



Home Sweet Home

-The Rebirth of Ruihong Urban Village

WENQING CAO

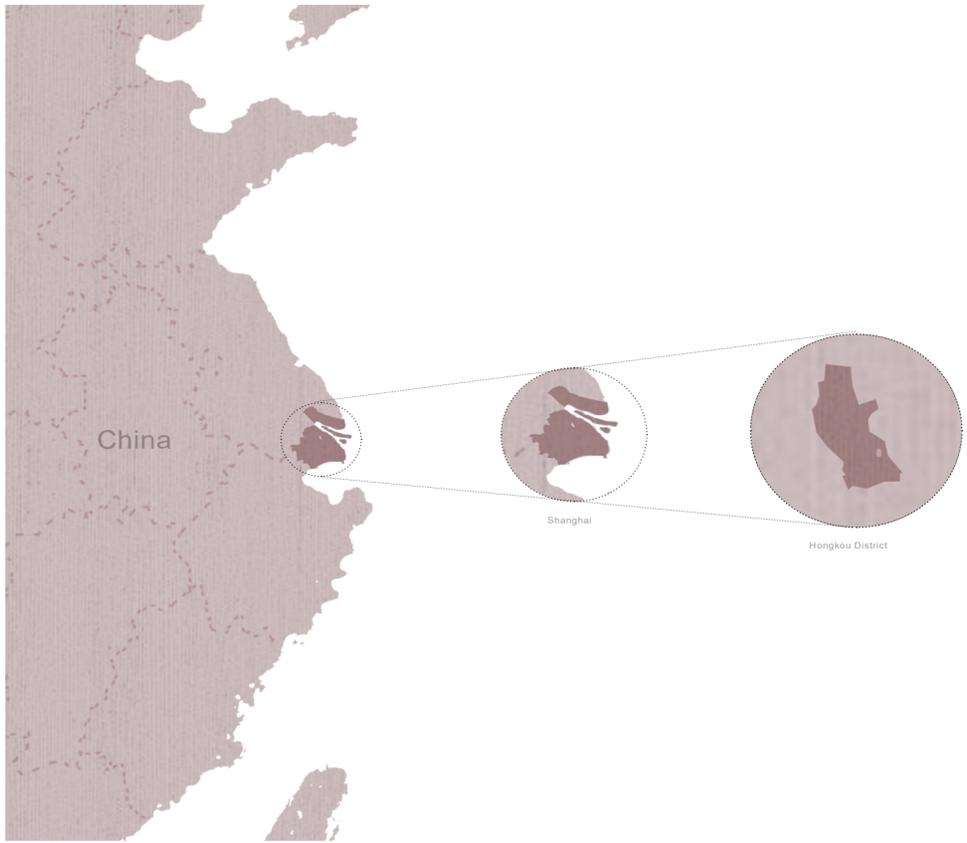
PROJECT TYPE: #Individual Work #Low-income population
#Architecture & Interior Design #Non-local population
#Urban Village Renovation #Rhizome of life
#A Sense of Belonging

PROJECT YEAR: 2020-2021
PROJECT LOCATION: Ruihong urban village, Shanghai, China

This is an urban village renovation project in Shanghai. Taking 'everyday life' as a perspective, the study focusing on the residents of spontaneous spatial construction phenomena in the city, such as the villagers of Ruihong Urban Village, and conducting field observations and research. The research is carried out in the field. At the same time, cases of spontaneous spatial construction are collected. The study will also collect examples of spontaneous spatial constructions, classify them and draw up feasible strategies.

The original building is mainly a residential space. The designer starts from the architectural function as well as the environmental atmosphere and problems. The space is shaped as a place to gather and communicate with the villagers to increase their sense of belonging to the community.

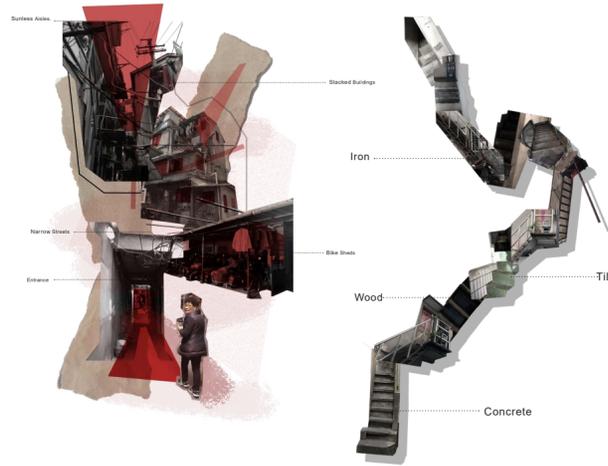
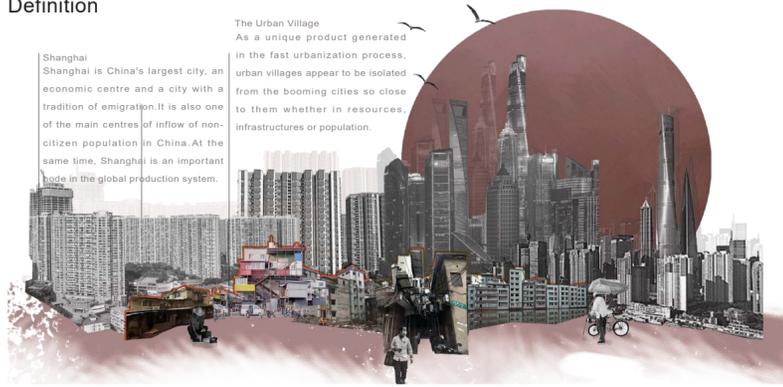
Site Location



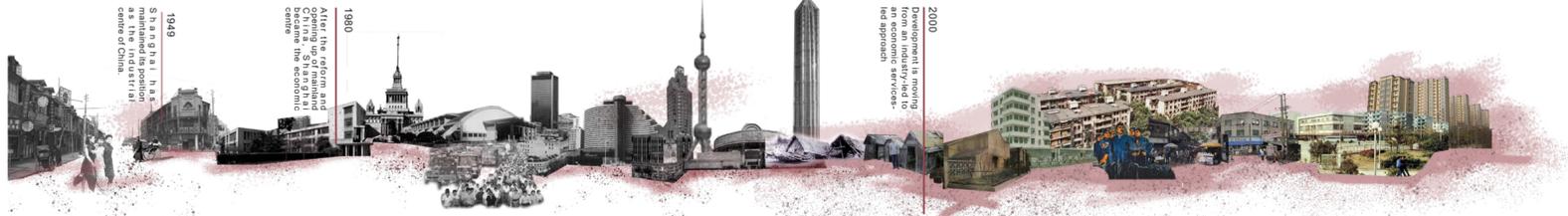
China is experiencing an extremely rapid urbanization at present. In this process, as a residential space for non-local population with distinctive Chinese characteristics, urban village has attracted wide attentions.

PRELIMINARY RESEARCH

Definition



History

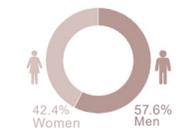


User Portrait

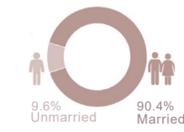
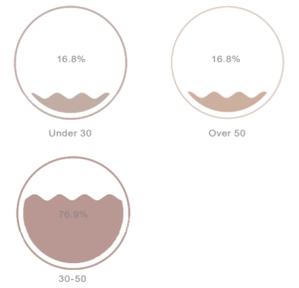
Percentage of Population



Ratio of Men to Women



Age Ratio

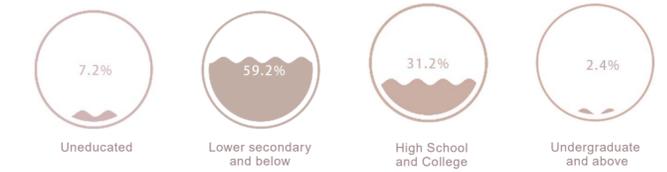


The non-local population is heavily male, predominantly young adults, and dominated by family migration.

A relatively high proportion of the non-local population in urban villages has family relocation. The non-local population in urban villages shows obvious characteristics of younger generation.

Educational Level in Urban Villages

Percentage of Population



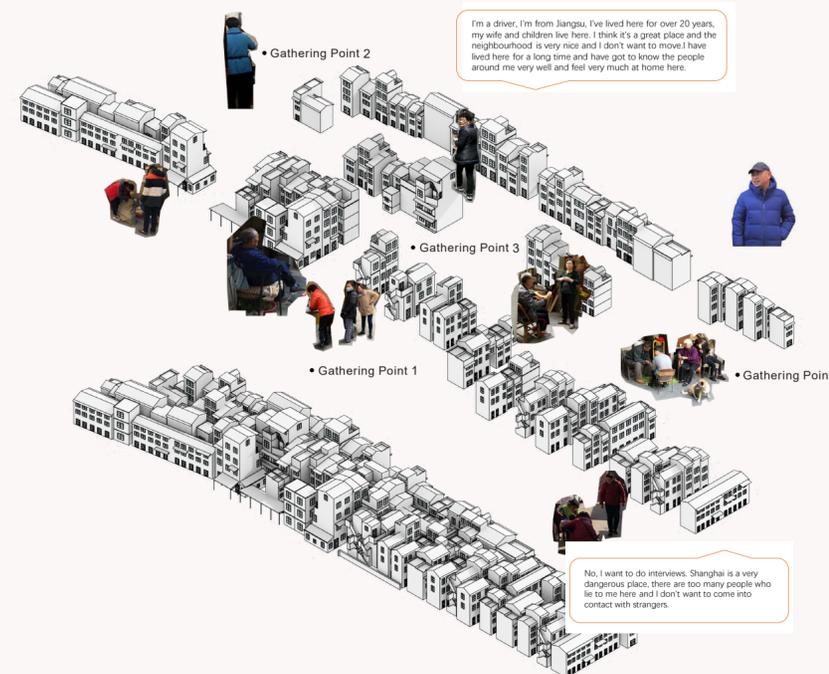
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According to the survey, the education level of the non-local population in the urban villages is generally low. They can only engage in low-end industries after entering Shanghai, mainly in social services, commerce and manufacturing.

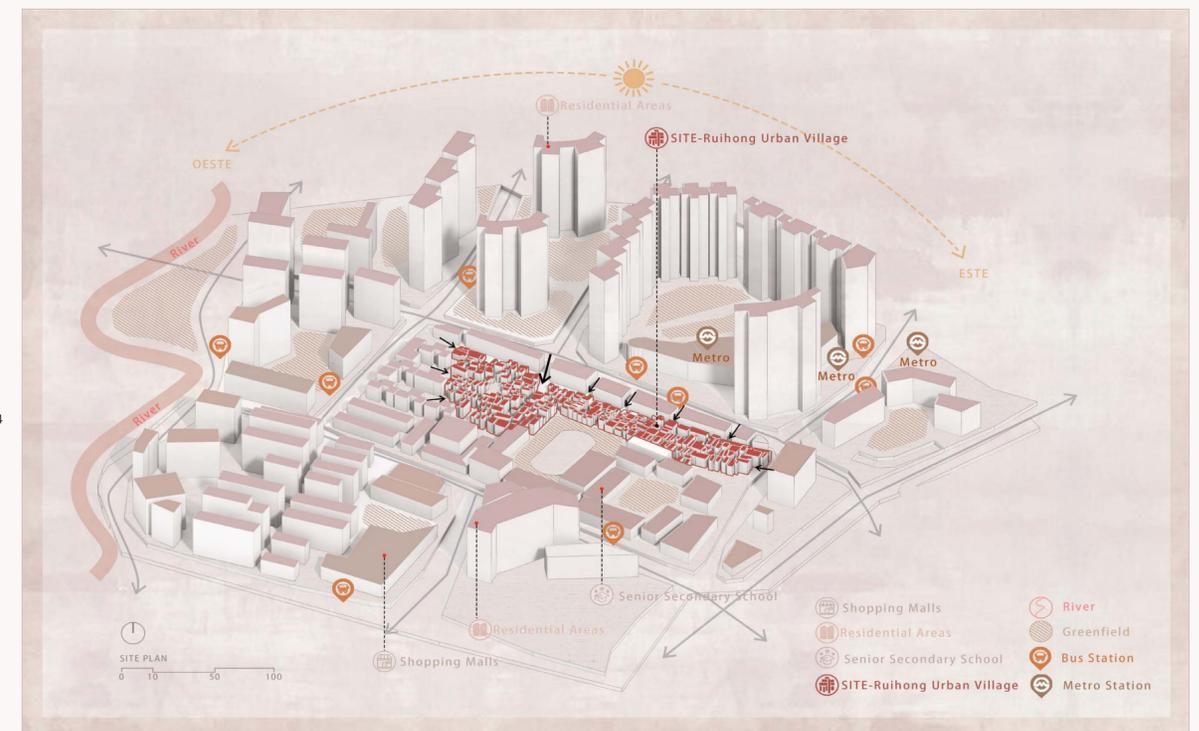
Field Investigation

Usergroup: Minors	Usergroup: Youth	Usergroup: Middle-aged	Usergroup: Older
Age: 0-18	Age: 30-18	Age: 50-30	Age: 50+
Living Space Per Person: 5-10 m ²	Living Space Per Person: 5-10 m ²	Living Space Per Person: 5-15 m ²	Living Space Per Person: 10-15 m ²
Non-local Population: 6%, Local Population: 2%	Non-local Population: 31%, Local Population: 3%	Non-local Population: 60%, Local Population: 26%	Non-local Population: 8%, Local Population: 70%
Usage of Public Space: [Icons]	Usage of Public Space: [Icons]	Usage of Public Space: [Icons]	Usage of Public Space: [Icons]
The Sense of Belonging: [Icons]	The Sense of Belonging: [Icons]	The Sense of Belonging: [Icons]	The Sense of Belonging: [Icons]
Protection: [Icons]	Protection: [Icons]	Protection: [Icons]	Protection: [Icons]
Communication: [Icons]	Communication: [Icons]	Communication: [Icons]	Communication: [Icons]
Non-local Population children feel suppressed and discriminated against, think that people in the city look down on them. Many children are reluctant to associate with others.	Young people who are new to the urban village remain fresh and away of their new environment, leading to a diminished sense of belonging. There is also less human interaction with those around them.	90% of middle-aged people are family-centred, and their sense of belonging is increasing every year because they have lived in urban villages for a long time. Because of the long hours of work, the use of public space is low.	The majority of the elderly are local people who spent the vast majority of their time in the Singing Village, where resting and socialising in the public space is their daily routine. There is a very strong sense of belonging to the village.
Usage of Public Space: The frequency of use of public spaces. For example public toilets.	The Sense of Belonging: The need to belong, also known as 'belongingness', refers to a human emotional need to affiliate with and be accepted by members of a group.	Protection: The atmosphere of being protected in Ruihong urban village.	Communication: The sense and opportunity to communicate in Ruihong urban village.

Gathering Point



Contextual



CONCEPTUAL THINKING



Gilles Deleuze & Felix Guattari
A Thousand Plat

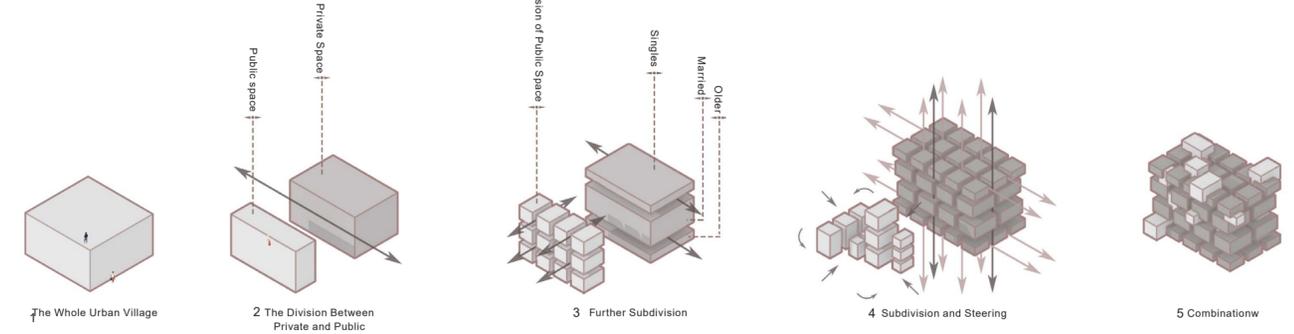
Rhizome of life emphasises local interconnectedness. There is a great diversity of links between points. The inhabitants are very closely linked to each other. There are no specific rules or structures. The seemingly chaotic composition is very stable.

Thus the "body without organs" (BWO) is constantly in the process of formation, deformation and reformation. The BWO is itself rhizomatic, which loses a point/channel of desire (deterritorialisation) only to start off along a new path like a rhizome's, spread (reterritorialisation).

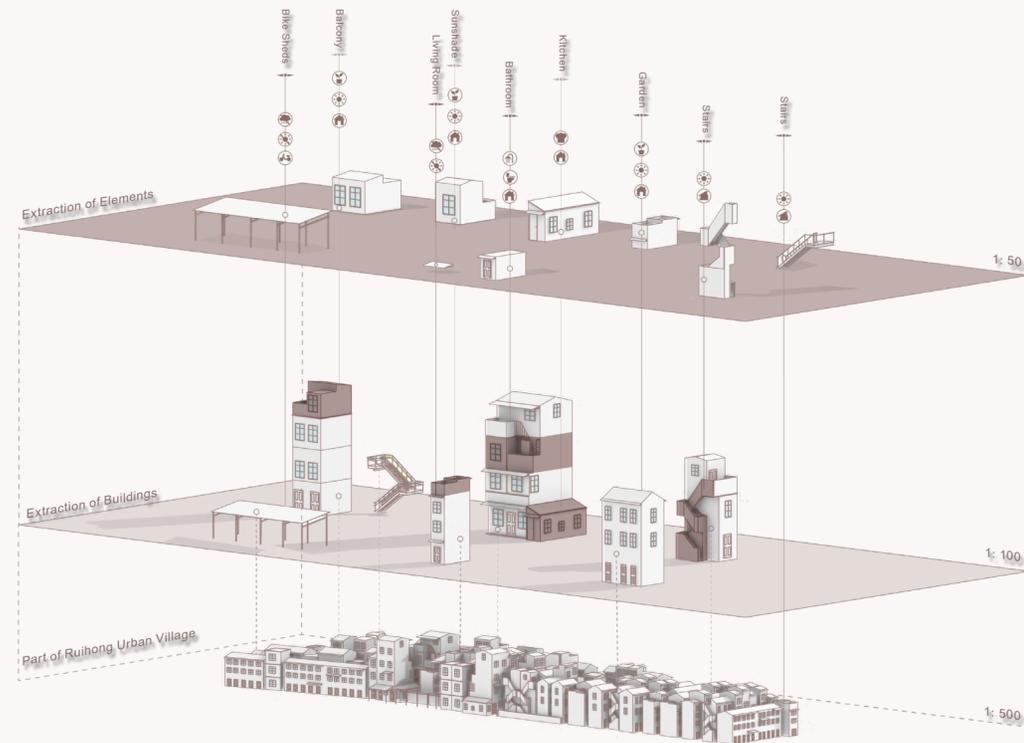
Rhizome of life



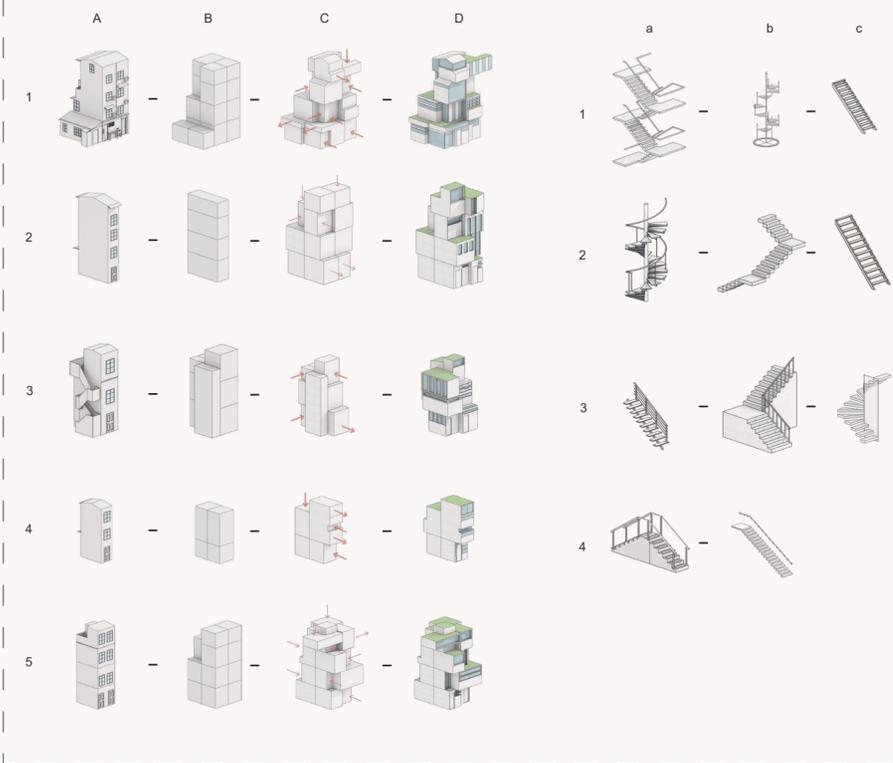
Redesign



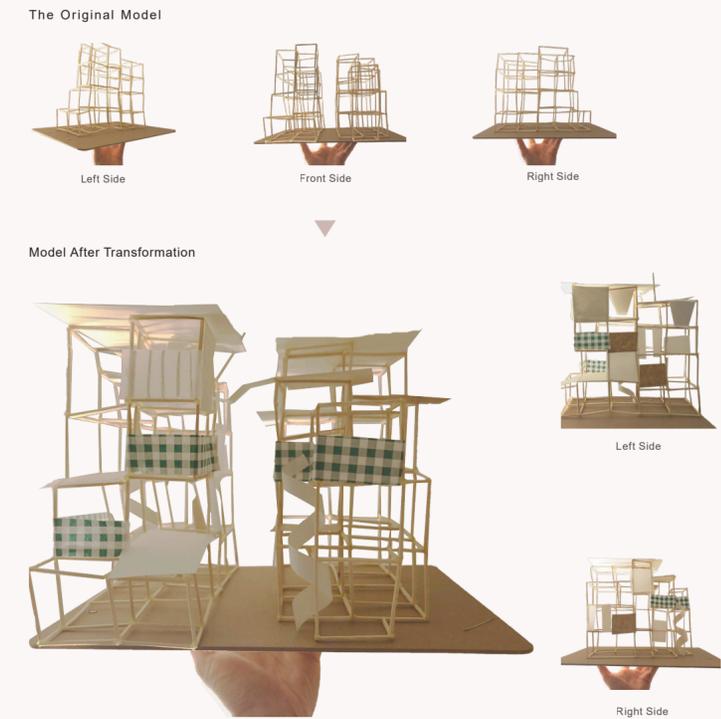
Function Extraction



Living Typology

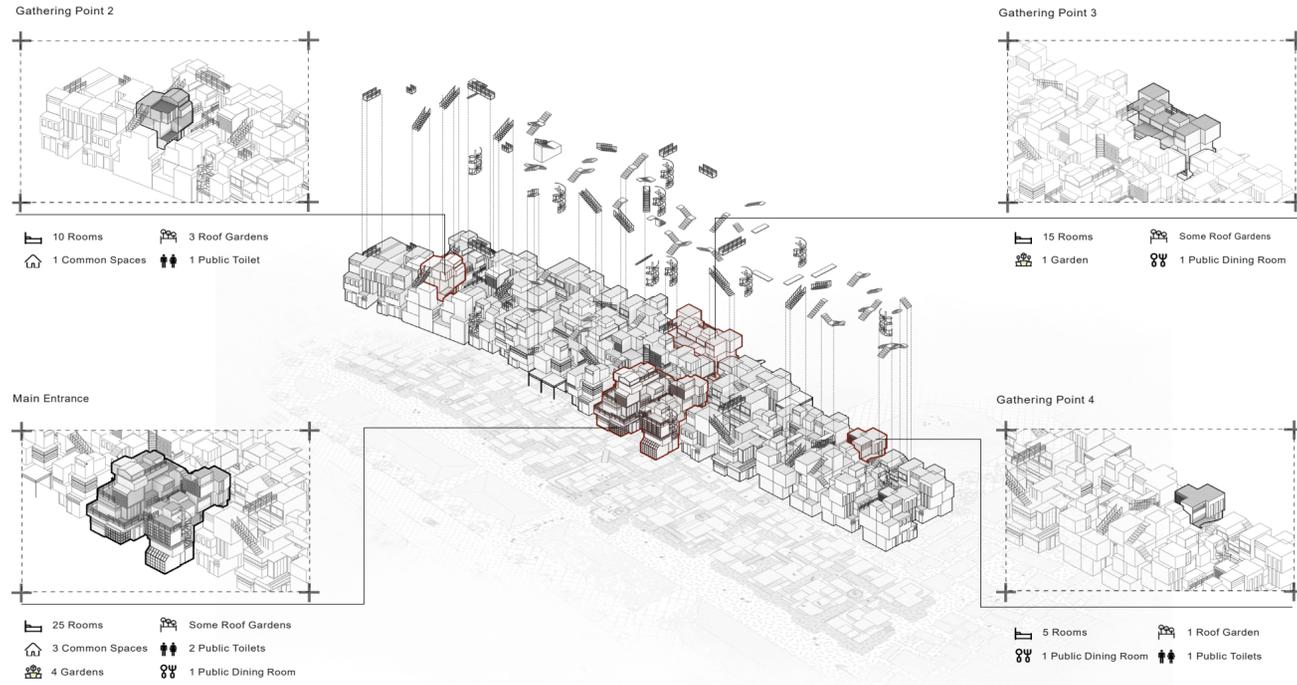


Conceptual Model



TECHNICAL DRAWINGS

Distribution of Key Points



RENDERINGS

