

GSAPP, COLUMBIA FROM 2020 TO 2022



ADVANCED VI

INSTRUCTOR: GARY BATES • 2022.01 - 04

• Program : Rehabilitating Archive for a town and tourism

• Material : Polluted Soil Brick + PTFE

• Structure : Mass Timber + Steel Structure

• Architectural Issue : Adaptive Reuse

· Social Issue: People Leaving from Polluted Land



ADVANCED V

INSTRUCTOR : MARC TSURUMAKI • 2021.09 - 12

• Program : Art Educational Center for Children in Poverty

• Material : Plastics

• Structure : Reused Plastics in Reinforced Concrete

· Architectural Issue : Possibilities of Ambiguous Spatiality

· Social Issue : Children and Artists in Poverty



CORE III

INSTRUCTOR : ERICA GOETZ • 2020.09 - 12

• Program : Collective Housing

• Material : Wood

• Structure : Mass Timber

· Architectural Issue : Natural Cross Ventilation

· Social Issue : People Living in Poor Environments



ADVANCED IV

INSTRUCTOR: ROBERT MARINO • 2021.01 - 04

• Program : Museum & Memorial

Material : Wood

• Structure : Wooden Structure

· Architectural Issue : Actualization of Spirits

· Social Issue: Memorial for the Culture-torn

ADAPTIBLE ARCHIVE: ACTIVISM TOWARD LAND

Adaptive reuse of existing structures related to the history of site to bring tourism

Individual • Instructor: Gary Bates • Period: Advanced Studio VI (4rd semester) - 2022.01 ~ 04

Program: Tourism • Site: Fort Bragg, California, United States

The first goal of the project was to build an Art organization center for artists who have been in trouble with job and money. From the goal, I thought that it will be definitely meaningful to bring an spatial inspiration from an artist or art which might have methodologies and ideas that can be used for Architecture. Gabriel Orozco was the artist I chose and his understanding of trees with diverse sized-circles gave me an inspiration of how to create this center of Art organization.

Then while researching to pick a site for the center and thinking about how the center can play a better role in people also having hard time during and after Covid-19. I found an article explaining that art education for kids had got worse because of poverty and uncertified teachers in South Bronx and also it showed the benefits of appropriate art education for kids. This is the reason why the site in the poorest part of South Bronx was chosen. The key word, ambiguity came from both the goals and definitions of Art and education to create educational spaces for kids to have better experiences, even while they are not taking classes.

Lastly, recycling of construction material from demolition is one of the hottest topic among artists to warn society and the government. Therefore the ways to reuse abandoned plastics were used for the construction, which also helps solve a problem of pollution in South Bronx and the thing is that plastics remind of playful things and kids which is also parellel to the program.

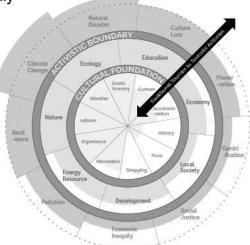


VIRTUAL TOURS IN SMALL, INCONSISTENT, AND FRAGILE AREAS

A specific kind of activism closely has ben involved in tourism. When people were traveling to other countries seeing the only surfaces of cultural geography, the activistic people started thinking of being with the local people lik eeathing and wearing like them. Then nature and environmental tourism appeared to see one more layer in each culture. These days, tourism started considering to revive destroyed culture and to rehabilitate the local community.

More Responsibility, Less Transportation Time, More Information





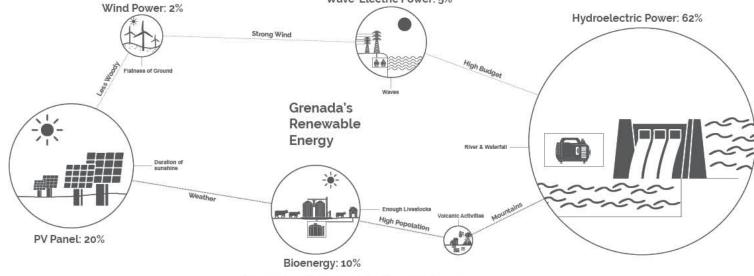
Doughnut Diagram

Cultural Foundation

It indicates the basic elements that consist of each country or touristic place

Activistic Boundary

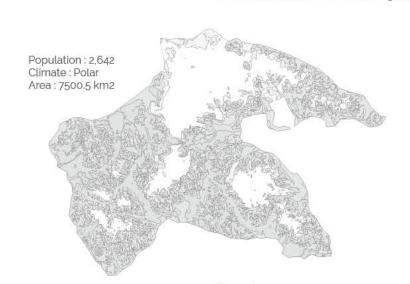
This shows what kind of activistic issues will proceed because of tourism and how both the local community and tourists can handle

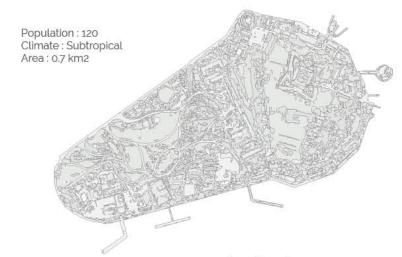


Wave-Electric Power: 5%

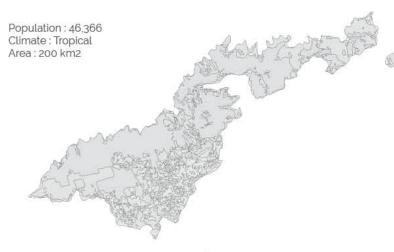
Granada - Renewable Energy Source

Because of limited land, population, and sources, small and fragile areas become dependent on one or two renewable energy sources which is different with the global renewable energy production chart.





Population: 112,519 Climate: Tropical Area: 348.5 km2



TOUR1, Svalbard

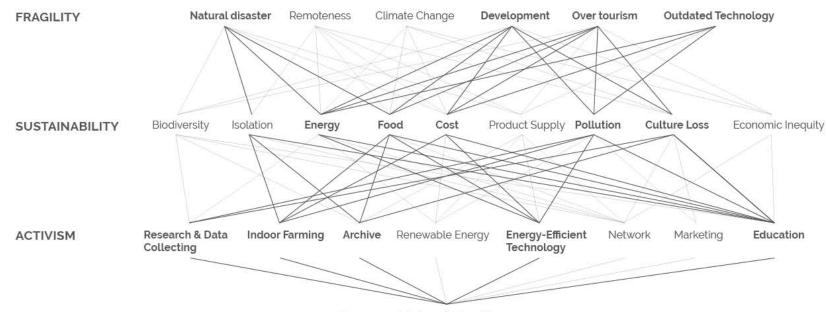
TOUR2, Governor's Island

TOUR3. Grenada

Cultural Geography

TOUR4. American Samoa

Renewable Energy



Svalbard - Activism in Cultural Geography

Each element of the cultural geography is possible to become activism



Tourism has been taking land from small communities and destroying by colonizing cultural and economical assets on the small areas. To stop this, tourism has to be with the local community.

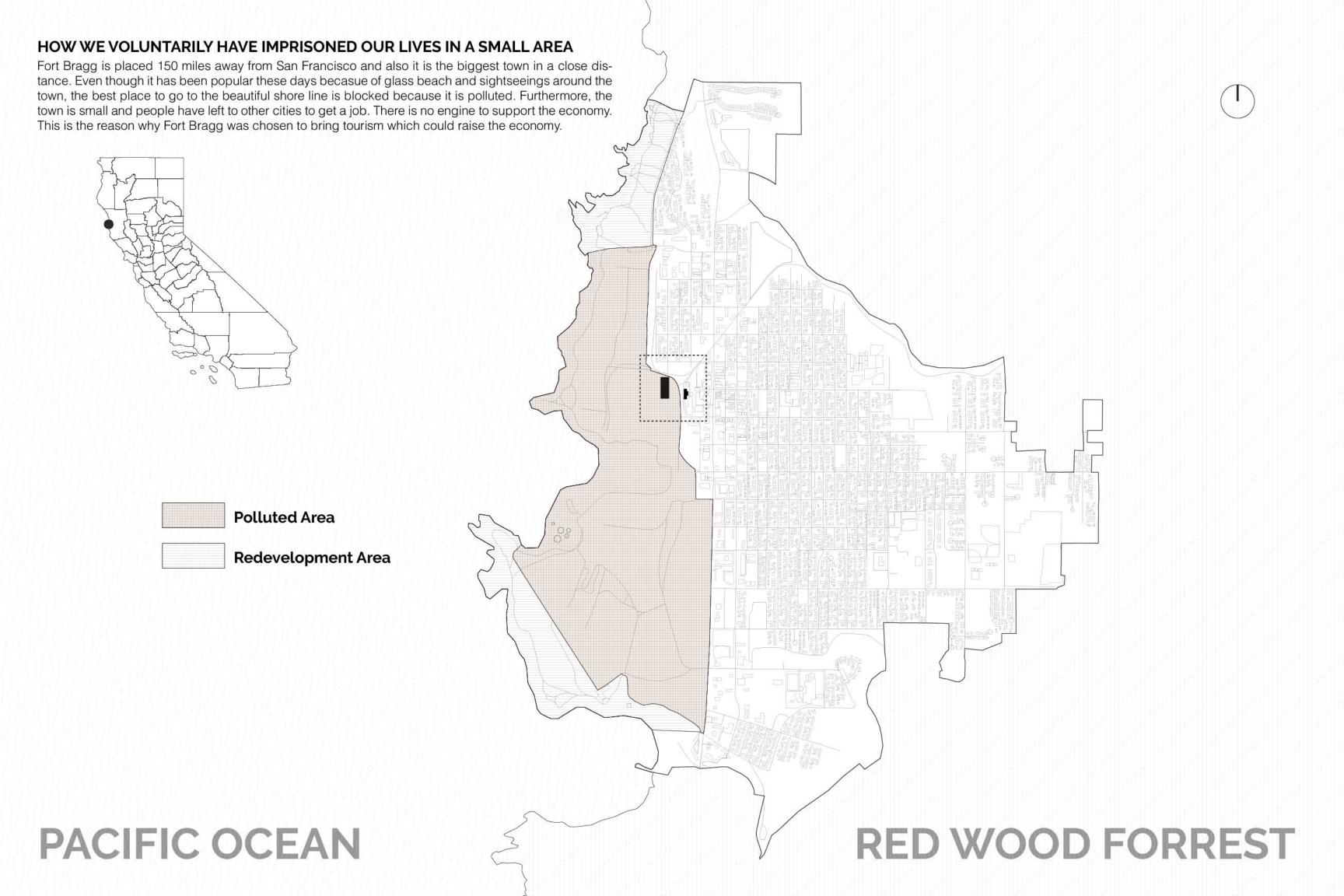
Governor's Island - Archive

When tourism appears on an island, it exposes specific fragilities. To cover and make the island sustainable, specific programs also need to support the area.

LAND, EARTH, AND SOIL FROM THE KINNE TRIP

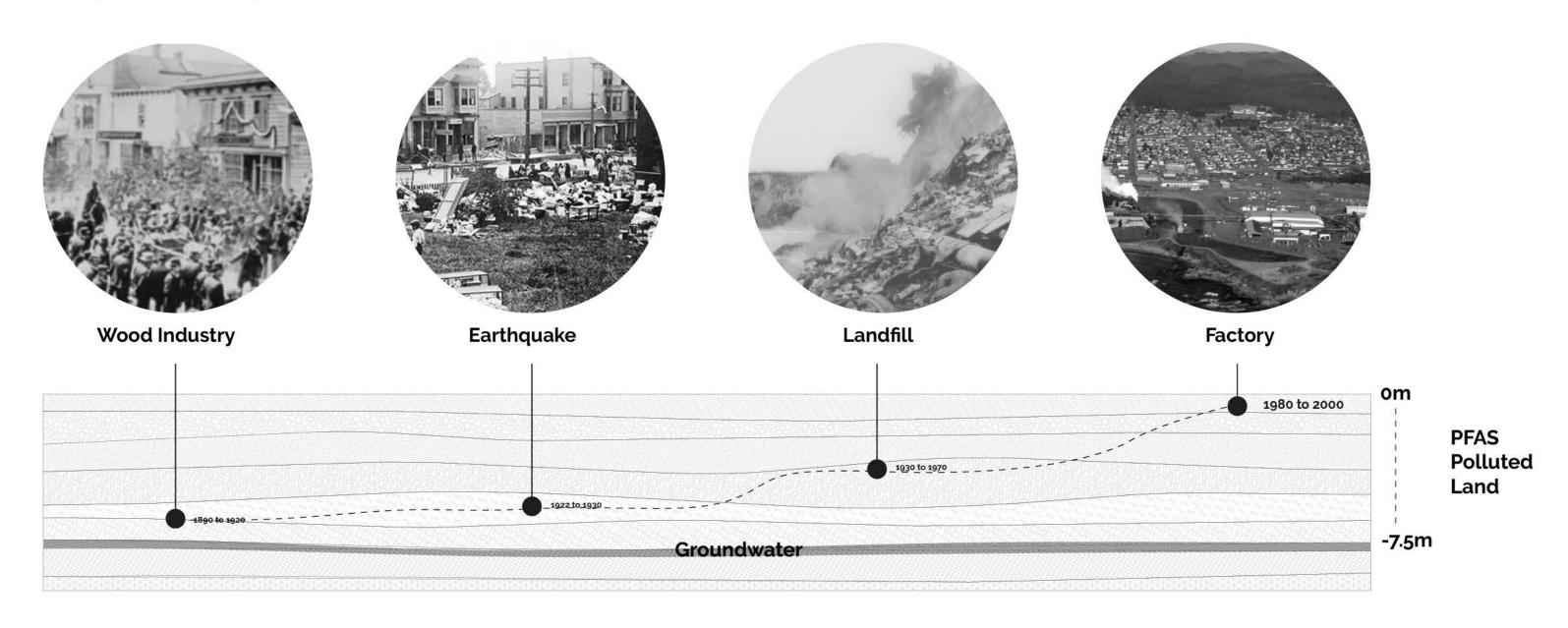
During the Kinne trip, I was focusing on soil, land, and earth and how those could give different images, messages, and feeling to us depending on the conditions of surfaces. Furthermore, the layers below surfaces were interesting in terms of its inclusions of the past on top of each other. What we do on land will remain as layers.

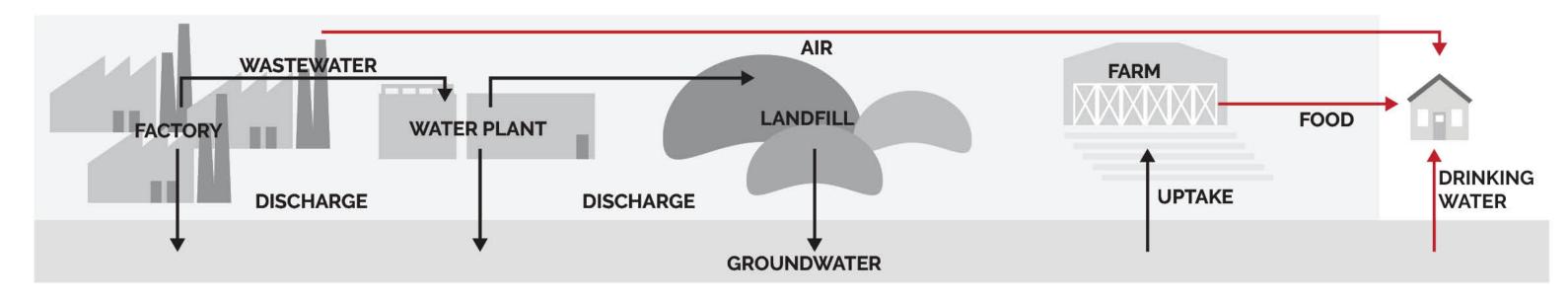




HISTORY OF THE SITE, HISTORY OF THE POLLUTION

PFAS is called a forever chemical that cannot be removed by chemical and biological process and it directly goes to people causing a lot of diseases.





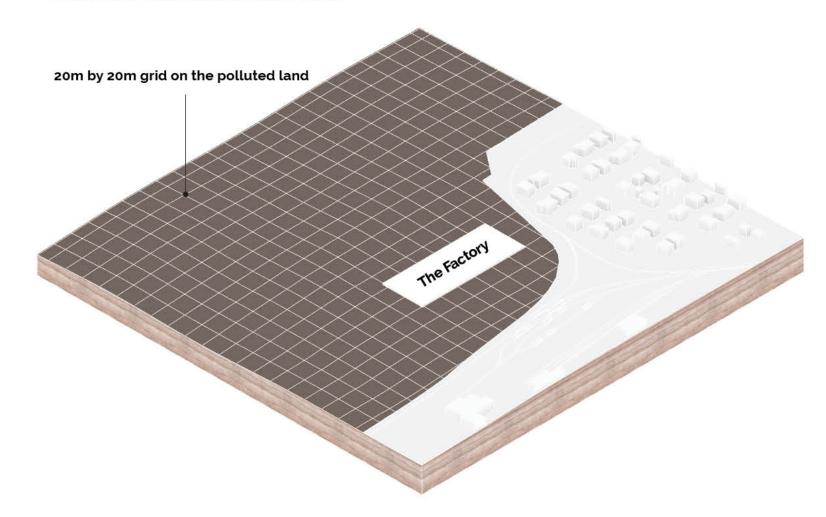


Direct Removal of Polluted Soil By Making Bricks

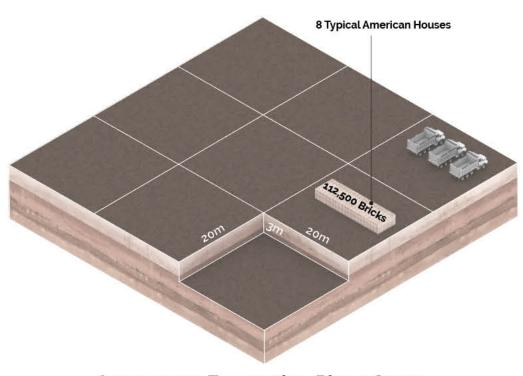
One technique was invented to use the polluted soil by making bricks since PFAS cannot be removed from the soi. Therefore the direct removal could be the best way to recover the land. The starting process is to draw a 20 by 20m grid system on the land which is optimal to excavate and to make bricks in one unit of factory.



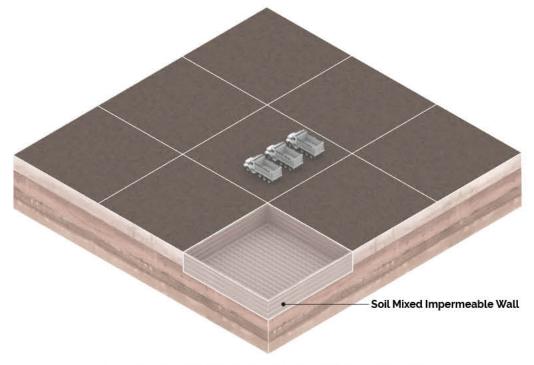
LONG-TERM EXCAVATION PLAN



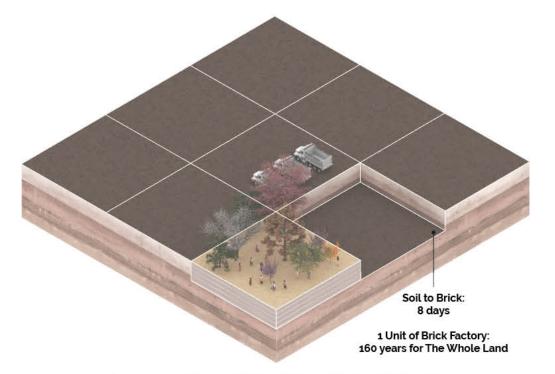
A 20m by 20m grid system on the land



Long-term Excavation Plna: Step1
Each plot will be excavated with 3m depth. From each plot, bricks will be made as much as 8 typical American houses. It takes 8 to 10 days in one unit factory from excavation to creation of bricks.



Long-term Excavation Plna: Step2
After that, PFAS still can move both vertically and horizontally. The way to block the chemical is to install soil mixed walls and foundation which can be absorbed to the land in a couple of decades.

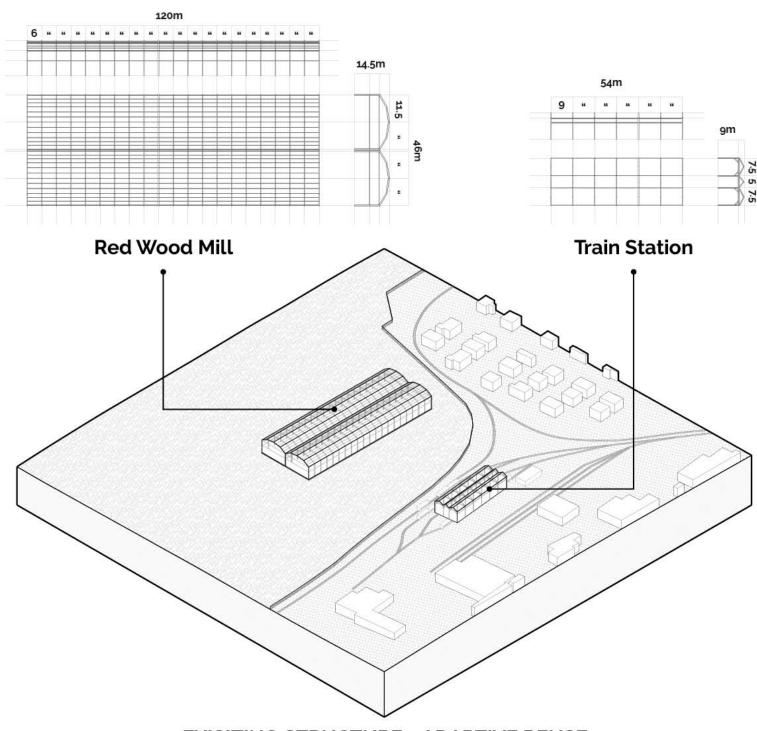


Long-term Excavation Plna: Step3
From my calculations, one unit of brick factory takes 160 years to cover the whole land which means 10 units will take 16 years.



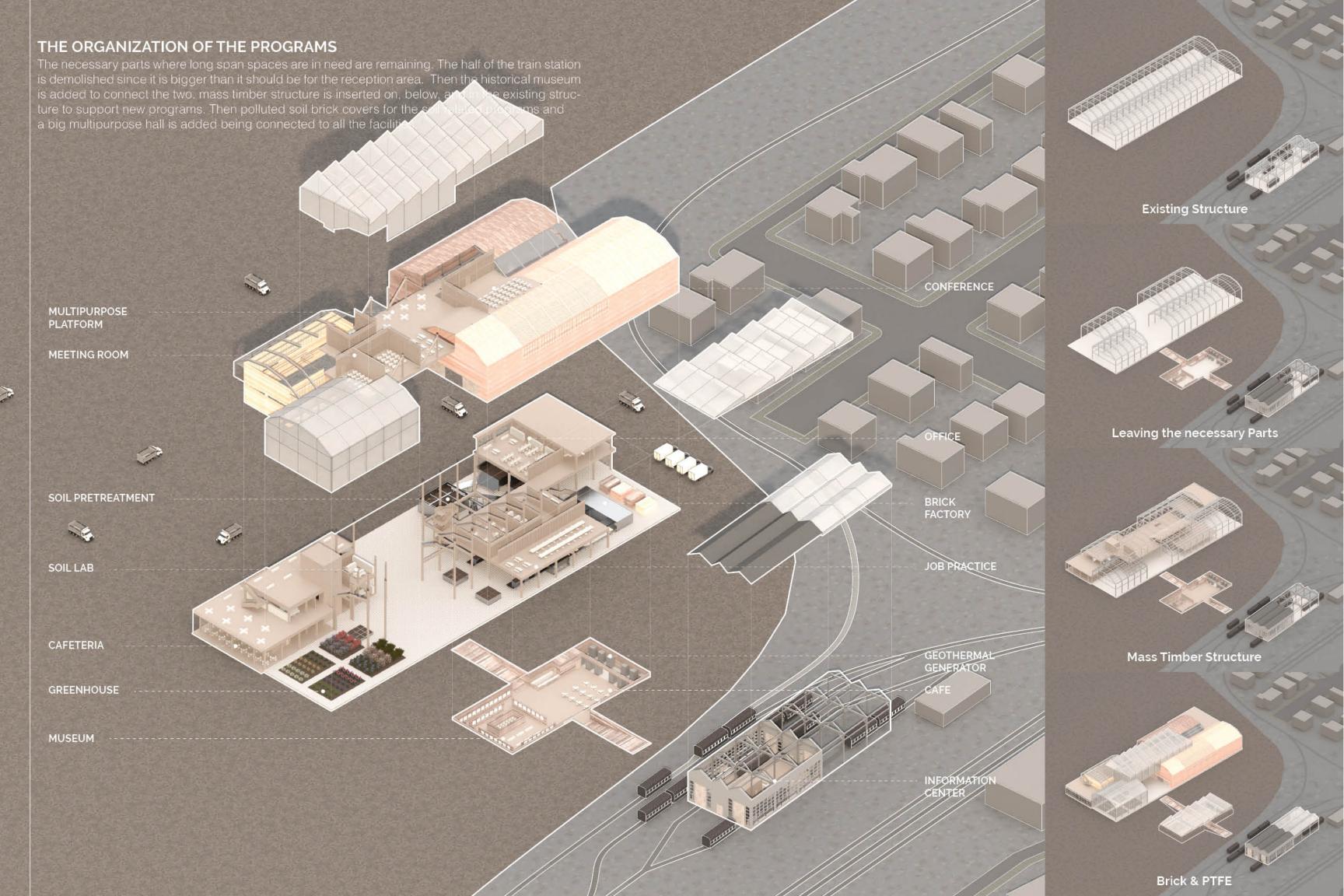
THE RESULT

It was interesting to see how humans have voluntarily imprisoned their lived in a specific areas by polluting, manipulating, and exploiting their land. The fenced area above is showing the result of our behaviors.



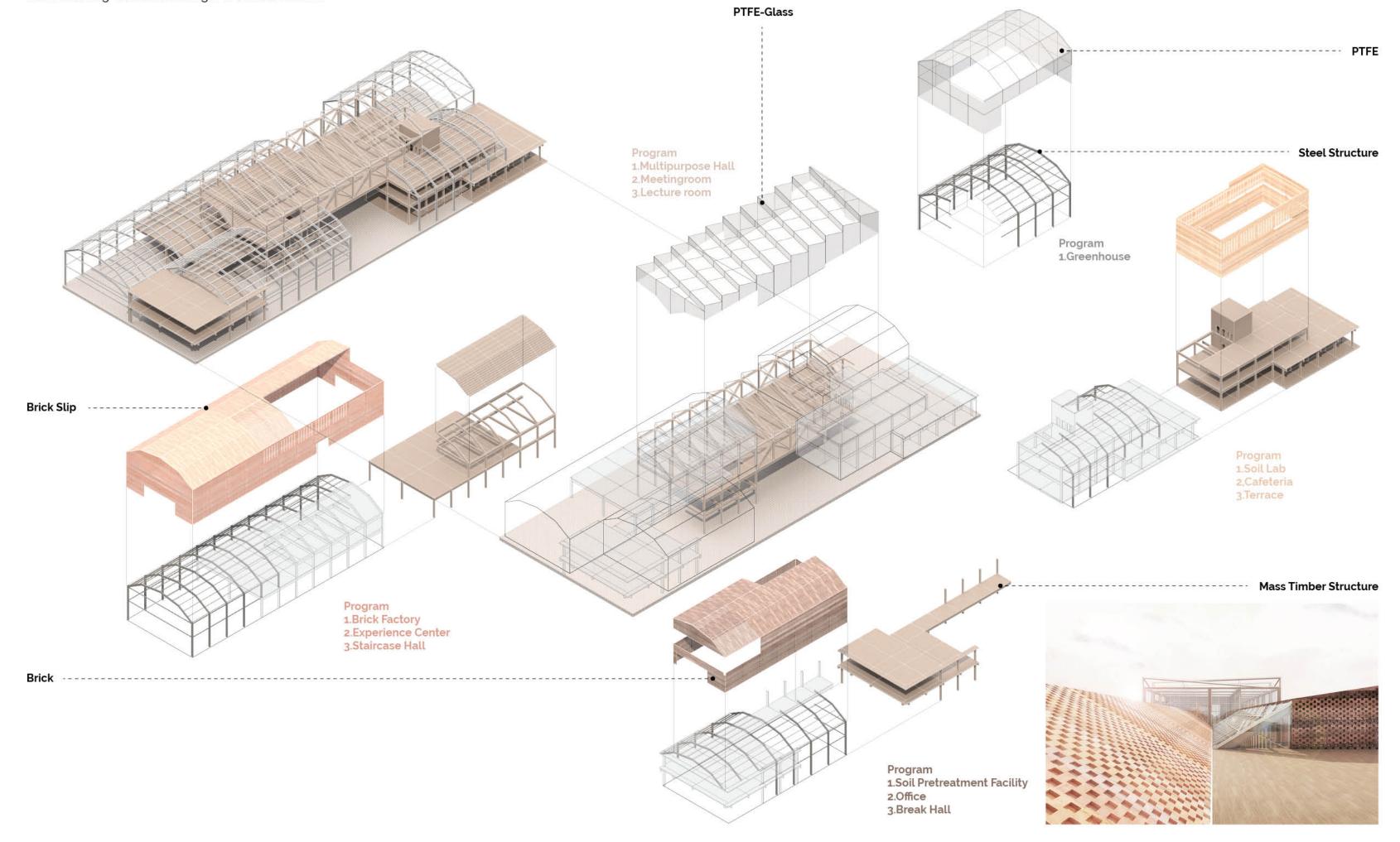
EXISITING STRUCTURE: ADAPTIVE REUSE

There are two existing structures in Fort Bragg. One is the last red wood mill in the polluted area and the other one is train station. Those are placed in a fascinating position where fence is passing between the two buildings.

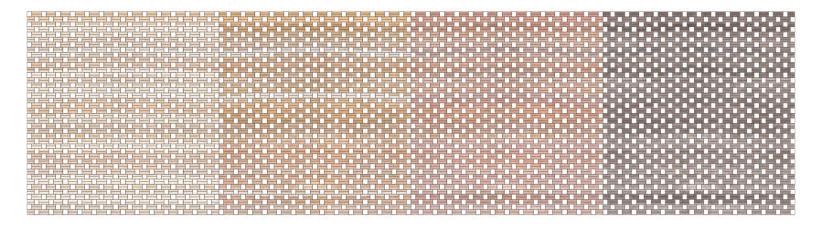


HOW DIFFERENT MATERIALS MEET DEPENDING ON PROGRAMS

Depending on how different materials meet together and what types of programs are organized, each massing has different logic to be assembled.

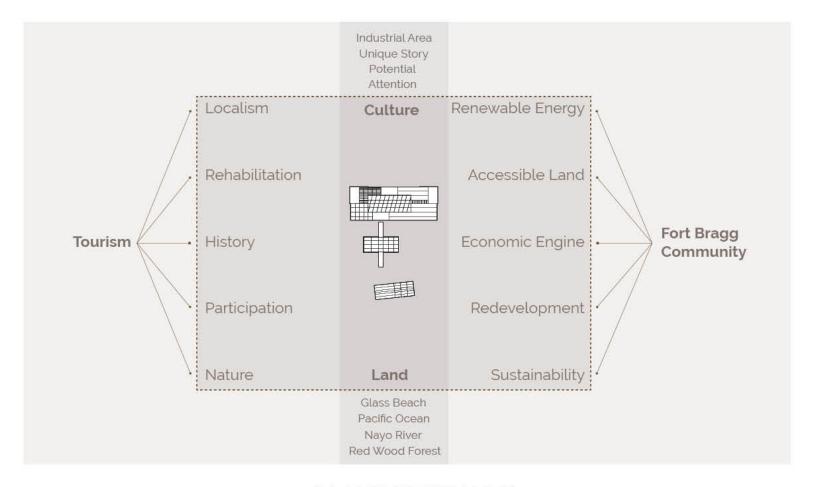






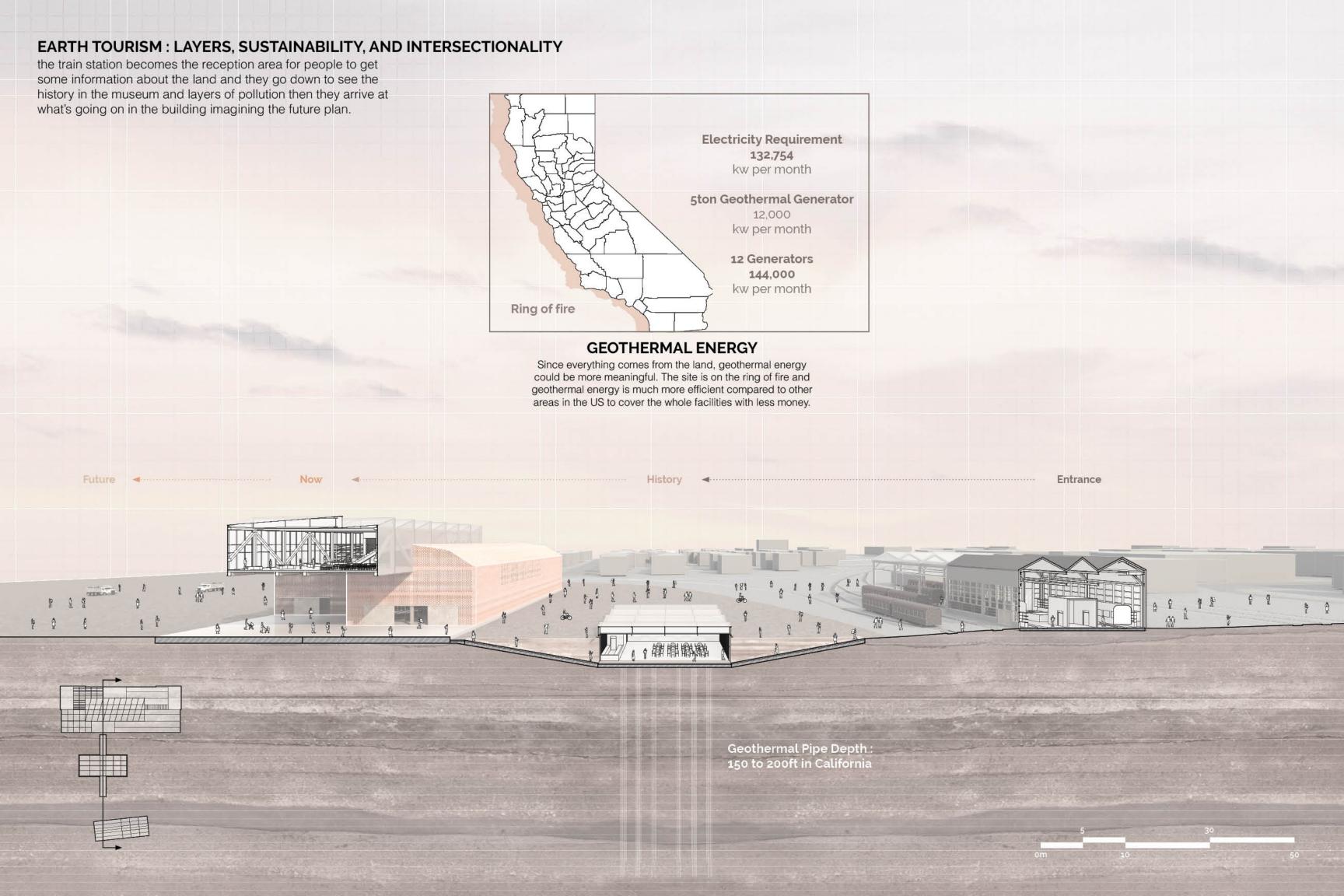
LAYERS: Rammed-Brick Stack

It may makes sense to stack bricks while making layers to show what they are doing and to show the brick is coming from the land and the layers below the surface.



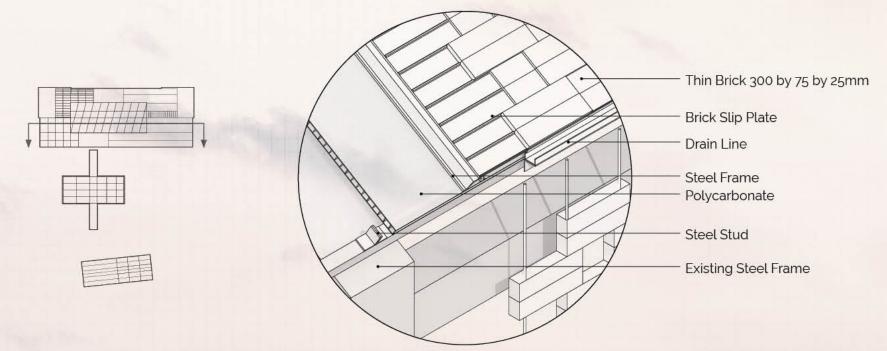
INTERSECTIONALITY

Tourism needs to have touristic programs to bring people. The local community needs programs to recover the local community's culture, history, and economy. On the platform, those can be connected.

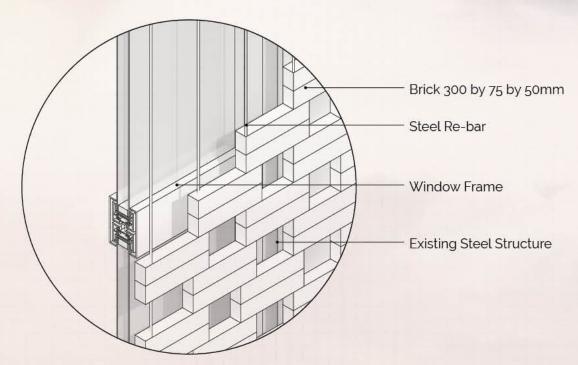




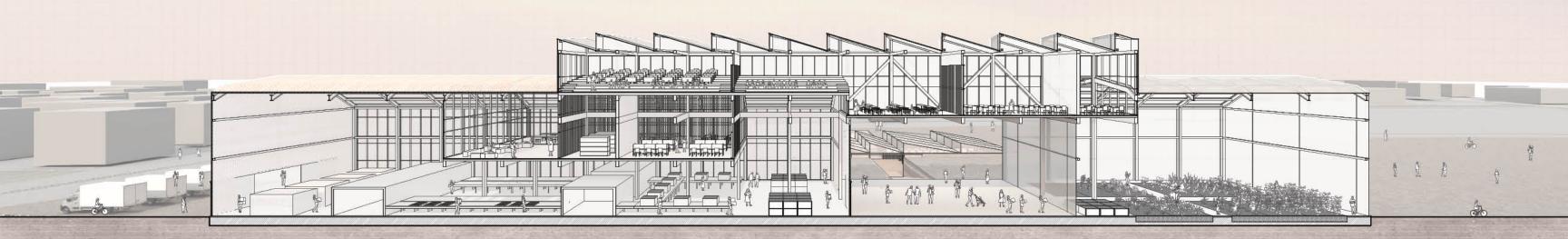
SECTION AND DETAIL



DETAIL 1: Brick Slip + Steel Structure

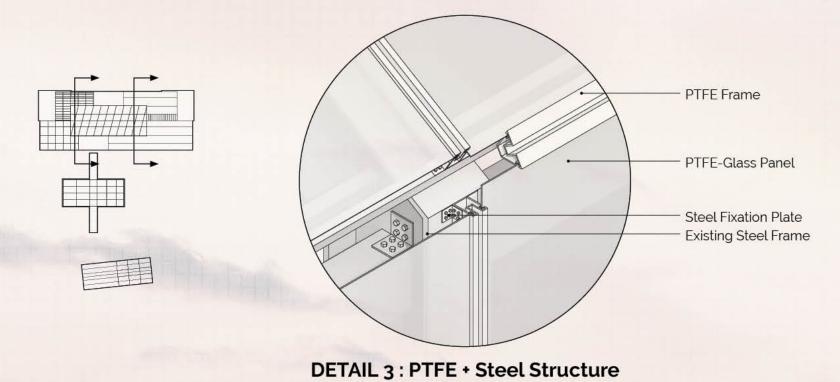


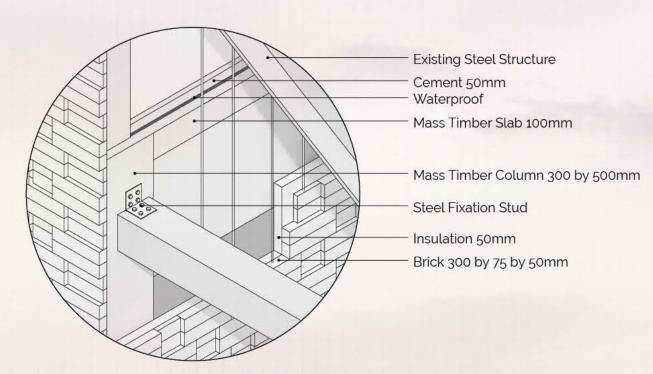
DETAIL 2: Brick + Steel Structure



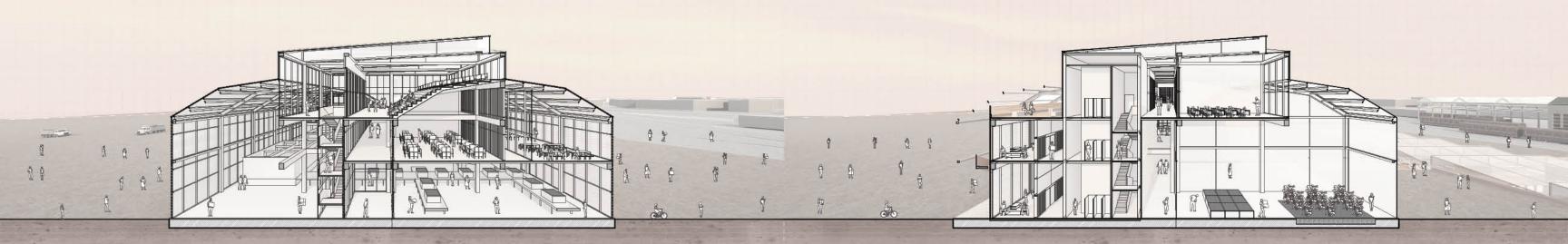
LONGITUDINAL SECTION

The multipurpose hall is visually and physically connected to each facility to show what's going on.

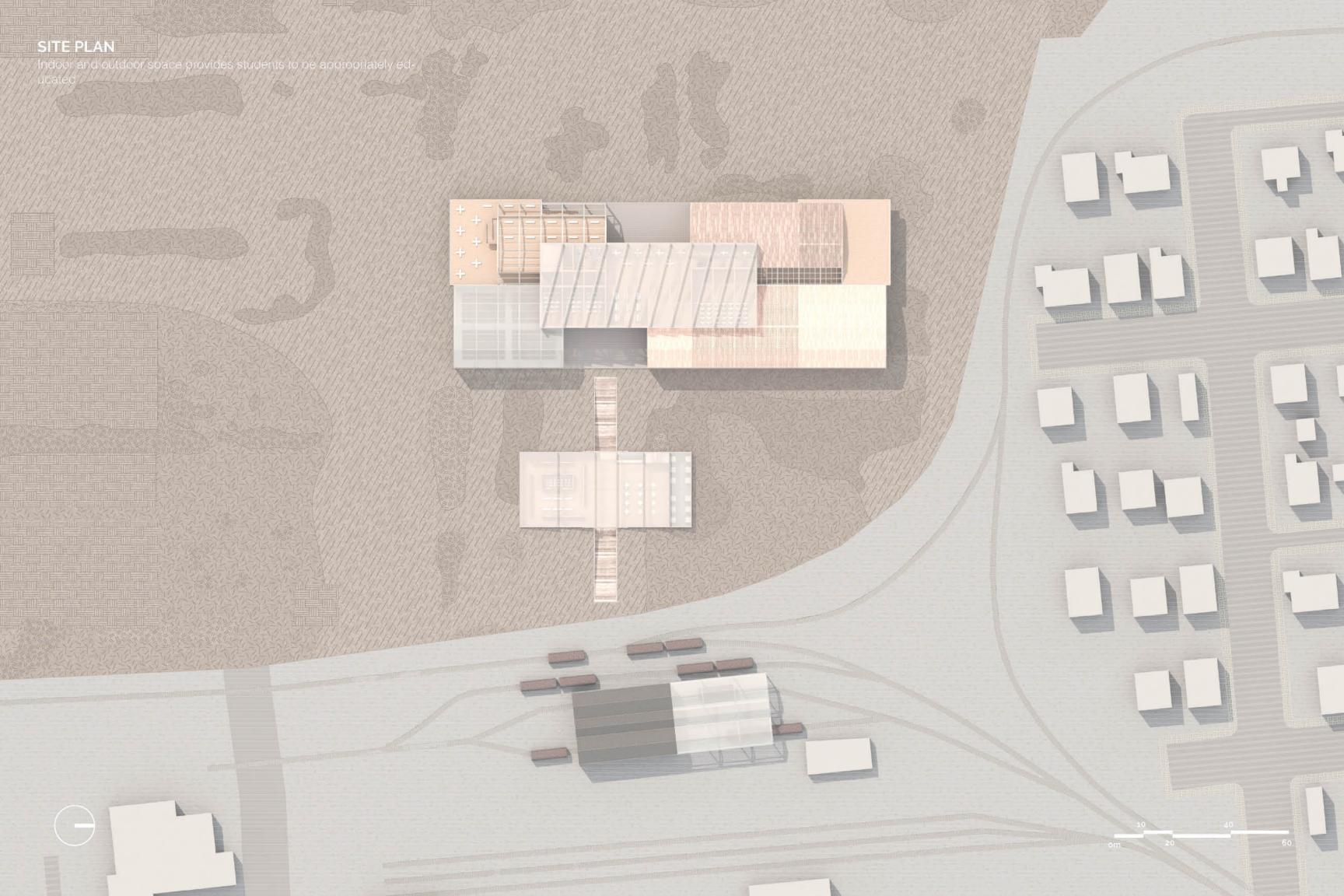


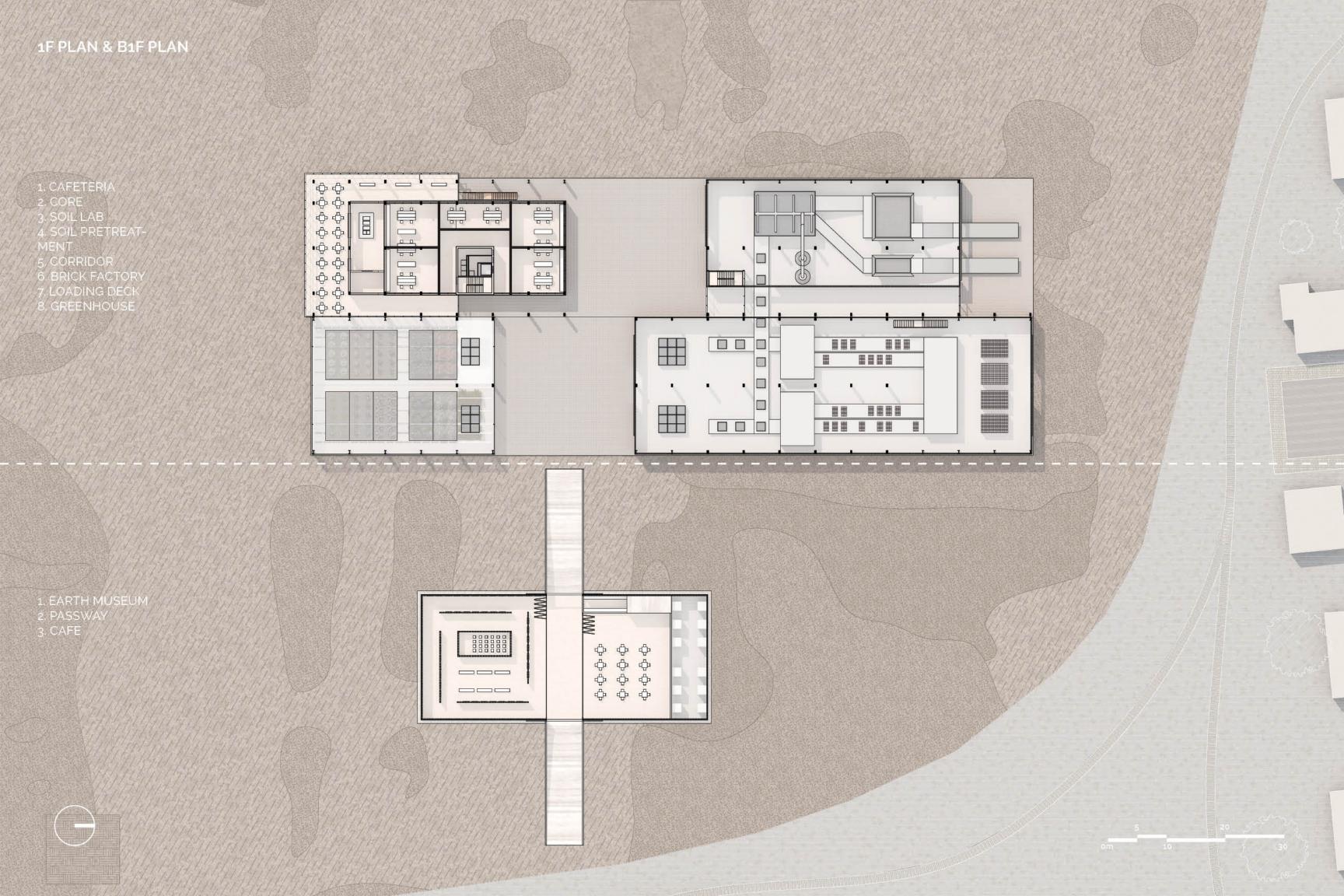


DETAIL 4: Mass Timber + Steel Structure



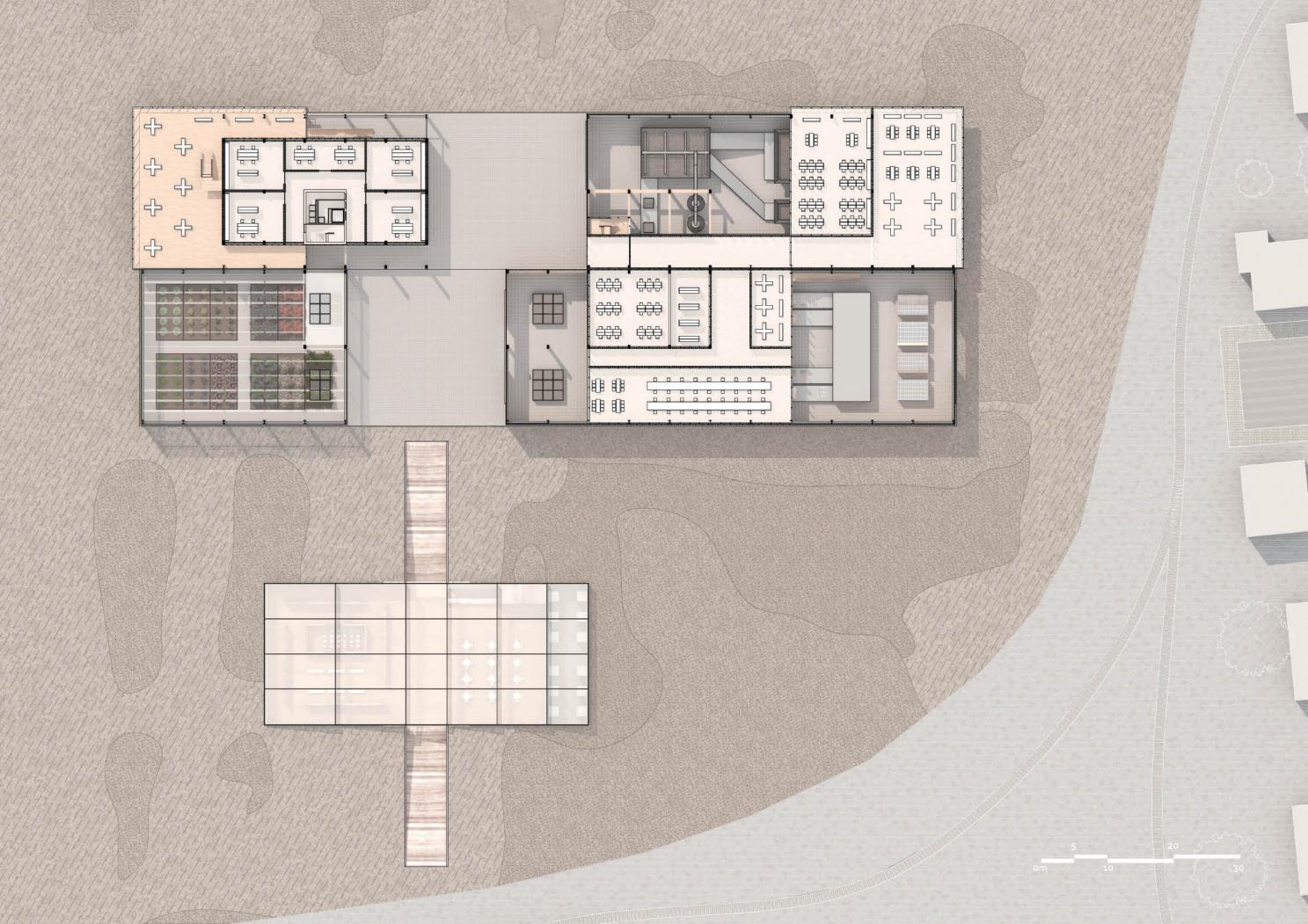
CROSS SECTIONS

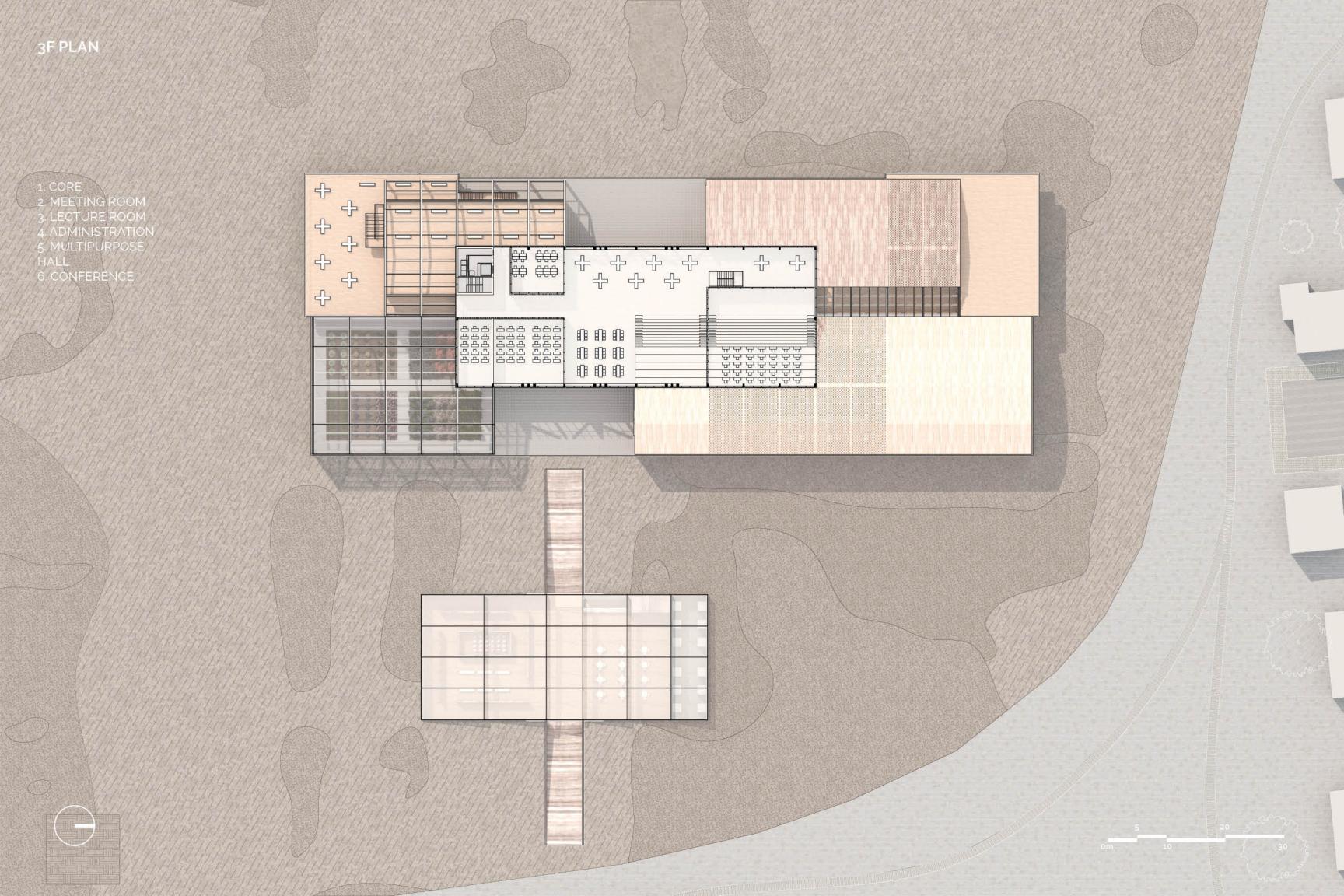




- 1. TERRACE

- 2. CORE
 3. SOIL TEST FACILITY
 4. OFFICE
 5. BREAK ROOM
 6. CORRIDOR
 7 EXPERIENCE CEN-
- TER 8, EDUCATION, THE-ATER















1:1200(1/100") Physical Model





SPATIAL TRANSITION OF AMBIGUITY

Exploring on ambiguous architectural spaces for artists and kids in poverty

Individual • Instructor : Marc Tsurumaki • Period : Advanced Studio V (3rd semester) - 2021.09 ~ 12

Program: Art Education Center • Site: South Bronx, New York, United States

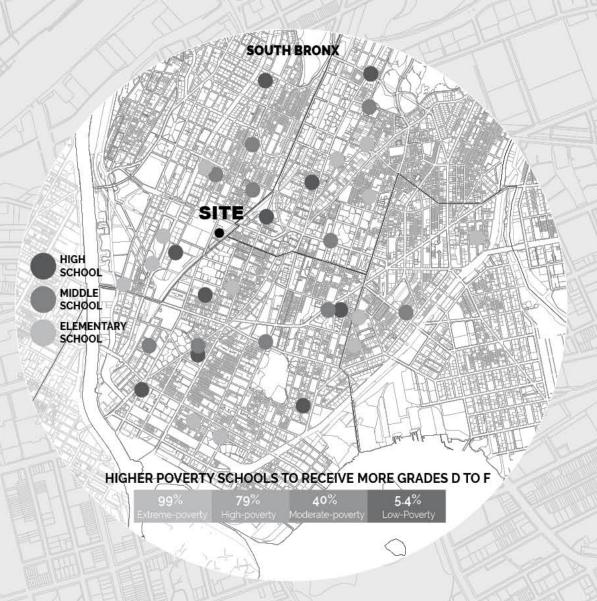
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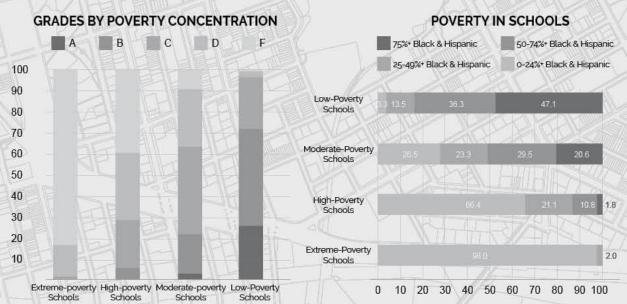
Then while researching to pick a site for the center and thinking about how the center can play a better role in people also having hard time during and after Covid-19. I found an article explaining that art education for kids had got worse because of poverty and uncertified teachers in South Bronx and also it showed the benefits

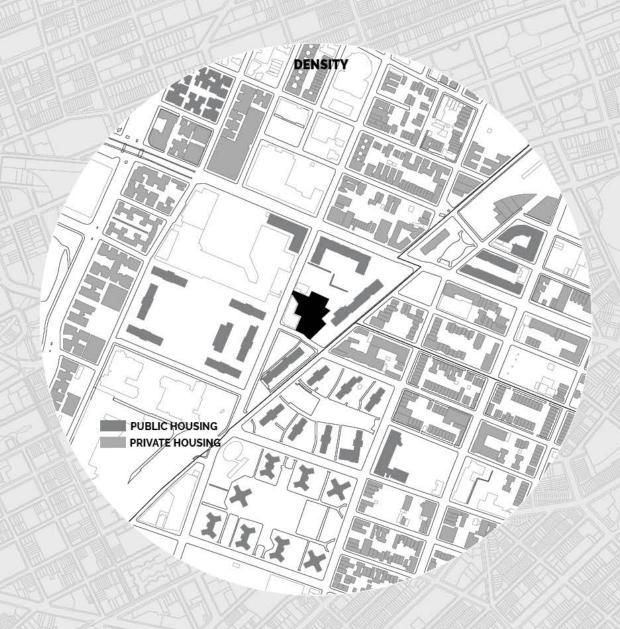
of appropriate art education for kids. This is the reason why the site in the poorest part of South Bronx was chosen. The key word, ambiguity came from both the goals and definitions of Art and education to create educational spaces for kids to have better experiences, even while they are not taking classes. Lastly, recycling of construction material from demolition is one of the hottest topic among artists to warn society and the government. Therefore the ways to reuse abandoned plastics were used for the construction, which also helps solve a problem of pollution in South Bronx and the thing is that plastics remind of playful things and kids which is also parellel to the program. E HIH -HIH H 1 11111 1 T 11111 1 11 11

SITE FOCUSING ON DENSITY OF SCHOOL AND POVERTY

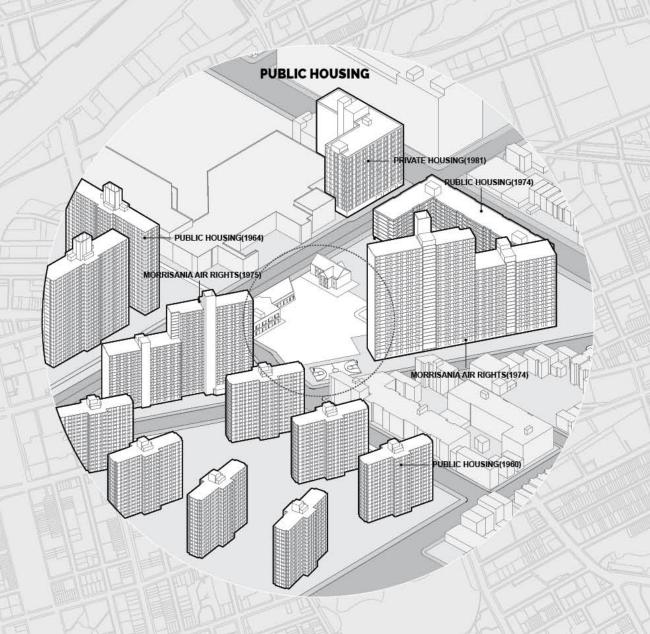
T Even though there are a lot of art organizations that are helping artists, there are only a few centers closely related to the local areas. Based on this point, I found many researches and theses showing art education's benefits and needs for kids under 18 as well as lack of attentions to art subjects in schools, although many sources are saying that kids in poverty especially need art education in terms of relieving their stress and improving the skills to express themselves which help students raise their abilities in other subjects.

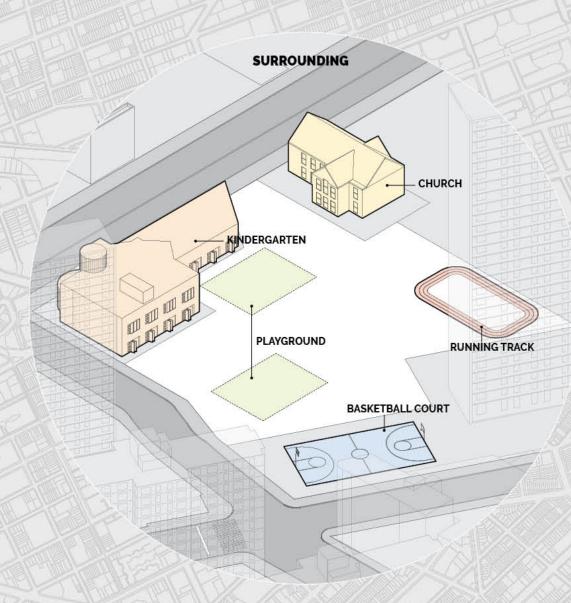






27% Single Parent	29.2% Children in Poverty	31% Percentage under 18	
1.4 Mile	5,689	84%	
Closest School Distance	Population	Minority Race	





ART SUBJECTS





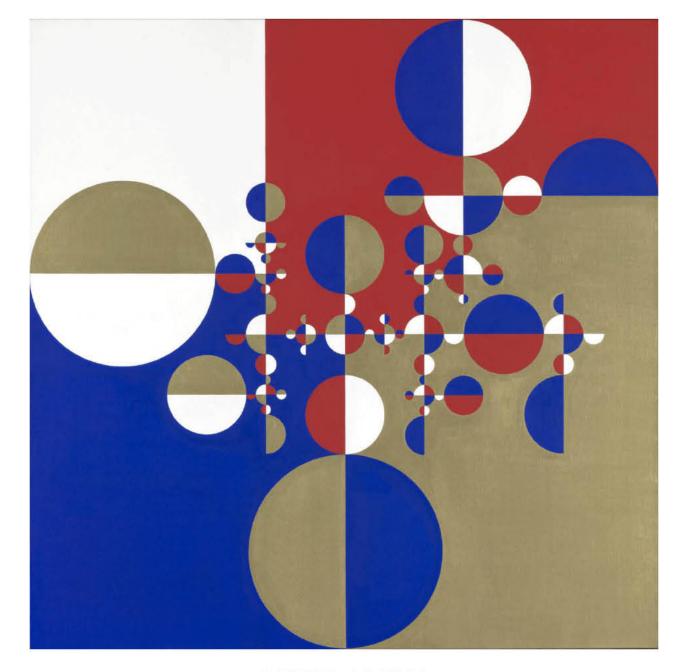




MUSIC THEATER

DANCE

VISUAL ART



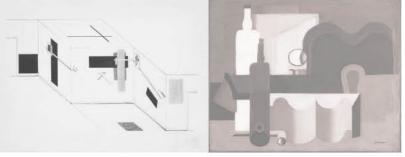




INSPIRATION

AMBIGUITY BETWEEN ART AND EDUCATION

Ambiguity is a given feeling based on spatial familiarity from people's previous experiences in buildings. When spaces are denied against their prejudices about spatiality, they call it as AMBIGUITY; The quality of being open to more than one spatiality, imagination, and expectation; inexactness and openess leading to new thingslike the definitions education and art that encourage students to imagine more possibilities to consider newer things and to connect one to more subjects. Ambiguity is a shared idea from art and education to help create spatiality kids who need to be educated.





The expression of creative imaginations to be appreciated for new possibilities.



AFFORDANCE

DIVERSE

MATERIALS

CHANGABLE

BOUNDARY



CONNECTION

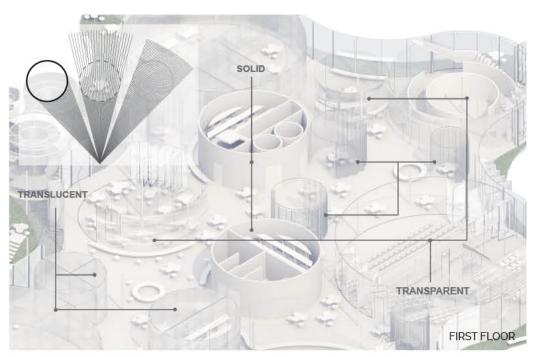




SOCIAL OUTDOOR & INDOOR CONNECTION

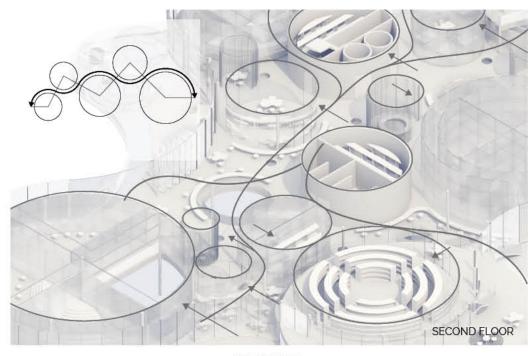
DEFINITION: EDUCATION

The process of giving an enlightening experiences to help children have further imaginations.



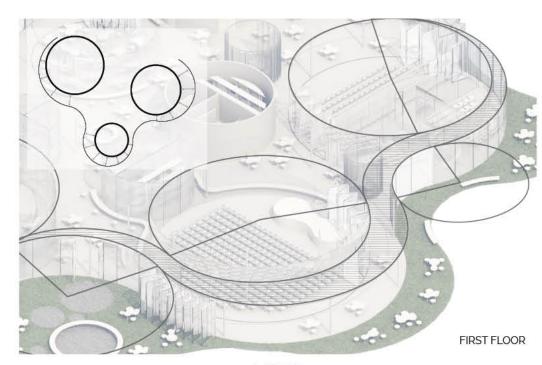
TRANSPARENCY

The diversity of transparency gives more imaginations to students by having them see through spaces over other spaces. By doing so, parts of activities over spaces will leat the students to explore the building.



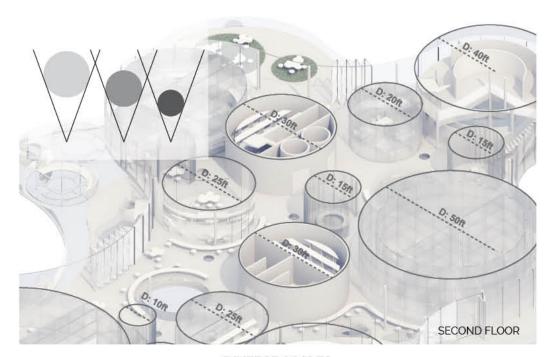
EDGELESS

Edgeless spaces create meandering circulations that lead kids to explore inside the building. Also not arranged spaces both open and close the views and temporary spaces with curtains will help have more fun.



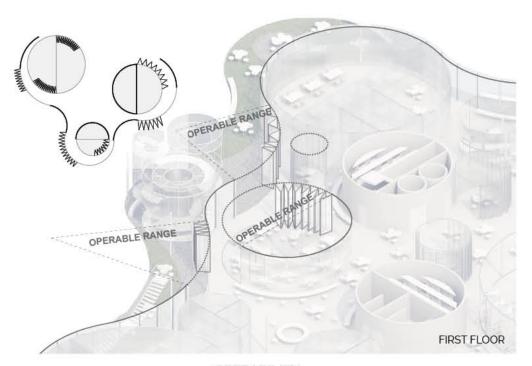
LAYERS

Double layers create new experiences when students face that no spatial prejudice works. So they have to travel. The speces between the layers somtimes guide them to new spaces, outdoor, and other open spaces.



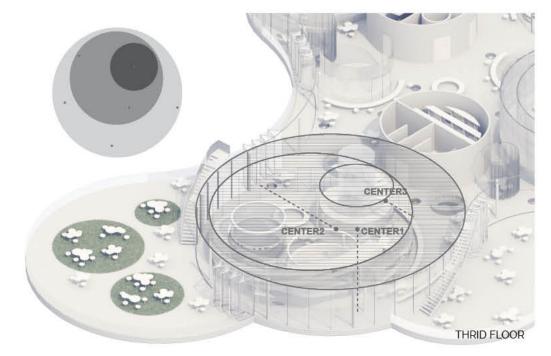
DIVERSE SCALES

Benefits of using several scales of circles will not give any clues if spaces are big, if there another space behind what they see since circles can be overlapped into one and be differenciated from each other.



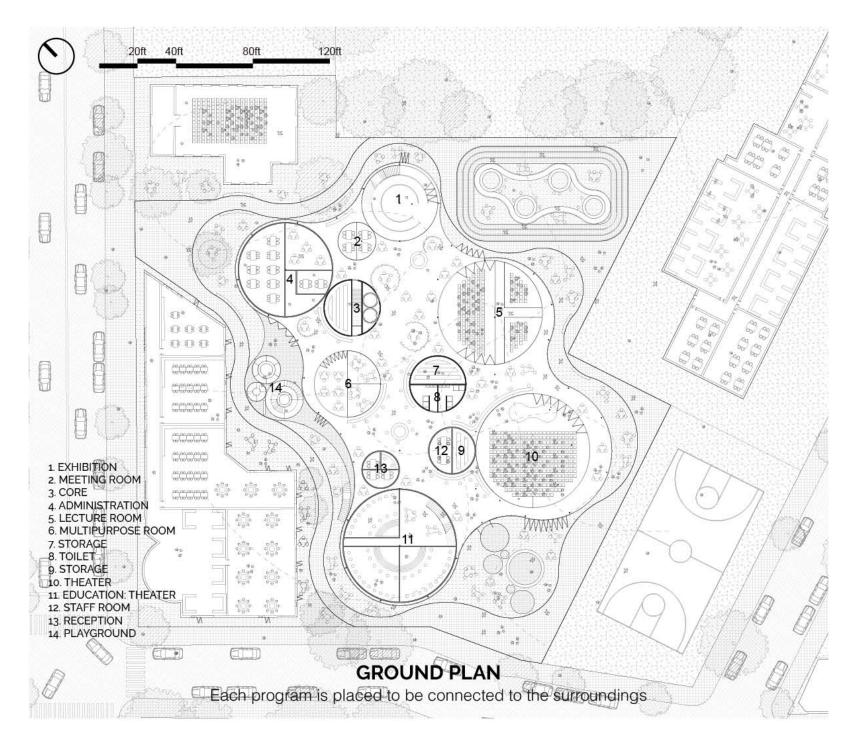
OPERABILITY

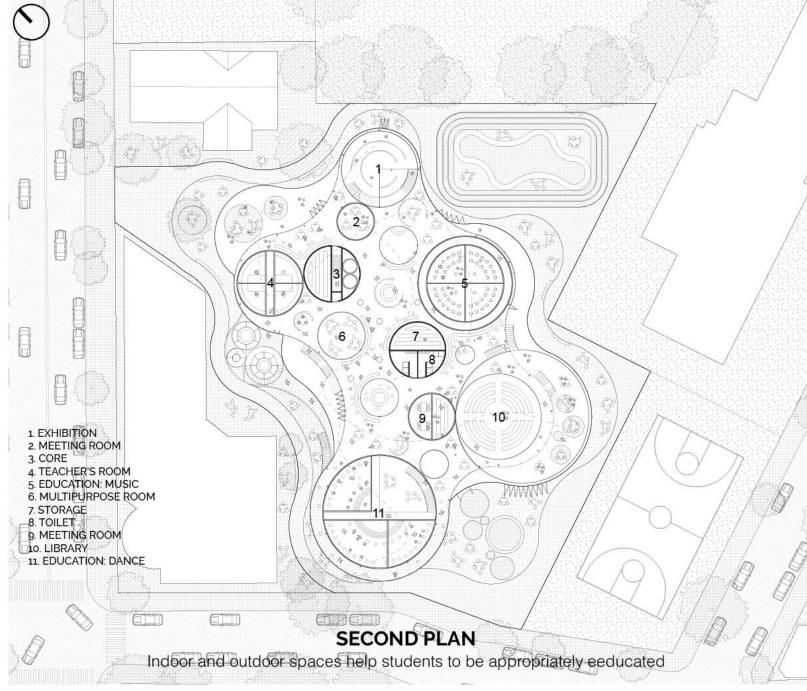
Appropriate operable windows become points that break the boundaries between outside and inside, which will attract kids to go both outside and inside.

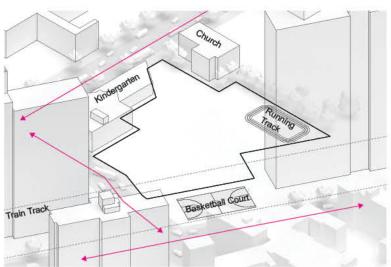


IRREGULARITY

Diverse circles are somtimes consisting of a space but the centers are not at the same point to make students out of their spatial stereotypes to give more chances to imagine where they are and what they will do.

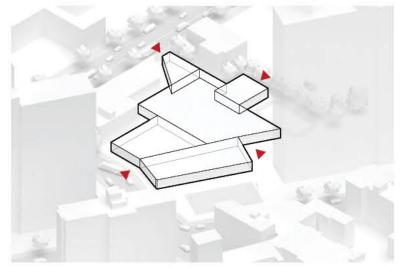






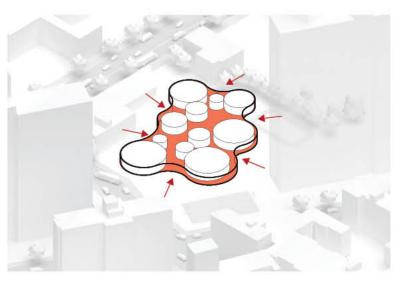
PARK IN THE COMPLEX SURROUNDINGS

South Bronx follows the same grid system with Manhattan and there's one more grid created for train track under the site. The grid systems and plots of surroundings created a weirdly shaped site that has a lot of possibilities.



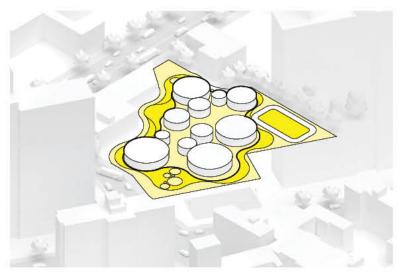
ACCESSES IN-BETWEEN EXSITING PROGRAMS

The site is located in-between many public housing complexes built in 1960s. Those were built highly to solve the housing issue at that time. However now the area is denser than other places, especially children under 18.



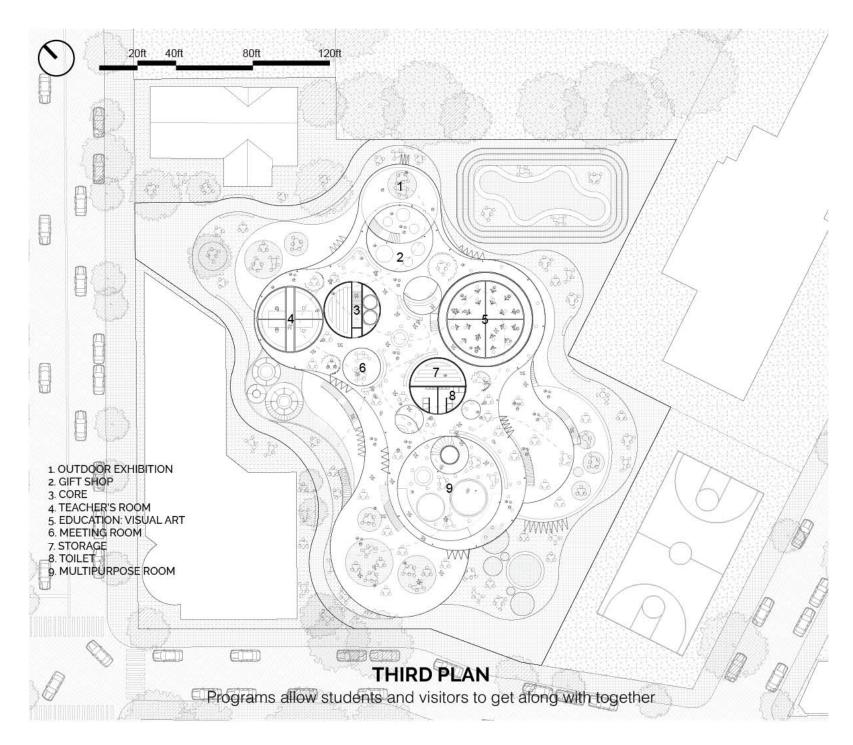
PROGRAM ZONING WITH CIRCLES

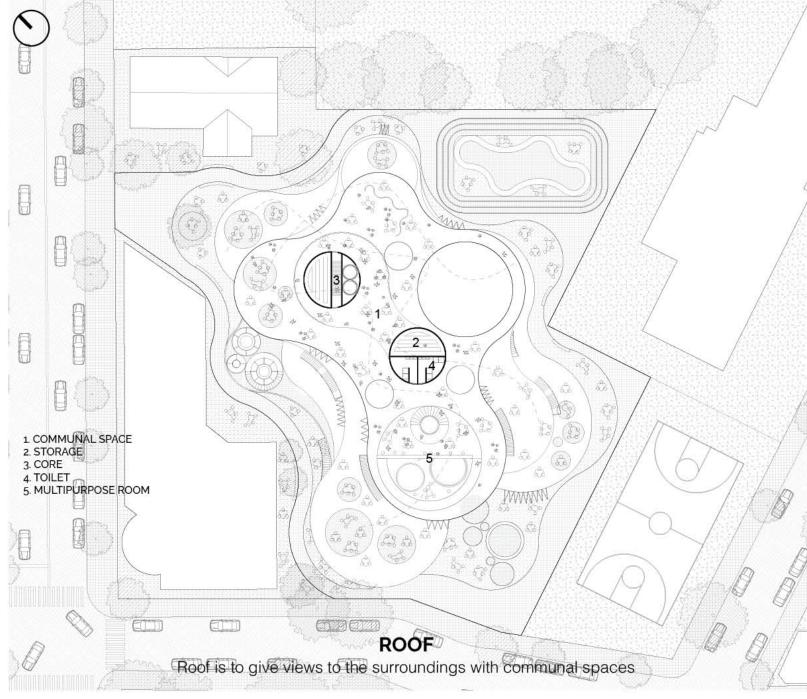
To relavantly face the accesses from apartments, streets, and other programs, programs on the ground were placed at appropriate points based on their goals.



IN-BETWEEN LAYERS

A meandering circulation appears in between the outlayer and surroundings such as buildings and trees. Then in-between the programs inside and the outlayer, another circulation attracts people to explore the building.

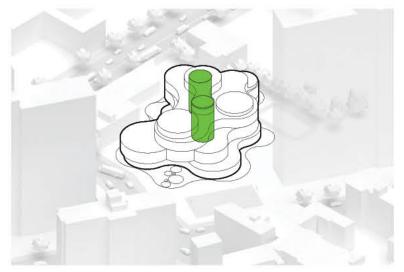






ADAPTIVE STACKING

By changing the position of each circle flexibly, the massing for each floor avoid interupting with the surroundings, while circles for programs work relevantly for their goals.



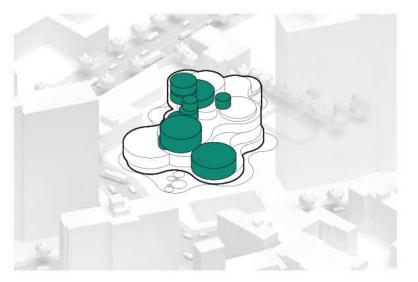
VERTICAL CONNECTION

There are two cores that help people move around the building efficiently, while circles help children explore the programs and broaden their perspectives, finding lots of new spaces that they don't expect.



EDUCATIONAL PROGRAM

Educational programs are located near supporting programs such as storage and two programs are connected to enlarge the educational effectiveness. Theater and dance and Music and Visual Art work together.



PUBLIC & PRIVATE PROGRAM

Public programs play a role to expand the educational outputs to outside, people, and out of each space. Private programs such as administration exist near core for efficiency.





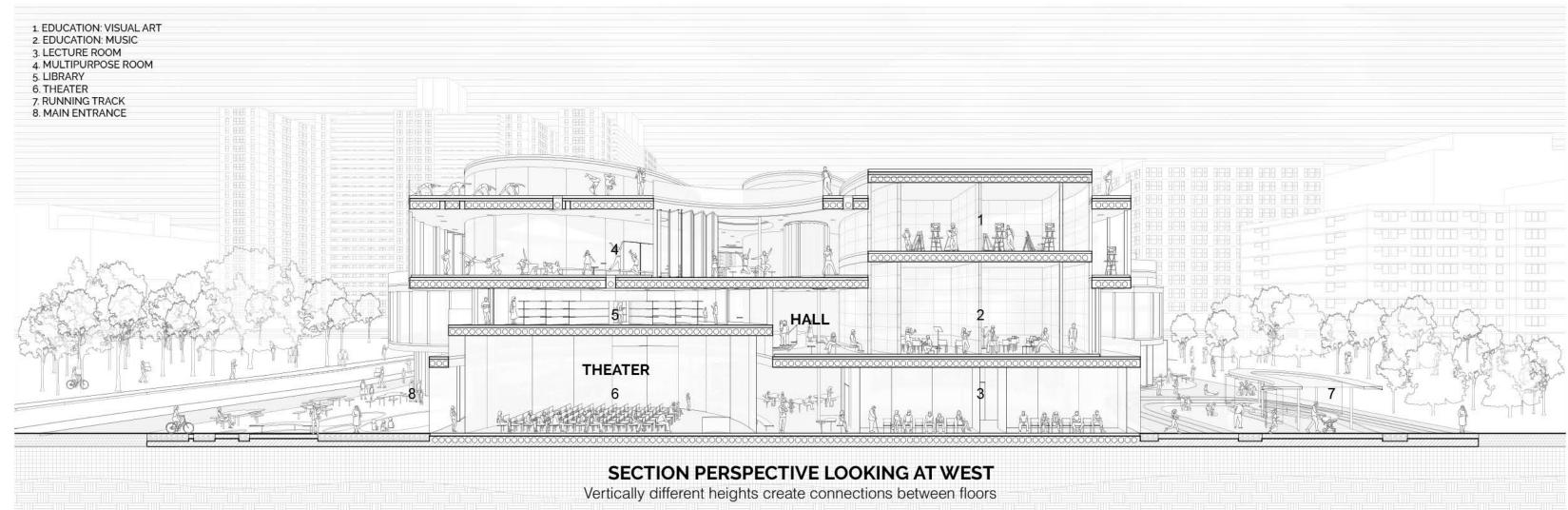




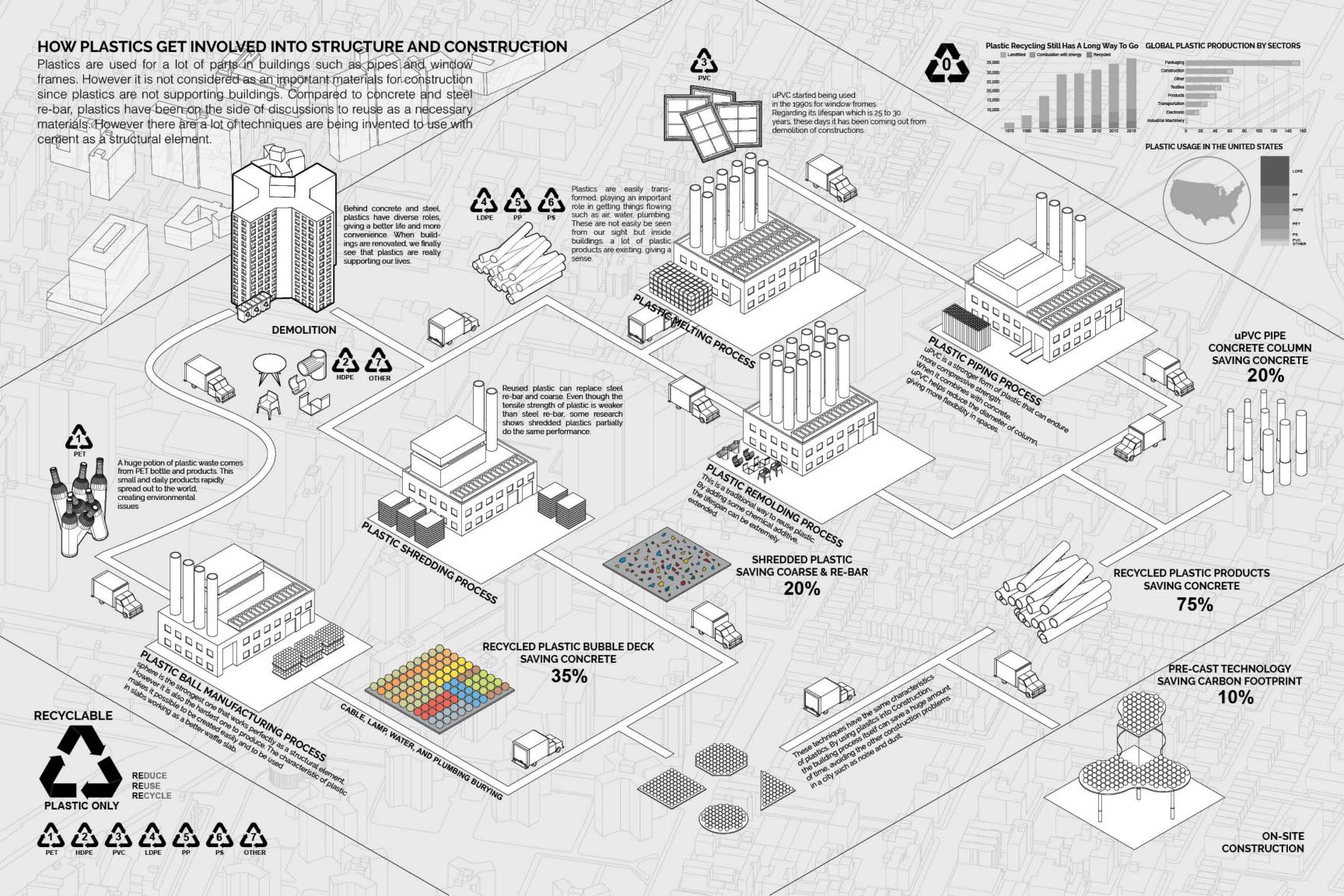










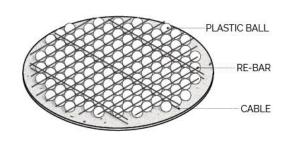


THE WAY HOW PLASTICS ARE THE MAJOR PART OF BUILDING MATERIALS

Plastics cover almost of all the building materials structurally and spatially, while creating ambiguity.

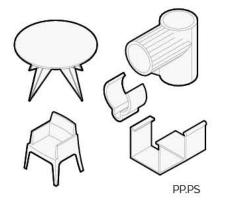
CONCRETE SLAB WITH PLASTIC BALL

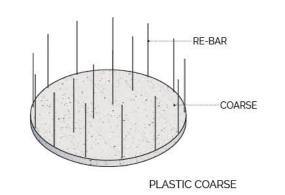


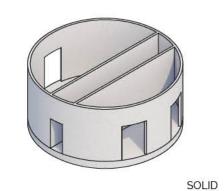


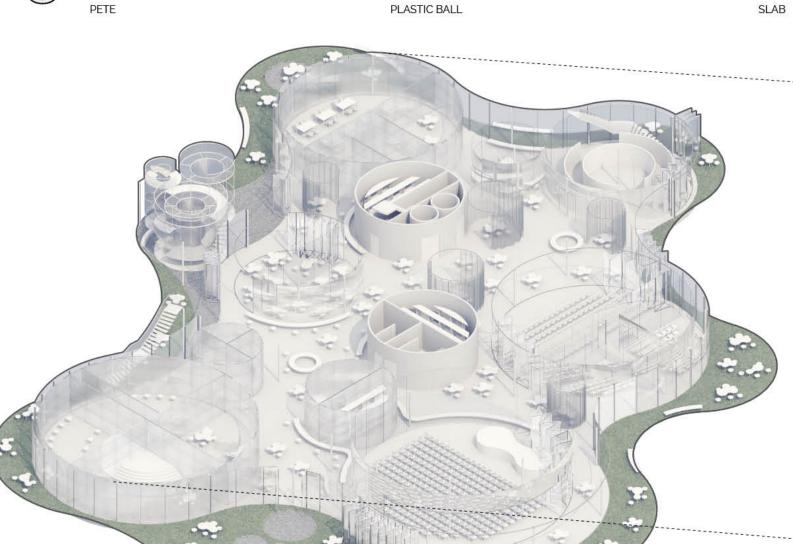


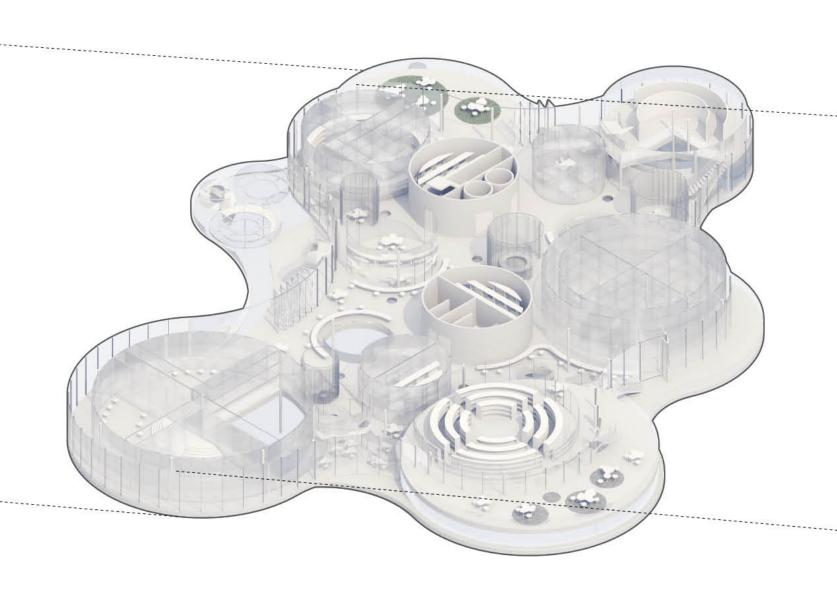
CONCRETE WITH PLASTIC COARSE(TRANSPARENCY 0%)



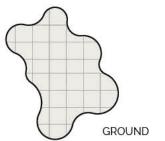


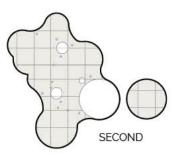






PRE-CAST SLAB GRID









CORE





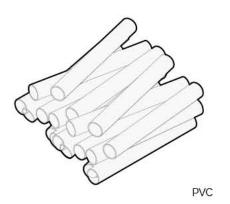


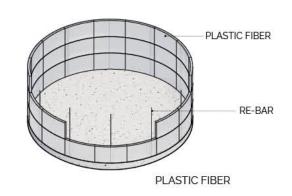


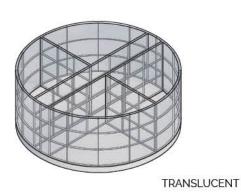
THE WAY HOW PLASTICS ARE THE MAJOR PART OF BUILDING MATERIALS

Plastics are meant to toys and playful things to kids, which makes sense to children under 18.

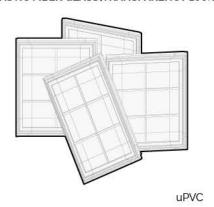
CONCRETE WITH PLASTIC FIBER(TRANSPARENCY 30 ~ 70%)

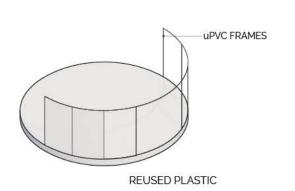


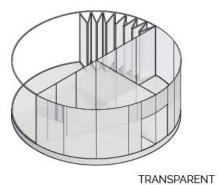


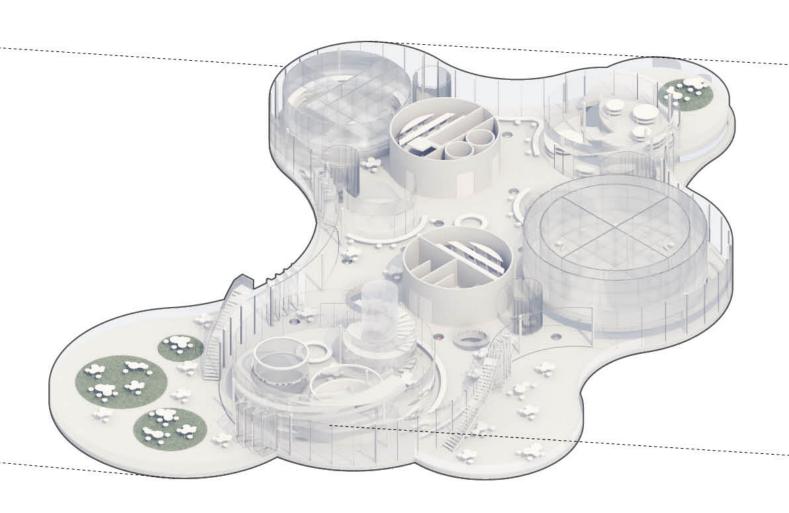


PLASTIC FIBER GLASS(TRANSPARENCY 100%)



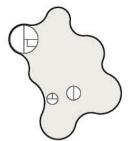








SEMI-PRIVATE SPACE(TRANSLUCENT)









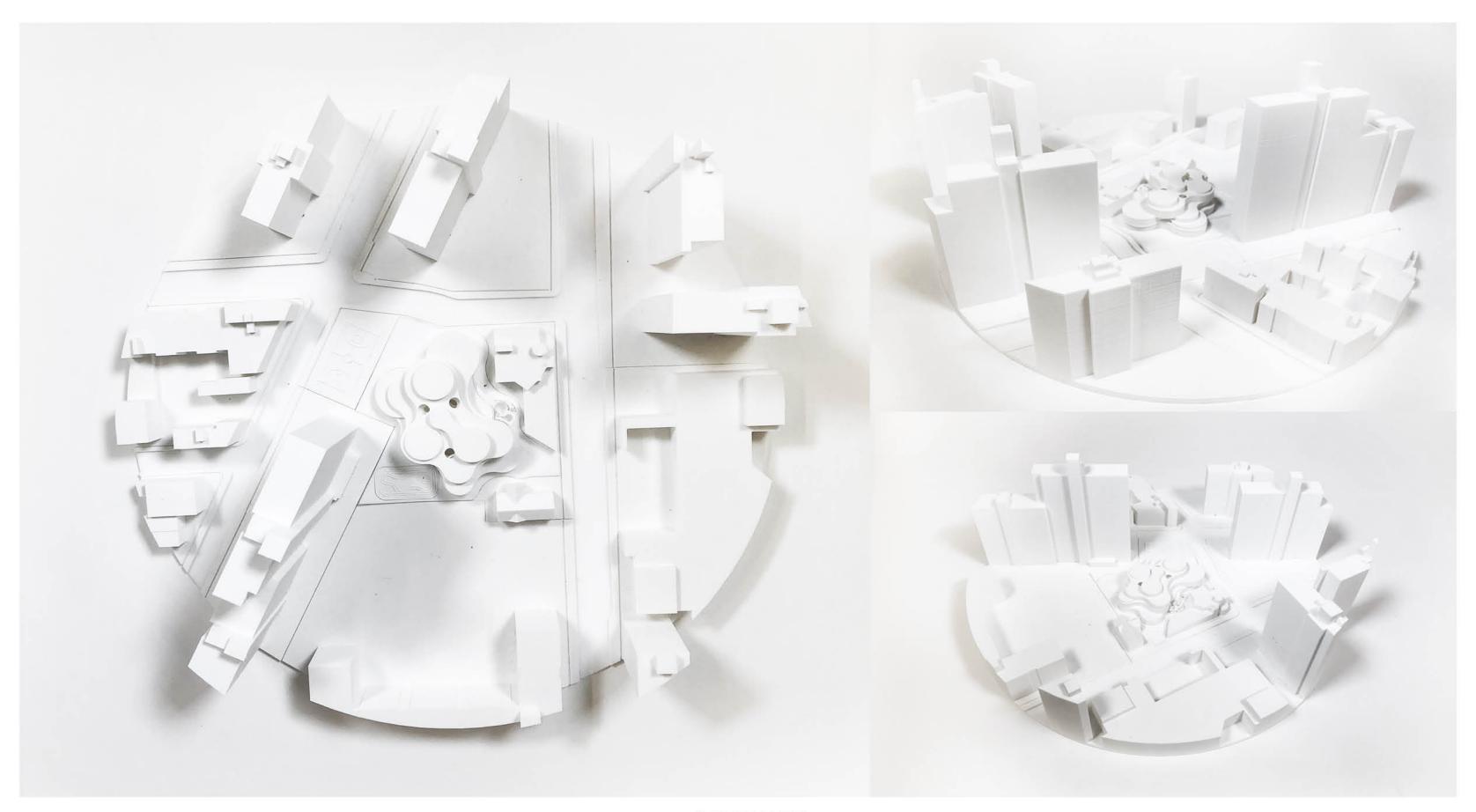
PUBLIC SPACE(TRANSPARENT)



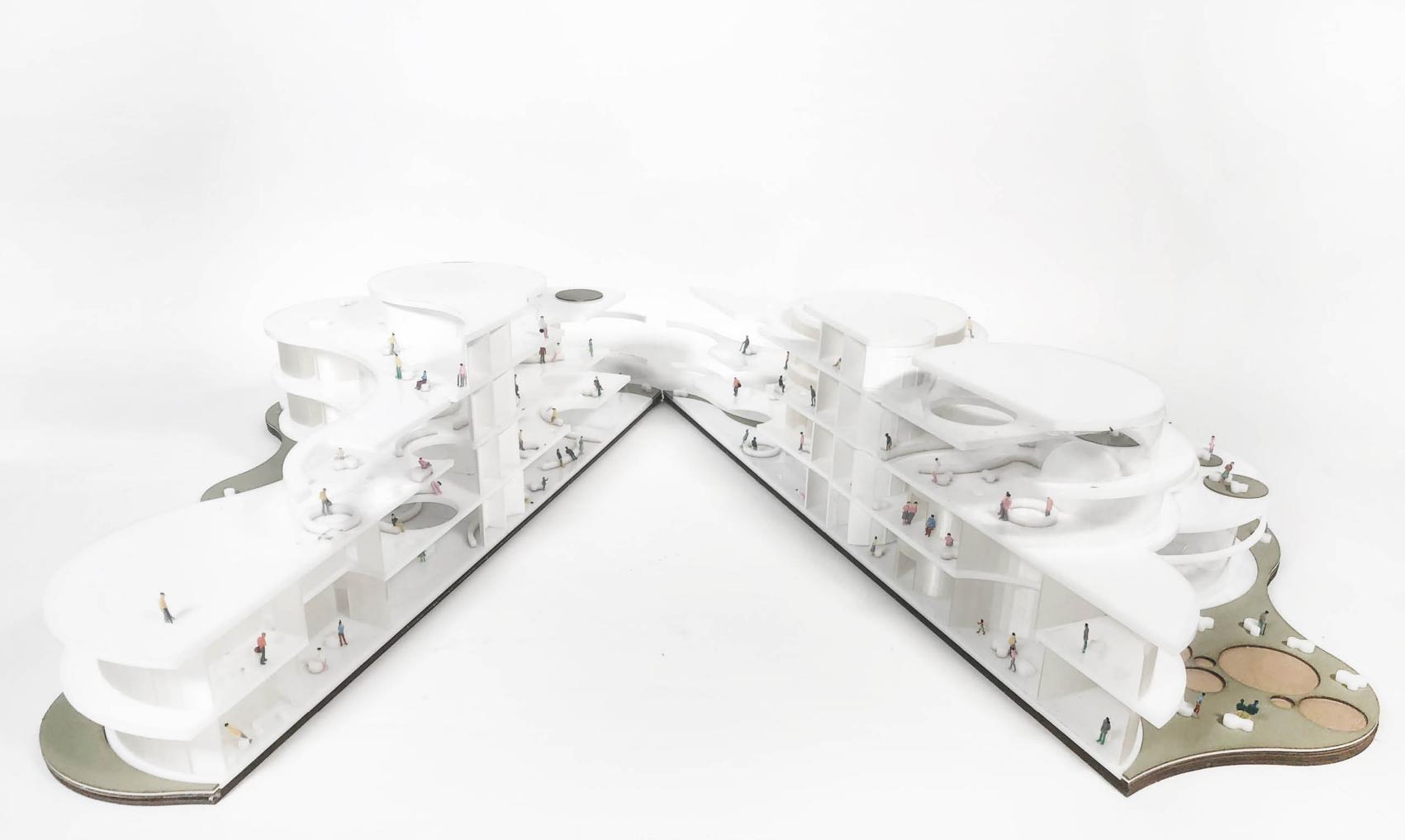






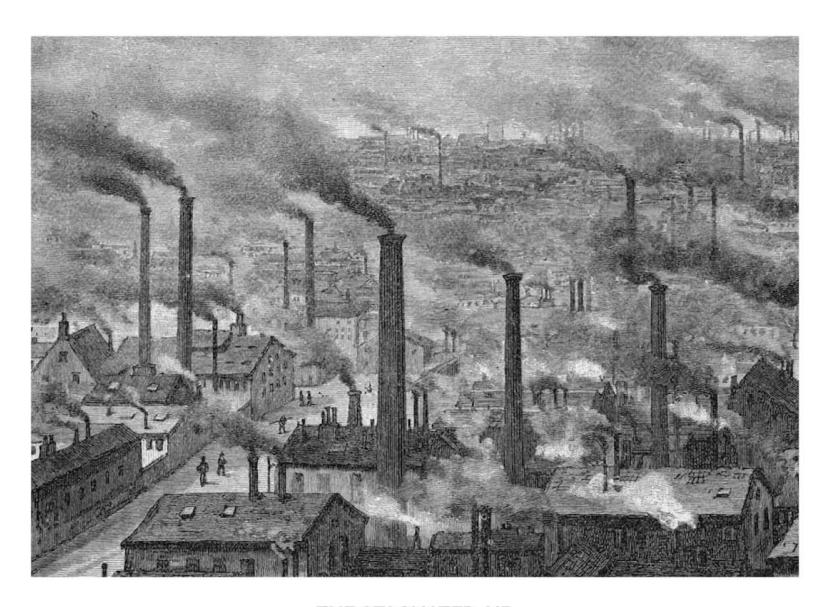


1:32" SITE MODEL
From the contexts to the specific spaces



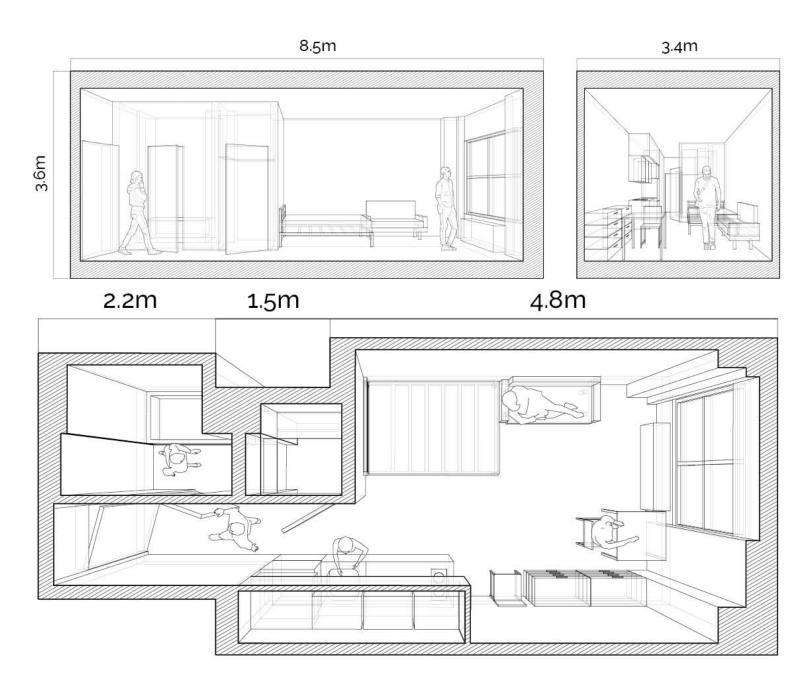
1:4" SECTION MODELFrom the contexts to the specific spaces





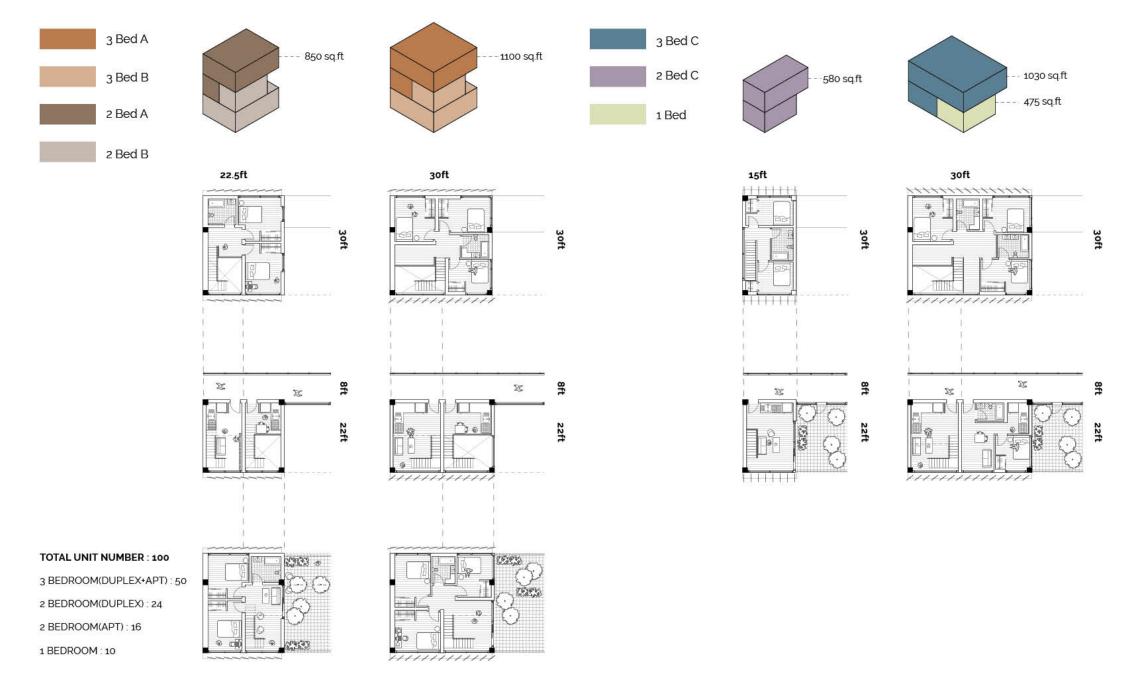
THE STAGNATED AIR

After Industrial Revolution, we have been studying the air. It was found that, when the air is stagnated, it creates pollutants that cause respiatory diseases.



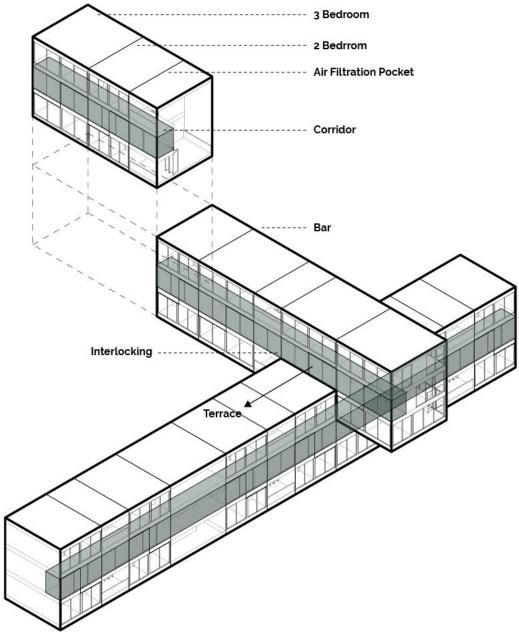
LIFE IN NEW YORK DURING COVID-19

During after Covid-19, people had to stay at their own places, while not meeting any one. As much as they stay at home, people realized that how the air quality is important and how the fresh air is important for their lives. Then a lot of people moved to rural areas or bigger houses to have more the fresh air. Now people are aspiring more natural ventilation.



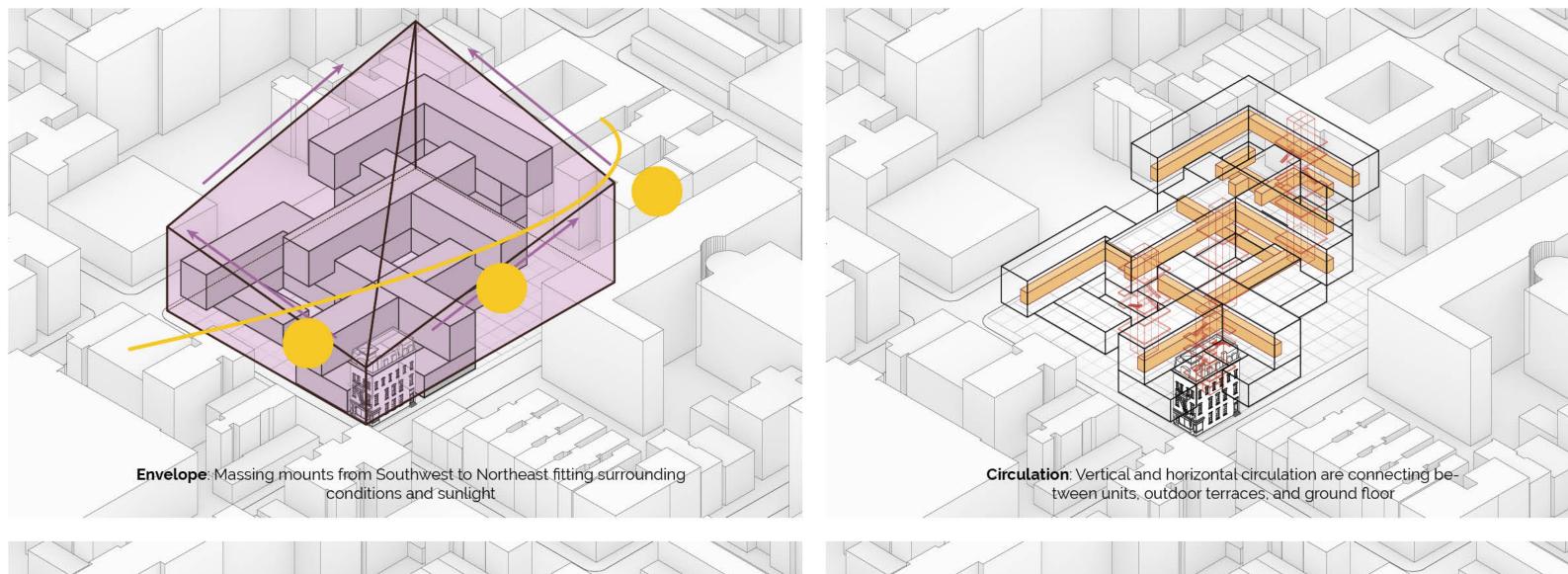
UNIT AGGREGATION

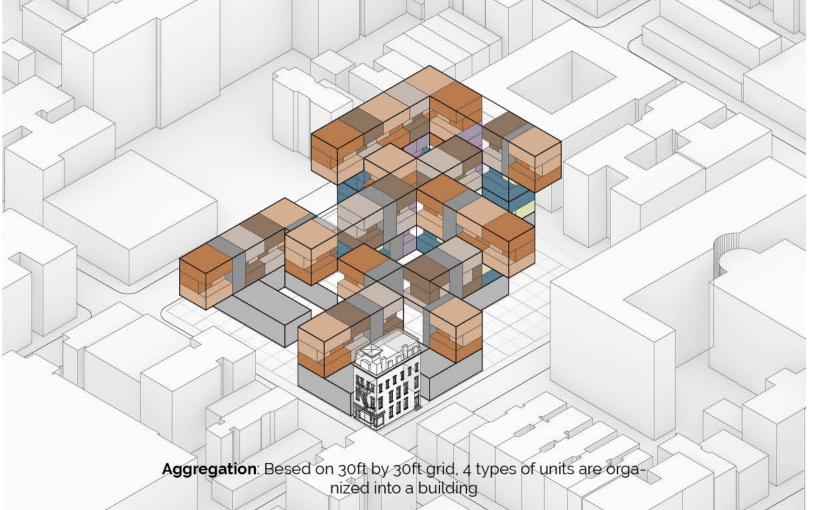
A skip-stop method of circulation is utilized to make up for air filtration pockets while the massing was carved out of the massing. There are two strategies. On the left, a skip stop that alternates every three floor. This aggregation consists of interlocking two bedroom and interlocking 3 bedroom units. and on the right a skip-stop that alternates every two floors. This allows for the integration of studio and 1 bedroom apartments. This strategy allows the unit to have views on both sides of the aggregate bar. This typology encourages crosse ventilation. at the unit scale.

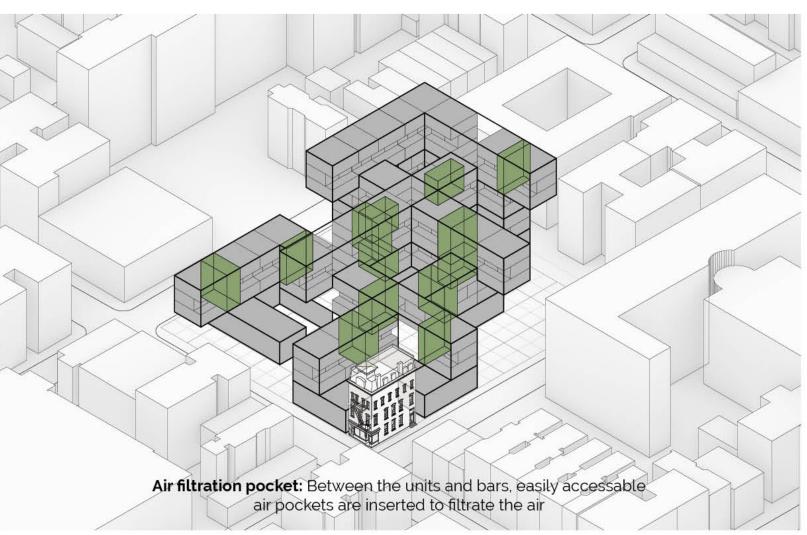


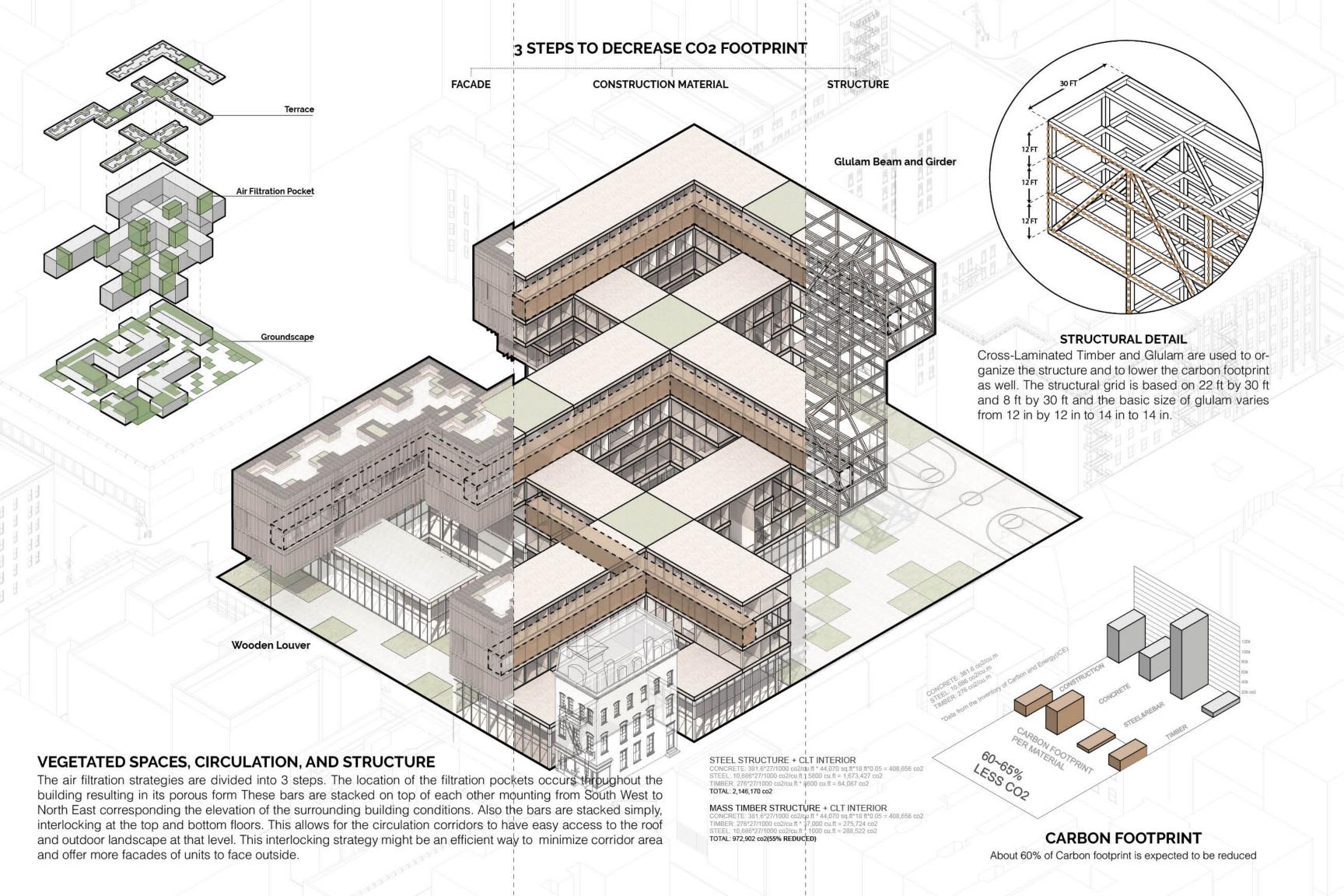
INTERLOCKING BAR

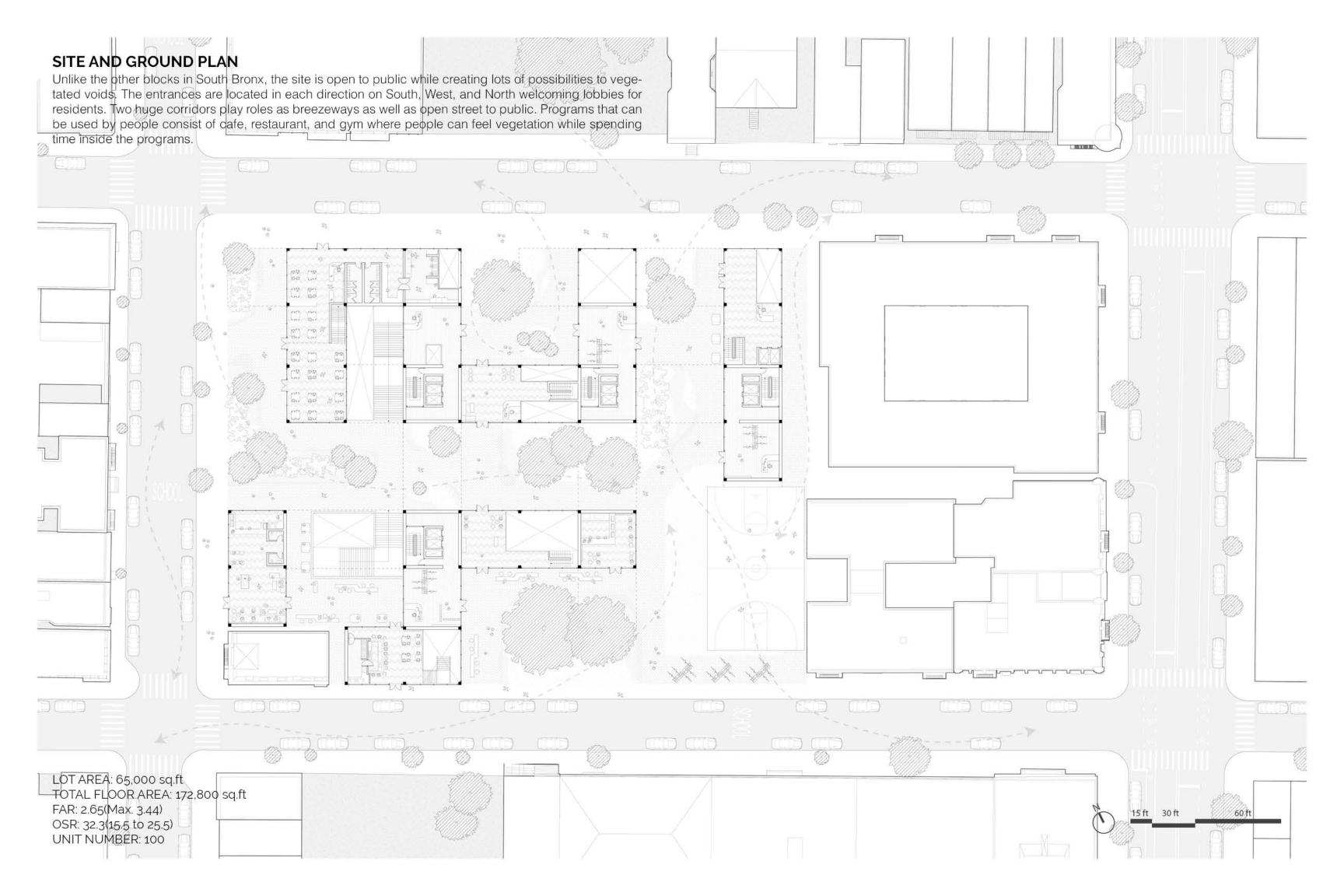
The units are aggregated into a bar type. Outdoor air pockets are placed between units. This allows cross ventilation to occur at the scale of the bar later at the scale of building. Residents are also able to access the these pockets either visually or physically. These pockets will be strategically covered with greenery to act as a cleansing mechanism.

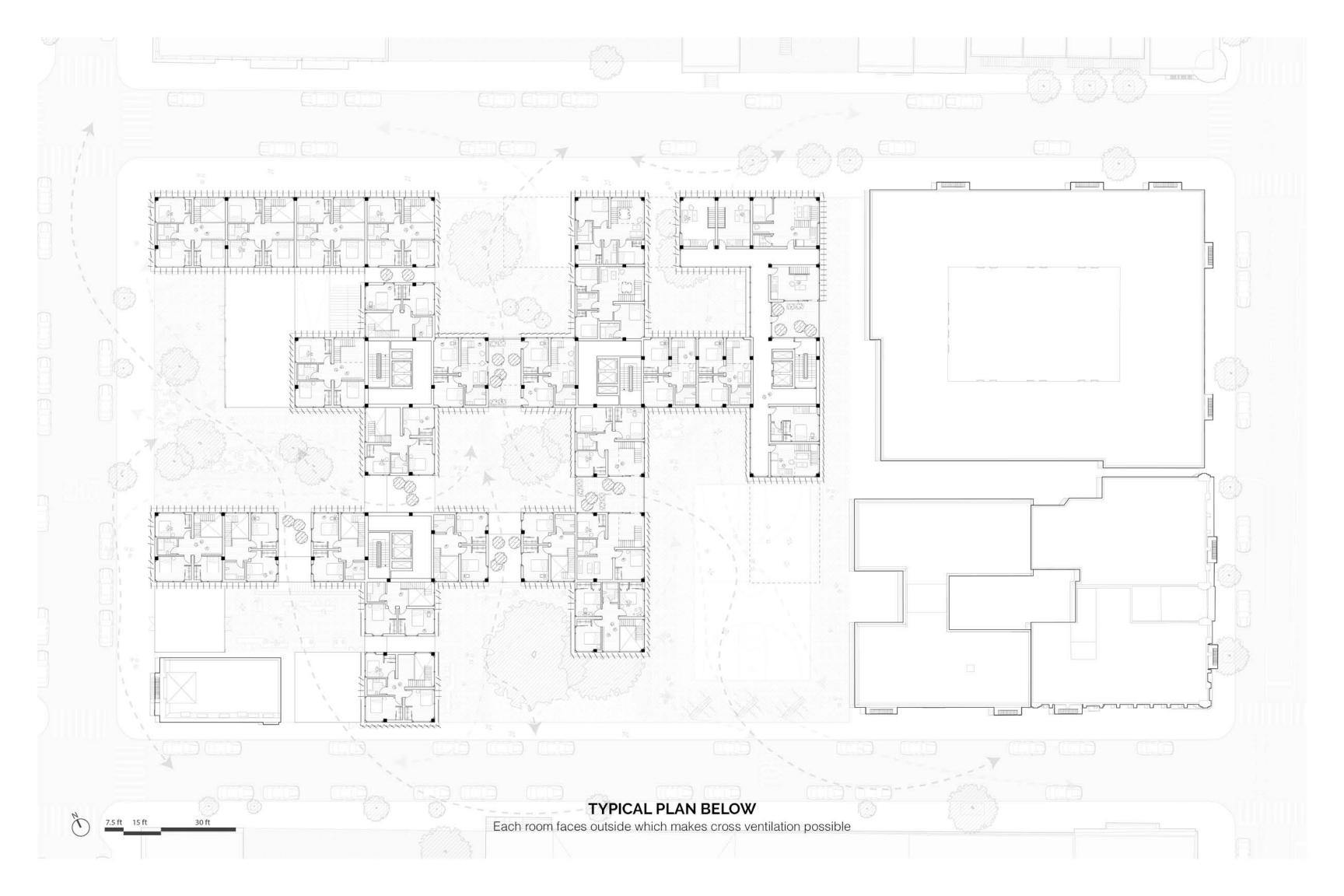


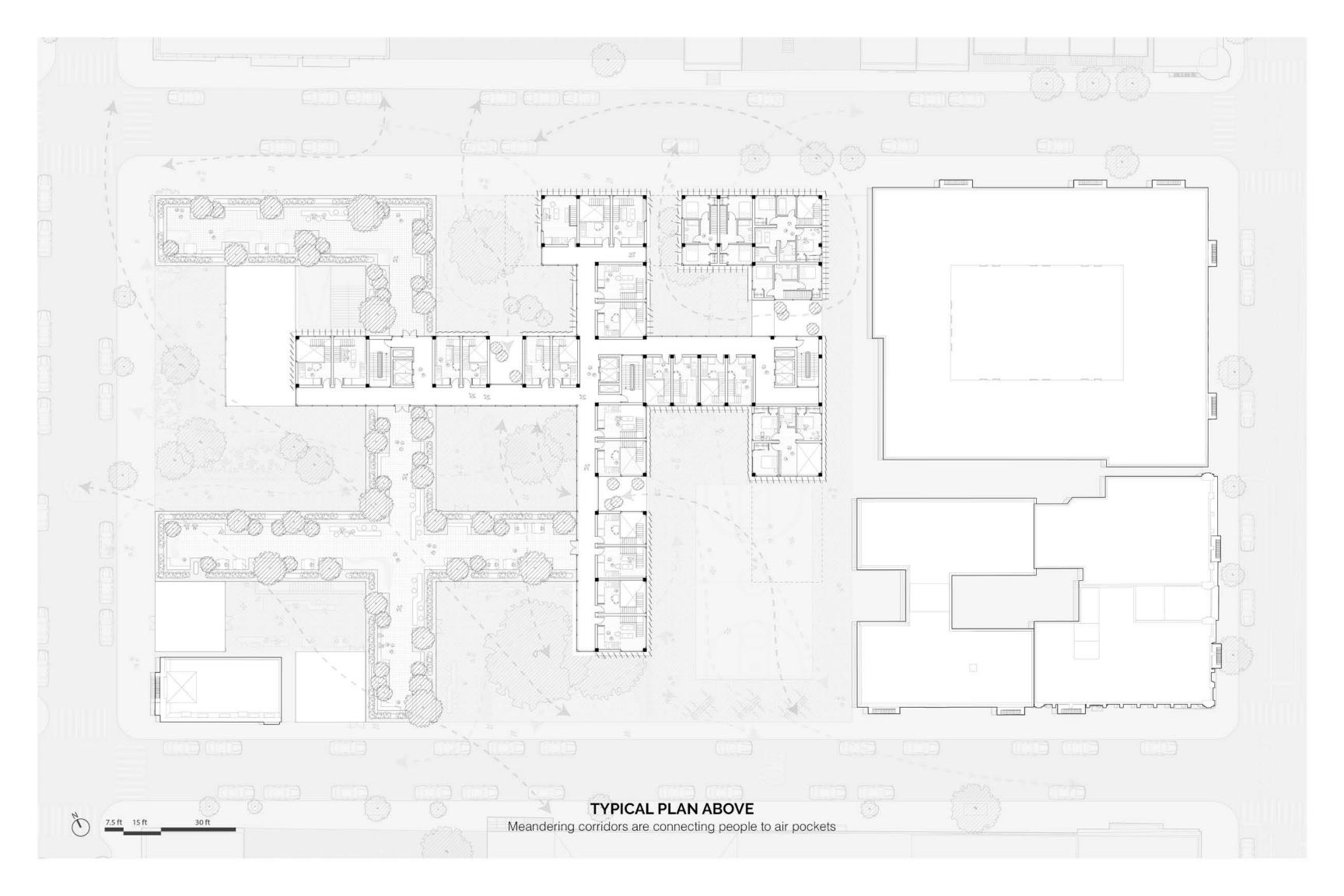






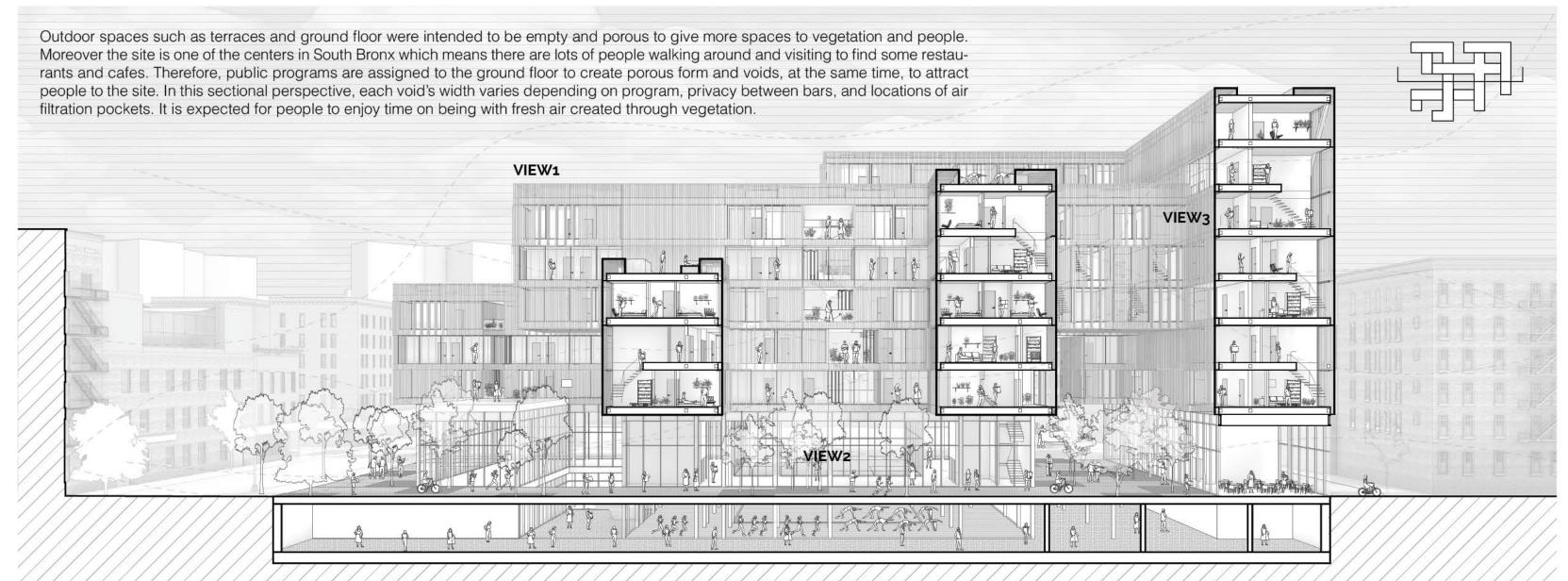








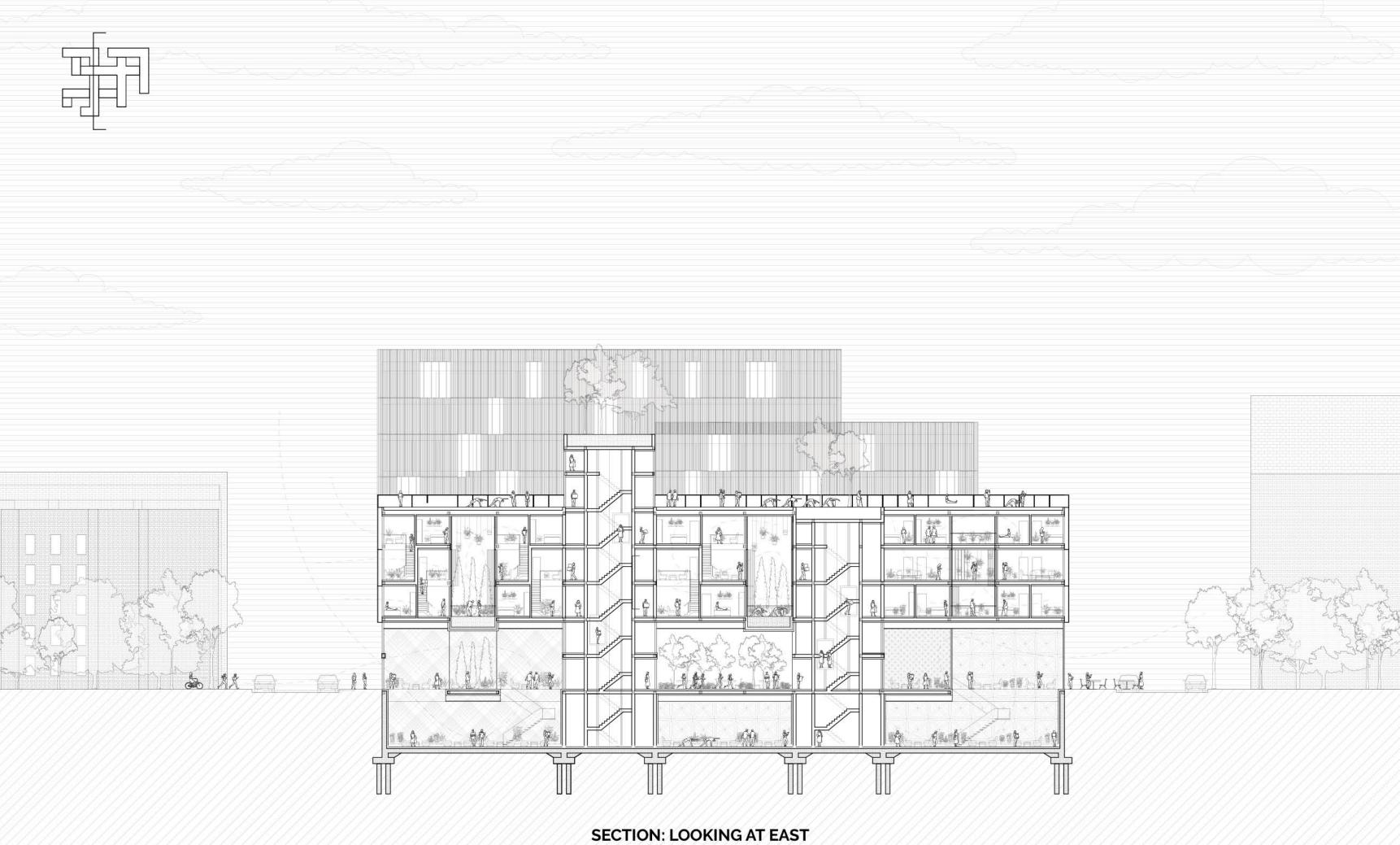




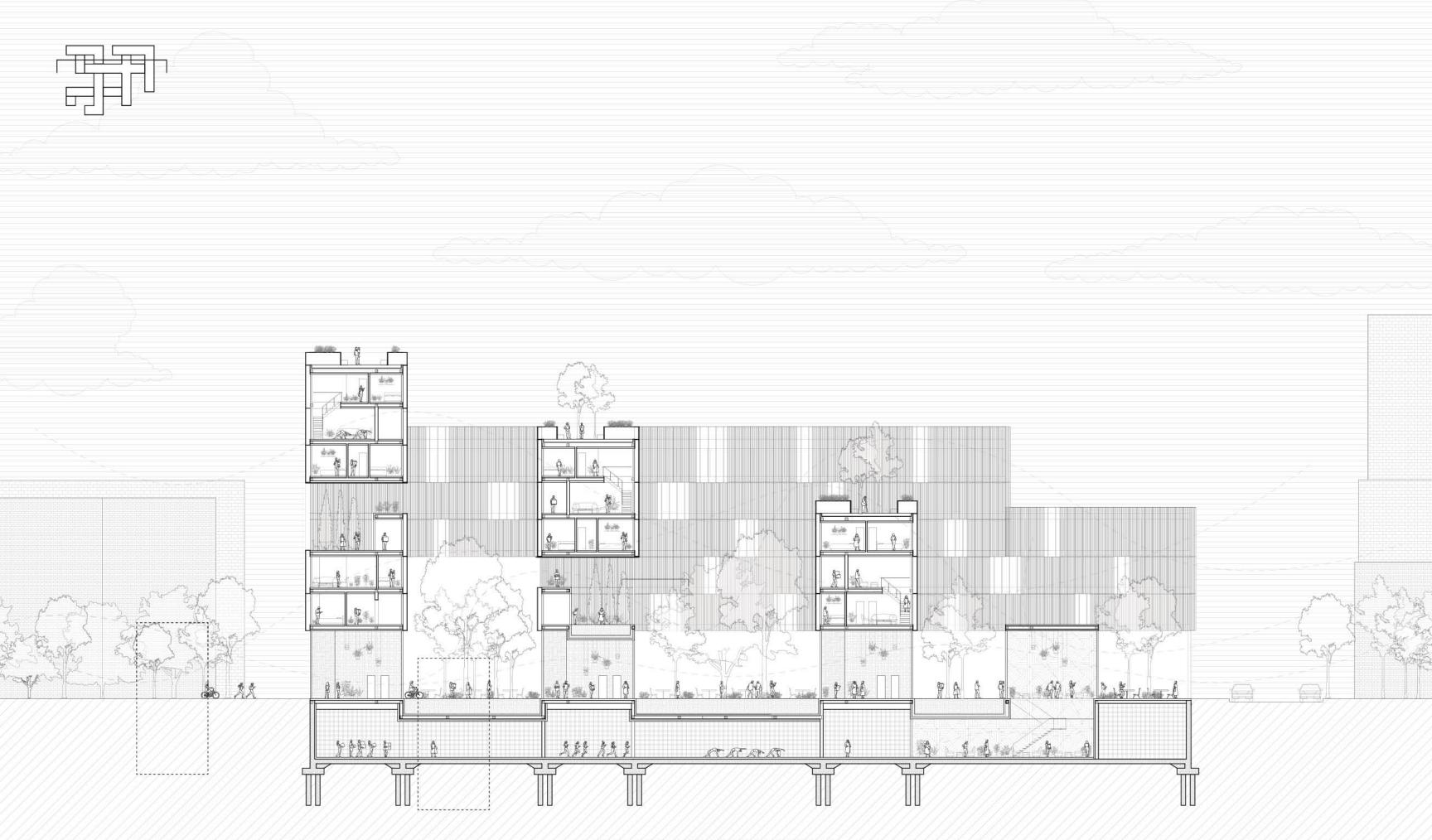
SECTIONAL PERSPECTIVE

Differently sized-voids play a role in filtration



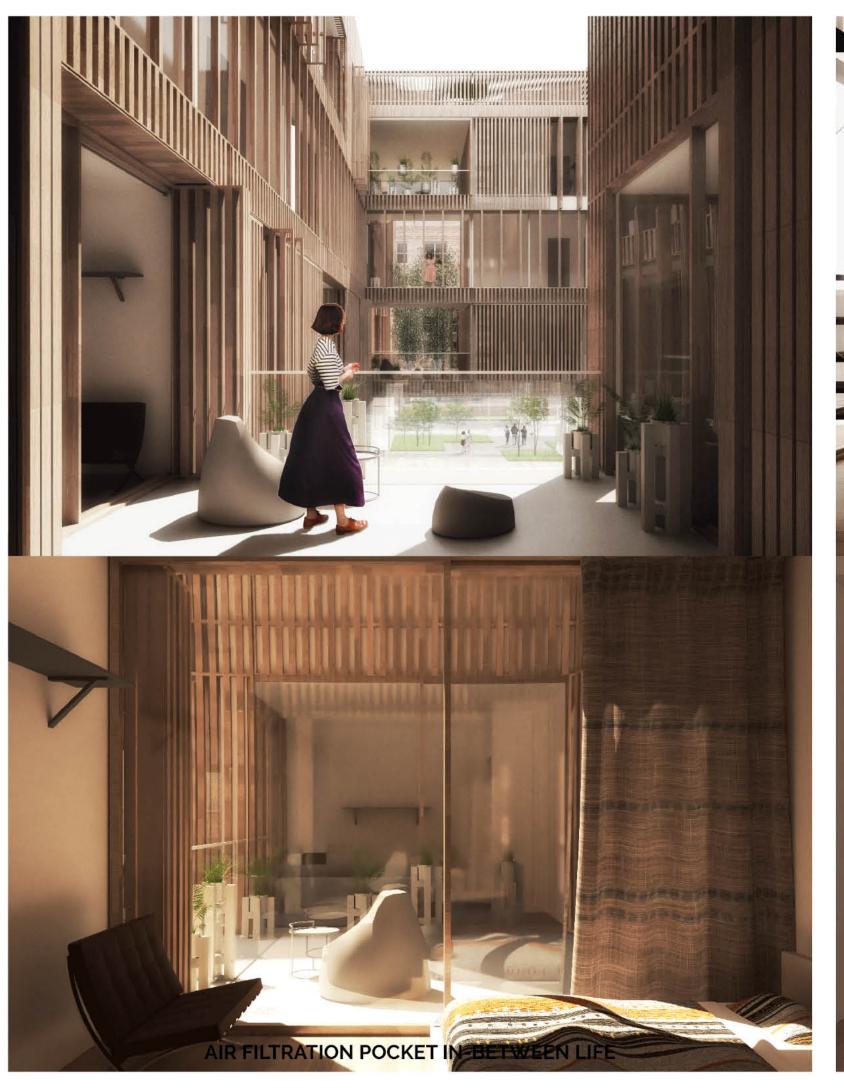


People's lives are organized centering on the air pockets. On the transparent ground floor, public spaces such as lobby, café, and courtyards. Housing units are floating from the ground being in-between the air.

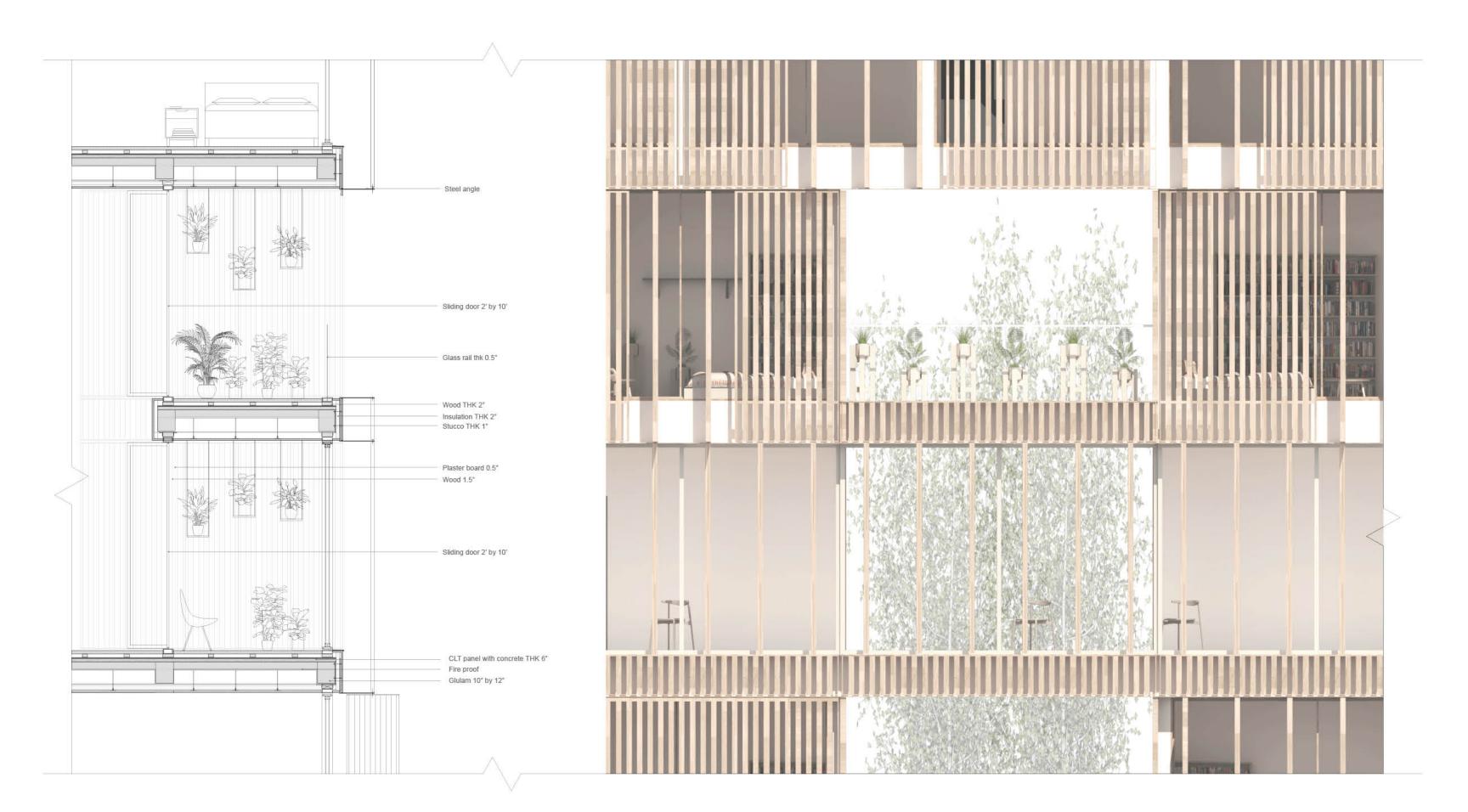


SECTION: LOOKING AT SOUTH

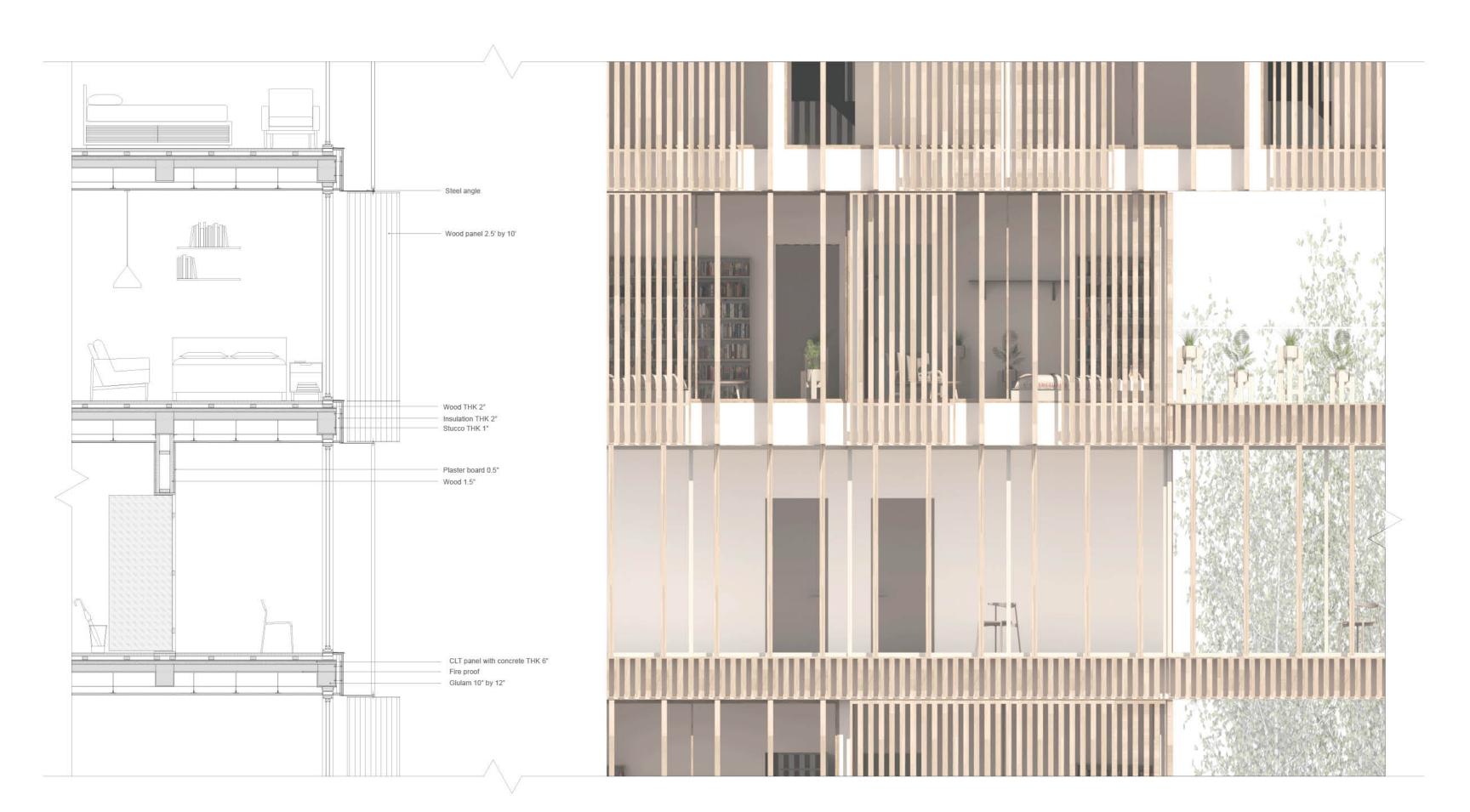
The city is being denser and denser and harder to breathe fresh air in our houses. Different sized-courtyards provide a special life for people. The A life inside the building will be existing while being surrounded by the fresh air







360 DEGREE ROTATING LOUVER SYSTEM



360 DEGREE ROTATING LOUVER SYSTEM

LOUVER DENSITY VARIATION

The density varies according to directions. South and West facades have denser louvers since those facades face more sunlight during the day and sunset. On the other hand, North and East facades have less dense louvers because those lack of sunlight.







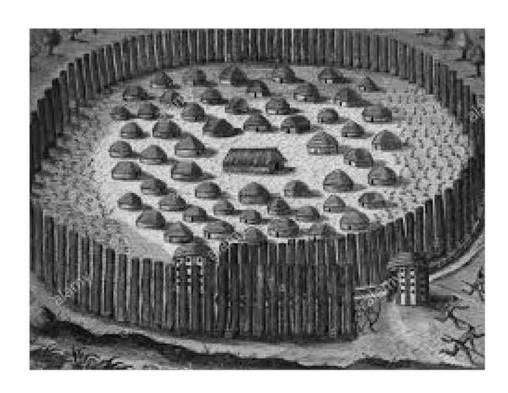








FOCUS 1. THE SPLIT ROCK
The rock is the center of Ramapo trive



FOCUS 2. THE VILLAGE
Ramapo trivd used to build a village where buildings directing to the center



FOCUS 3. WOOD
Wood was the material they used to build housing

While taking the characteristics of Ramapo trive as a tradition and a reminder of people who are one of the Native trive and live away from their sacred land, the museum was focused on implanting those traits into the museum and transforming into the architectural gestrues in contemporary since the museum will not be just a museum, it is an advertising place for common people who might be interested in and might help the Ramapo people. The ways the native people bring sunlight inside were used for creating ritual spaces. Also their methods to create a village and to connect one of each other are rendered by combining with simple boxes which is one of the representatives of contemporary language.



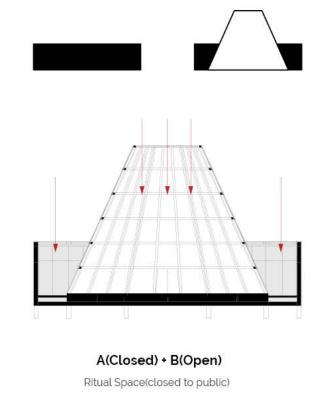


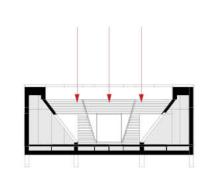
A - SYMBOLIC, TRADITIONAL

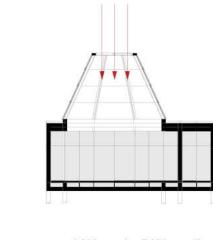


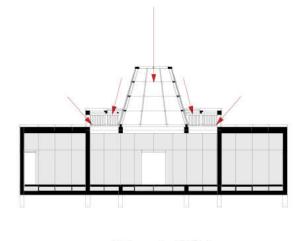


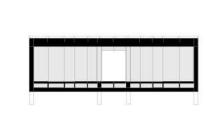
B - FUNCTIONAL, CONTEMPORARY











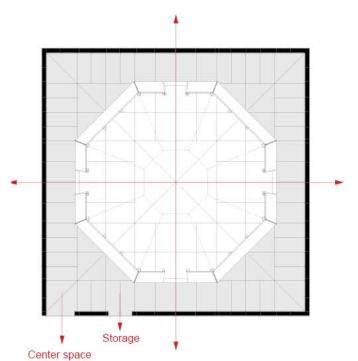


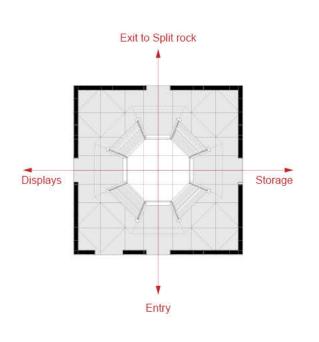
A(Above) + B(Closed)

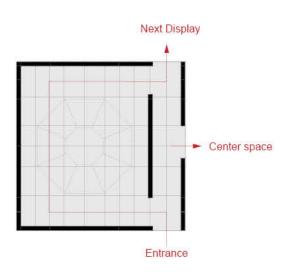
Display of Artifact

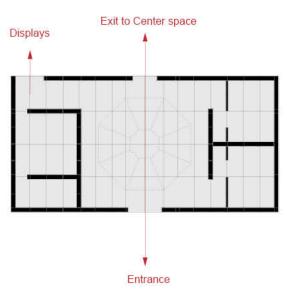
A(Down) + B(Up)
Entry with Skylights

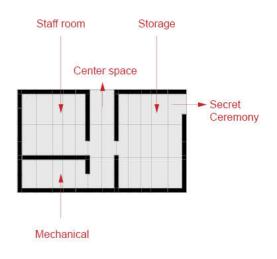
Storage + Meeting room + Mechanical

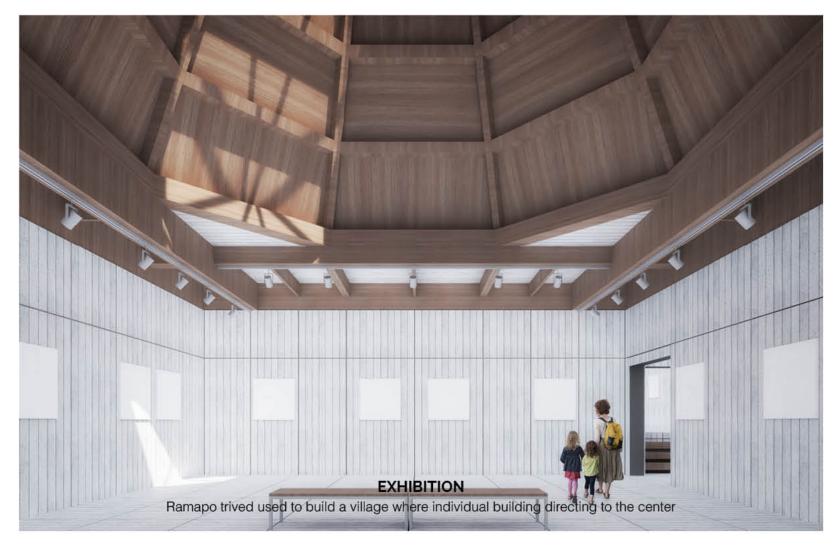


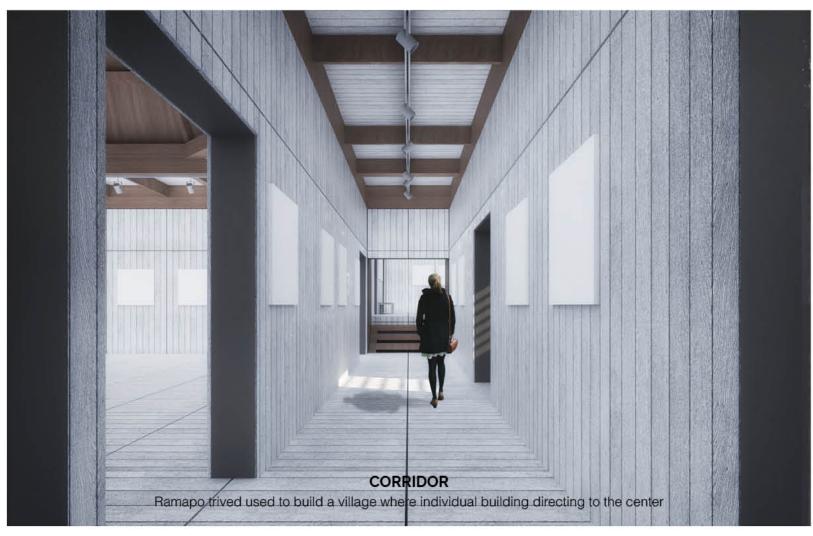


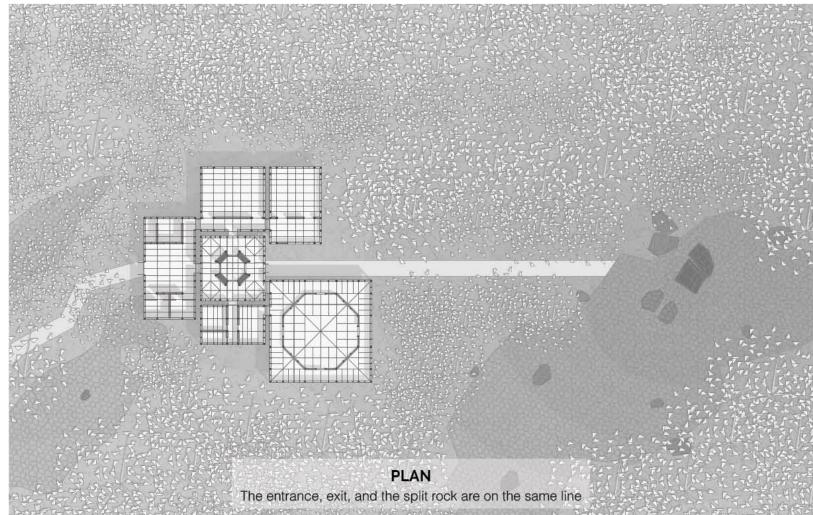


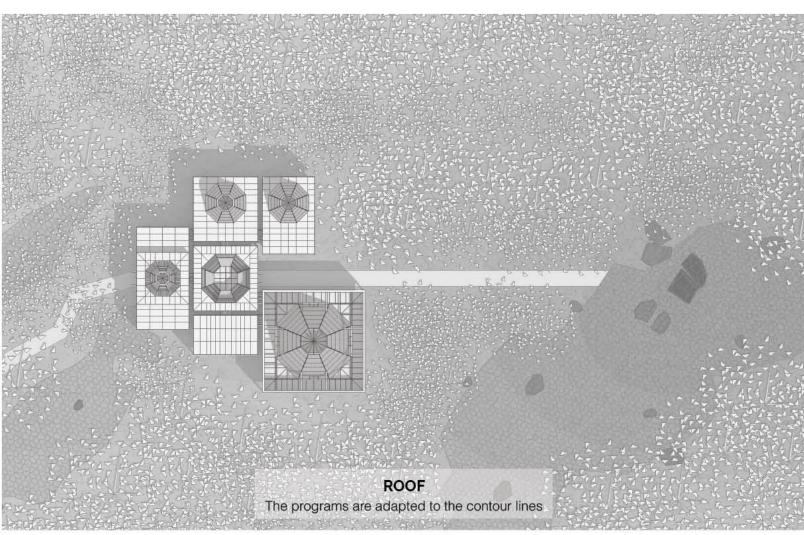






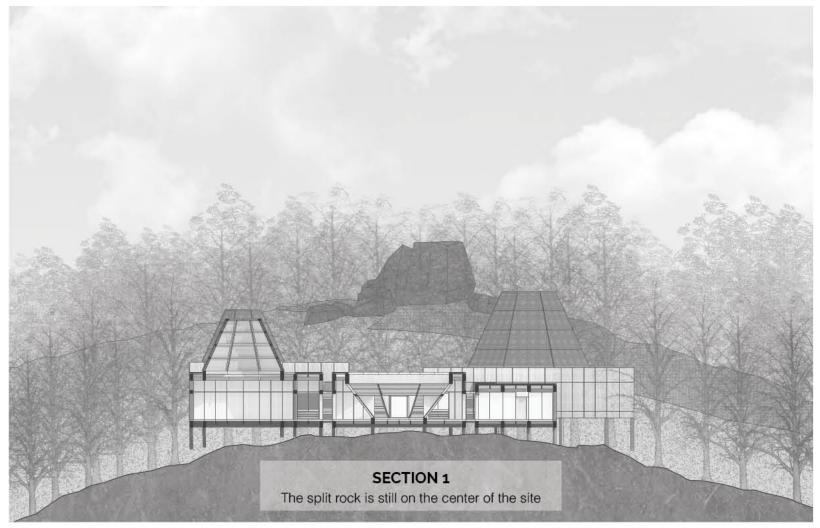




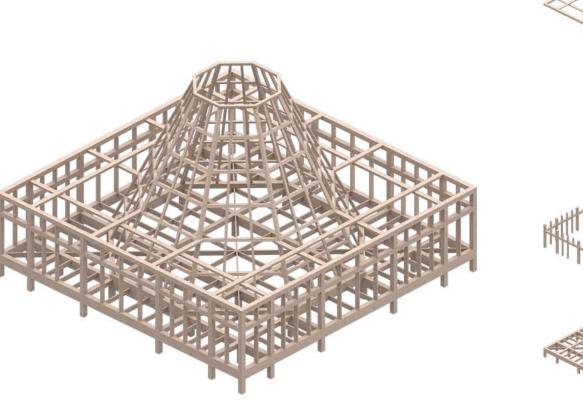






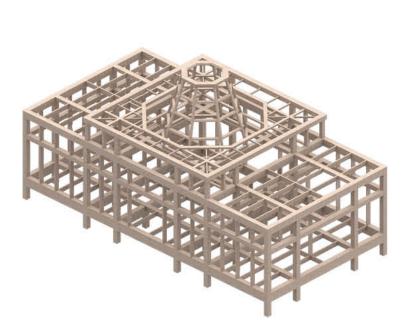




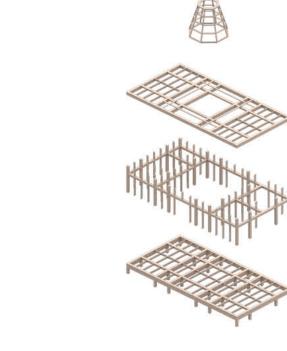


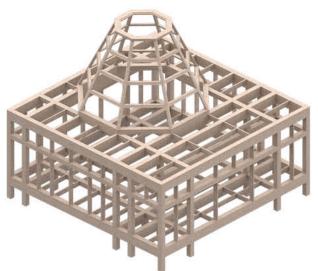


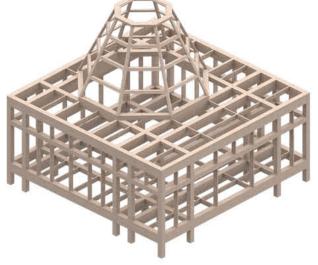
The biggest space for the Ramapo people to enter as much as 100 people



RECEPTION

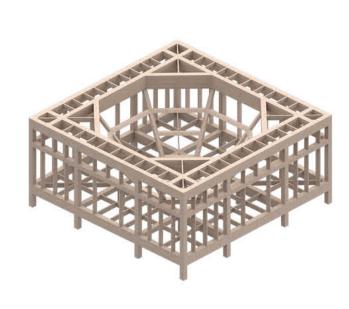






EXHIBITION

There are three exhibitions where each has its own theme such as artifacts and documents

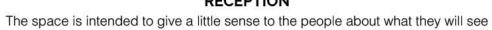


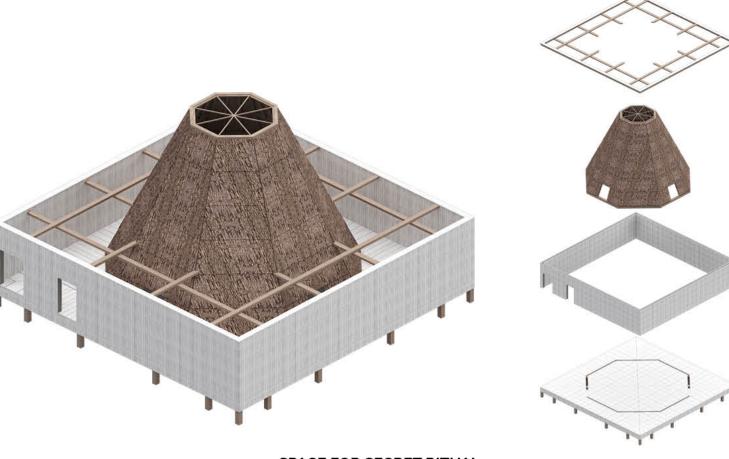


Wind, rain, snow, and sunlight get inside without a cover



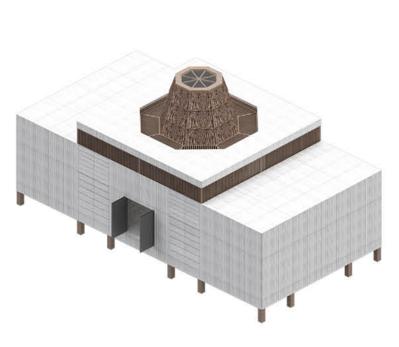






SPACE FOR SECRET RITUAL

The biggest space for the Ramapo people to enter as much as 100 people











EXHIBITION

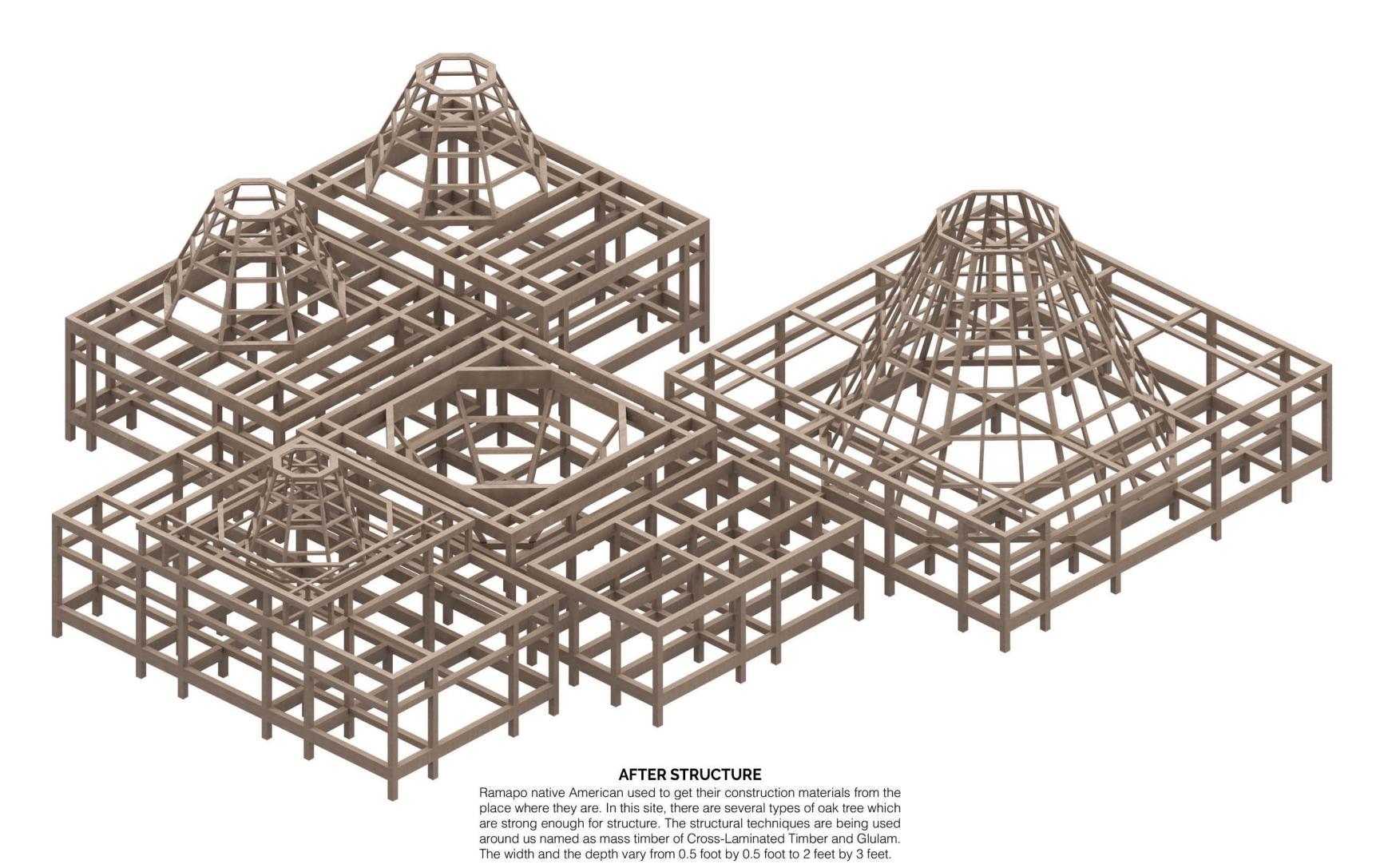
There are three exhibitions where each has its own theme such as artifacts and documents

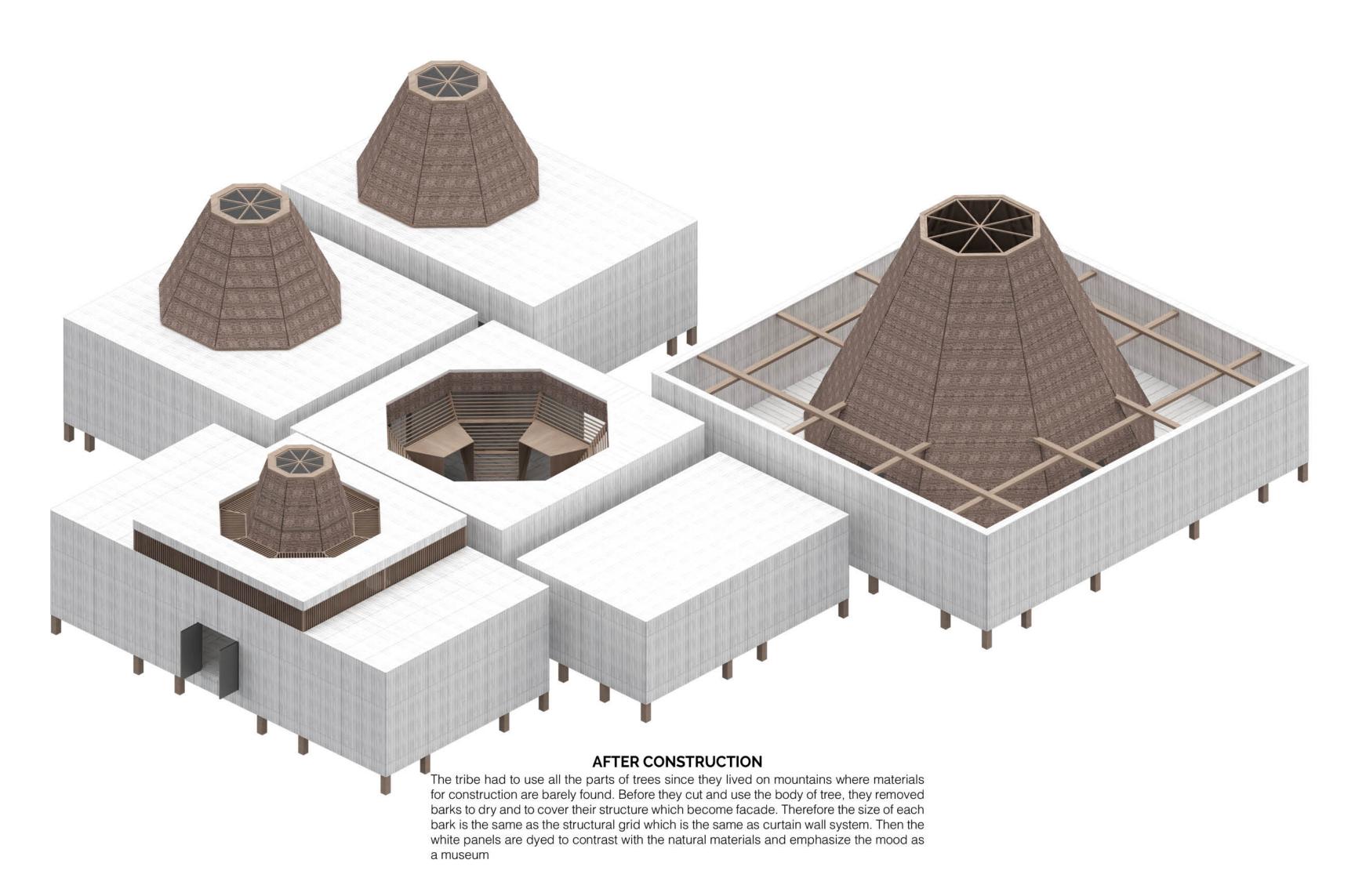




THE CENTER

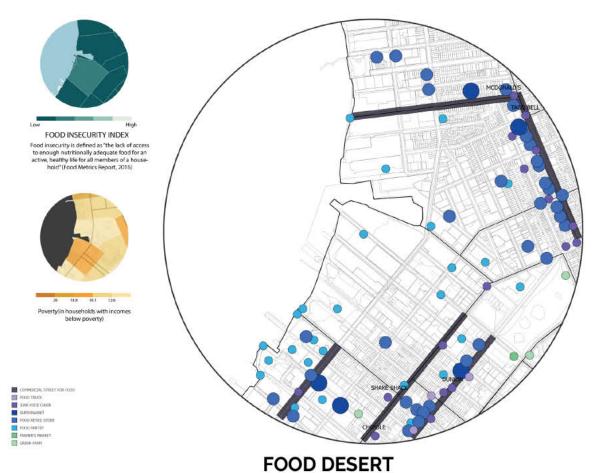
Wind, rain, snow, and sunlight get inside without a cover



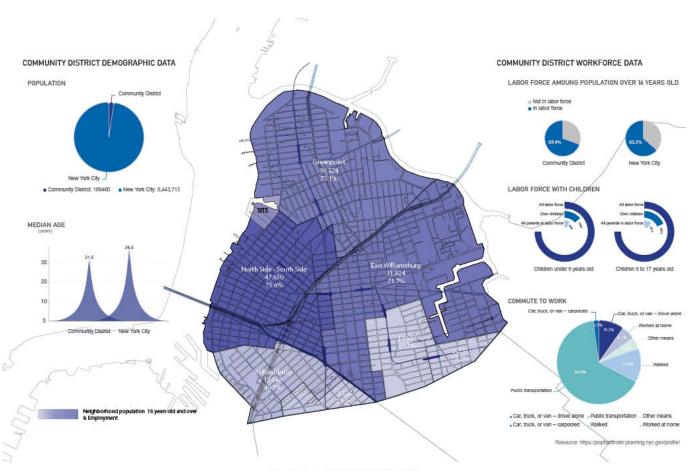






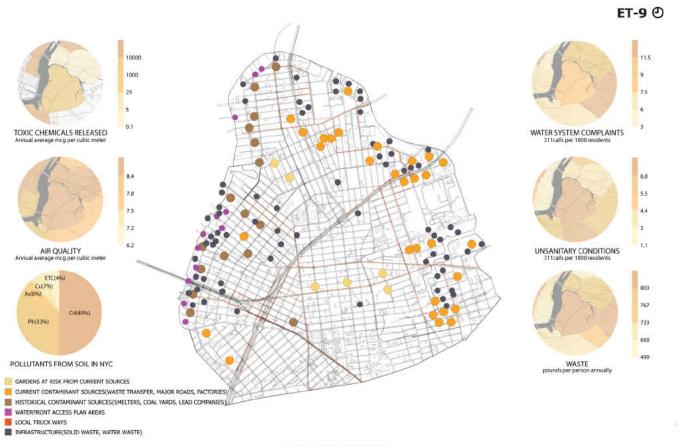


Even though we are living in an urban area, a lot of people in poverty have troubles with fresh food. The communities near Bushwick Inlet park are the same.



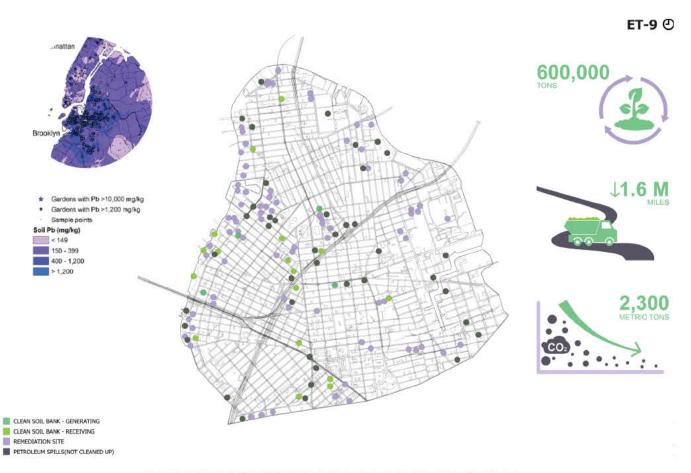
DEMOGRAPHICS

Compared to the other ares in Brooklyn, the area has a lot more young people who are seeking for a better food and interested in urban farming and local food.



SANITATION

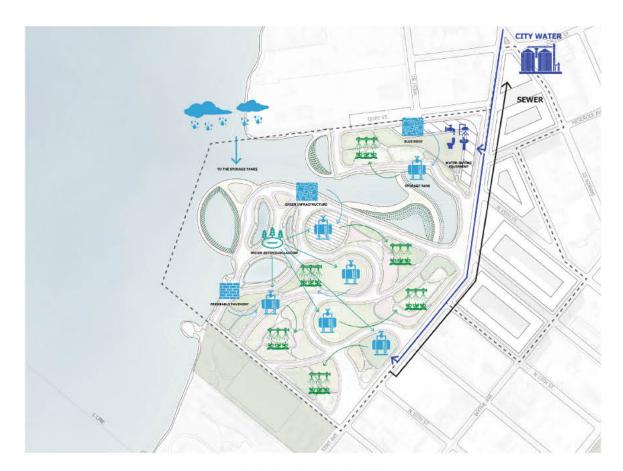
Related to old infrastructure, people are in trouble with sanitation. The area has been getting worse and worse.



SOIL DISTRIBUTION FOR LOCAL FARMING

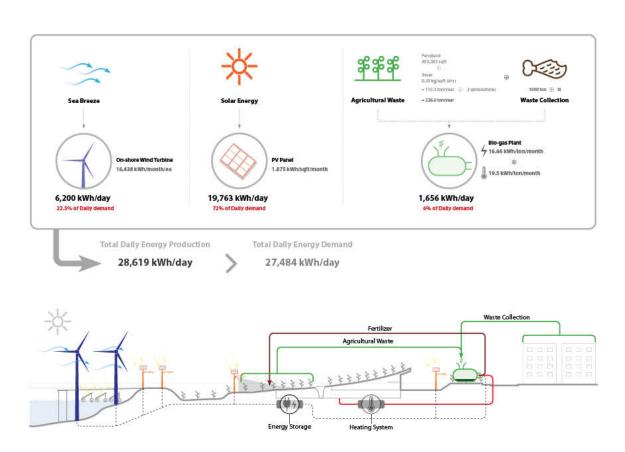
By distributing fresh soil to the communities where urban farming is happening, it is a long-term plan to gradually provide fresh food to people.





WATER SYSTEM

There more sophisticated water systems should be added to supply farms as well as the other programs such as restaurants and housings. The intention was to maximize water resue to redue the water demand in the park.



MOBILITY

Bushwick Inlet Park is composed of a range of diverse programming related to food. The bespoke movement of user ex-perience is essential to assure a park.



ENERGY SYSTEM

Bushiwick Edible Park's energy system mainly conisists of three types of energy pro-duction: Wind Energy, Solar Energy and Biomass Energy. From the climate study, ET-9 has found out that the site gets frequent wind from the East River and enough sunlight.



FOOD

The farming system is an edible perennial landscape scattered throughout the site and concentrated in a rose garden, second, fungiculture mushroom planting

INDEPENDENT RESEARCH

Finding new young contemporary artists and learning their thoughts and ideas into Architecture

Instructor: Marc Tsurumaki • Period: 2022.01 ~ 04

Art, A medium for Architecture

CONTEMPORARY ART

Types and Performance of Art to Architecture

Sculpture

Compared to other types of art, the most impressive characteristic of sculpture is to have diverse scales. Sometimes it takes just one square feet standing on ground, but some takes a whole building covering all facades depending on what it is intended for, which helps artists have more options for materials, places, and shapes. Secondly, this type of art has been actively divided into a few fields depending on whether it has practical functions or not such as sculpture, installation art, and furniture. The fact that sculpture is three dimensional objects and it has materiality makes it possible to be more closely connected to architecture. The trait that sculpture basically does not need to be functional encourages artists to try diverse forms and to express their ideas actively. Lastly, sculptors have less limitations of places where they want to put their projects and interconnect to nature such as wind, forest, and sunlight. Some are exhibited in the center of a park, some are standing in a desert which is a few hundreds miles away from a city. This led artists to be more experimental in bringing the concept of aging to their projects, while observing how their en materials change time by time.





Installation Art

On the one hand, sculpture has had its focus on forms and materials to show ideas of artists for thousands of years, installation art is a newly born concept that is less than 60 years old in the art industry. Its roots are based on Marcel Duchamp and his readymade exhibition. Compared to sculpture that has its own values on forms, materials, and elaboration, installation art emphasizes artists' intentions. These characteristics of installation art have blurred the boundaries between sculpture and architecture and have interconnected with contemporary architecture in terms of its start from intentions about what installation artists to three dimensional objects. More deeply, installation art has been divided into several groups. Among those groups, there is a new form of the art named as site specific art which takes consideration into the previous events and issues going on a specific site to attract people's attention. Considering that architects take care of time researching on sites, the methodologies of how artists see and interact with will be helpful for architects to diversify their ways to see a specific site.





pres Denes, Wheatfield, Manhattan, USA, 1

CONCLUSIONS

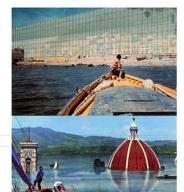
The Environment

Pristine Nature

In the architectural field, architects might be in conflicts and discussions. They have been aware of the seriousness of environmental destruction and have been trying to correct it as much as possible. However, in most cases, building architecture itself is one of the biggest parts that destroys the environment and nature. Under this circumstance, architects have been actively trying to minimize environmental destruction by covering nature on buildings or using more eco-friendly materials to decrease carbon footprint. However the number of lands that remain naturally around the world is gradually decreasing since architects are not the leading group for developing cities and lots, but real estate firms and gove who want to make more profits and to raise the economy and job opportunity. Therefore, it is certain that the lands remaining in their natural conditions around the world will be continuously decreasing more and more, meaning the lands that support buildings become less and less natural. Once the land is contaminated, it takes decades to recover, so Julian and Julius duo's project makes architects think that the most important thing is to try not to touch the underlying land. Their land and performance art shows a new notion that architects need to think of alternative suggestions to stop developing natural fields. Furthermore architects have to try to recess the used and contaminated land to its original natural form.

Architects can think of ways to absorb new needs by reusing existing cities and buildings without having to widen them, starting with the idea of how to do little harm to the land.

Visualized Assumption of the Future



In the 1970s, there were many discussions about what would become of cities and architecture through assumptions about the future environment which influenced many modern architects through drawings and home projects. However, the works of the super studio, which depicted the future of losing a place to live in a new structure due to human activities, lost the meaning behind it and simply conveyed its form, forming a part of the formative framework of modern architecture. This is because the future assumed by the super studio did not progress at all at the time. Therefore, the meanings of the works that came out through their thoughts were not conveyed to modern times. Rem Koolhaas, who was inspired by their work, also said that they started it because they thought it would be cool to actually build their work, but their thoughts on meaning are not much revealed in his work. Over time, however, super-studio homes have been going the same way in recent years, and the land where people live has begun to narrow down more quickly. Superstudio homes that were created 50 years ago now have a meaning to be revived. Timo Aho and Pekka Niittyvirta's this amazing installation also brings an old artist group, Super Studio which was an architectural firm, founded in 1966 in Florence, Italy by Adolfo Natalini and Cristiano Toraldo di Francia. At that time, instead of showing real architecture, they focused more on the radical architecture and design movement of the late 1960s by creating a series of films in order to raise awareness of the harmful impact of construction

on the natural environment. Even though Rem Koolhaas used Super Studio's artworks to his buildings as Rem said that it would be great to build in cities, the artists collective inspiration was a serious flood happened to Venice which made them think about over-development and environmental destructions. So their collage images were showing a dystopian future where people are living in a huge infrastructure, taking food from the grid. These days, the sea level rise has been more serious issues and as we all know, the architectural fields have the main responsibility for it. However, contemporary architects seem not to express their anxiety in their projects. And actually, architects don't have as much freedom as artists who are freer to use materials, sites, and budgets. Nonetheless, architects are still finding how they can treat the climate change that humans are facing and warn the world by using their buildings. Timo Aho and Pekka Niittyvirta are giving an interesting idea for designs that could show an alarm of the climate change, Despite the tremendous amount of effort, new developing countries are emerging, and energy consumption and global warming are constantly occurring. Once again, it is time for architects to think about the negative future ahead. This means that new architectural acts different from those that have been performed by all generations of architects should be discussed. This will be done through new approaches, forms, and conversion of ideas

CONTEMPORARY ARTISTS

Site-specific Art + Painting





Born in 1974





Even though some of the homes were demolished after she painted the colors, the pictures taken are remaining, giving a new notion that reproduced colors can preserve specific memories and, by painting spaces with the colors, the homes become the community's memorials in that area. Even though colors have been the common tool for artists, Amanda's Color(ed) Theory has its own specialties in terms of inverting new colors by reflecting the black community's multilayerized cultures and applying those to the abandoned homes which are three dimensional spaces where the local people were living as well. When Amanda painted the colors to the abandoned houses, those became three dimensional memories itself. In this project, the cultures and the behaviors of the local people were expressed as each color that reminds of the previous memories which were also invisible and abstract. Amanda visualized the multistratified memories and painted at the featureless homes which were three dimensional forms. Then the abandoned homes became a memorial space with each color.

Young Contemporary Artists

Michael Elmgreen Sarah Sze Rayyane Tabet Timo Aho and Pekka Niittyvirta Ilit Azoulay Carlito Carvalhosa Eva Rothschild Ivan Navarro Ruben Ochoa Marcos Acosta Tadao Cern Park Mcarthu Patrick Staff Pierre Huyghe Julian Charrière Julius Von Bismarck Doug Aitken **Brendan Fernande** Petrit Halilaj Kapwani Kiwanga Haroon Mirza Otobong Nkanga Jose Dávila Random International Anna Borgman and Candy Lenk

Old Contemporary Artists

Michael Heizer Dan Graham Donald Judd Chiharu Shiota James Wines Richard Long Andy Goldworth Martin Hill and Philippa Jones Nancy Holt **Bob Gramsma** Alberto Burri Cornelia Parker Richard Serra Ann Hamilton Mona Hatoum Not Vital Nobuo Sekine Carlos Cruz Diez Rachel Whitereas

