



PROSPECT MANSION

ENTRANCE

AIB
EXHIBITION
HALL
展厅

PROSPECT MANSION

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THESIS PROJECT | 2020-2021

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MORAN

3RD MAY, 2021

PRATT INSTITUTE | SCHOOL OF
DESIGN | UNDERGRADUATE
INTERIOR DESIGN

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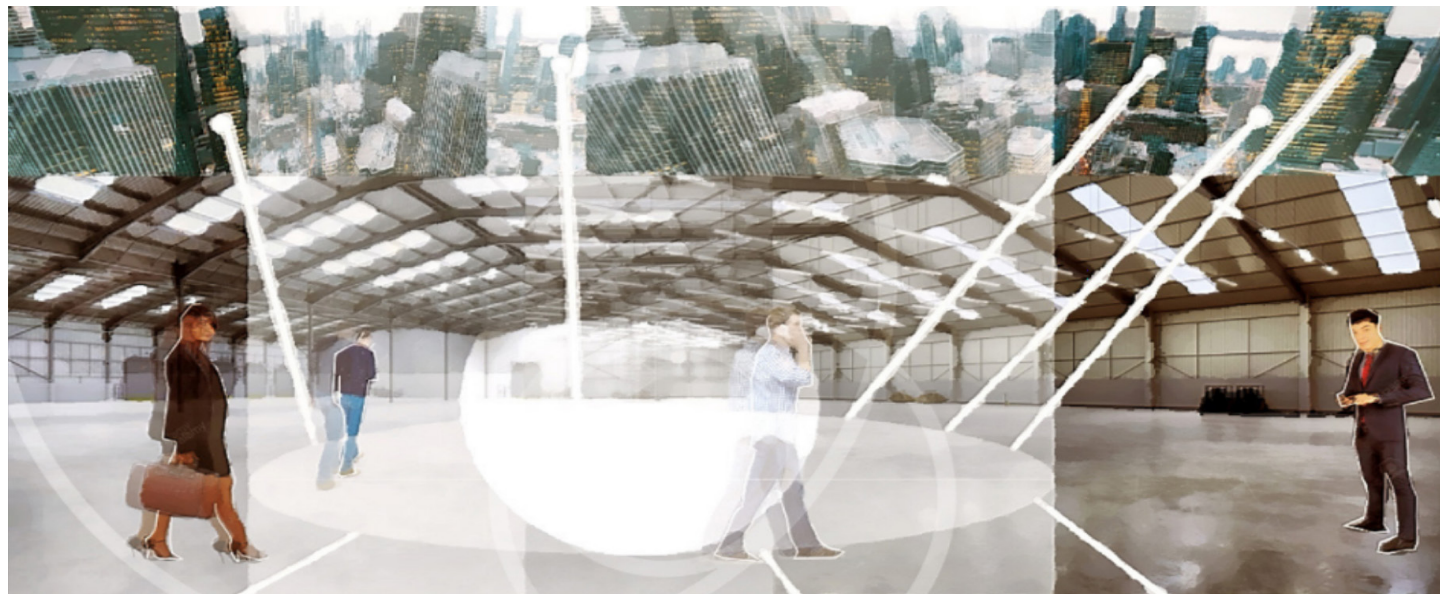
PROSPECT MANSION

REDEFINING THE LIFESTYLE

This project addresses how shared spaces could alter people's lifestyles. The program is a co-living/co-working community for young people who have just graduated from college. Young people moving to a new city can benefit through a community within the shared spaces devoted to social activities.

My space is not just accessible to the residents, but also welcome **all young people** who want to engage **more social connections** and explore more **possible future careers**.

My site is located in a young community in Shenzhen, China. I am using an exhibition hall, which was a factory building, of a contemporary art center to create a space welcome all people to come and learn from others.



Due to the fast development of technology, younger generations are nowadays spending much more time on their phones or computers other than **face-to-face communications**. However, online communication isn't a coefficient way for social experiences and it can cause misunderstanding between people. It has become even worse in the past year when the **pandemic** happened. In addition to the closed down of public entertaining places, people have now adapted online communication or activists as a new lifestyle. As social distancing seems to be a long-term situation we are going to face, I find that we need to recall people's attention to **physically make connection with each other**.

THESIS QUESTION:

How can public space encourage people connect socially?

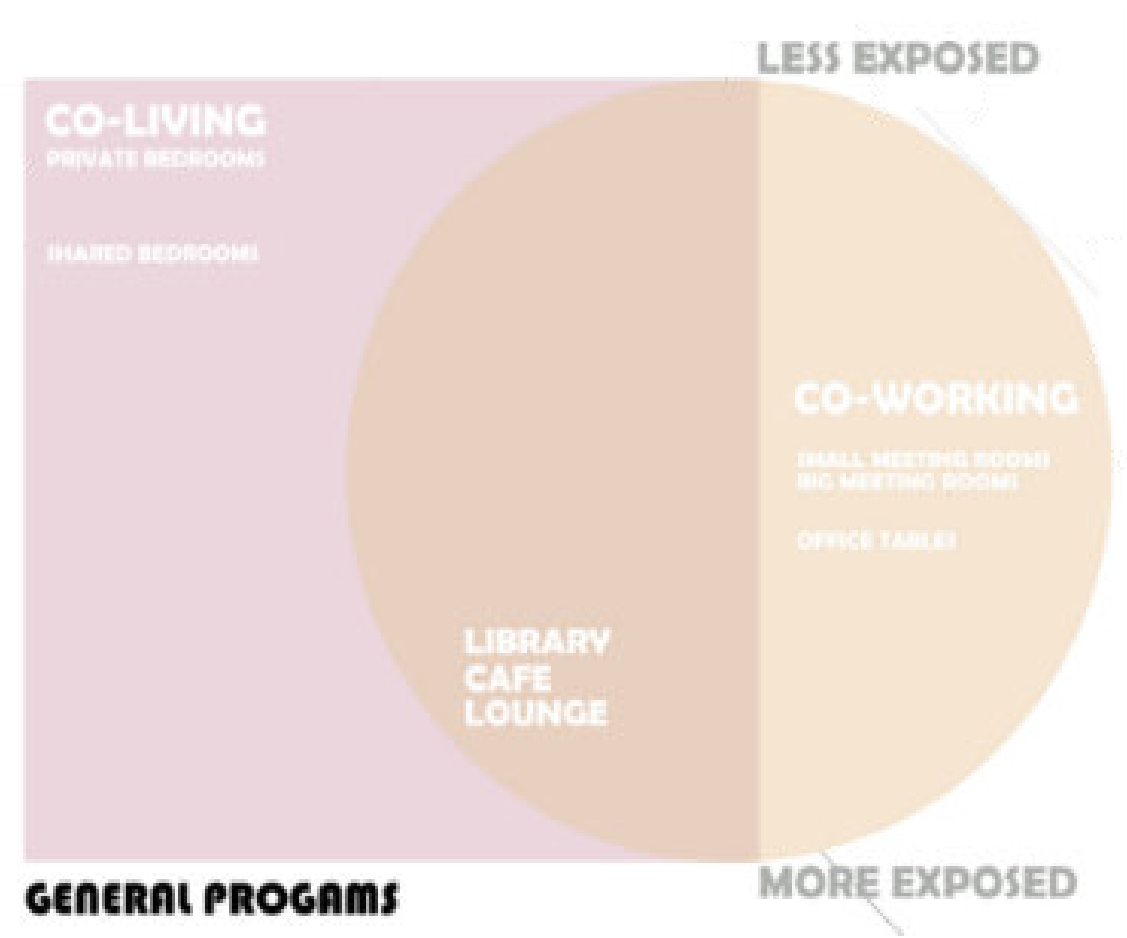
What kinds of spacial elements create better atmosphere for social activities?

According to my research, people tend to communicate more in open spaces such as meeting/conference rooms, restaurants, bars. Those places have less privacy and share spaces with others, which force people to interact with each other. As a result, I would like to explore the possibilities of open spaces, to encourage people for more offline social activities. Communication also means opportunities, so I would like to have invited elites from different industries to join.



FIEXIBLE PROGRAMS AND SPECIAL ACTIVITIES

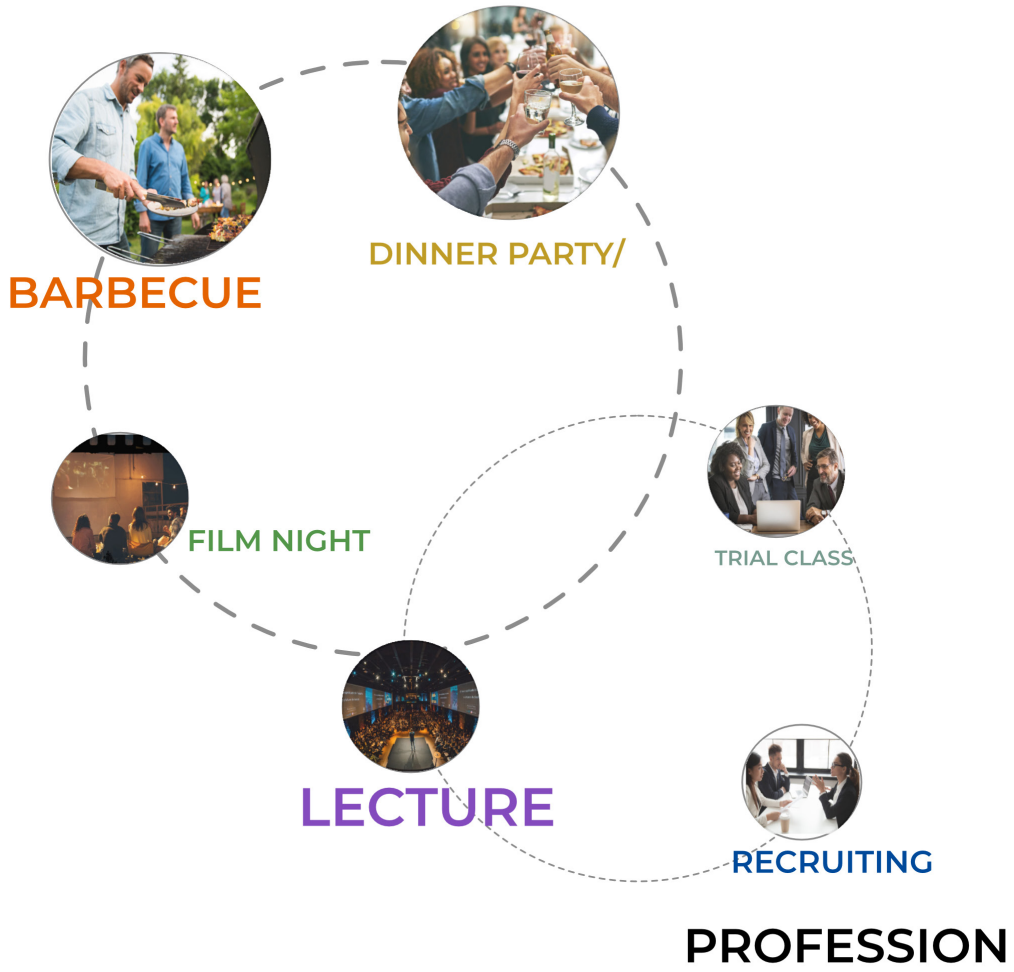
Multi functional spaces and Special designed activities for my clients



Except co-working and co-living place, I design programs like lecture hall, film lounge, cafe etc..to create more situation and space for them to meet and communicate to each others. In these programs, I am also having different designed activities for my clients, not only the residents, but also interested people living outside.

These activities are providing chance to meet different people and going to help them on learning knowledge and skills that are not their strengths or majors. By doing this may pushing their career into a higher level and helping them to find or change their life-long goals.

RELATION



Profession Related:
Small scale lecture: Future of Tourist Industry

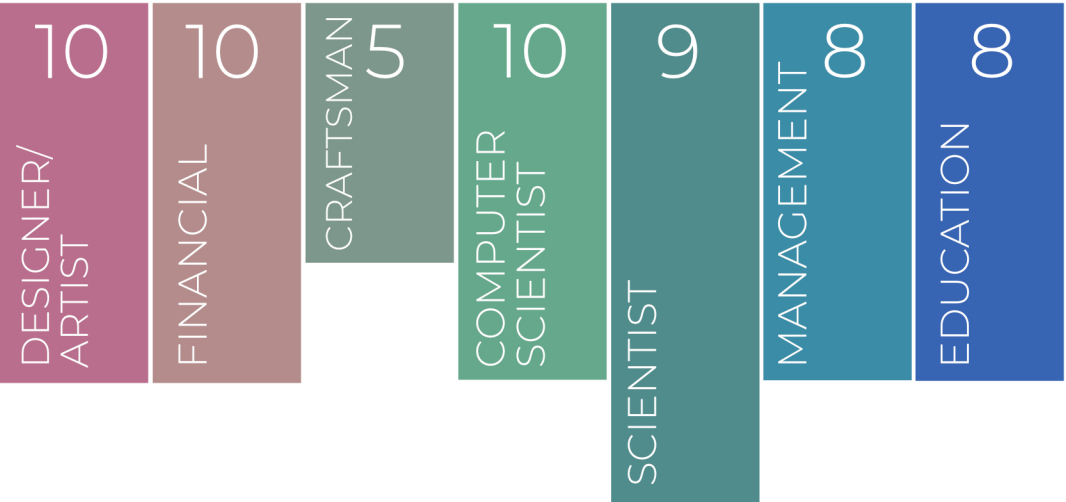
Personal lives:
Enjoy time with friends you just made!

Mix of Users and Spectrum of Expertise

Residents are selected into the mansion

Apply for membership → Check

Profession Composition



60 Members

13 Co-livers

47 Co-workers



Each member that enter the building will wear a color coded id card. The color is determined by their fields. It will be easier for people to recognize or find their interested people. Also, when they are working in the co-working zone, they will required to insert the card to the table. There will be colored light on the table when they do that. We encourage our members to make each working zone as colorful as they can.

David is a really skilled and smart computer programmer. However, he has hard time communicate with others so that his idea cannot be understand by his colleague and boss.

DAVID

Computer Programmer

He tries to take courses/lecture about ways of communication and learn the best way of express himself.

He starts to join the dinner party that we hold. Make friends with people works on sales/marketing to learn how to talk efficiently.

William is a bond trader. However, he does not love his job that much. He is hesitating about quitting but he does not really know what he want to do next.

WILLIAM

Bond Trader

He takes trial class on education and he finds out teaching is what he enjoy doing the most. As a result he decide to go the graduate school on education and start his teaching career after that.

Emma is a talented and experienced designer. She would like to start up her own design studio but she knows nothing about management.

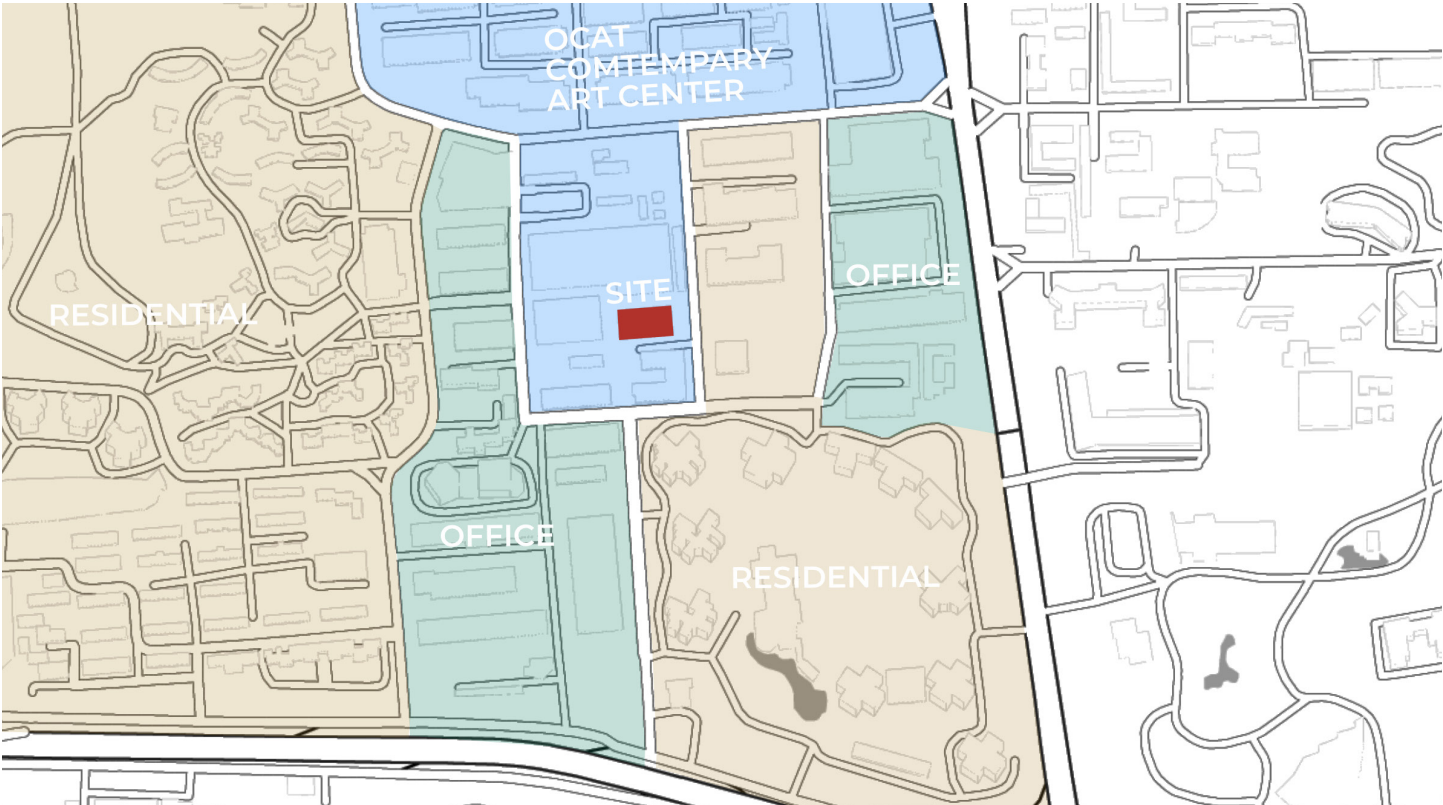
EMMA

She meet Jackson, who is a manager in a real estate company, in a barbeque night. They decide to be parter and start up a studio together.

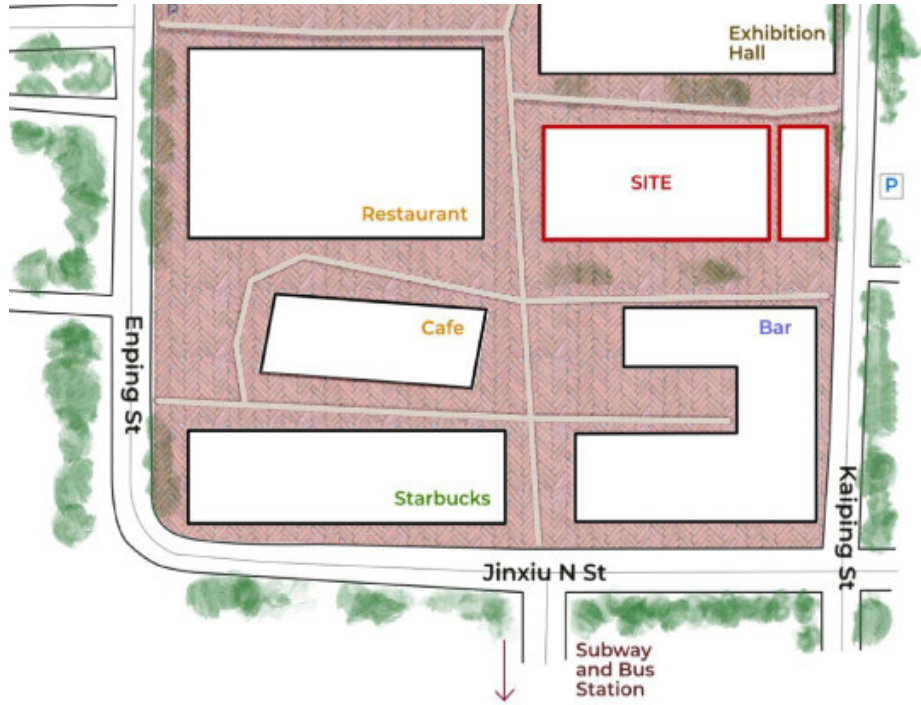
SITE: Hall A, OCAT, Nanshan, Shenzhen, China

Comtempary Art Center (former factory building)

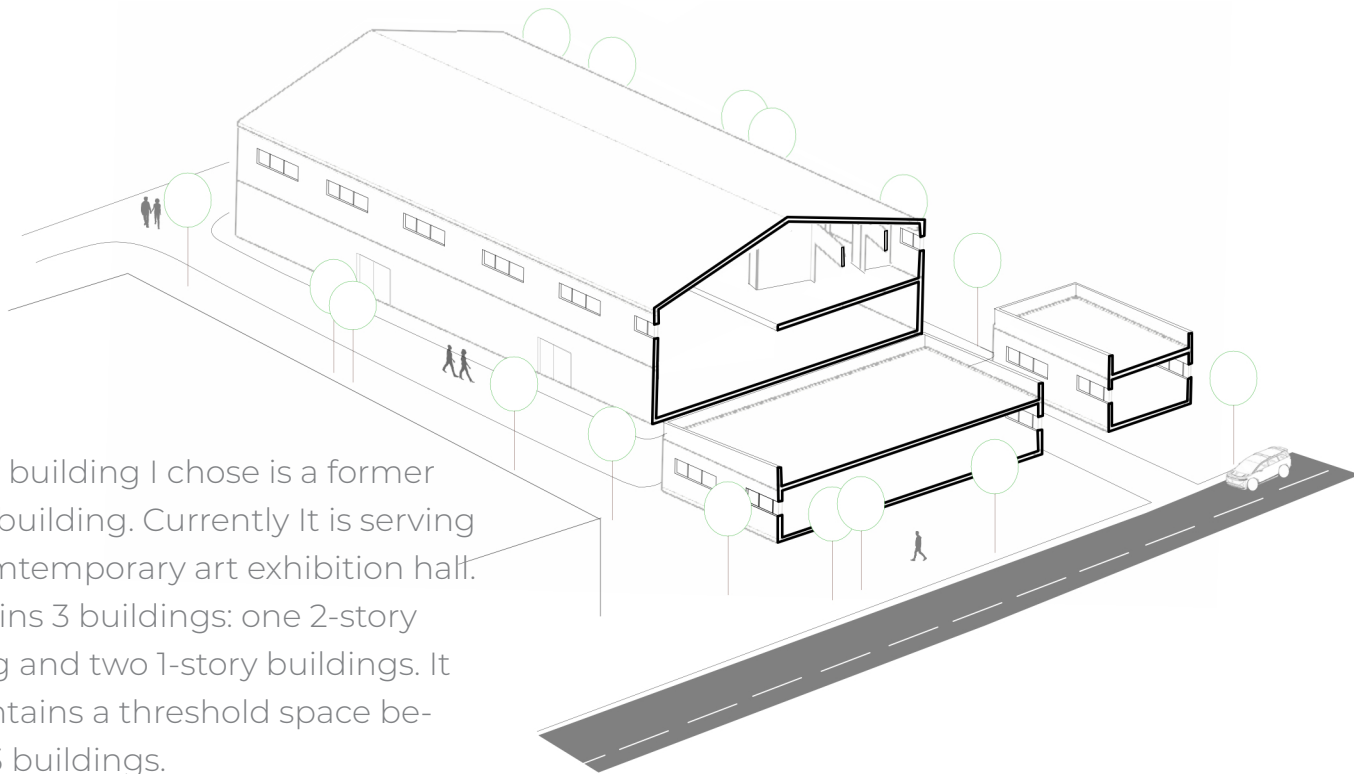
Shenzhen is located on the center of the Pearl River Delta, which is the most important district of technology in China. Thousands of young people move to the Delta area from all of the country every year.



My site is in downtown Shenzhen City. However, it is pretty quiet place because of the surrounding residential area. It is also very easy to access by public transportations. Both bus and subway stations are in 5 mins walk.

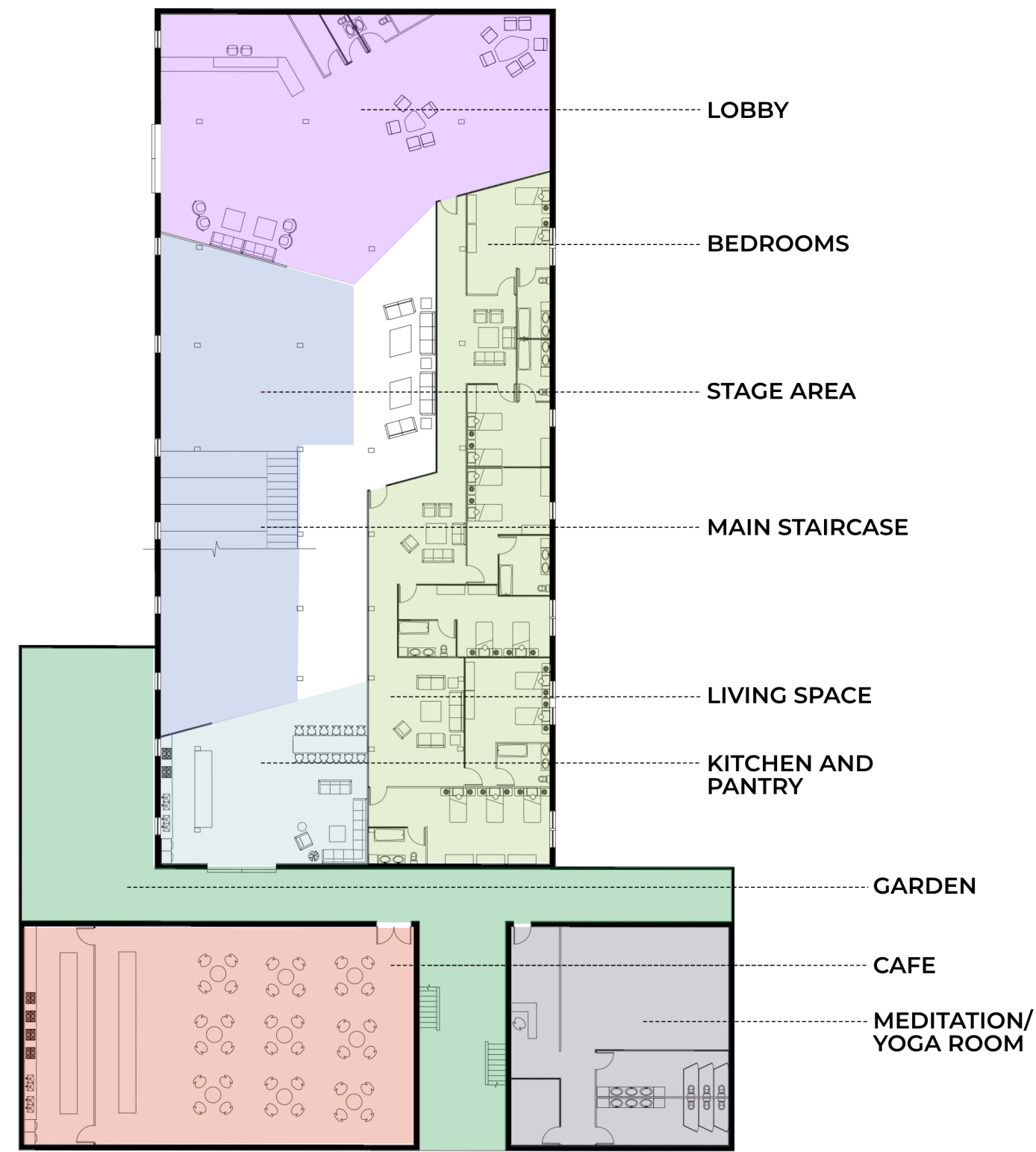


The site building I chose is a former factory building. Currently It is serving as a contemporary art exhibition hall. It contains 3 buildings: one 2-story building and two 1-story buildings. It also contains a threshold space between 3 buildings.

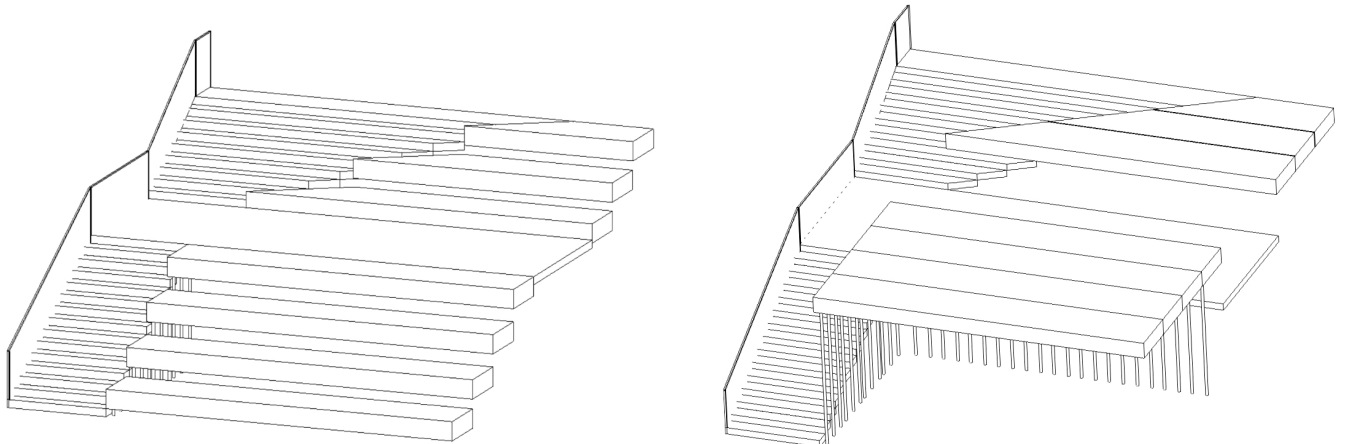
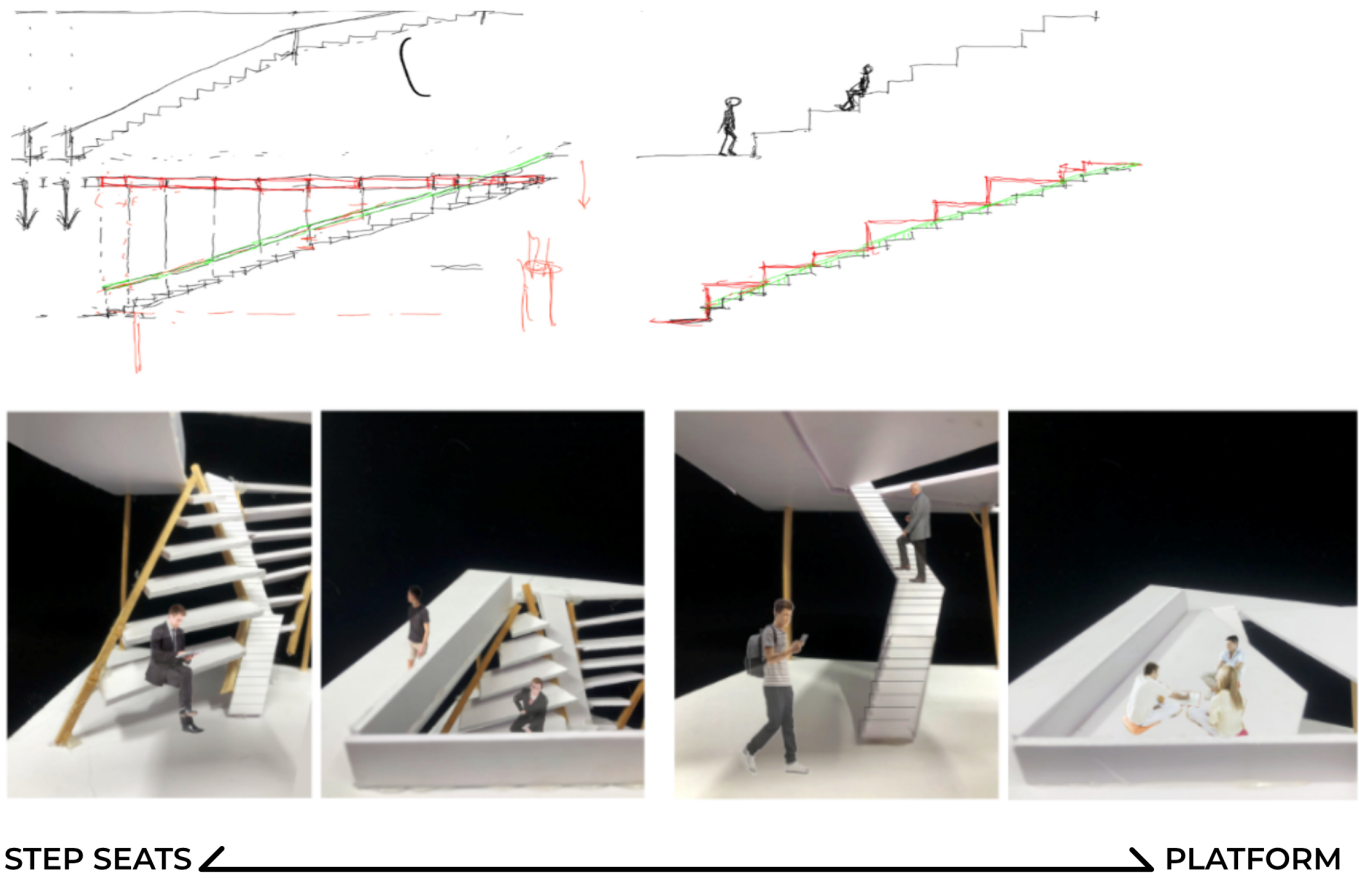


Floor 1 Plan

Program and Furniture layouts on floor 1

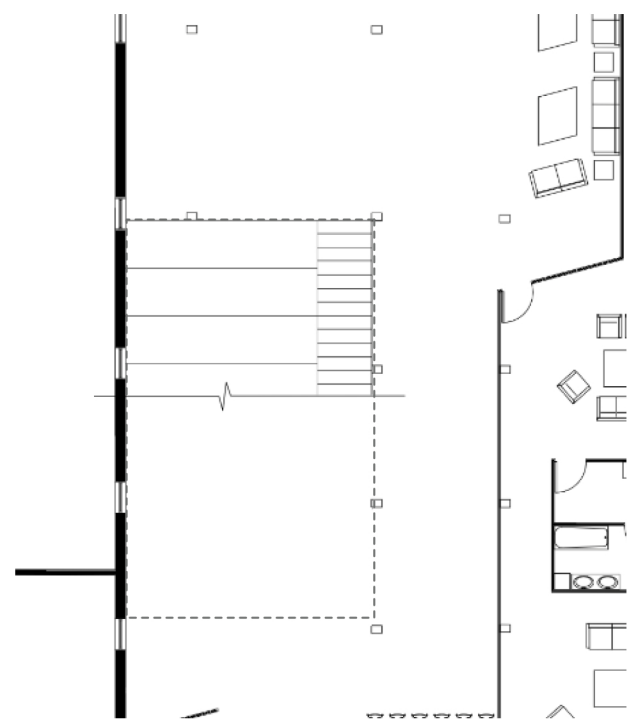


I am designing a convertible staircase in my space. In the daily routine, it is the floor of level 2, and while there are events happening in the first floor, the stair will come down and become the **step seating**. I also put the daily stair in my design to make this space **the most important space** of all.

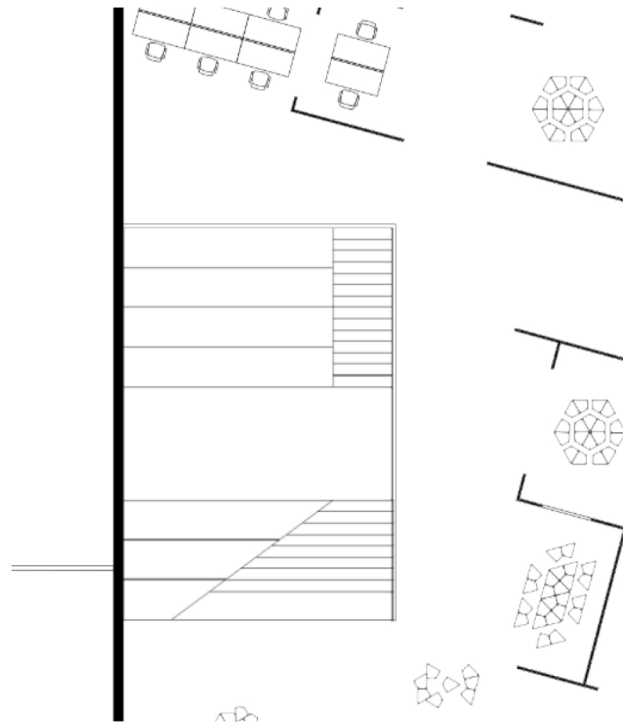


RECONFIGURABLE STAIRCASE

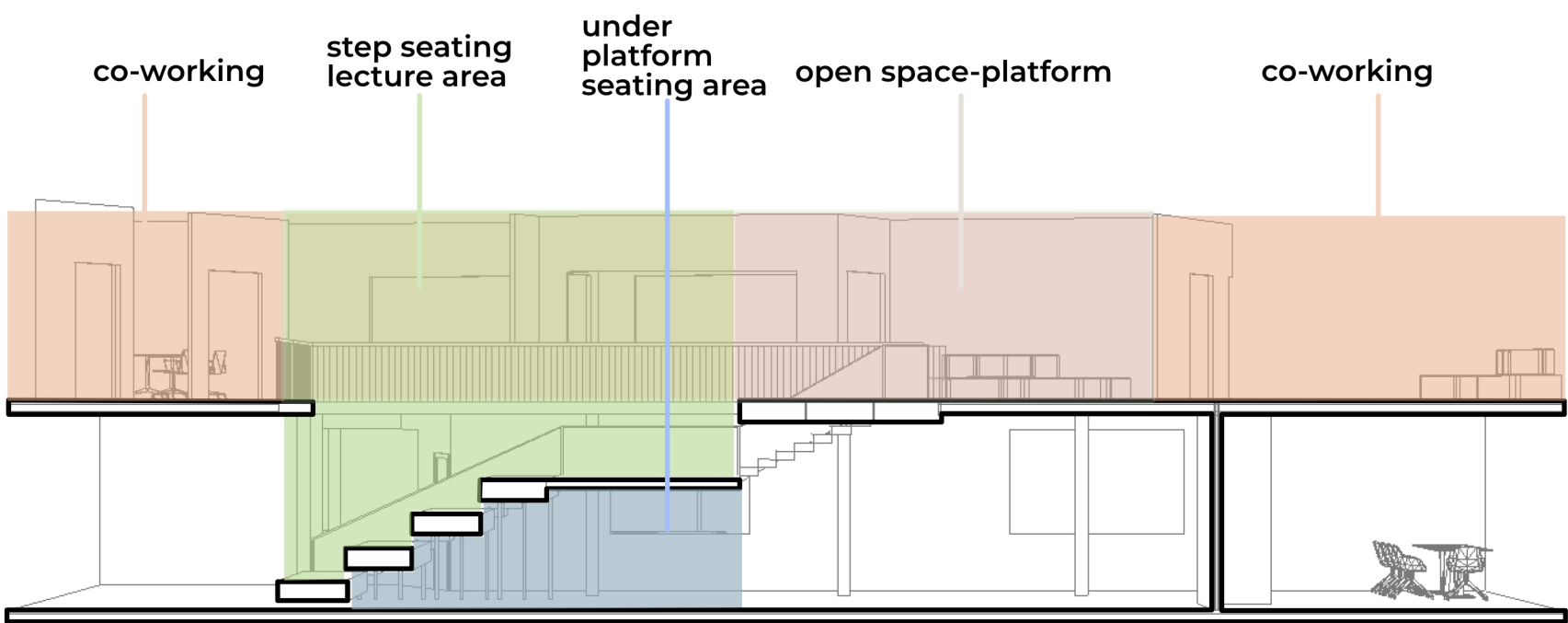
A special designed staircase system to have several multi-functional space at the same time



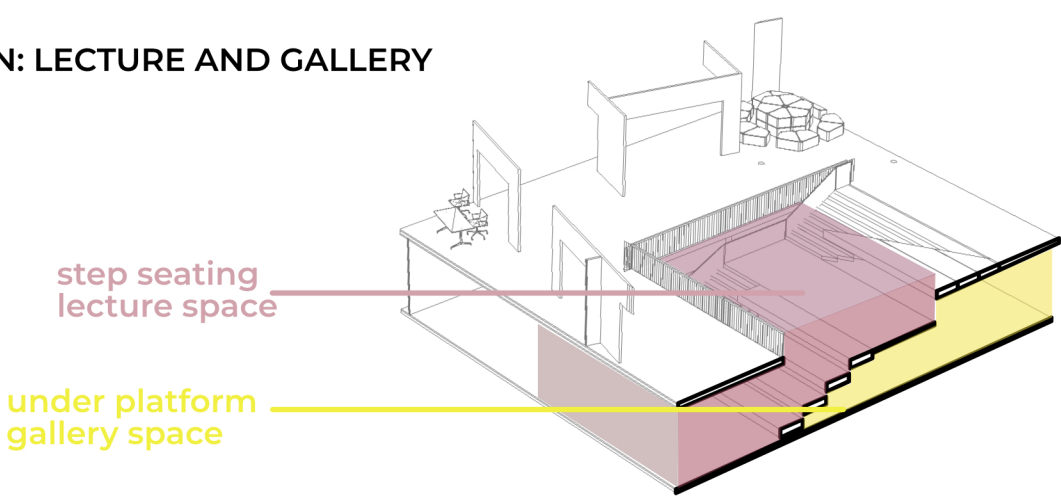
L1 PLAN



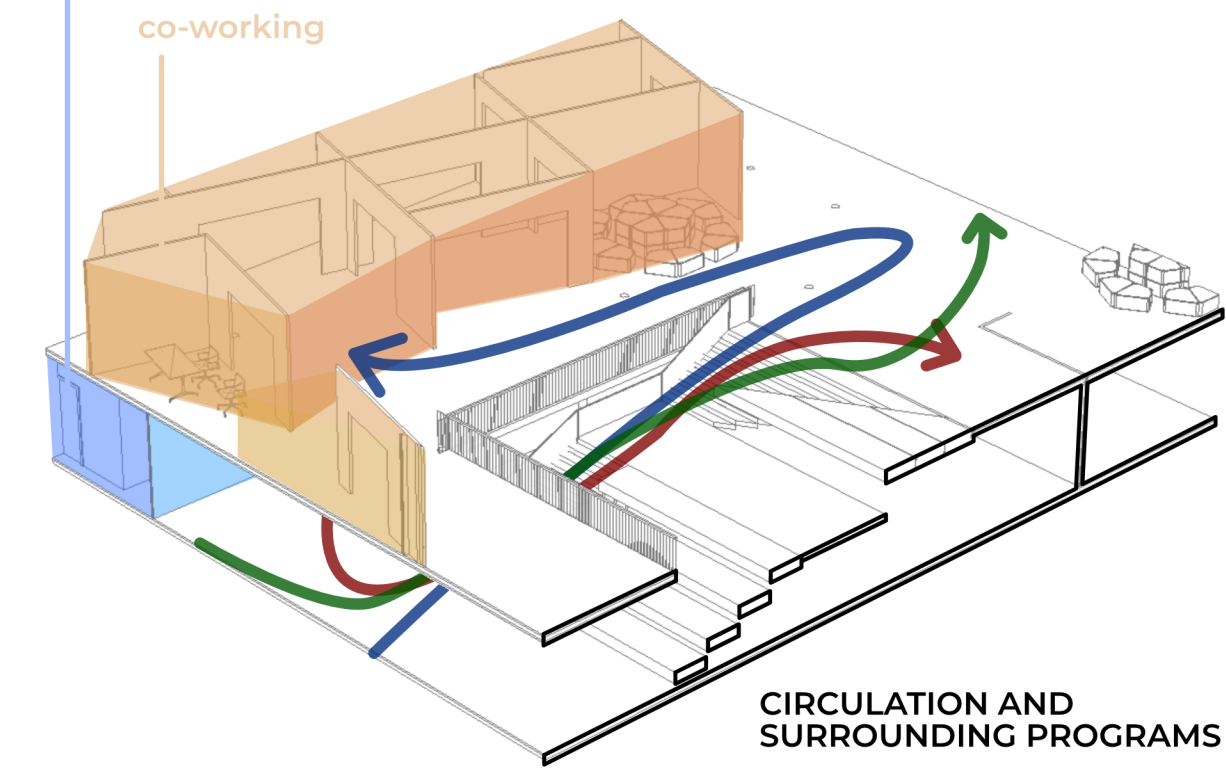
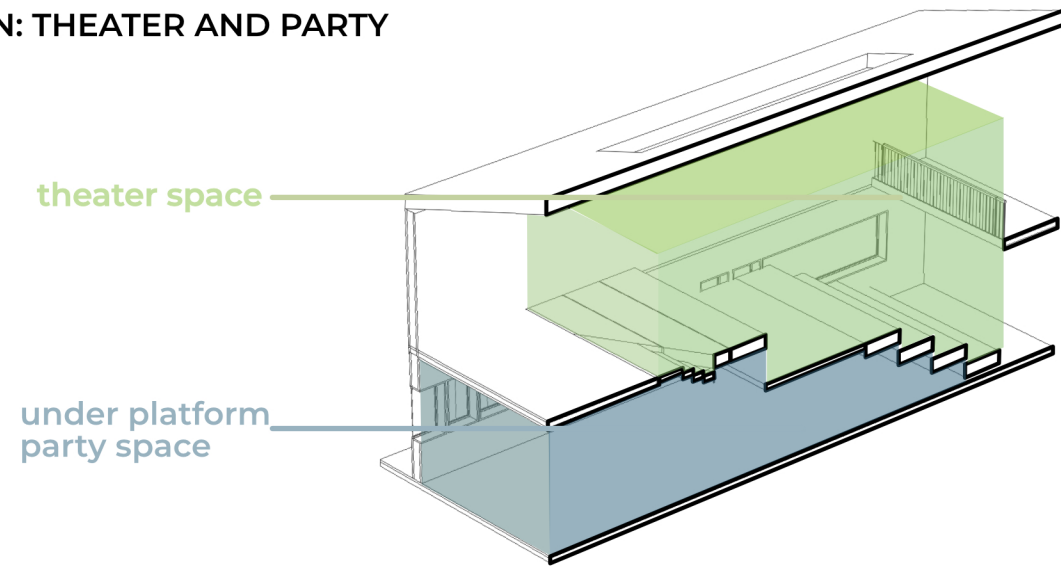
L2 PLAN



SECTION: LECTURE AND GALLERY



SECTION: THEATER AND PARTY

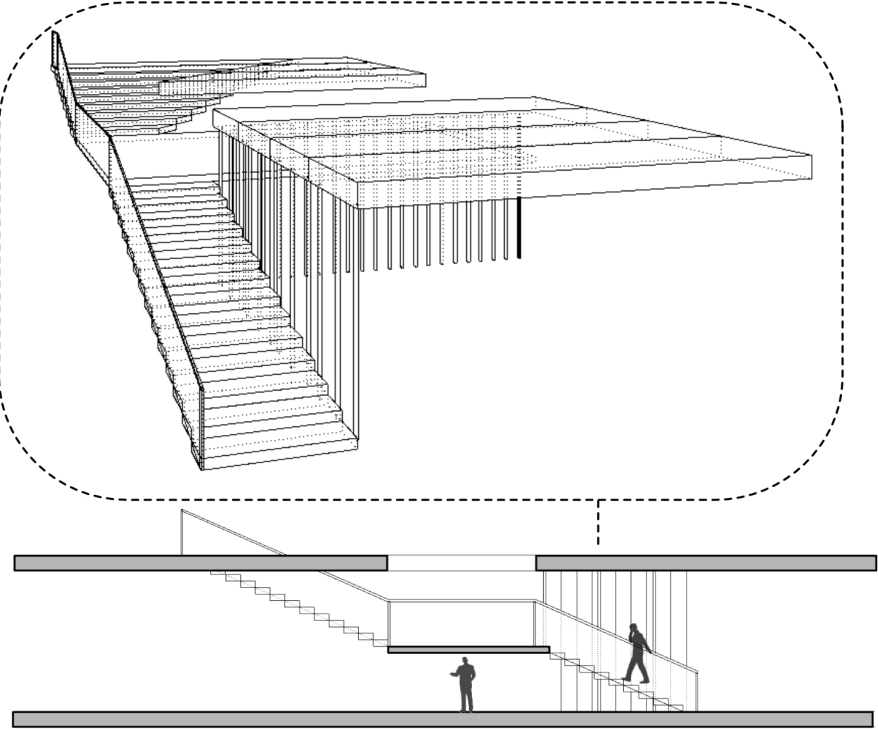


CIRCULATION AND SURROUNDING PROGRAMS

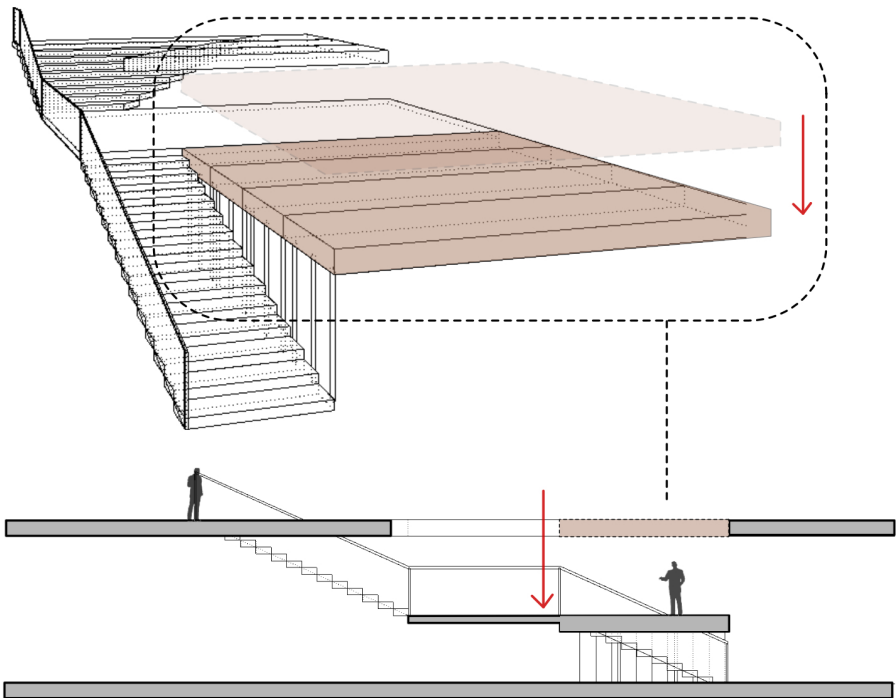
MOVEMENT OF THE STAIRCASE

mechanism and movement of the stair

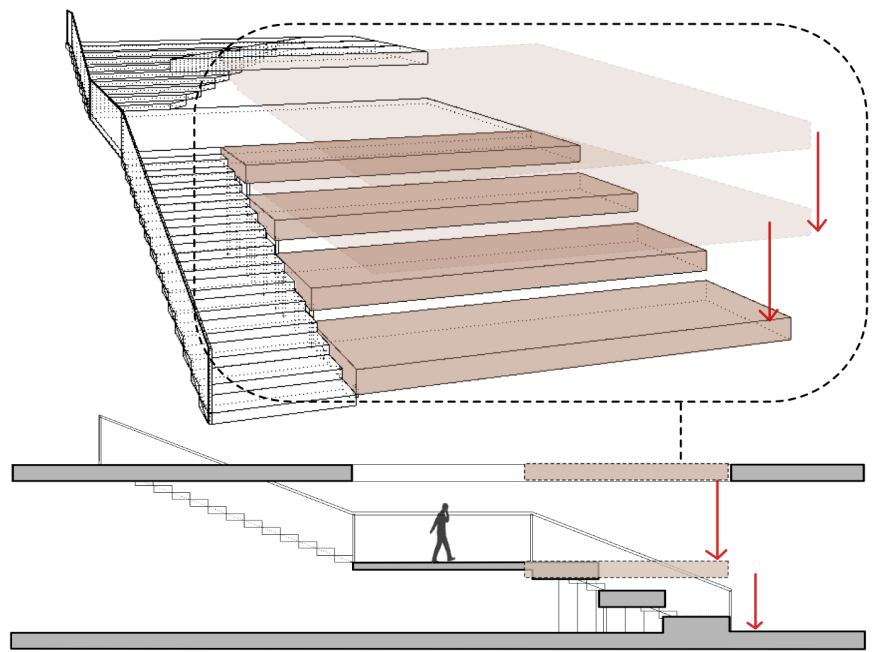
DAILY STATE



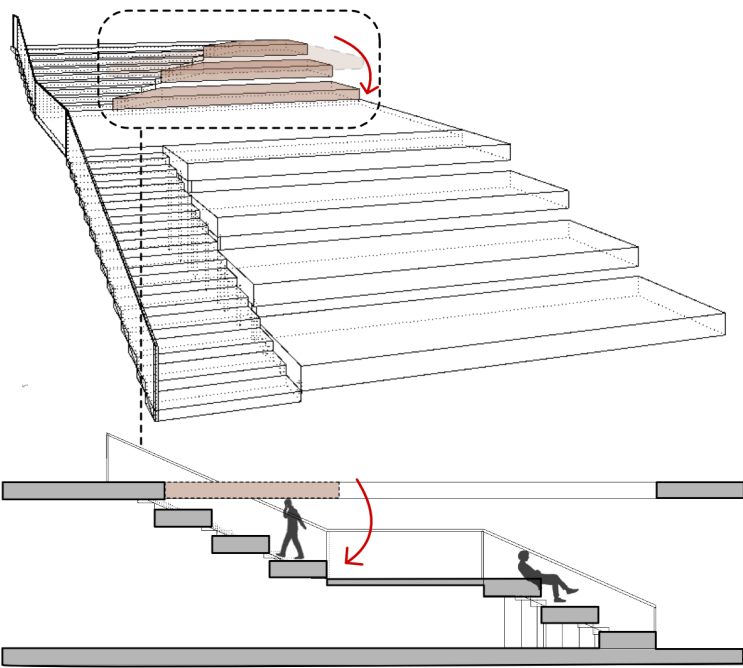
SMALL ACTIVITY (5-10 PEOPLE)



MEDIUM SCALE ACTIVITY (10-15 PEOPLE)



LARGE ACTIVITY (20+ PEOPLE)

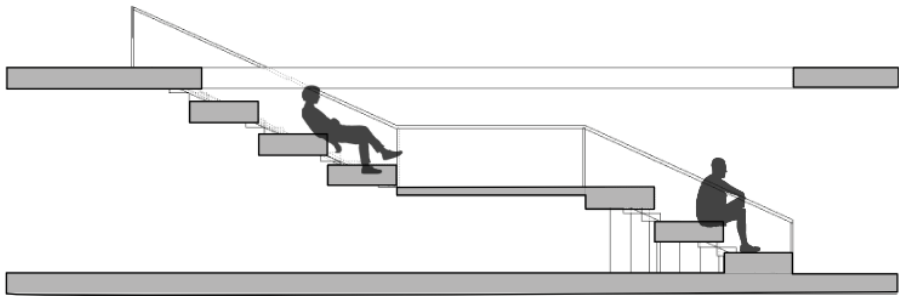
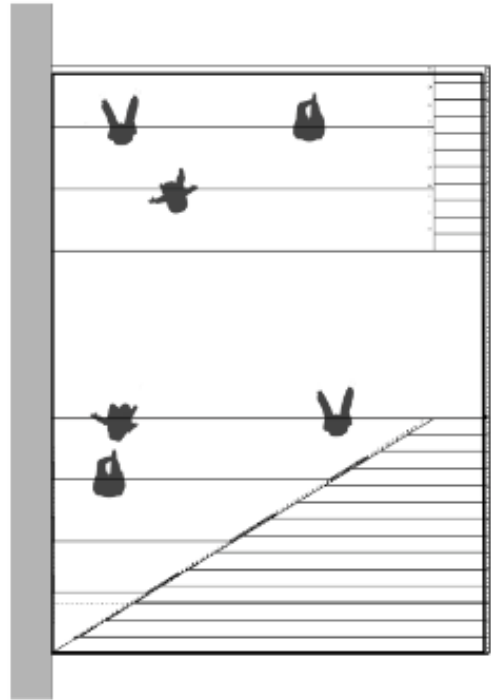


STAIR SPECIAL ONE ---- AUDITORIUM

A special designed staircase system to have several multi-functional space at the same time



Both of the front and further step seats comes down. The activity can be huge to have more than 20 people in the space. The big lecture or course and film night will be in this setting.

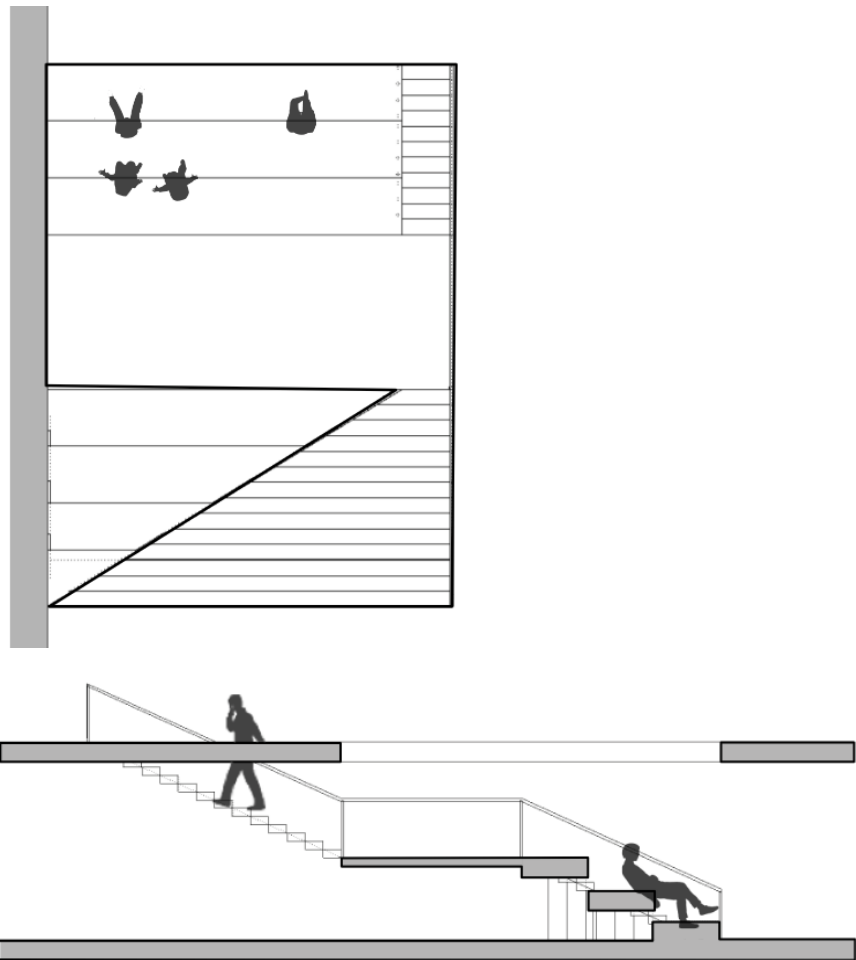


STAIR SPECIAL TWO ---- LECTURE HALL

A special designed staircase system to have several multi-functional space at the same time



When the front part of the seats come down, medium size activities can be held here. There will be 3 steps of step seats and the capacity will be about ten to fifteen people. Small lecture can happen here.

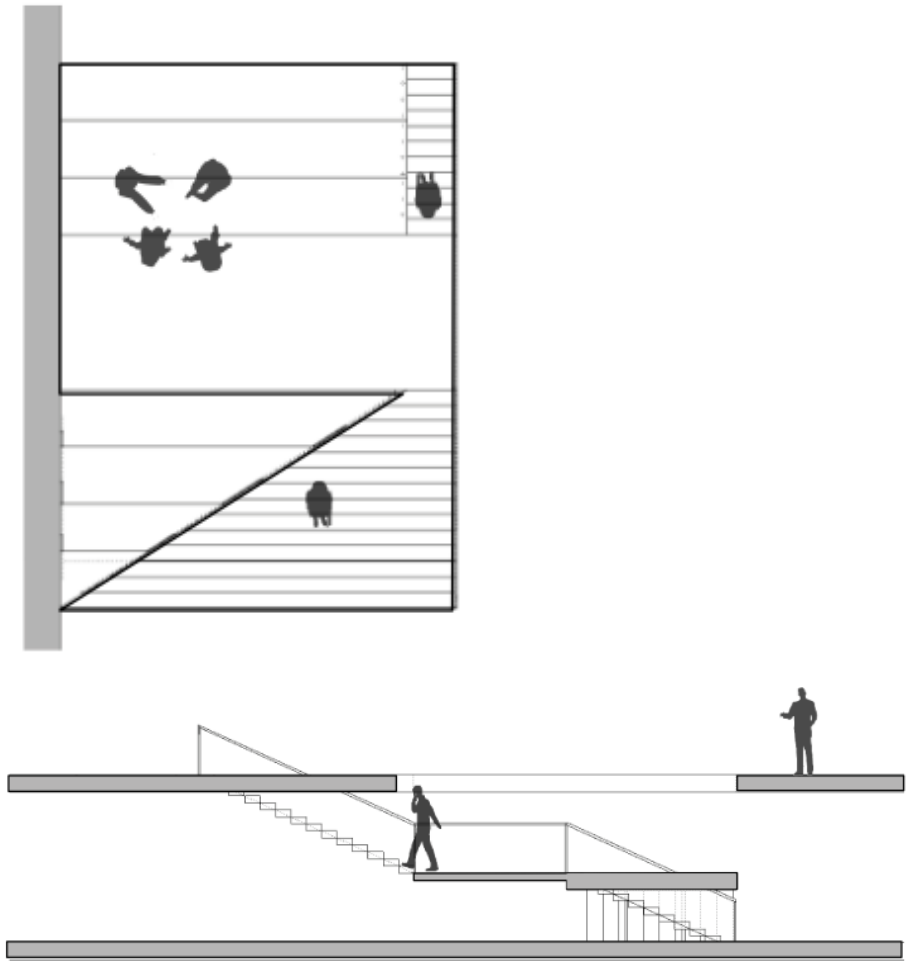


STAIR SPECIAL THREE ---- LARGE MEZZANINE PLATFORM

A special designed staircase system to have several multi-functional space at the same time



While the step seats comes down a little, it can connect to the existing mezzanine in order to have a bigger mezzanine space. Small activities like a seminar can be held here. People can still sit under the mezzanine and the upper stairs.

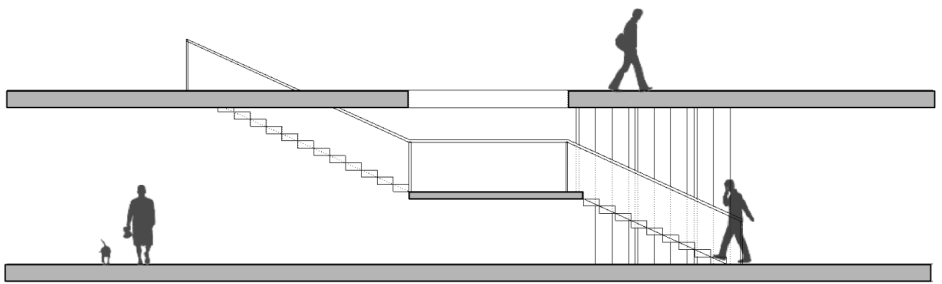
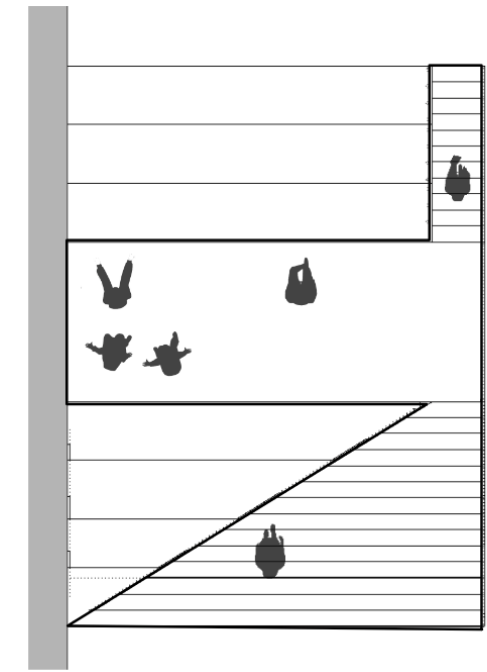


STAIRS IN DAILY ARRANGEMENT ----- A VARIED LANDSCAPE

A special designed staircase system to have several multi-functional space at the same time



The daily mode provides a mezzanine space and a sitting space under the mezzanine. It is about 5 ft height. People can sit on the ground and have some private conversation there. We will provide cushion on the ground. On the mezzanine, people can either sit or walk around it. The supporting structure of the upper floor also serves as the railing of the mezzanine.



Bedrooms

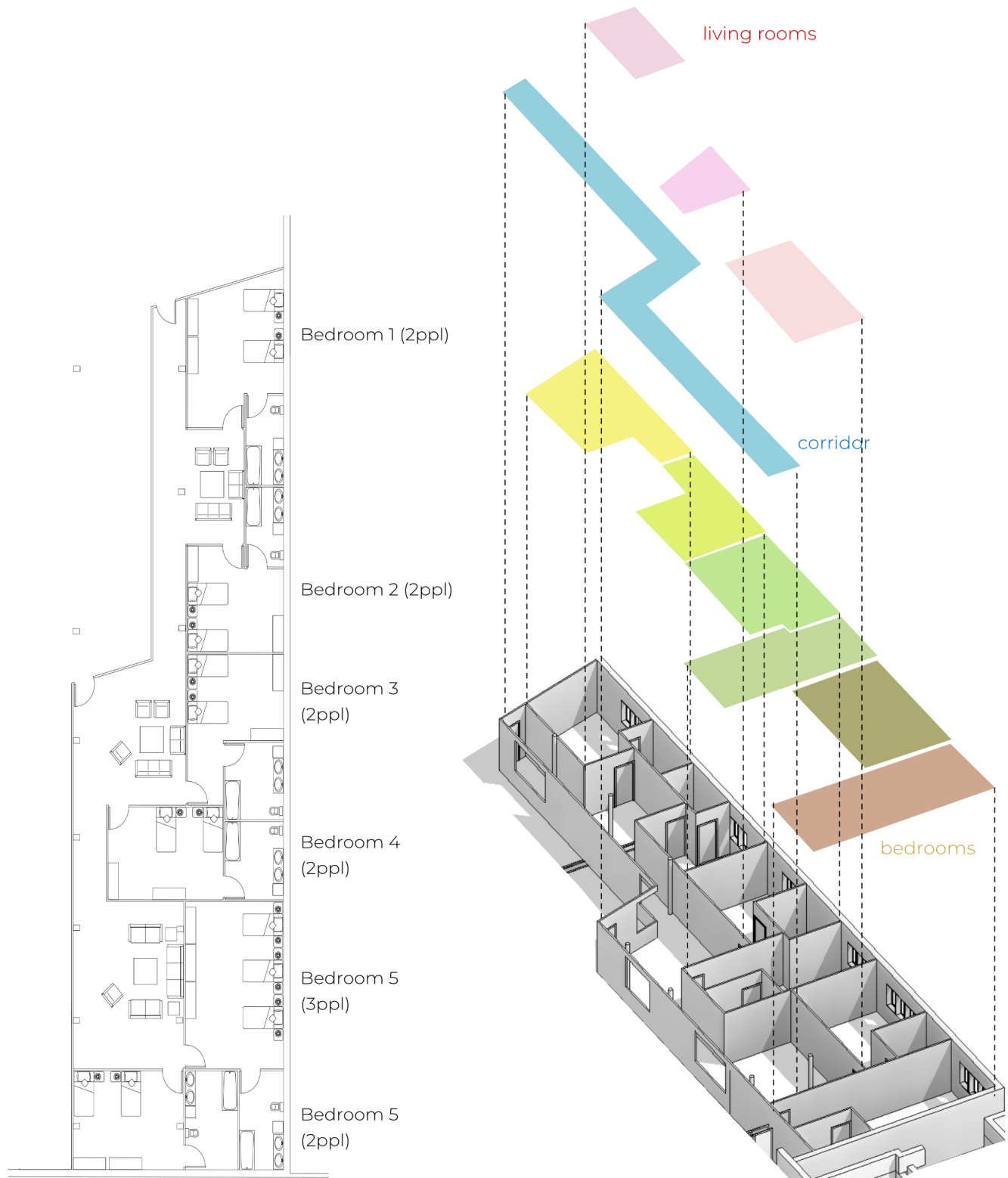


living room of one suite



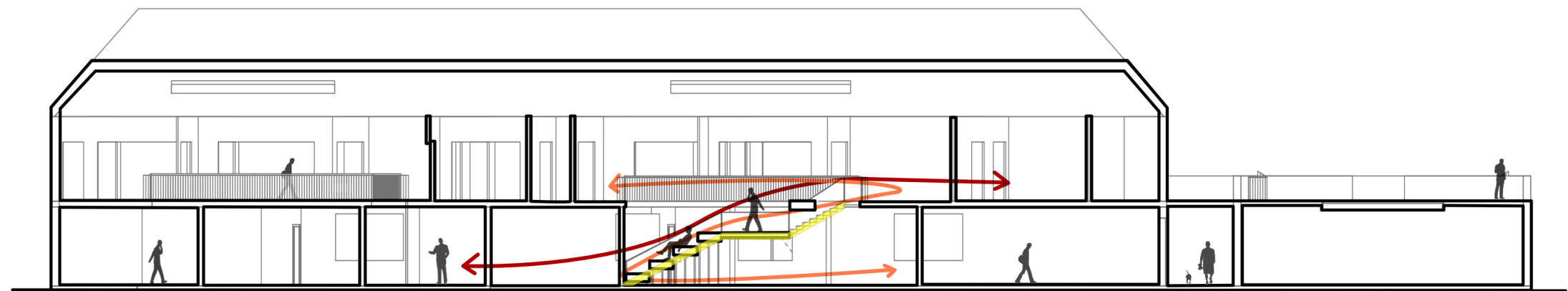
double bedroom

There are several different scales of bedrooms. 2 or 3 people are sharing one bedroom. The bedrooms are designed into suites so that 2 bedrooms are having a living room to share.

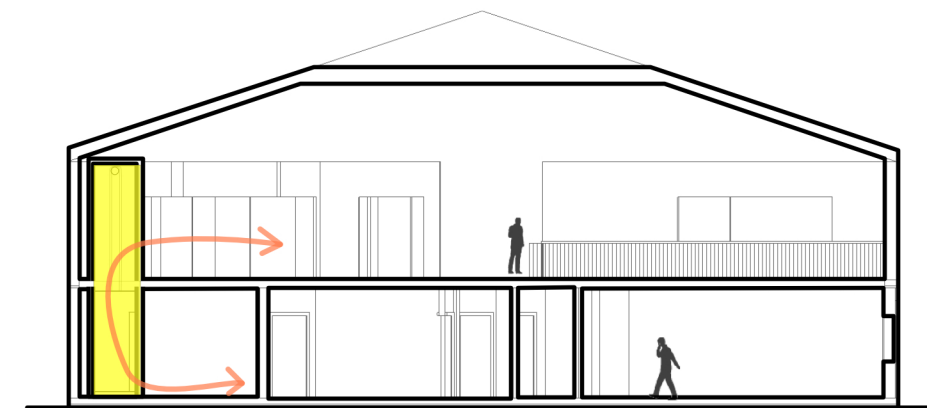


VERTICAL CIRCULATION

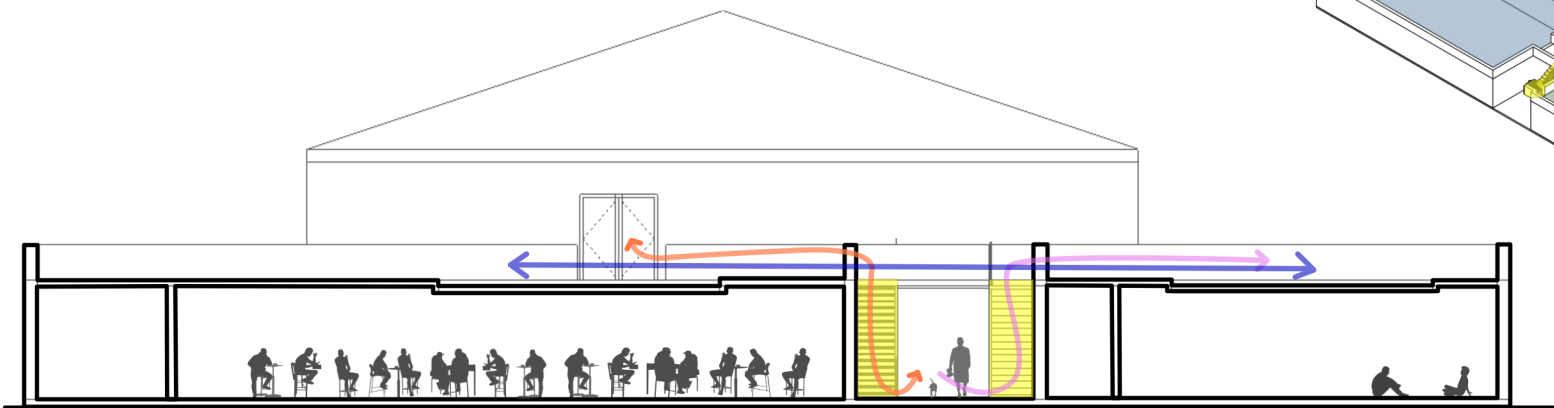
The 3 stairs and one eveevator in the building



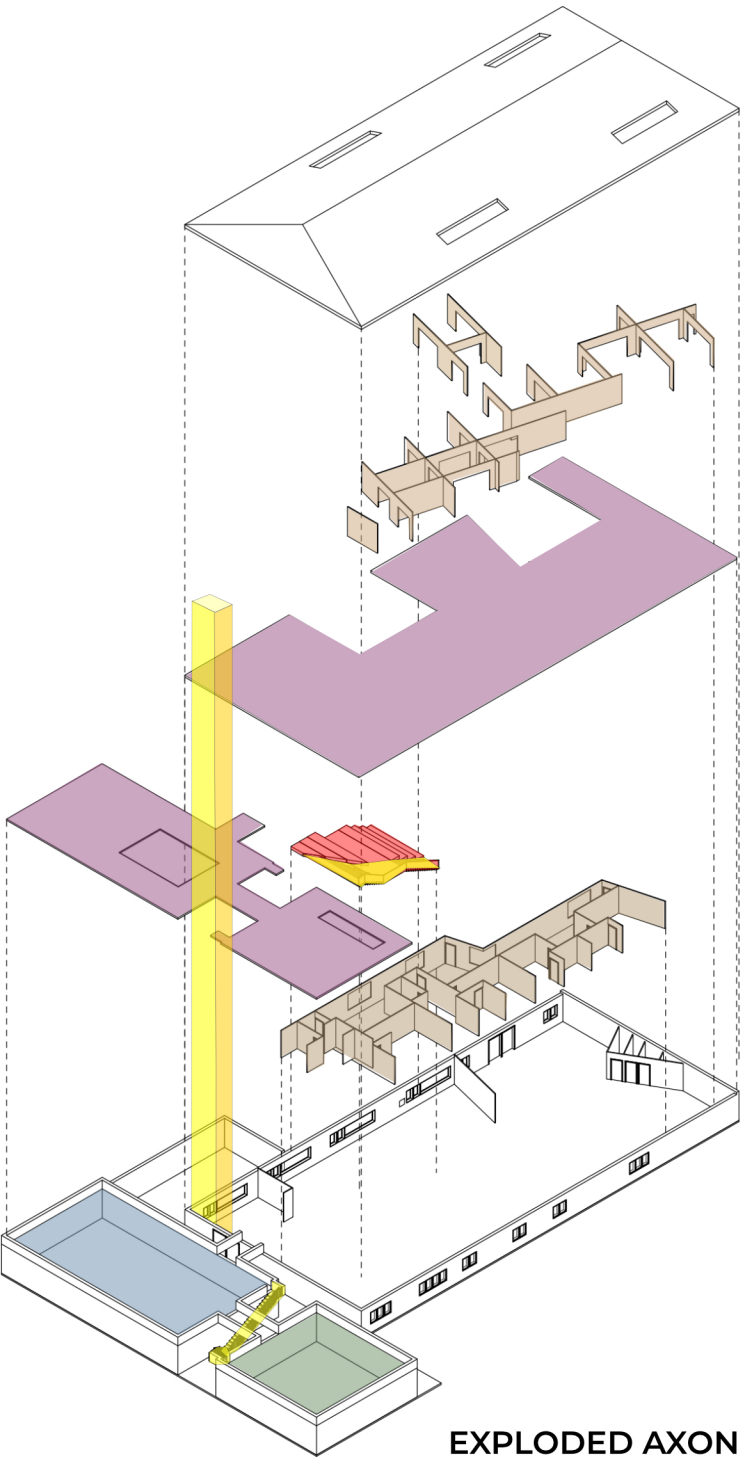
LONGITUDINAL SECTION



CROSS SECTION 1



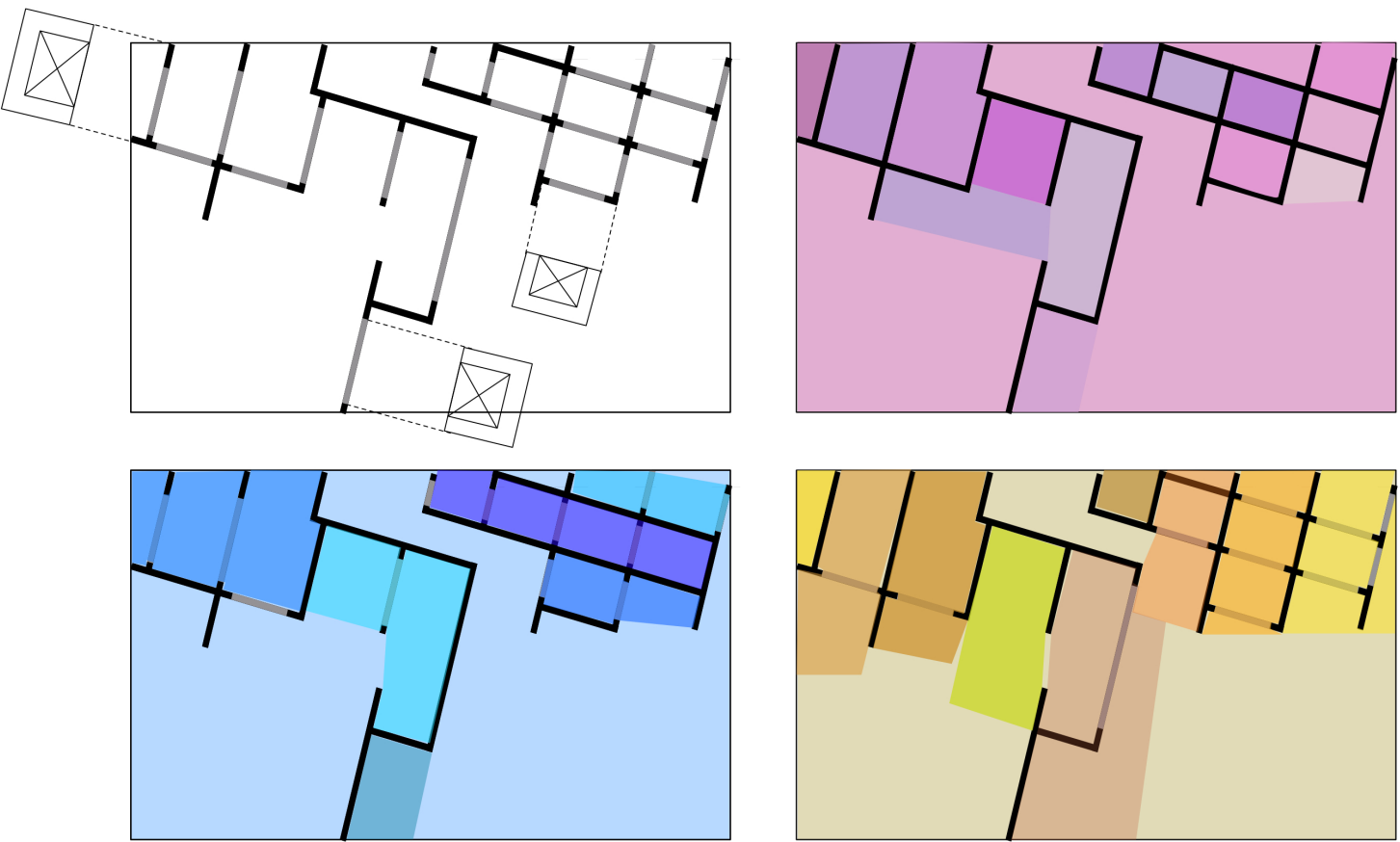
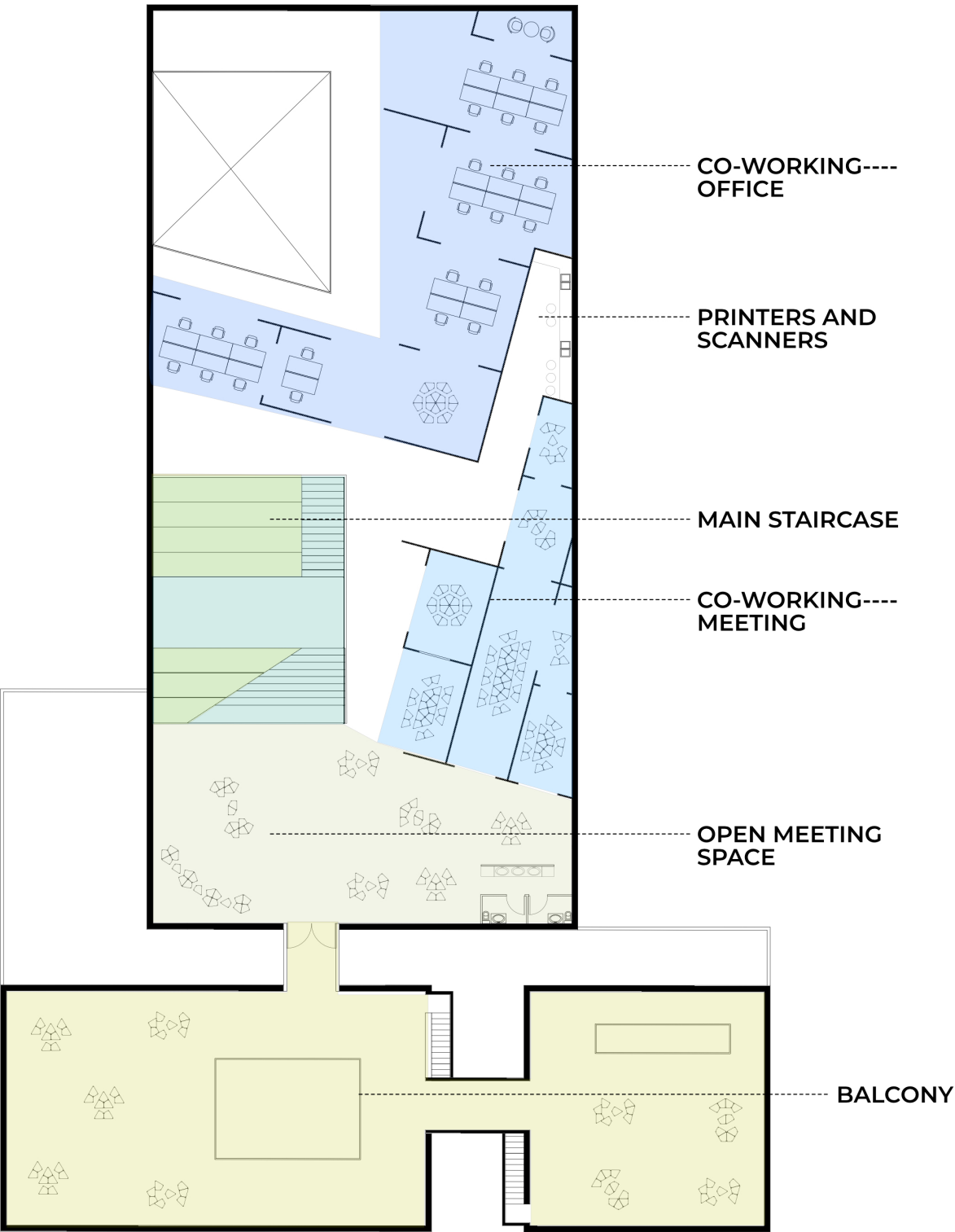
CROSS SECTION 2



EXPLODED AXON

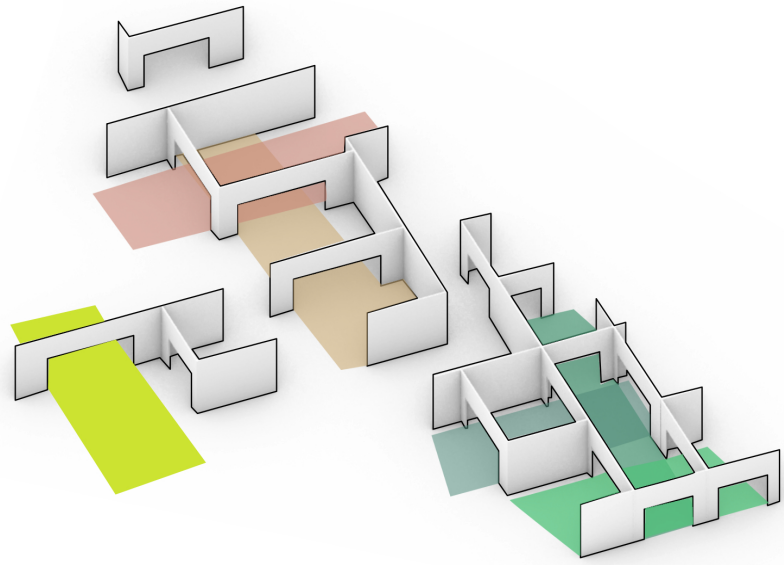
Level 2 Plan

Program and Furniture layouts on floor 2

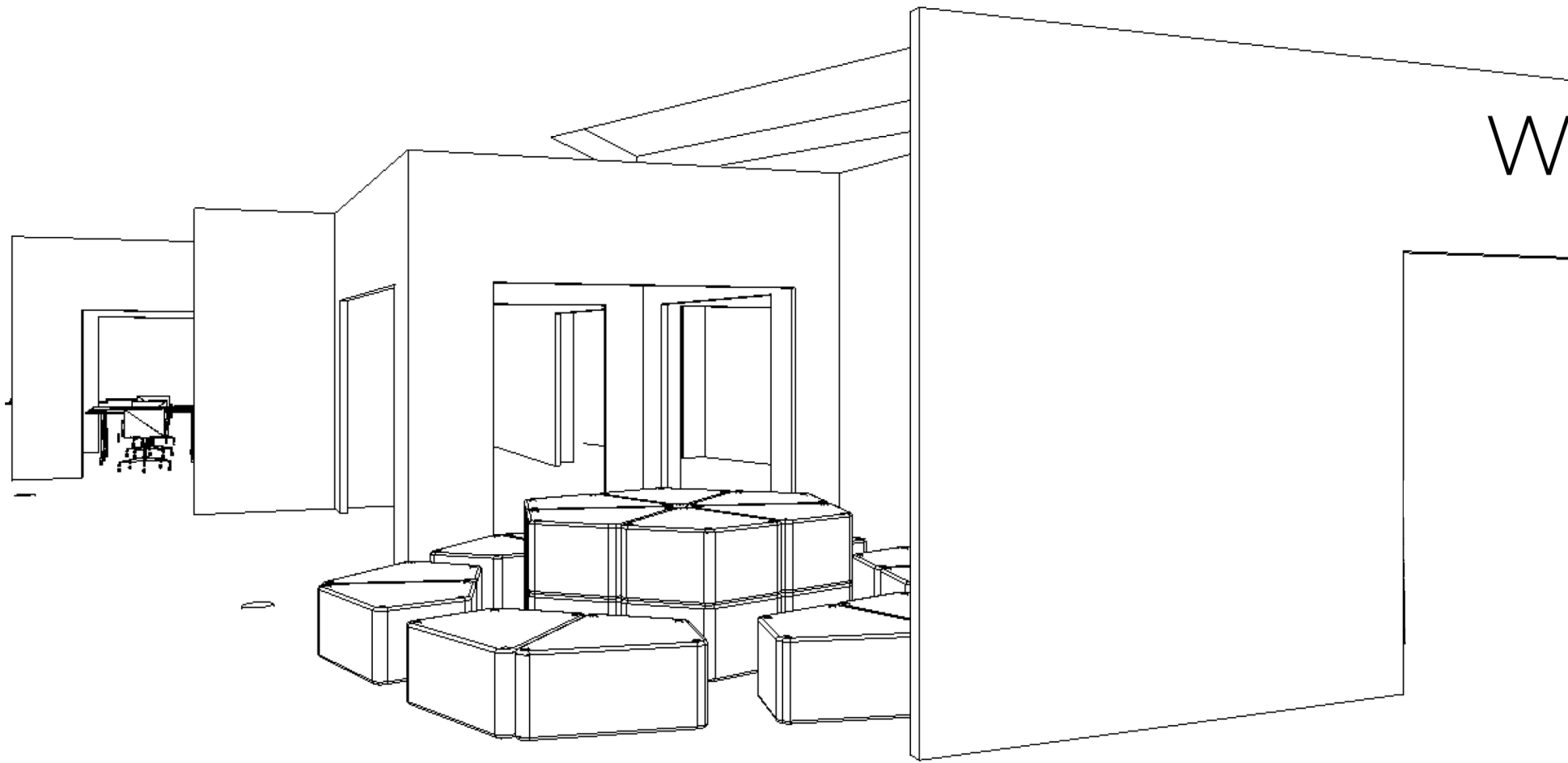


- SOLID WALL/SERVING AS A WALL
- OPENING/NOT SERVING AS A WALL
- OPENING ON THE WALL

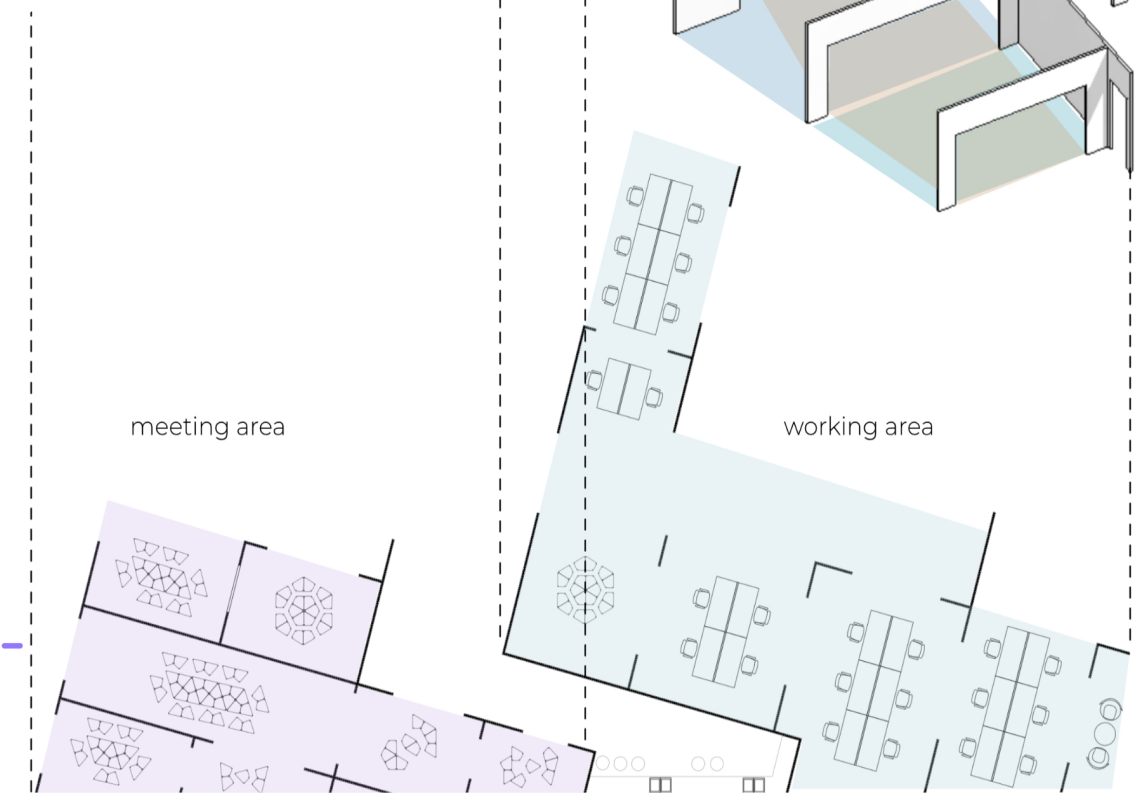
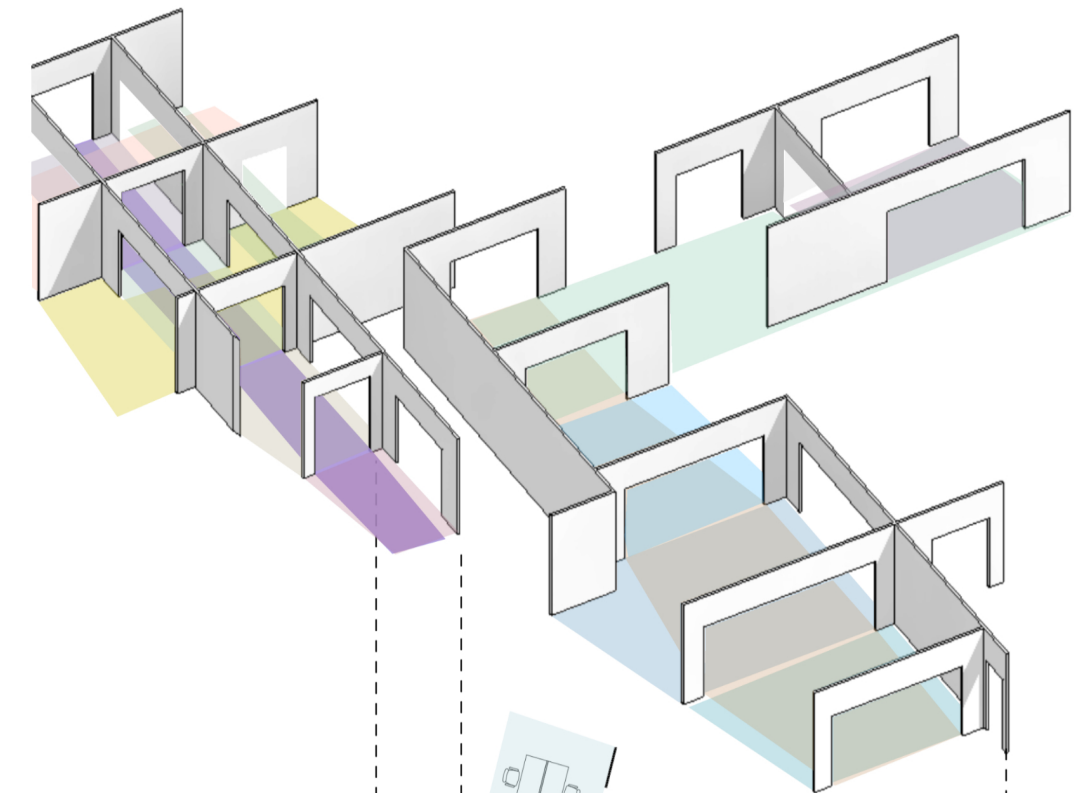
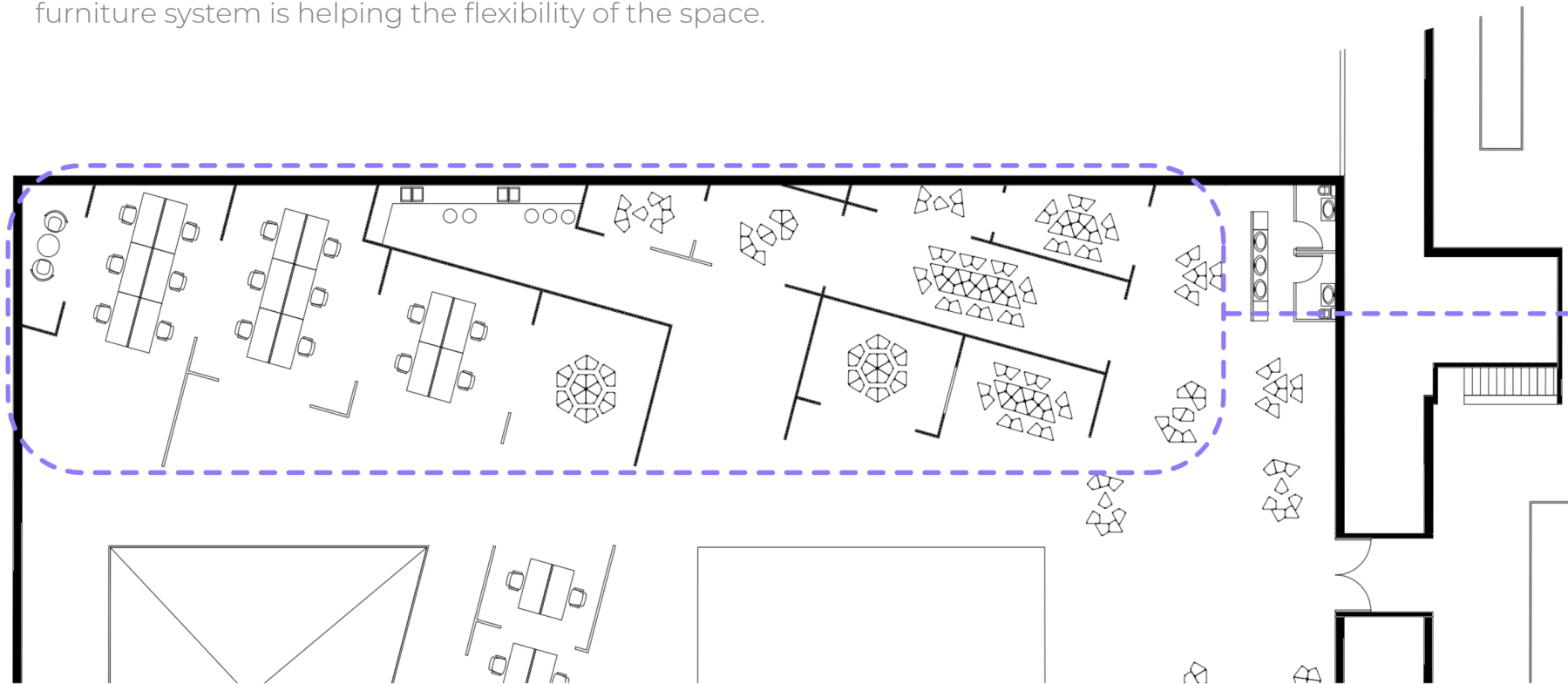
I am thinking about make holes on my walls to have more space flexibility. The holes can be opened up to the floor to allow connecting and using **two spaces together**, having two smaller space into **one bigger space**. Also, when the users need small space/privacy, they can still have it.



WALLS WITH OPENINGS

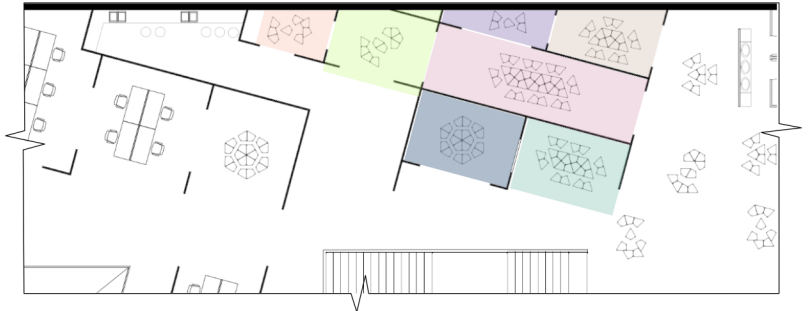
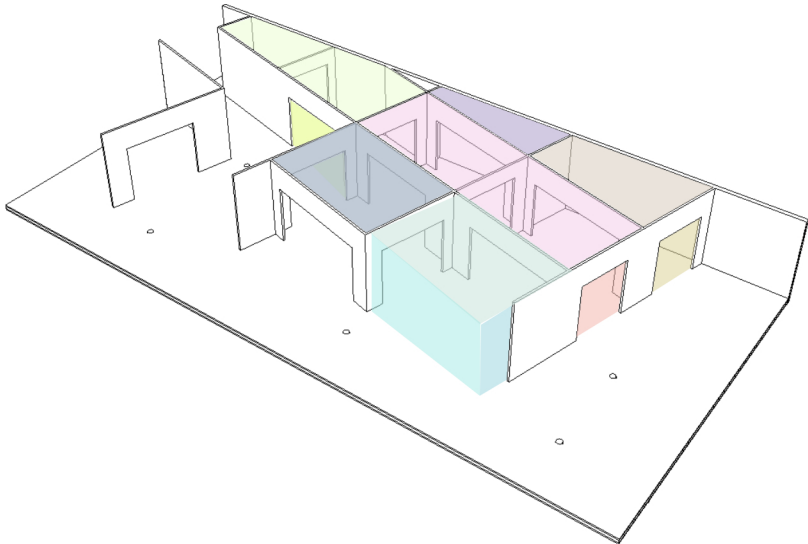


I divided the level 2 co-working area into 2 zones. One is the office area and the other is meeting area. In the co-office area, the table can be free arranged into different scales of people due to the need. In the co-meeting area, the modular furniture system is helping the flexibility of the space.

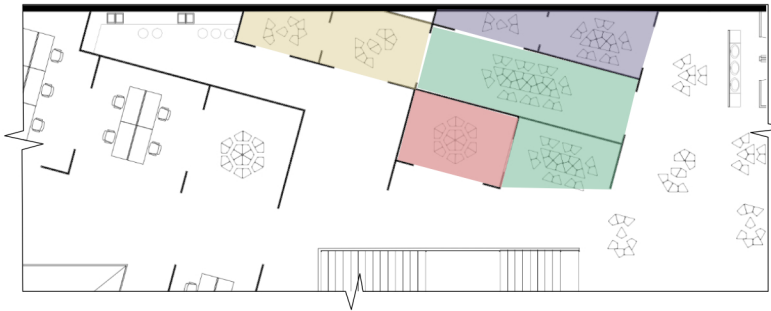
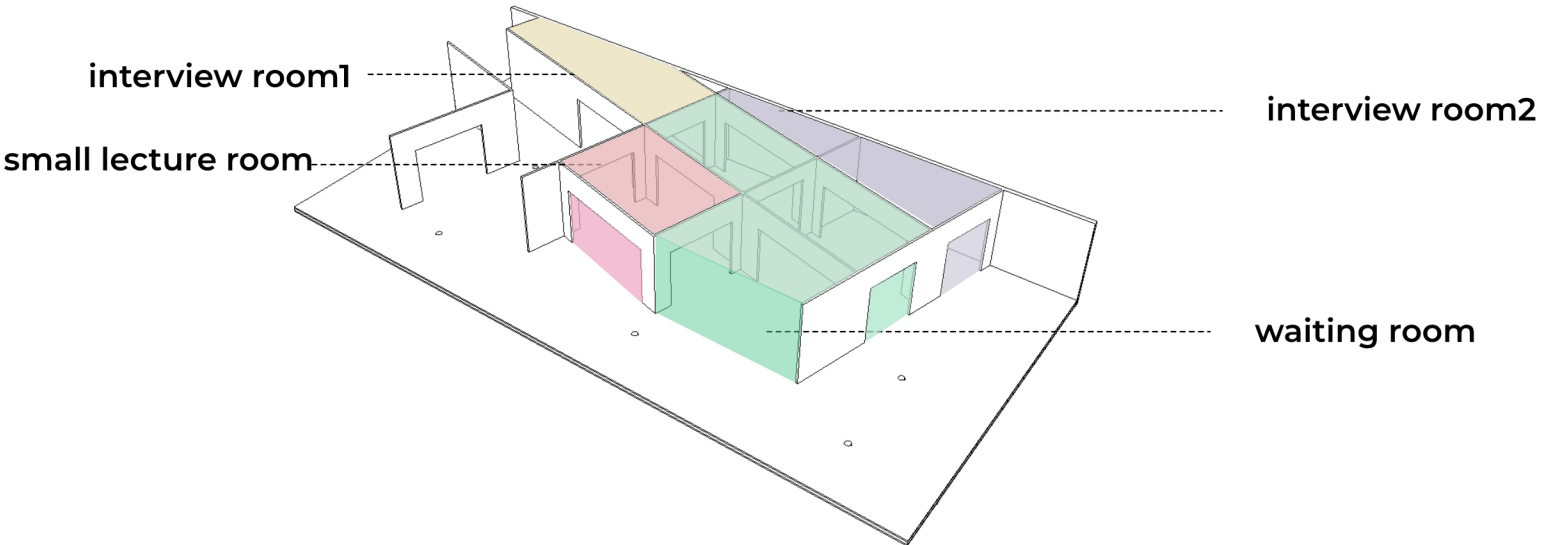


DIFFERENT ARRANGEMENTS OF THE CO-WORKING SPACE

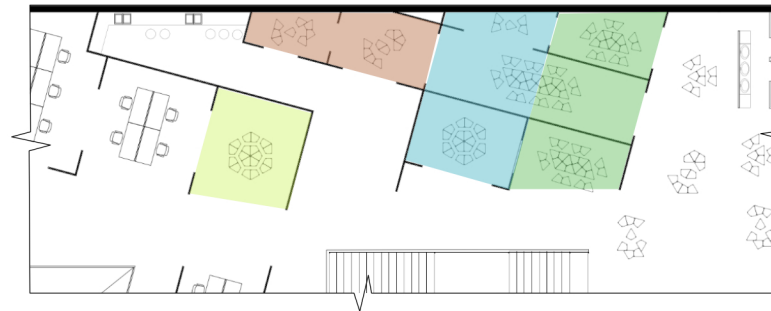
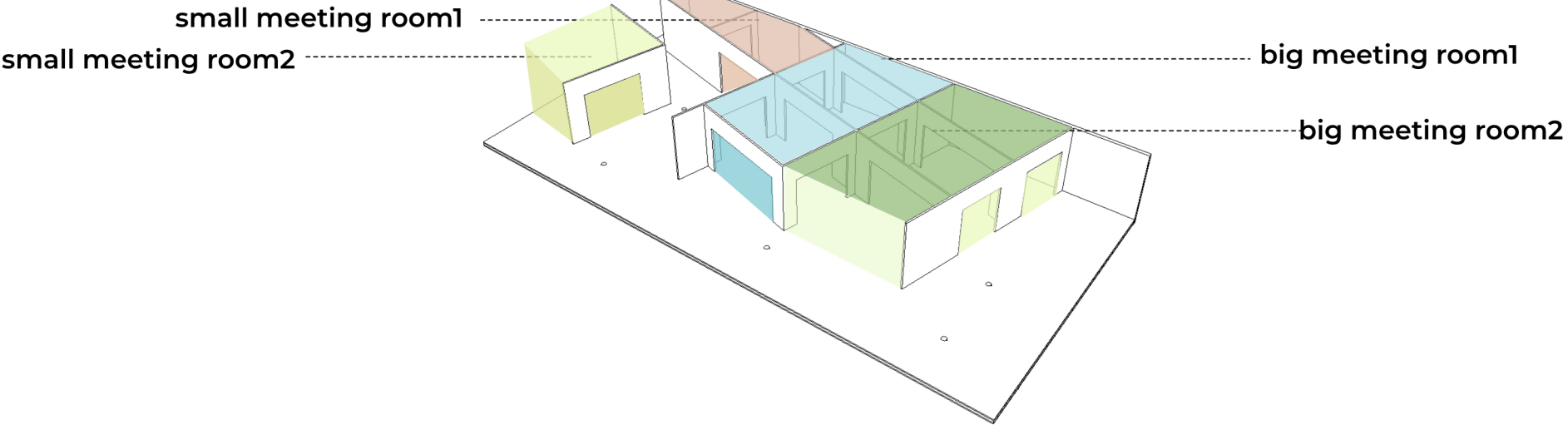
Flexible furniture and wall system in co-working space



Normal Arrangement



Career Day Arrangement



Conference Arrangement

OFFICE AREA OF THE CO-WORKING SPACE

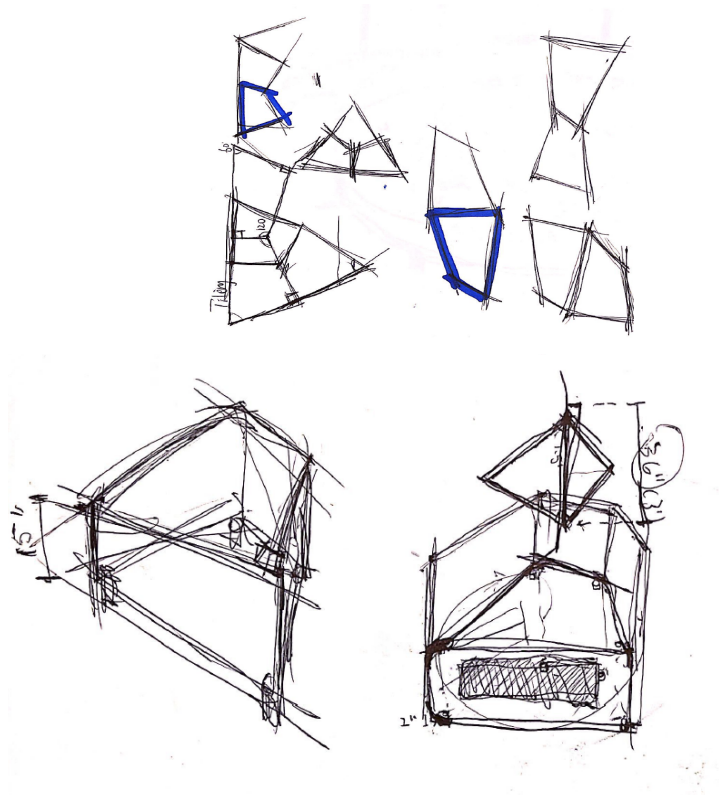
Freely arranged table composition to adapt different scales of workers



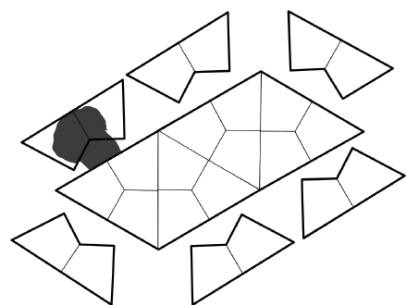
Modular Furniture

Flexible furniture system in co-working space

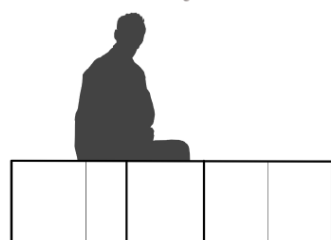
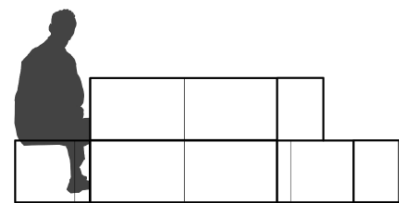
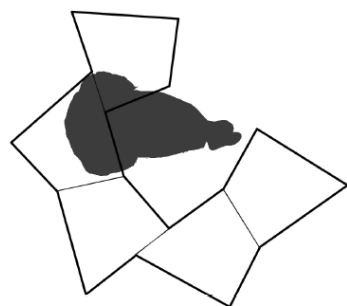
I used this quadrilateral to design a multifunctional modular furniture system. This kind of furniture can help to adapt different kinds of scale of people using the space. This will work together with the walling design.



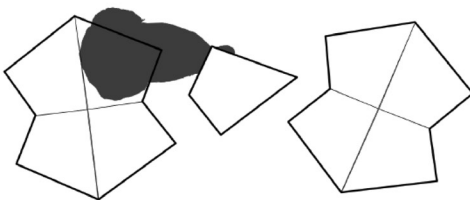
Long meeting table
(6 ppl)



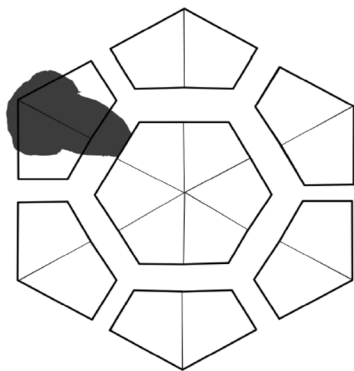
Lounge chair
(2 ppl)



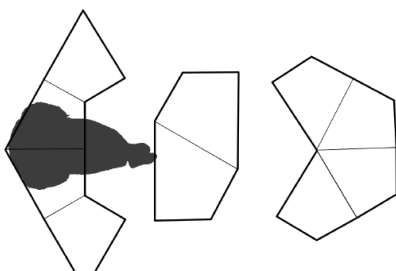
Small meeting table
(2-4 ppl)



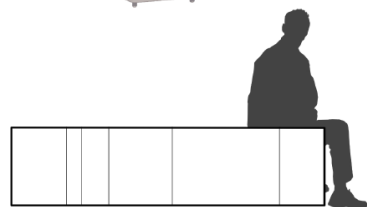
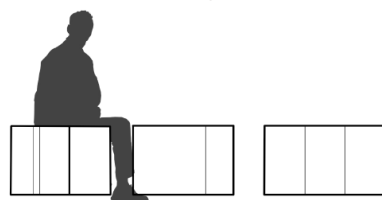
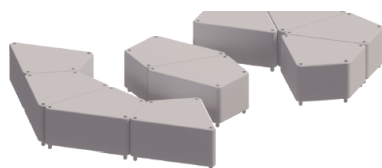
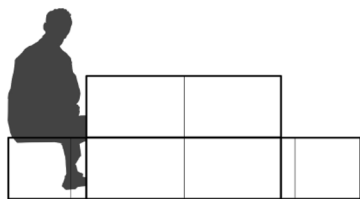
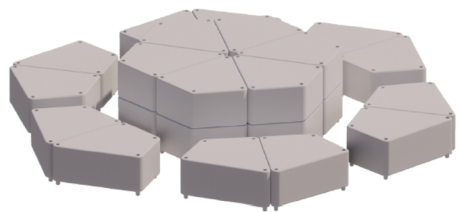
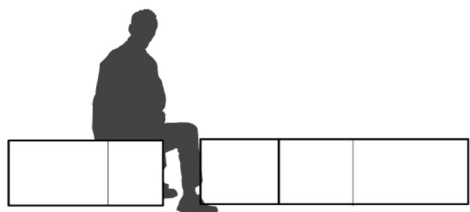
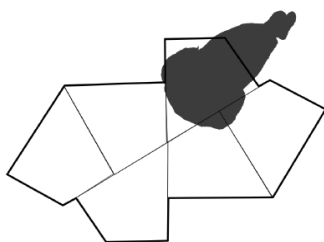
Round meeting table
(6 ppl)



Small meeting table
(2-3 ppl)



Lounge chair
(2-4 ppl)



OPEN AND MEETING SPACE OF CO-WORKING AREA

Flexible furniture system in co-working space



ENTRANCE LOBBY

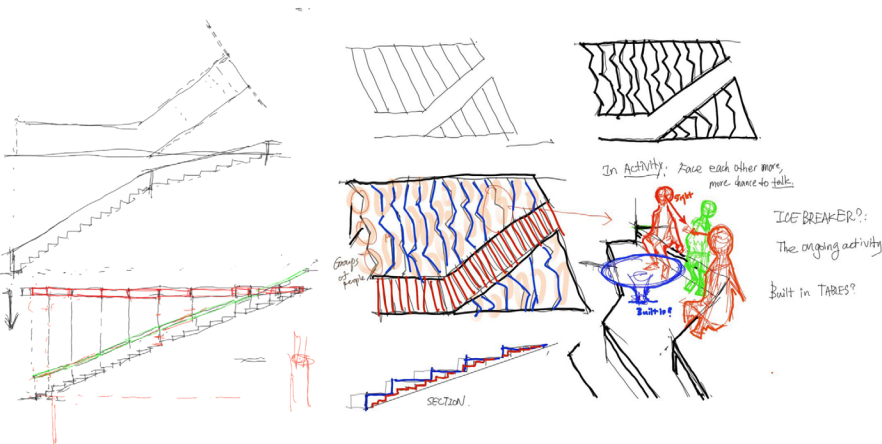
The double-height space in the lobby area



APPENDICES

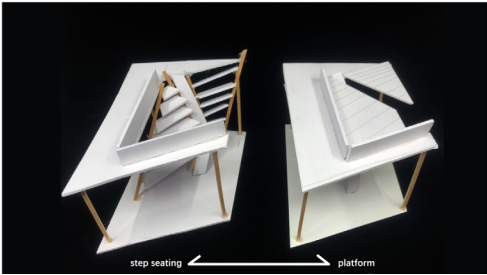
Other works done in Spring 2021 semester

Convertible Stair Concept

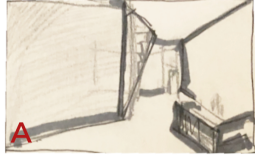


I am designing a convertible staircase in my space. In the daily routine, it is the floor of level 2, and while there are events happening in the first floor, the stair will come down and become the **step seating**. I also put the daily stair in my design to make this space **the most important space** of all.

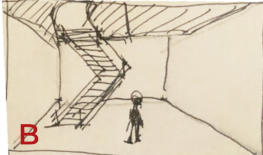
I also want the stair to have some **zigzag** shape in order to having people sit more **facing** each others in activities while sitting on the step seating.



Public



The lobby is the first thing people see entering the building. They will see some hint of the big stair.



During the daily routine, the step seating is not dropped down. They can only use the stair to access second floor.



The big stair is the main thing of the space. It only goes down while big activity is happening.

Semi-private



On the first floor, the space under the convertible stair is hard to put furniture in, so that I am designing some of the floor/wall structures as the furniture



People can use those structures as lounge chairs, tables etc.

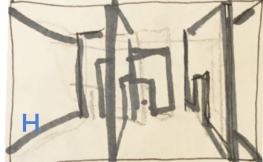


There is a semi-interior garden in the transition space between the main building and the cafe building.

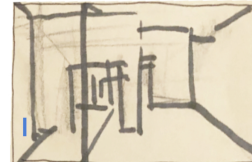
Private



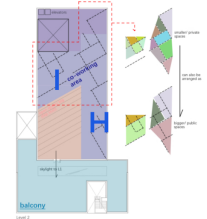
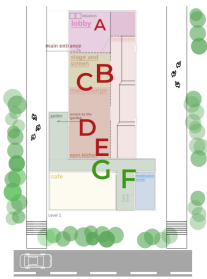
There are seats in the garden. It's a good space to have conversations.



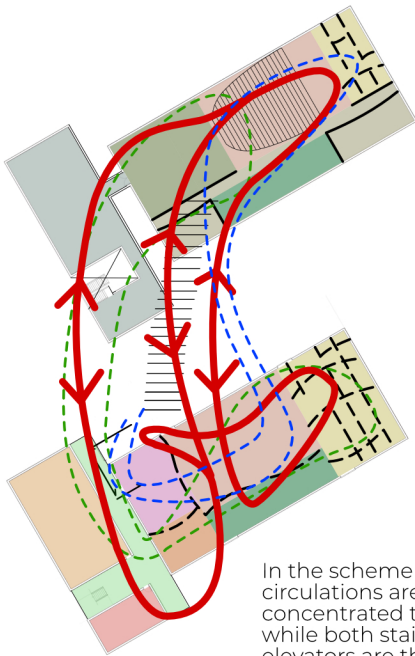
The walls with openings are on the second floor co-working area.



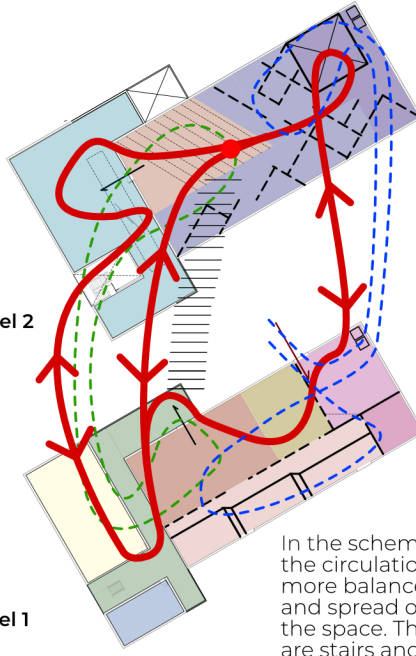
This create more possibilities using different scales of spaces based on the needs.



Circulation Analysis



In the scheme 1, the circulations are more concentrated to the left side, while both stairs and elevators are there



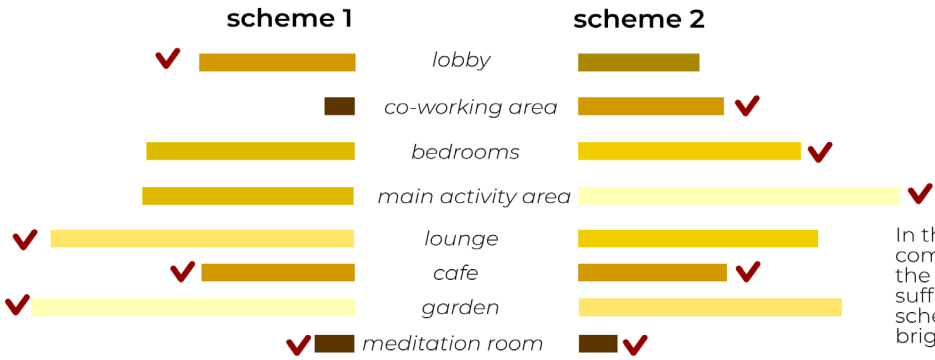
In the scheme 2, the circulations are more balanced and spread out to the space. There are stairs and elevators at 2 ends of building while the main staircase is in the middle.

Scheme 1

Scheme 2

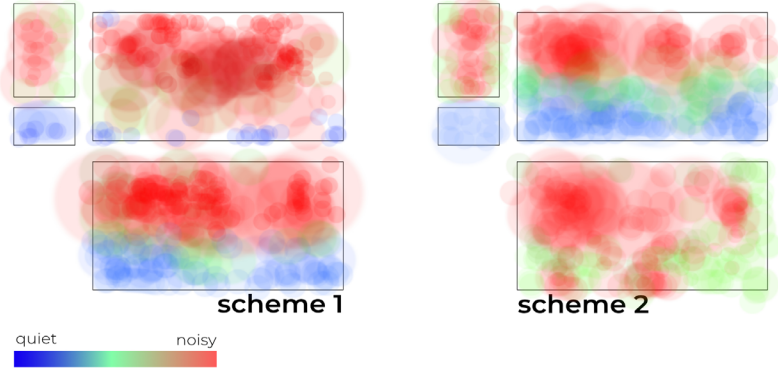
Primary Circulation (red arrow) Resident Circulation (green dashed arrow) Visitors Circulation (blue dashed arrow) The Main Stairs (double line)

Natural Light Analysis



In the natural light comparison, I found out that the natural light is more sufficient in public areas in scheme 1, while scheme 2 is brighter in private area,

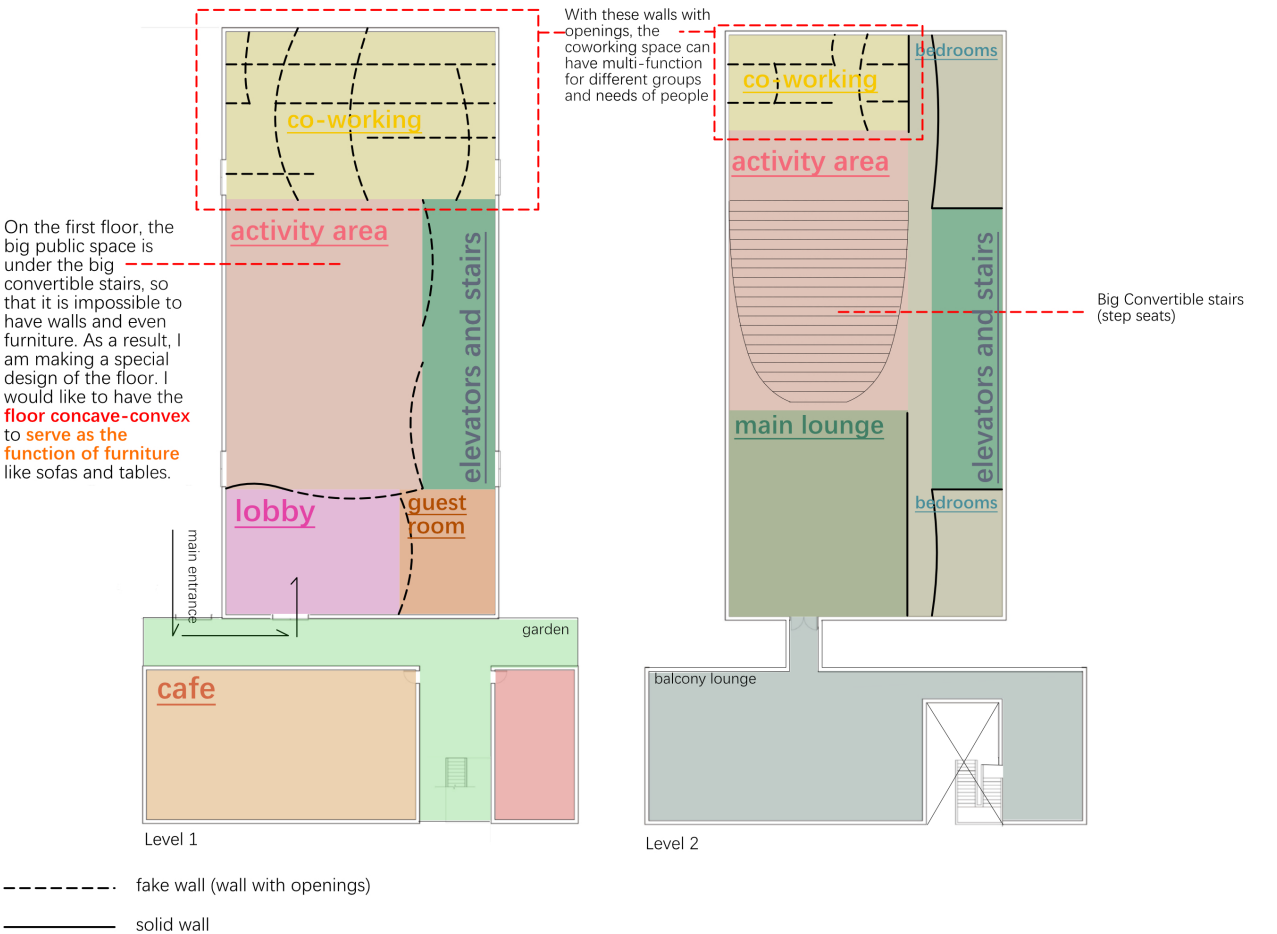
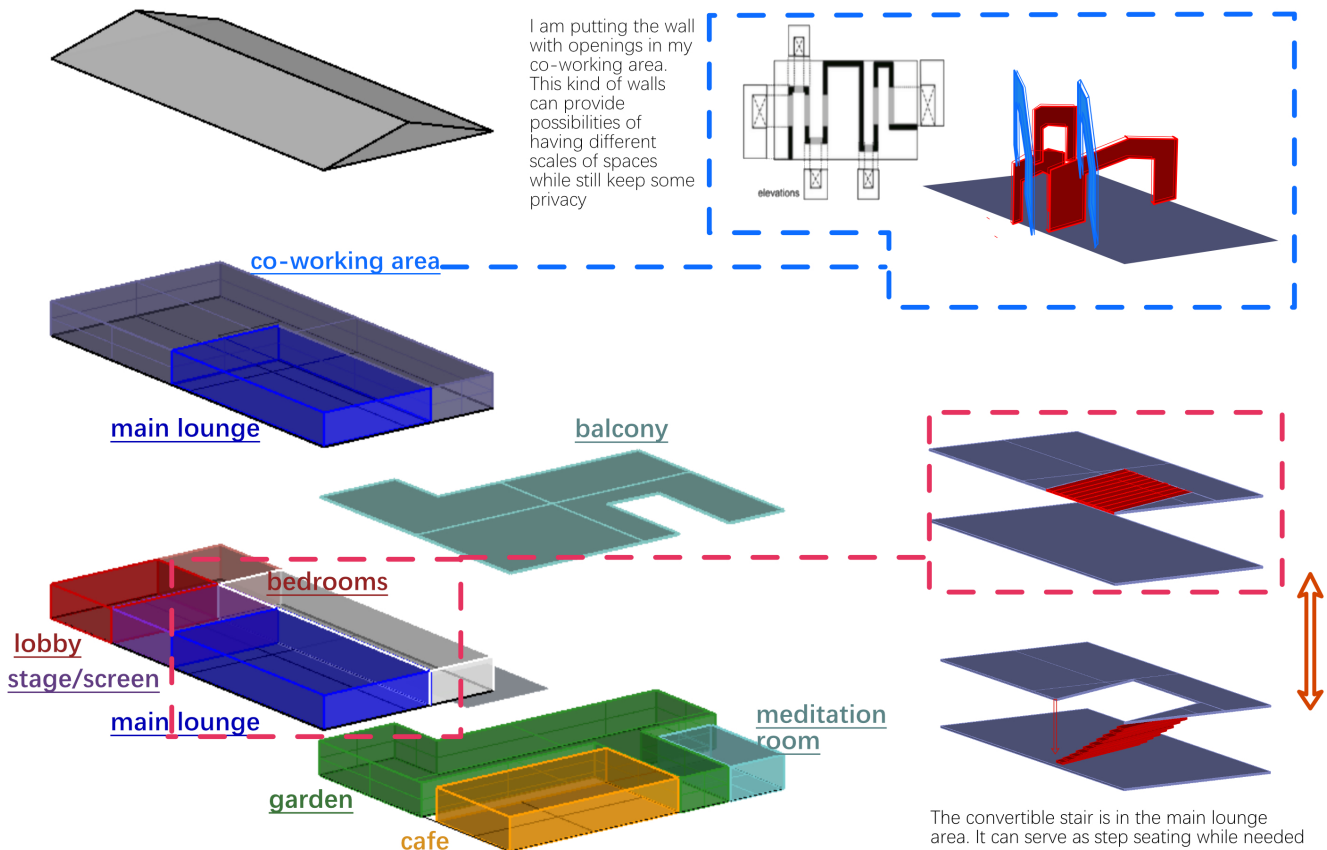
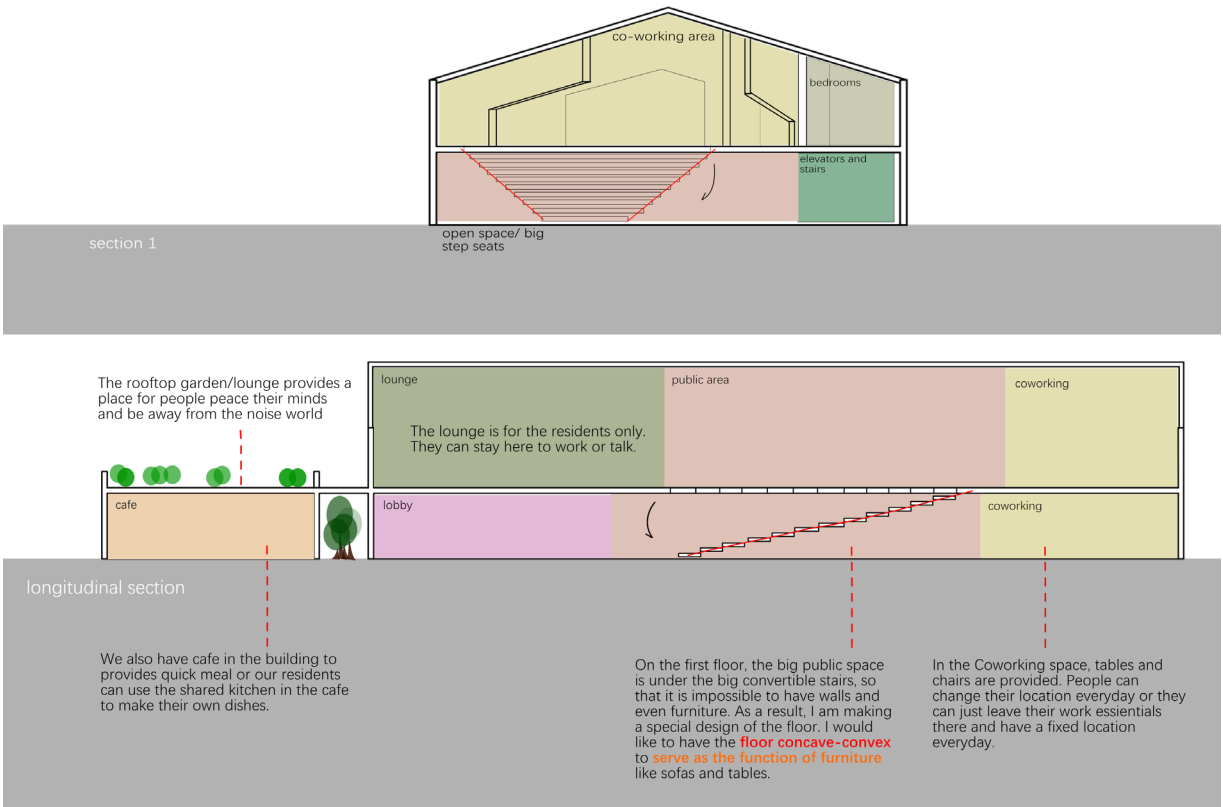
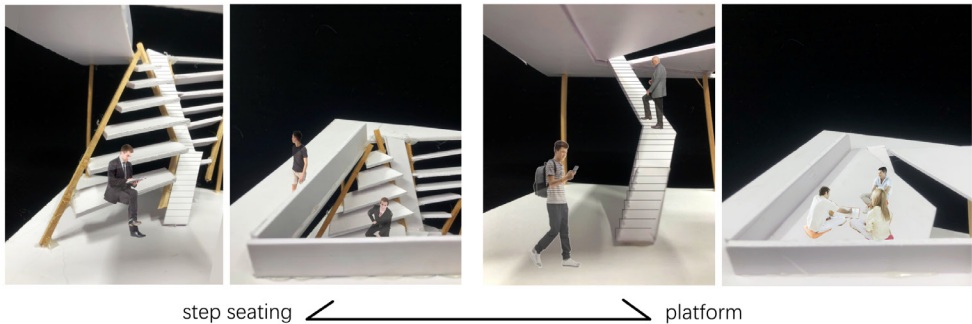
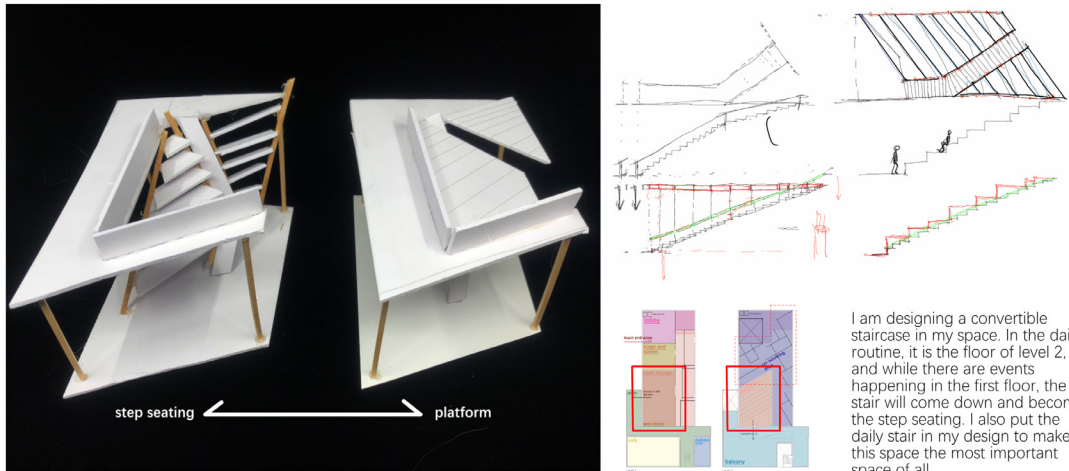
Acoustic Analysis



By analysing the acoustic of two schemes, I think scheme 2 has more buffer between loud and quiet areas, while scheme 1 has them right next to each other, which is harder to control the quietness of the quiet area.

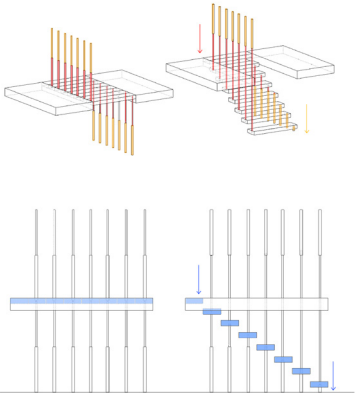
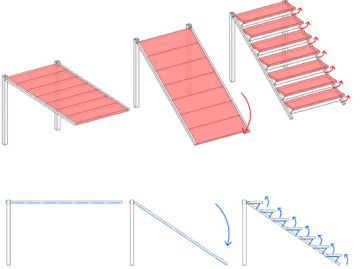
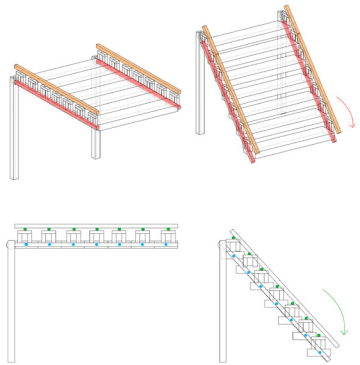
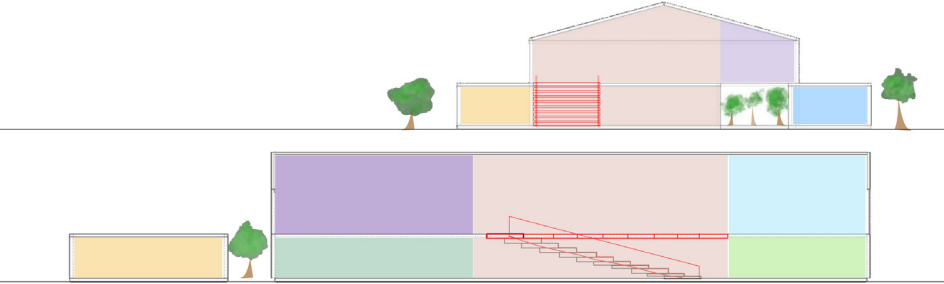
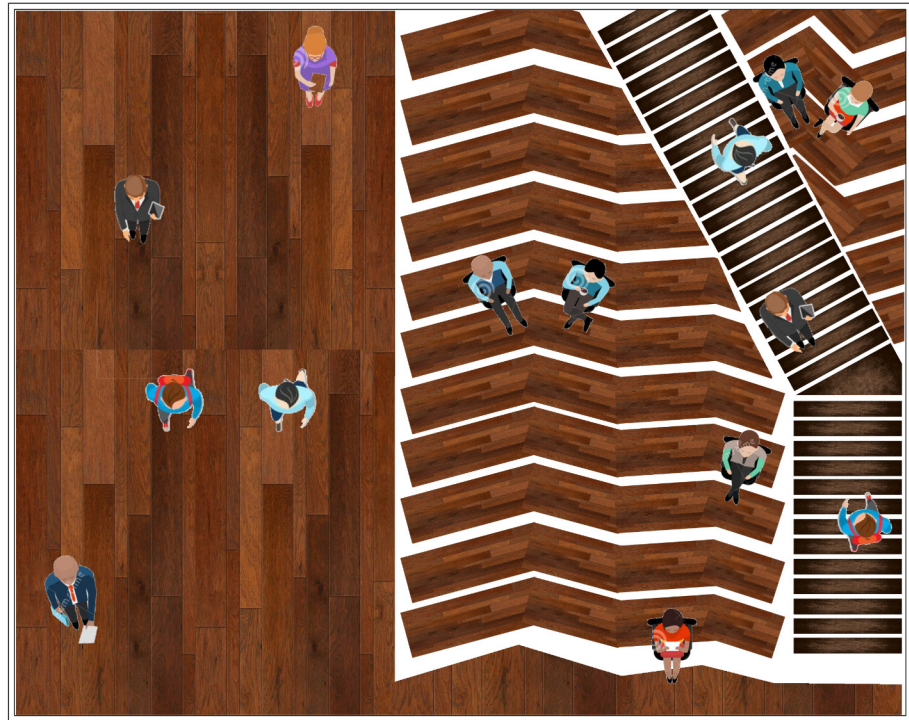
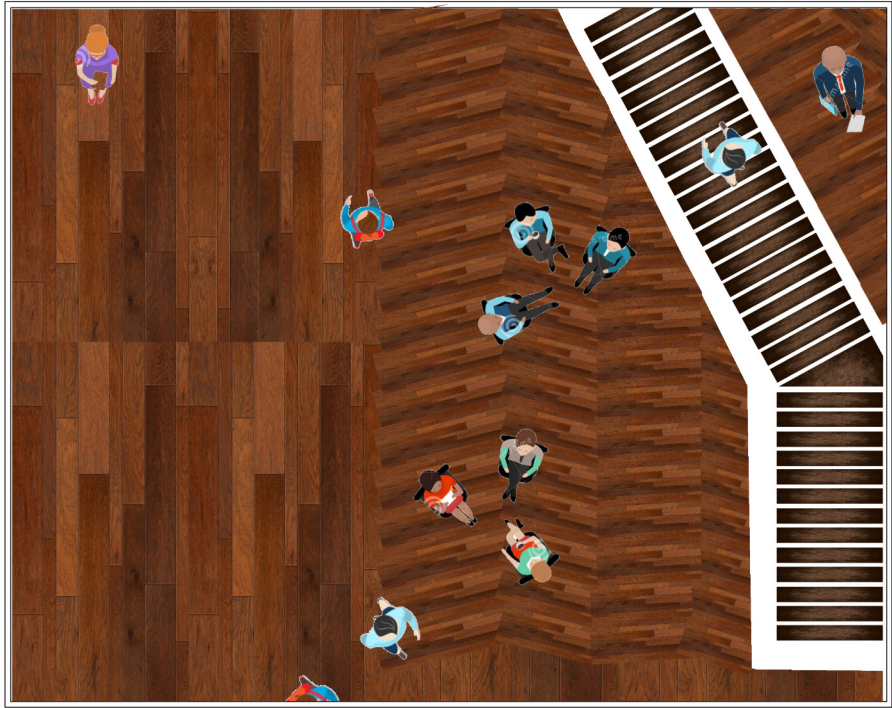
APPENDICES

Other works done in Spring 2021 semester



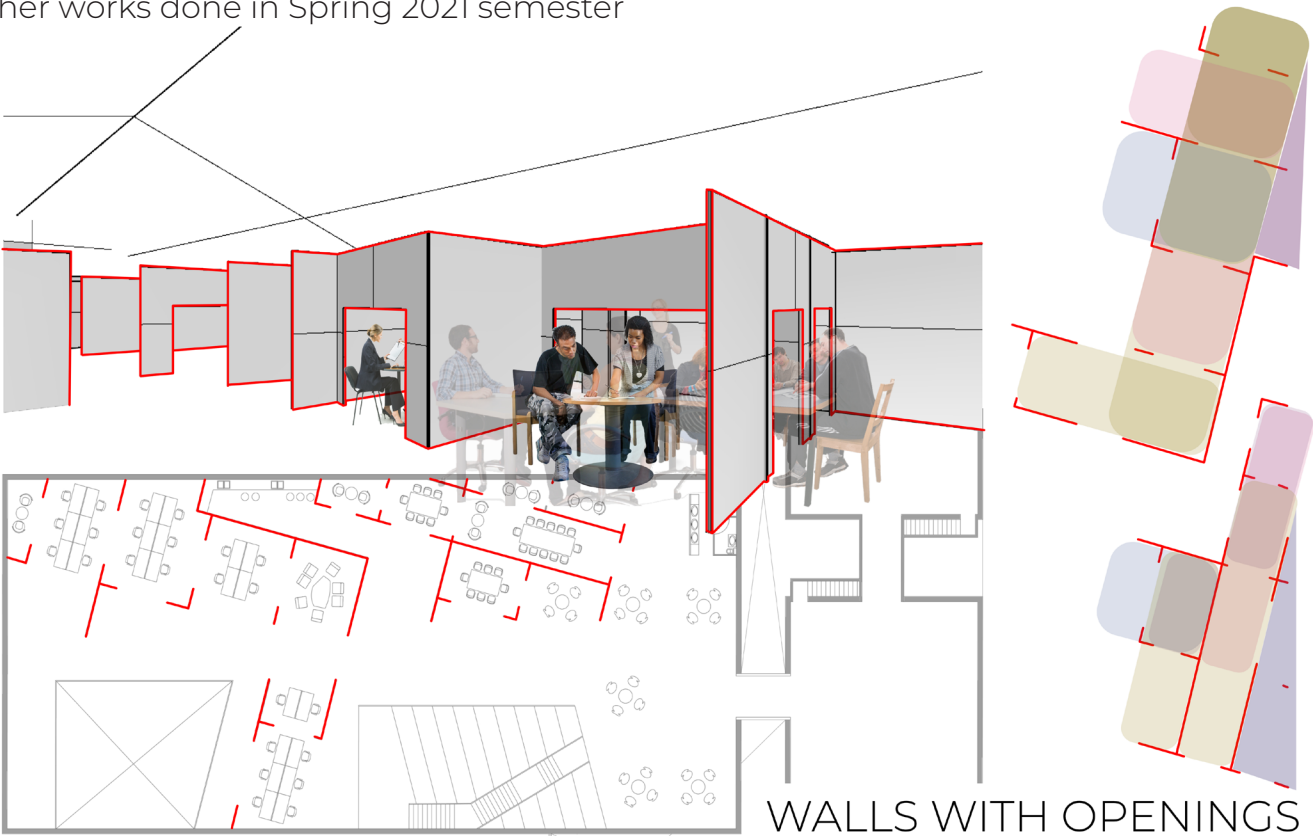
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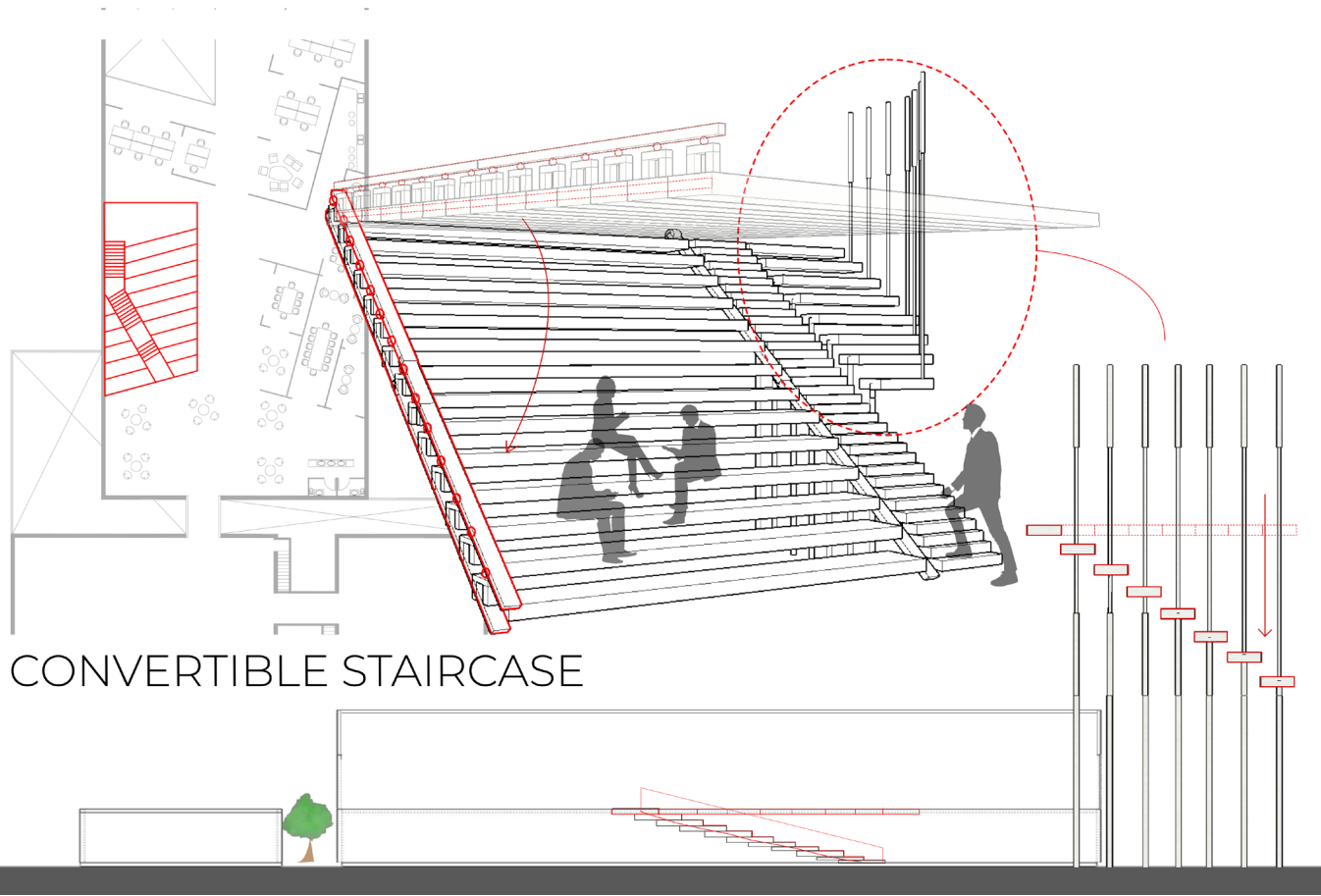


APPENDICES

Other works done in Spring 2021 semester



WALLS WITH OPENINGS



CONVERTIBLE STAIRCASE

