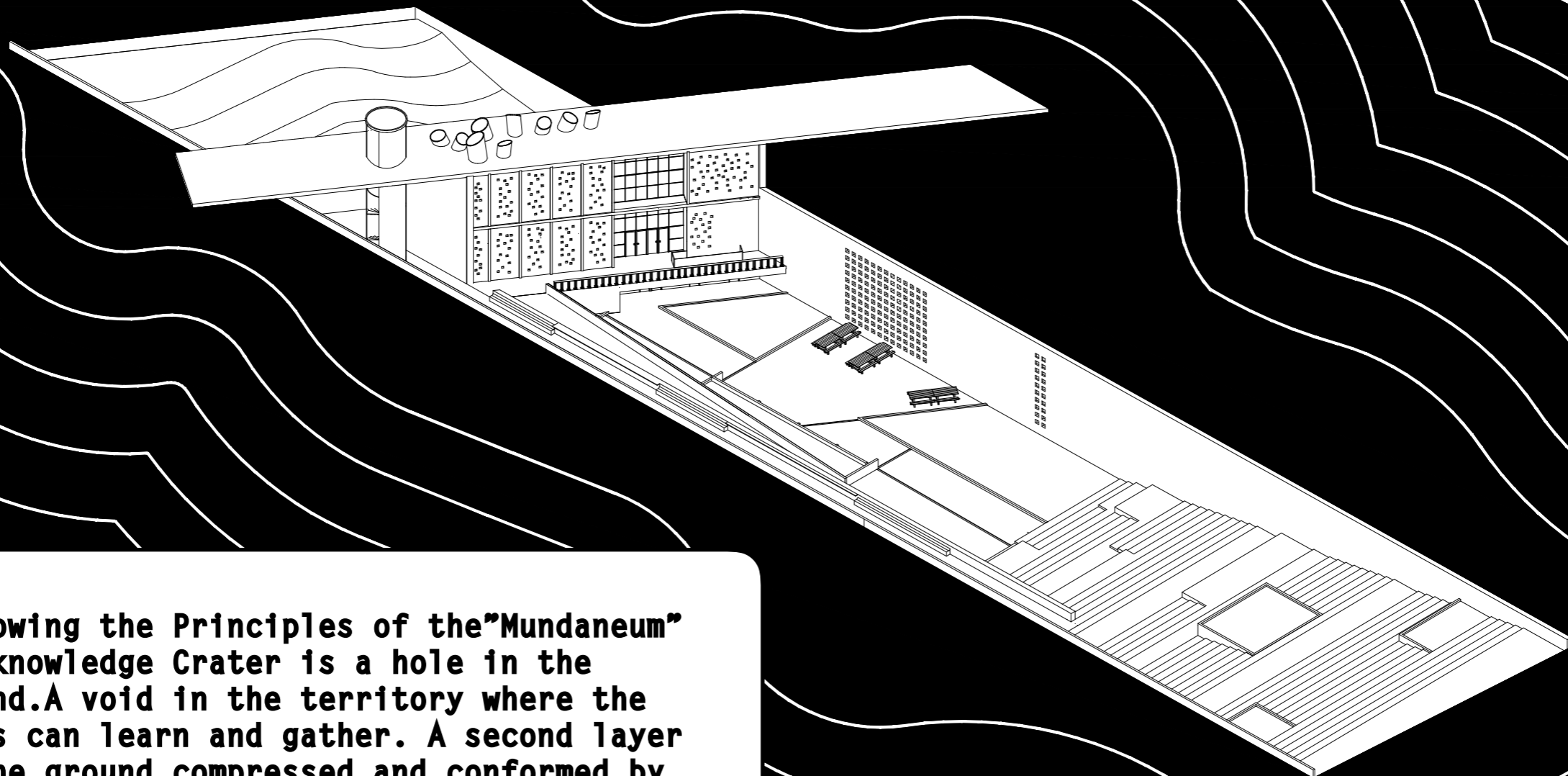
The Knowledge Crater



The Knowledge Crater



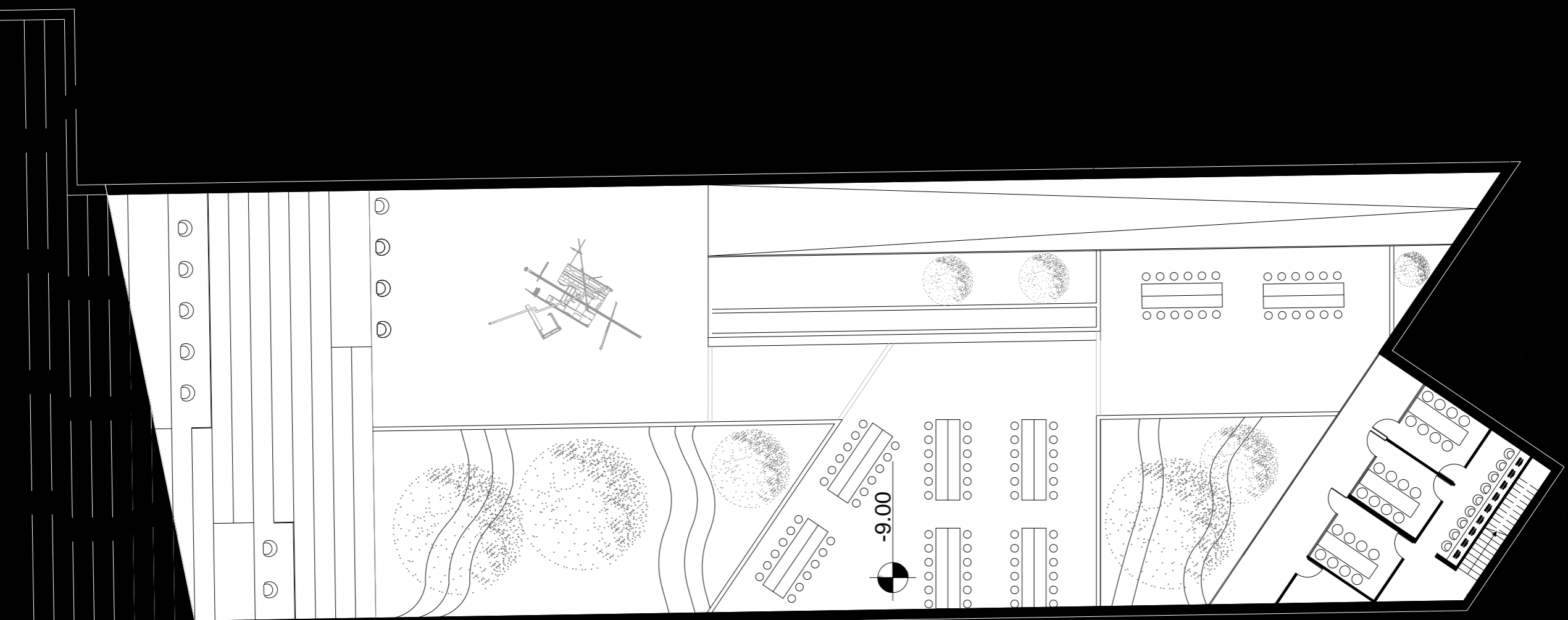
The Knowledge Crater



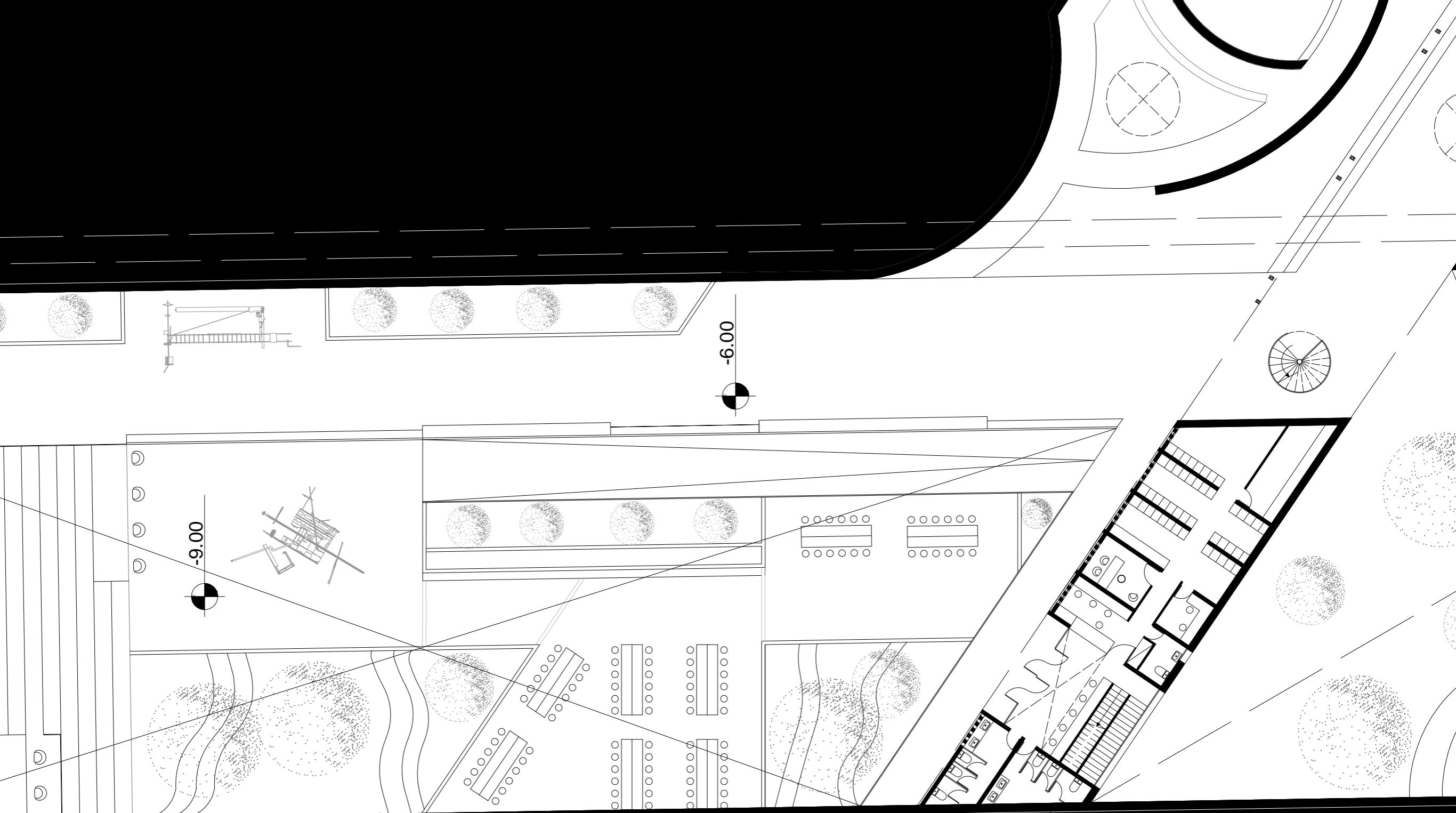
Following the Principles of the "Mundaneum"
The knowledge Crater is a hole in the
ground. A void in the territory where the
users can learn and gather. A second layer
of the ground compressed and conformed by
planes which make it an independent space,
an exterior room or a crater to read and
spend time with others.

PAUL OTLET - "MUNDANEUM: DOCUMENTATION PARTES"

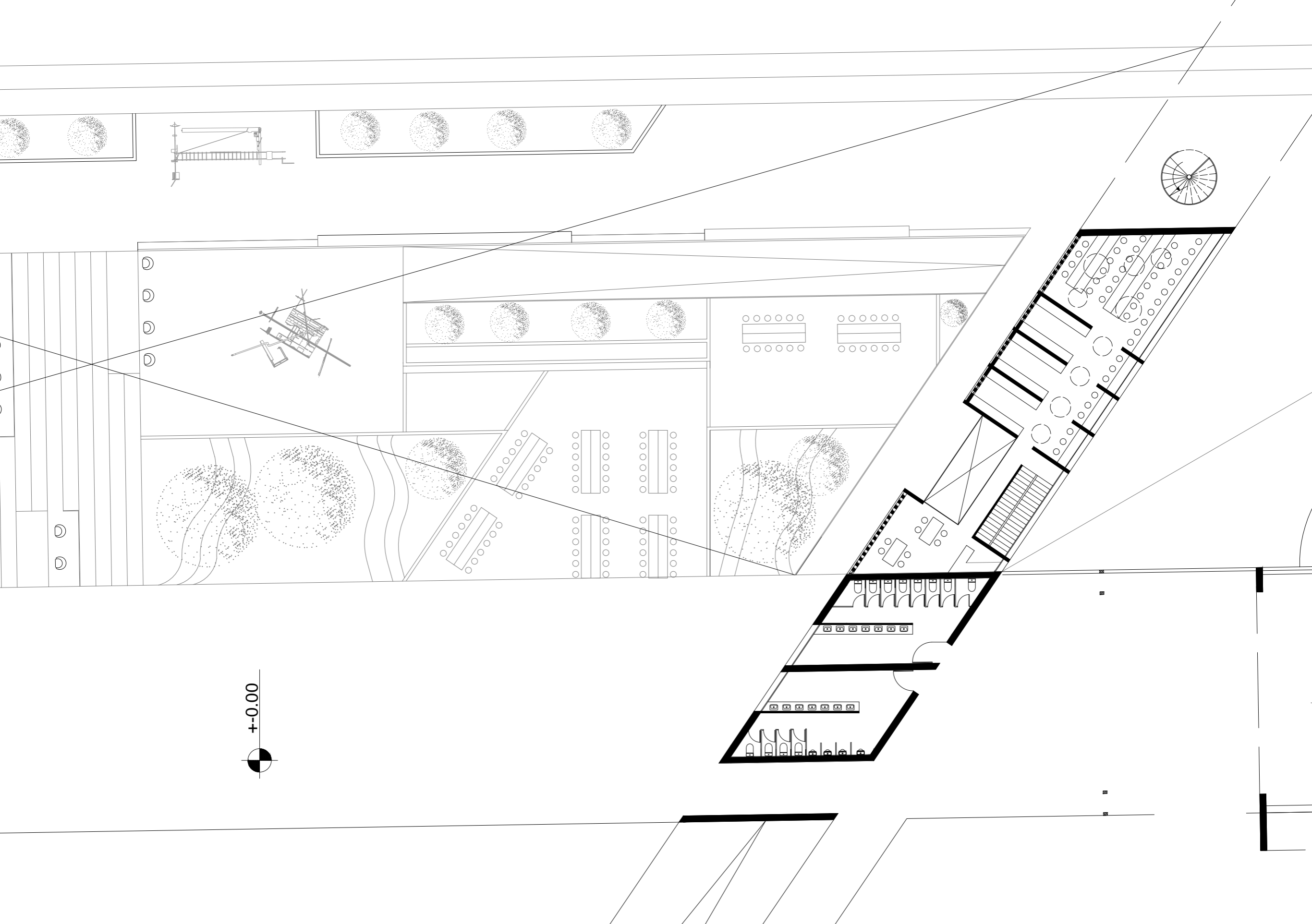




FLOOR PLAN -9.00



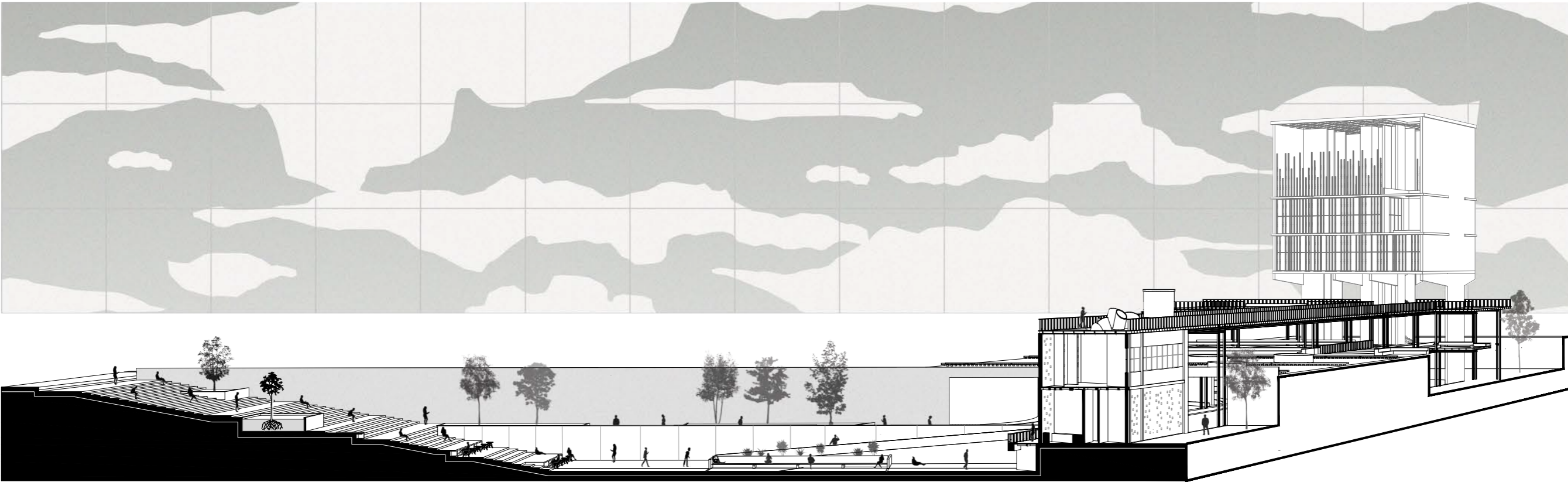
FLOOR PLAN -6.00



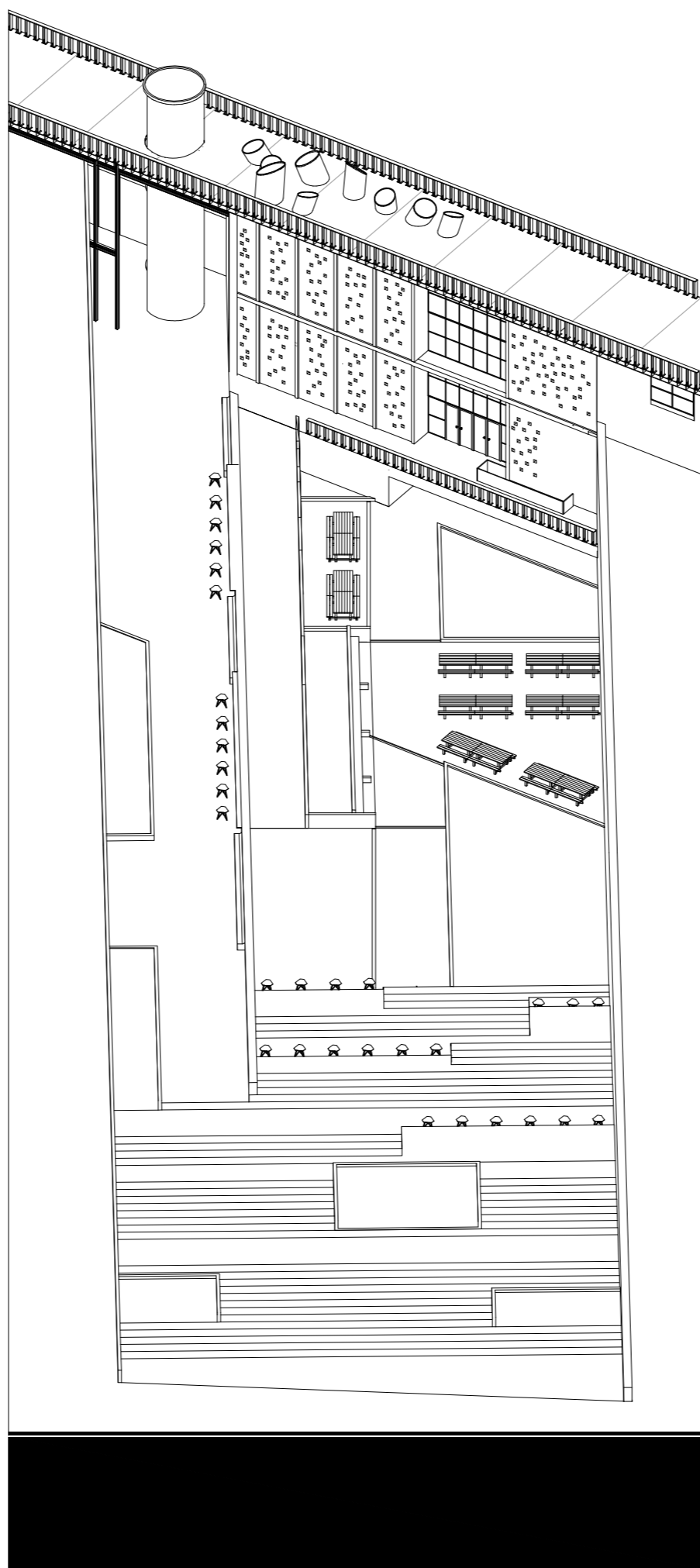
+0.00



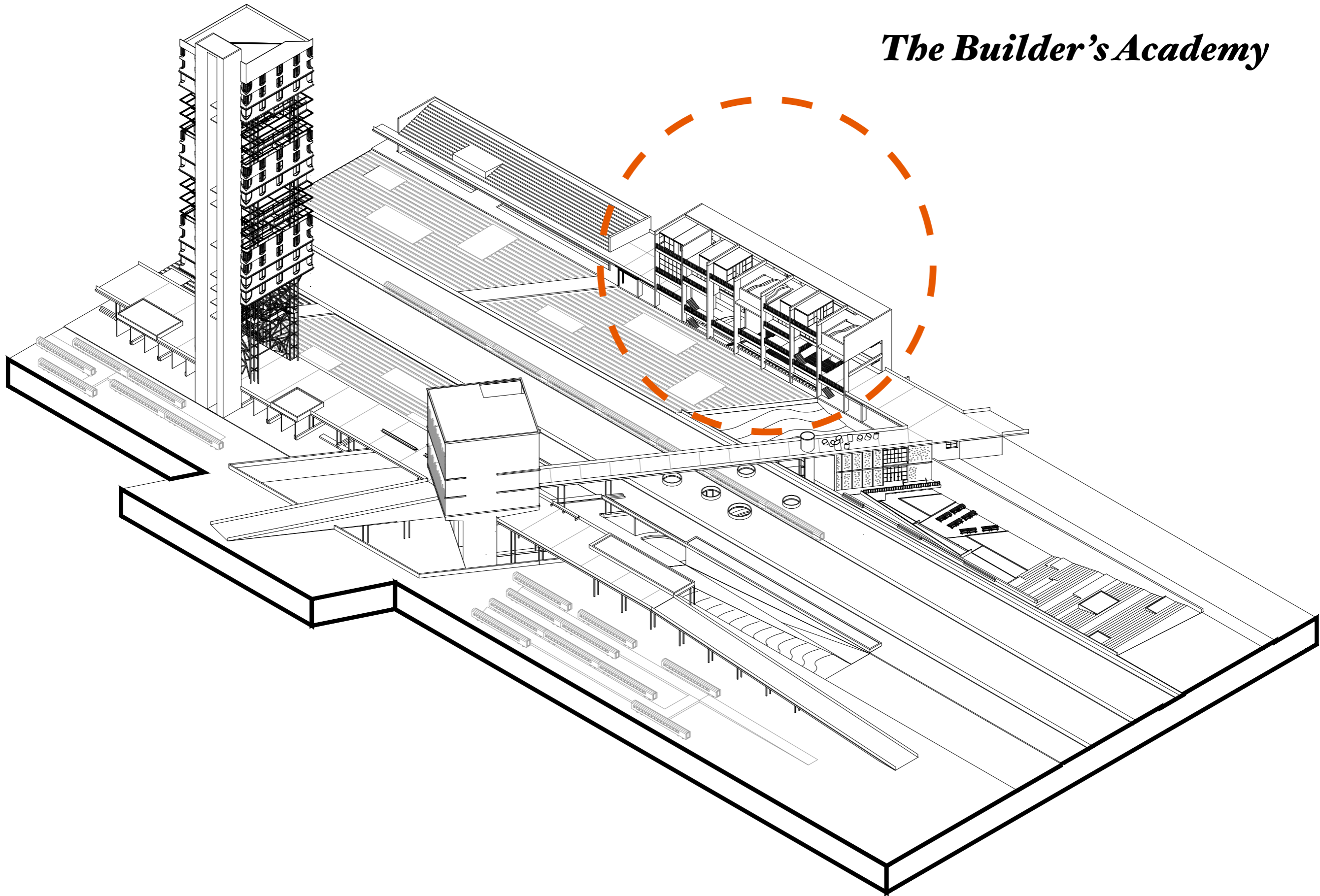
FLOOR PLAN +/-0.00



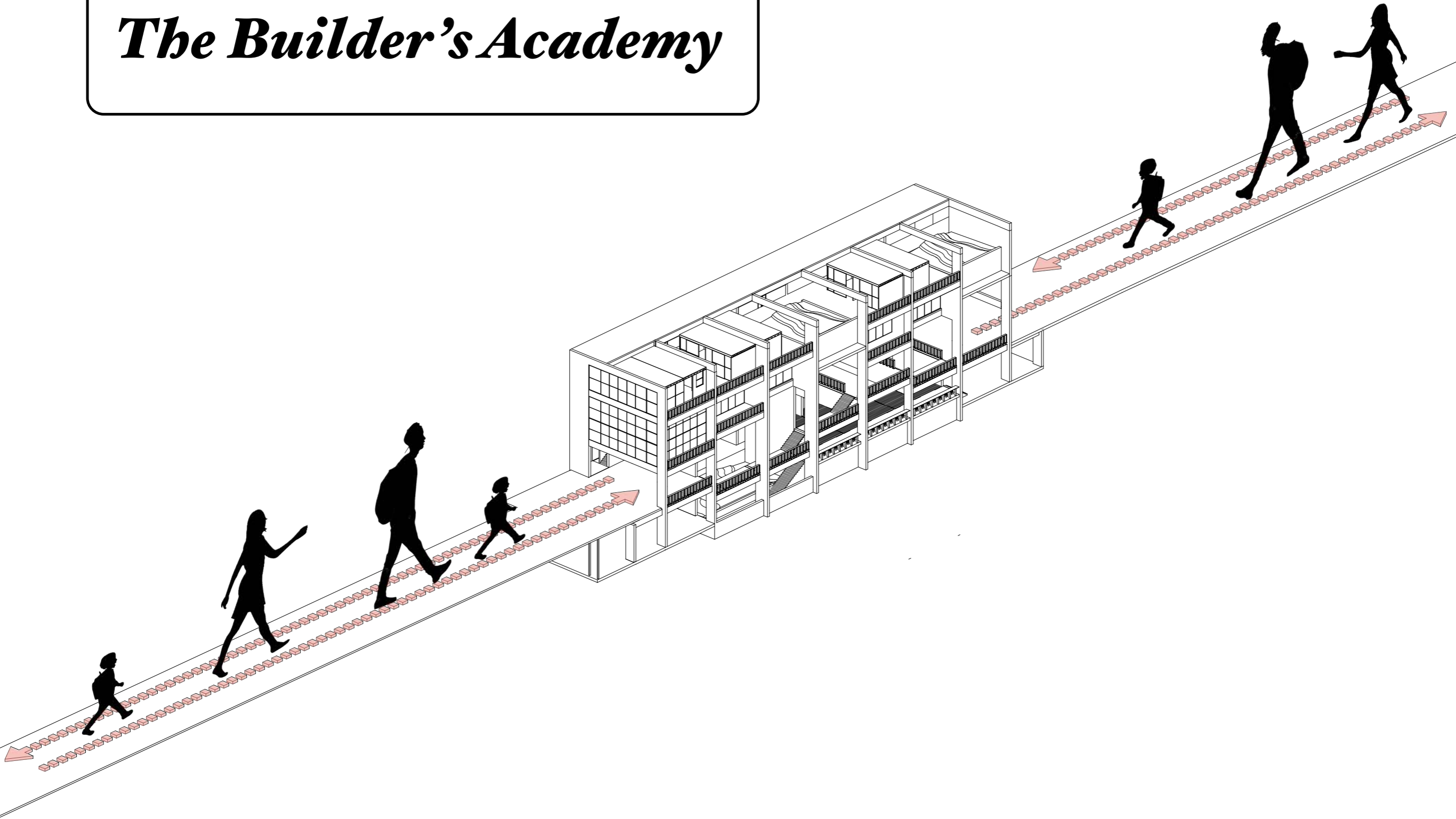
SECTION B-B'



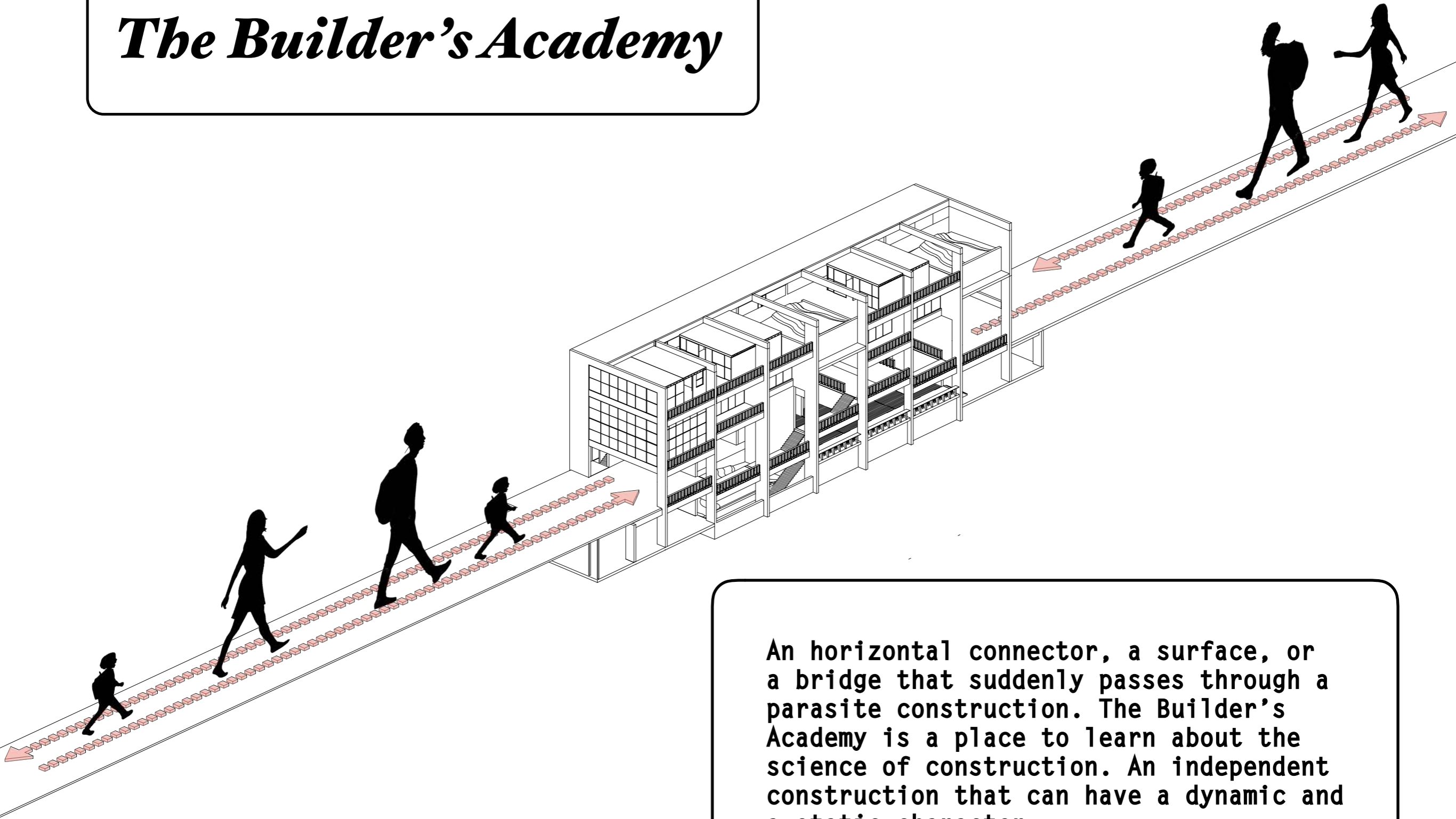
The Builder's Academy



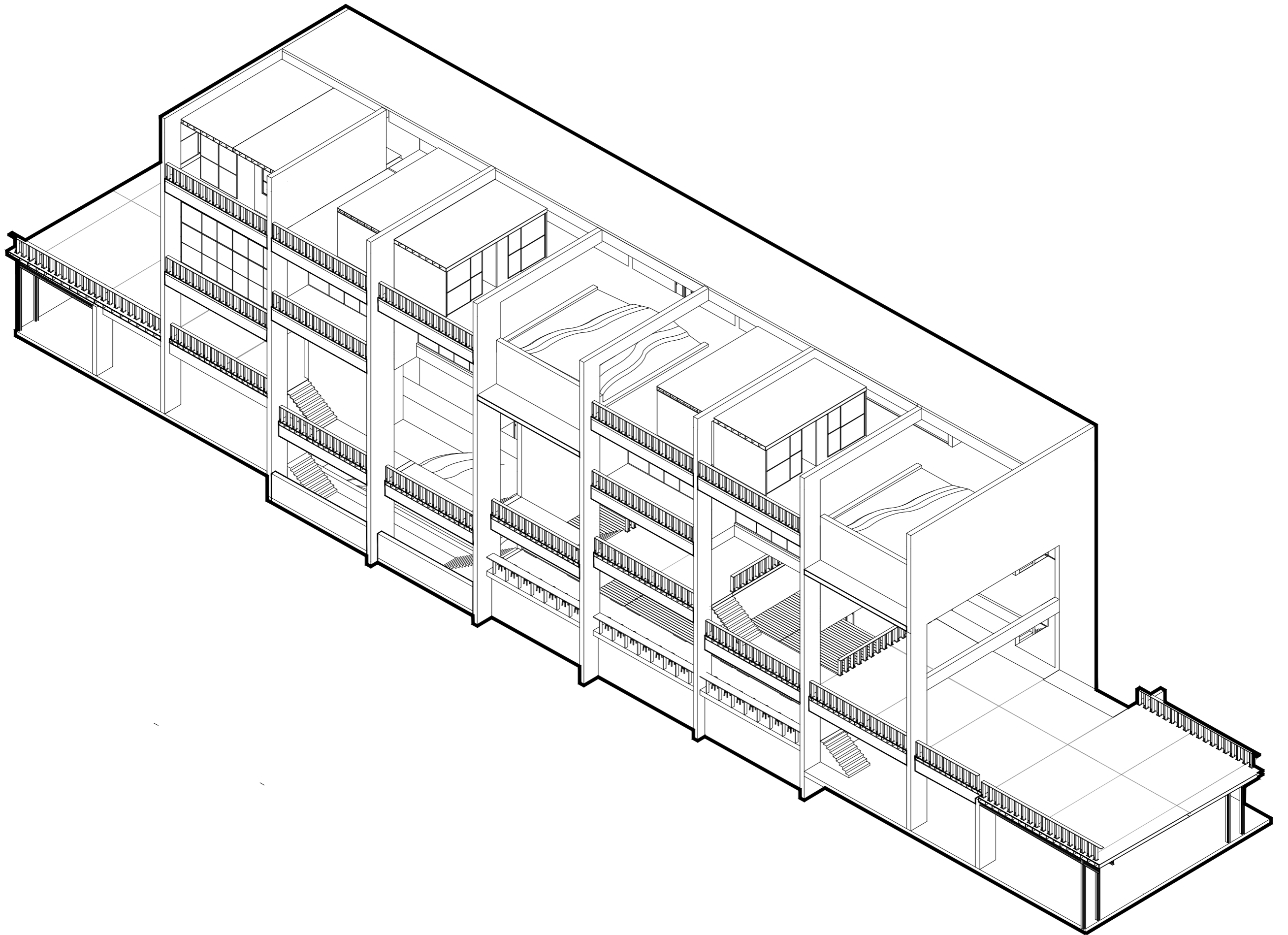
The Builder's Academy

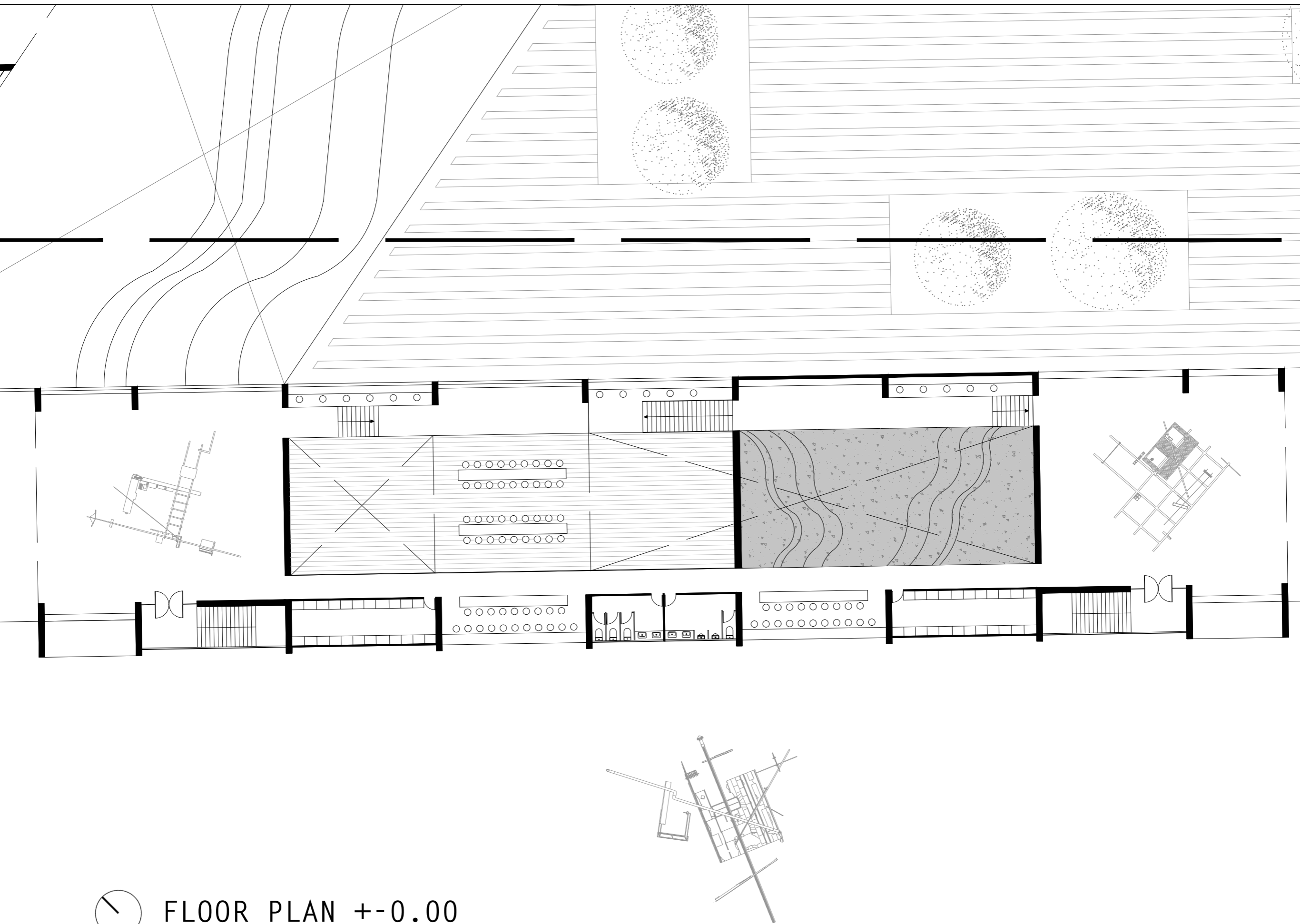


The Builder's Academy

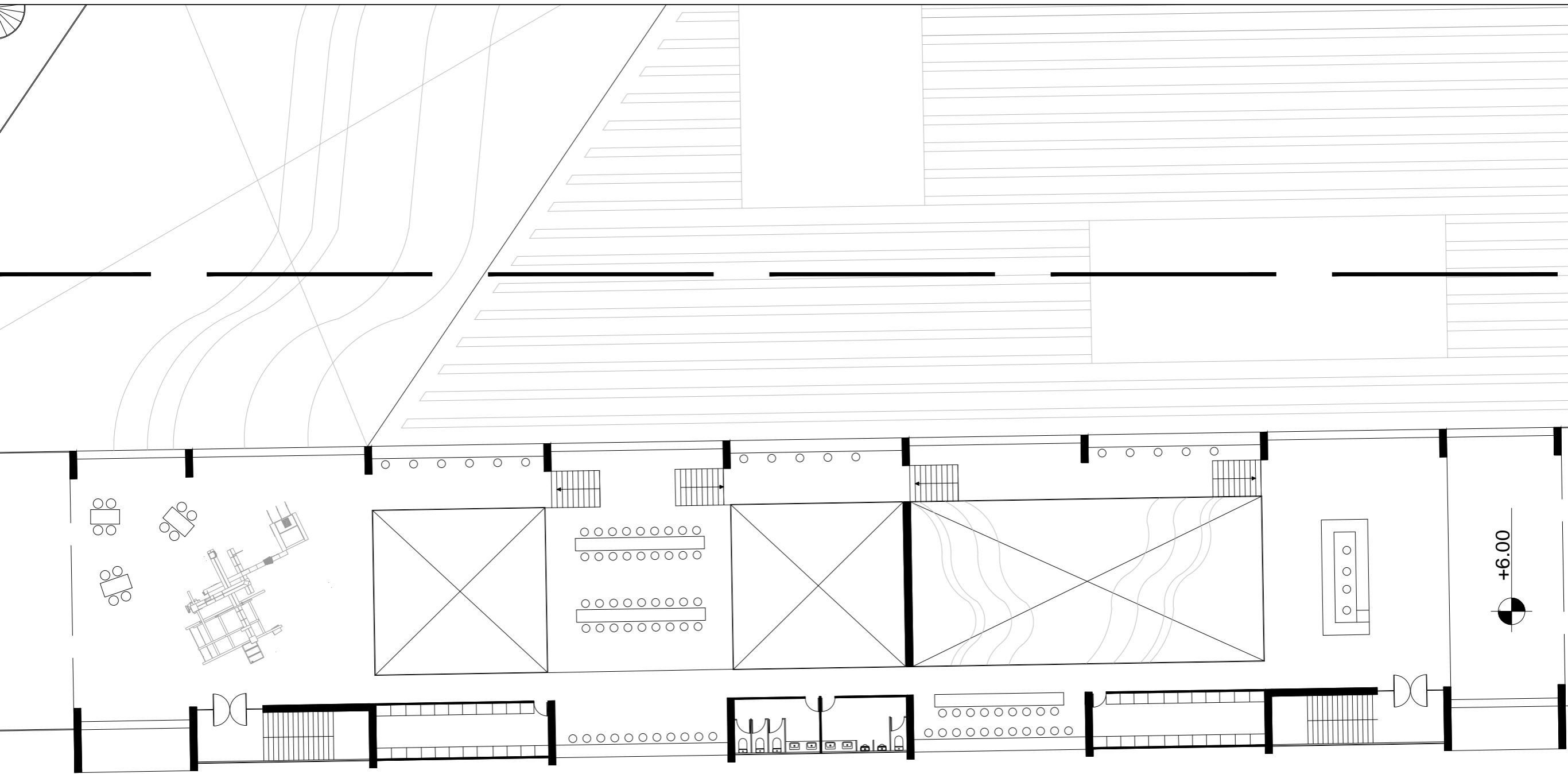


An horizontal connector, a surface, or a bridge that suddenly passes through a parasite construction. The Builder's Academy is a place to learn about the science of construction. An independent construction that can have a dynamic and a static character.





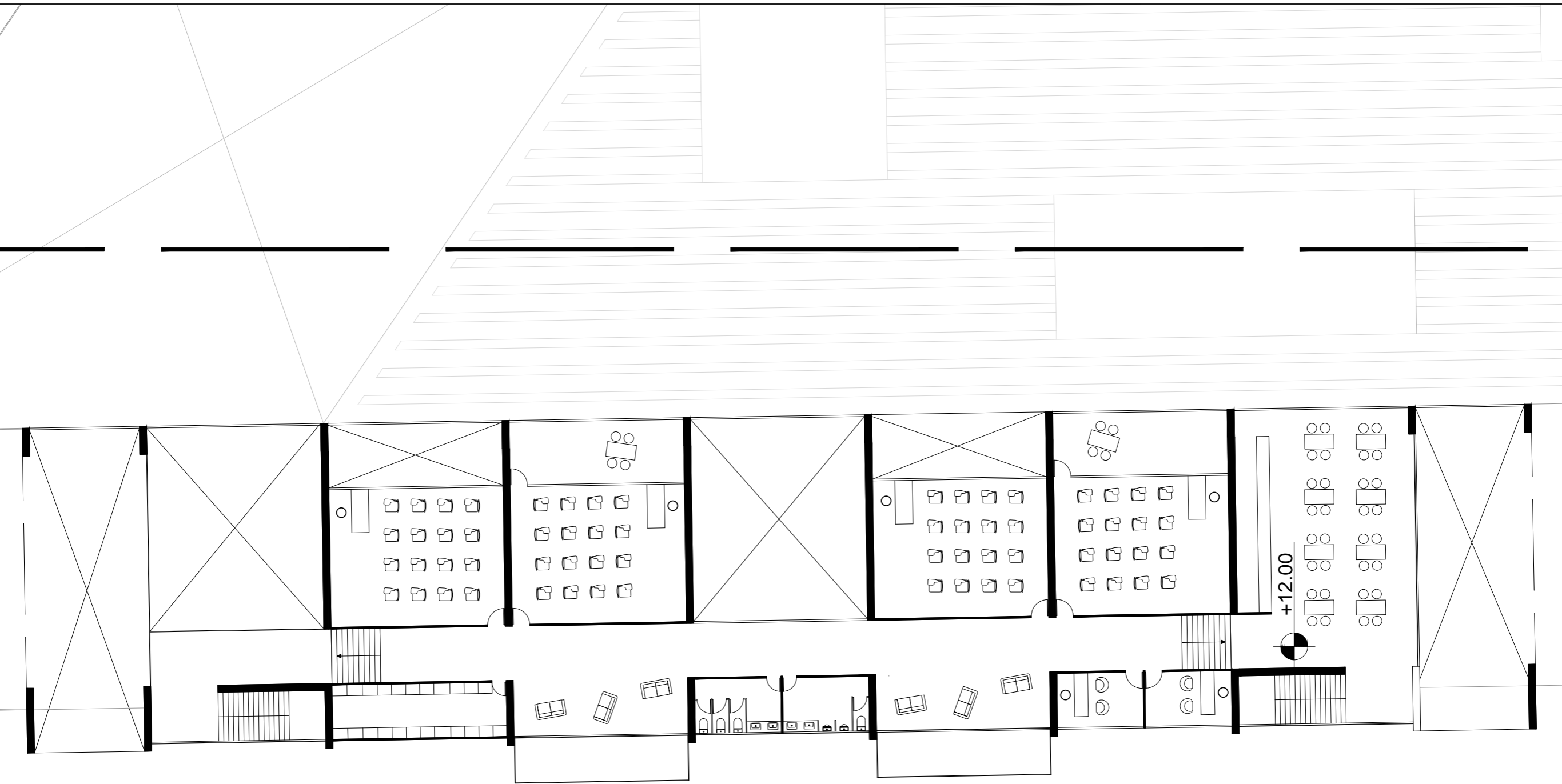
⊙ FLOOR PLAN +/-0.00



+6.00



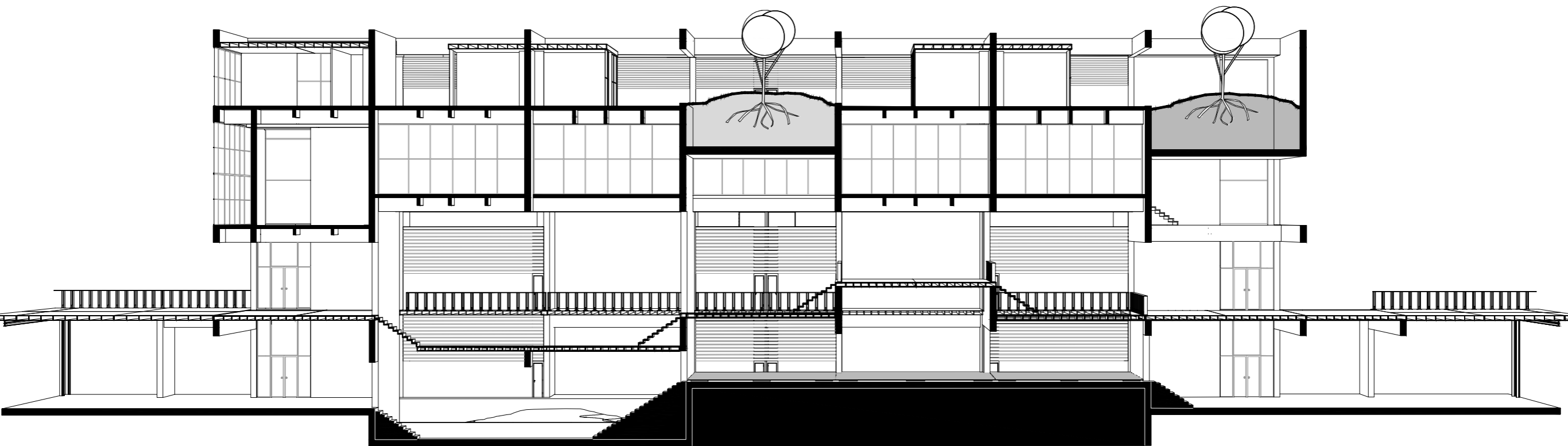
FLOOR PLAN +6.00



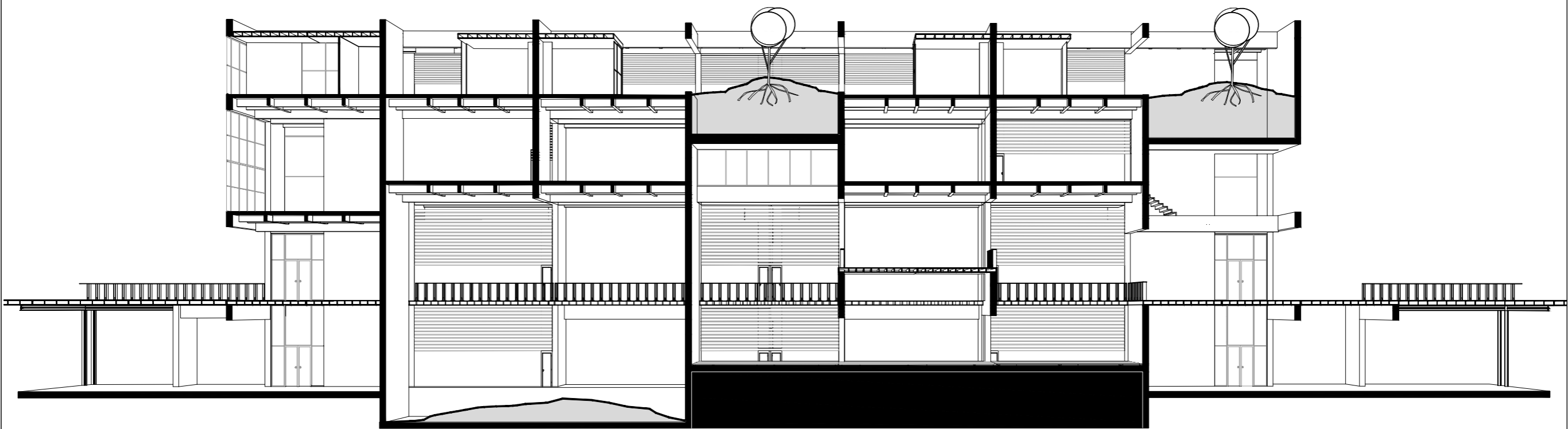
FLOOR PLAN +12.00



FLOOR PLAN +18.00



BUILDER'S ACADEMY SECTION A-A'



BUILDER'S ACADEMY SECTION B-B'

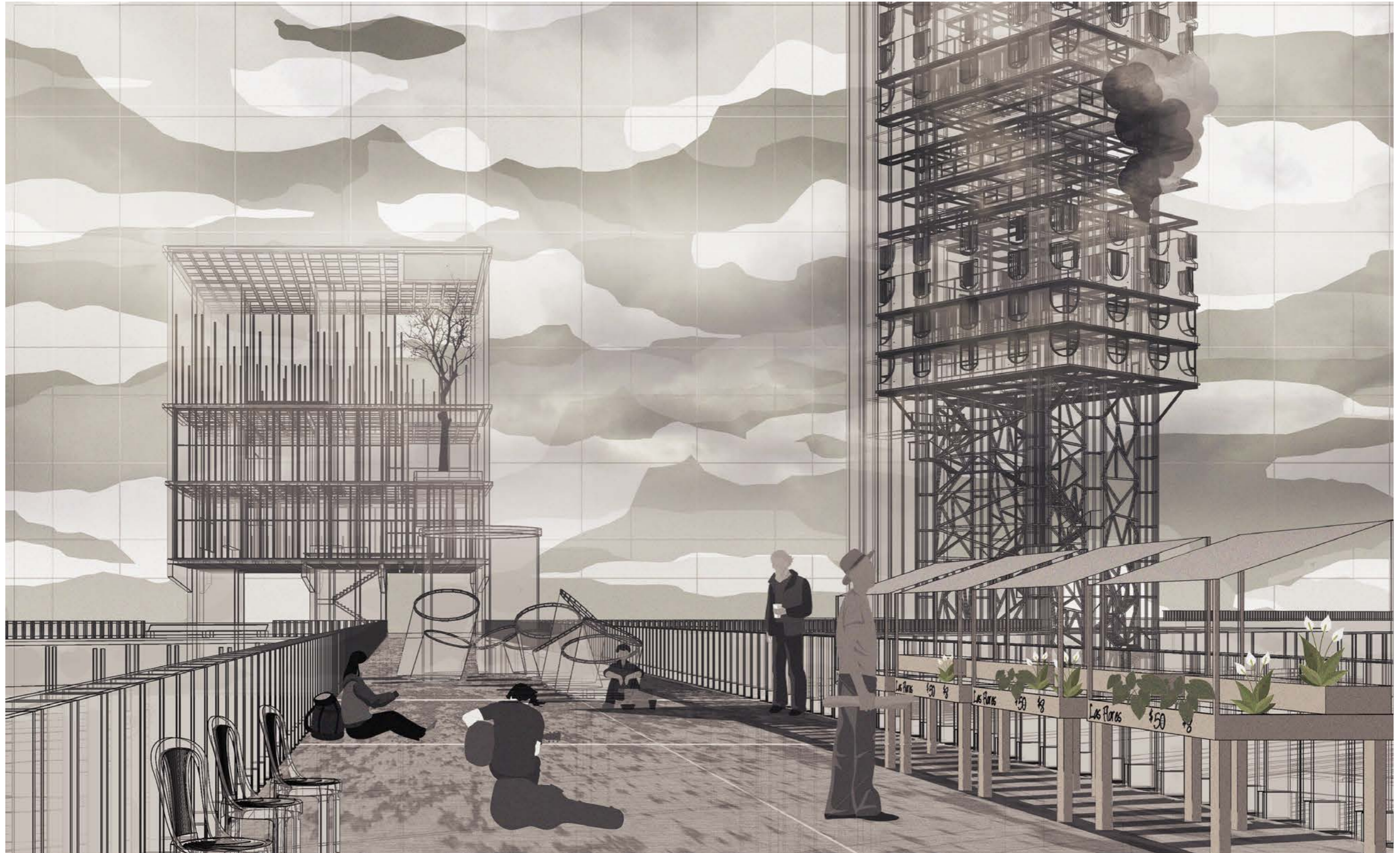


BUILDER'S ACADEMY ELEVATION

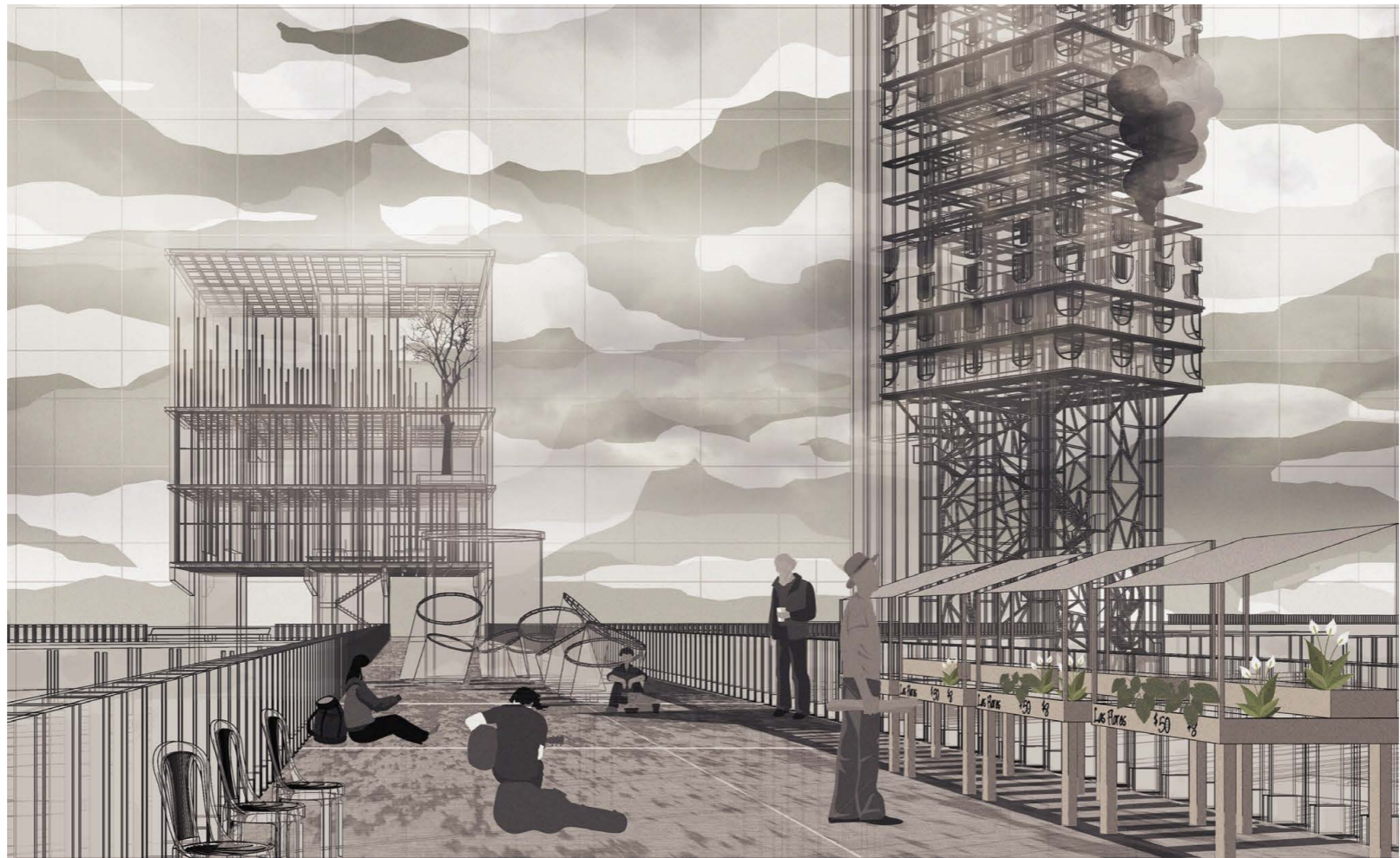
The Upside - Down

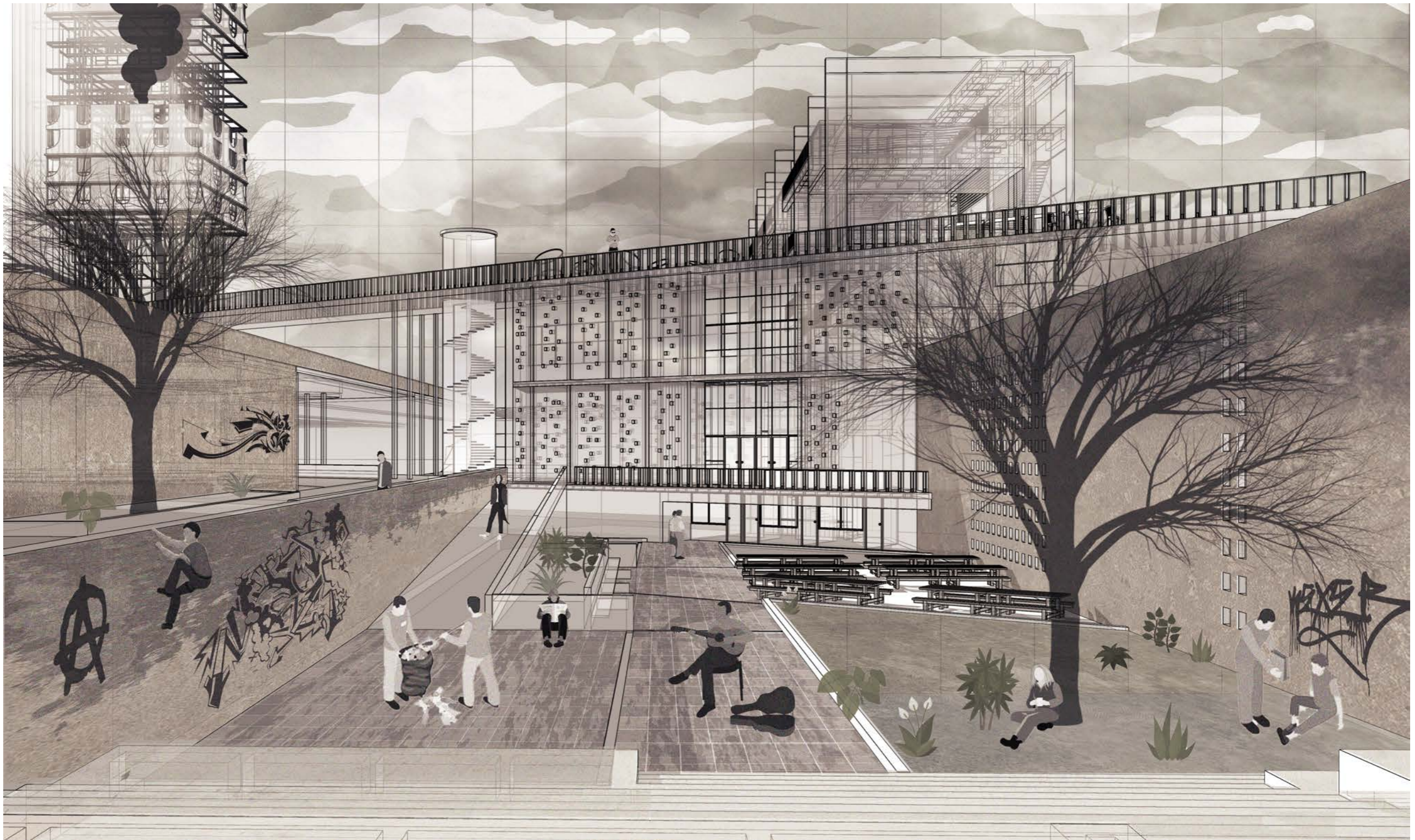
The Upside - Down



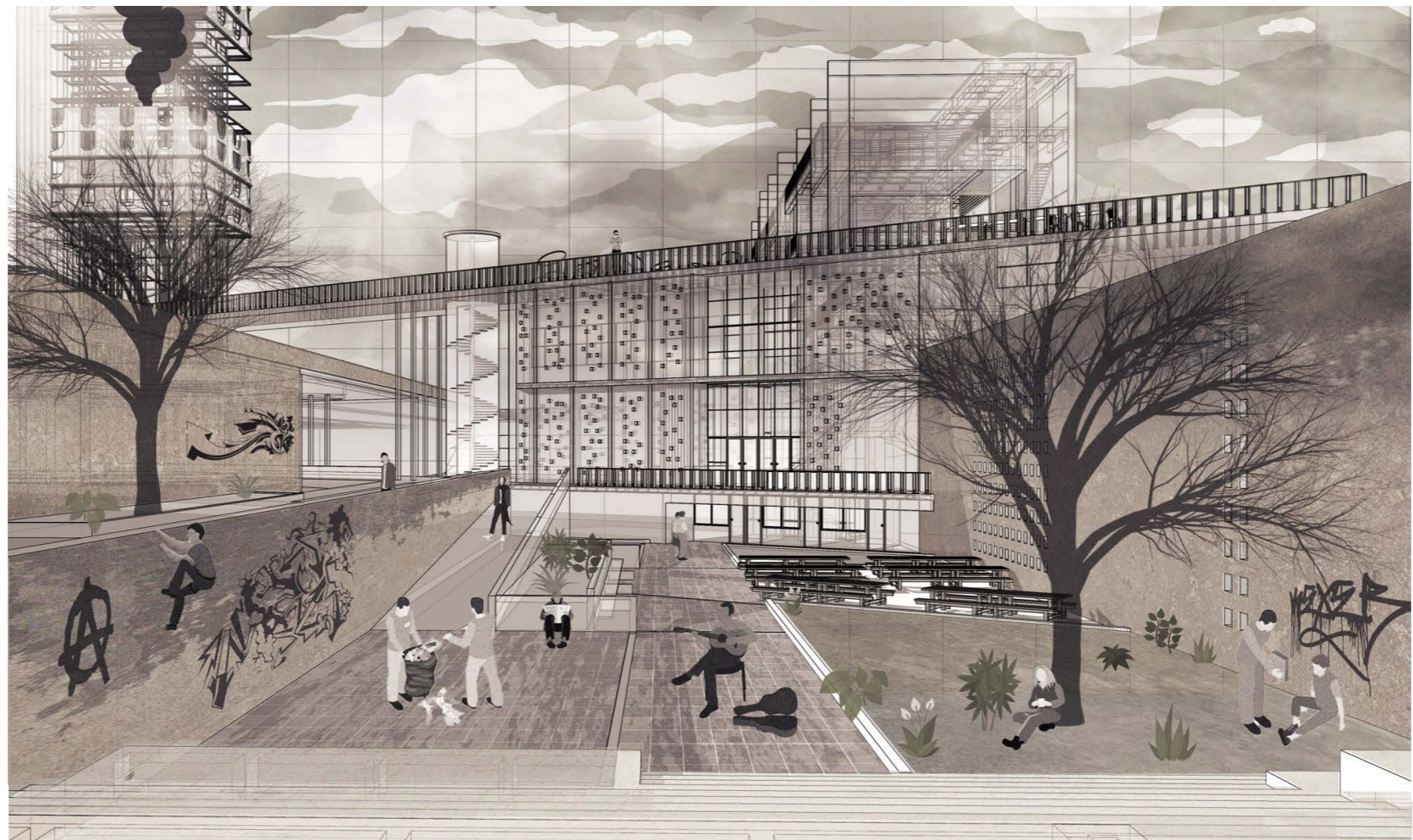


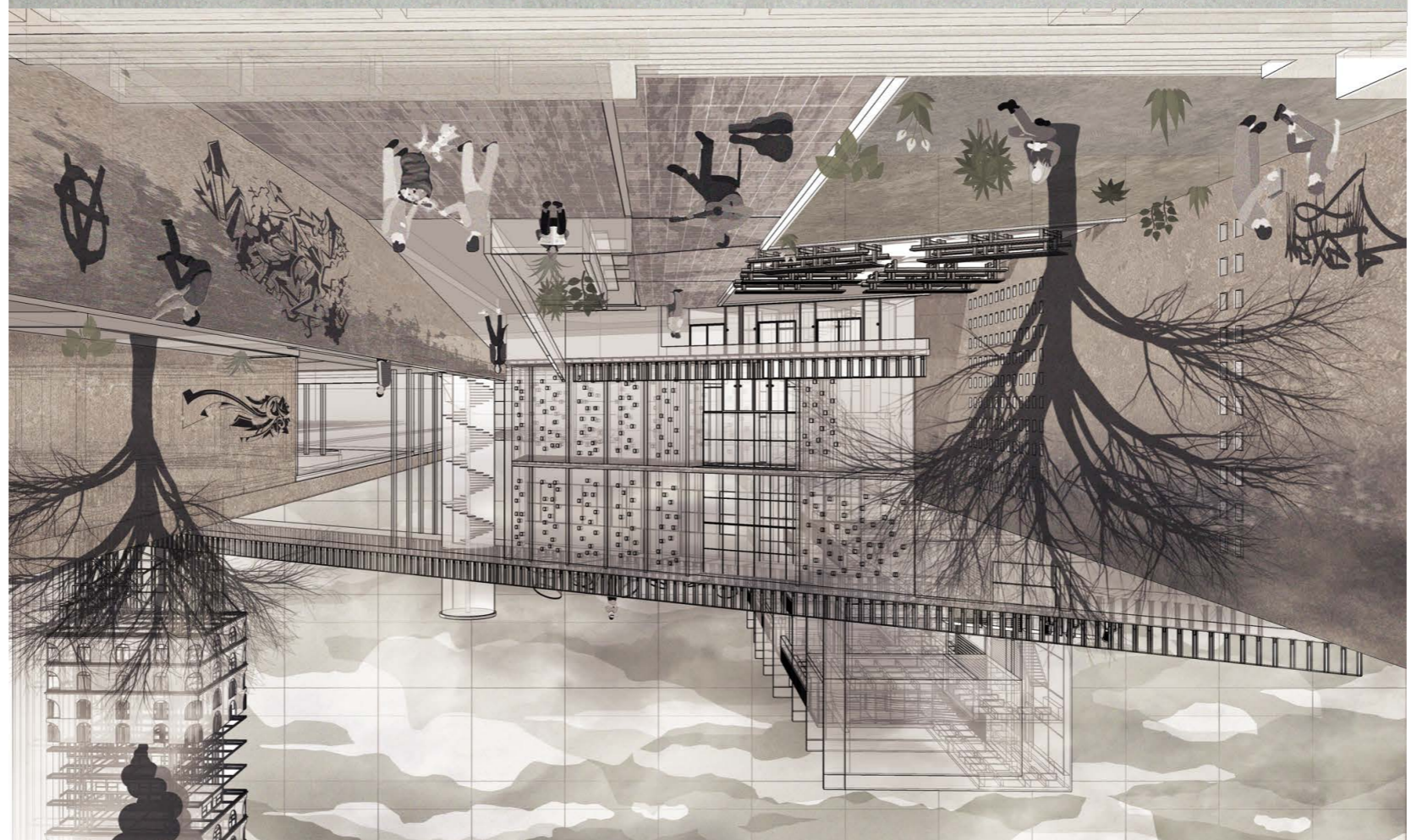


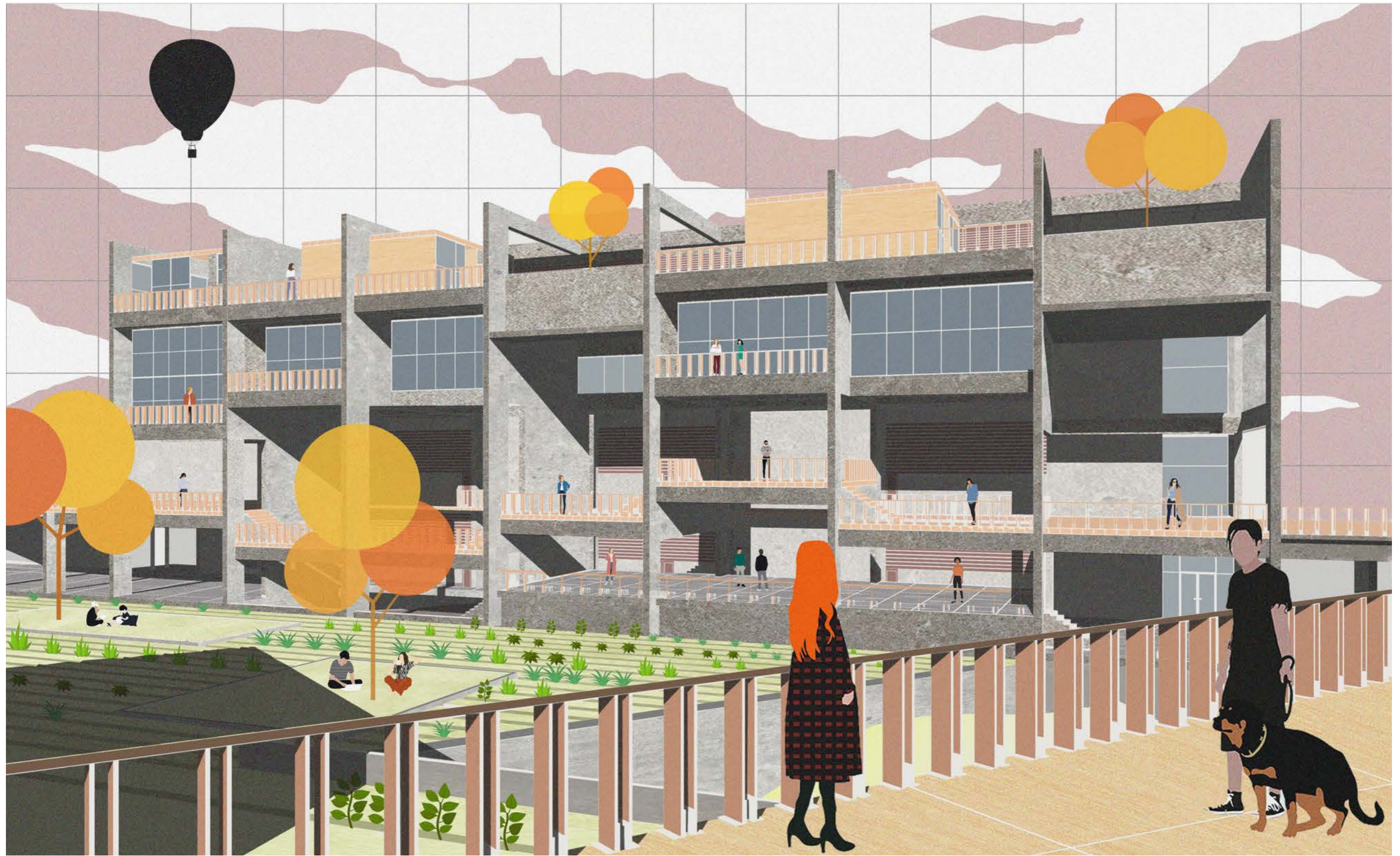






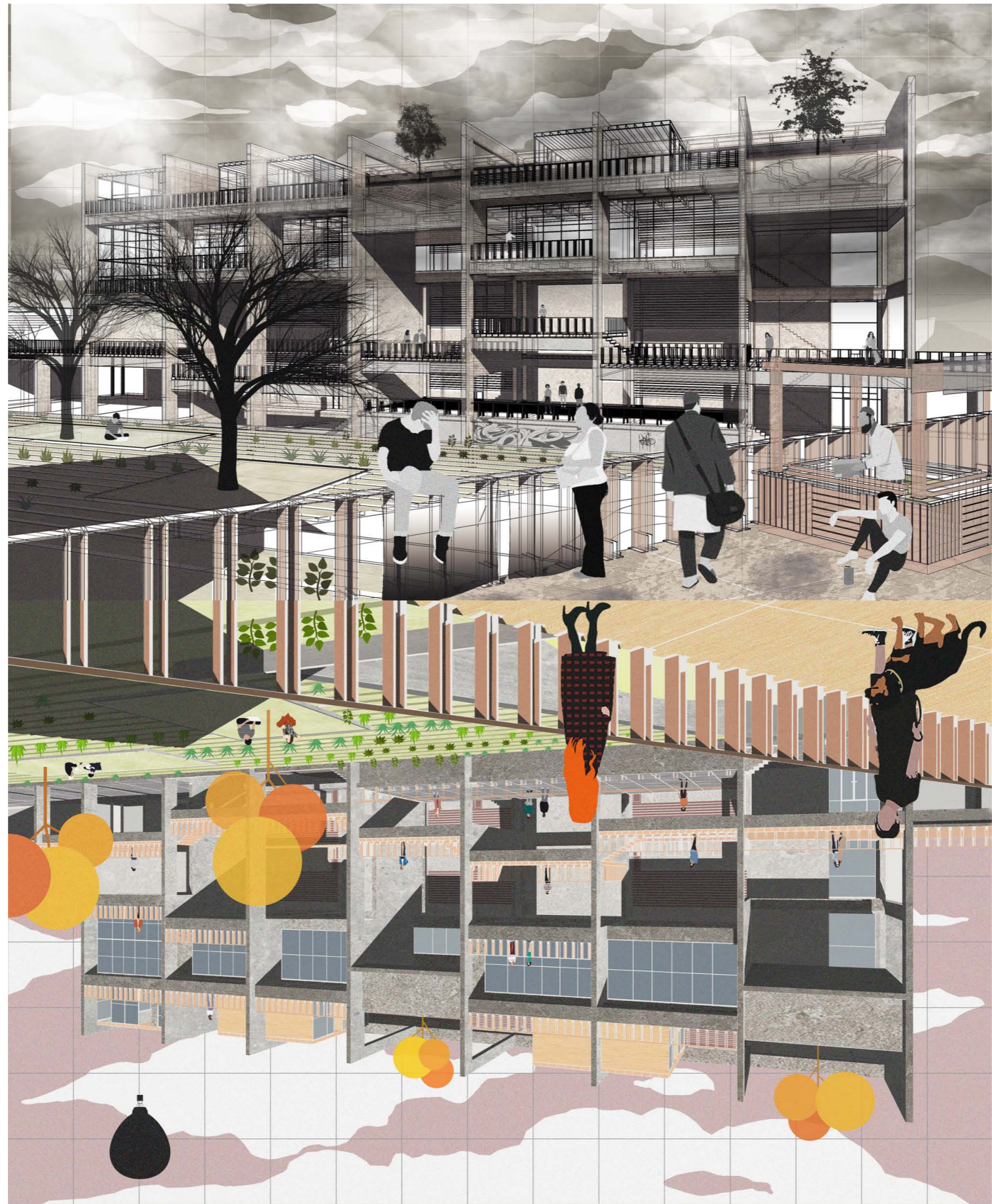


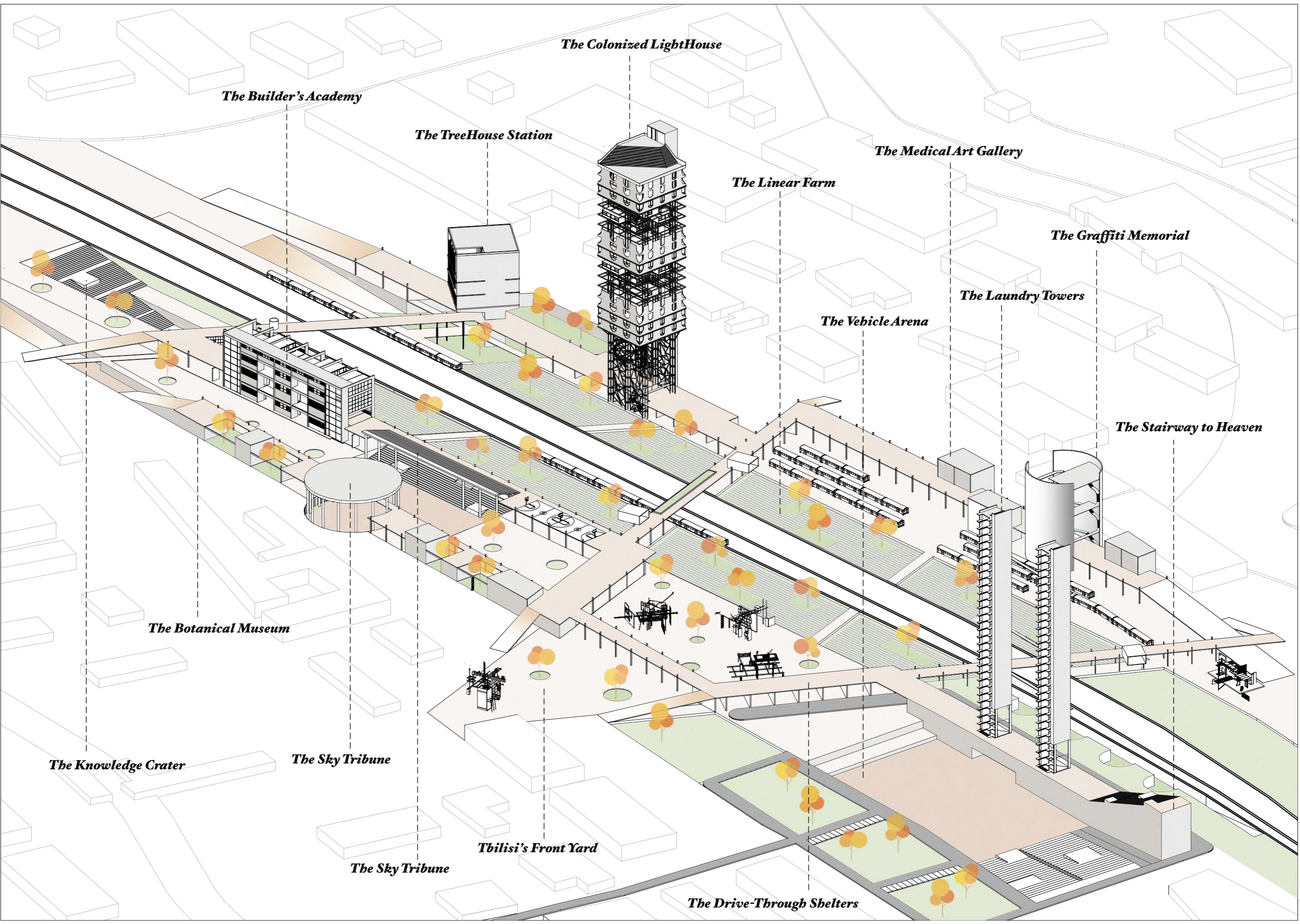












The Colonized LightHouse

The Builder's Academy

The TreeHouse Station

The Medical Art Gallery

The Linear Farm

The Graffiti Memorial

The Laundry Towers

The Vehicle Arena

The Stairway to Heaven

The Botanical Museum

The Knowledge Crater

The Sky Tribune

Tbilisi's Front Yard

The Sky Tribune

The Drive-Through Shelters



THANK YOU