

Architecture Portfolio

California College of the Arts

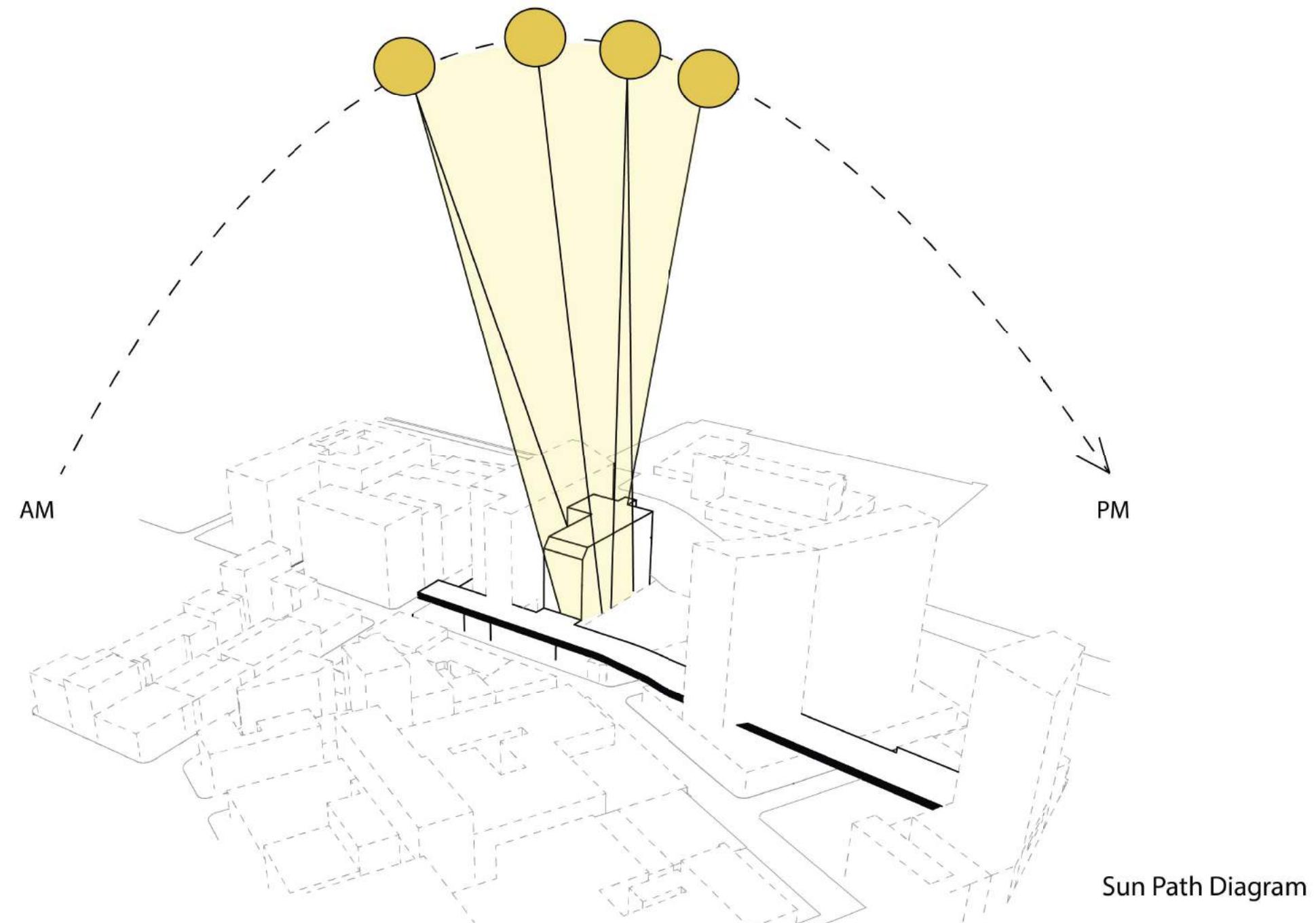
Jaime Yoo Bin Jung
Spring 2016

Park Hill Hotel

Jaime Jung
Studio 3: Fall 2015
David Orkland and Alda Capi Black

In the city of Manhattan, there are very few parks and they are scattered all around. Parks are a place where people can interact one or another and become a part of a community. This hotel is providing places for both residents and tourists to interact with one another.





Many urban city like Manhattan has many attractions that are appealing to tourists. However, often they lack recreational areas for the community.

Neighborhoods



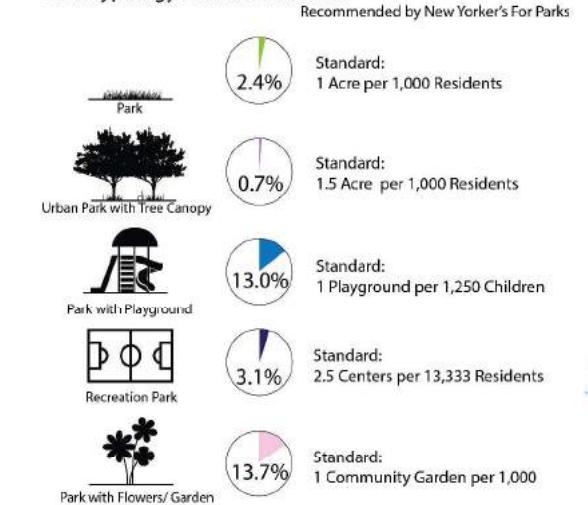
= 1 Square Foot of Park per Resident



Different Types of Park

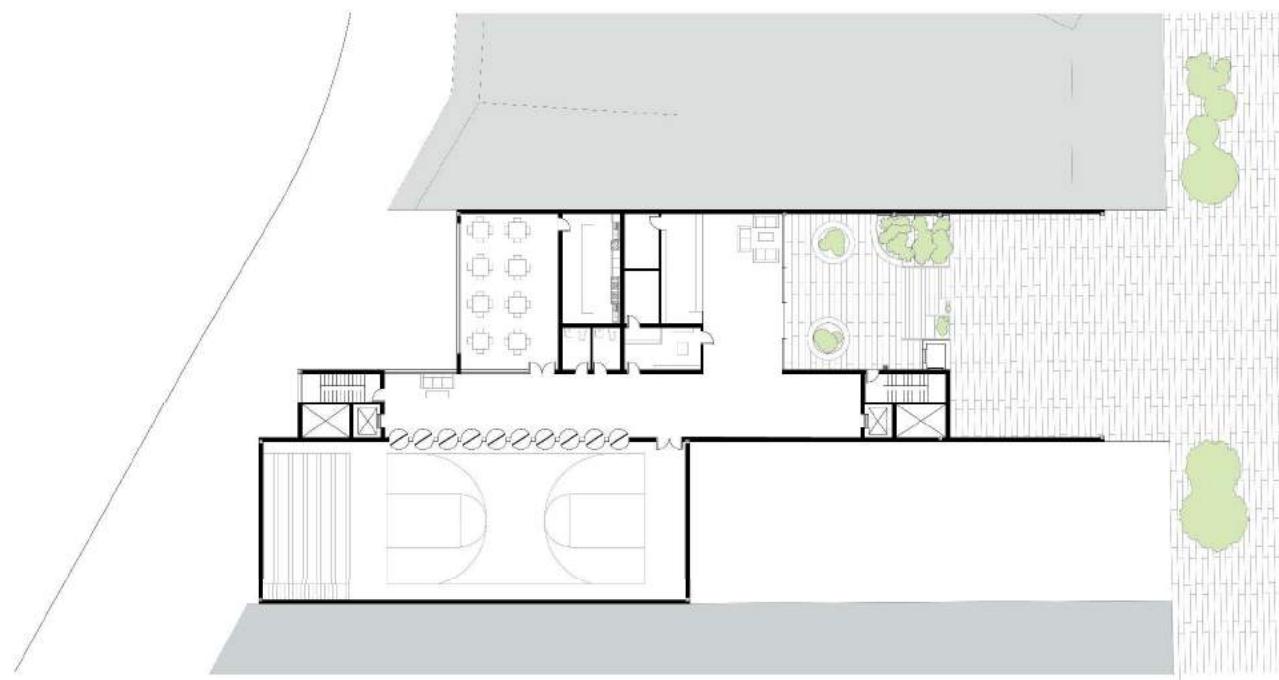


Park Typology to Residents Ratio

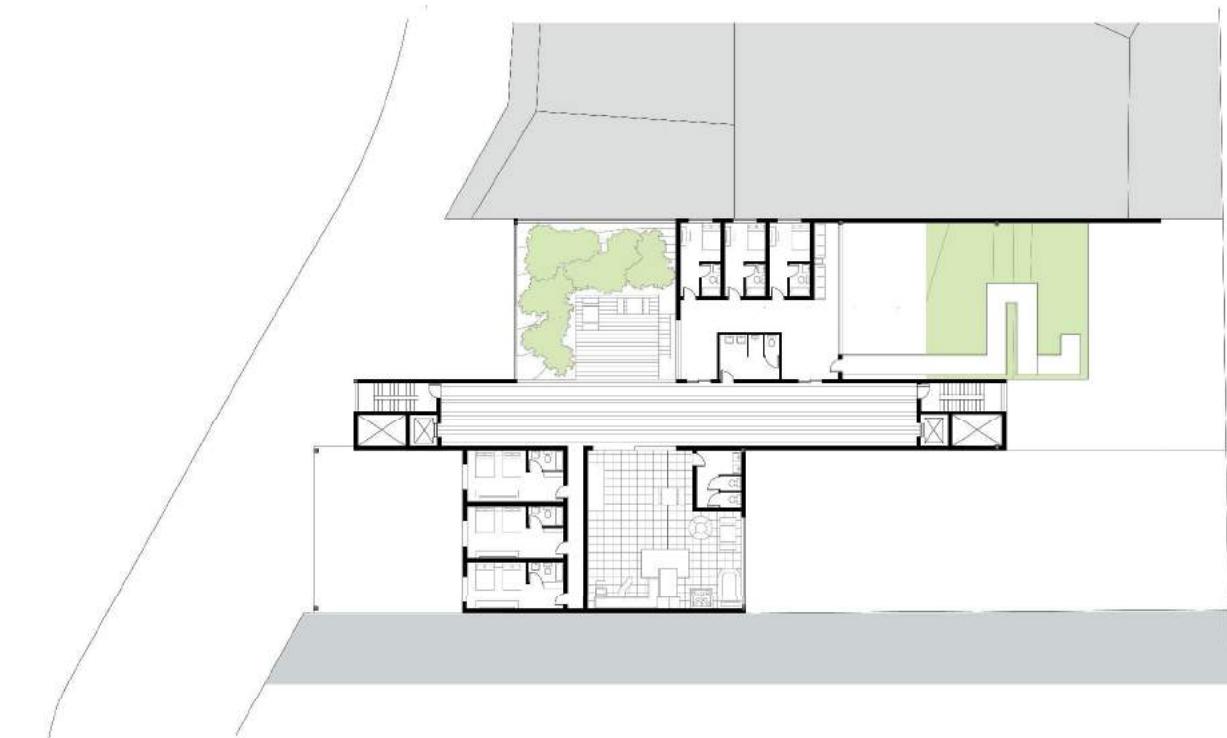


Park Typology Map

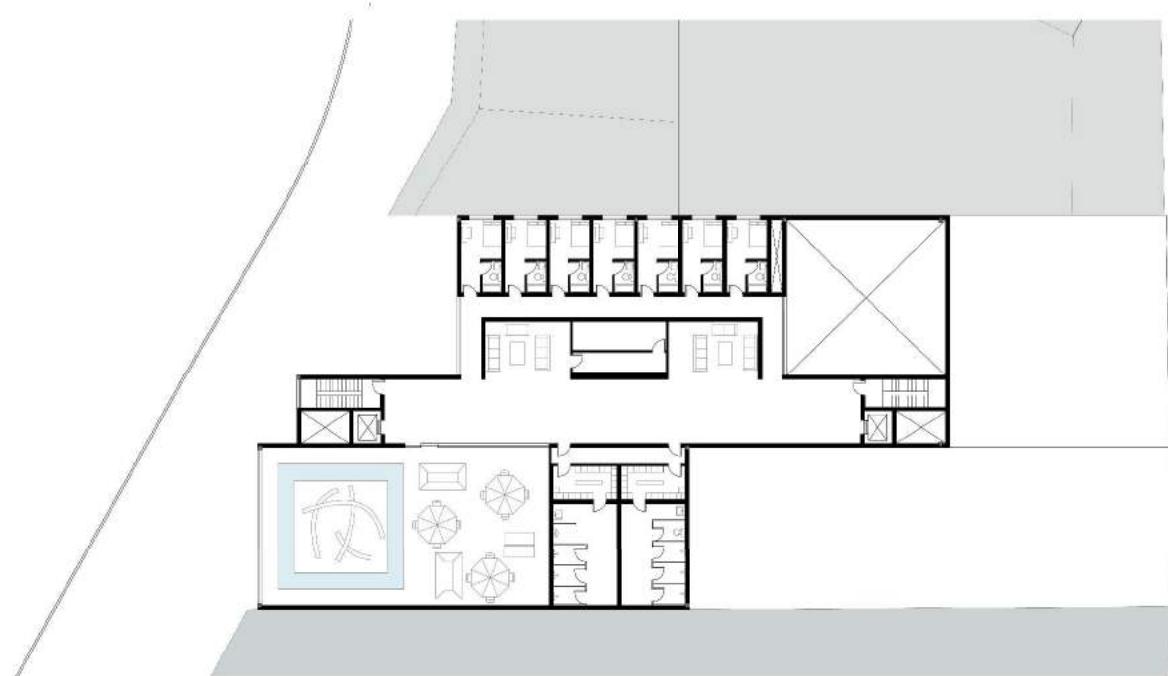




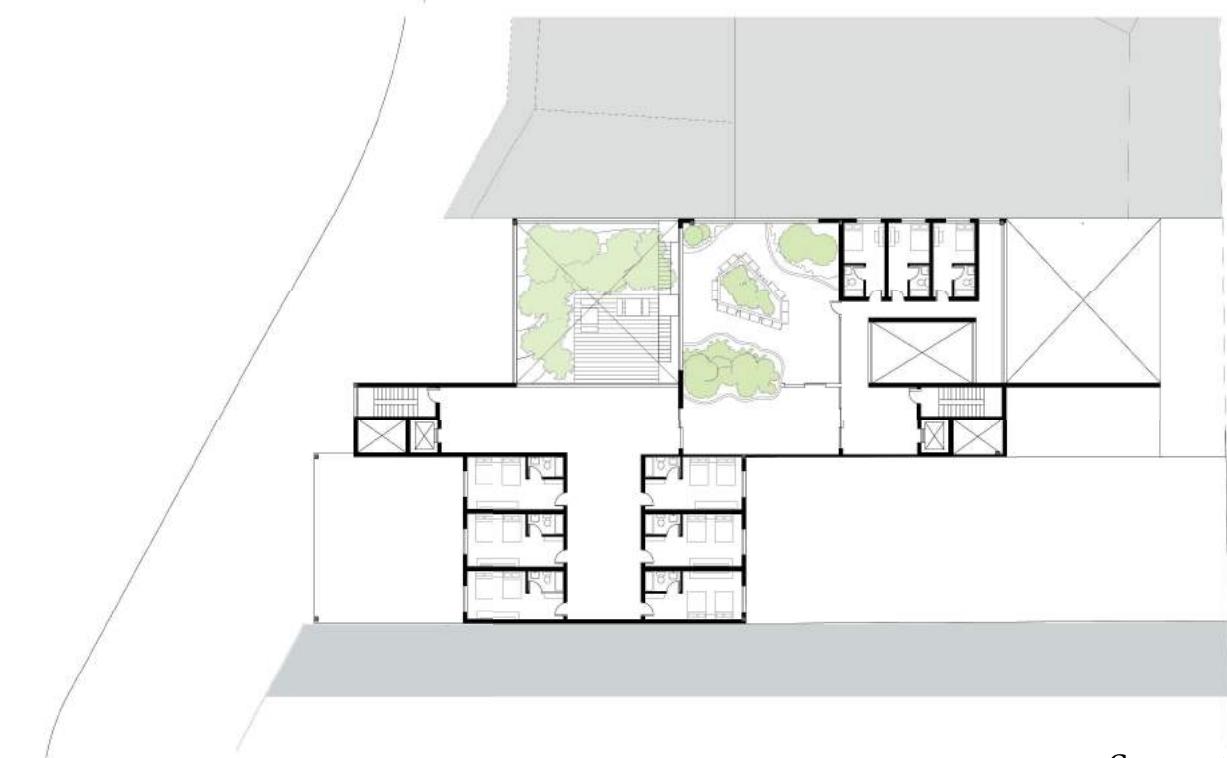
First Floor



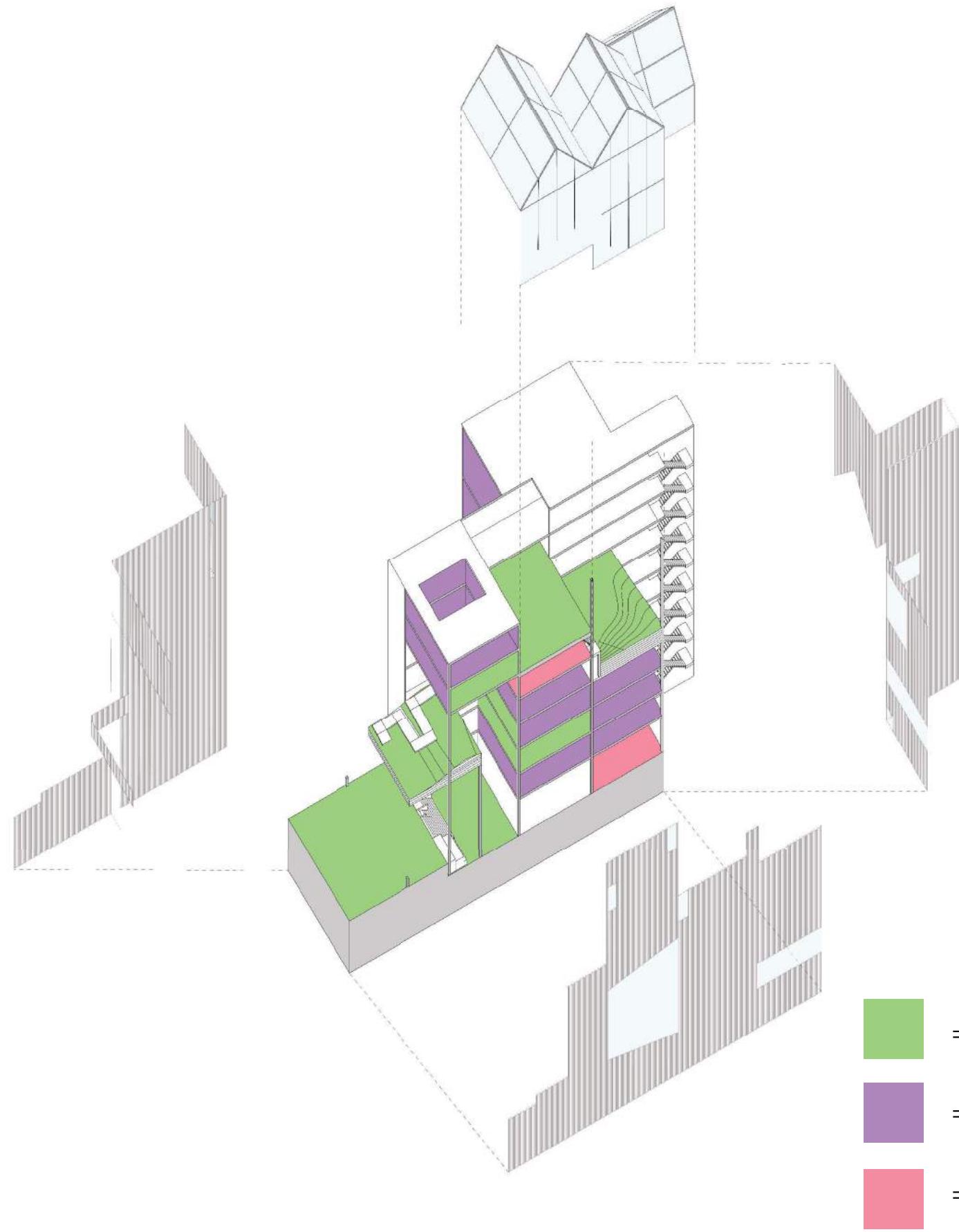
Fifth Floor

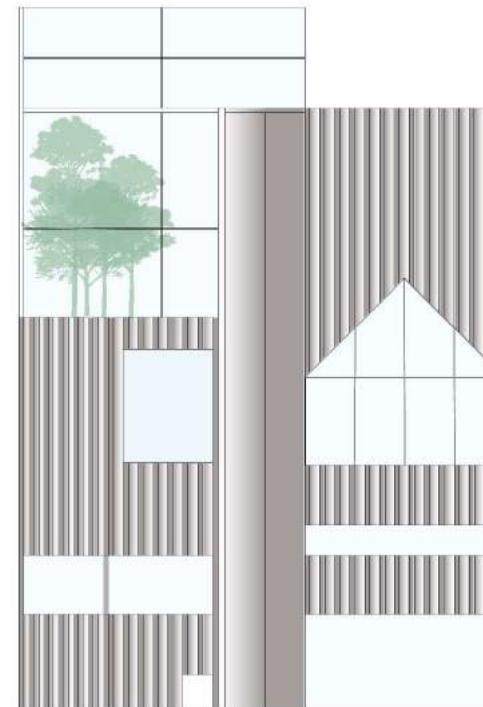
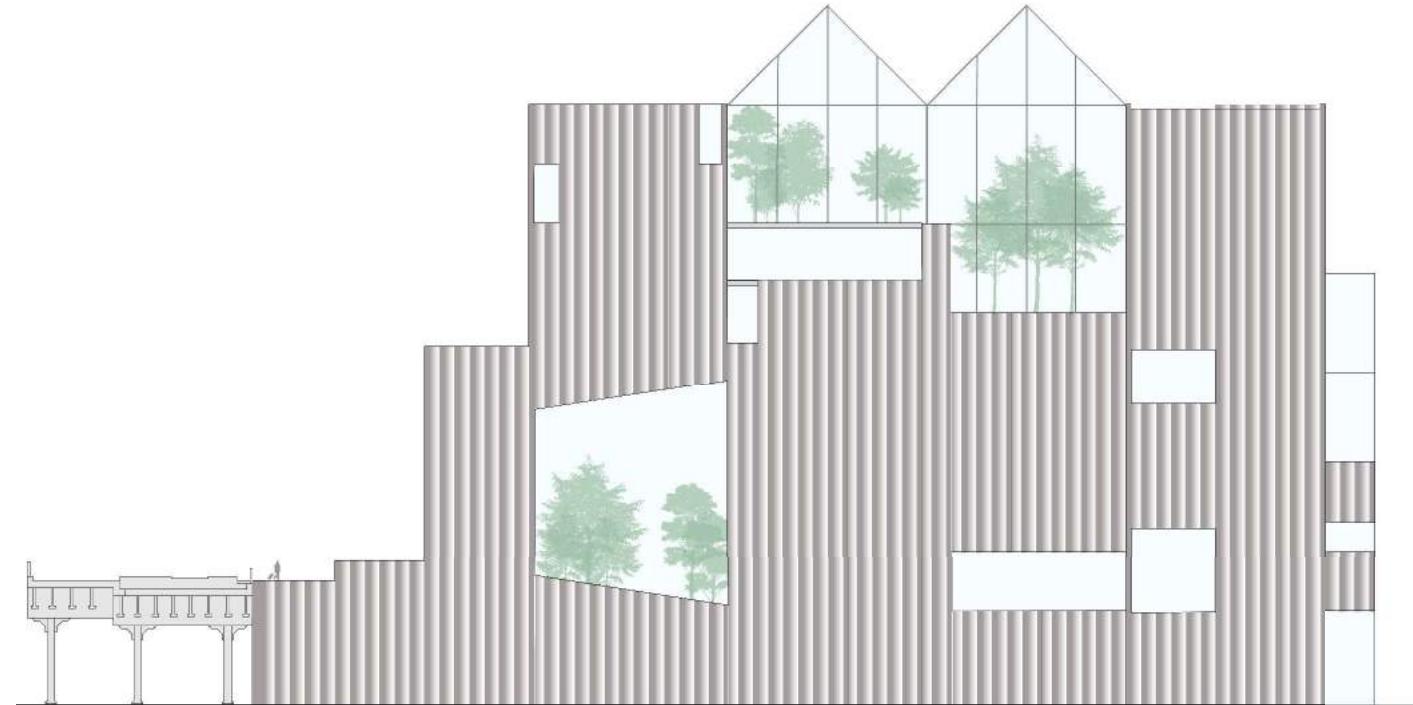


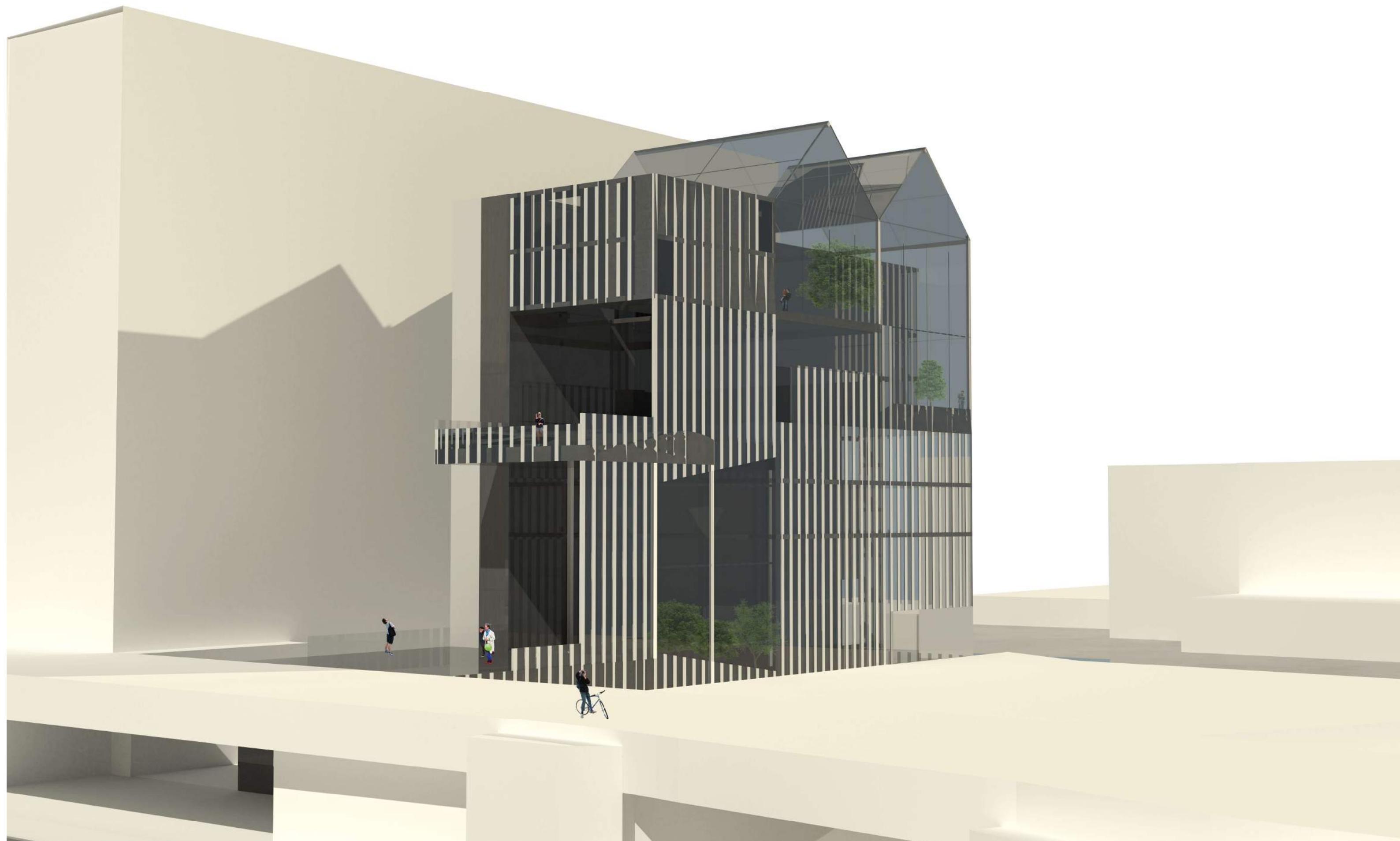
Third Floor



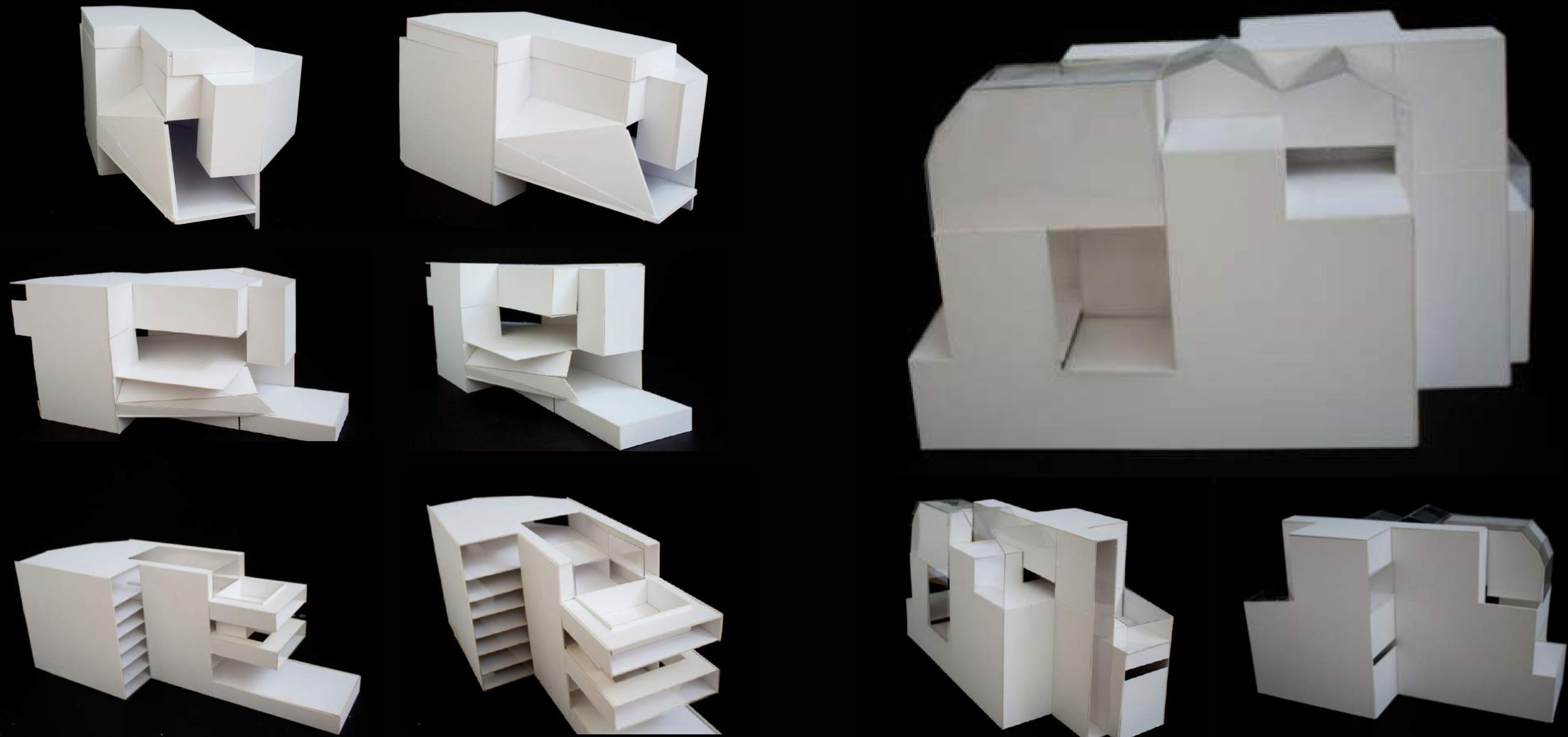
Seventh Floor











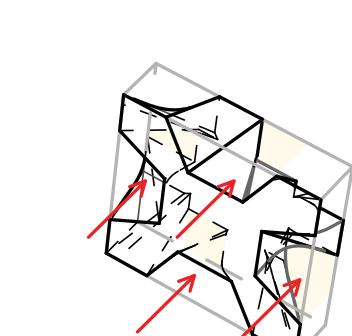
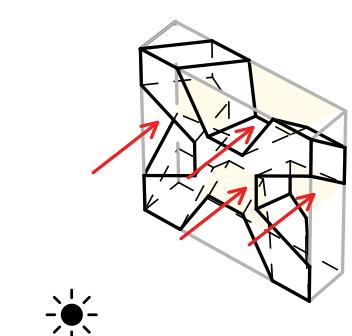
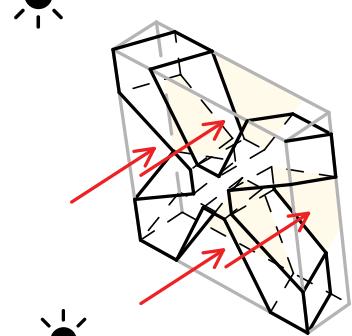
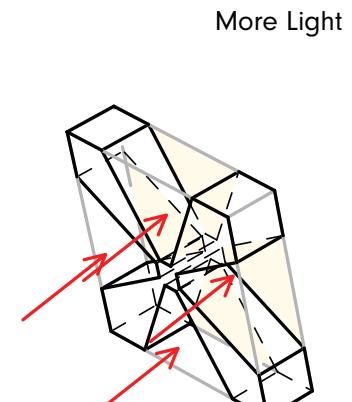
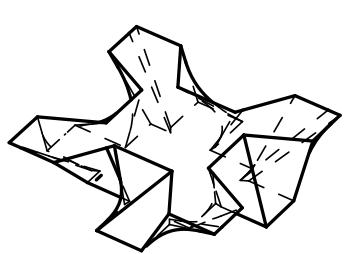
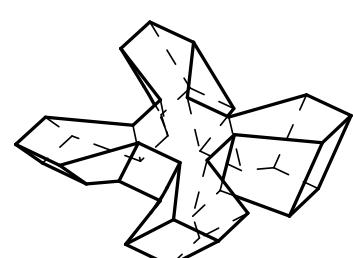
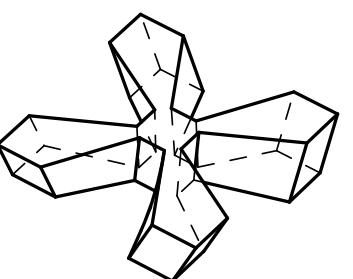
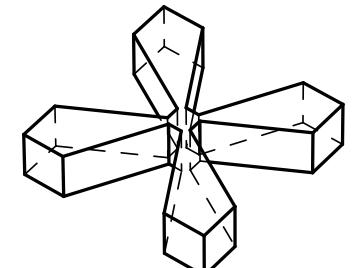
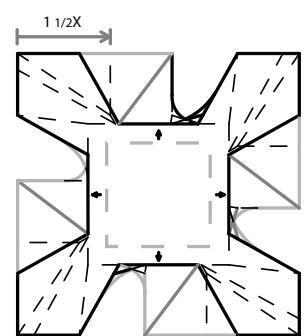
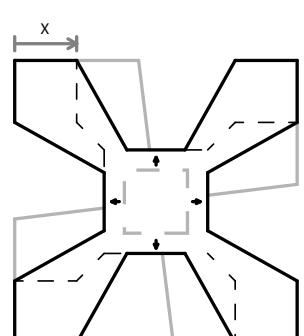
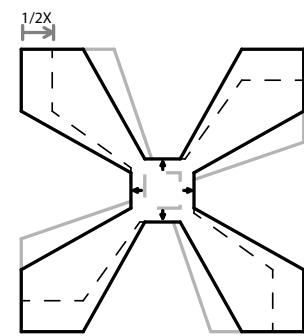
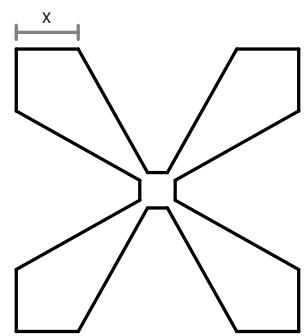


Parametric Wall

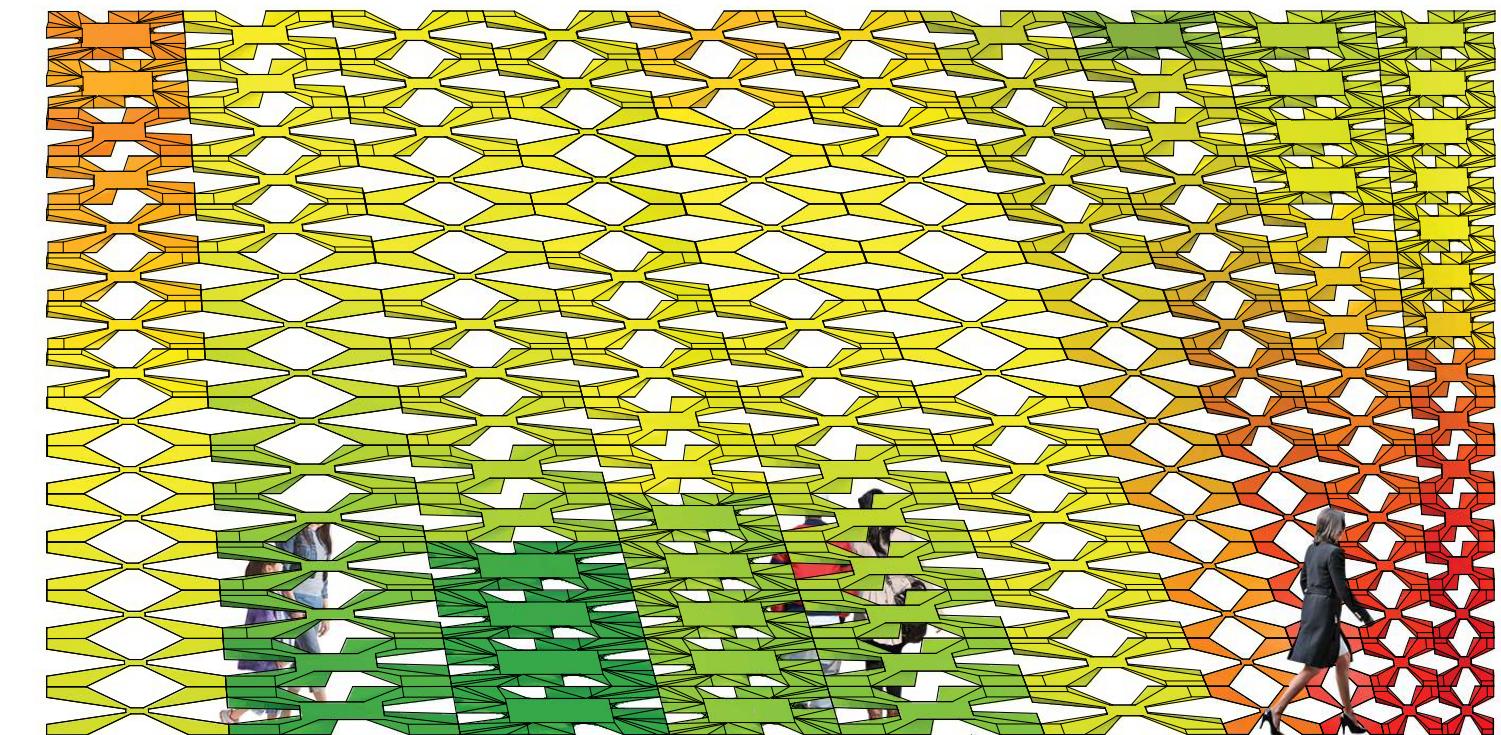
Jaime Jung
Design Media Fall 2015
Adam Marcus

Parametric wall was designed by using 'grasshopper' plug-in. Designing modules of the inspiration from natural precedent, wall with parametric behavior have light featuring module system.

Parametric Wall

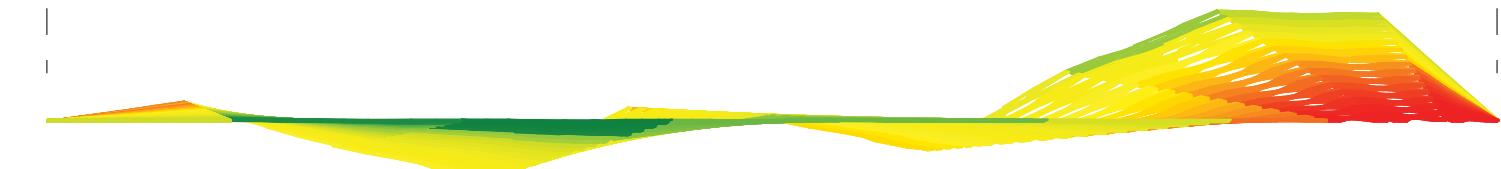


Wall Elevation with Volume Analysis



More Volume

Less Volume



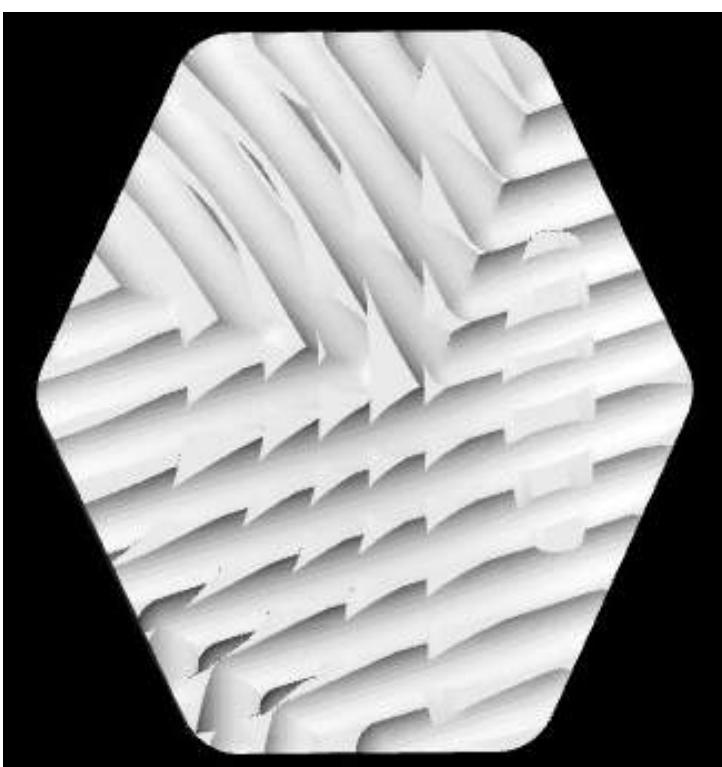
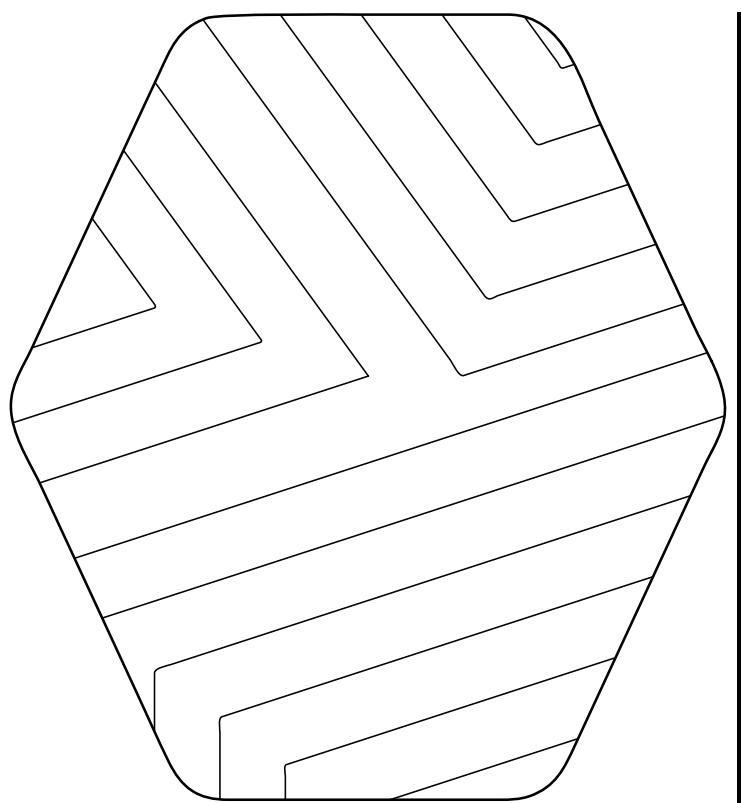
Less Light

Prototyping: CNC and 3D Printing

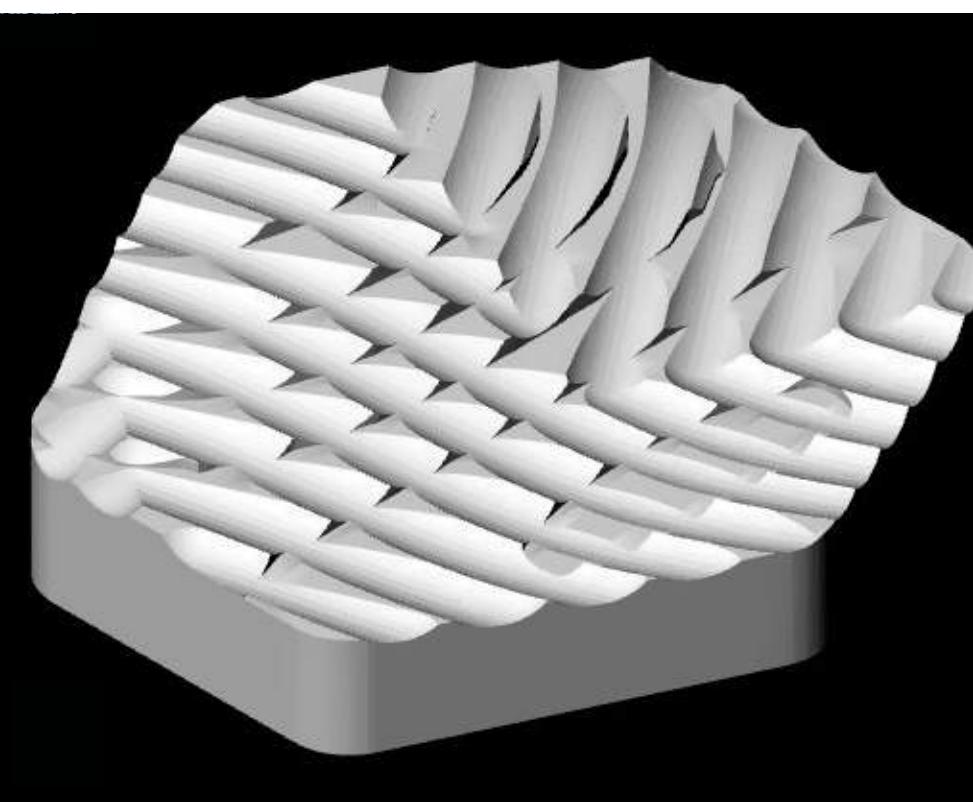
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After digitally stimulating two-dimensionally, processing the digital file into CNC and 3D printer to print three dimensionally.

Prototyping: CNC and 3D Printing



CNC Router



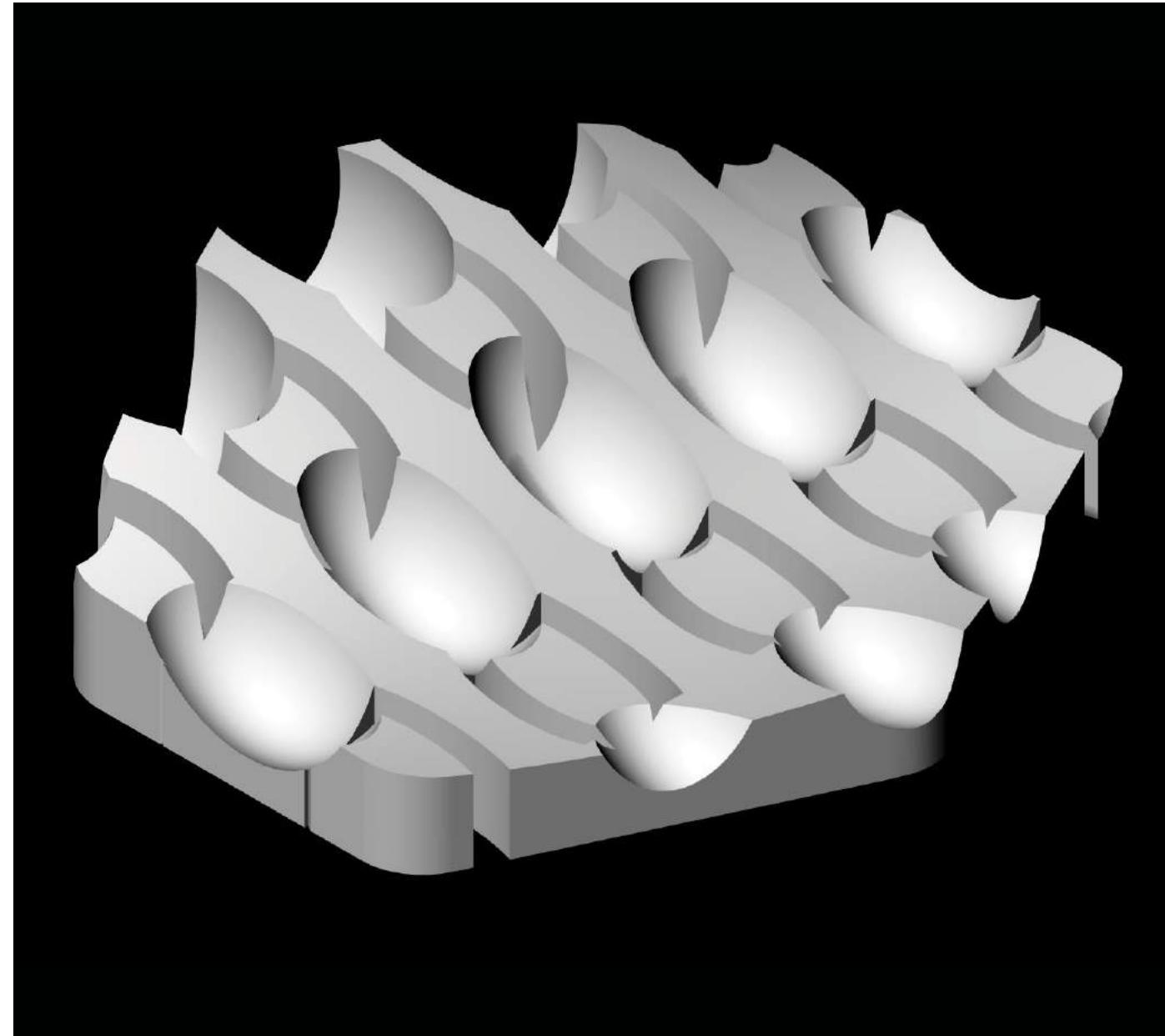
Casting Concrete



Prototyping: CNC and 3D Printing

Prototyping: 3D Printing

Digital Stimulation



3D Printing



Ninetree Village

Jaime Jung
Architectural Analysis Spring 2016
Kristen Sidell

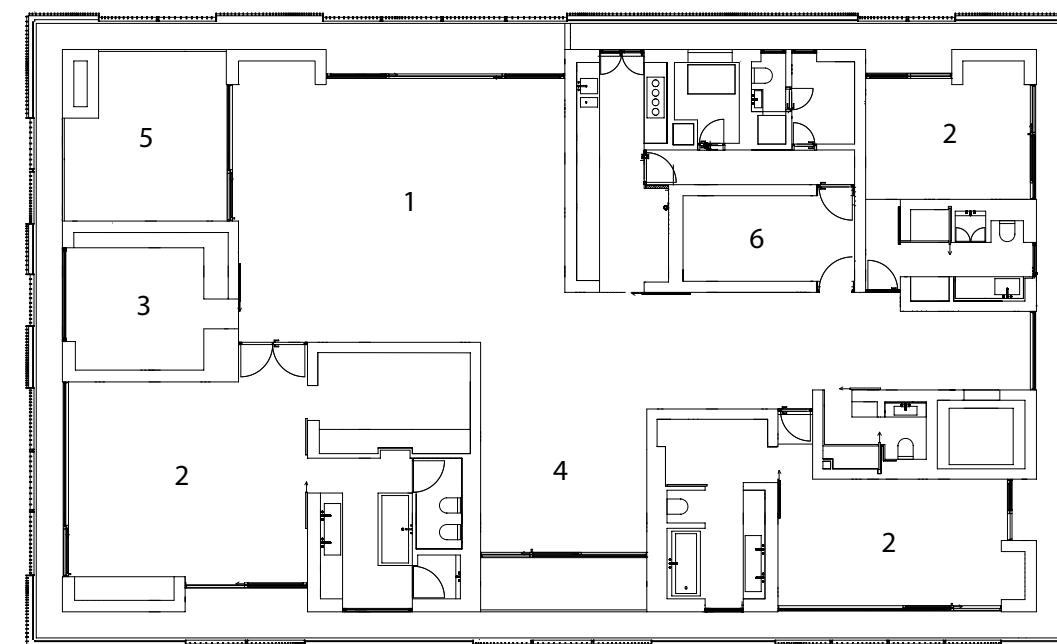
Through series of diagram, analyze
programs, facades, form, and intentions
of Ninetree Village in Hangzhou, design
by David Chipperfield.



Nineatree Village by David Chipperfield is a luxury housing that is located in Hangzhou, China. It is located in a small valley, near a dense bamboo forest. It has twelve individual units that are arranged in a chessboard pattern in order to maximize the open space for each unit. Each unit has a roof garden for the residents to grow vegetation.

All buildings are connected through underground parking. Each building is built with five proportioned apartments. Each floor is about 450 sq. meter.

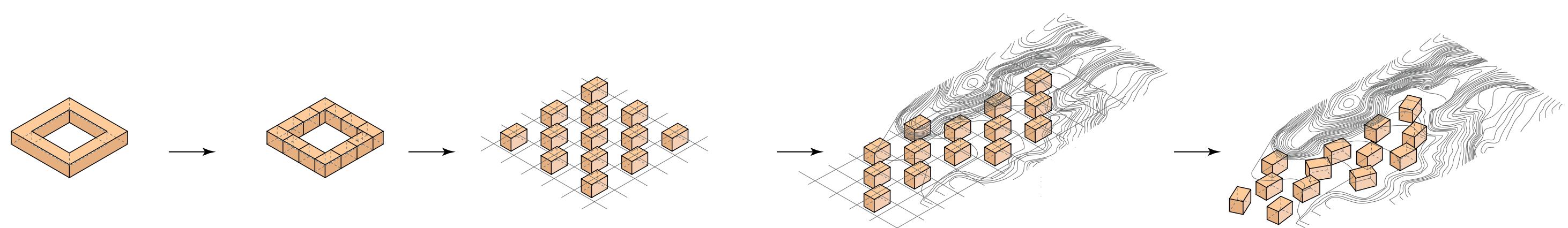
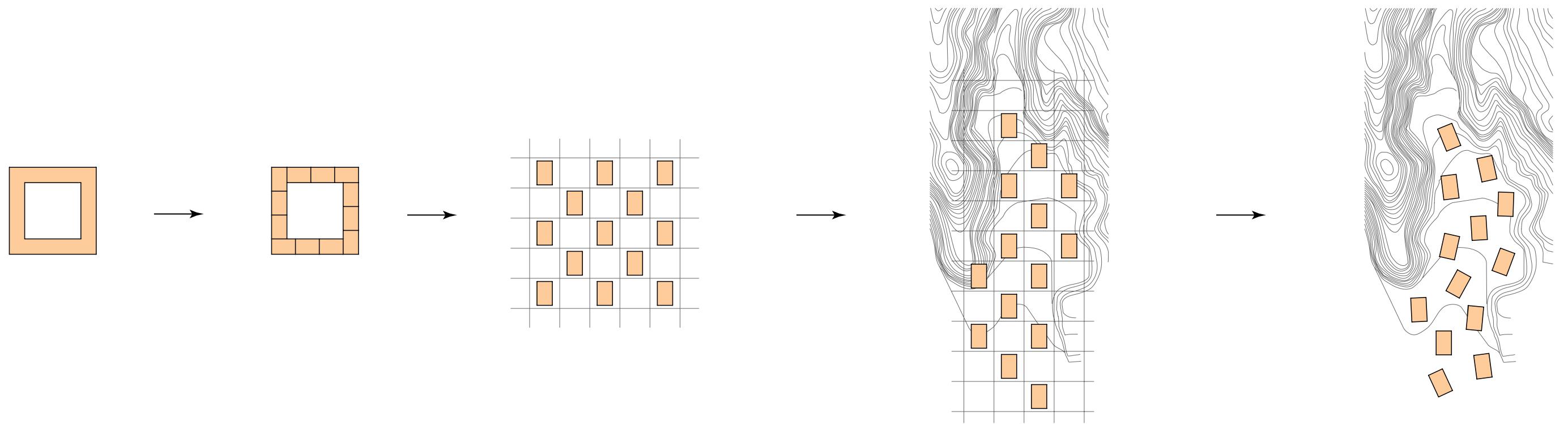
The exterior skins not only portray the Chinese culture and traditions, but also protect the privacy of the residents. The density of the skins are defined through the sunlight and the programs in the units. Some of the parts are moveable in order to give the residents more freedom and choices.



Legend

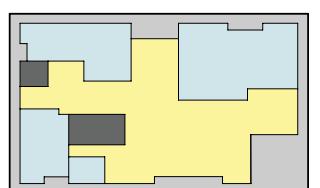
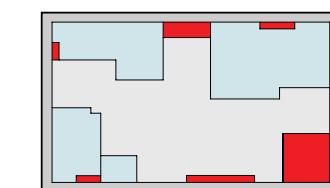
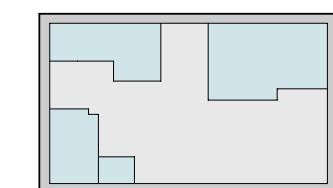
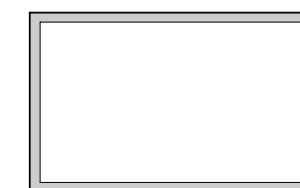
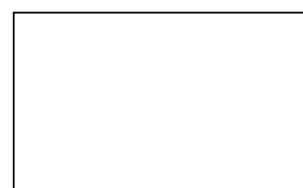
- 1. Living Room
- 2. Bedroom
- 3. Study Room
- 4. Dining Room
- 5. Loggia
- 6. Stairs

Morphology Diagram

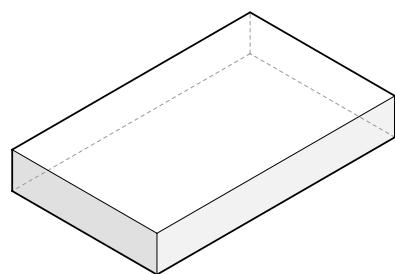


Program Diagram

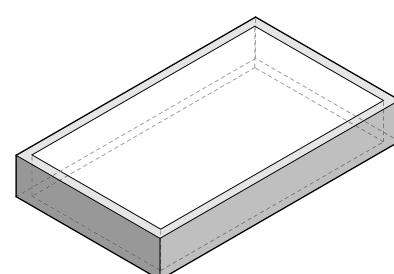
Each side of the units has windows in order to maximize the views. Programs with more privacy are spread out and separated from each other to allow more privacy.



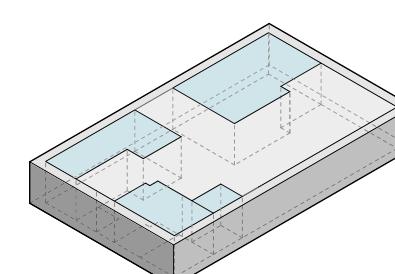
box



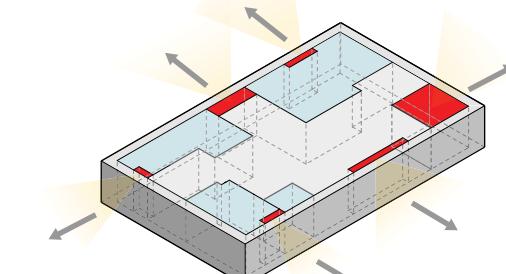
loggia



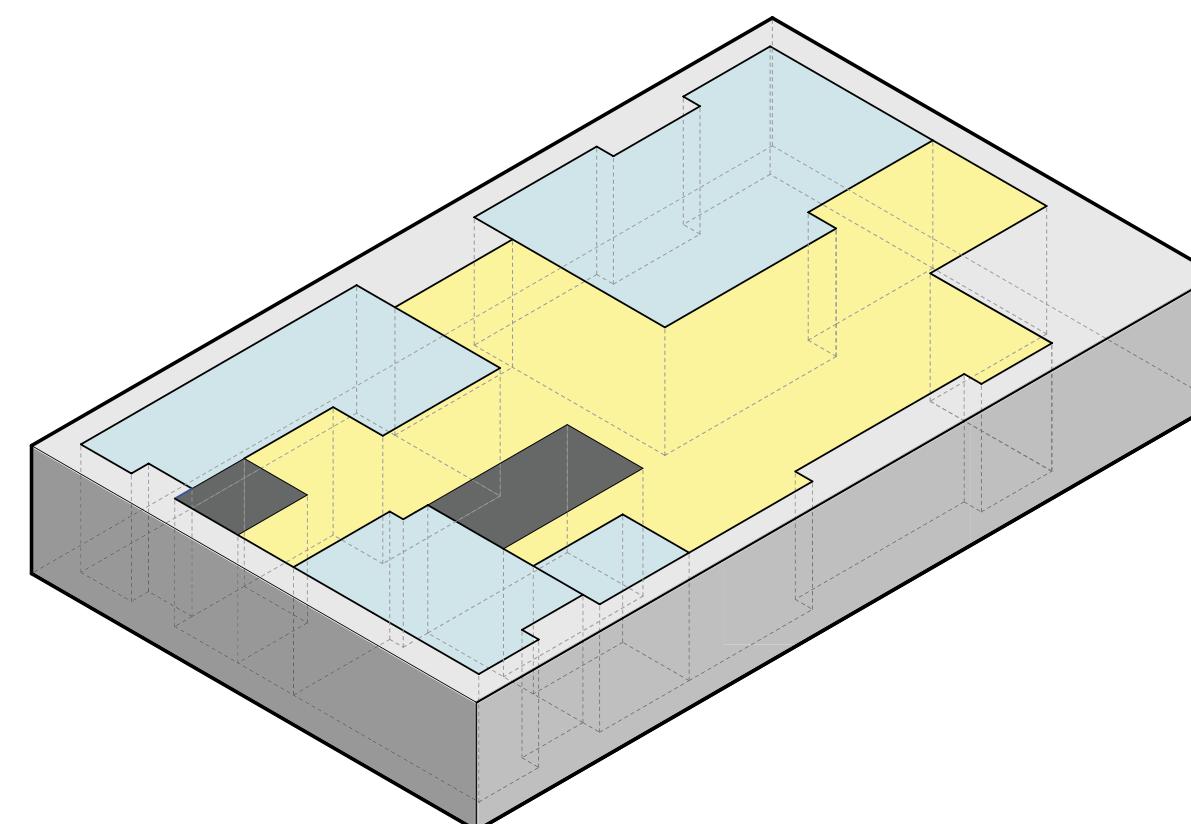
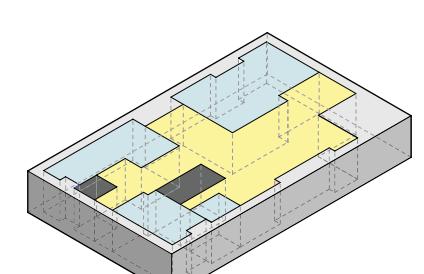
private spaces



windows & opening
for view and light



circulation and shared space

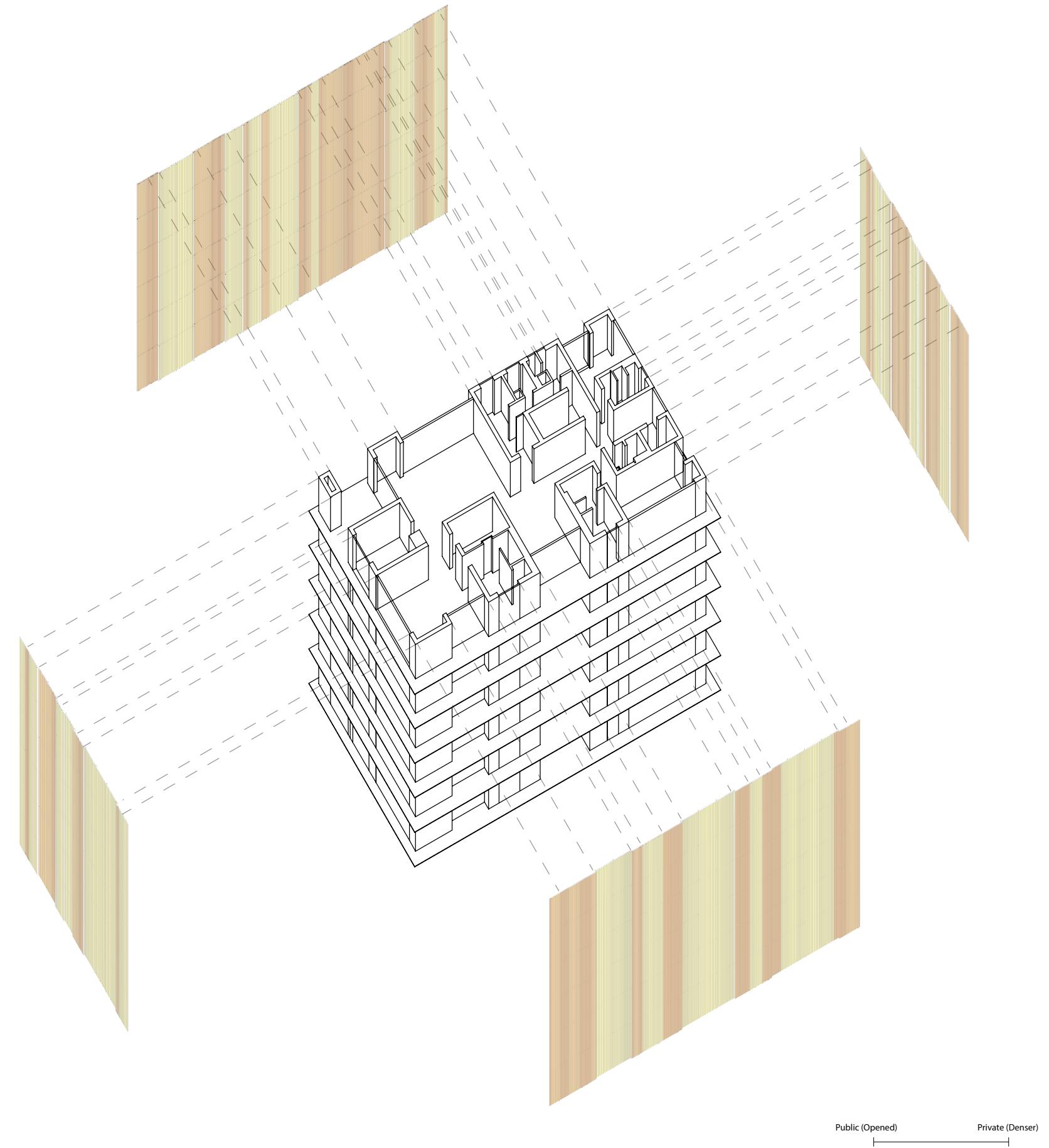


- shared spaces
- private bedrooms
- stairs and elevator
- loggia / opening

Facade Diagram

Each buildings are surrounded with wooden cladding, which is responding in density according to the level of privacy which is required in different programs of the home.

Shared programs such as living rooms that require less privacy have less dense facade. Therefore, more light can come in.



Urban Analysis



Solid/Void Diagram



Horizontal and Vertical Grain Diagram



Urban Green Space Analysis



Comparing Green Space Around The Site and Across From The Site

