

Shuhan Fang
*Master of Science
in Advanced
Architectural
Design 2023*

GSAAP
Columbia University

01

Reproductive Justice: Back of House

02

Renew Community Garden

03

Tying: connection with tape in patchwork world

04

A Spatial Evaluation of House Price Disparities

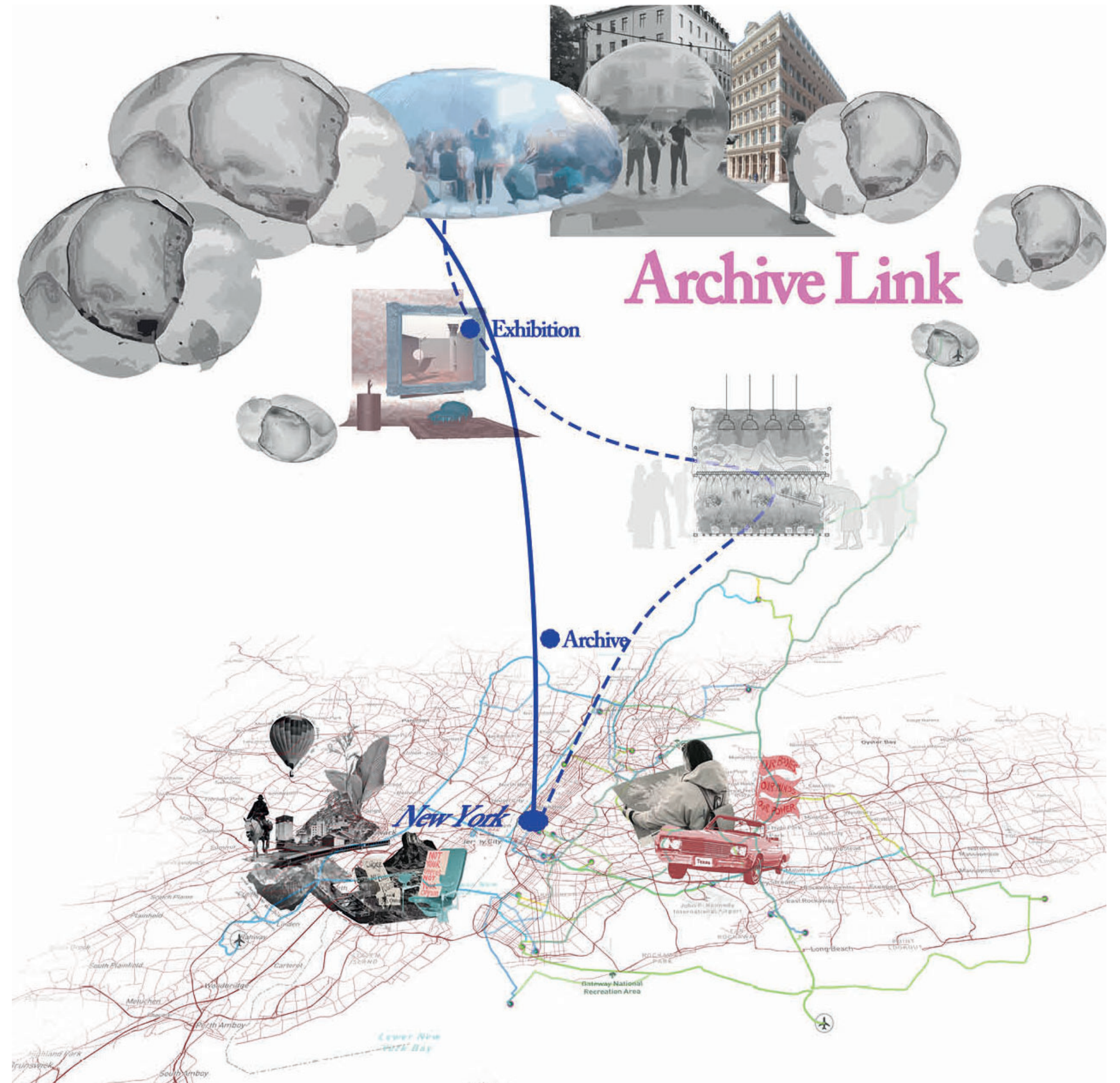
01 Back of House

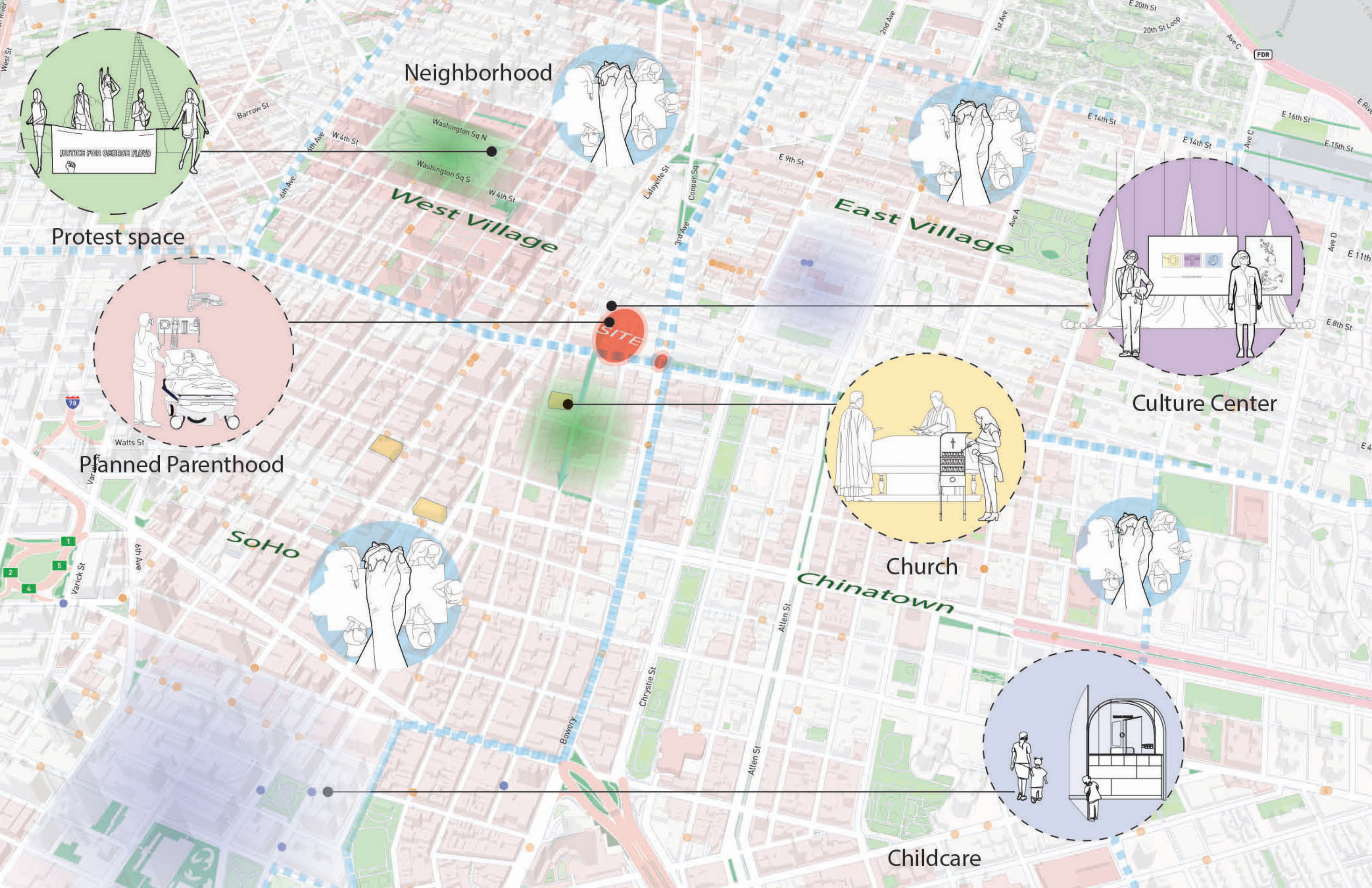
Fall 2022
Instructor: Bryony Roberts

Location: New York, NY

The project will have an impact on the entire reproductive network, as out-of-state abortionists come to Planned Parenthood in New York for help, where they can not only receive excellent health care but also take away things from the archive space, such as pamphlets on fertility care, reproductive justice perspectives, abortion care, and even a medical kit. On their way back, they may meet someone who also needs help, and then they can share what they brought from the Planned Parenthood archives, forming a chain of mutual aid through the power of women.

And I redefine the reproductive archive, the form of the archive is unconventional, the irregular surface shaped by the house becomes the exhibition space in which the archive can be viewed, touched, exhibited and smelled through the shape, material and color of the housing.





Neighborhood

Protest space

Planned Parenthood

Church

Culture Center

Childcare

SITE

West Village

East Village

SoHo

Chinatown

Barrow St

Washington Sq N

Washington Sq S

4th Ave

W 4th St

6th Ave

W 4th St

E 9th St

Lafayette St

Cooper Sq

3rd Ave

E 14th St

E 14th St

E 16th St

E 15th St

Watts St

78

Varrick St

6th Ave

Varrick St

SoHo

Bowery

Chrystie St

Allen St

Allen St

E 20th St

20th St Loop

Ave C

FDR

E 16th St

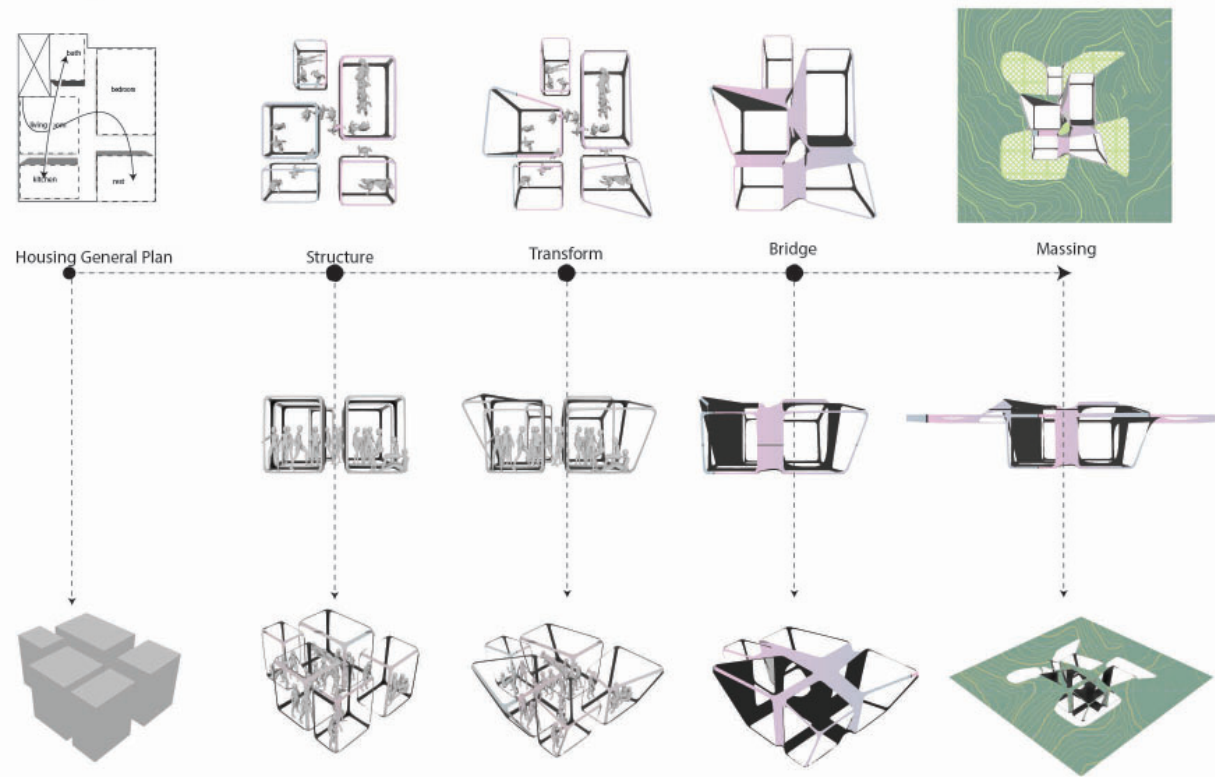
E 15th St


E 11th St

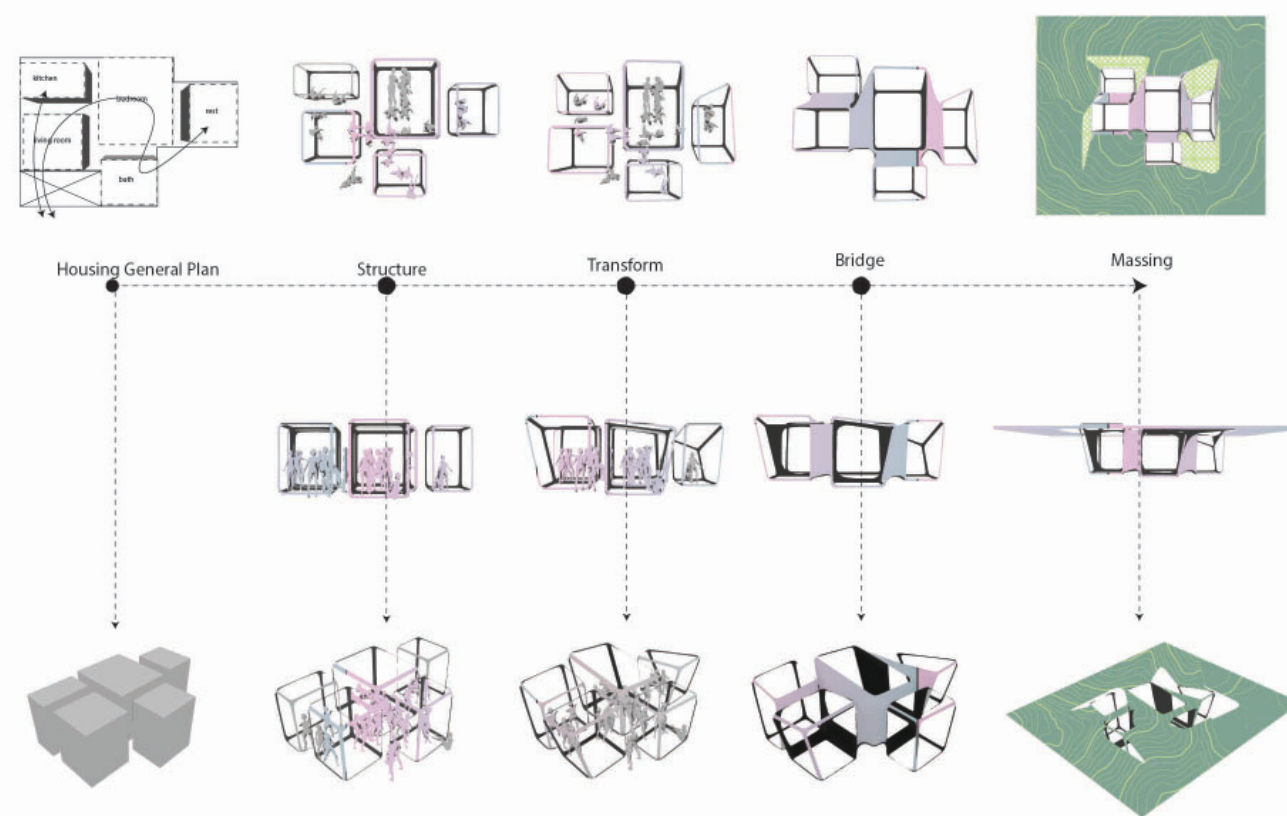
E 8th St


E 4th St

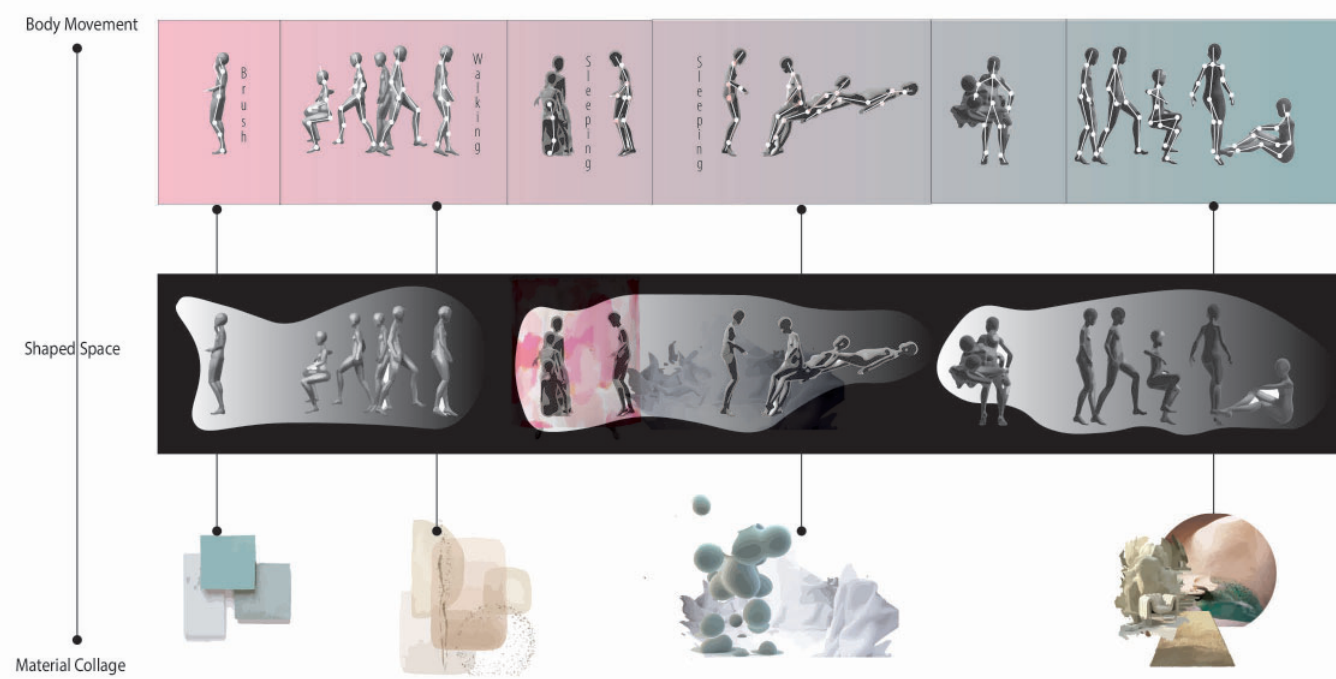
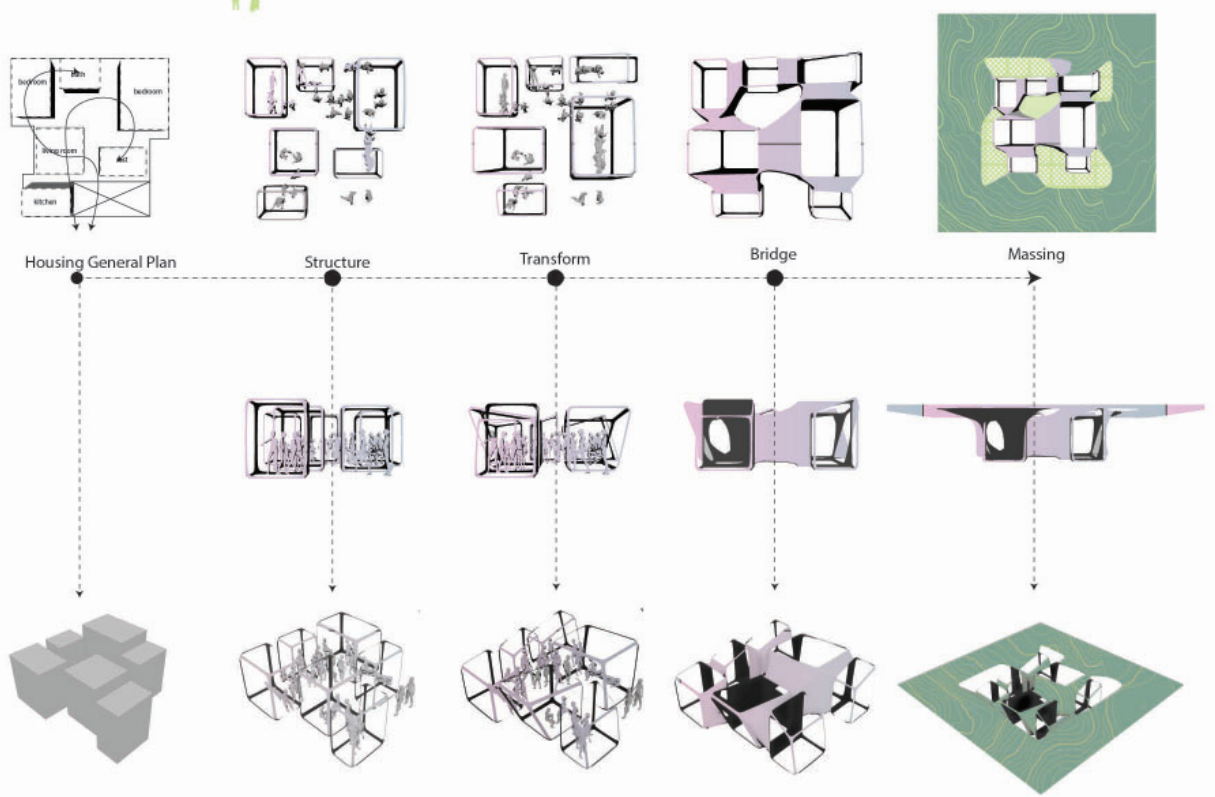
Single 



Two-size with Partner 



Two-size with kid 



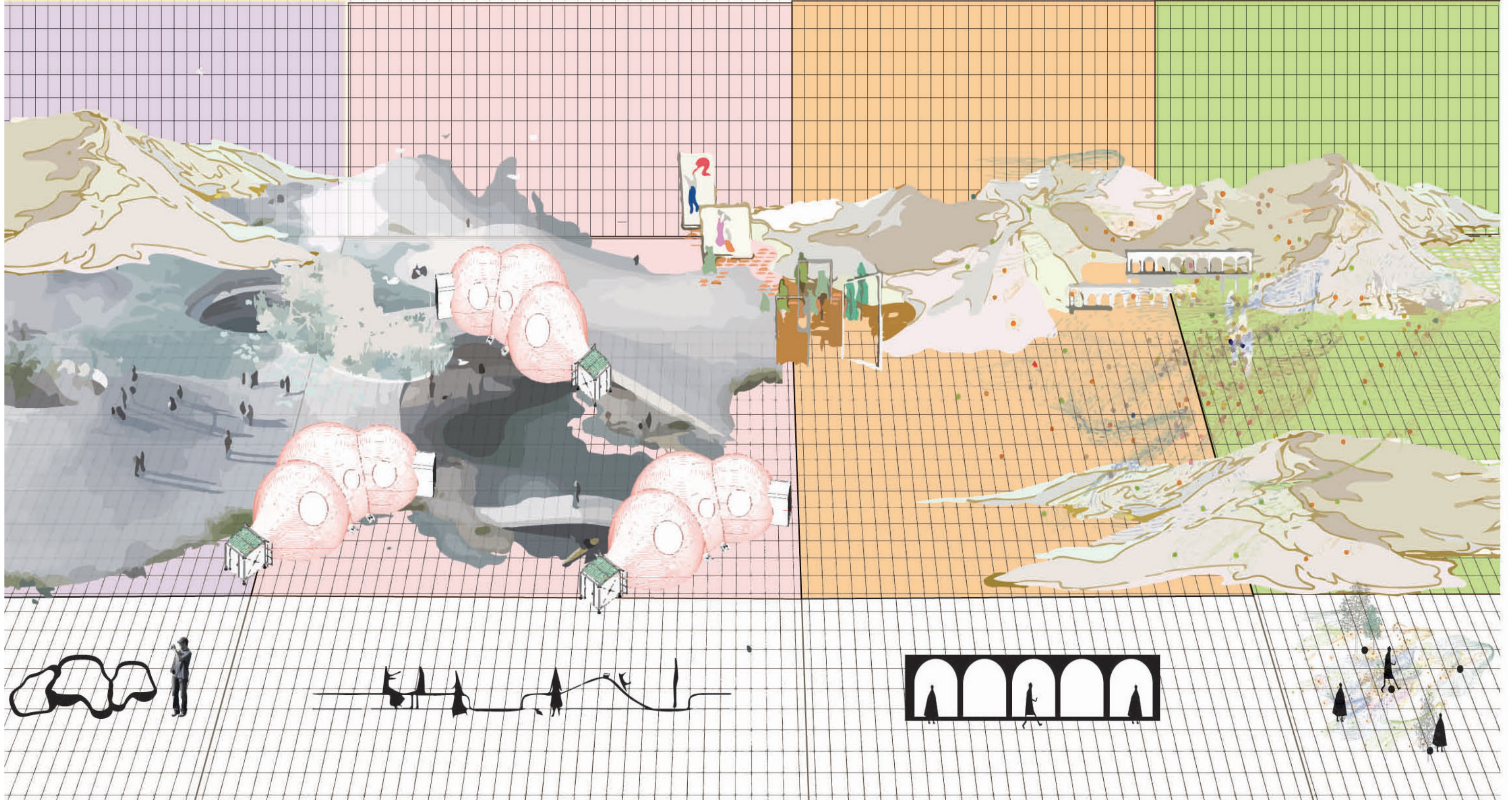
Archive · Landscape

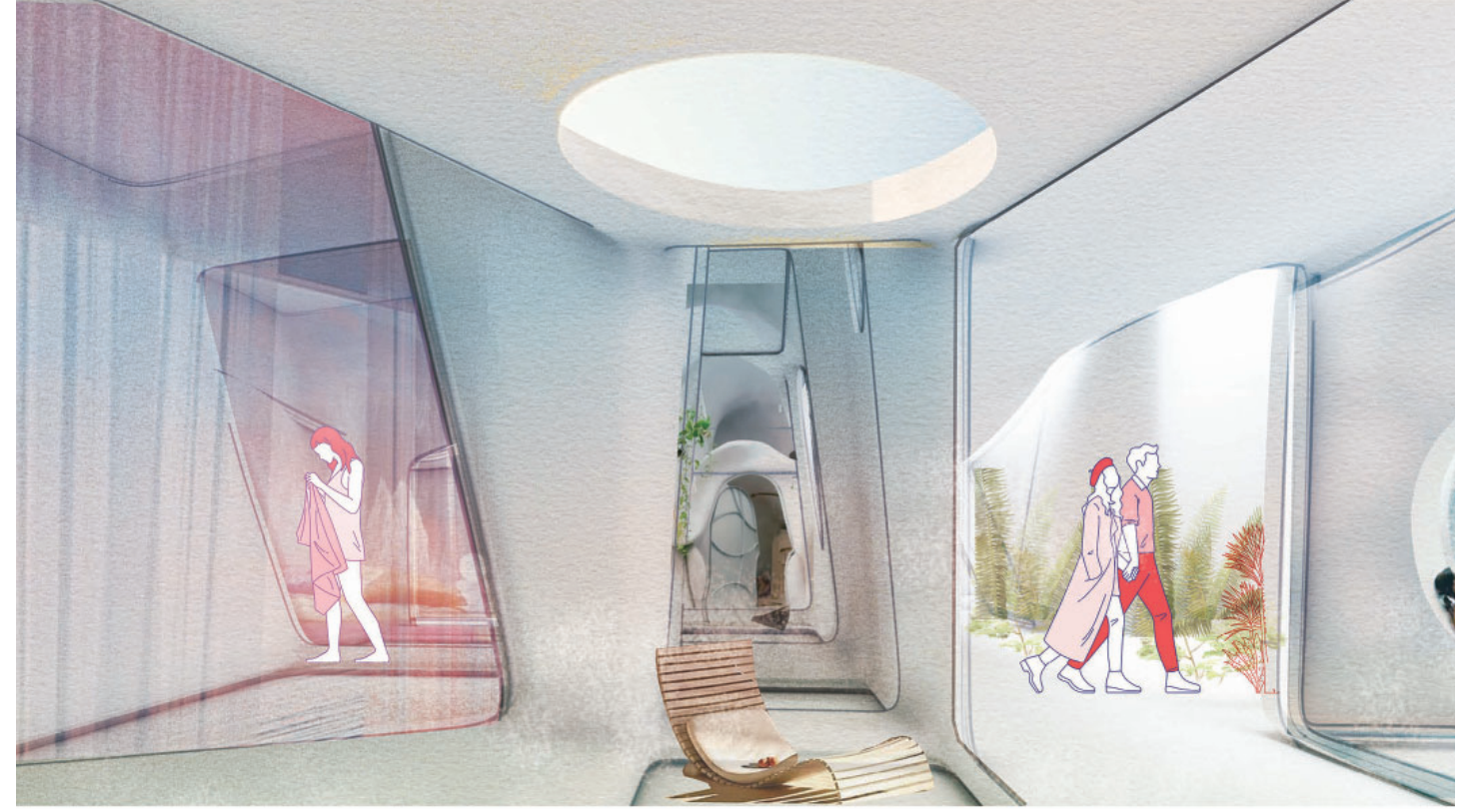
View

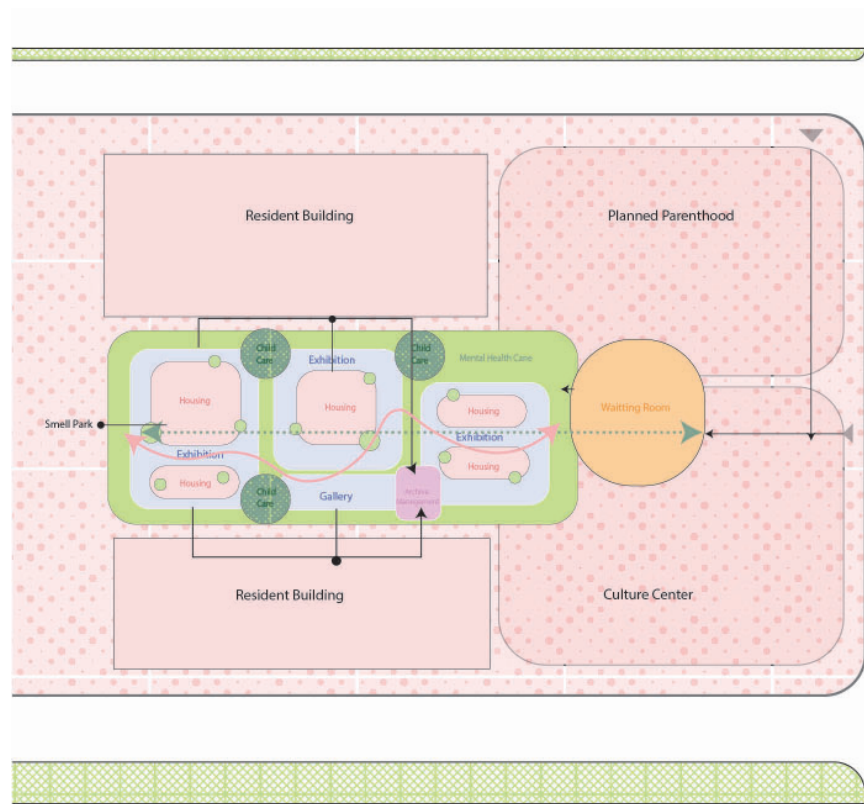
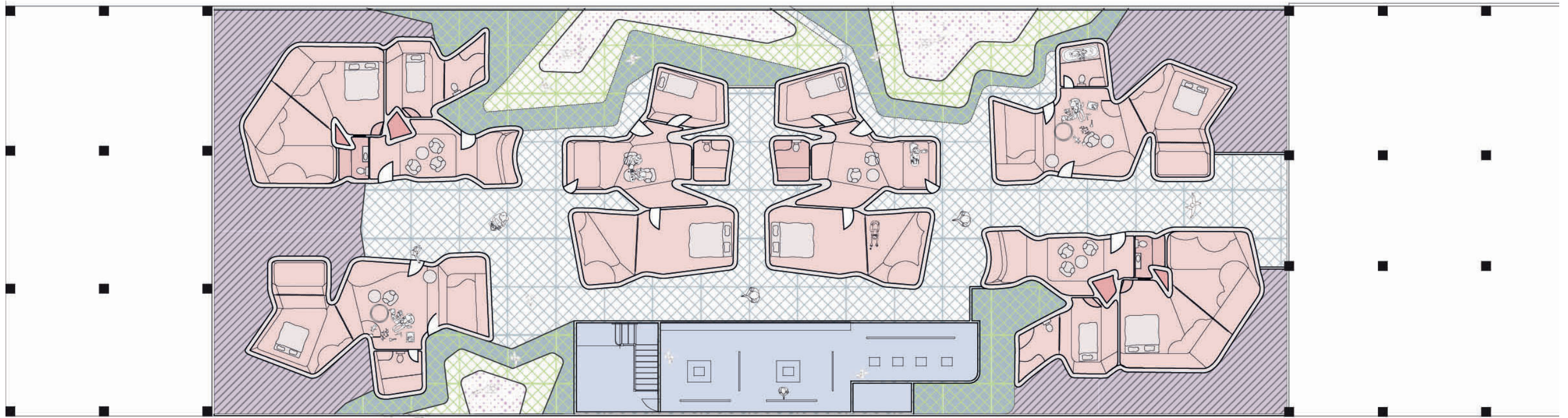
Touch

Exhibit

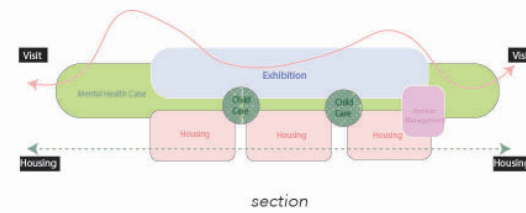
Smell







Program of Network



The project will have an impact on the entire reproductive network, as out-of-state abortionists come to Planned Parenthood in New York for help, where they can not only receive excellent health care but also take away things from the archive space, such as pamphlets on fertility care, reproductive justice perspectives, abortion care, and even a medical kit. On their way back, they may meet someone who also needs help, and then they can share what they brought from the Planned Parenthood archives, forming a chain of mutual aid through the power of women.

And I redefine the reproductive archive, the form of the archive is unconventional, the irregular surface shaped by the house becomes the exhibition space in which the archive can be viewed, touched, exhibited and smelled through the shape, material and color of the housing.



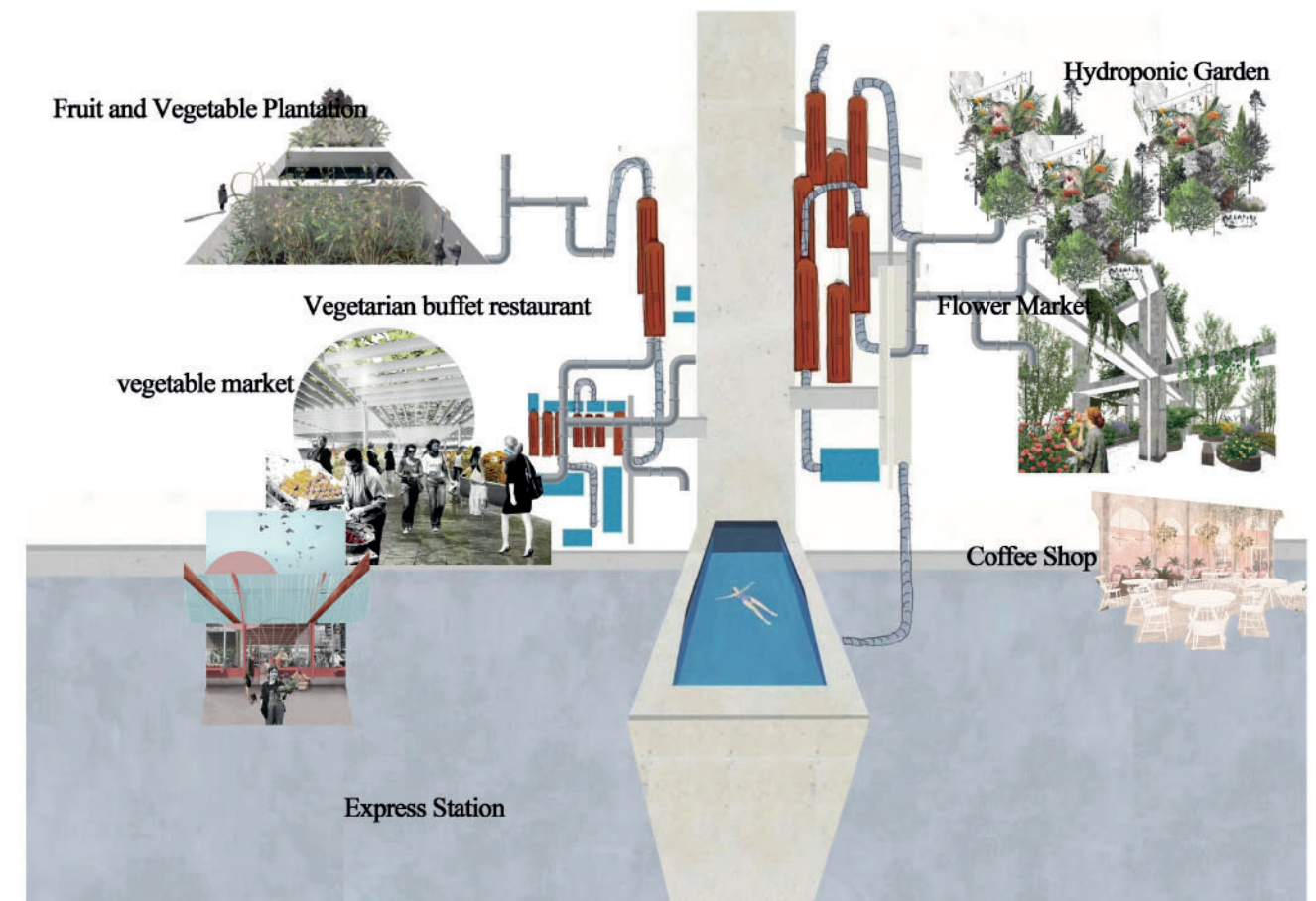
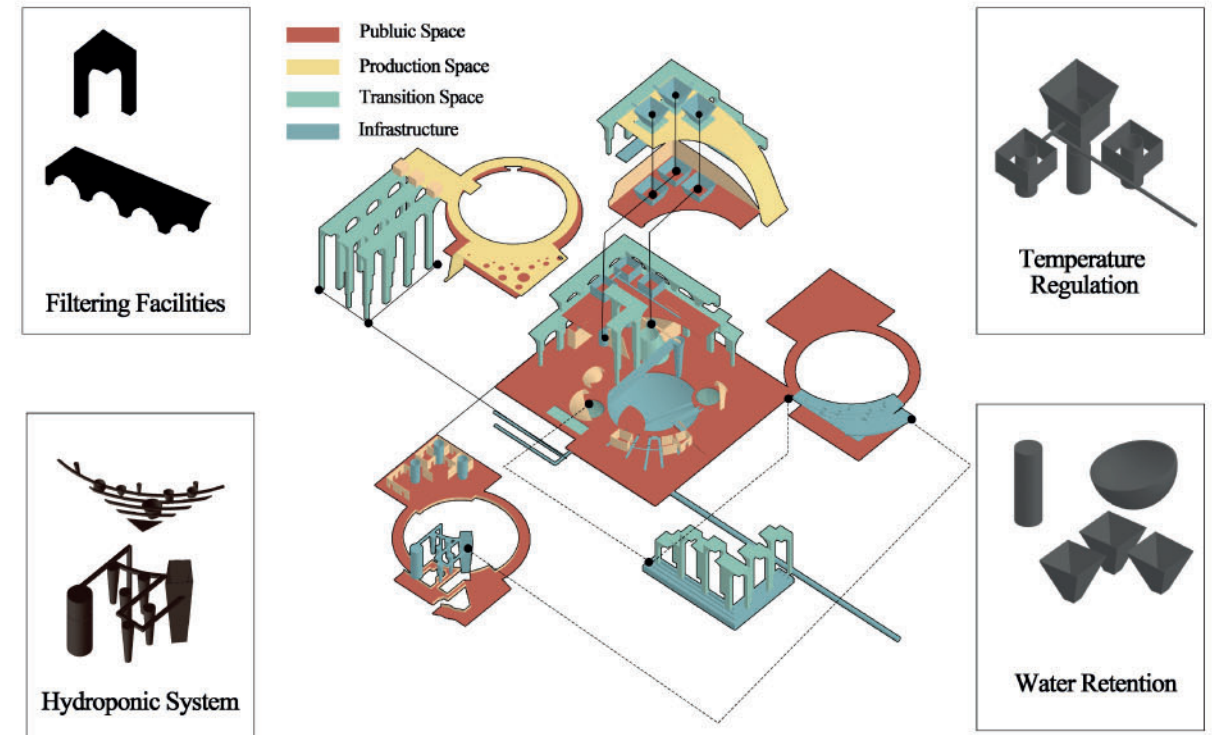
02 Renew Community Garden

Summer 2022
Instructor: Dan Wood

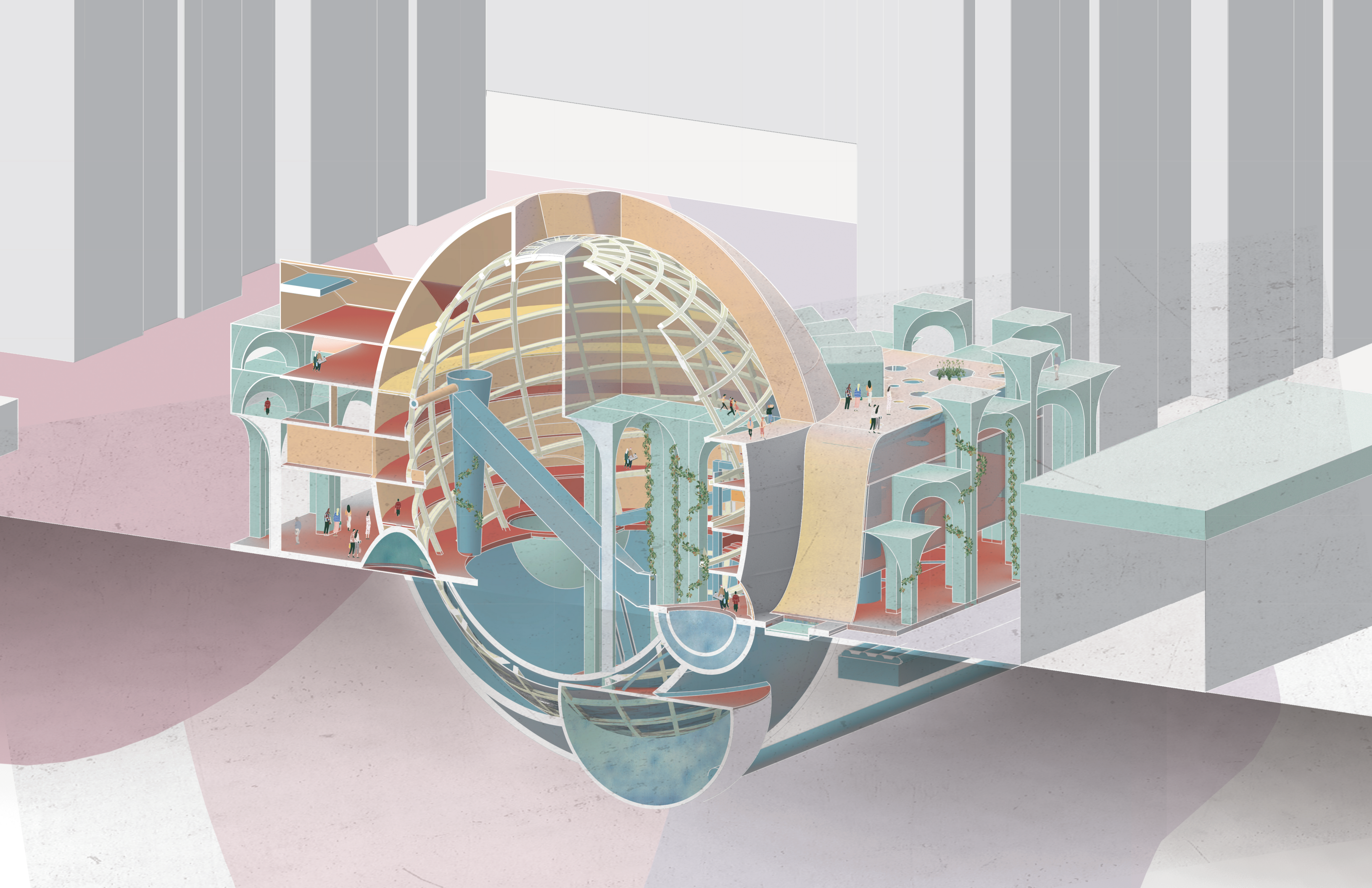
Location: New York, NY

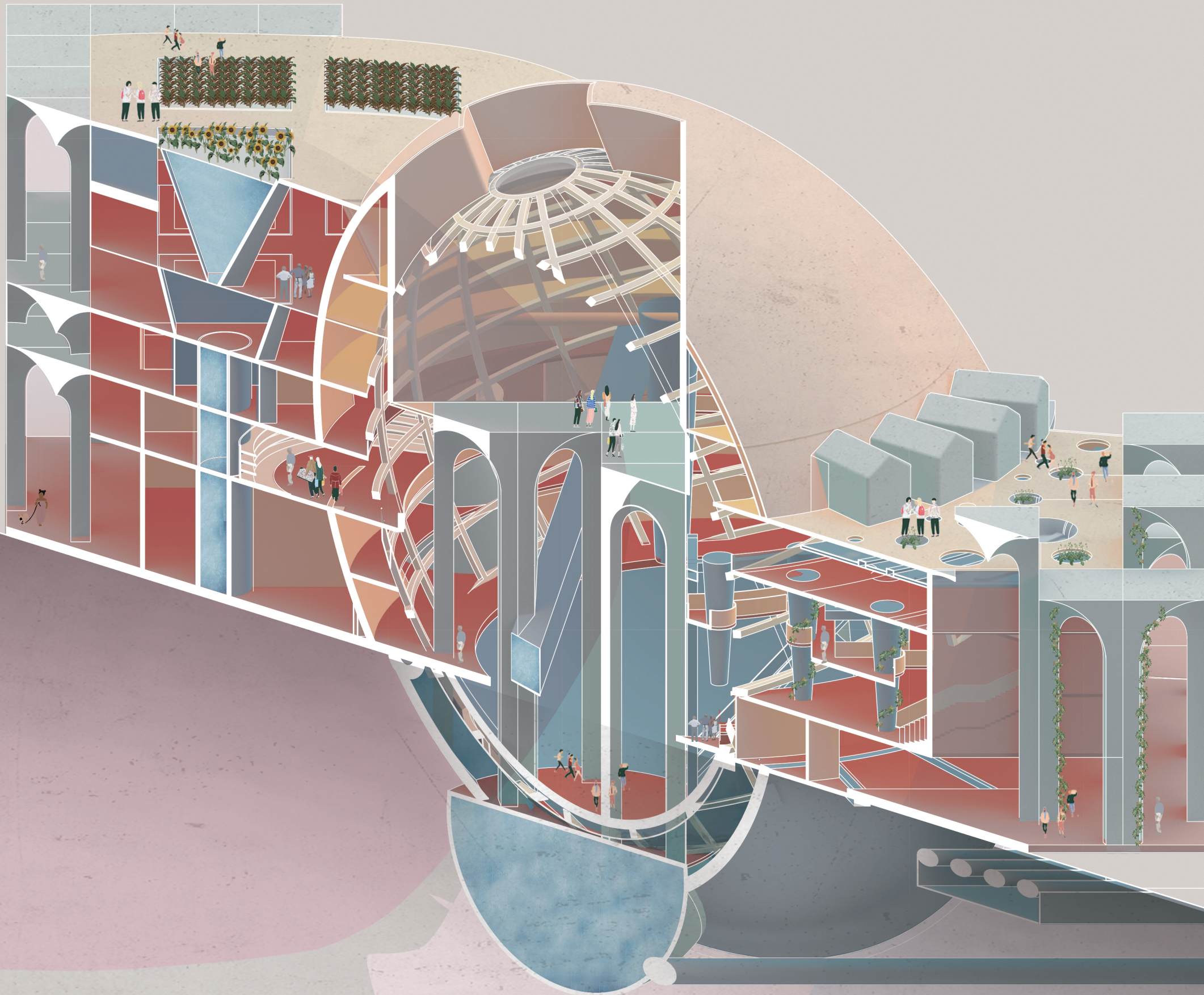
This project re-thinks the public space and private space of community gardens in New York by integrating water facilities. The community garden is one of the greatest public open spaces, and its emergence through community-driven initiatives is an interesting phenomenon, but the existing garden usually just a plot of grass — outdoor space. I tried to expand the community's drive by creating a new form of a community garden.

In this new garden, reservoirs and water facilities was taken as the core and define different functions through water. Functions are based on community needs and mainly comprise planting of vegetables, fruits, etc. and trading processes related to the harvest. The marketplace takes water as its core; dynamic processes take place due to the water's buoyancy.









03 'TYING: CONNECTION WITH TAPE IN PATCHWORK WORLD

Spring 2023

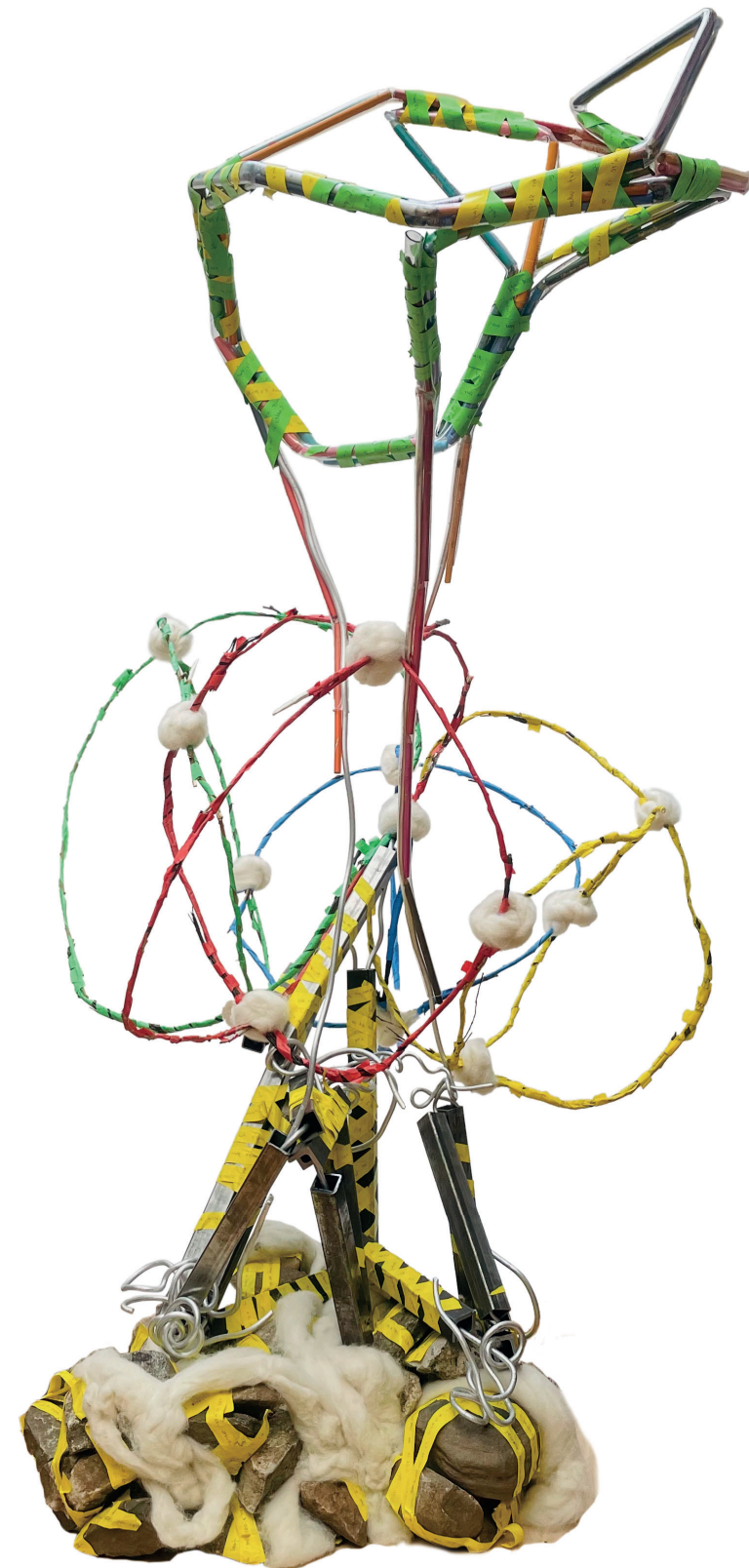
Instructor: Ada Tolla & Giuseppe Lignano

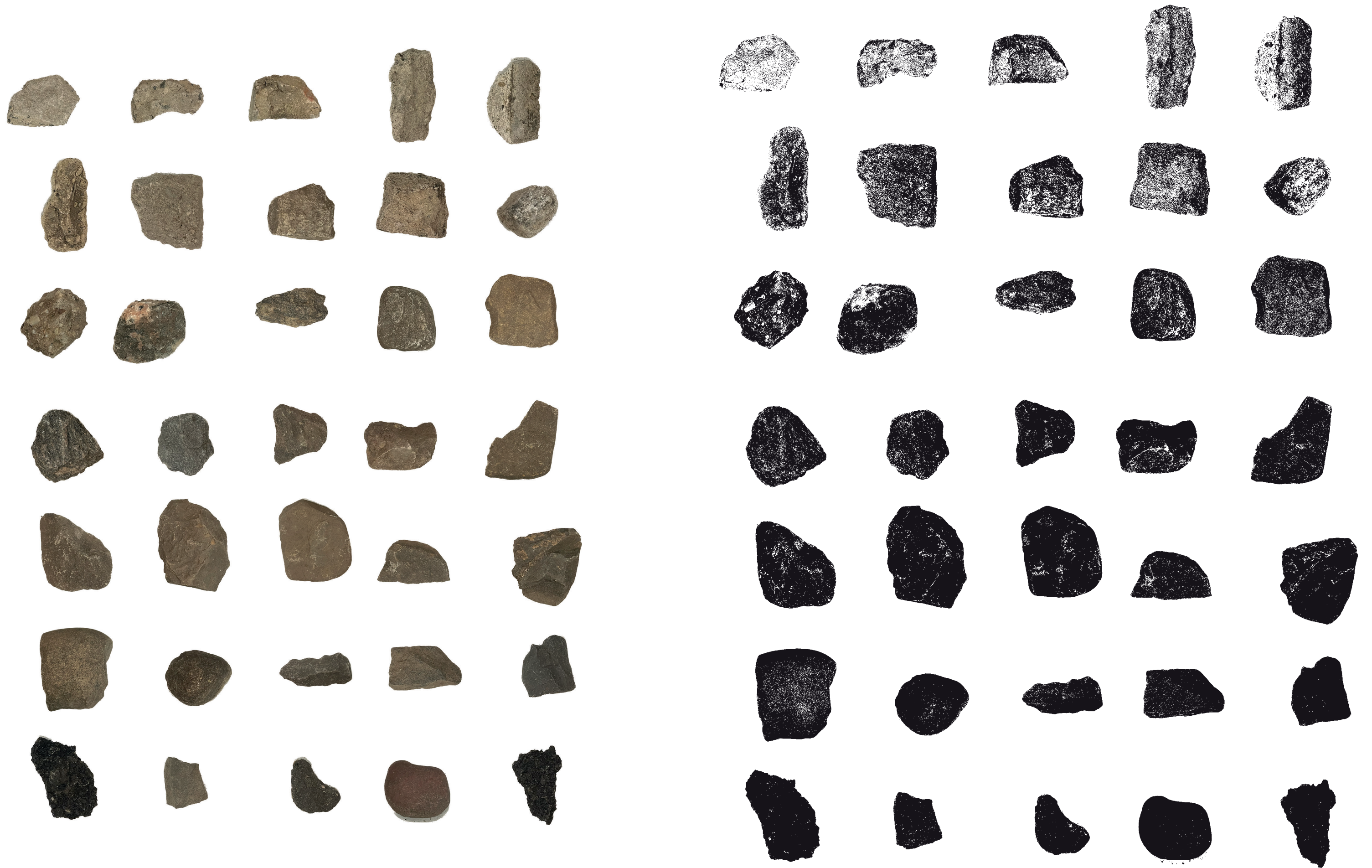
This is a memoir about me, about my 24 years of memories, about beginnings, growth, faith and love.

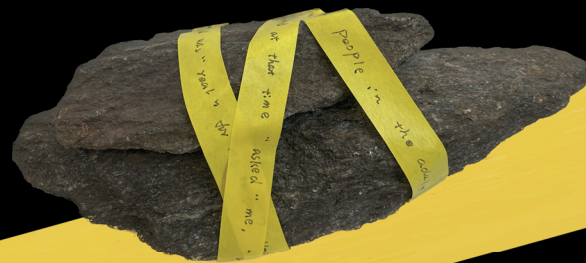
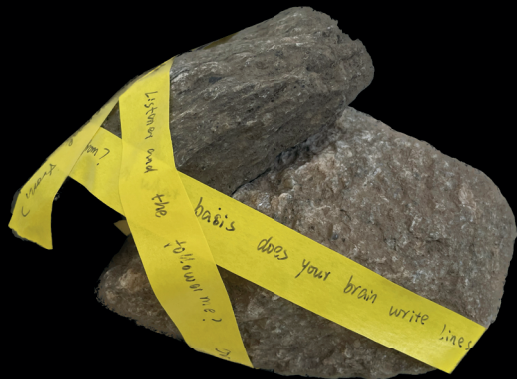
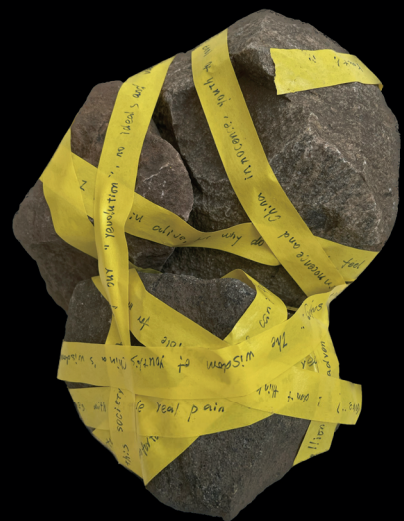
These conversations and reflections are written in poetry, recorded on tape, and entwined in material that can be seen and touched.

I grew up in China for 23 years, and last year I left China for New York, and I thought I should leave something here. What is it? Possibly some routines, some muddled thinking, some difficult ideas, and some challenges...Perhaps there are certain Chinese terms that don't make sense to me since they don't fit the English mentality, my native tongue, or the field I spent six years learning about.

Not only can I enjoy the entirety of my book, but so can others. It has a lot of words on it, but it also has a lot of different colors and materials, geometric shapes, points of light, and varying degrees of shadow. Many people interpret the same text differently because they read it in different order and with different reading styles.







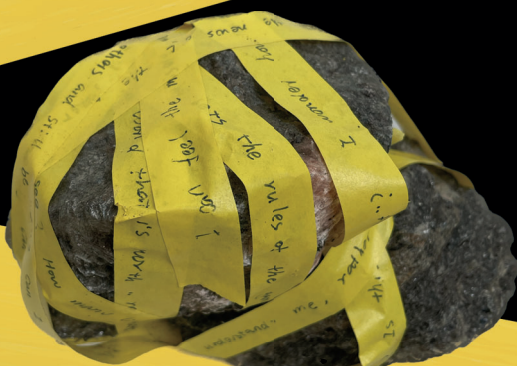
Where did I come

“我从哪里来？”

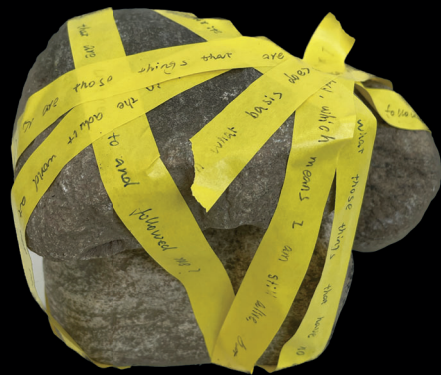
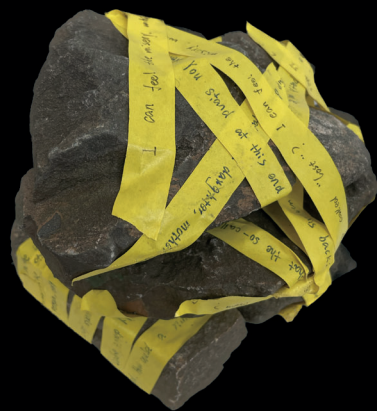


那些没有棱角和凌乱的东西是什么？”

What are those things

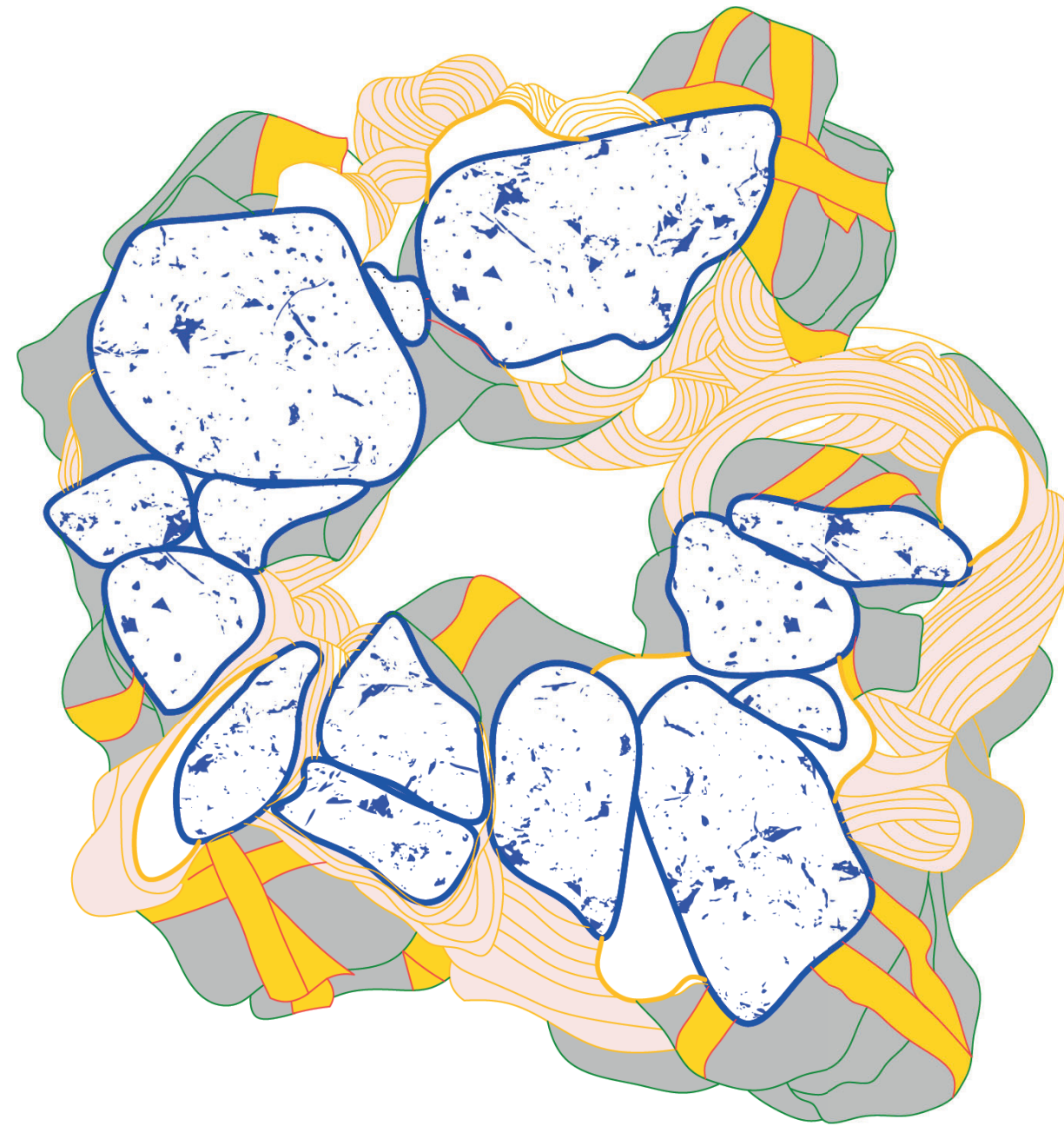


without angles and clutter?

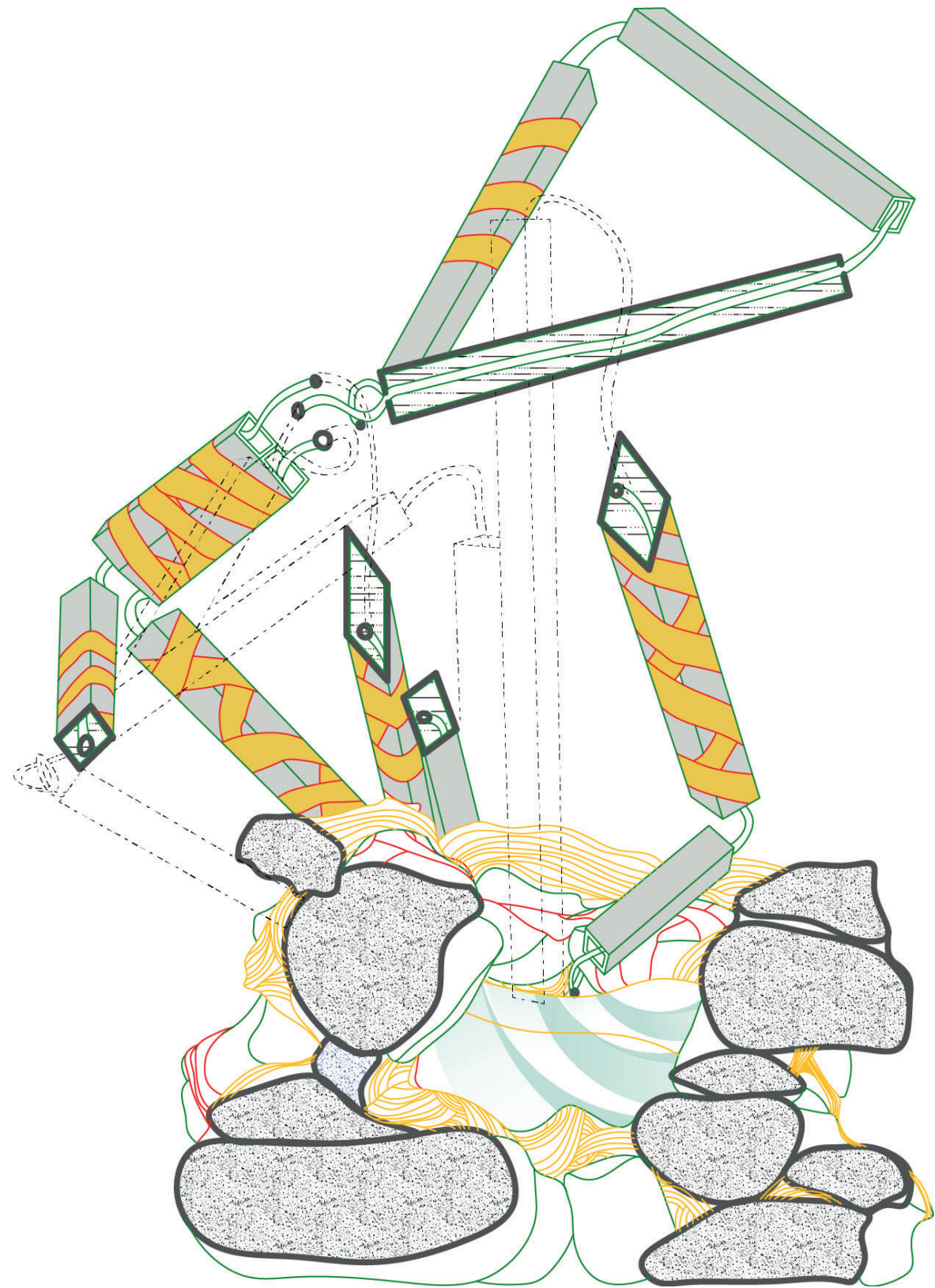


Can I leave the land, the sky, the sun, the moon and the stars
and still be "I"?
“我” “能否离开土地、天空、太阳、月亮和星星而仍然是 “我” ?

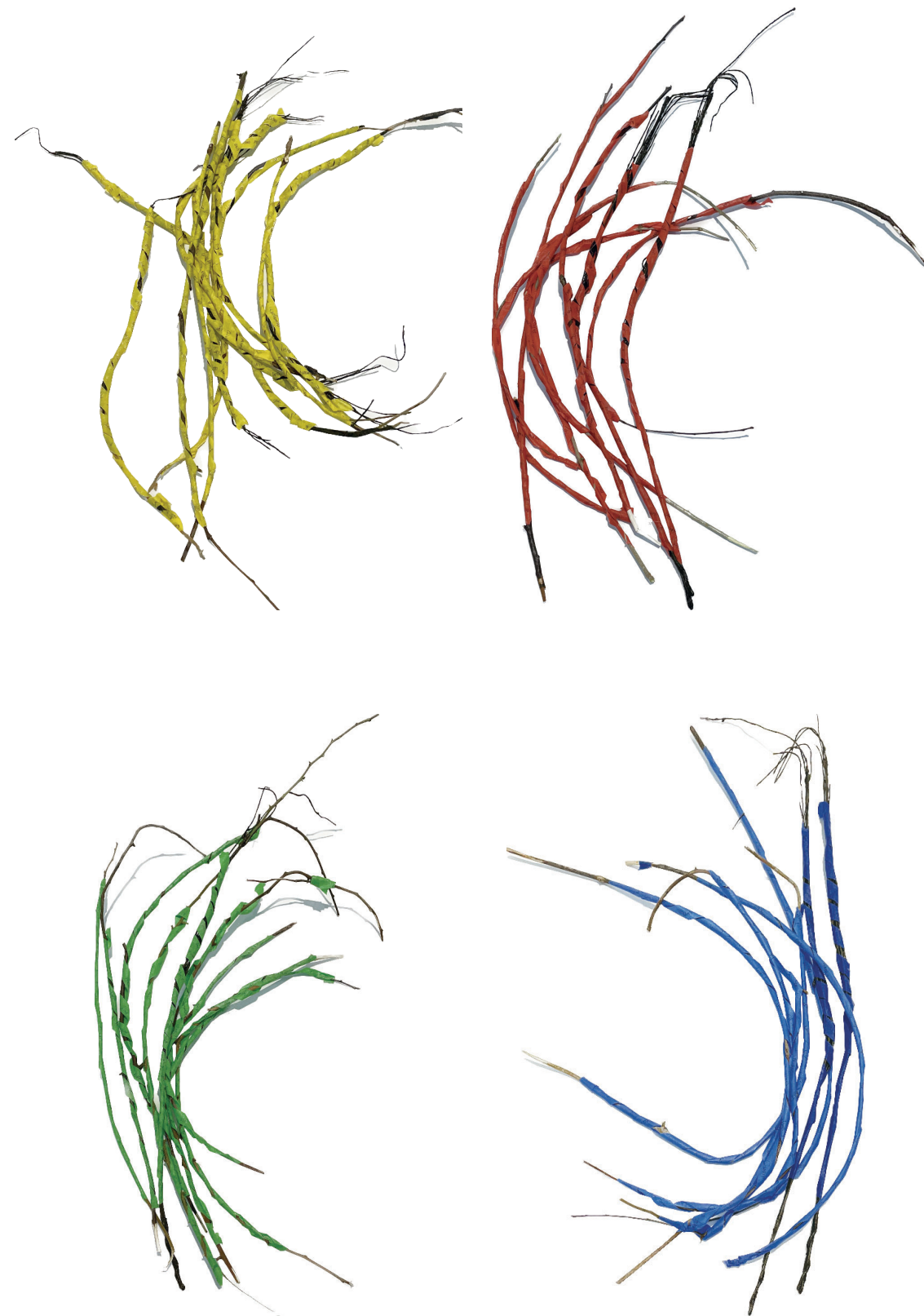
A



A







INDIVIDUALS

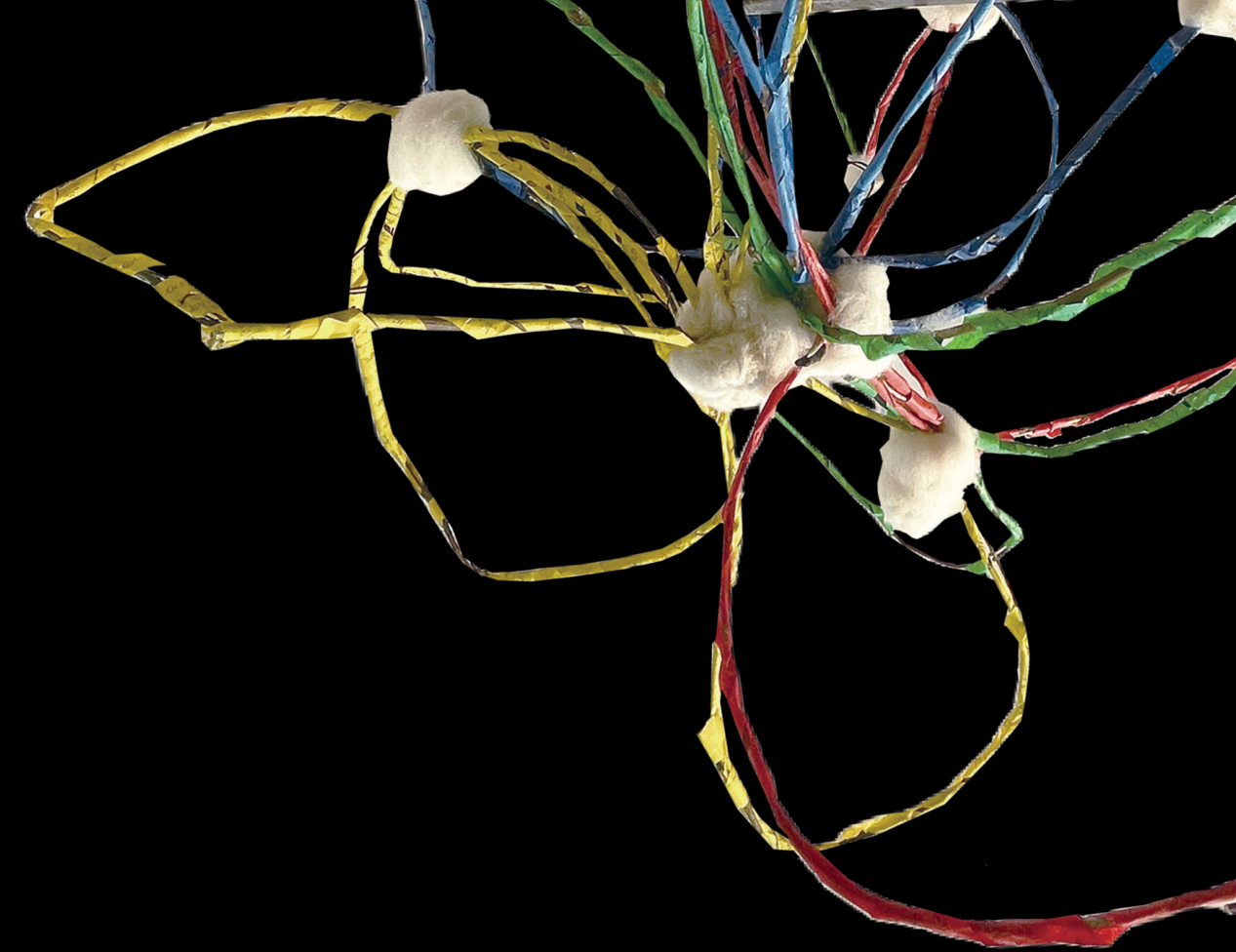
Taking my direction from the plastic piece, I taped together all of the matching branches to make **one continuous** strip, and at that point, the **four family members' desires** stood out from the **nine wishes** of each individual.

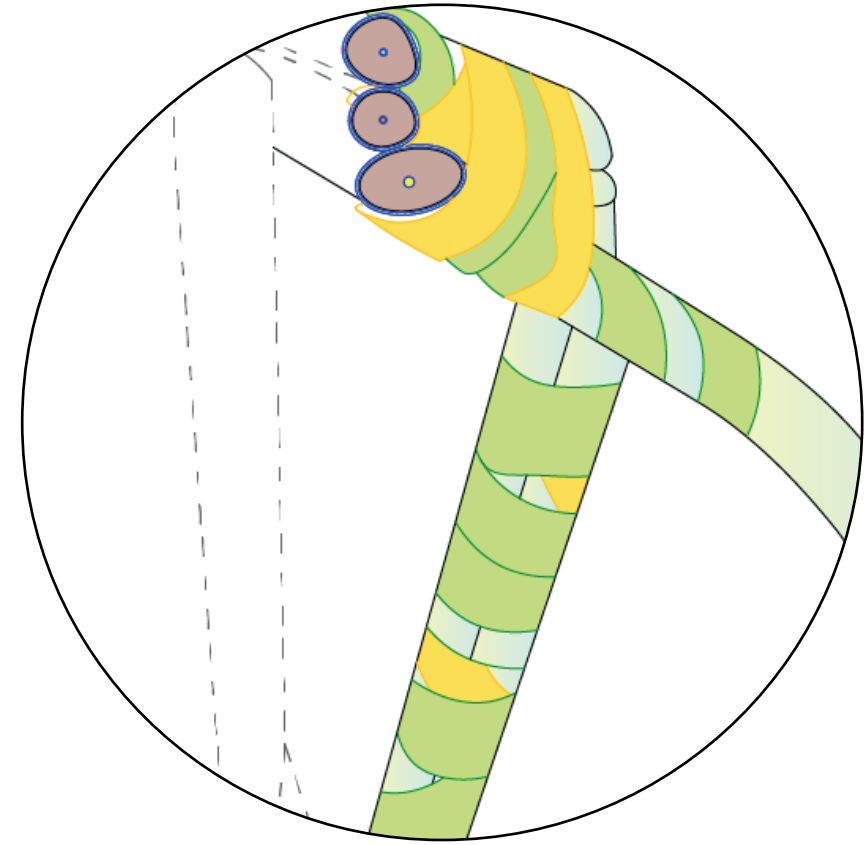


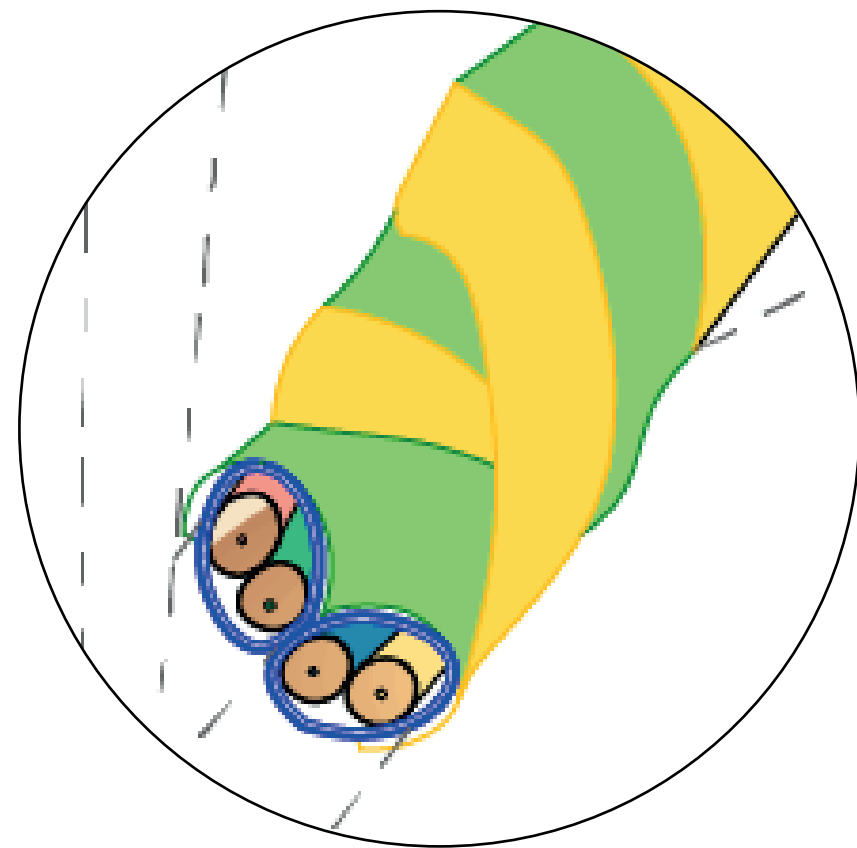
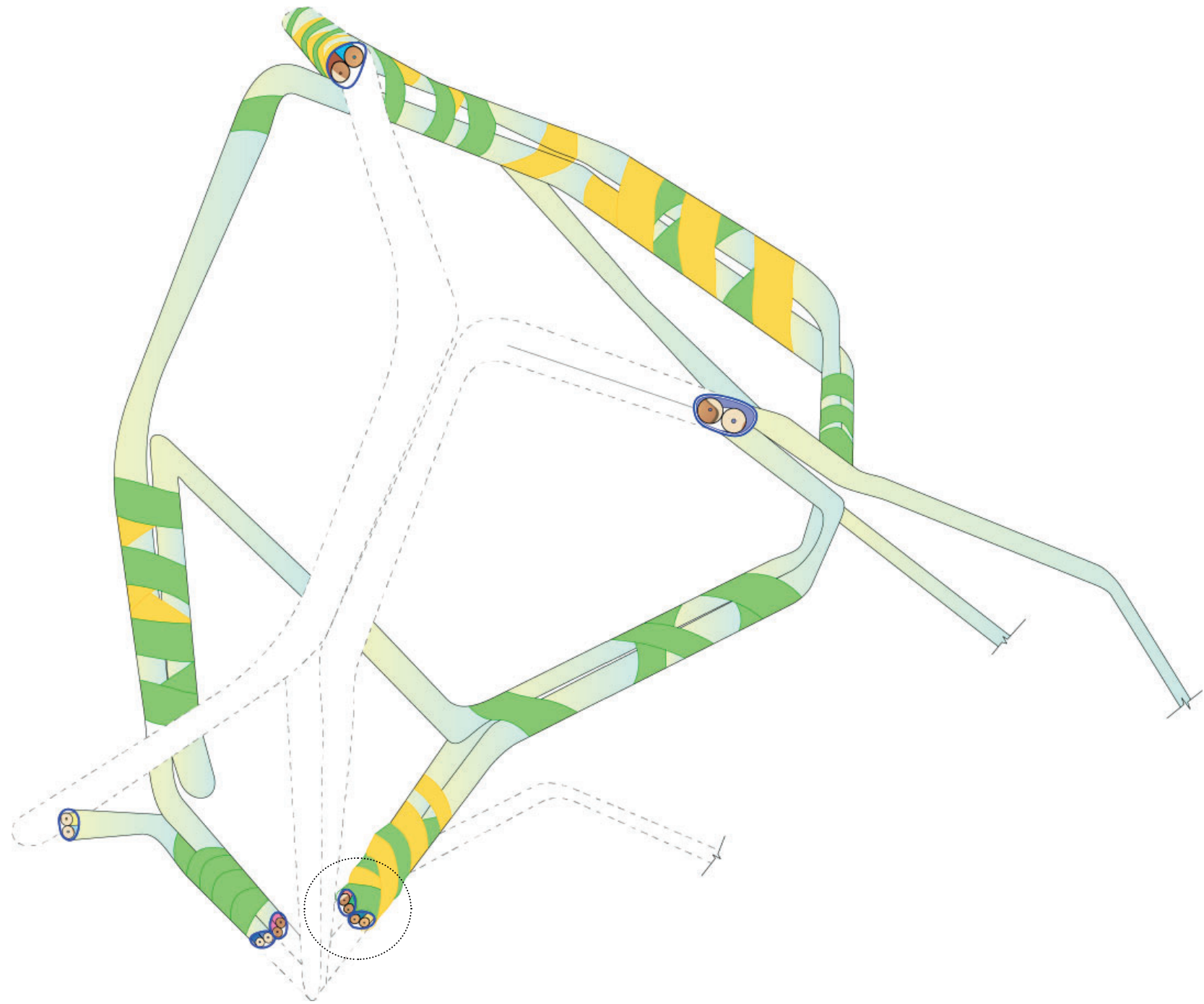
I hope
Dad takes
care of his
health and
his trip
to Jiangxi
goes well.
Grandma's
sur

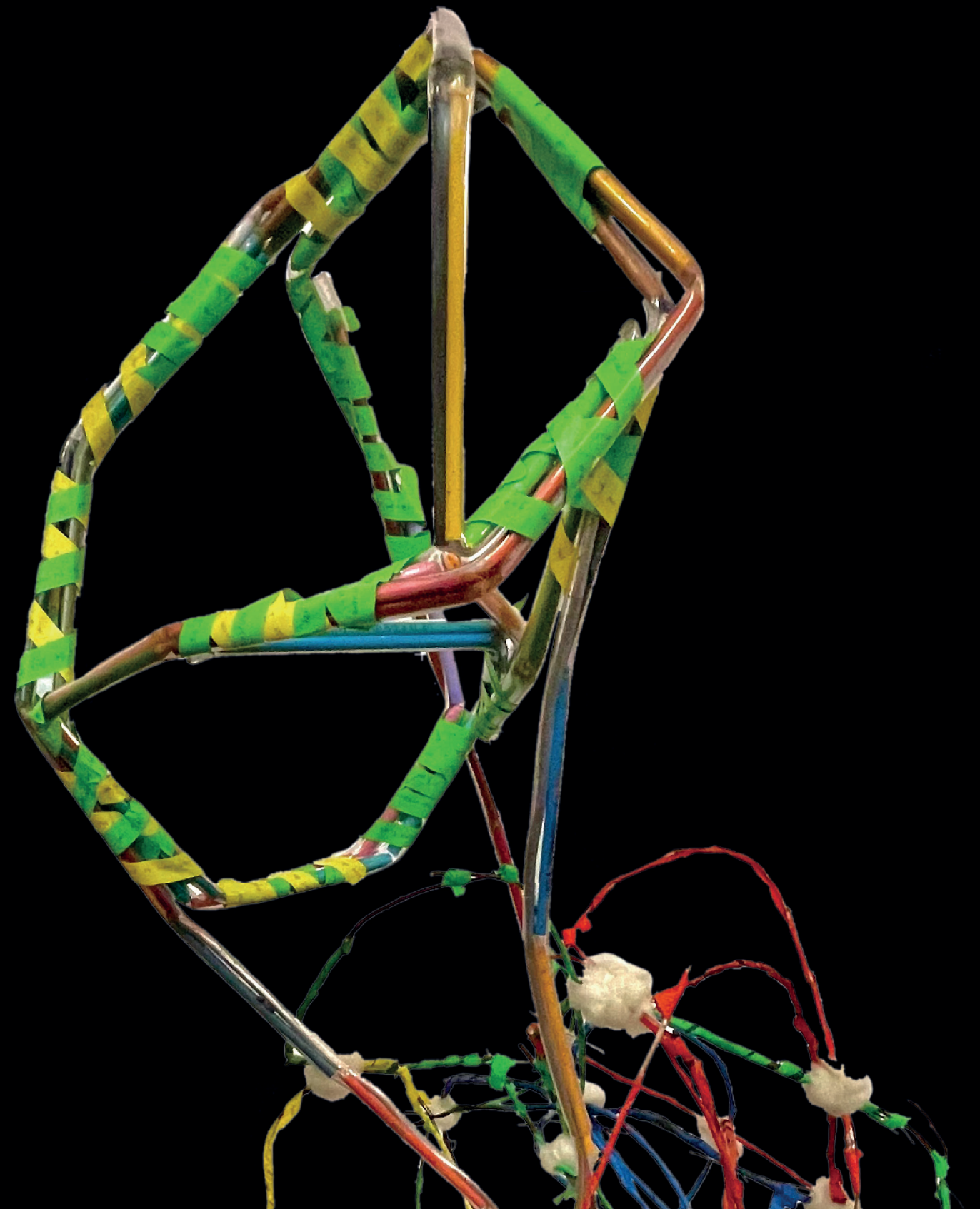
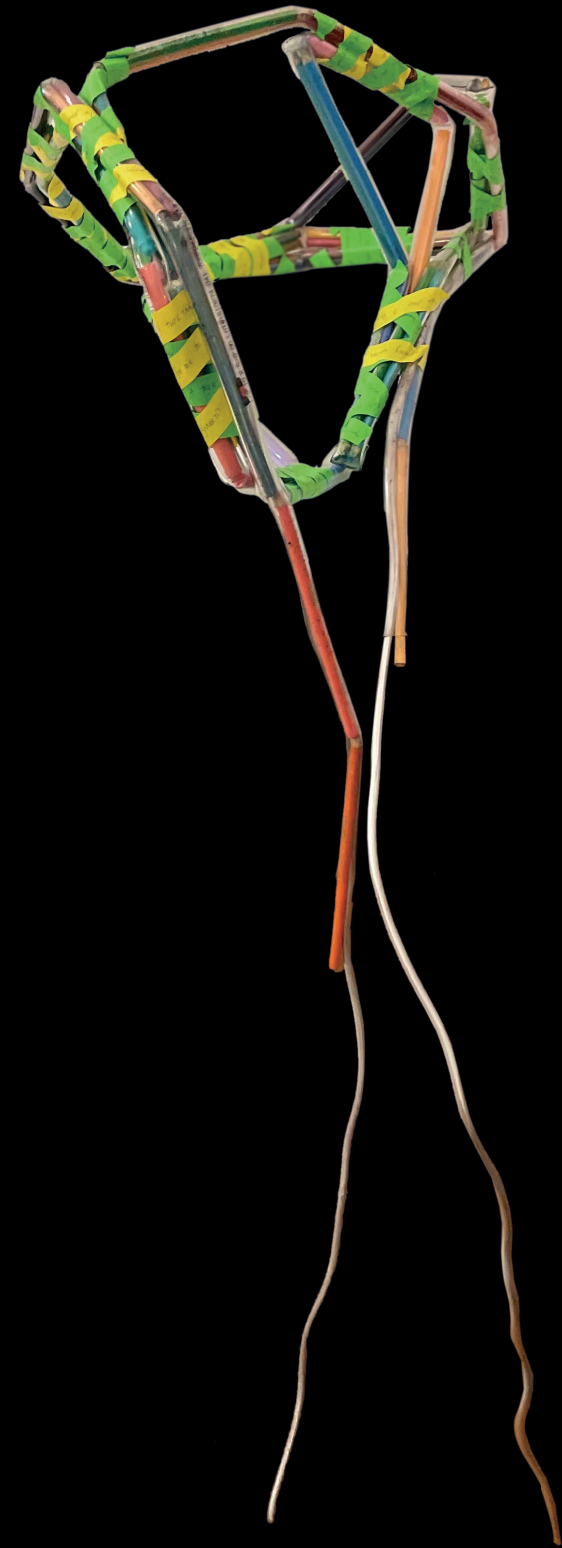


"Daddy wants you to have a carefree and happy life! Daddy wants you to have the
courage and the right to choose in the future!"
“爸爸希望你的一生无忧无虑，快乐无比！爸爸希望你将来有选择的勇气和权利！”









04.

A Spatial Evaluation of House Price Disparities

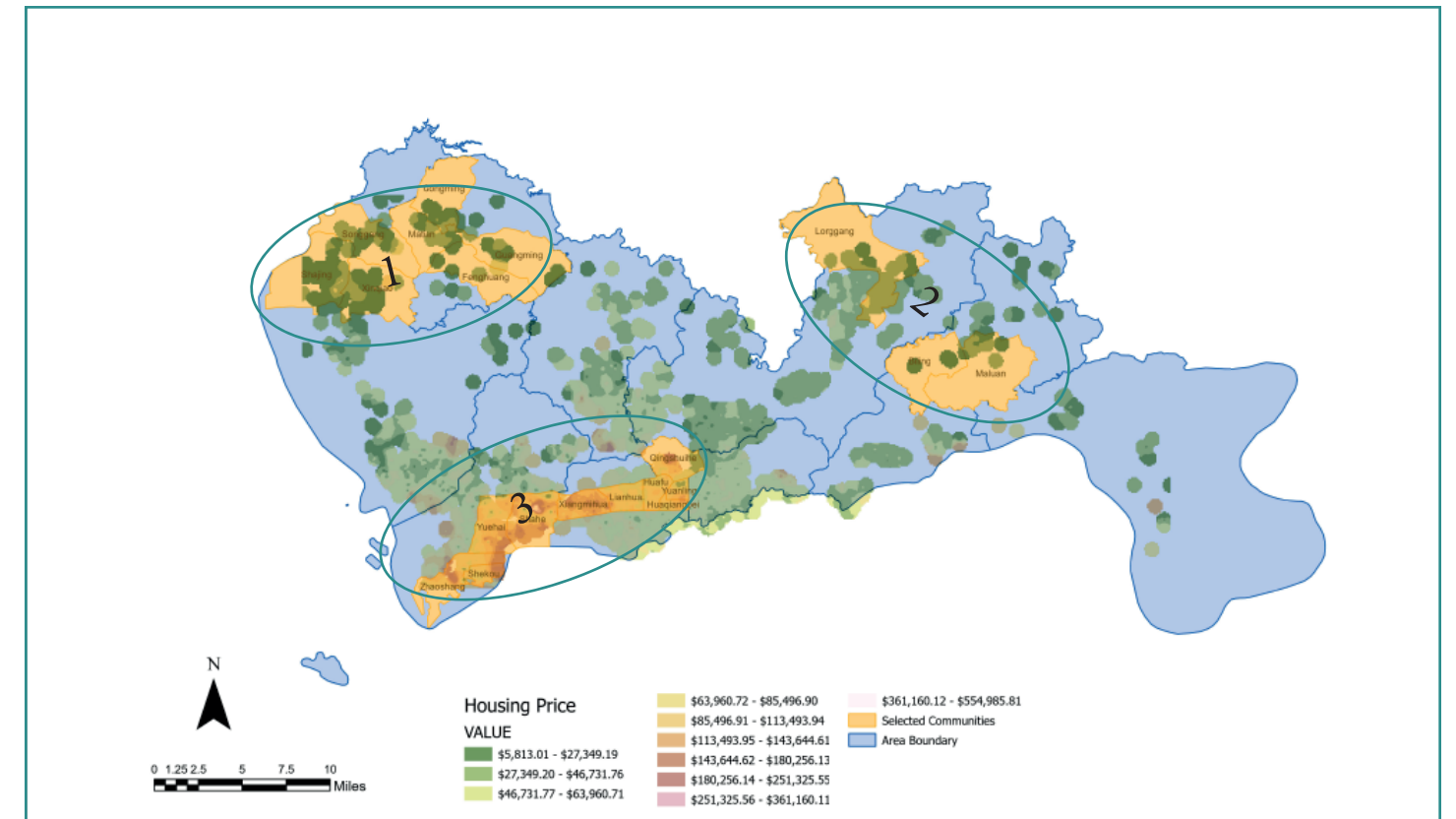
Fall 2022

Instructor: Leah Meisterlin & Mario Giampieri

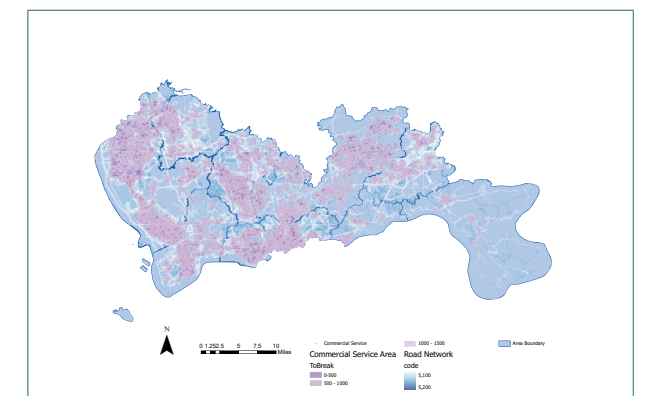
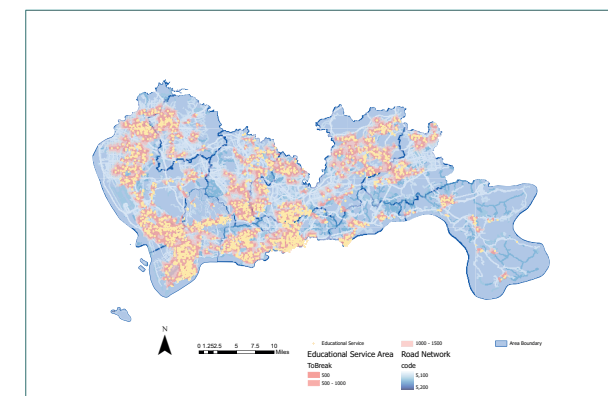
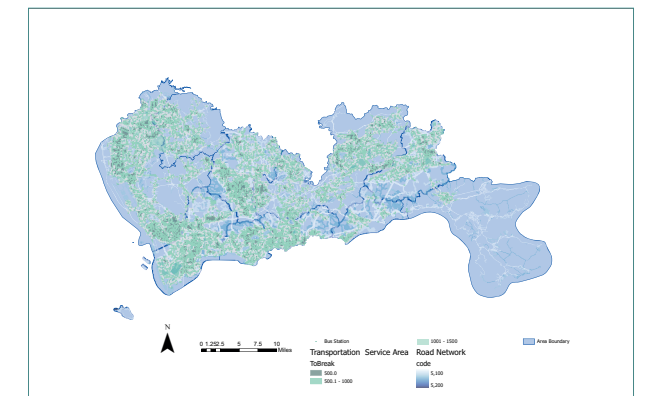
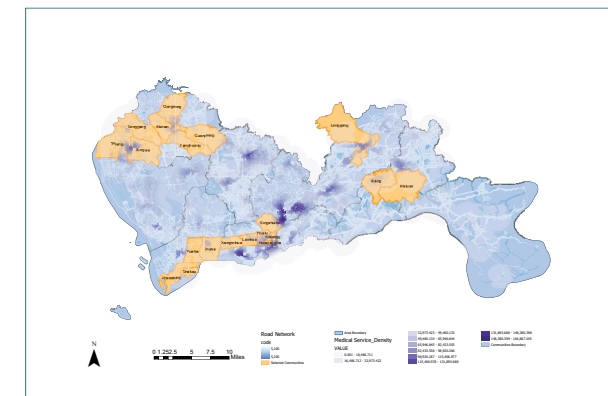
Location: Shenzhen, China

The urban housing price is a solid indicator and a timely summary on reflecting impacts of regional social and economic development and correlations.

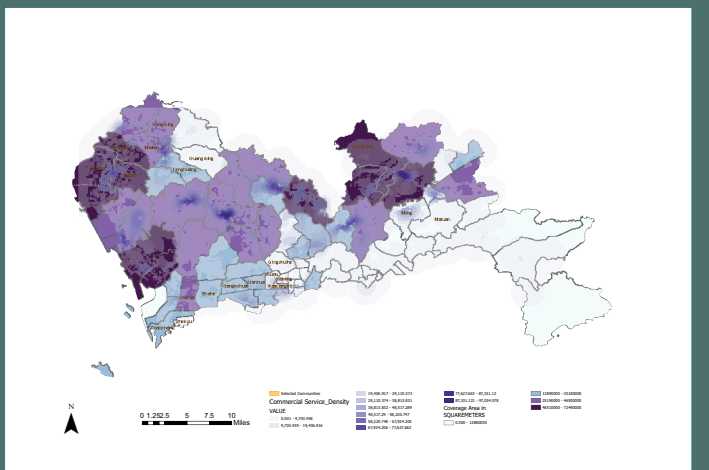
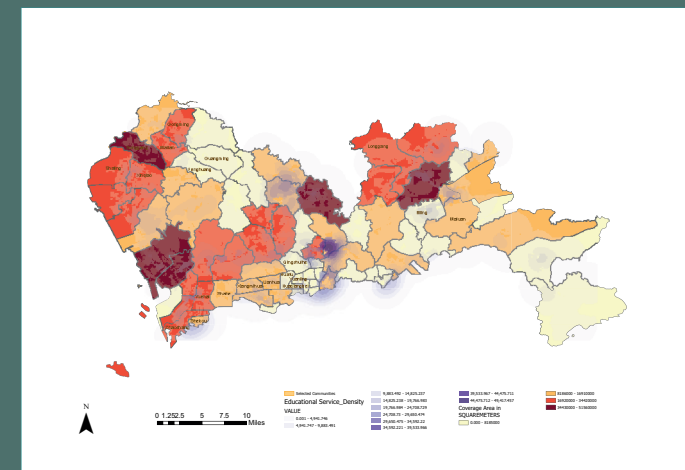
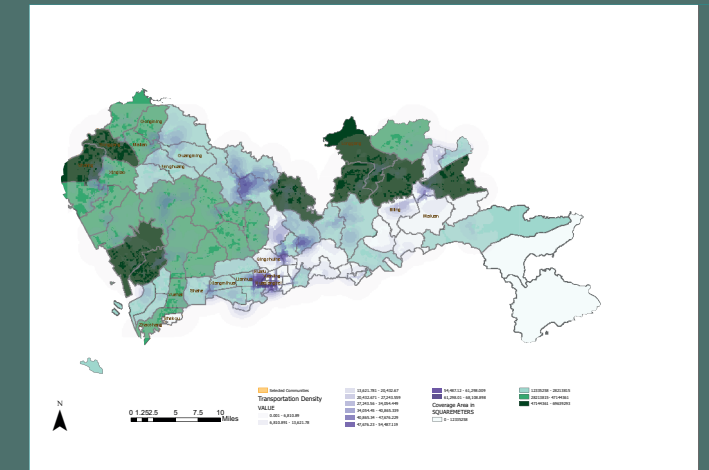
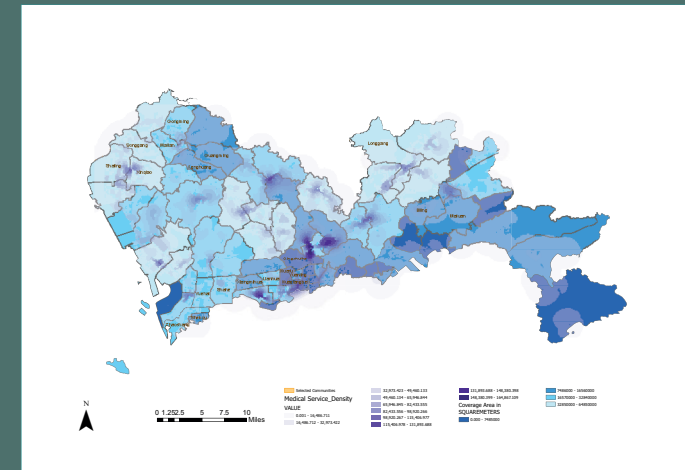
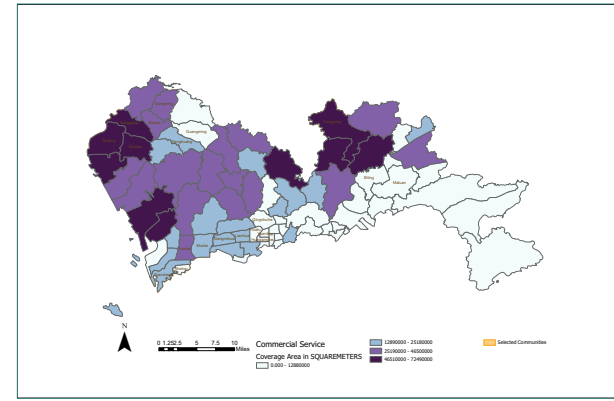
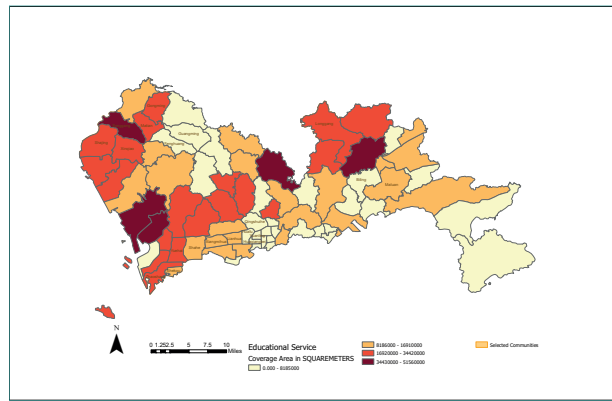
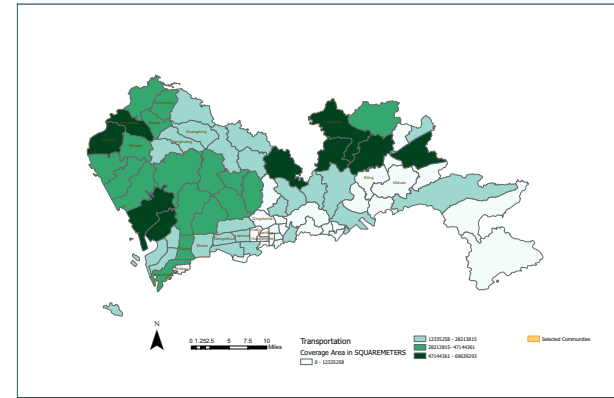
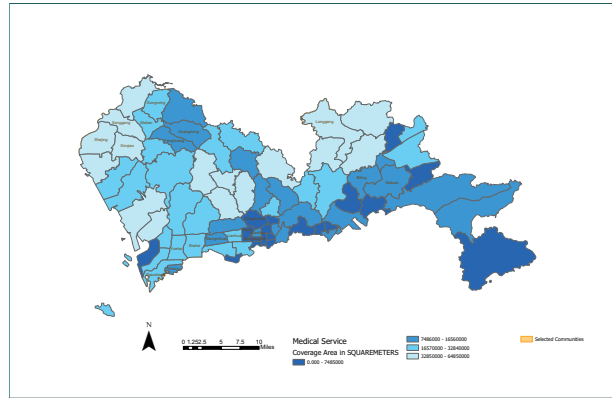
The house price index is a simple and convoluted collection of regional data that reflect some top hit and convoluted social concerns outrightly and subtly: income of local residents; the transportation accessibility; the availability of nearby schooling and healthcare, etc. In terms of our final project, we want to approach this data from a spatial analysis perspective and assess how various of factors may contribute to the housing price together.



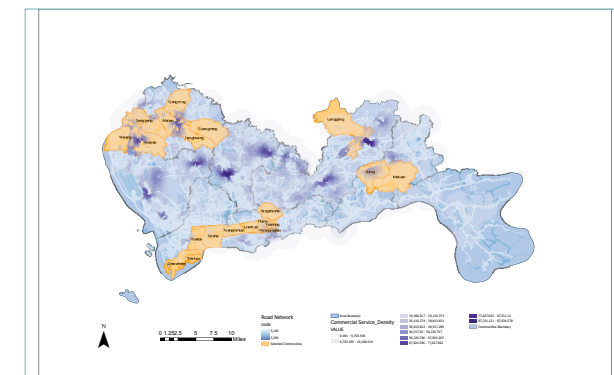
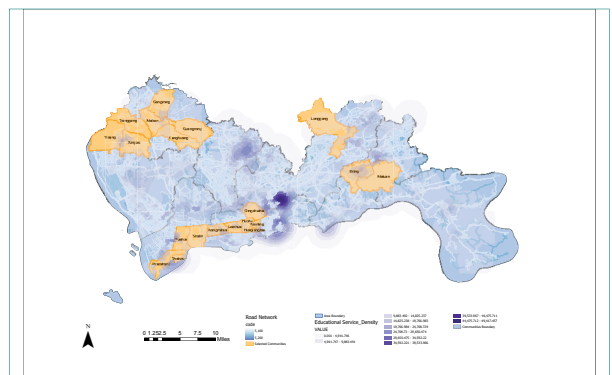
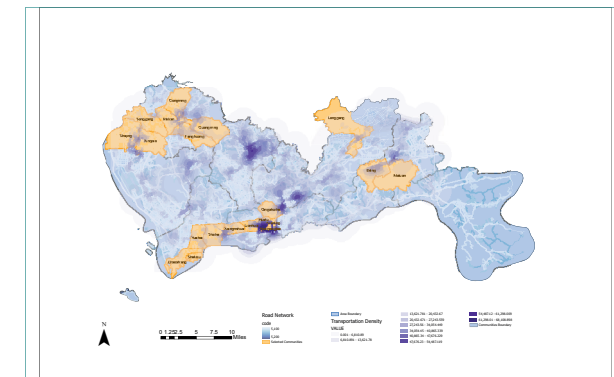
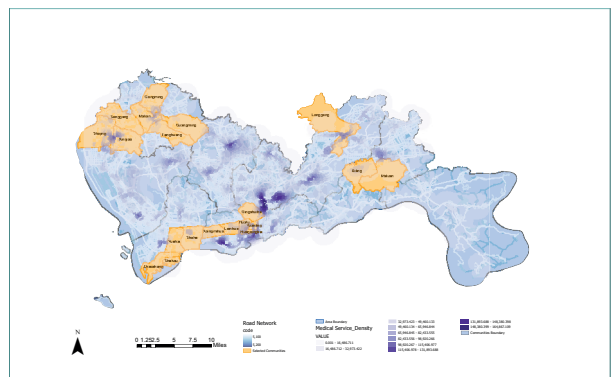
Analysis : Service Area of Facilities



Analysis : Caculate Service Area



Analysis: Density of Facilities



Facility accessibility and nucleation density may not match spatially for several reasons. Possible causes:

1. Land use and zoning rules:

These policies may affect facility locations and may not be accessible. A community may promote or enable facility development in commercial or industrial zones rather than in places more accessible to particular groups.

2. Transportation infrastructure:

Roads, public transit, and pedestrian and cycling infrastructure affect facility accessibility. Certain people may have trouble accessing amenities if these systems are poorly built or maintained.

3. Demographics: Population demographics may also affect facility distribution. For instance, a facility for children or elderly may be situated in an area with a higher concentration of that group.

4. Economic variables: Economic issues like land prices and finance might affect facility locations. Facilities may be positioned where land is cheaper or funding is easier.

In short, many variables affect facility geographical distribution, which might clash with accessibility.