

DESIGN PROJECT AT ASIA SOCIETY

# OUTSIDE THE BOX

Student: Alan KONG Wai Lun

Student Number: M00697988

Supervisor: Dr. Anita LEE

Date of Submission: 10 June 2019





## ABSTRACT

*Think Outside the box, think about the fact, the sky and the world.*

“Outside the box” is the design concept of Magazine A in Asia Society. Asia Society was a built heritage revealed from the Former Explosives Magazine Compound in the context of the military to the conversation and exhibition hall.

“Historical value derives from how past people, events, and aspects of life can be connected through a place to the present. It tends to be illustrative or associative.”

Although Asia Society group added a lot of value on the built heritage, the program of the site is still weak for the visitor.

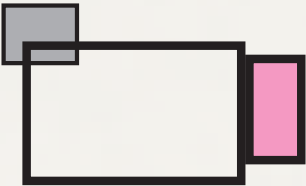
The purpose of “outside the box” is to complete the program of Asia Society. From a conversation, design thinking to a presentation. And also respect the site elements, represent the best site quality of this heritage to the user. To create functional values to Hong Kong residents, to give the new life to this built heritage.





CONTENTS

<b>From The Movie:</b>	
Abstract	2-3
Contents	4
Story Begeins From The Film	5
Actions Plan	6-7
Story Broad	8-9
 <b>Research:</b>	
Research - Space Study	10-15
Research : Borrowed Scenery	16-33
Beauty Of The Poportion	34-35
Research Of The Site Elements	36-41
Design Experiment	42-60
The New Extand:the Relationship Of Old And New	61-63
The New Extand:the Relationship With Nature	64-65
 <b>Practice:</b>	
Think Out Of The Box: Concept	66-69
Design Layout	70-72
Empathize Area	73-79
Define Area	80-83
Ideate Area	84-87
Protoype Area	88-93
Test Area	94-98
Outside Test Area	99-103
Roof Area	104-108
Model Study	109-117
Final Presentation	118-121



STORY BEGINS FROM THE MOVIE

*One minute movie to tell a story, about open space, semi-open space and enclosed space*

*Watch*

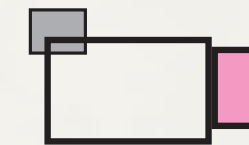






## ACTIONS PLAN

How the movie works



This movie is to represent the thinking process from thinks inside to explore outside.

In this film, there are three steps to understand the objects.

In first, We had some reflection and memories of the object. There are incomprehensive and not detail, and subjective impressions affected our understanding with a purpose, we have to find a way to defend.

We always stuck in our mind. We have to find a way to go outside, to receive the reality. By opening our minds, we able to

think outside the box, the box of subjective impressions.

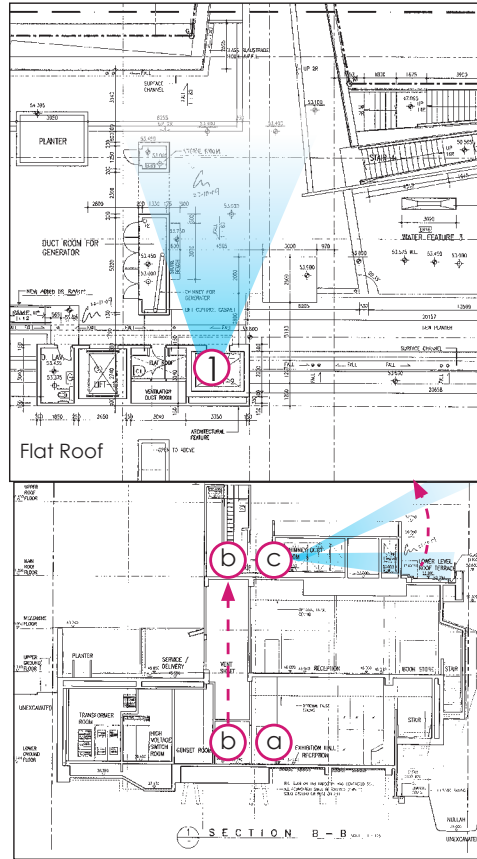
When we find the way to escape, we able to receive the truth by exploring the world, interact with objects by our five senses, share pieces of information with others.

The information becomes detail and comprehensive, and we able to get much more than our imagination.

Think outside, explore outside, and stay outside.

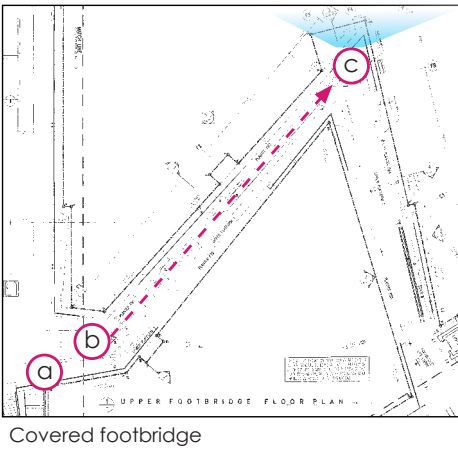
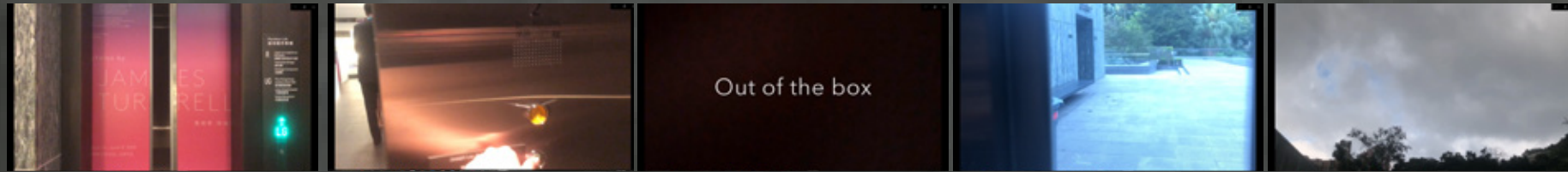
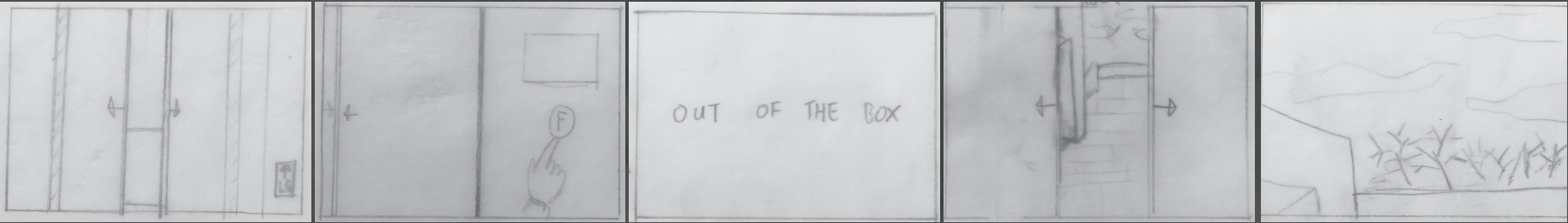


# STORY BROAD



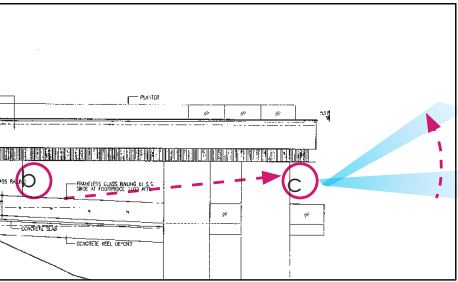
Scene: 1  
Title: Elevator  
Place: From Ground to roof, Entry Privation  
Technique: 1st Perspective Views  
Length: 18s

First, the camera goes inside the elevator, press "R" button to roof floor. When the door closed, the title appears, then open the open to the roof, daylight will affect the camera, turn up to see the sky.

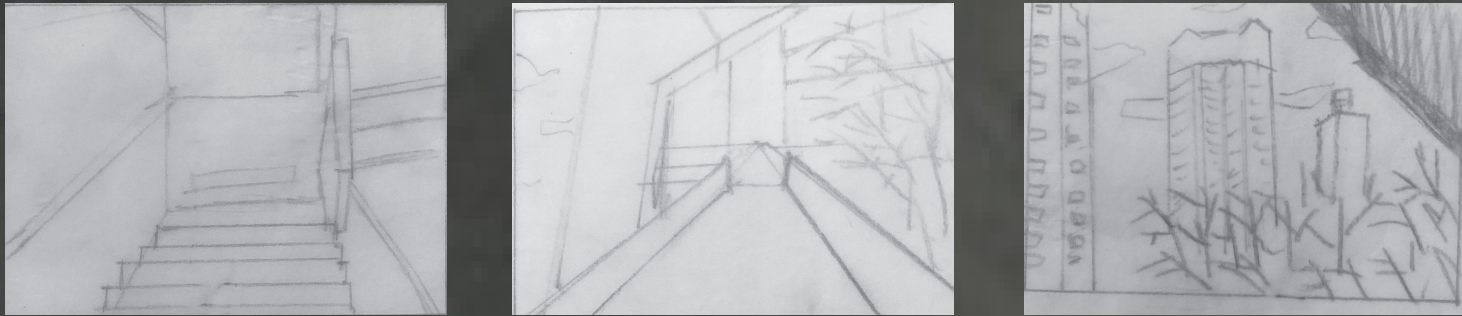


Scene: 2  
Title: Bridge  
Place: Covered Footbridge  
Technique: 1st Perspective Views  
Length: 18s

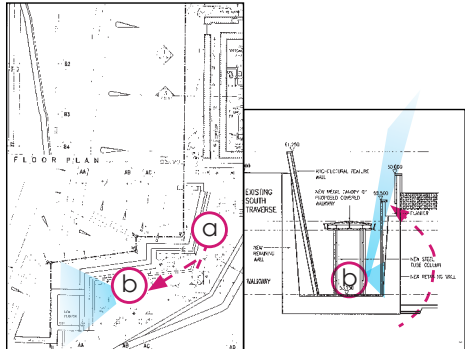
Go downstairs to the footbridge, head to the edge area, turn up to see the sky.



Evection of footbridge

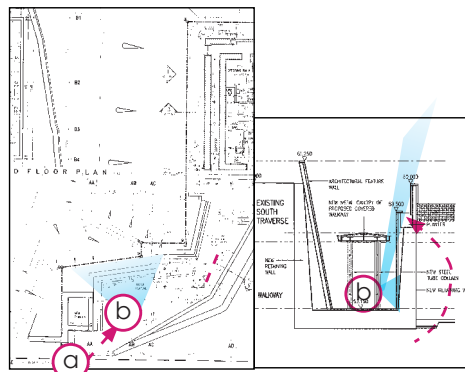
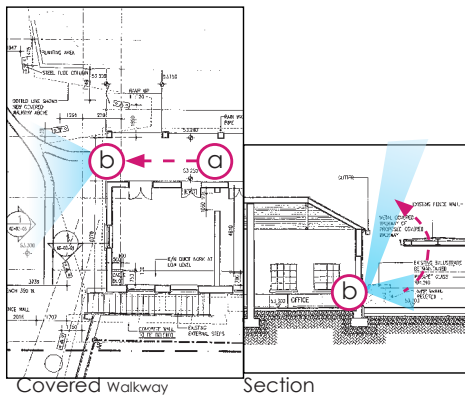


# STORY BROAD



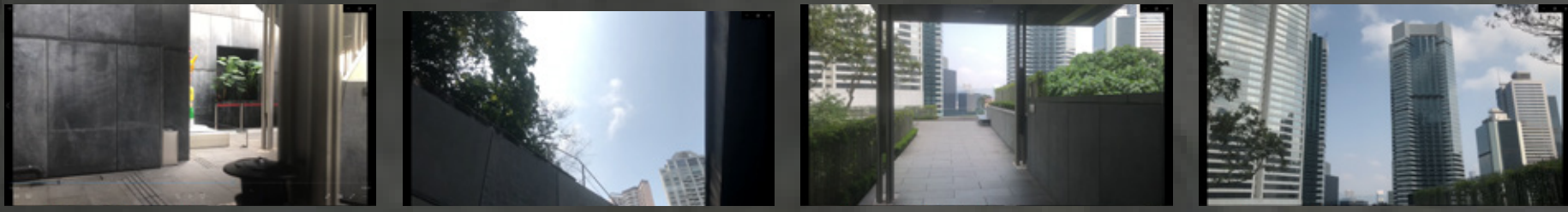
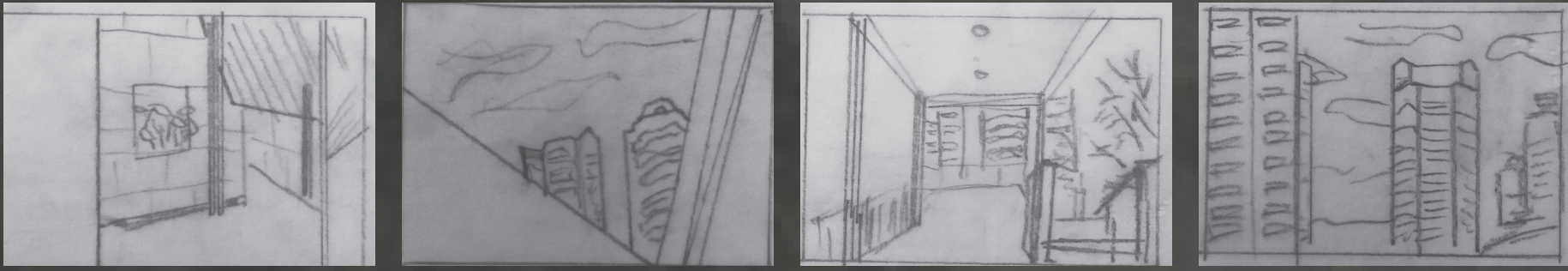
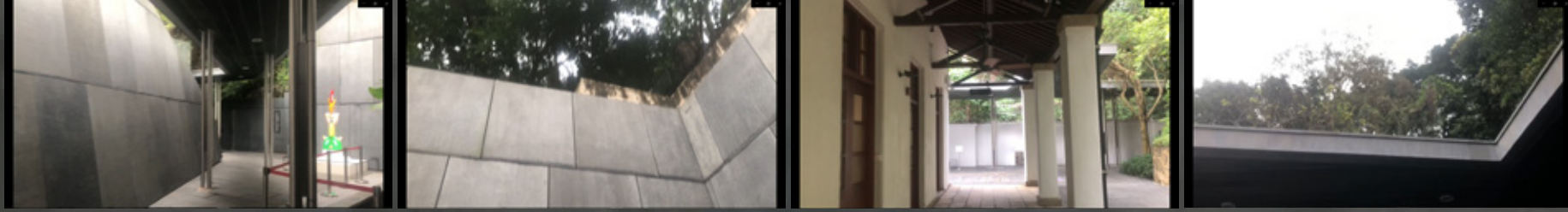
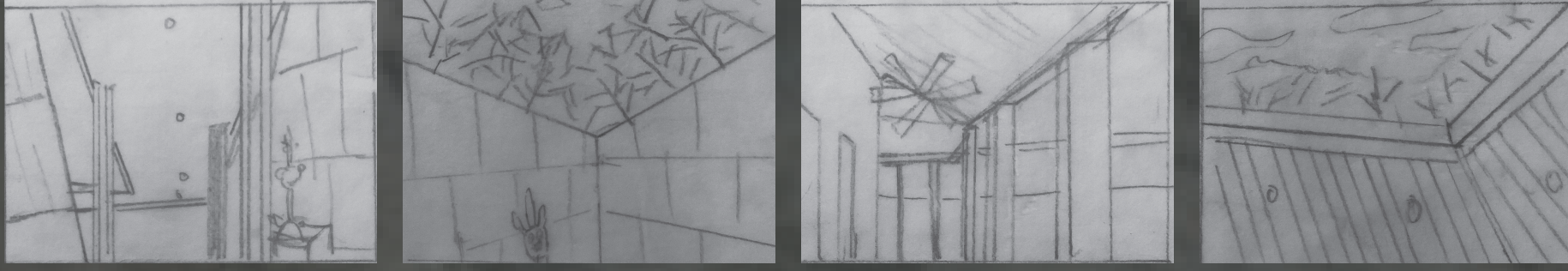
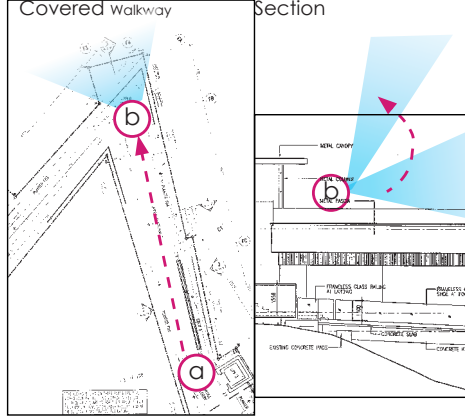
Scene: 3  
Title: Corridor  
Place: Covered walkway at level 3  
Technique: 1st Perspective Views  
Length: 8s

Scene: 4  
Title: Verandah  
Place: Old Laboratory  
Technique: 1st Perspective Views  
Length: 8s

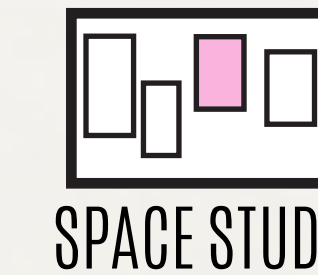
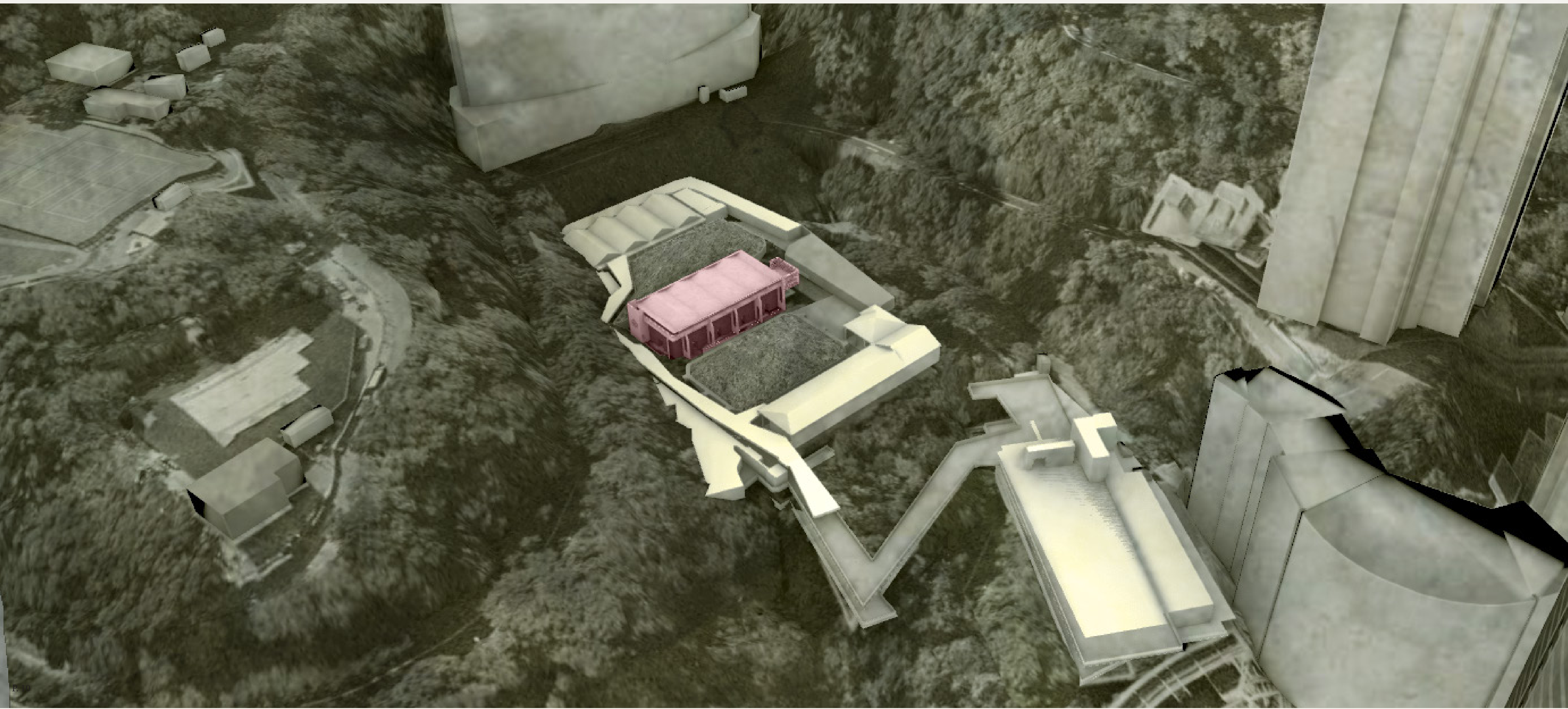


Scene: 5  
Title: Planter  
Place: Covered walkway at level 3  
Technique: 1st Perspective Views  
Length: 6s

Scene: 6  
Title: The Edge  
Place: Covered footbridge  
Technique: 1st Perspective Views  
Length: 8s

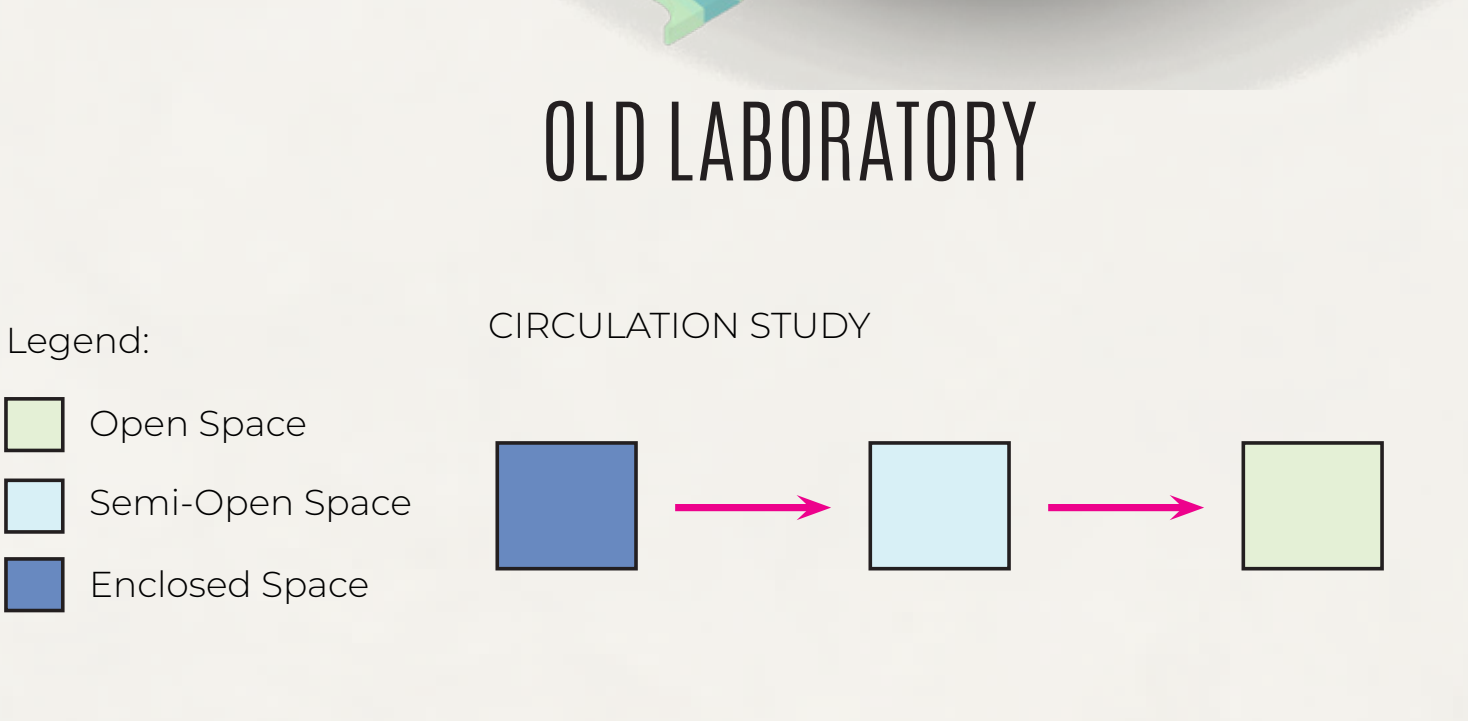
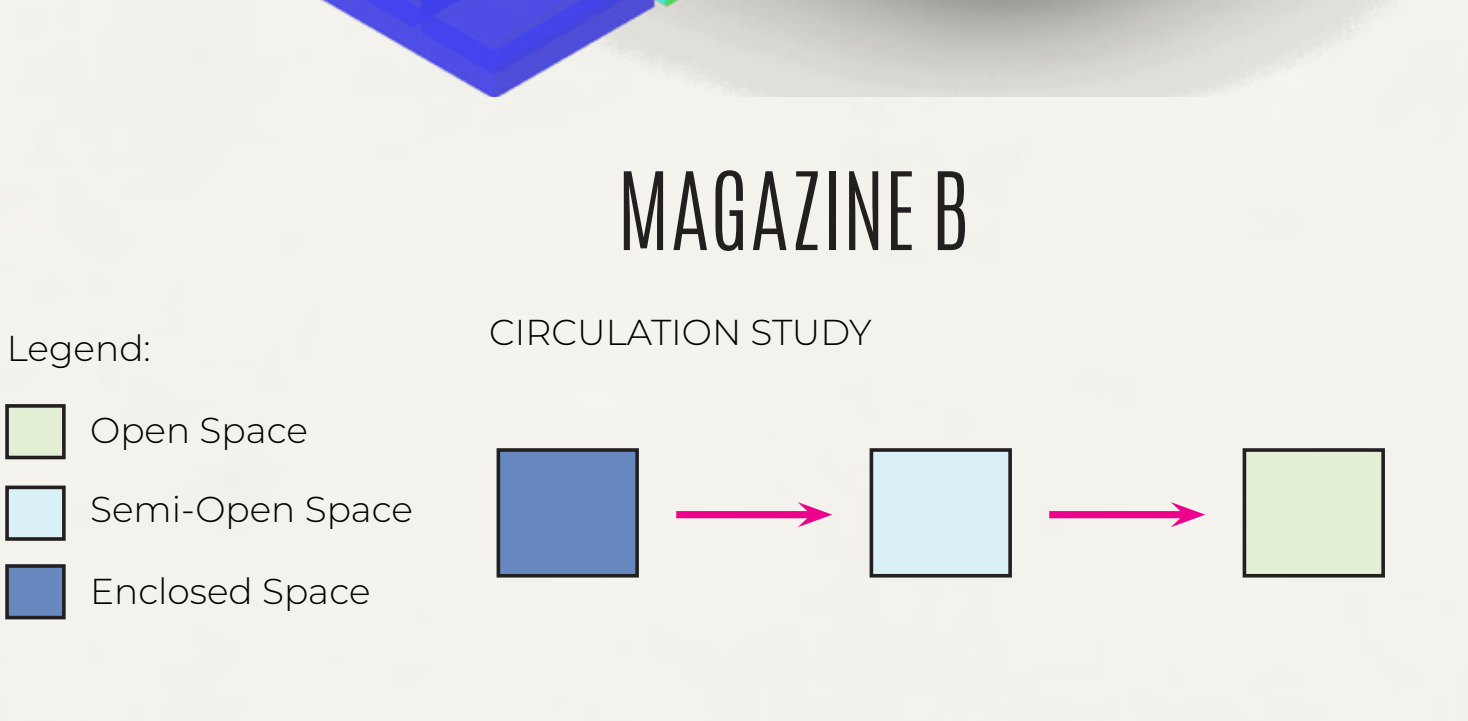
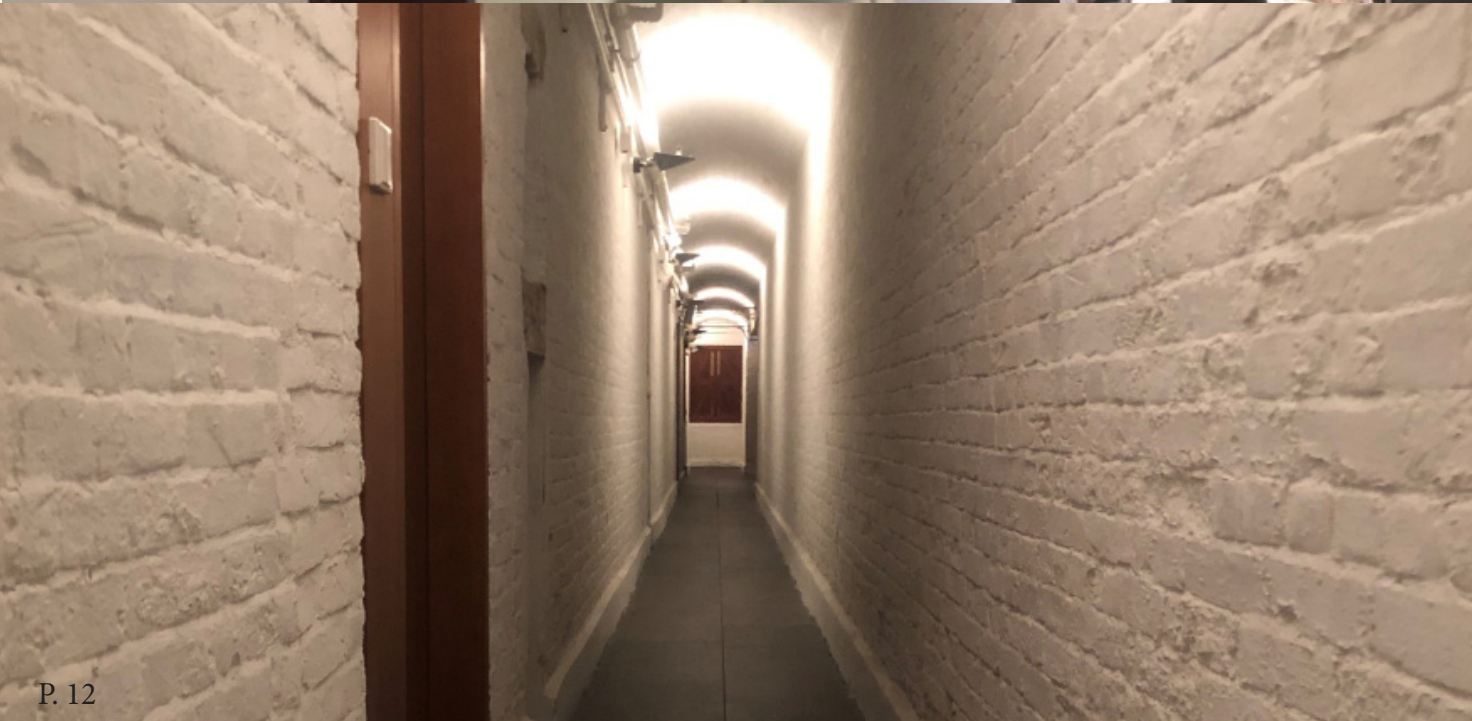
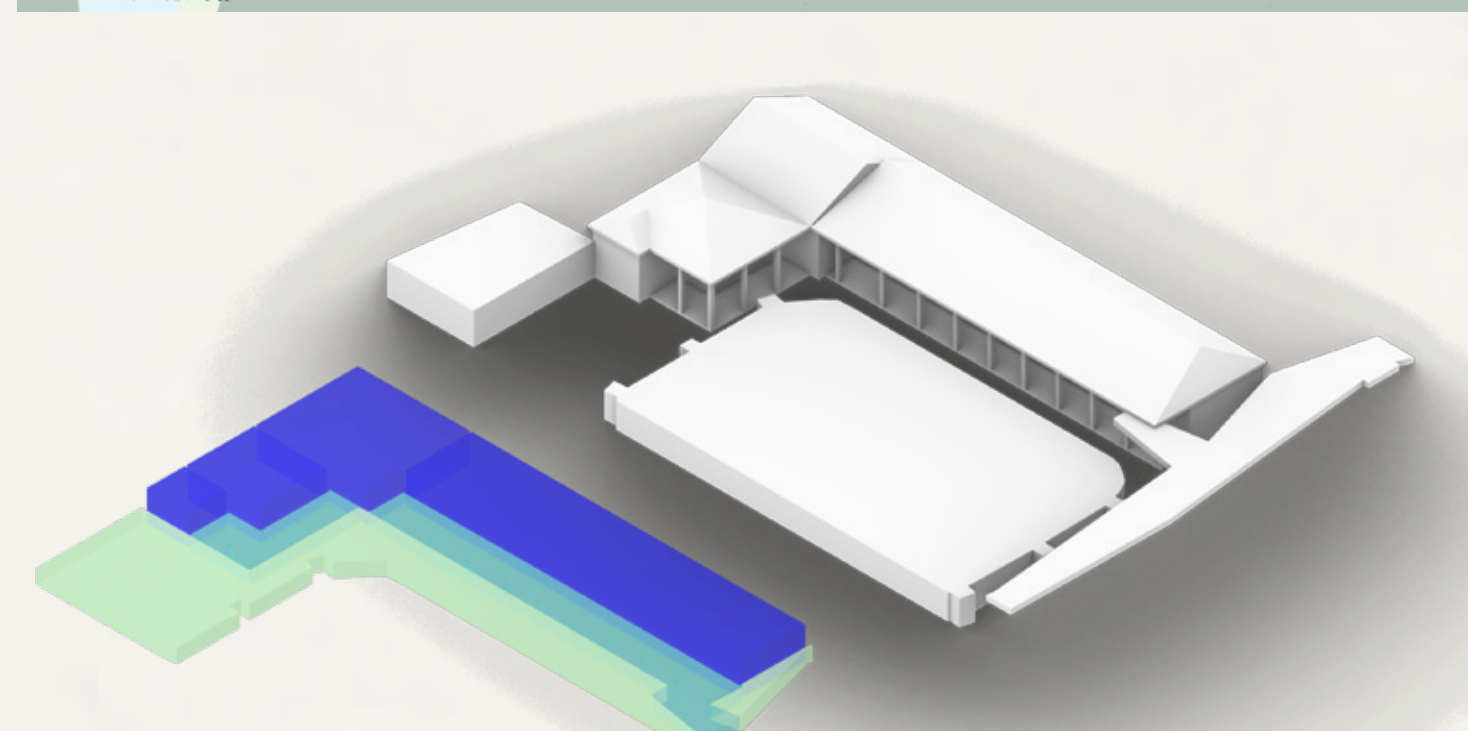
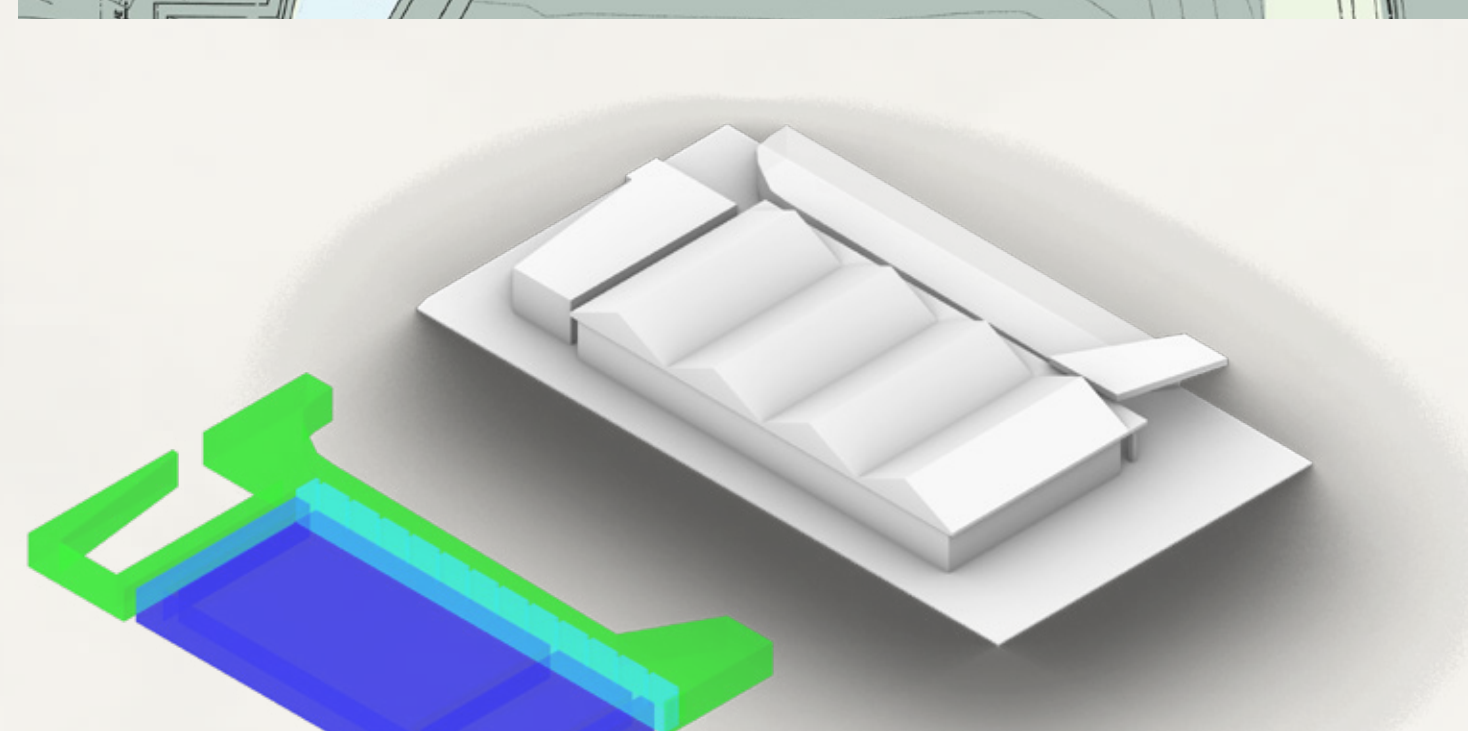
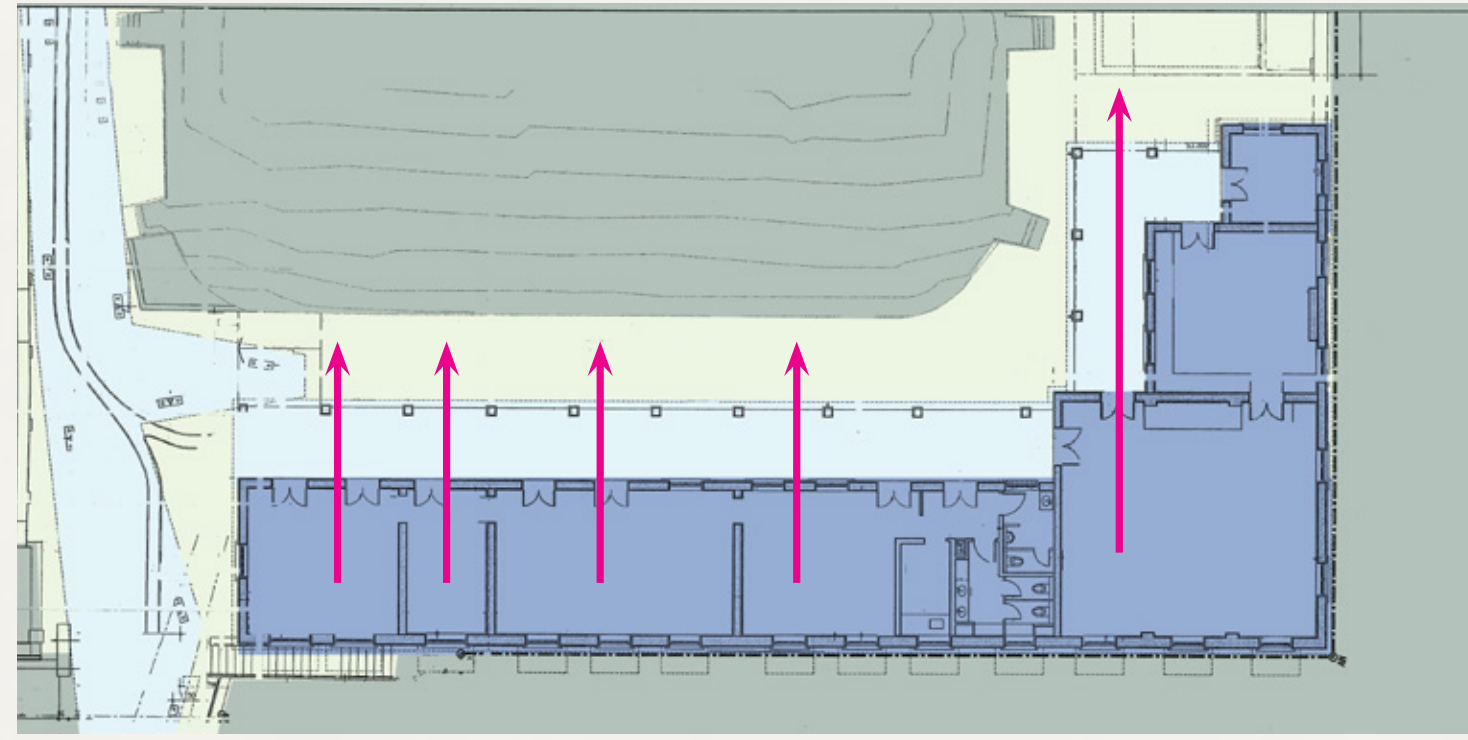
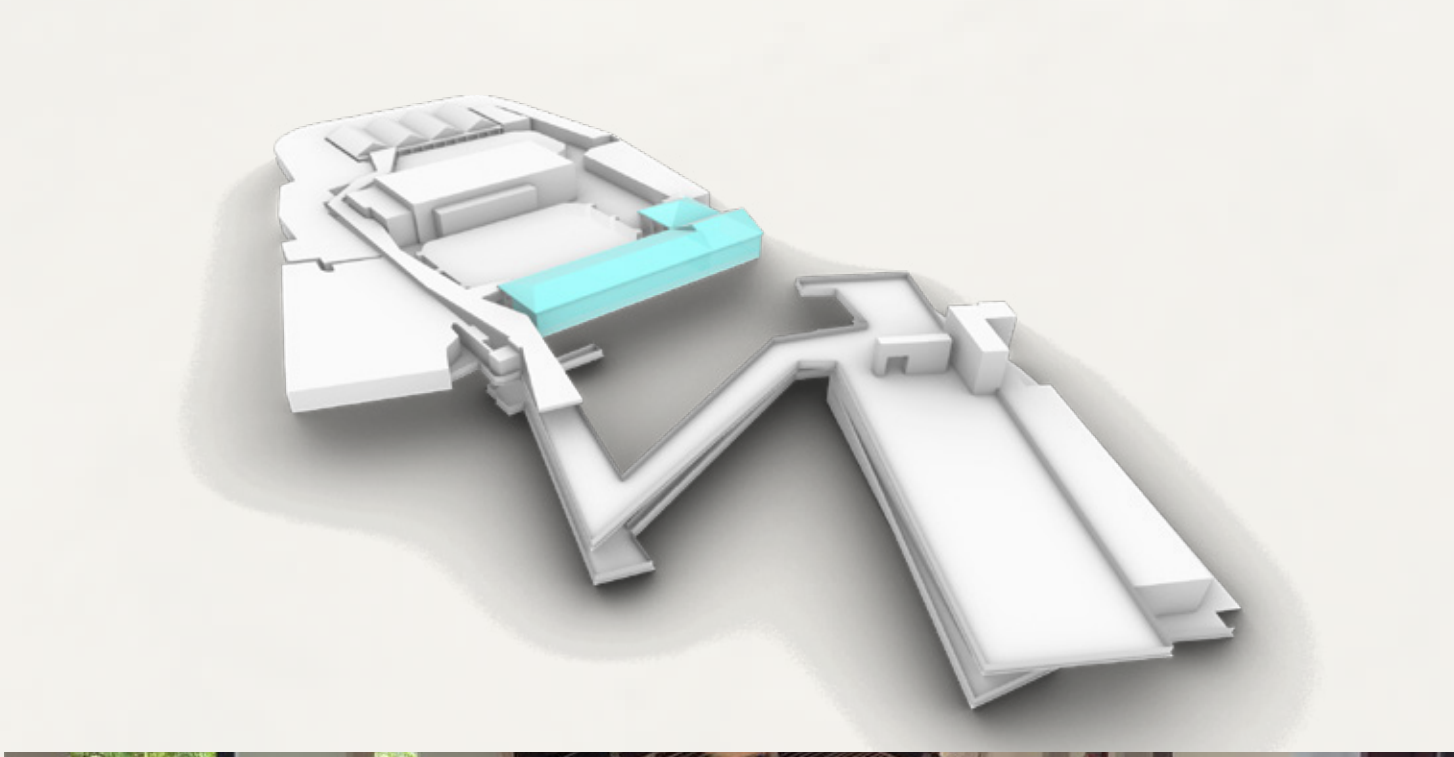
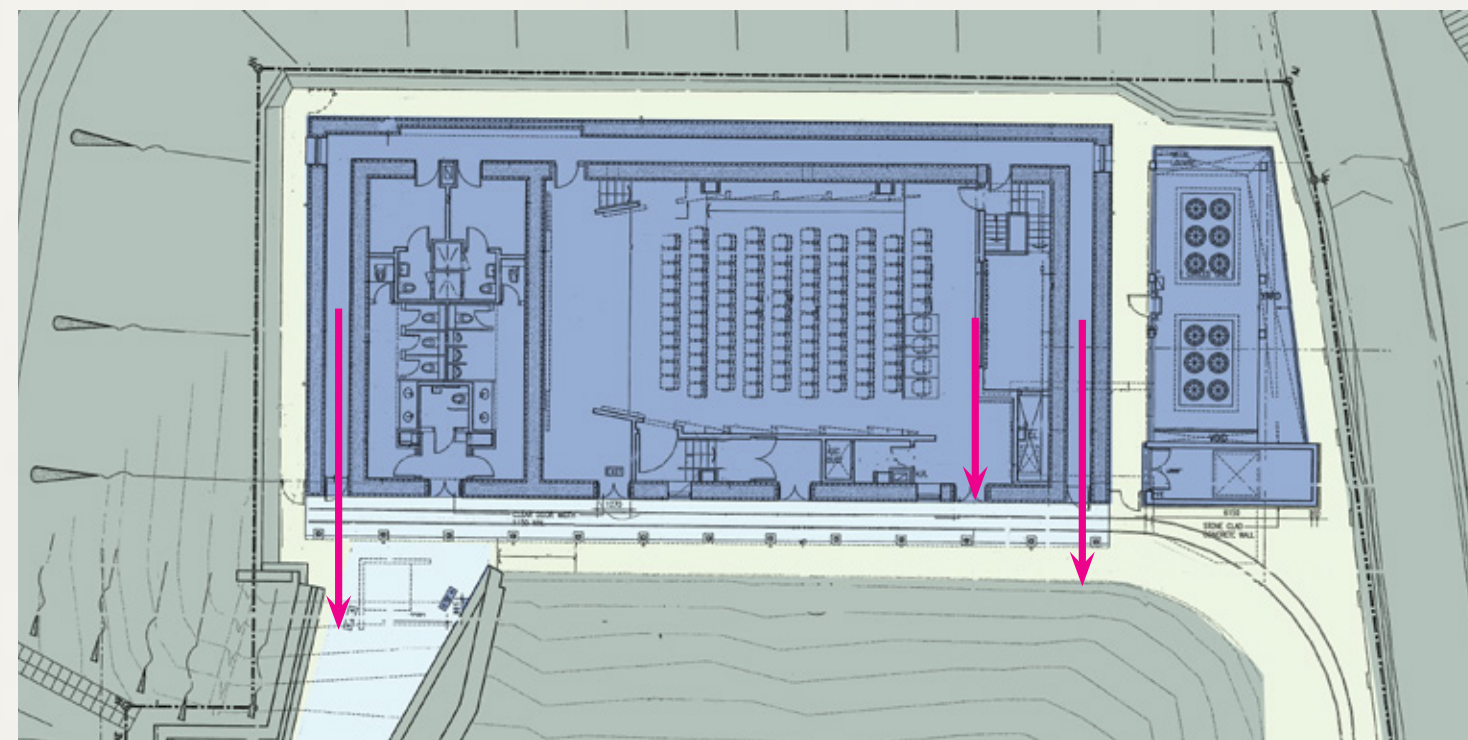
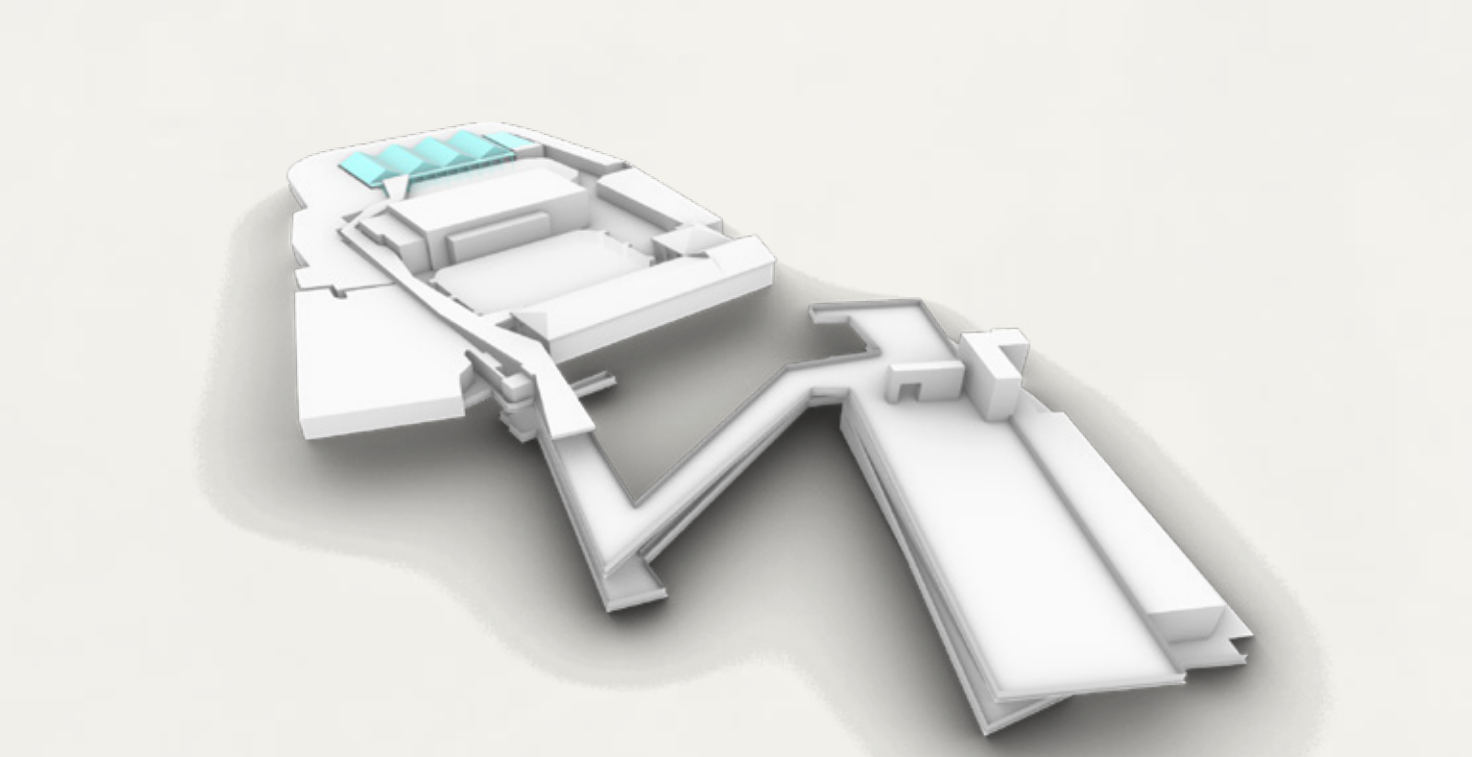




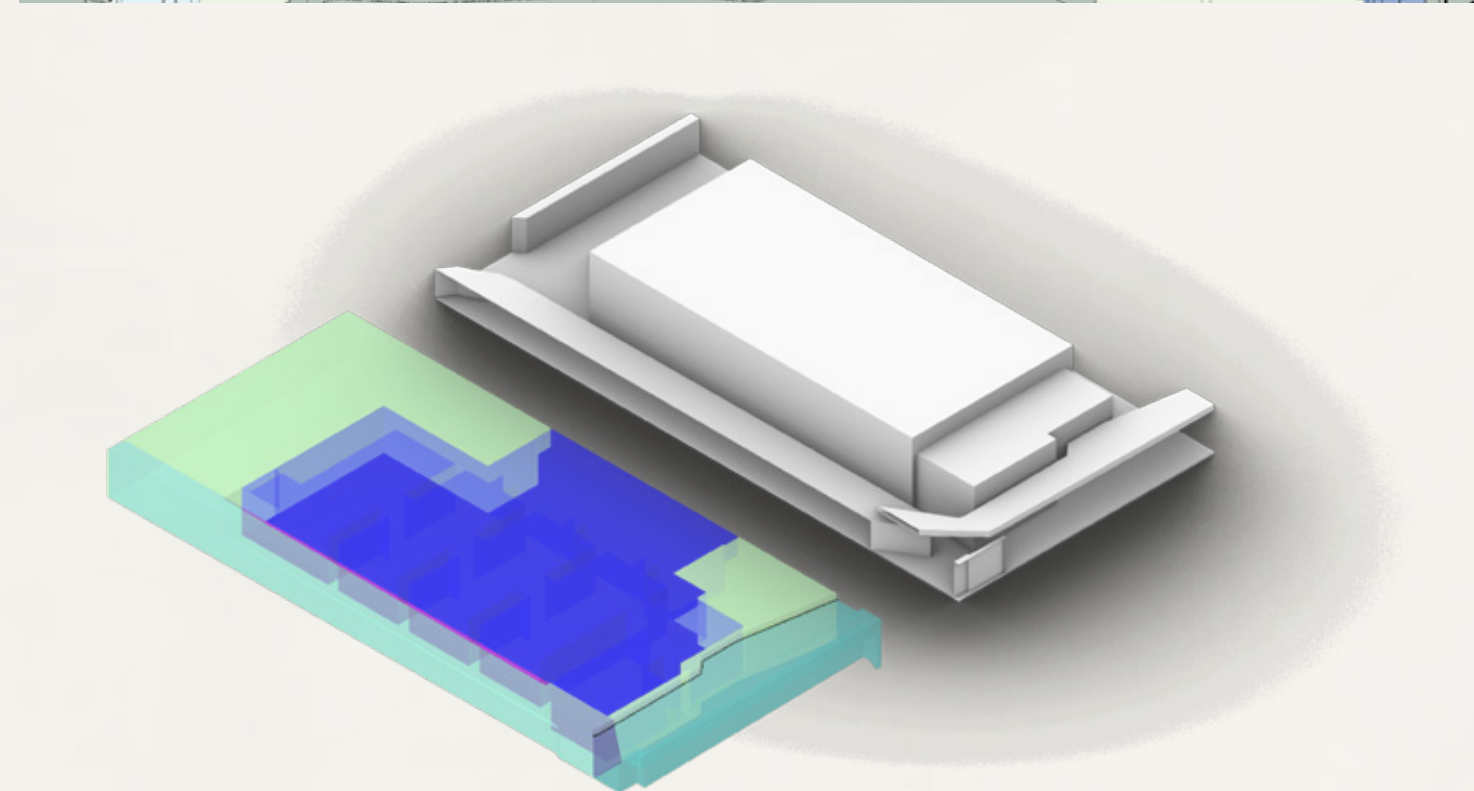
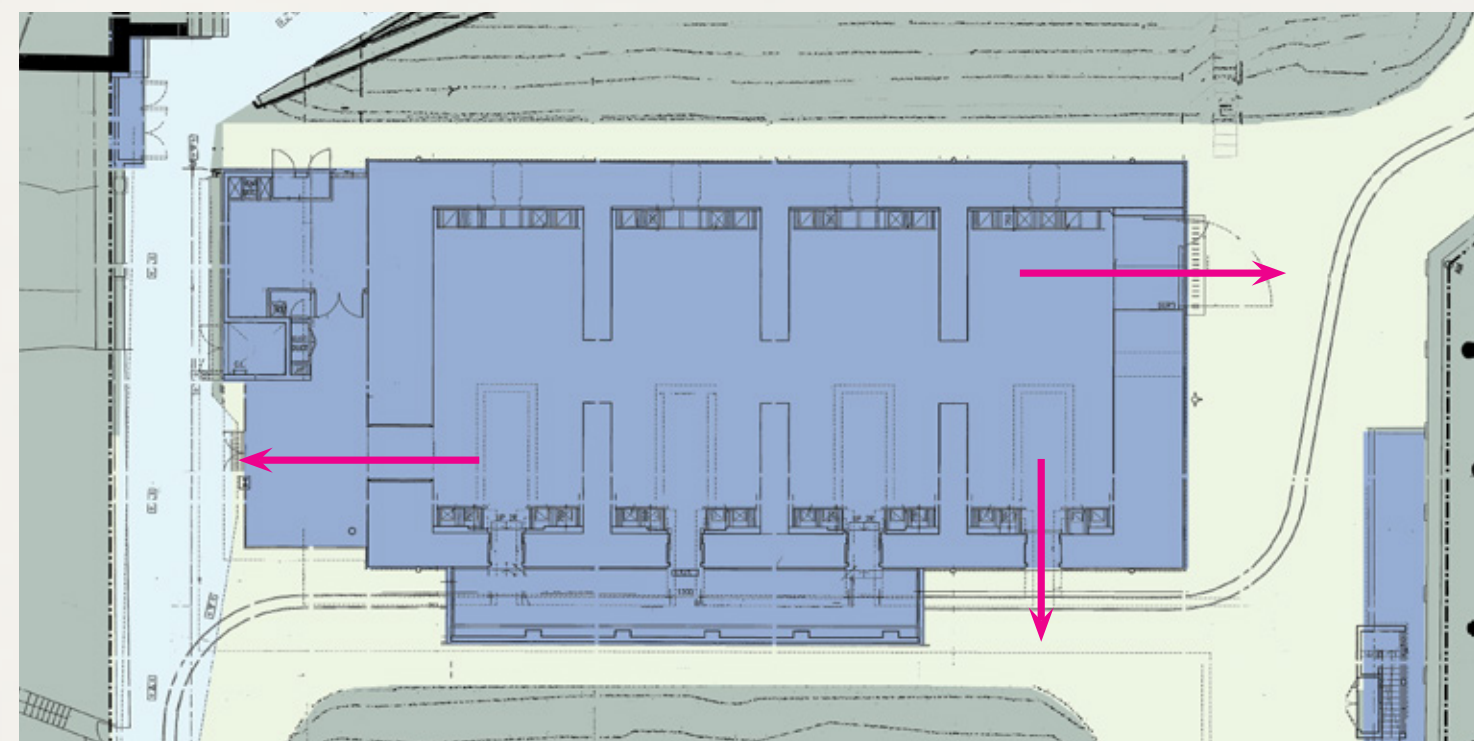


From the one minute's movie study, we found the best design in Asia society is the relationship between open space, semi-open space, an enclosed space, the link makes people enjoy the landscape and the sky, people able to enjoy nature by walkthrough the site from one block to another block, there are sort of no boundary to separate the environment and architecture. Therefore, this section is to study how the space design weaving nature and architecture together, make people enjoy between those space with unconsciously feeling.







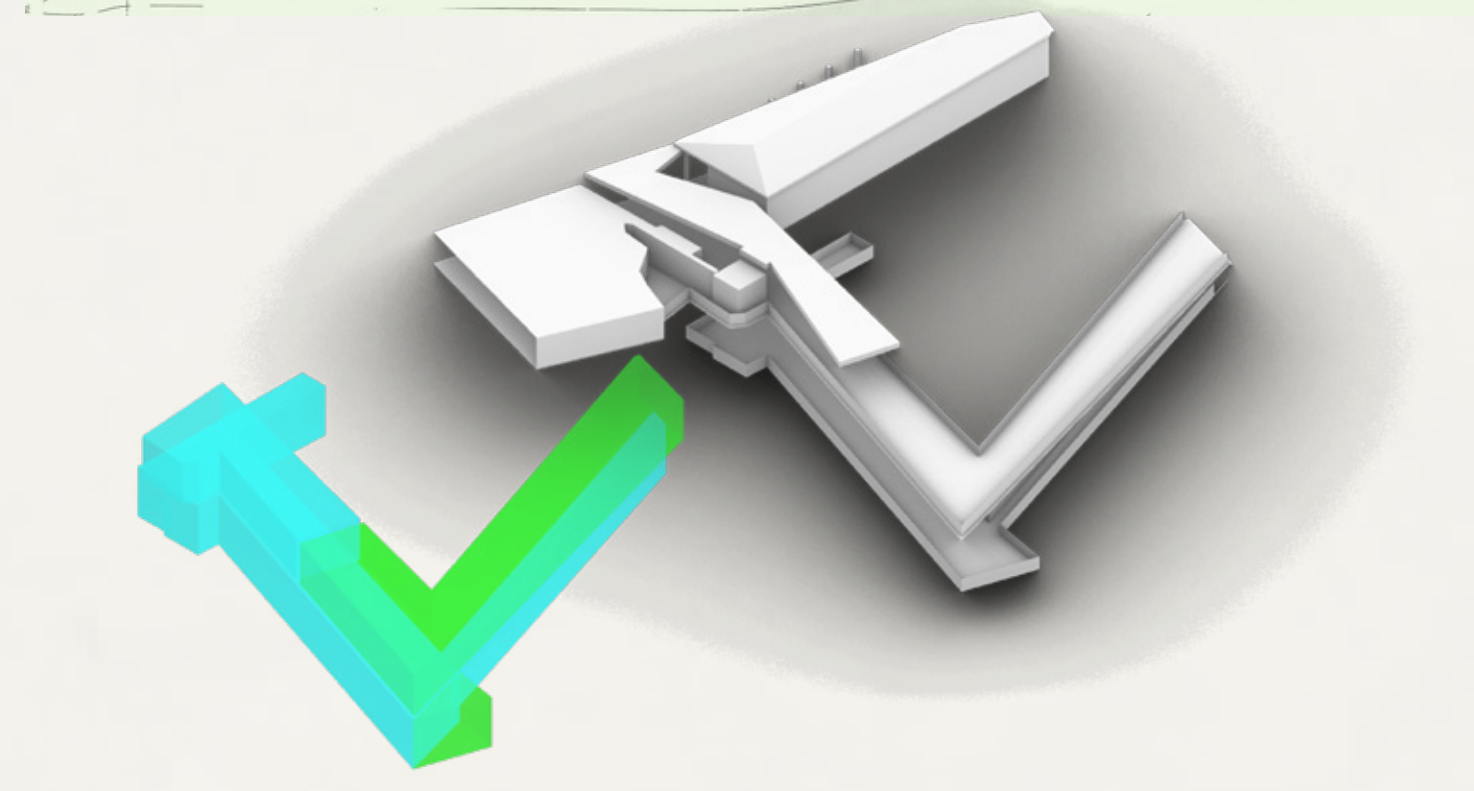
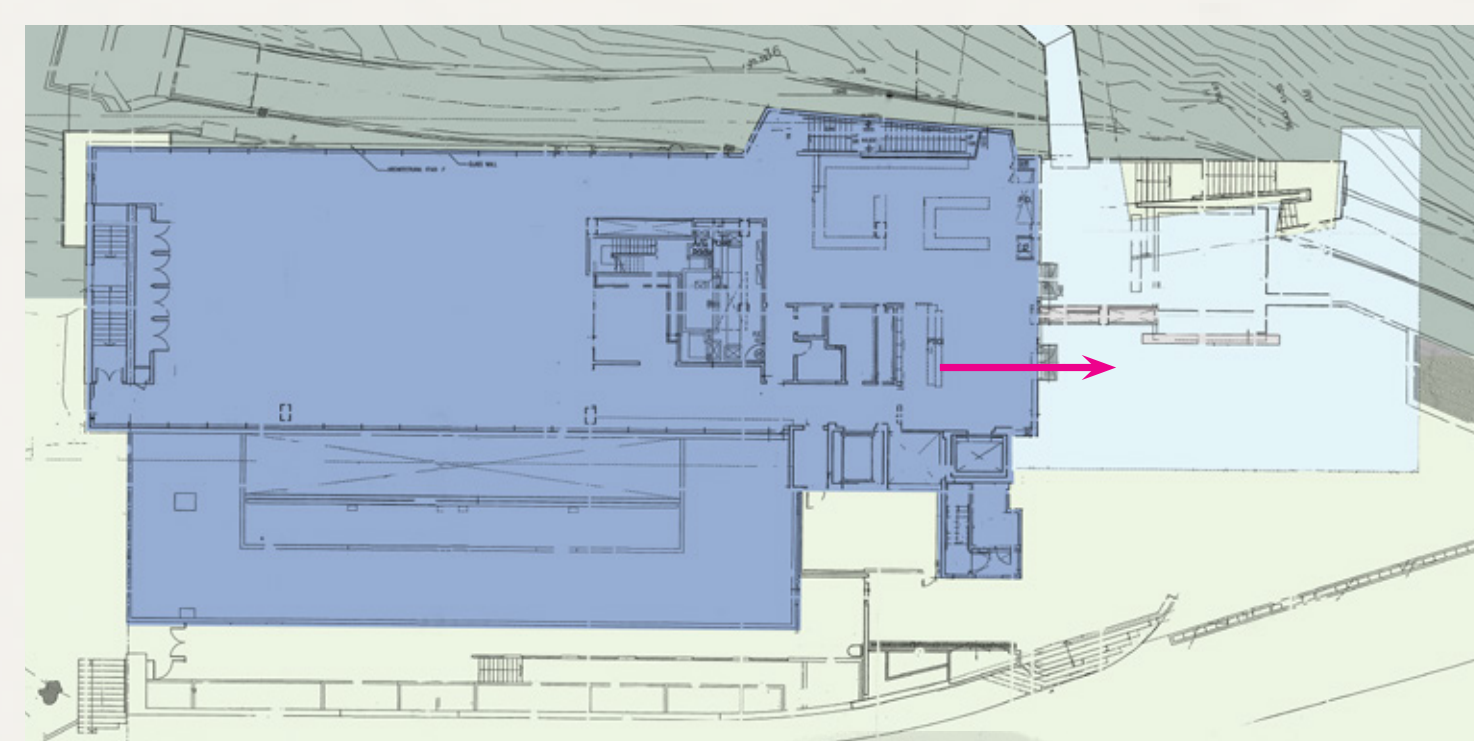
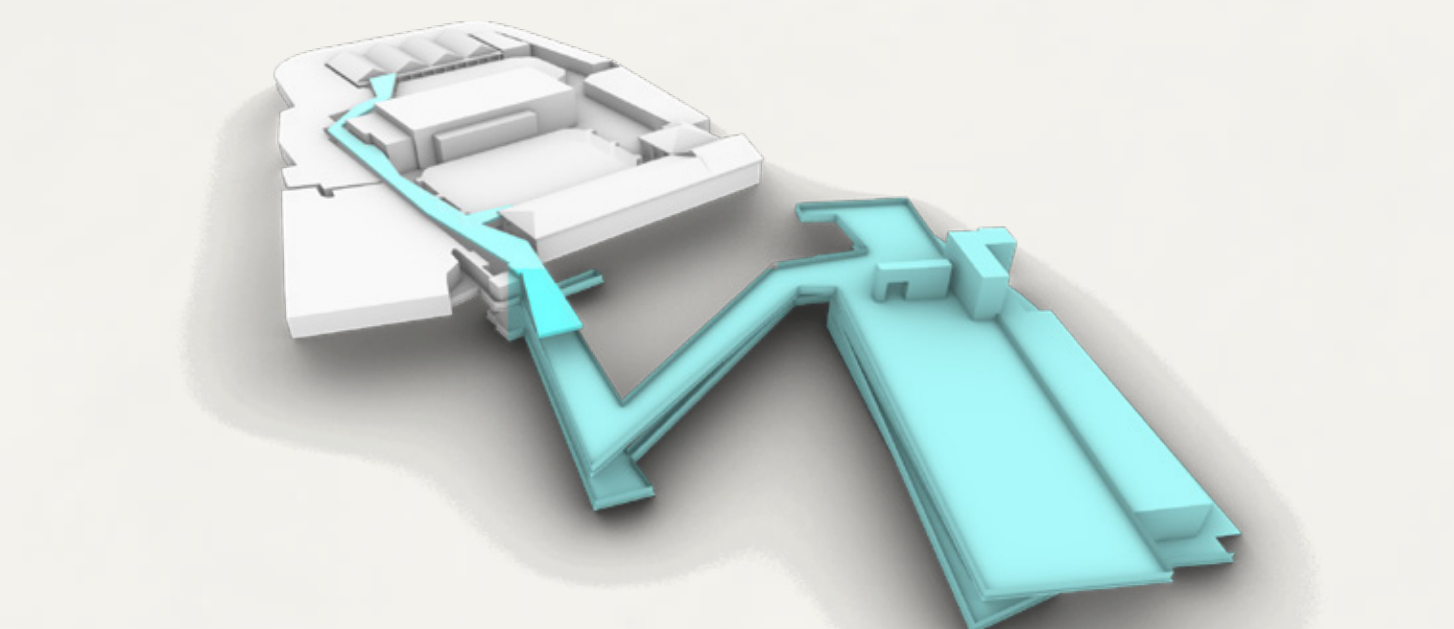
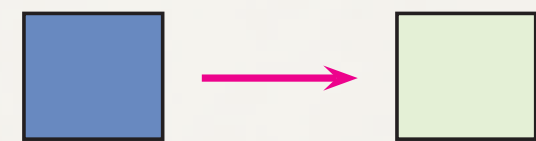


## MAGAZINE A

Legend:

- Open Space
- Semi-Open Space
- Enclosed Space

CIRCULATION STUDY

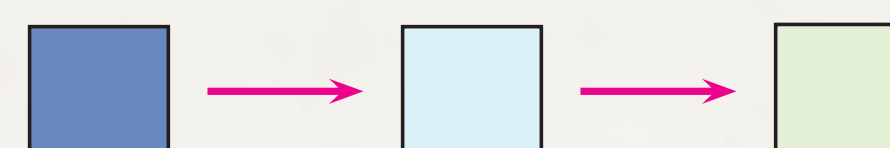


## GG BLOCK

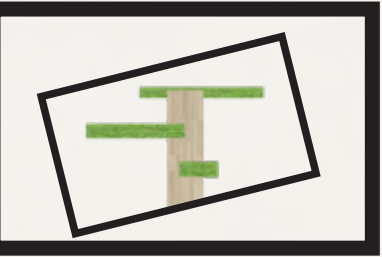
Legend:

- Open Space
- Semi-Open Space
- Enclosed Space

CIRCULATION STUDY







# RESEARCH : BORROWED SCENERY

*Borrow lighting, views and atmosphere from the nature*





<http://www.archiarchi.hk/2018/07/o-office-architects.html>

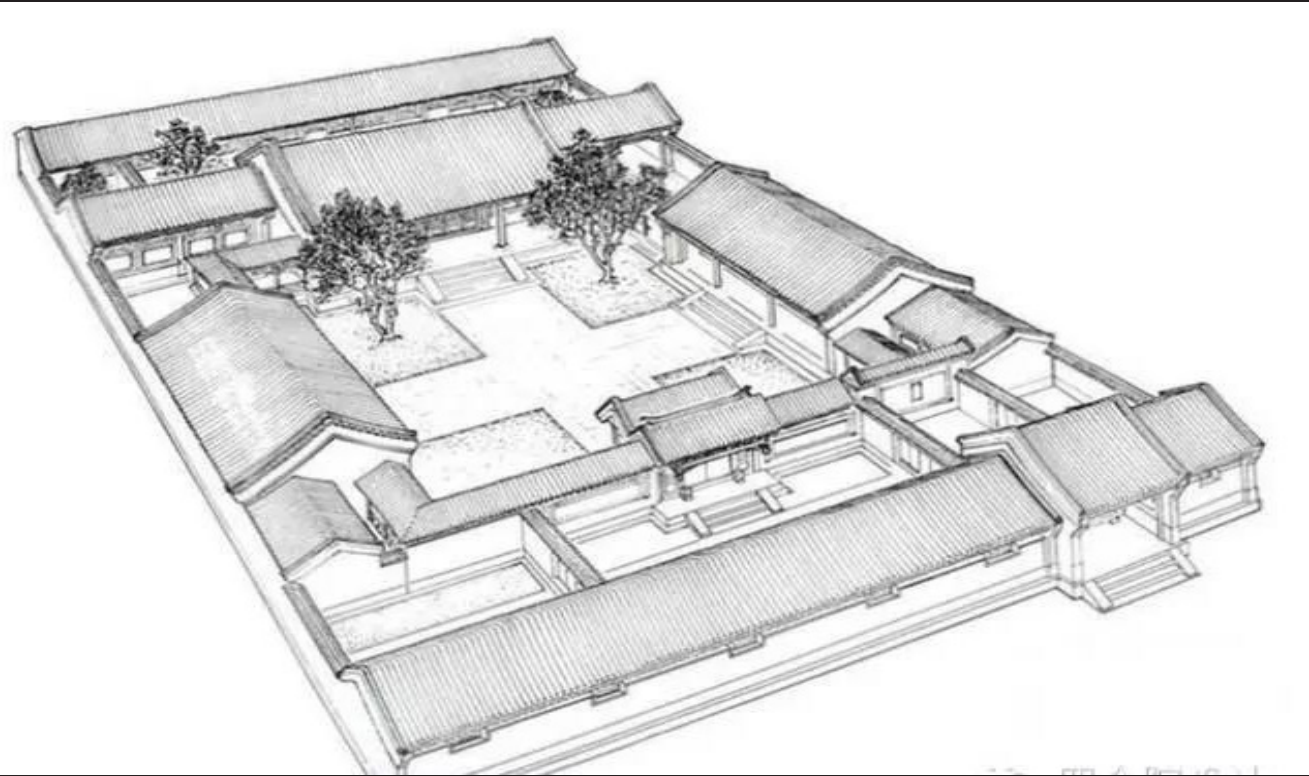


<https://zhuanlan.zhihu.com/p/38824955>

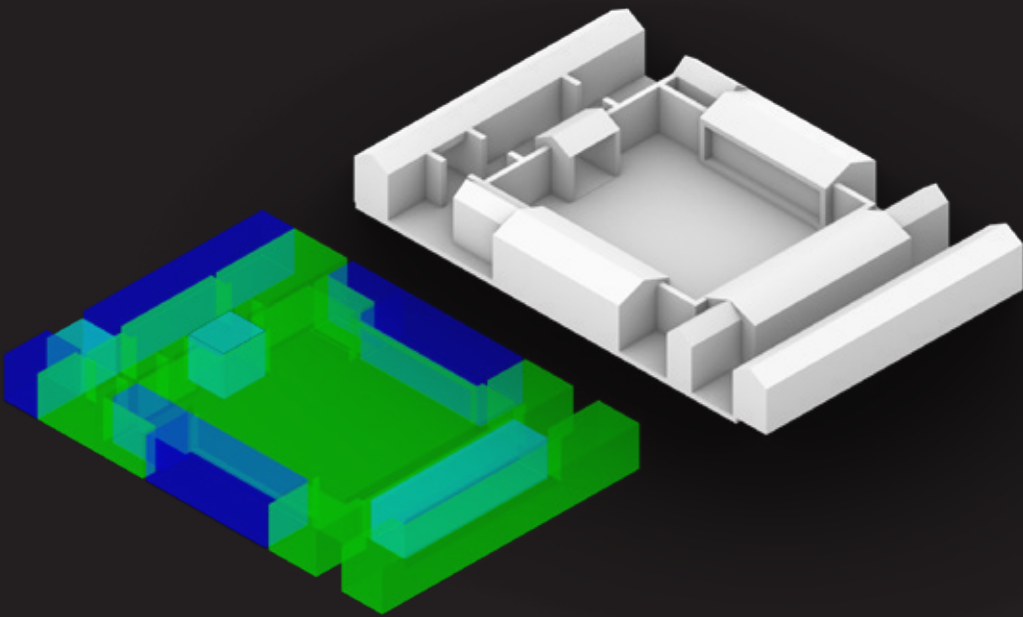


<https://read01.com/yOa8adQ.html#.XKUh0JgzZPY>

# SIHEYUAN IN CHINA



<https://kknews.cc/history/k8bq5rb.html>



- Legend:
- Open Space
  - Semi-Open Space
  - Enclosed Space

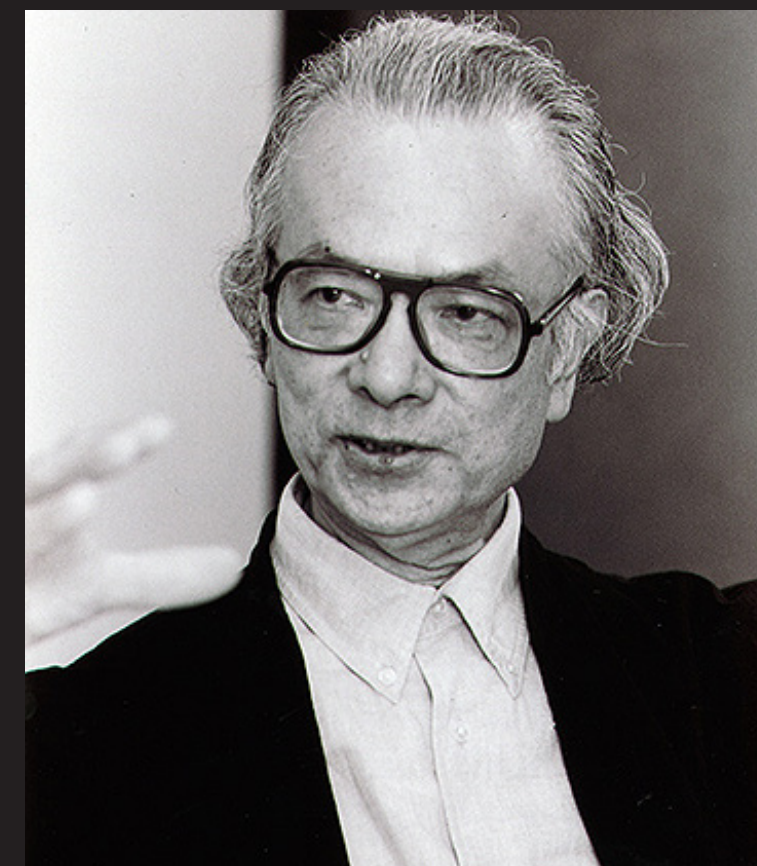




<https://www.metalocus.es/en/news/house-ashitaka-kazuo-shinohara>

## HOUSE ON A CURVED ROAD, 1978

*Architect: Kazuo Shinohara*



[https://sheji.pchouse.com.cn/65/652131\\_all.html](https://sheji.pchouse.com.cn/65/652131_all.html)



<http://ofcharacter.tumblr.com/post/171106094935/house-in-ashitaka-kazuo-shinoharanohara>



<https://www.cca.qc.ca/en/issues/25/a-history-of-references/53966/what-was-history-for-kazuo-shinohara>



<https://www.bmiaa.com/on-the-thresholds-of-space-making-the-work-of-kazuo-shinohara-at-eth-zurich/>

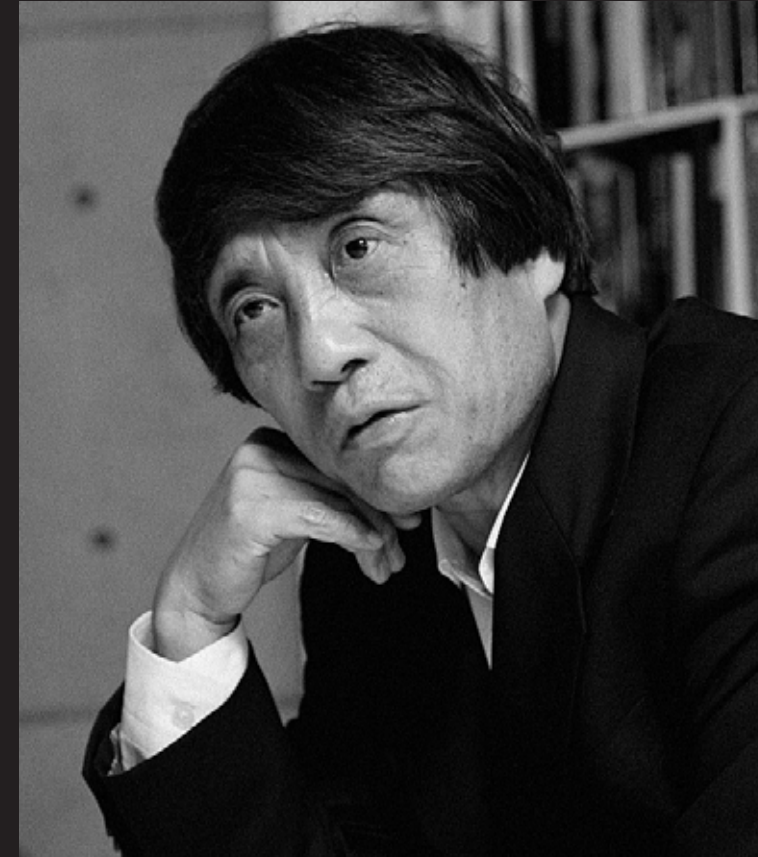




<http://sgustokdesign.com/tadao-ando-azuma-house>

## ROW HOUSE

*Architect: Tadao Ando*



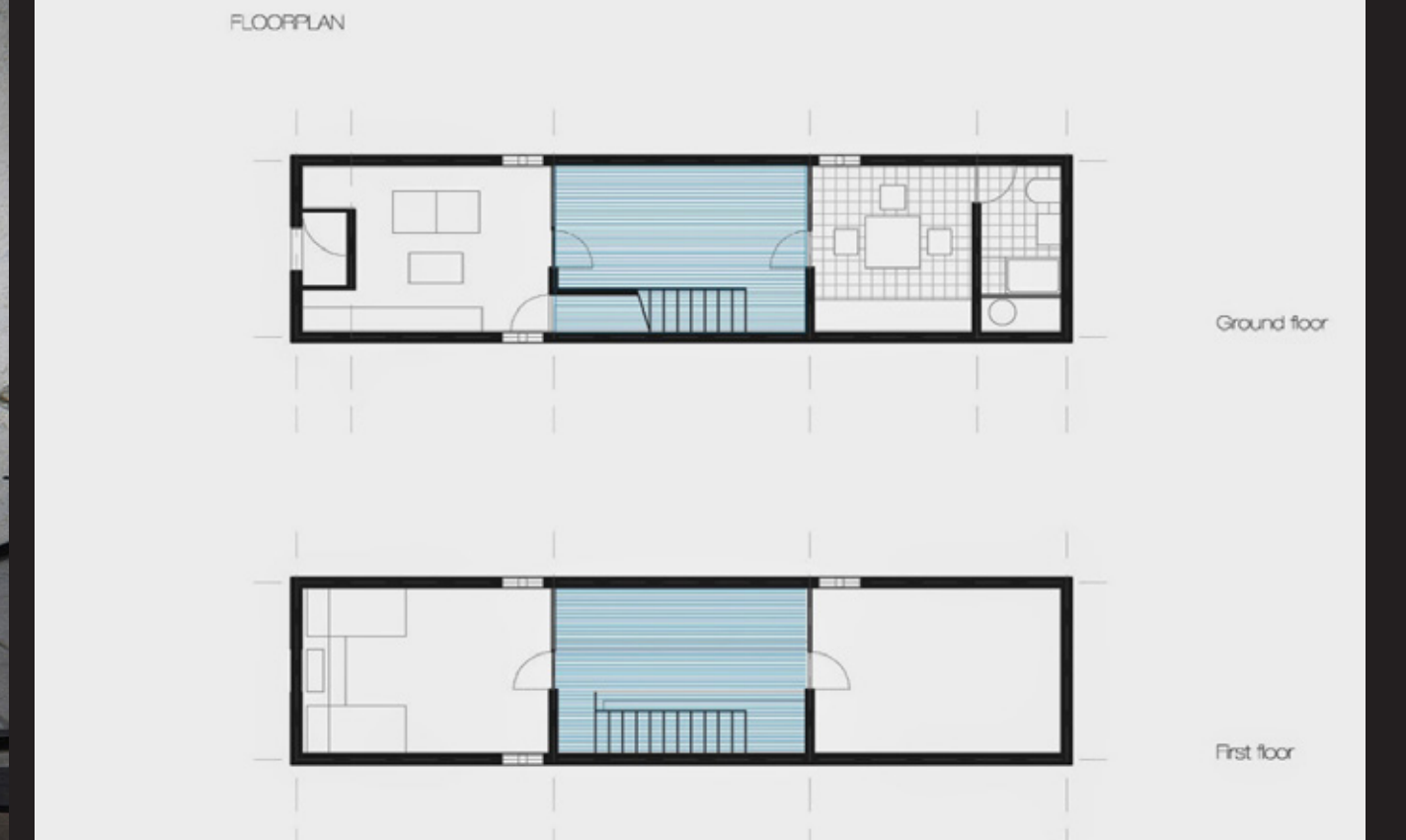
<https://www.ateliercourbet.com/tadao-ando-about>



<http://ofcharacter.tumblr.com/post/171106094935/house-in-ashitaka-kazuo-shinoharanohara>



<https://www.cca.qc.ca/en/issues/25/a-history-of-references/53966/what-was-history-for-kazuo-shinohara>



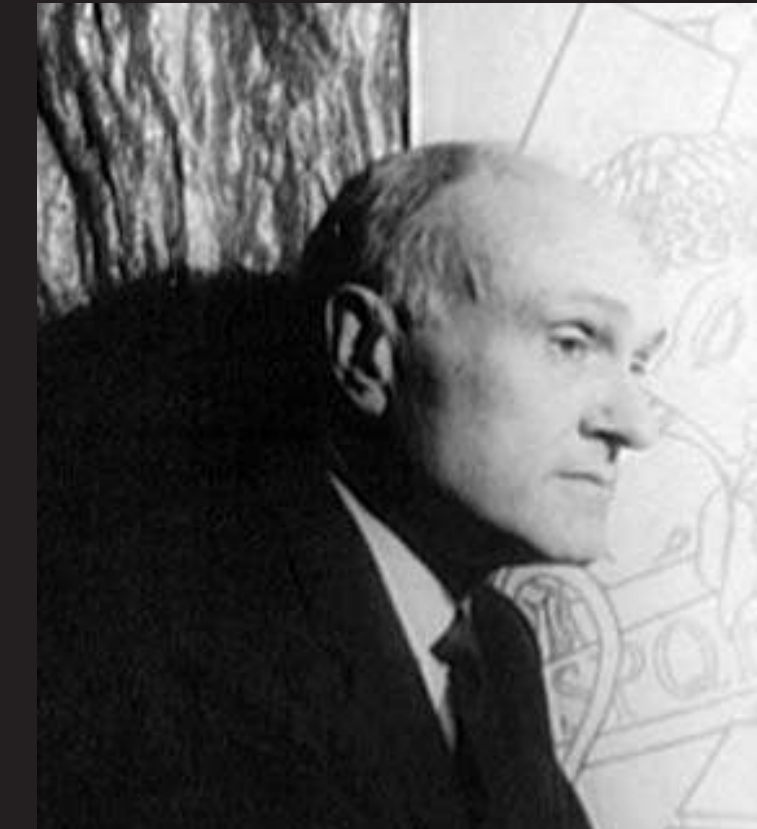
<https://www.aveofthestars.com/row-house-dimensions/row-house-dimensions-unique-row-house-tadao-ando-plan-fresh-tadao-ando-azuma-house/>



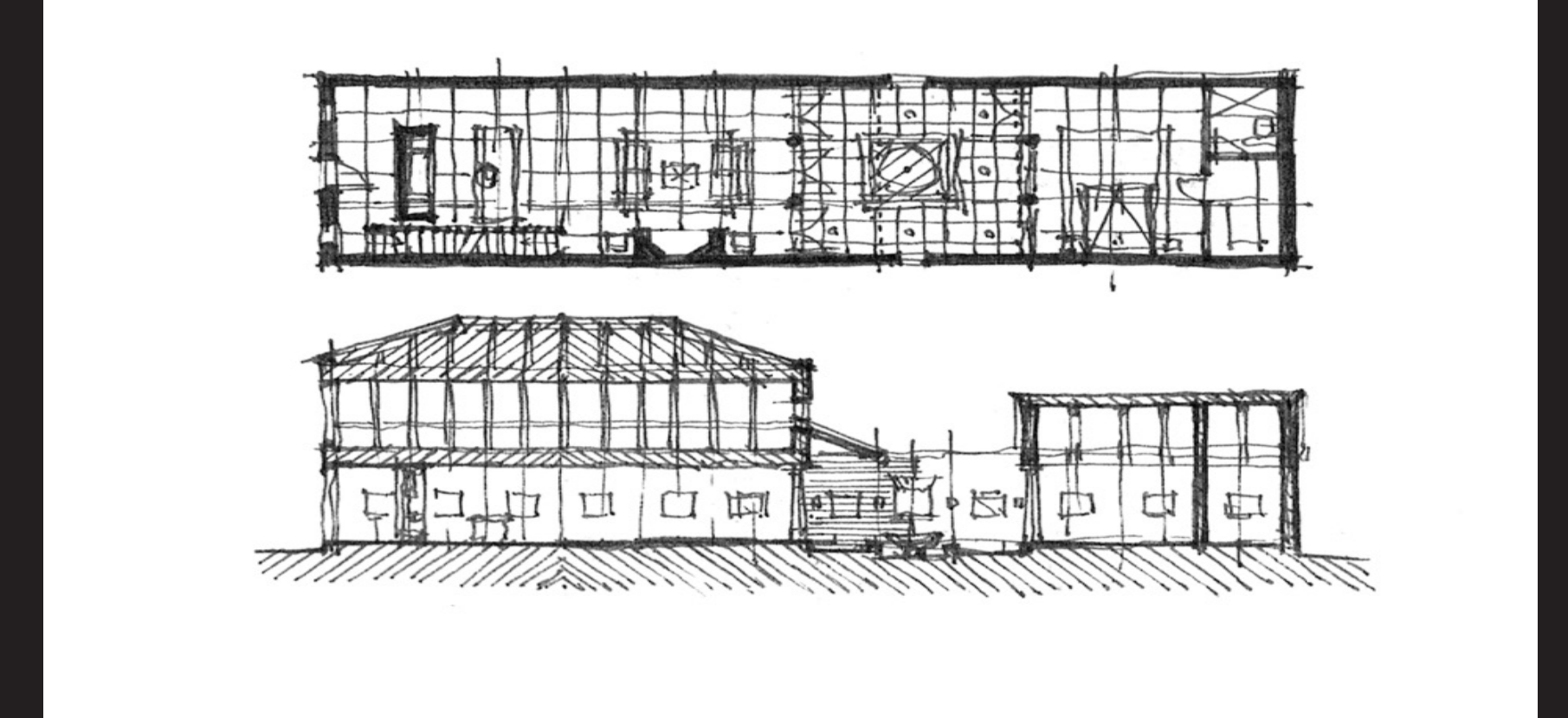


## ROCKEFELLER GUEST HOUSE

*Architect: Philip Johnson*



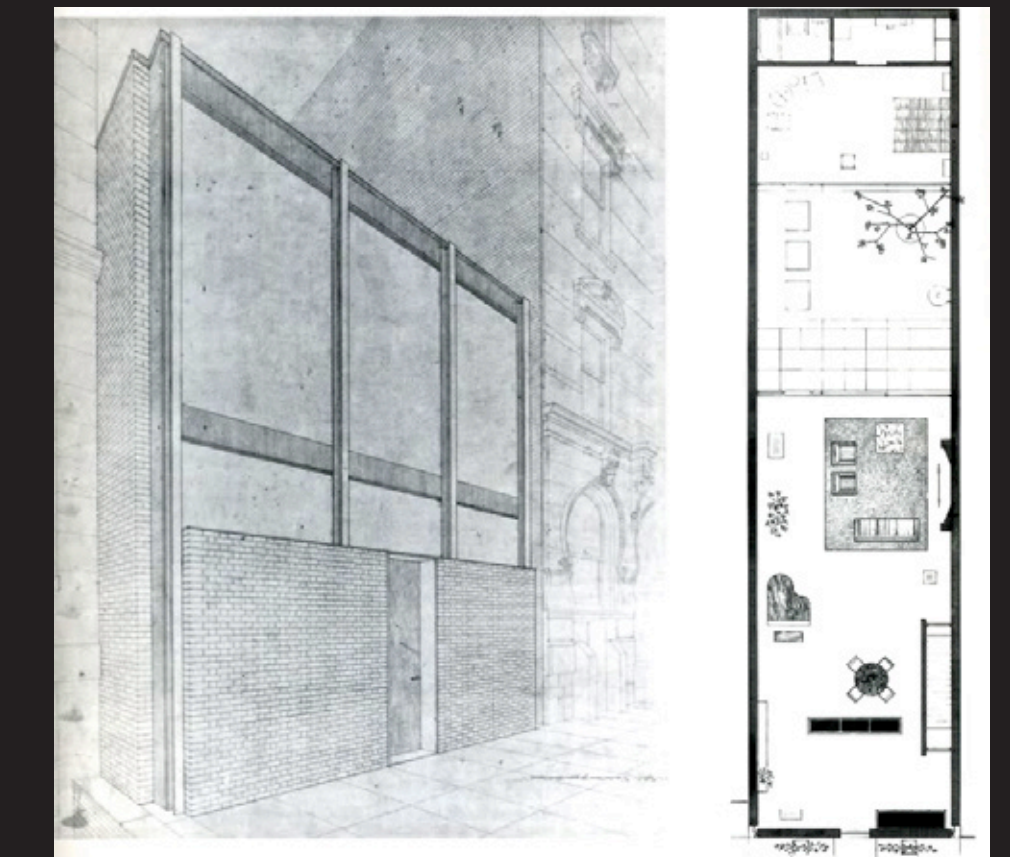
<https://www.britannica.com/biography/Philip-Johnson>



<https://framearch.blog/tag/rockefeller/>



<https://www.nytimes.com/2017/03/23/t-magazine/philip-johnson-rockefeller-guest-house-manhattan.html>



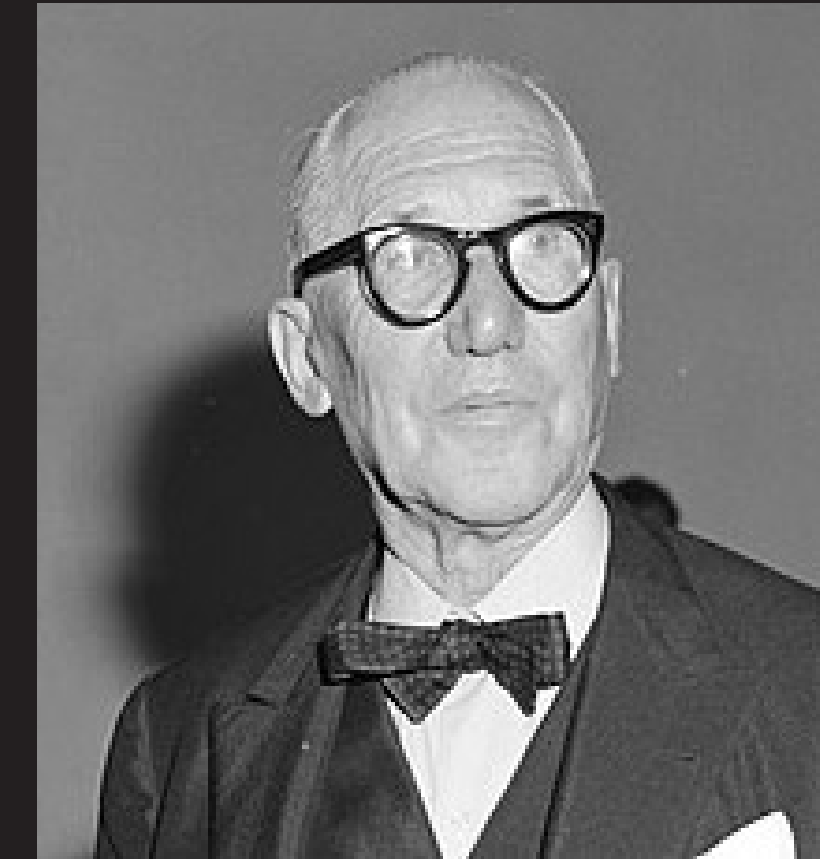
<https://en.wikiarquitectura.com/building/rockefeller-guest-house/>



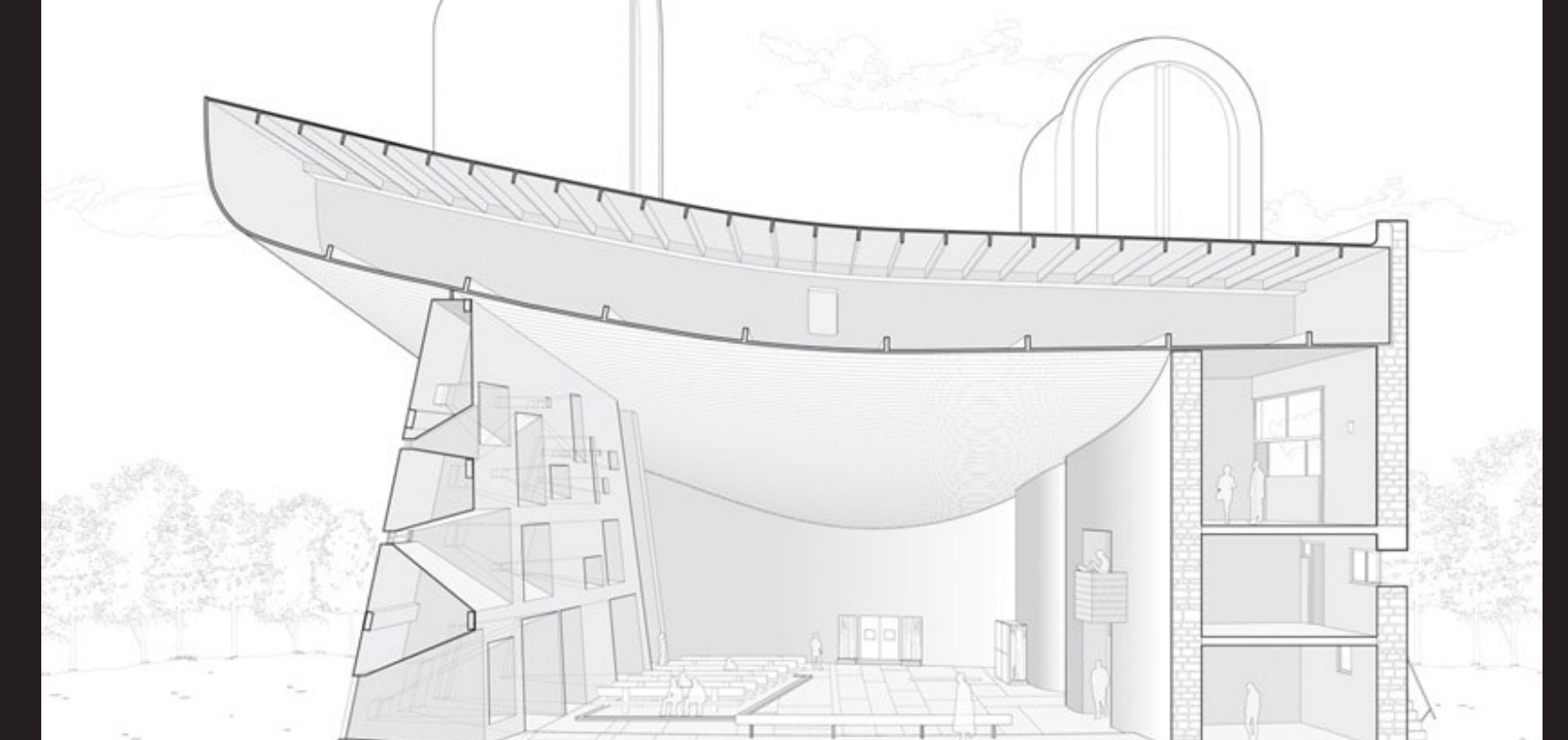


## RONCHAMP

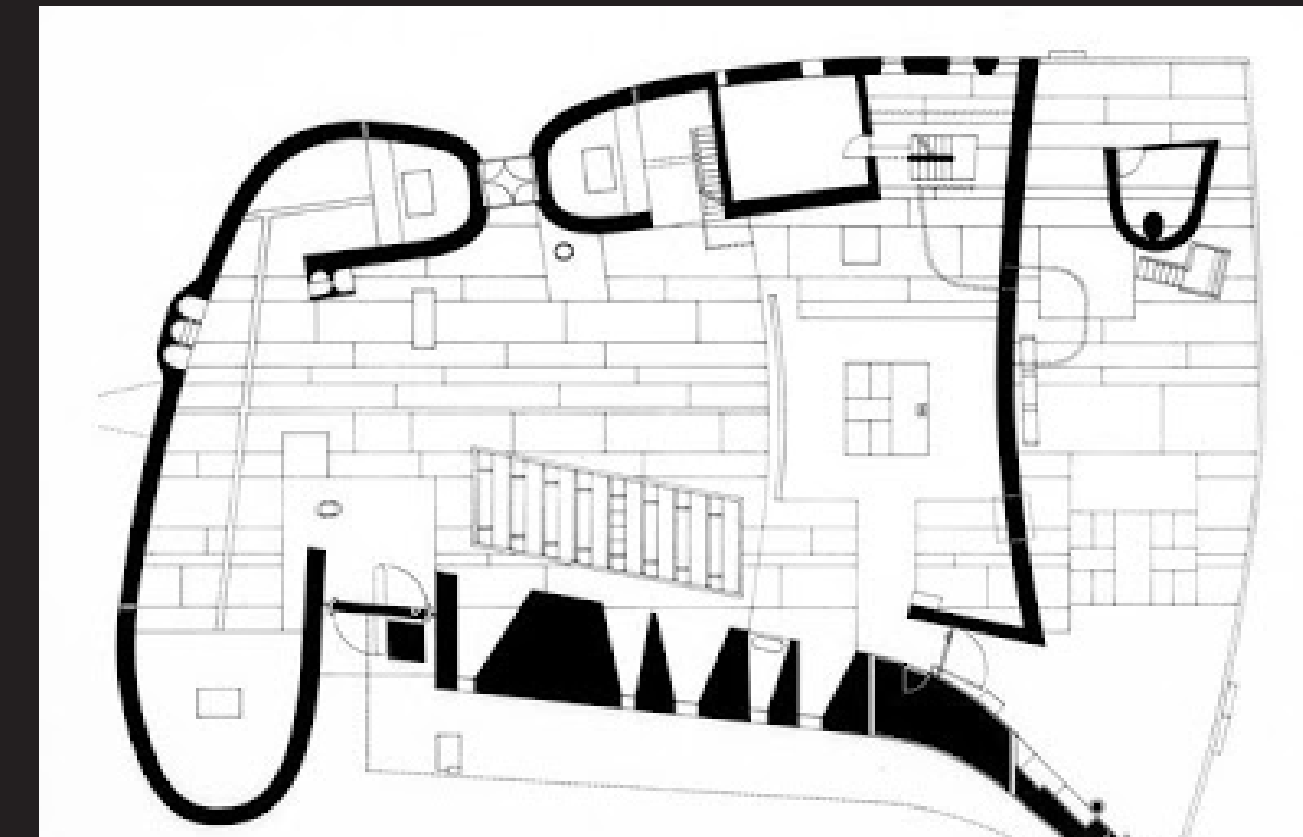
*Architect: Le Corbusier*



[https://en.wikipedia.org/wiki/Le\\_Corbusier](https://en.wikipedia.org/wiki/Le_Corbusier)



<https://www.inexhibit.com/mymuseum/notre-dame-du-haut-le-corbusier-ronchamp-chapel/>



[http://architecturalmoleskine.blogspot.com/2012/06/le-corbusier-chapel-of-notre-dame-du\\_30.html](http://architecturalmoleskine.blogspot.com/2012/06/le-corbusier-chapel-of-notre-dame-du_30.html)



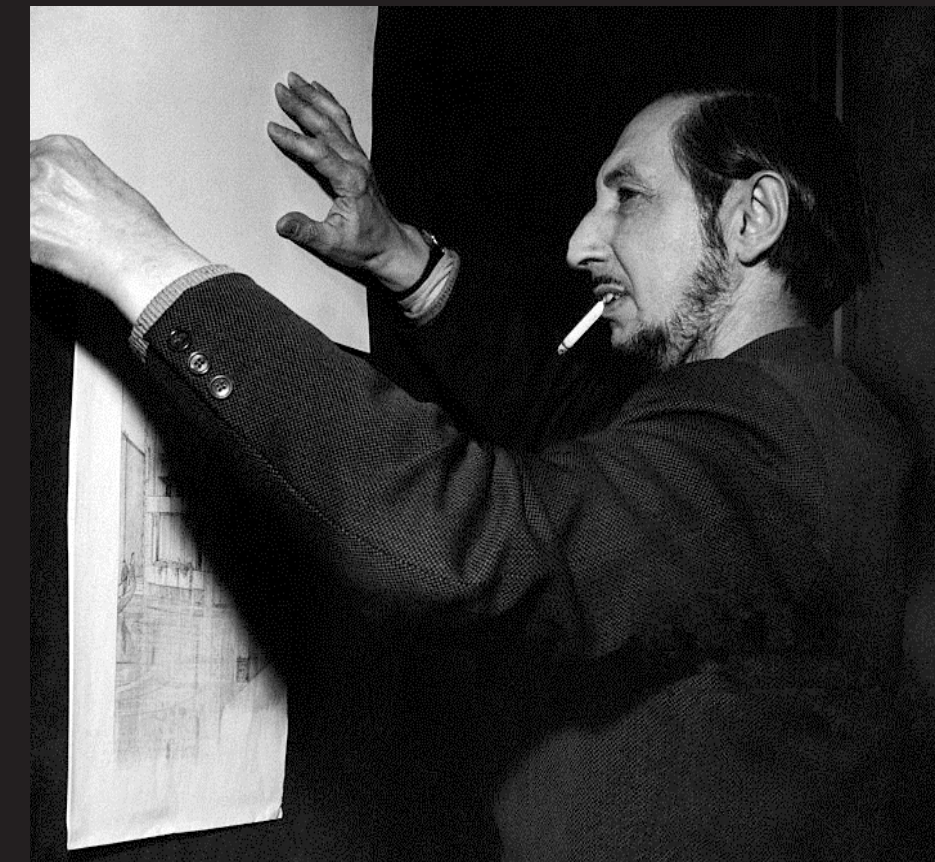
<https://twitter.com/hashtag/lecorbusier>





## CASTELVECCHIO MUSEUM

*Architect: Carlo Scarpa*



[https://en.wikipedia.org/wiki/Carlo\\_Scarpa#/](https://en.wikipedia.org/wiki/Carlo_Scarpa#/)



<http://www.lab2dot0.com/restauro-frontiere-tecnologiche-passato-futuro/>



[https://www.thefutureperfect.com/present\\_tense/articles/carlo-scarpa](https://www.thefutureperfect.com/present_tense/articles/carlo-scarpa)



<https://www.pinterest.com/pin/388646642821644596/?lp=true>





<http://www.ikuku.cn/project/chuizhi-bolizhai-zhangyong-he/13920269217807-chuizhi-bolizhai-zhangyonghe>



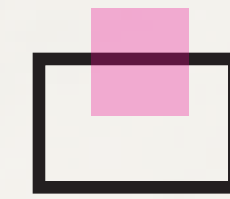
<http://www.ikuku.cn/project/chuizhi-bolizhai-zhangyong-he/13920269217807-chuizhi-bolizhai-zhangyonghe>



<https://mahno.com.ua/en/blog/post/sanaa>



<https://www.pinterest.com/pin/388646642821644596/?lp=true>



## BORROWED SCENRY BY CEILING

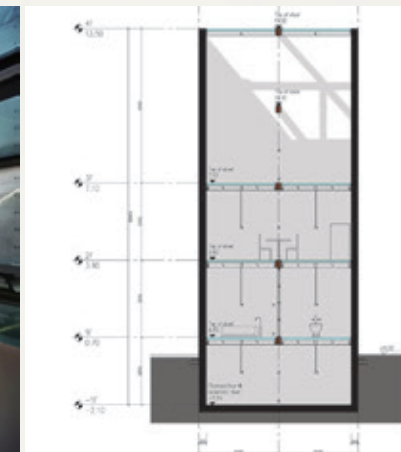
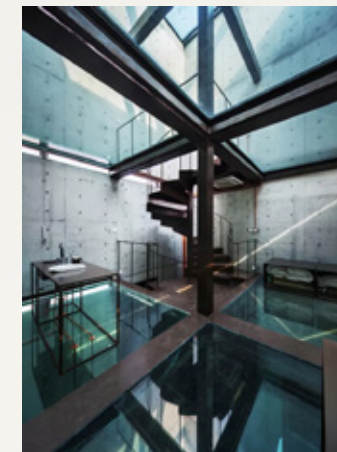
*Borrow lighting, views and atmosphere from the nature*



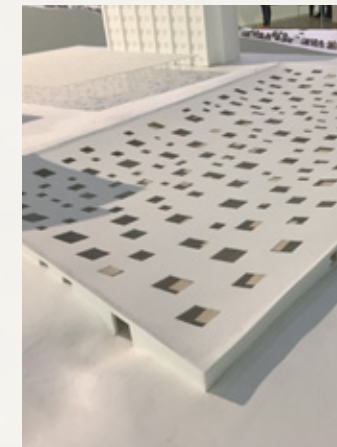
CURTAIN



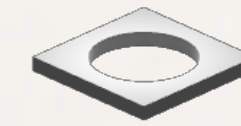
OPENING



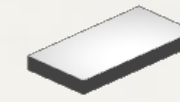
VERTICAL GLASS HOUSE BY YUNG HO CHANG  
image "<https://www.fcjz.com/archive/p/5bce19456981a30016369f12>"



KAIT CAFÉ BY JUNYA ISHIGAMI  
image "<http://www.instazu.com/tag/kanagawainstituteoftechnology>"  
"<https://www.flickrriver.com/photos/141727563/>"



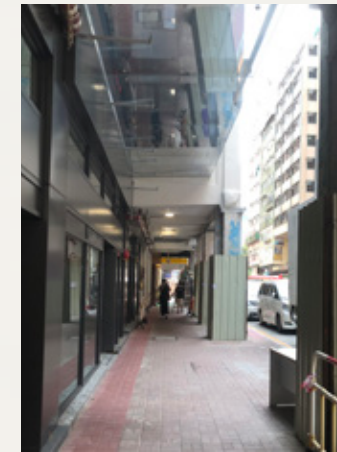
OPENING



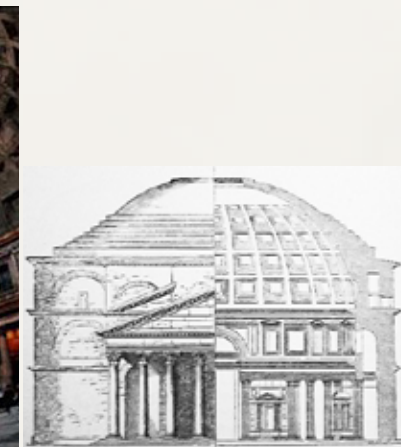
CANOPY



ROLEX LEARNING CENTER BY SANAA  
image "<https://www.flickr.com/photos/sebmaur/46709559874>"  
"<https://www.lynceetec.com/rolex-learning-center/>"



SHOPHOUSE IN HONG KONG



THE PANTHEON  
image "<https://romeonsegway.com/10-facts-about-the-pantheon/>"





## BORROWED SCENRY BY WALL

*Borrow lighting, views and atmosphere from the nature*

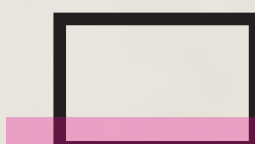


HOLO-BRICKS



NATIONAL ASSEMBLY BY LOUIS KAHN

image"[https://en.wikipedia.org/wiki/Louis\\_Kahn](https://en.wikipedia.org/wiki/Louis_Kahn)"

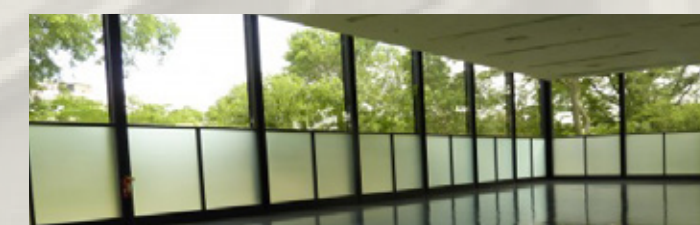


## BORROWED SCENRY BY FLOOR

*Borrow lighting, views and atmosphere from the nature*



CURTAIN



CROWN HALL BY MIES VAN DER ROTE

image"<http://www.architecture.org/learn/resources/buildings-of-chicago/building/crown-hall/>"

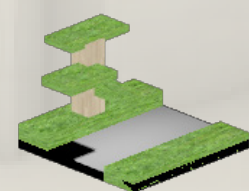


HOLO-BRICKS



NATIONAL ASSEMBLY BY LOUIS KAHN

image"[https://en.wikipedia.org/wiki/Louis\\_Kahn](https://en.wikipedia.org/wiki/Louis_Kahn)"



INDOOR LANDSCAPE



KAIT Workshop BY Junya Ishigami

image"<https://aap.cornell.edu/news-events/junya-ishigami-my-works>"



ROSE WINDOW

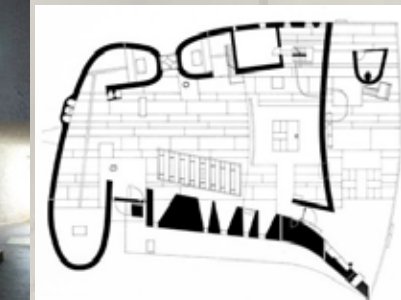
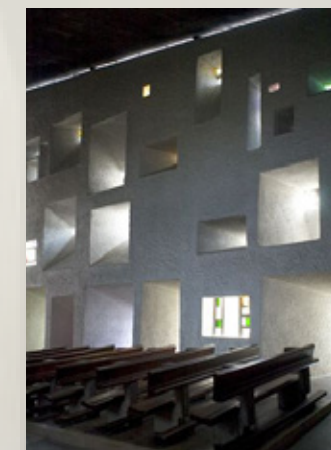


CATHÉDRALE NOTRE-DAME DE PARIS

image"<https://bathoyouthgospelchoir.com/notre-dame-cathedral-rose-window/notre-dame-cathedral-rose-window-beautiful-une-vue-du-transept-de-la-cathedrale/>"

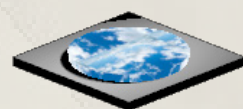


MULT-OPENING  
WITH SUNANGLE



CHAMPHOUSE BY LE CORBUSIER

image"<https://www.inexhibit.com/mymuseum/notre-dame-du-haut-le-corbusier-ronchamp-chapel/>"



FOUNTAIN



Naoshima Art Museum BY Tadao Ando

image"<https://www.cgtrader.com/3d-models/architectural/other/tadao-ando-naoshima-art-museum-the-third-and-the-seventh-3d-m>"



CURTAIN



CROWN HALL BY MIES VAN DER ROTE

image"<http://www.architecture.org/learn/resources/buildings-of-chicago/building/crown-hall/>"



HOLE



BEIJING QUADRANGLE

<https://read01.com/yOa8adQ.html#.XKUh0JgzZPY>



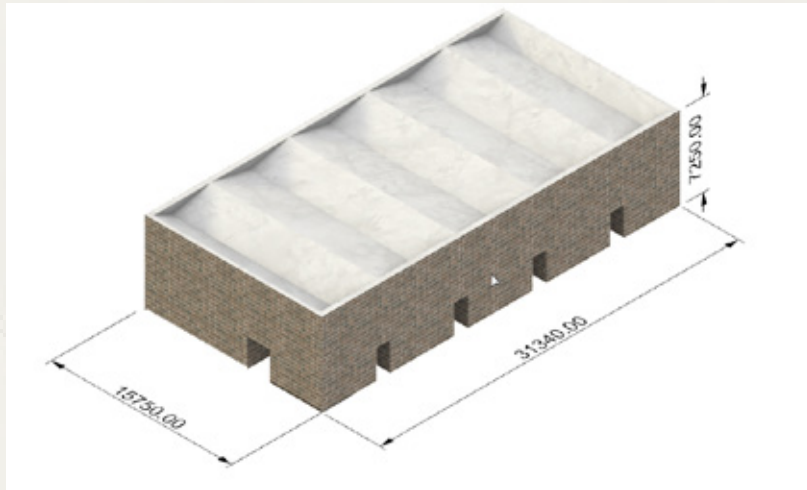
DOOR OPENING



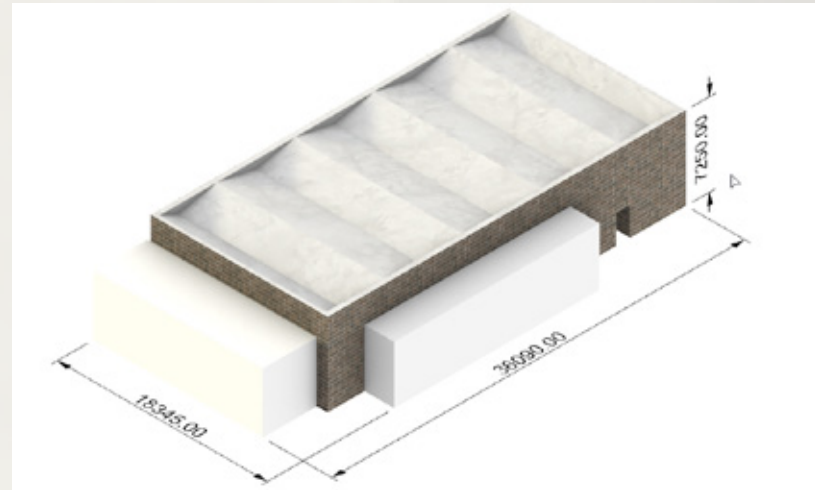
HOUSE ON A CURVED ROAD BY KAZUO SHINOHARA

image"<https://www.pinterest.com/pin/300122762663458744/>"

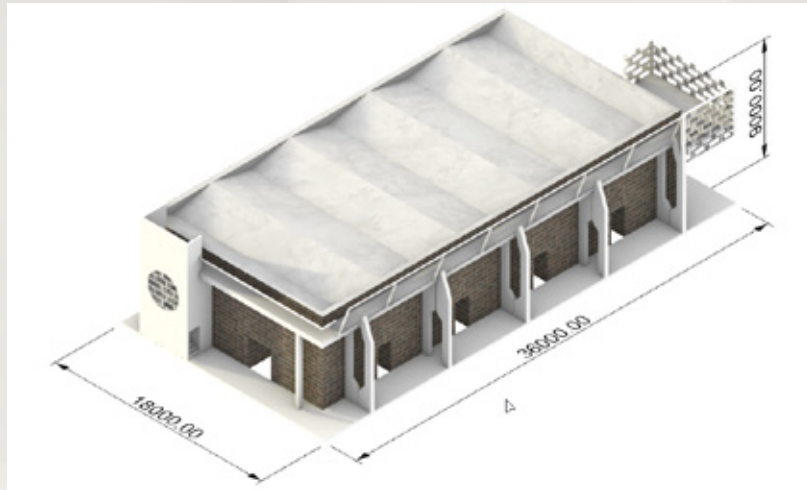




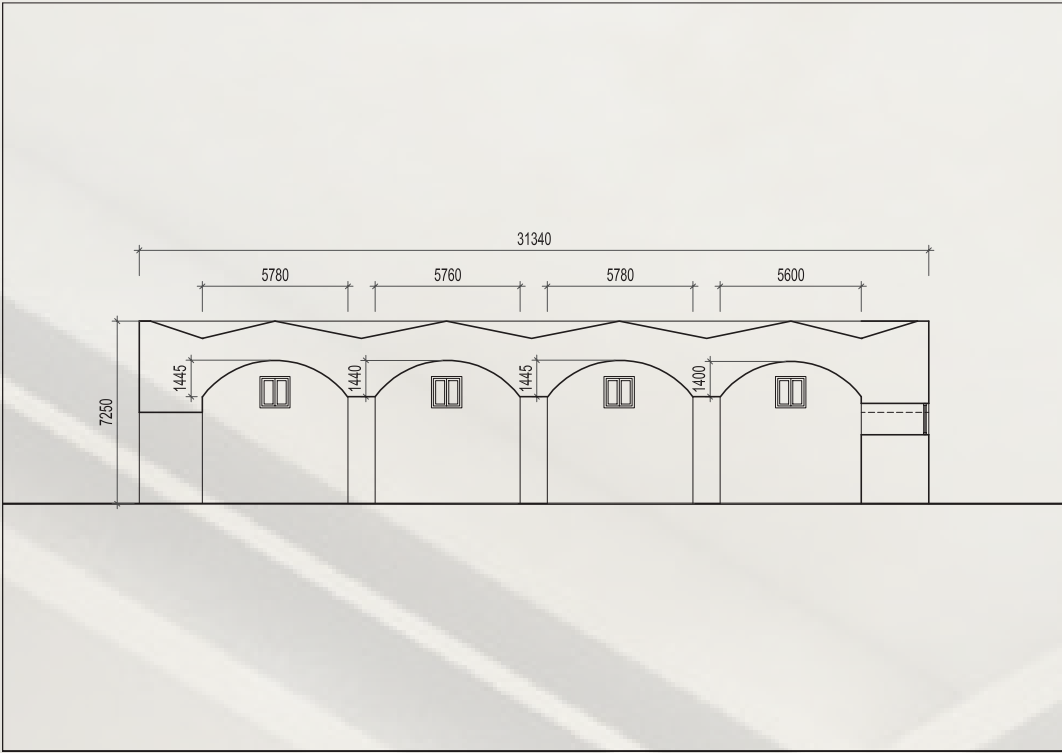
HEIGHT	WIDTH	DEPTH
7250MM	15750MM	31340MM
PROPORTION	~2 TIMES OF HEIGHT	~2 TIMES OF WIDTH



HEIGHT	WIDTH	DEPTH
7250MM	18345MM	36090MM
PROPORTION	~2.5 TIMES OF HEIGHT	~2 TIMES OF WIDTH

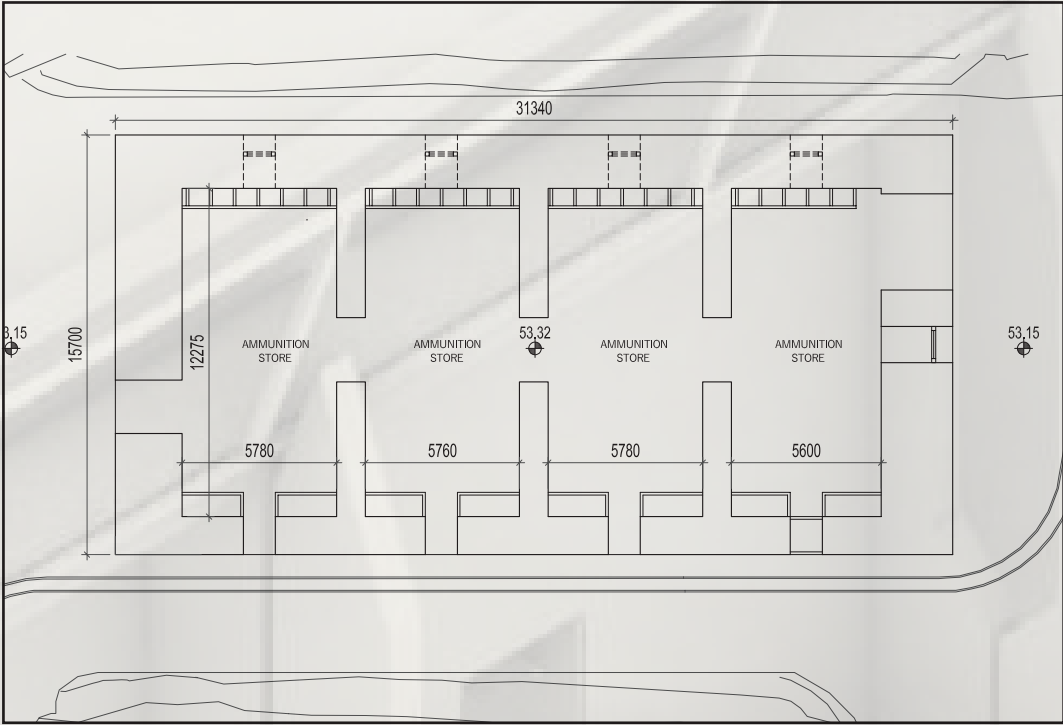


HEIGHT	WIDTH	DEPTH
9000MM	18000MM	36000MM
PROPORTION	2 TIMES OF HEIGHT	2 TIMES OF WIDTH



SECTION OF THE HERITAGE

ARCH AND DOME	
ARCH HEIGHT	ARCH WIDTH
1445 MM	5760 MM
PROPORTION	~2 TIMES OF HEIGHT



LAYOUT PLAN OF THE HERITAGE

SPACE PLANNING	
WIDTH	DEPTH
5780 MM	12275 MM
PROPORTION	~2 TIMES OF HEIGHT



# THE RESEARCH OF THE SITE ELEMENTS

DESIGN PROJECT AT ASIA SOCIETY



## THE MUNITIONS TRACK

Constructed in the late 19th century to transport explosives within the British military sites, the Munitions Track connected the Former Laboratory, where shells were filled and examined, with Former Magazines A and B, where ammunition and gunpowder barrels were stored. Heavy shells loaded on four-foot long carts were pulled along the track by a winding engine located down the valley within the Victoria Barracks. In the early 20th century, the War Office erected an aerial ropeway near the end of the track on the north-eastern edge of the Former Laboratory. This ropeway was designed to transport ammunition between the Explosives Magazine and the seafront within the Arsenal Yard in Wan Chai, it facilitated the deployment of explosives from the barracks to defensive locations throughout Hong Kong. The remains of the original tracks have been preserved in site.



## THE MUNITIONS TRACK

*Connected the Former Laboratory, where shells were filled and examined, with Former Magazines A and B, where ammunition and gunpowder barrels were stored.*

Constructed in the late 19th century to transport explosives within the British military sites, the Munitions Track connected the Former Laboratory, where shells were filled and examined, with Former Magazines A and B, where ammunition and gunpowder barrels were stored. Heavy shells loaded on four-foot long carts were pulled along the track by a winding engine located down the valley within the Victoria Barracks. In the early 20th century, the War Office

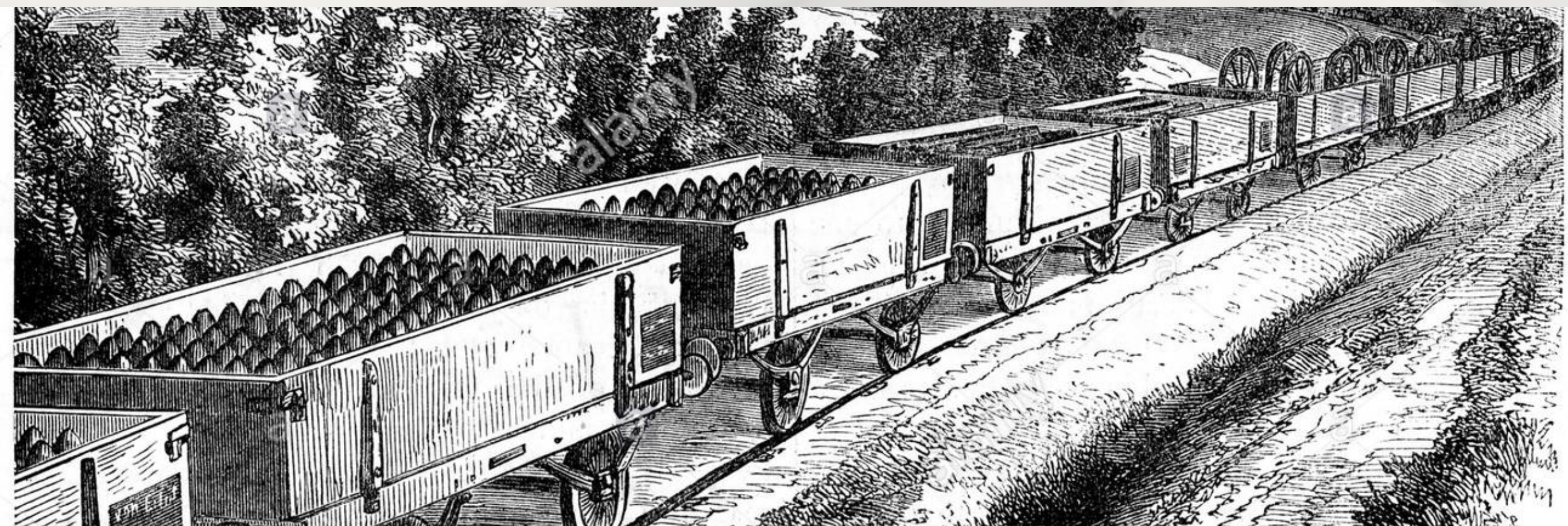
erected an aerial ropeway near the end of the track on the northeastern edge of the Former Laboratory. This ropeway was designed to transport ammunition between the Explosives Magazine and the seafront within the Arsenal Yard in Wan Chai, it facilitated the deployment of explosives from the barracks to defensive locations throughout Hong Kong. The remains of the original tracks have been preserved in situ.



*The Munitions Track at Asia Society, able to reuse by magnet for the movable pavilion.*







## THE AMMUNITION TRAIN

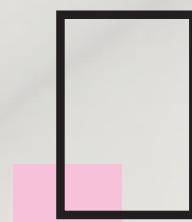
*Moveable, Transformable, Functionable*

The ammunition train used to be a transfer train with boom, gun, butlet, rocket, AK-47, MP5, hand gun, machine gun, etc, for the army, with the track. And now, we are trying to design

a moveable pavilion with beer, cocktail, alcoholic, gin, rum etc. Moveable pavillion is more efficent than moving table and seat by human force.



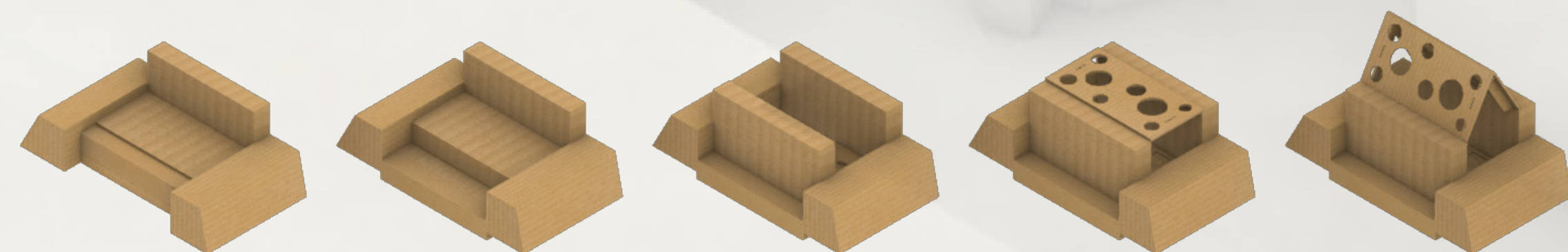




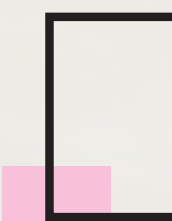
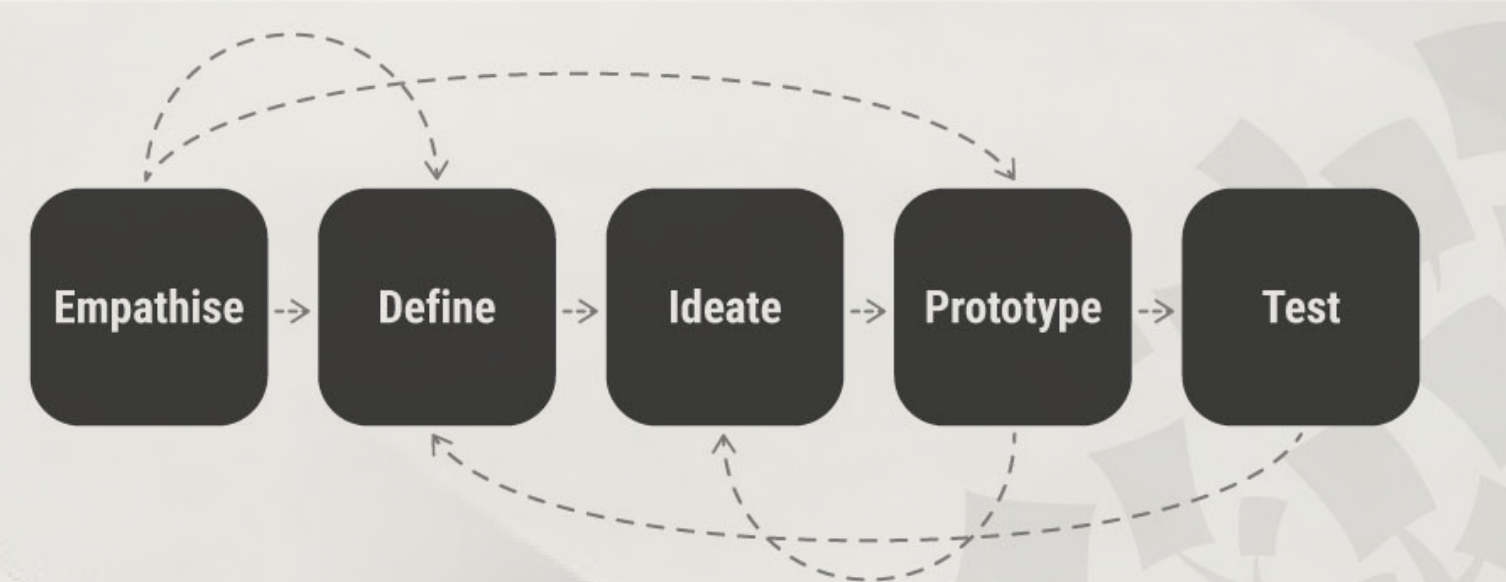
THE

# DESIGN EXPERIMENT

IN PLACE FUNITURE DESIGN  
FOR SITE RESEARCH  
ANALYSIS



AND ALSO EXPERIENCE DESIGN THINKING PROCESS OF STANFORD



## EMPATHISE

*The open space for gethering, how can we develop this area by site element and digital fabrication??*

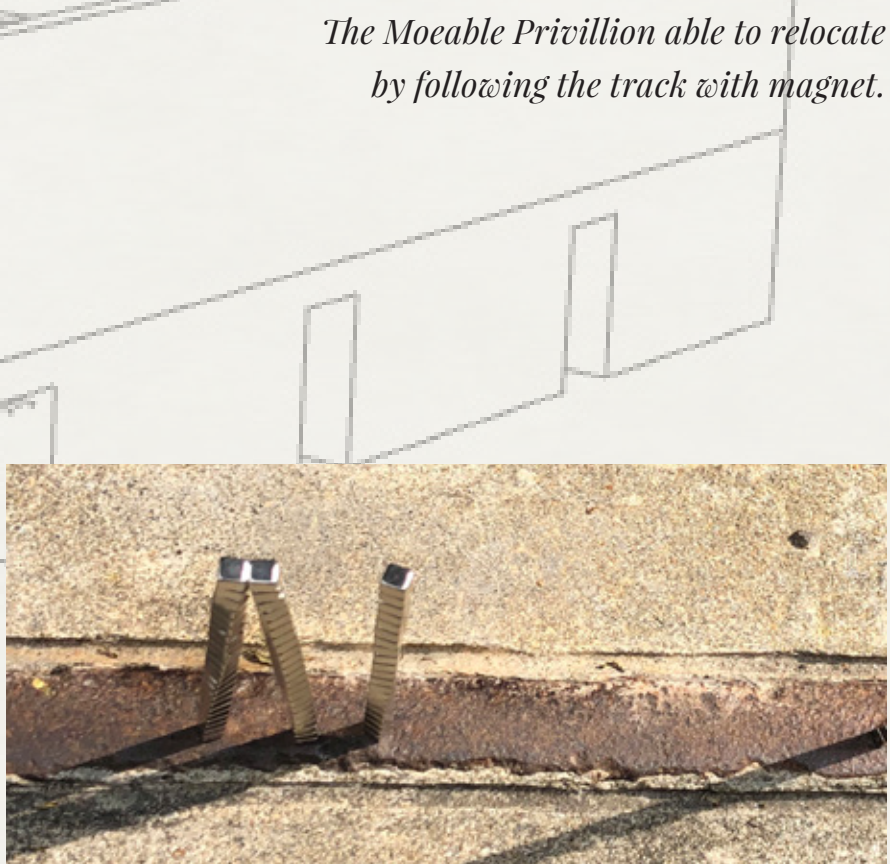
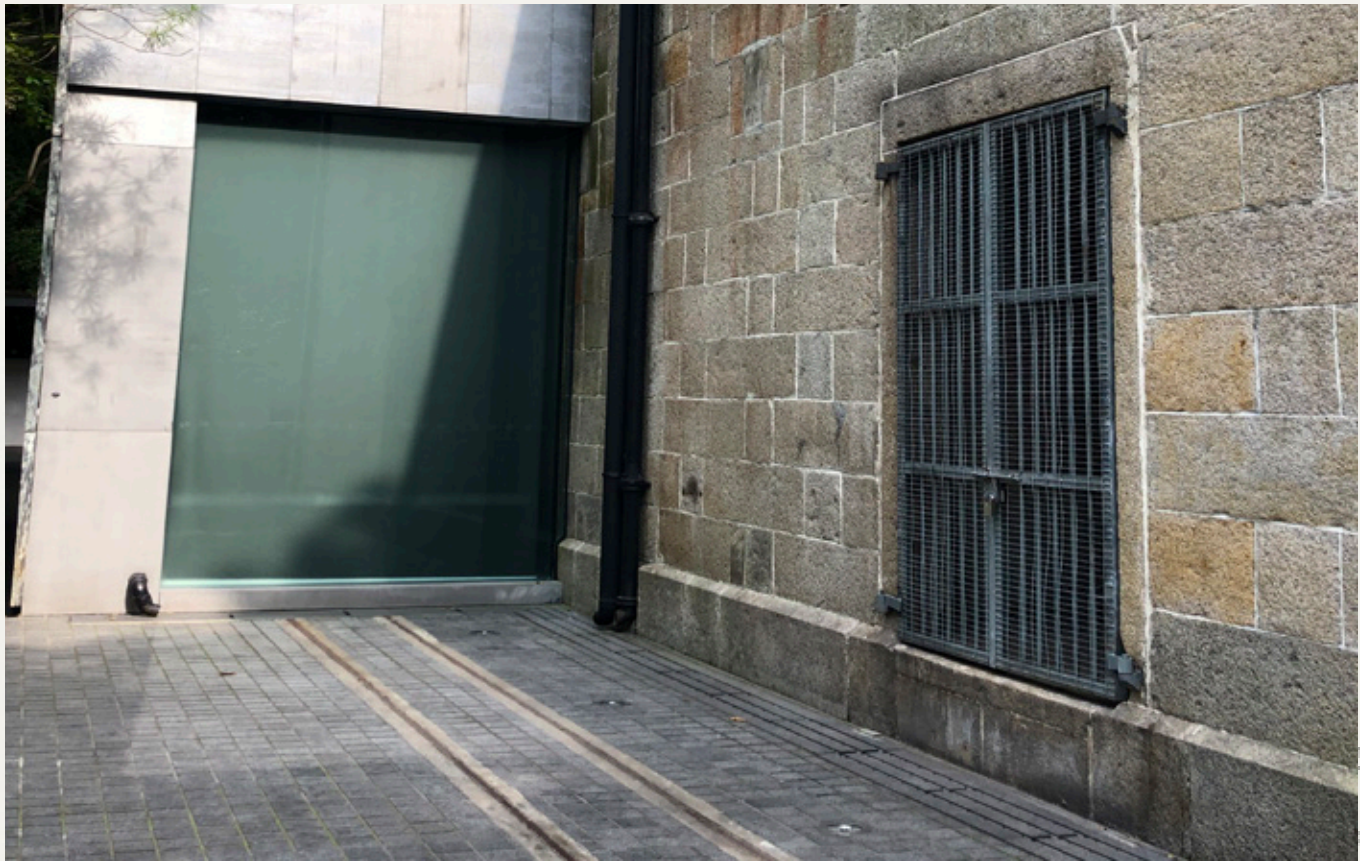
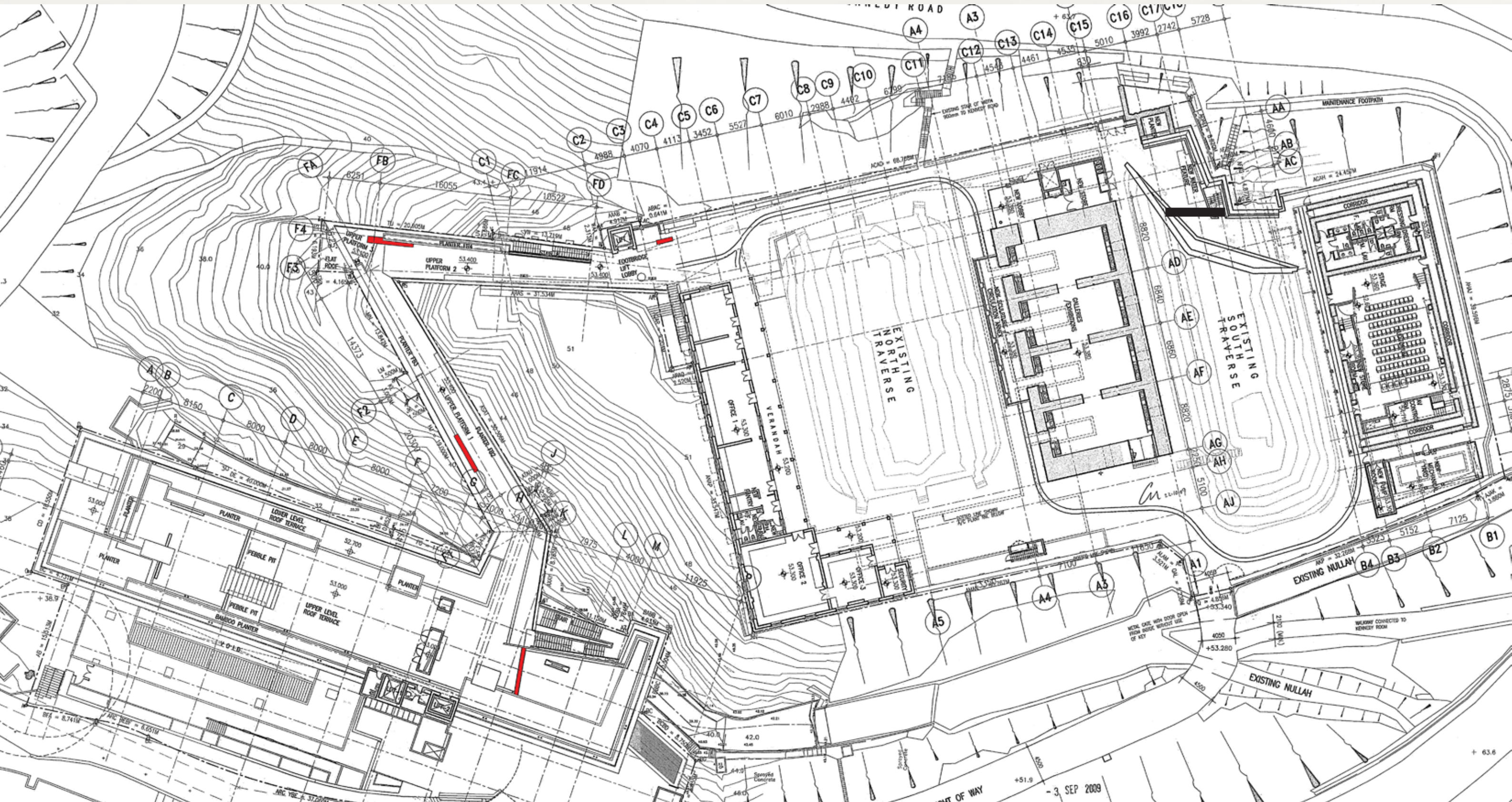
There are some cocktail party or gathering event at Asia Society, such as the Year End Celebration. the open space area will be used as the venue for these events, there will be tables and seats placed on the open-space. In our views, that is not an efficient arrangement for staff and visitors, the equipment such as draft beer machines, table and seats are too heavy to move. Therefore, we start to design a new gathering way by the site elements and digital fabrication.

In one hand, we are looking for a movable table and seat for easy arrangement, in the other hand, we are studying about the sun, in the summer time, the sun will be directly overhead from the sky to the open space, people might feel hot and be exposed to the sun, so we have to create a cover to defend the burn.

*"Keep your face to the sun and you  
will never see the shadows."  
Helen Keller.*



SEATING AREA IN AISA SOCIETY  
*Moveable, Transformable, Functionable*



*The Movable Privillion able to relocate by following the track with magnet.*



# DEFINE

## FUNCTION

*Moveable, Transformable, Functionable*

Our design project is a moveable cocktail bar table. In first, this train is able to transform for easier storage at the Storage area A or B(subject to weather), such like carts in the supermarket, Tri-wall is the best material for creating a sturdy hollow form. secondly, we are trying to use the signature site element for our design, the Munitions Track is the signature element on the ground, however, the developer made the track unusable, for re-use this element, we are decide to use magnet. the magnet wheels are able to direct the train to the right way with the track, this is efficent for staff to move the trains to the open space or storage area. Third, we are creating a sun shade canopy to defense to direct sun-light.The ammunition train able to provide a new functional



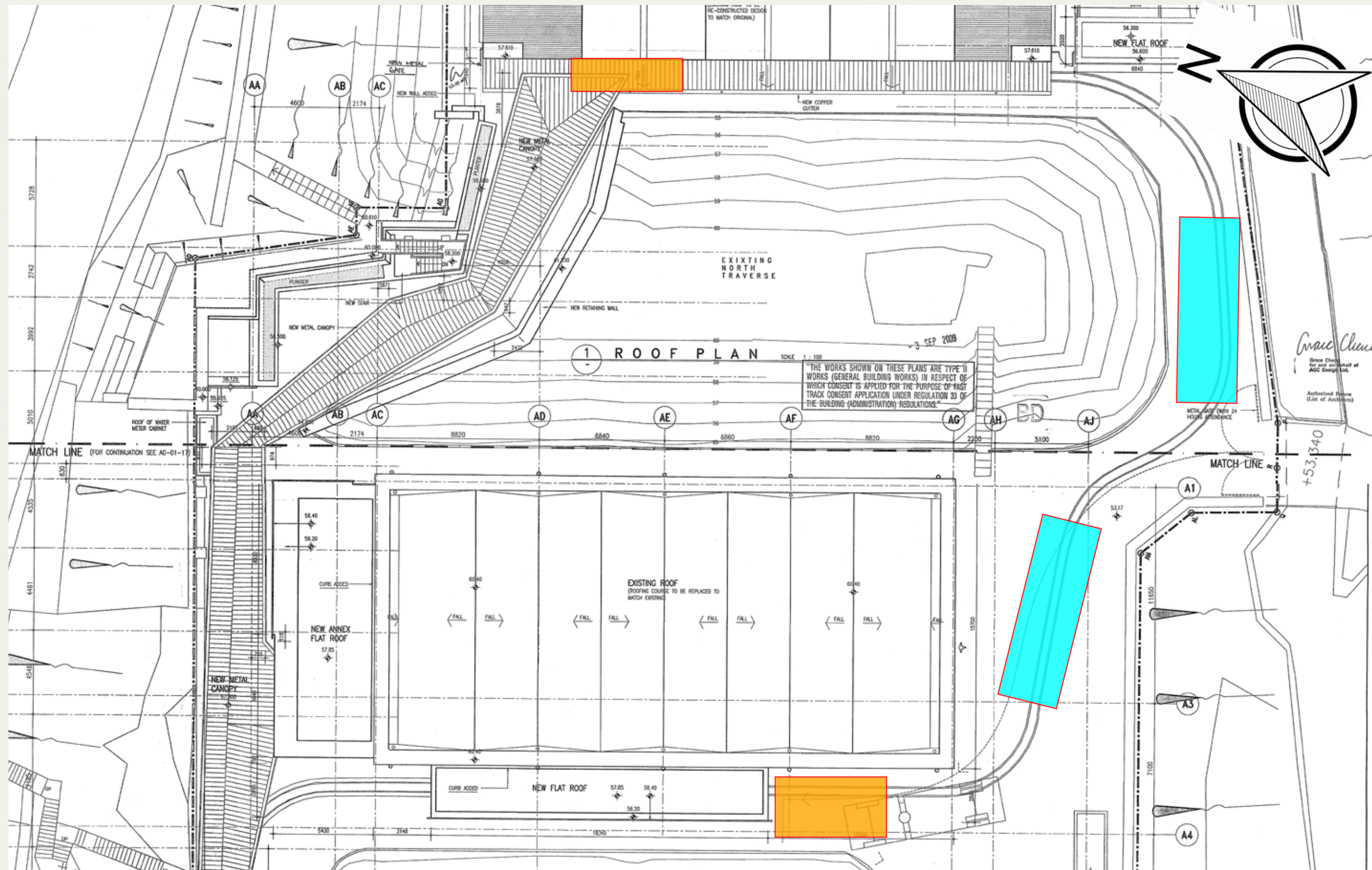
## FOR CHILDREN

*Moveable, Transformable, Functionable*

Our design project is a moveable cocktail bar table. In first, this train is able to transform for easier storage at the Storage area A or B(subject to weather), such like carts in the supermarket, Tri-wall is the best material for creating a sturdy hollow form. secondly, we are trying to use the signature site element for our design, the Munitions Track is the signature element on the ground, however, the developer made the track unusable, for re-use this element, we are decide to use magnet. the magnet wheels are able to direct the train to the right way with the track, this is efficent for staff to move the trains to the open space or storage area. Third, we are creating a sun shade canopy to defense to direct sun-light.The ammunition train able to provide a new functional



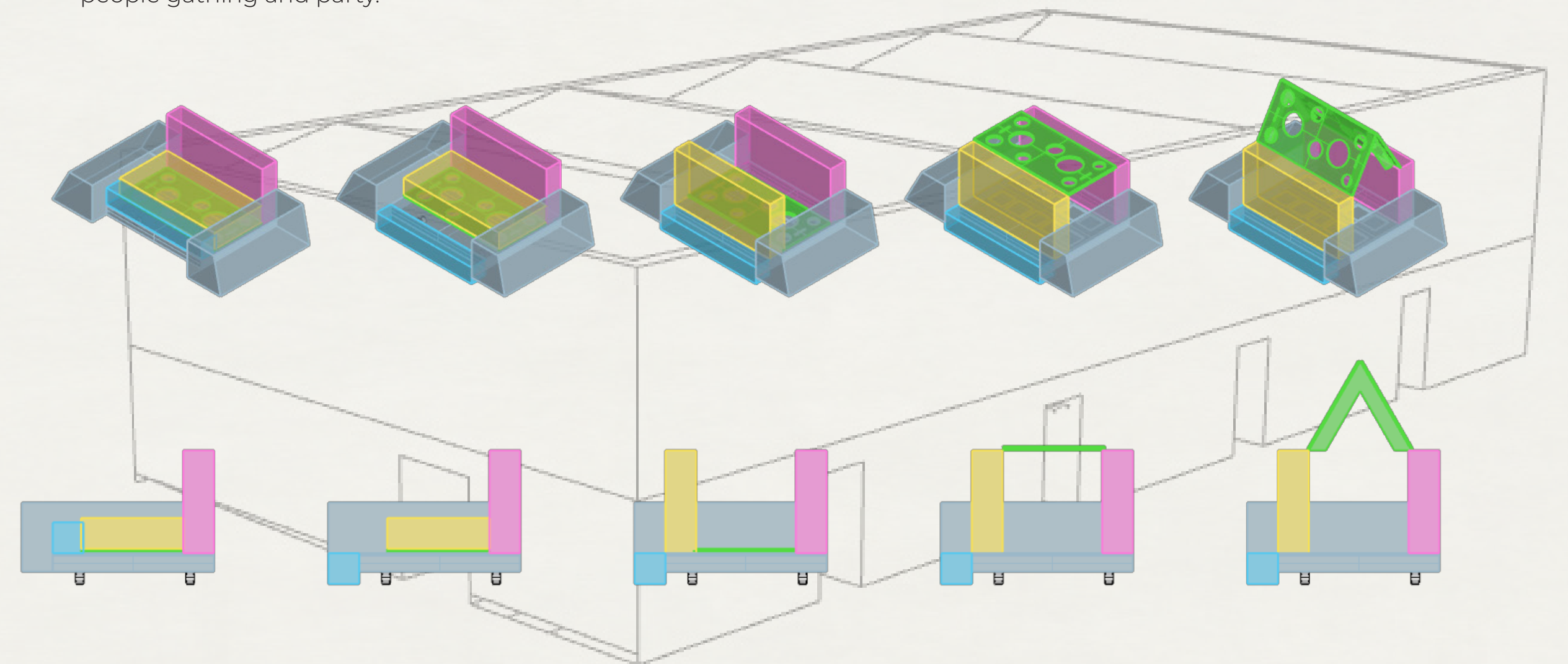




## TRANSFORMERABLE

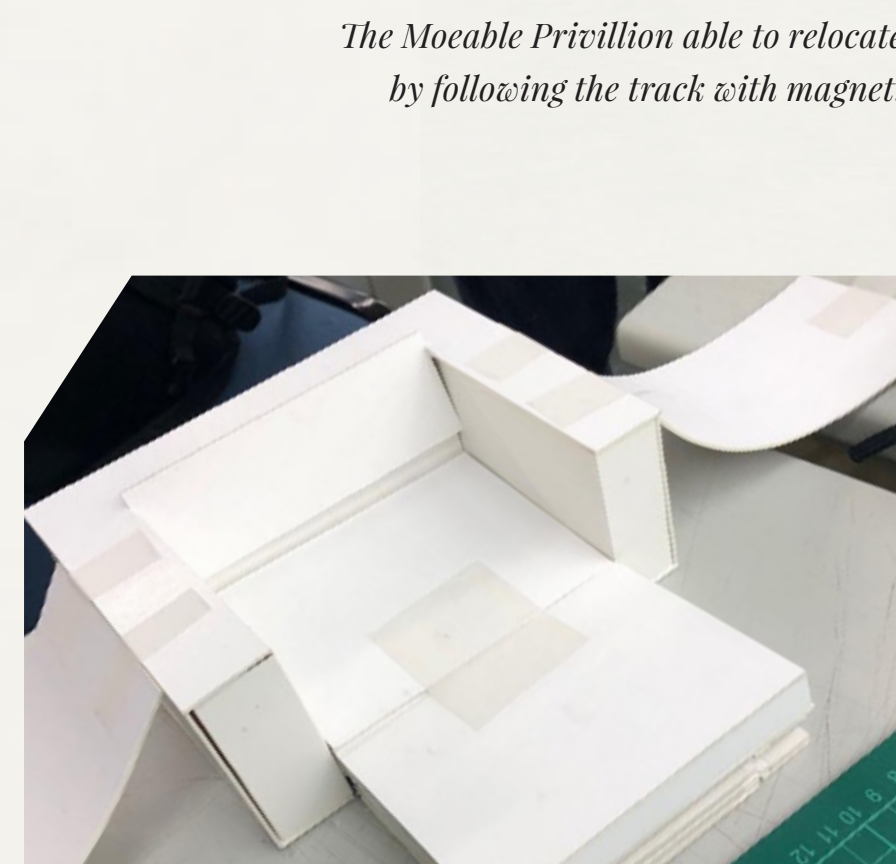
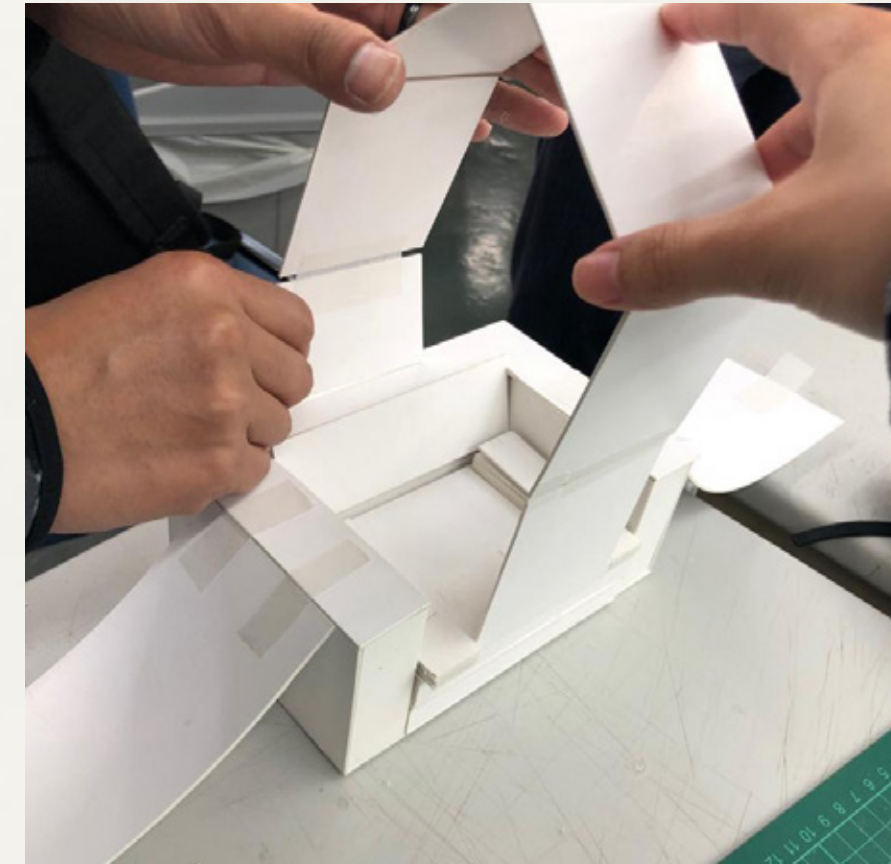
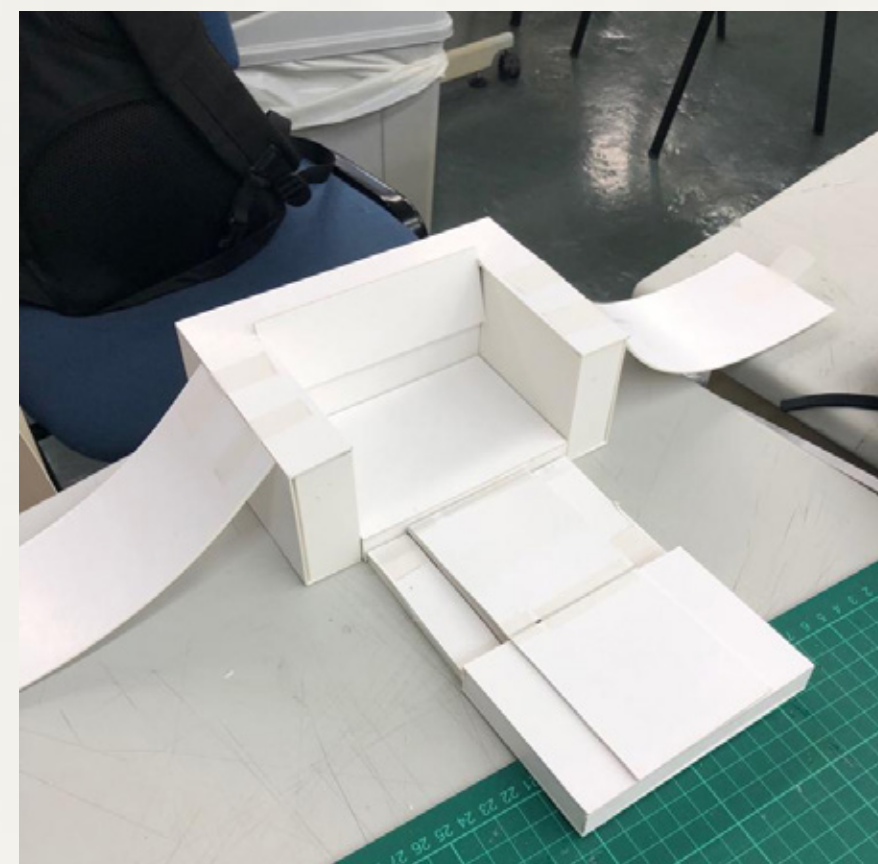
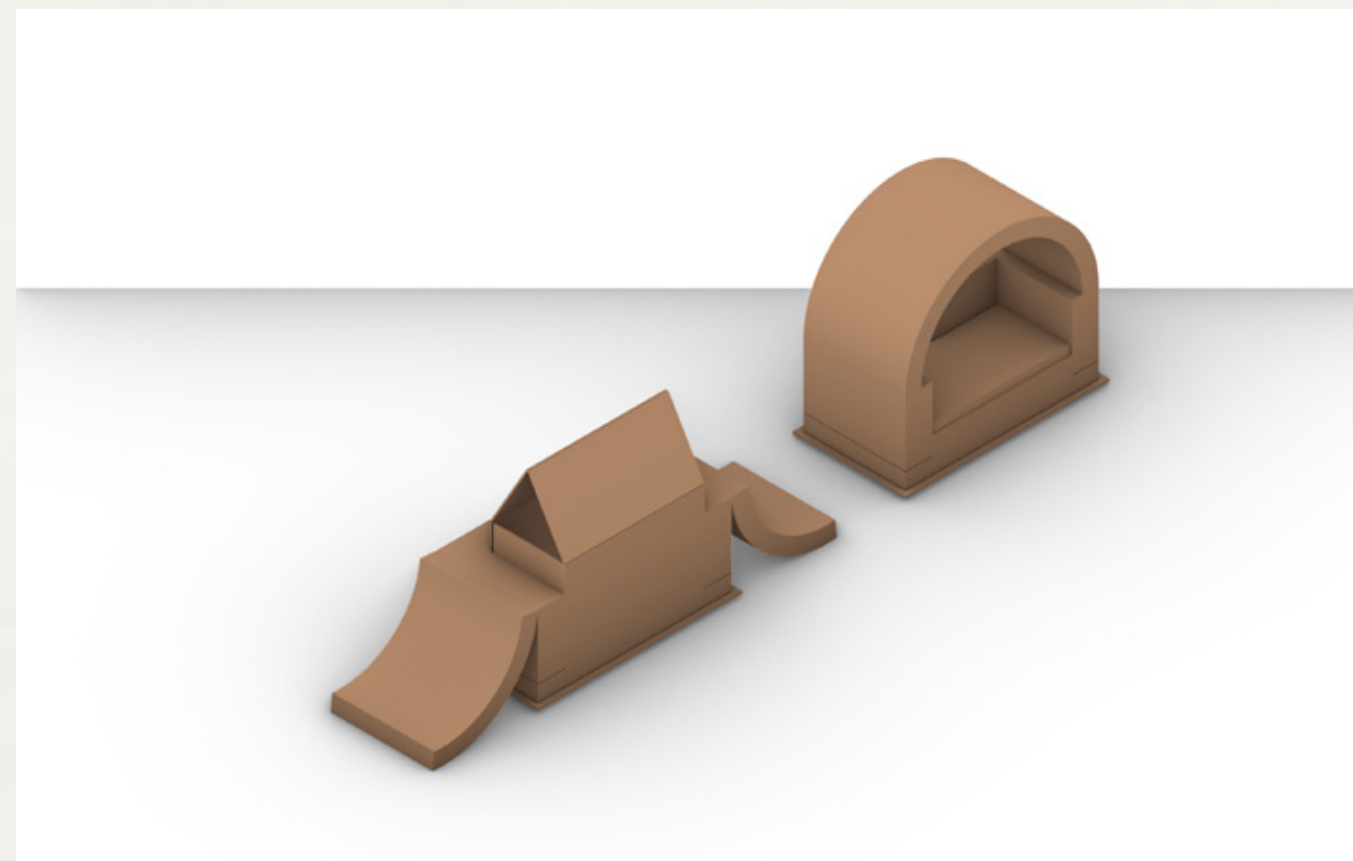
*Moveable, Transformable, Functionable*

Our design project is a moveable cocktail bar table. In first, this train is able to transform for easier storage at the Storage area A or B(subject to weather), such like carts in the supermarket, Tri-wall is the best material for creating a sturdy hollow form. secondly, we are trying to use the signature site element for our design, the Munitions Track is the signature element on the ground, however, the developer made the track unusable, for re-use this element, we are decide to use magnet. the magnet wheels are able to direct the train to the right way with the track, this is efficient for staff to move the trains to the open space or storage area. Third, we are creating a sun shade canopy to defense to direct sun-light.The ammunition train able to provide a new functional cocktail bar area for people gathing and party.





# PROTOTYPE

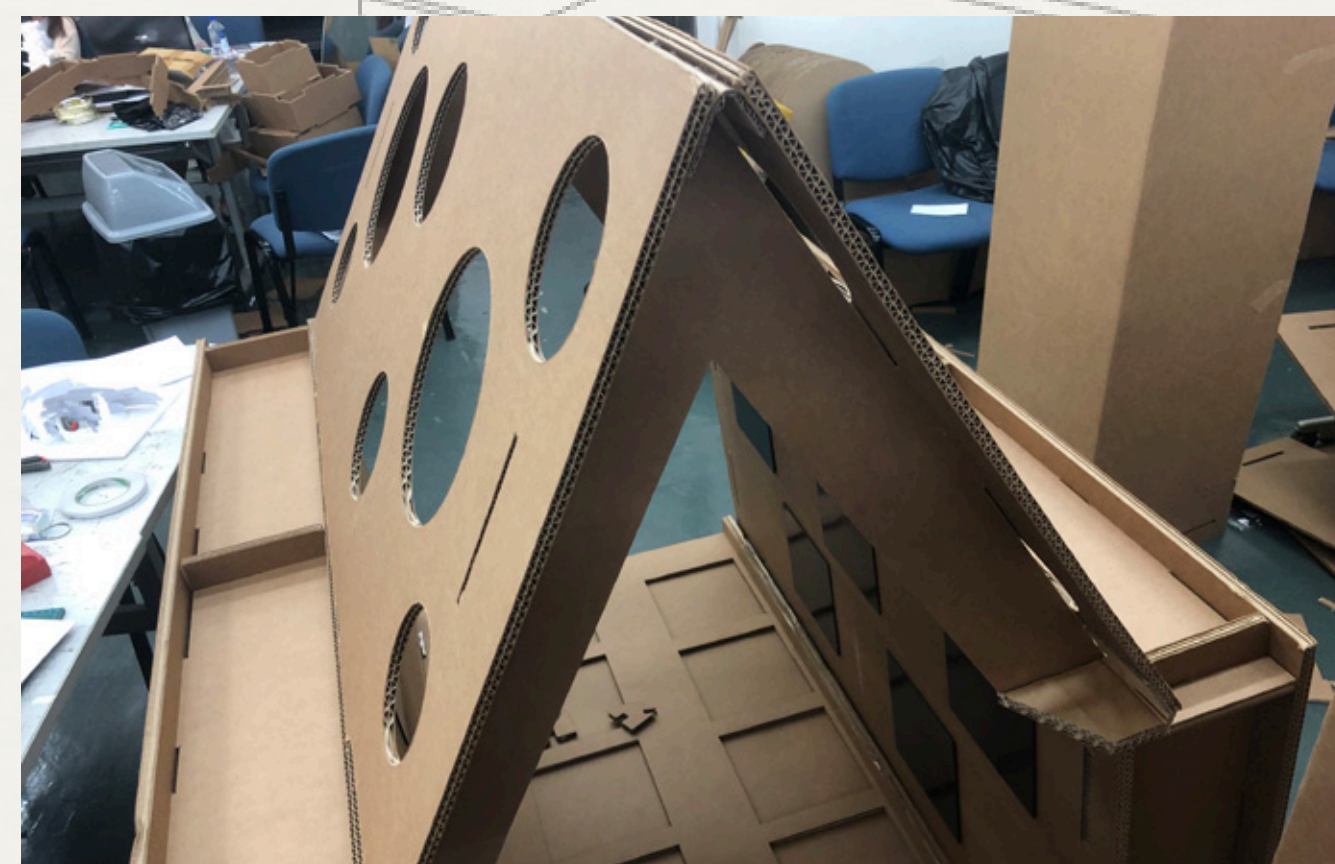


*The Moeable Privillion able to relocate by following the track with magnet.*

## PROTABLE SEATING

*Moveable, Transformable, Functionable*

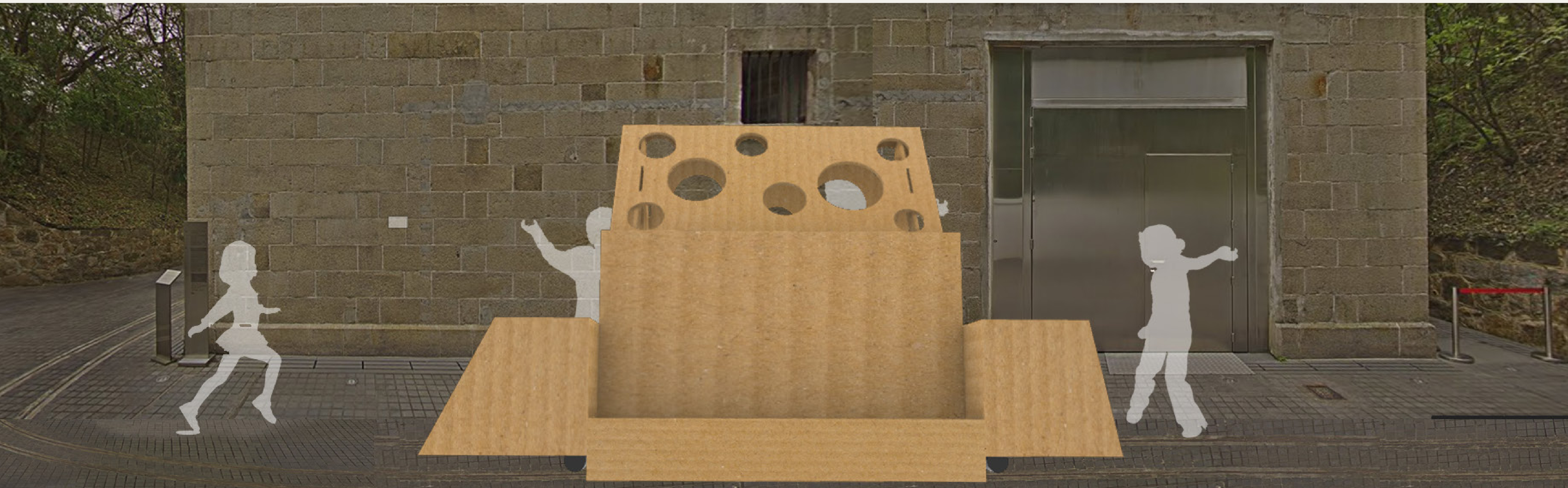
Our design project is a moveable cocktail bar table. In first, this train is able to transform for easier storage at the Storage area A or B(subject to weather), such like carts in the supermarket, Tri-wall is the best material for creating a sturdy hollow form. secondly, we are trying to use the signature site element for our design, the Munitions Track is the signature element on the ground, however, the developer made the track unusable, for re-use this element, we are decide to use magnet. the magnet wheels are able to direct the train to the right way with the track, this is efficent for staff to move the trains to the open space or storage area. Third, we are creating a sun shade canopy to defense to direct sun-light. The ammuniton train able to provide a new functional



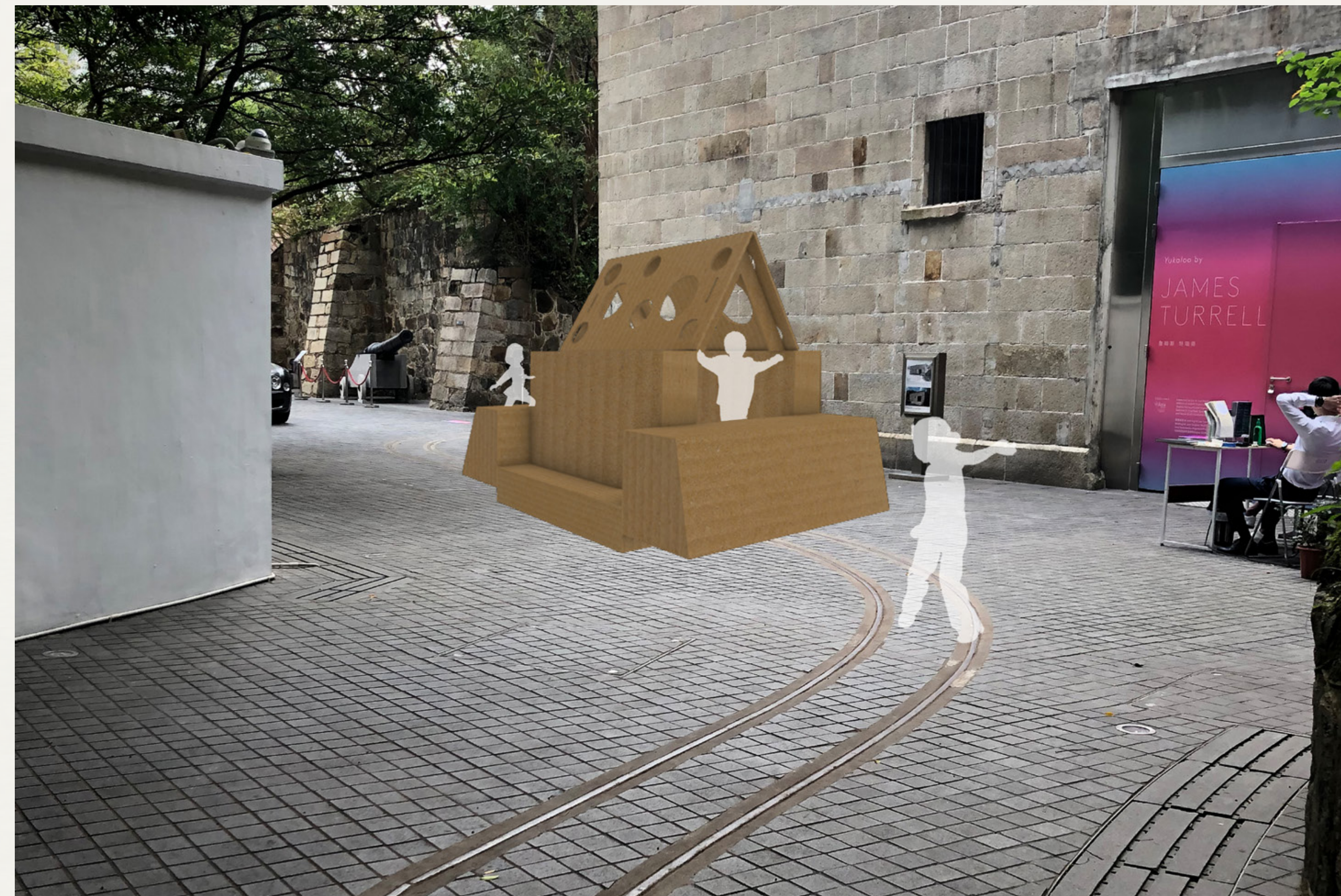
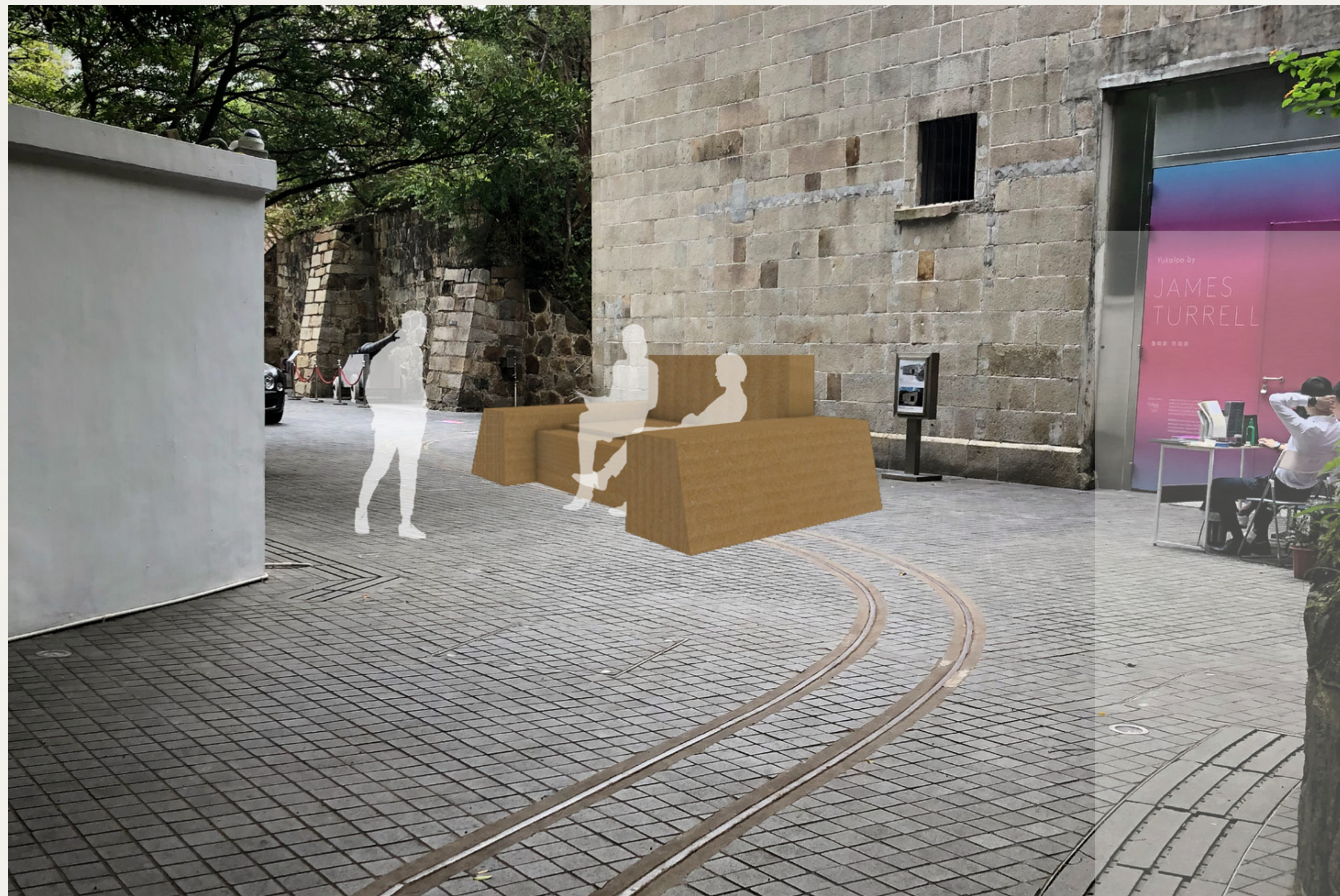














# TEST



**The enjoyable value**  
 After the presentation, we noticed that all of the users had enjoyed the furniture, they have so much fun with this project, Sir Wong, the management officer of Asia Society, who tried and felt satiable and comfortable of tri-wall furniture, Vicky, the Community Outreach Manager, who have so much fun by the moveable furniture, she told that her son would love this project and looking forward to seeing us again in July or August.



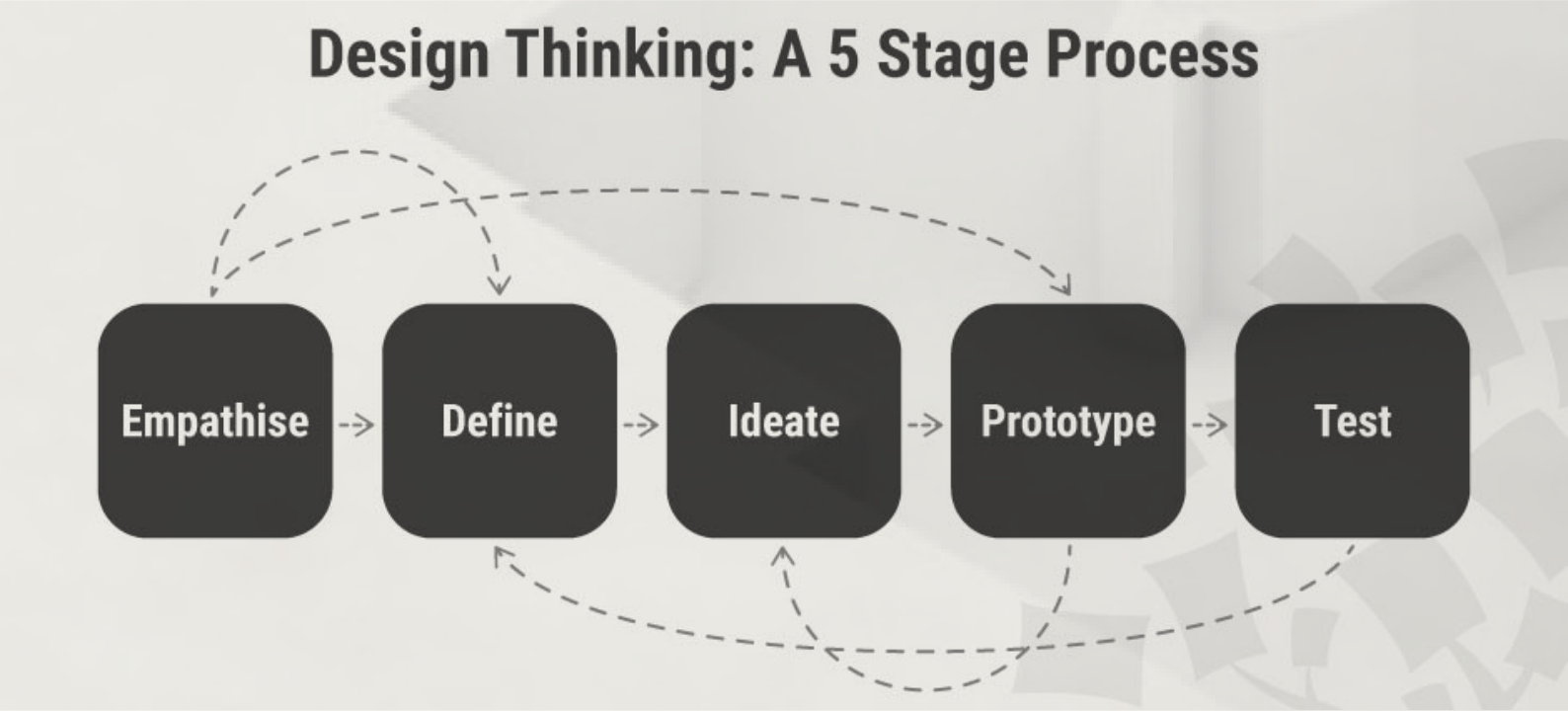
**Moveable value**  
 magnet wheel  
 Our designed magnet wheel gained great success. We used small magnet and magnet sticker to ensure our sitting bench will work with the rail at the Asian society. The sitting bench is stable and able to move along the track. Our Magnet wheel is made with small pieces of magnet, so the installing procedure is relatively complicated and time-consuming.  
 Storage and maintenance  
 On how to storage and maintenance the sitting bench, the significant material was made by Tri-wall, so the places that storage our bench it must be a dry and ventilated place because moist it will lead to damage to the material it will cause a structural problem. And the moveable design was well fixed these problems. Sir wong suggested that it could be stored in a covered area when lousy weather because of the moveable design, moreover, it could be comfortable relocated to another place for storage by transportation.



**The transformable value**  
 The transformable design from sofa to the house made a big surprise for the guests, Ivy, the media reporter of Asia Society, was interested in the house from, she made so many photos with the house and went inside to tried the puzzles games.  
**Summary**  
 The project successfully made people enjoy and have fun, whatever the user or the designer, this project created a fantastic day for the people who interact with, and this is an excellent experience for designers to design for happiness.



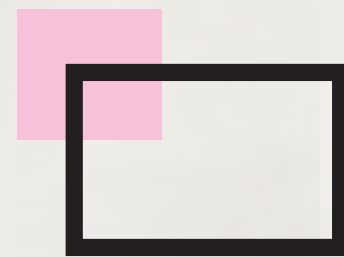




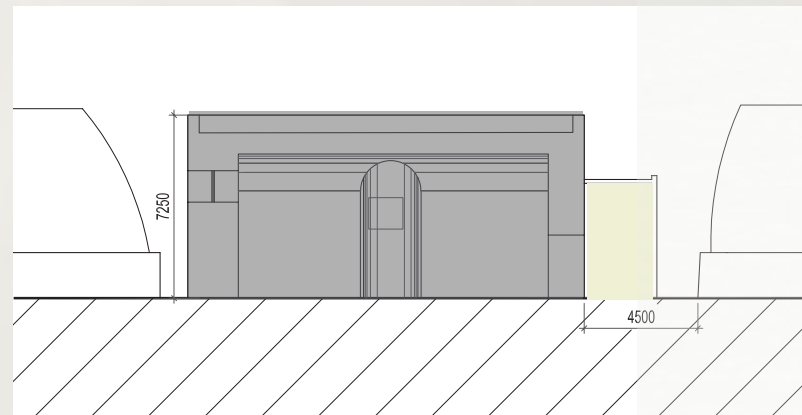
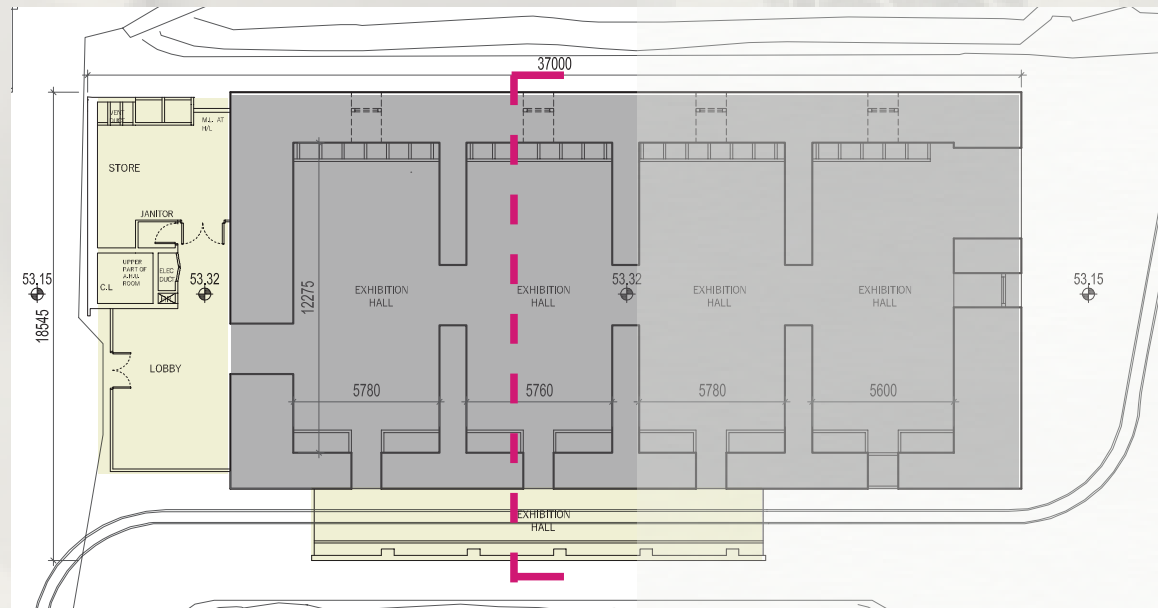
OUTSIDE THE BOX





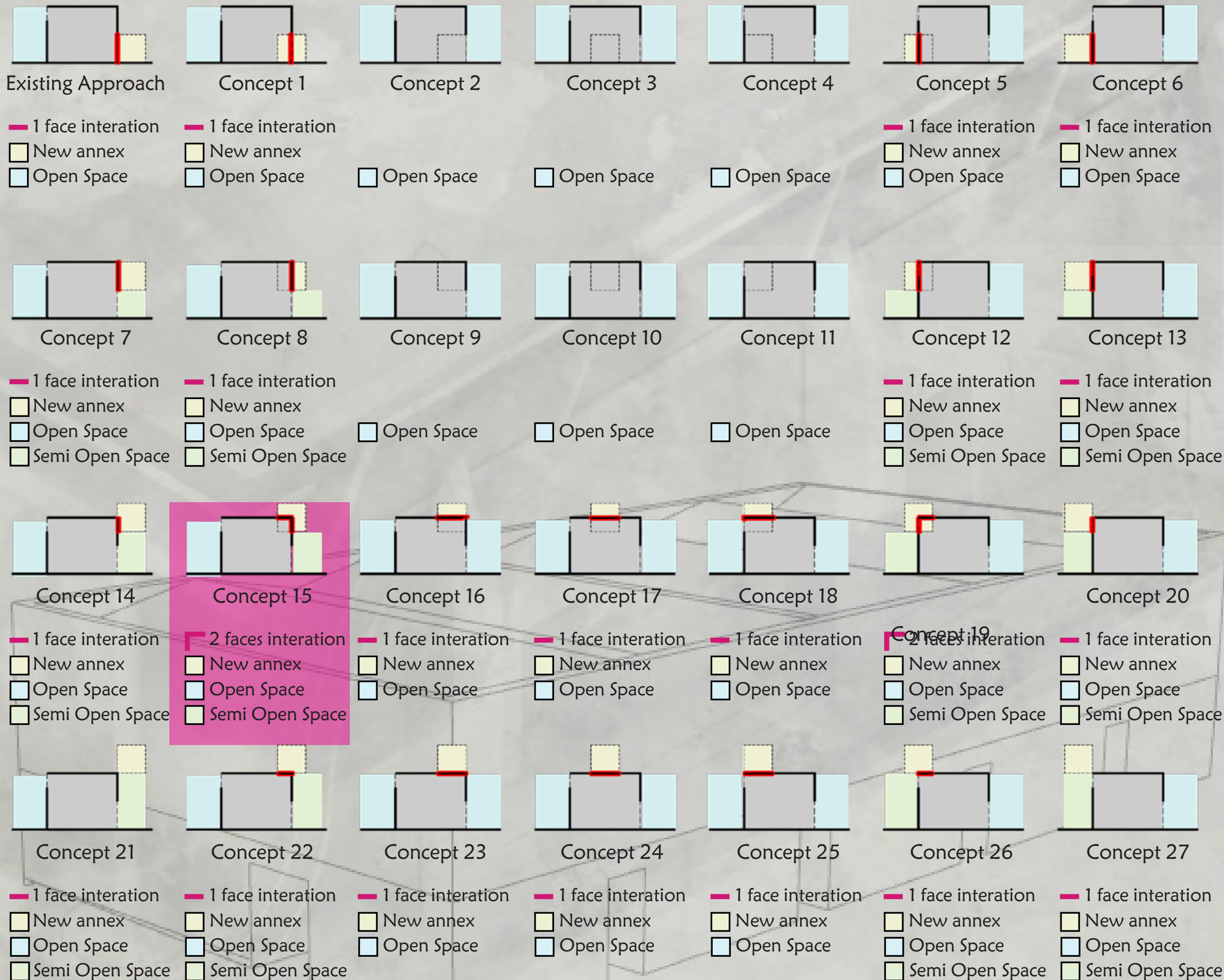


THE RELATIONSHIP OF OLD AND NEW

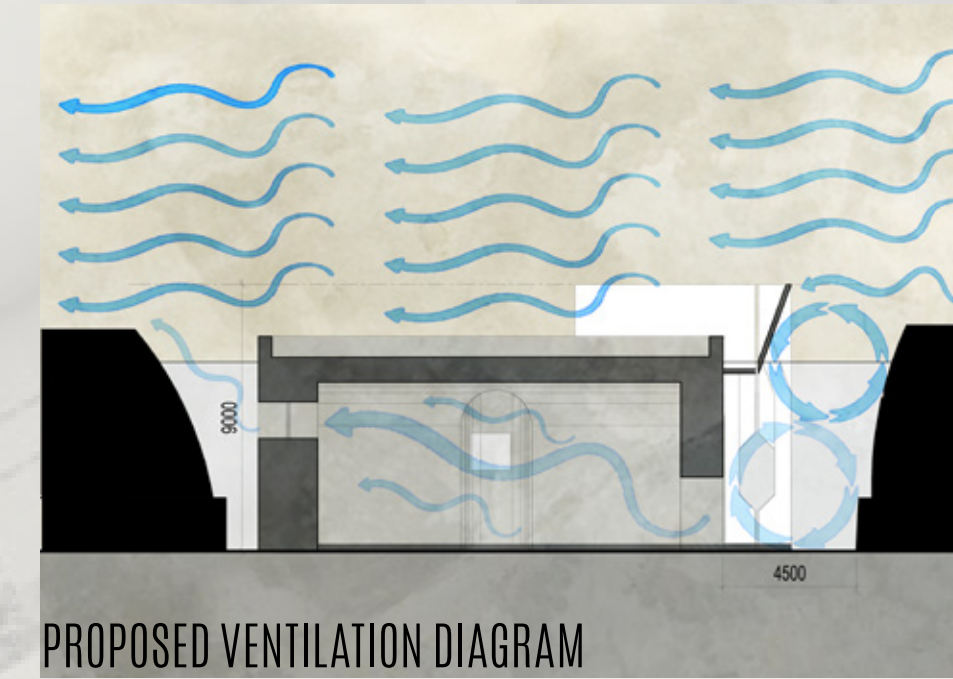
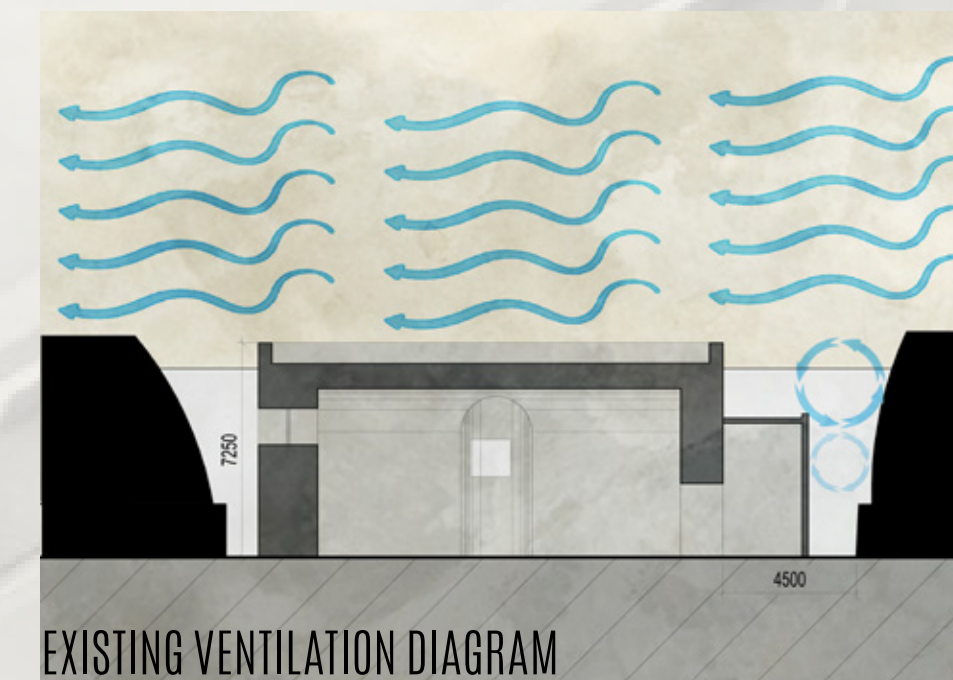
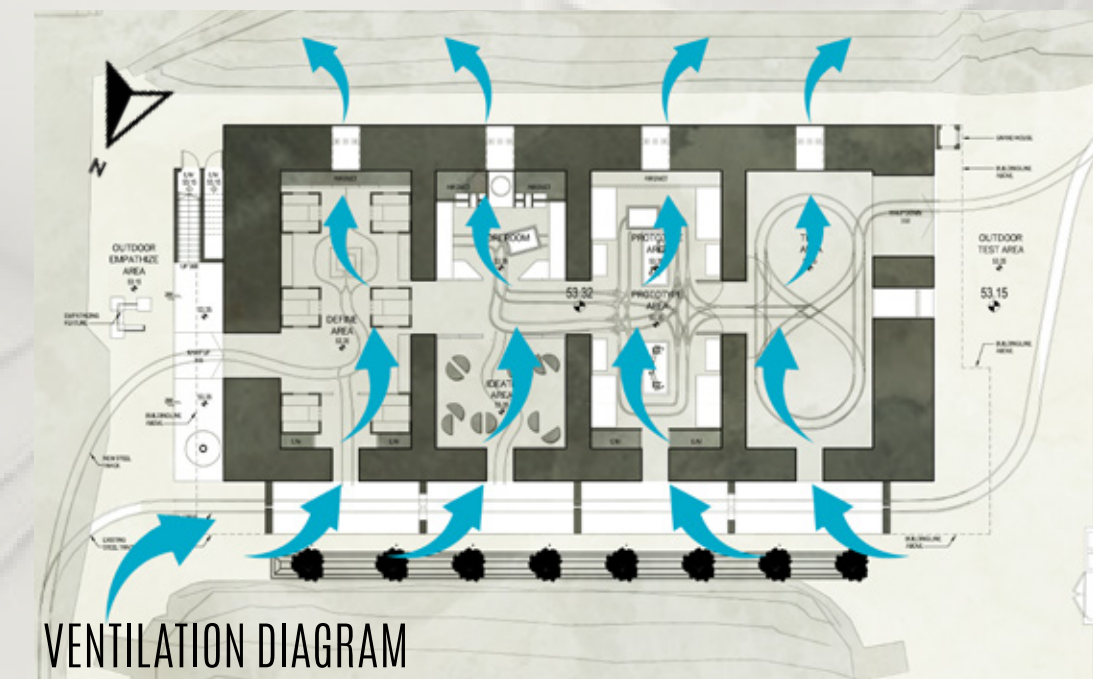
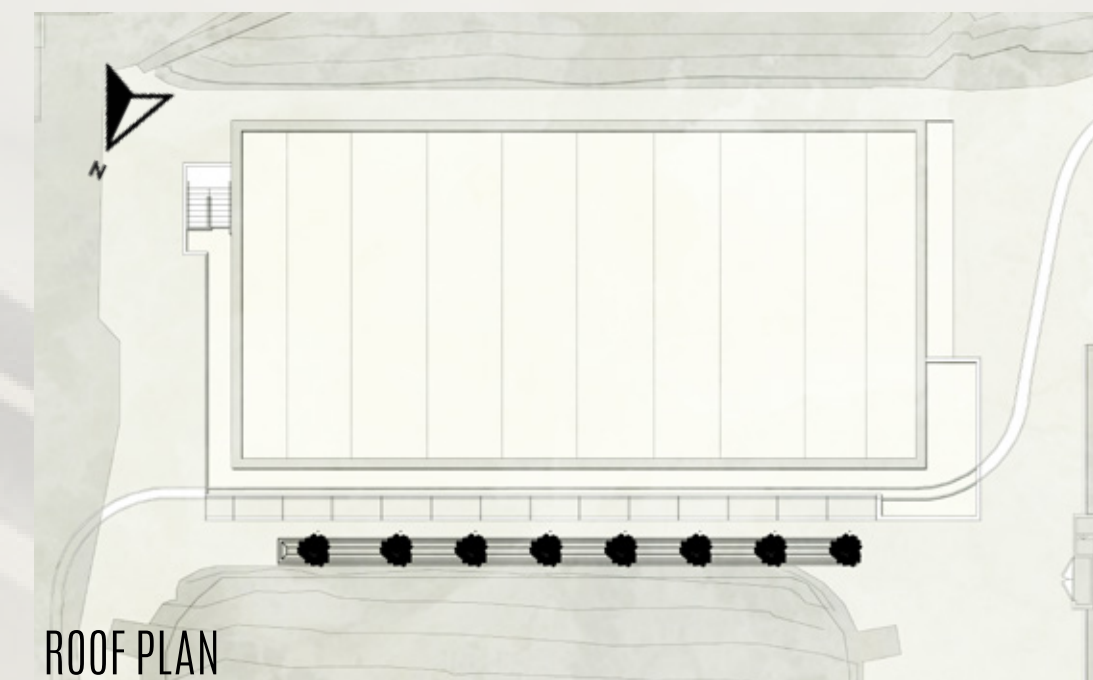
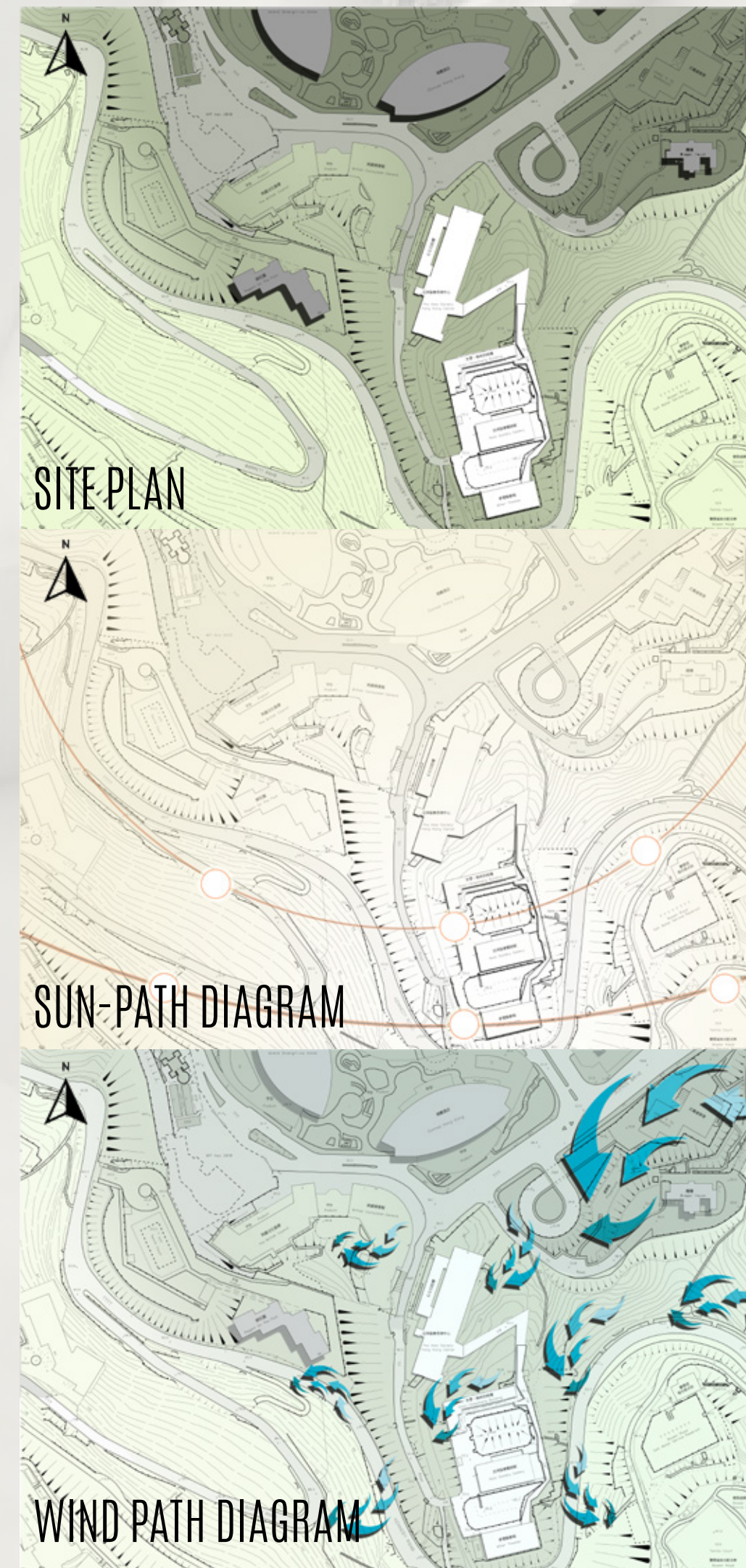
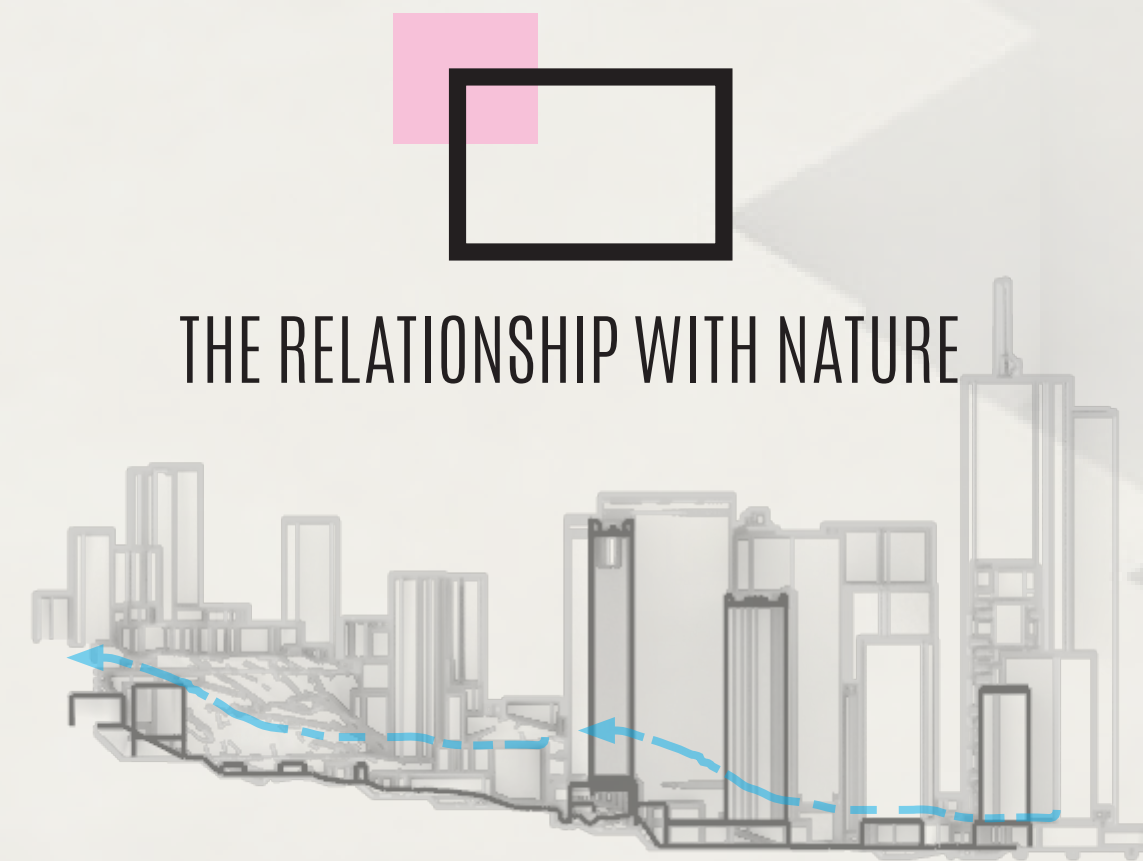


Existing Building  
New annex

THE BEST POSITION OF NEW EXTEND IMPROVE THE VALUE OF BUILT HERITAGE









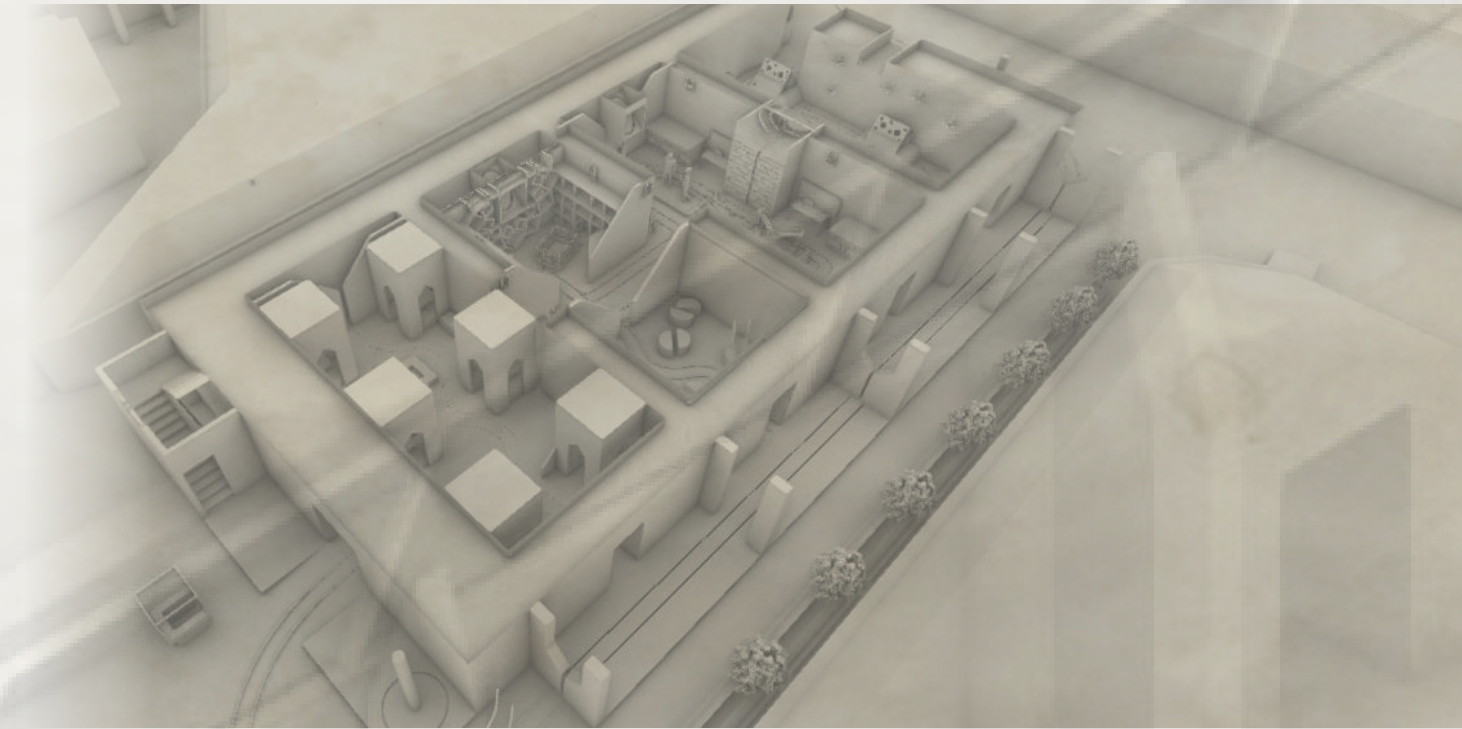
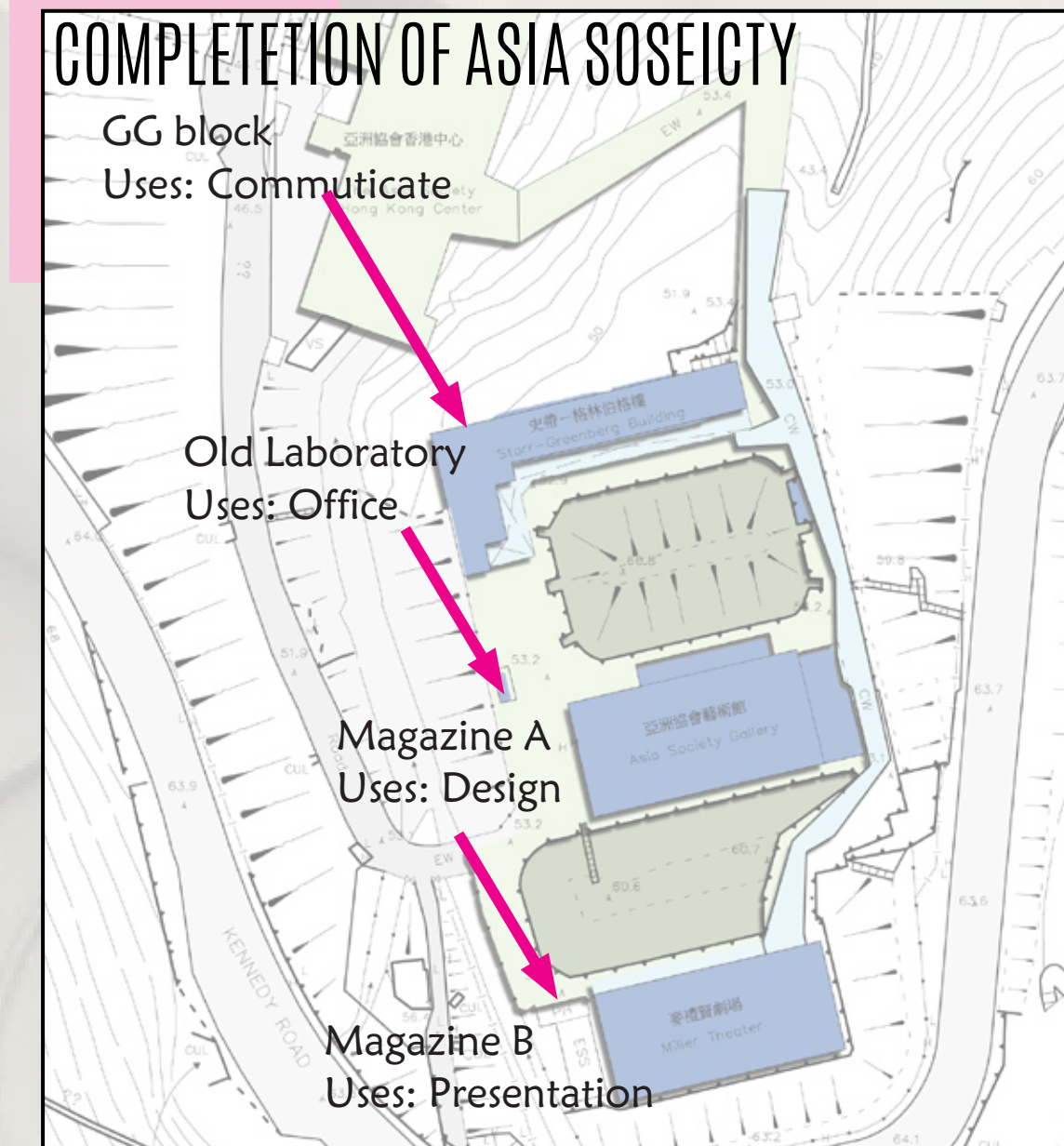


THE  
**THINK  
OUT OF  
THE BOX**  
DESIGN PROJECT AT ASIA SOCIETY





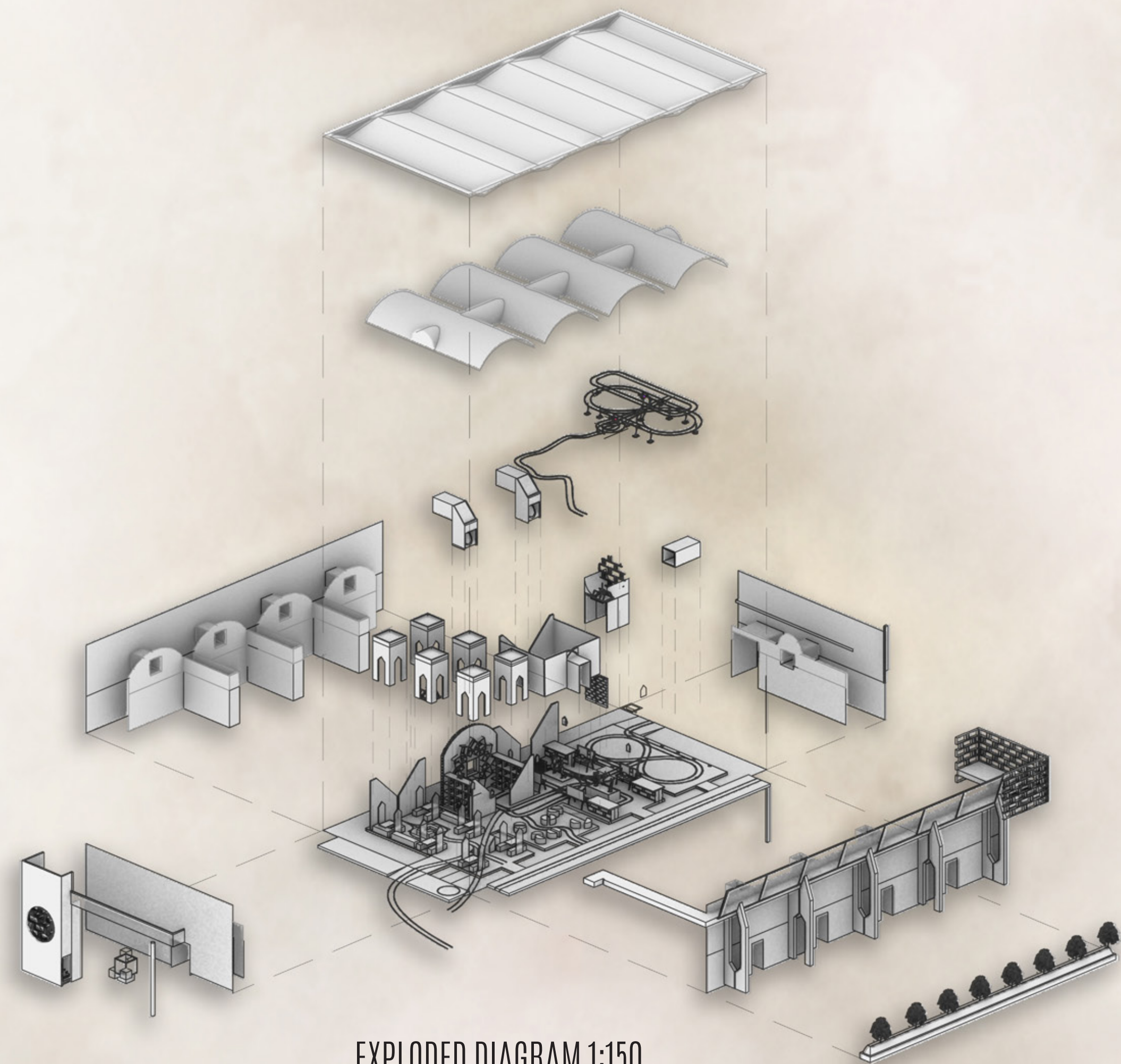
*Still*                      *Wall*                      *Observe*                      *Talk*



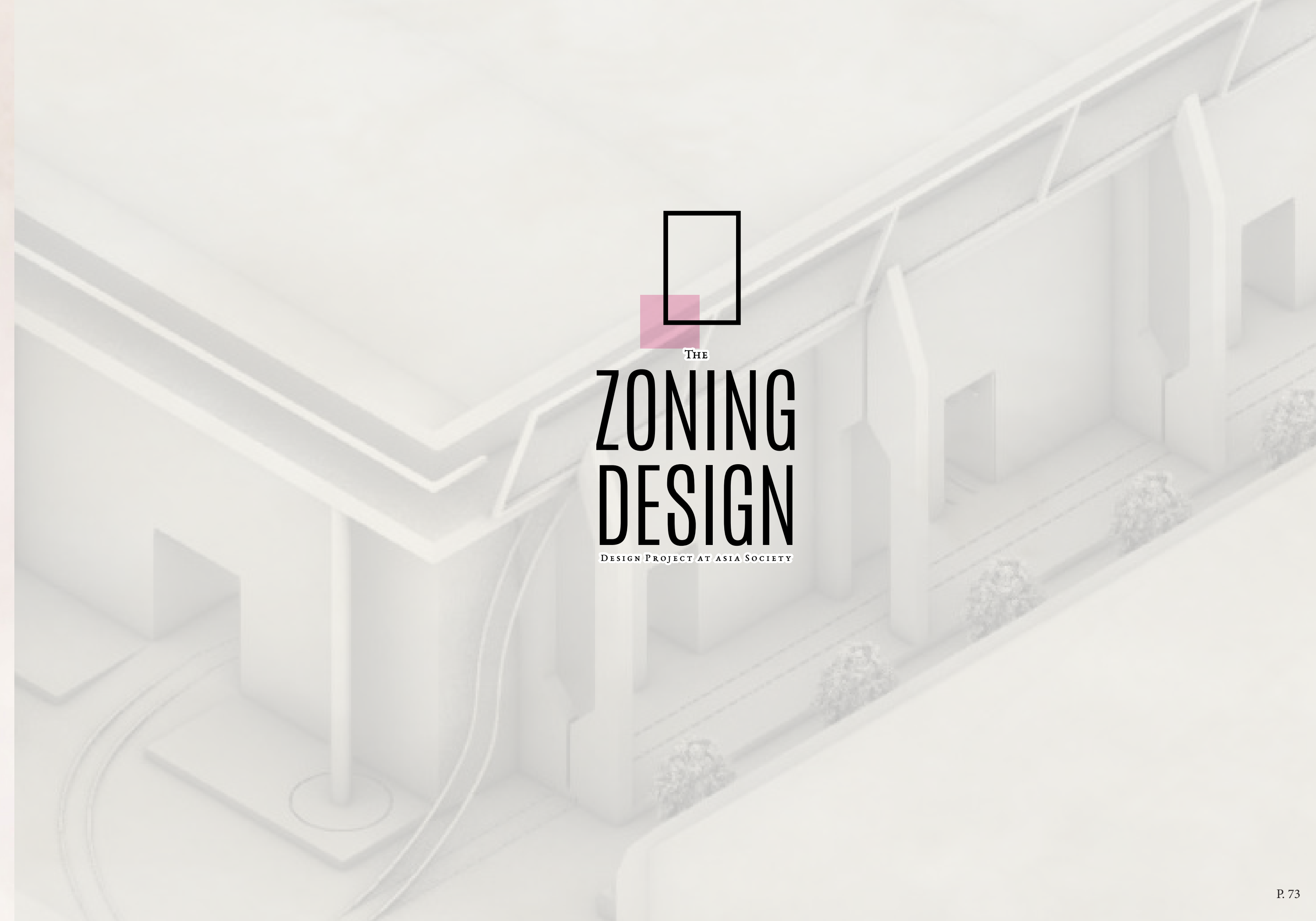






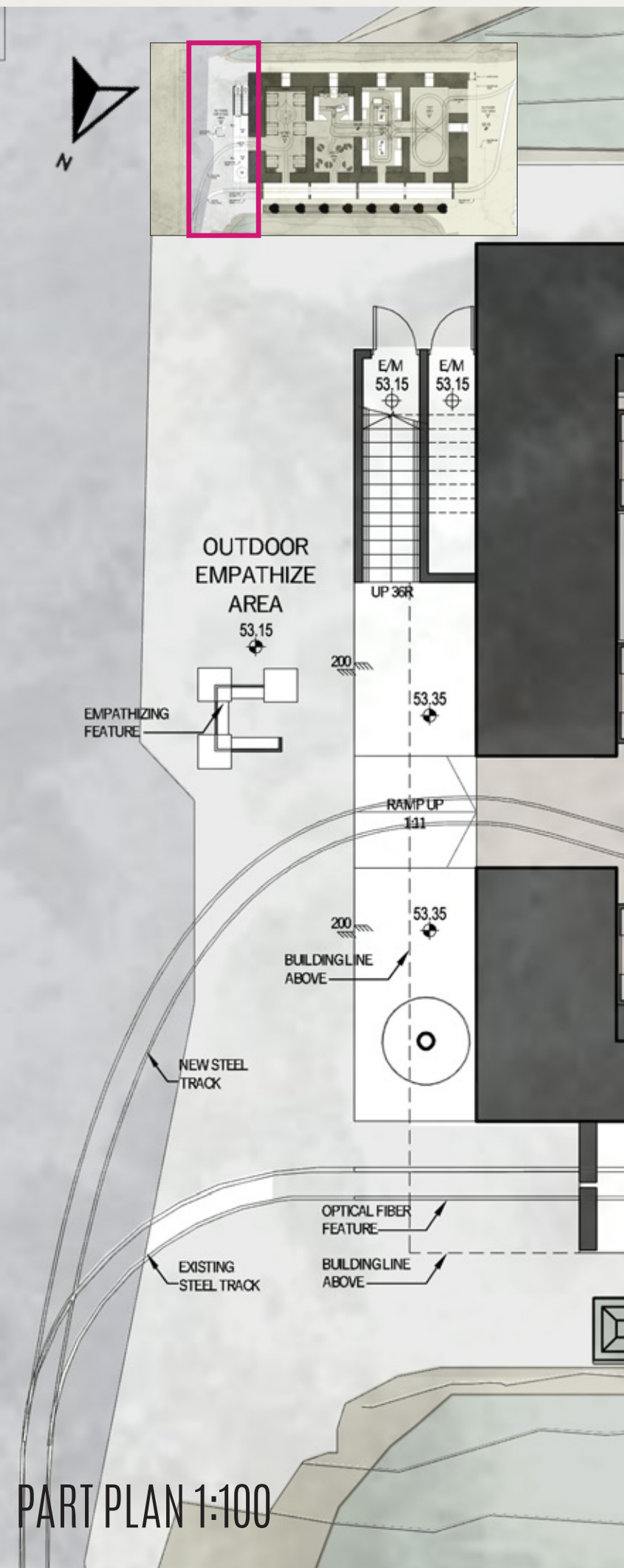


EXPLODED DIAGRAM 1:150



THE  
**ZONING  
DESIGN**  
DESIGN PROJECT AT ASIA SOCIETY

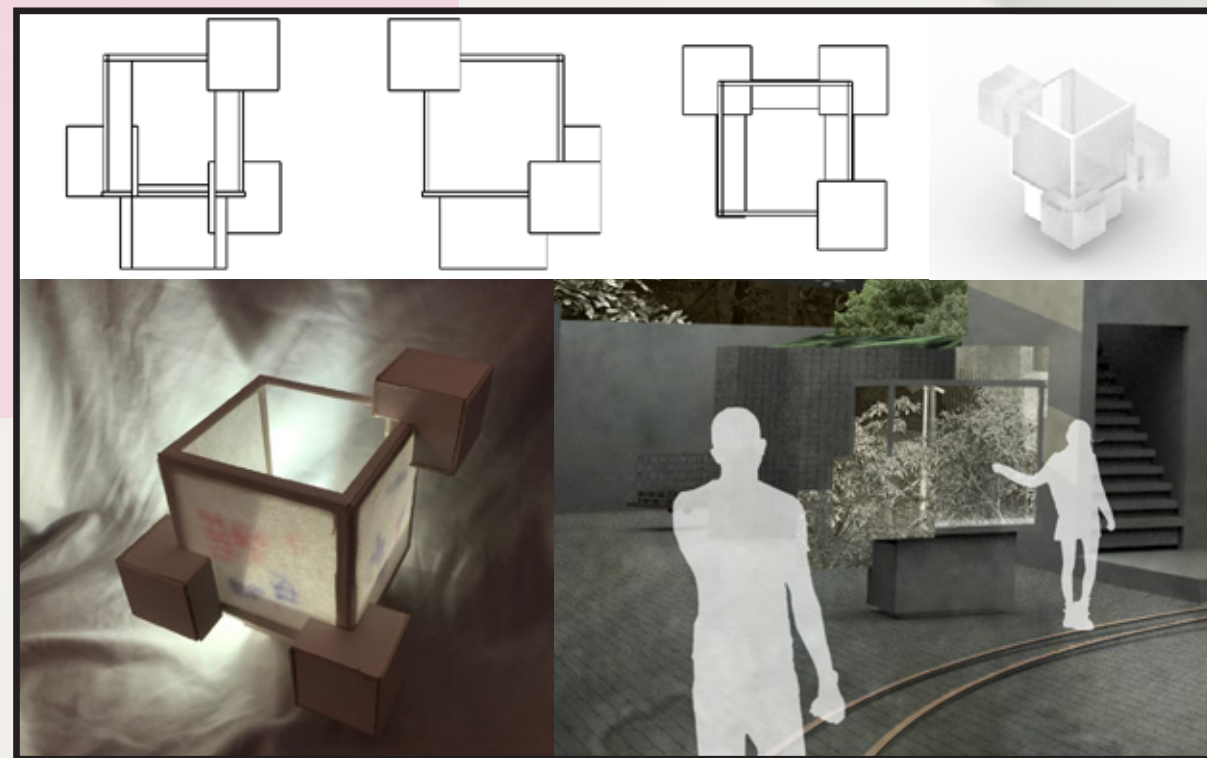




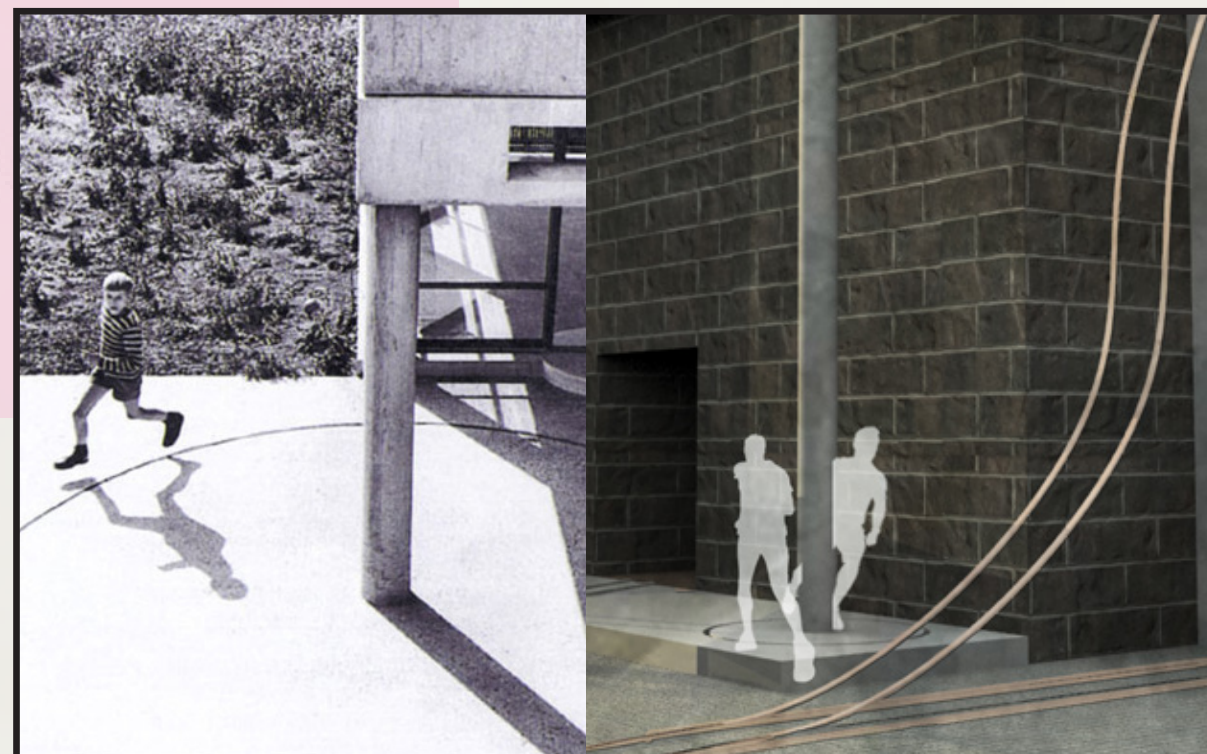


# □ EMPATHIZE AREA

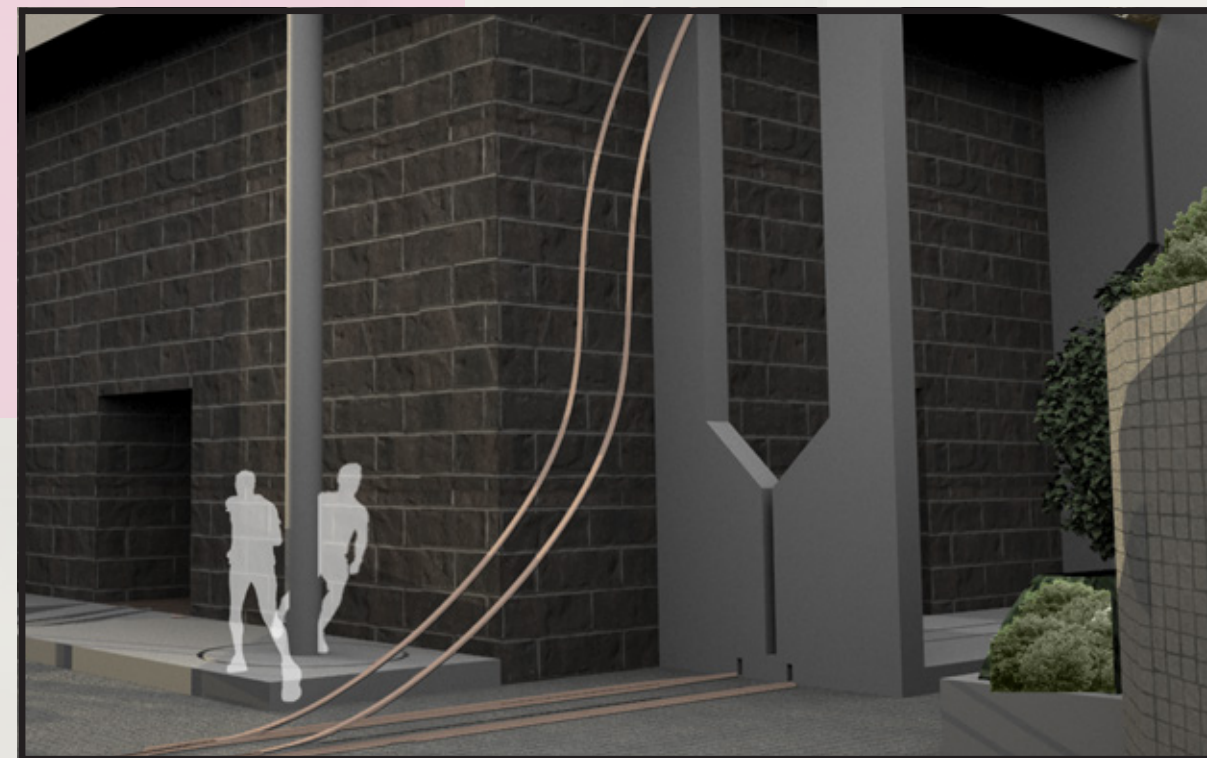
## EMPATHIZING FEATURE DESIGN



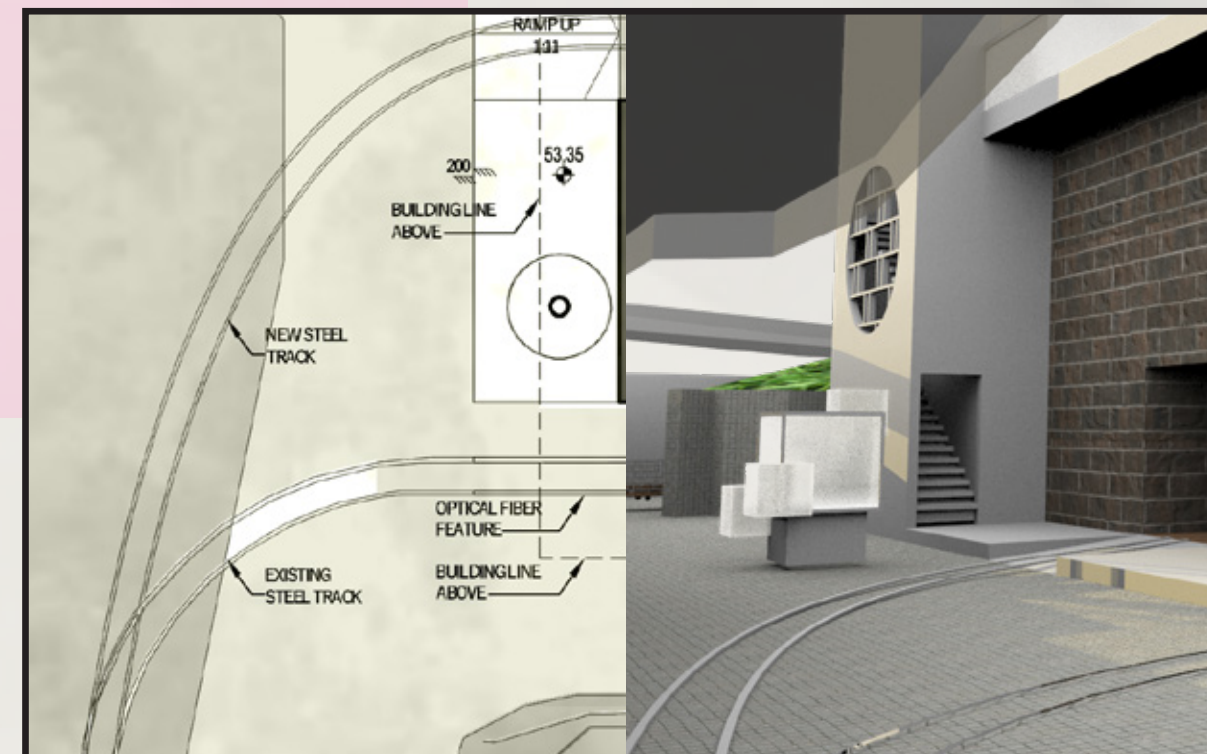
## THINKING COLUMN INSPIRED BY ALDO VAN EYCK



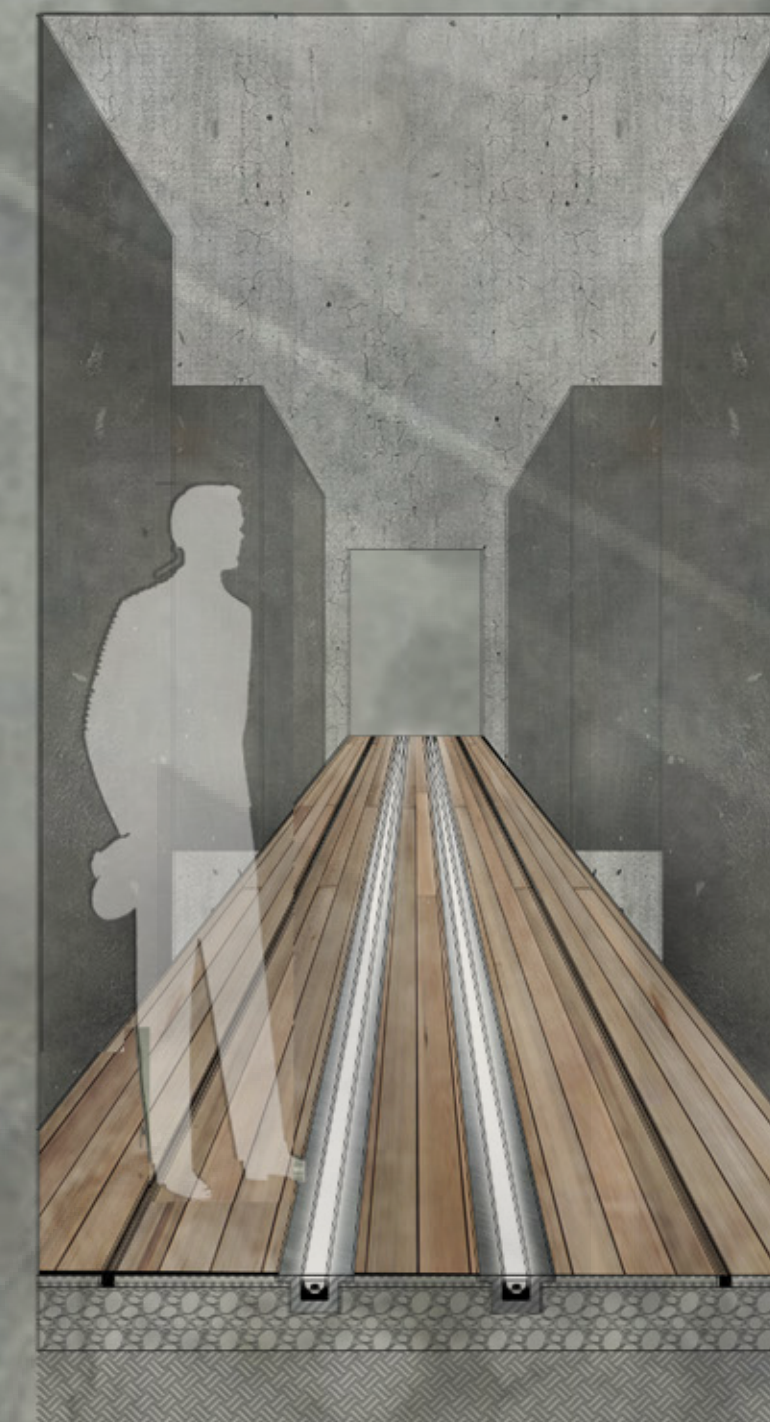
## EXTEND TRACKS FEATURE



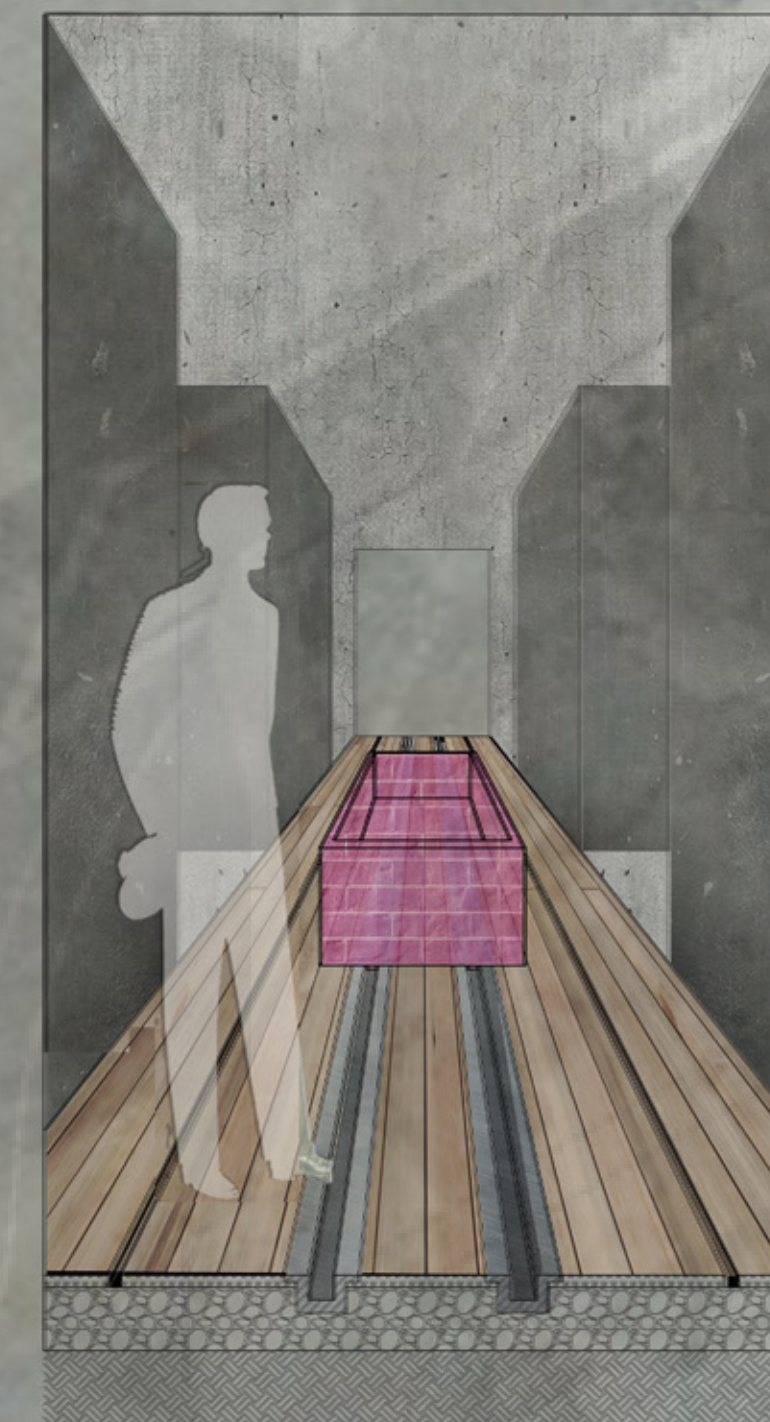
## NEW STEEL TRACK



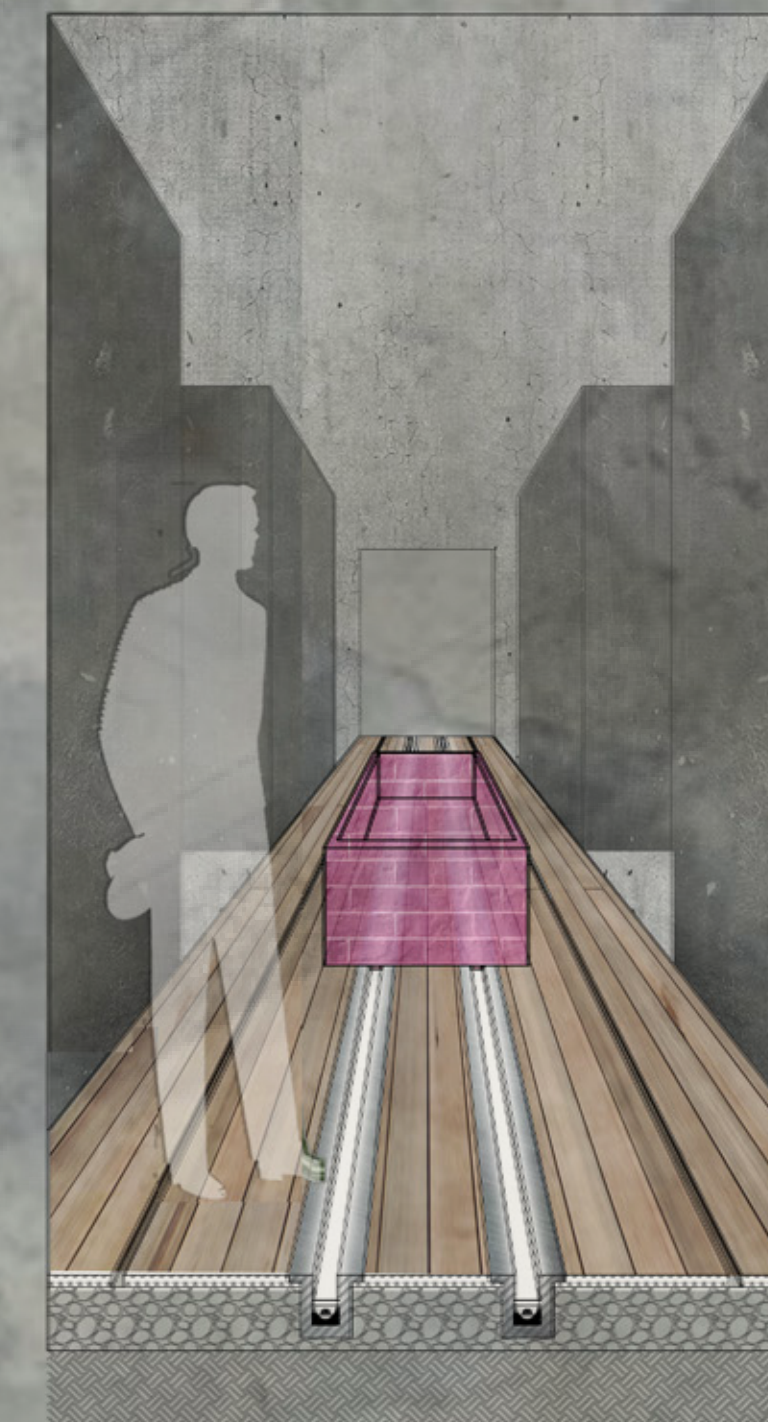
# □ THE DETAILS OF TRACKS



DIRECTIONAL LIGHT TRACKS AT DEFINE AREA

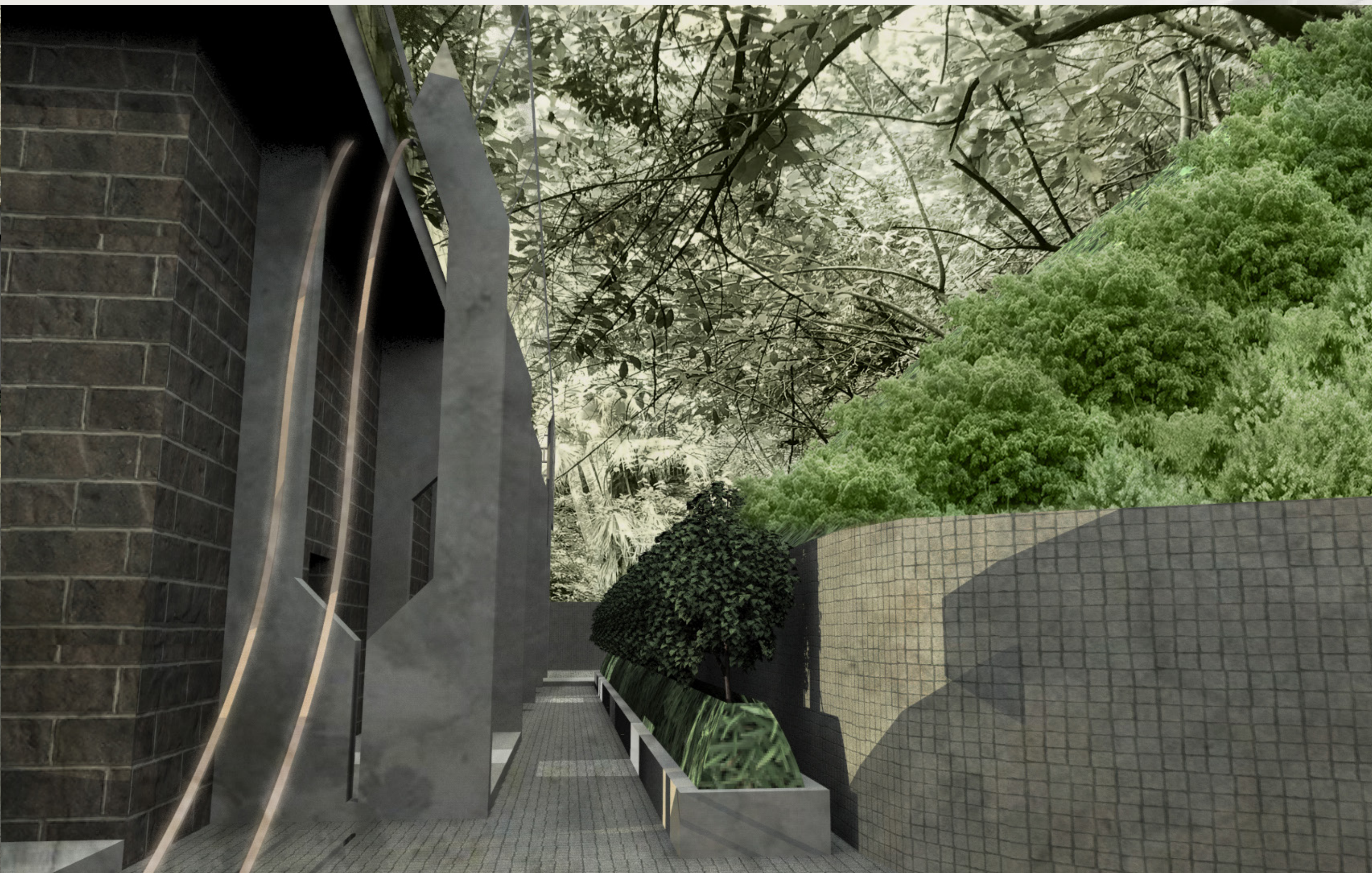
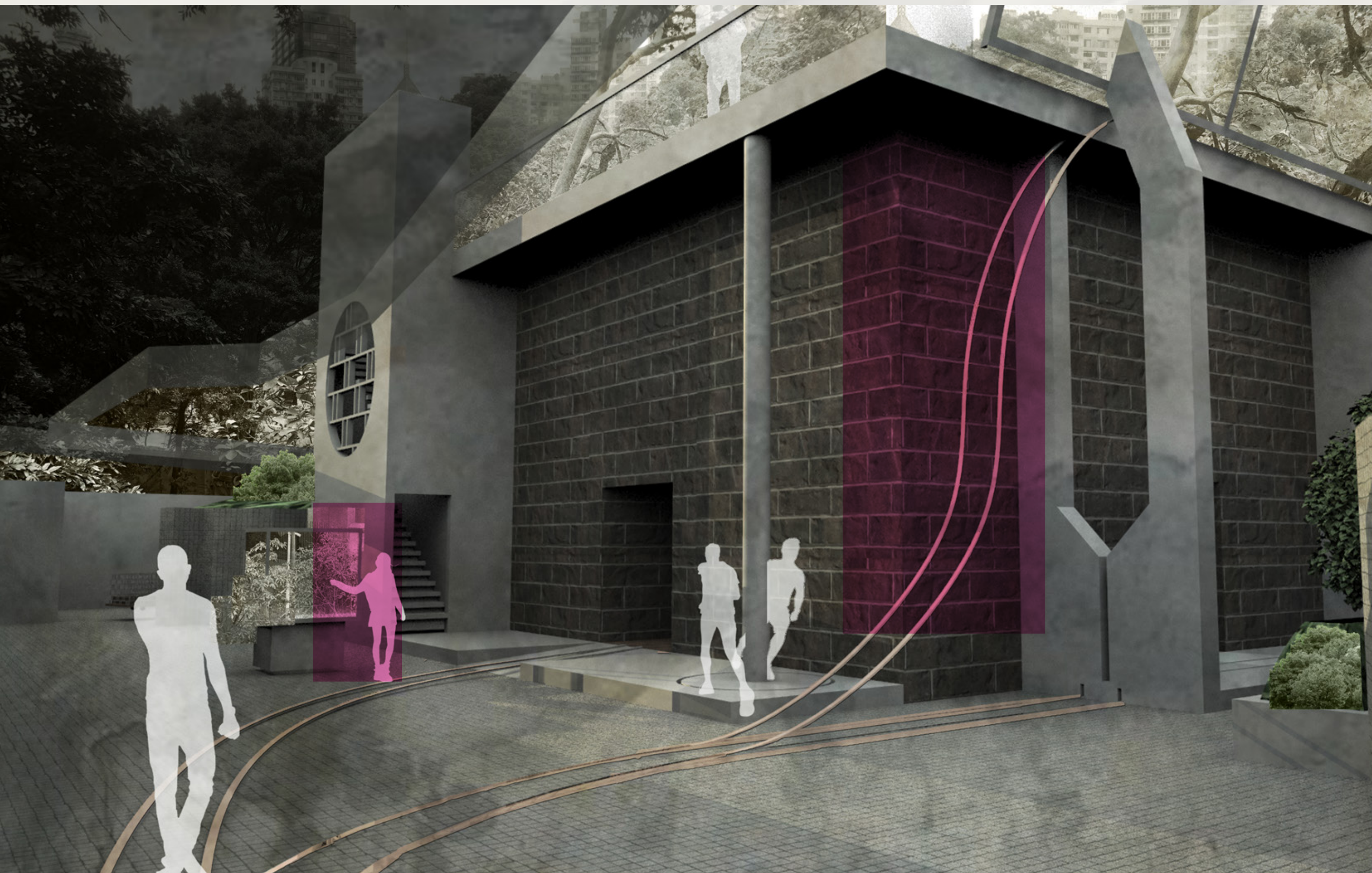


TRANSITIONAL TRACKS IN PROTOTYPE AREA

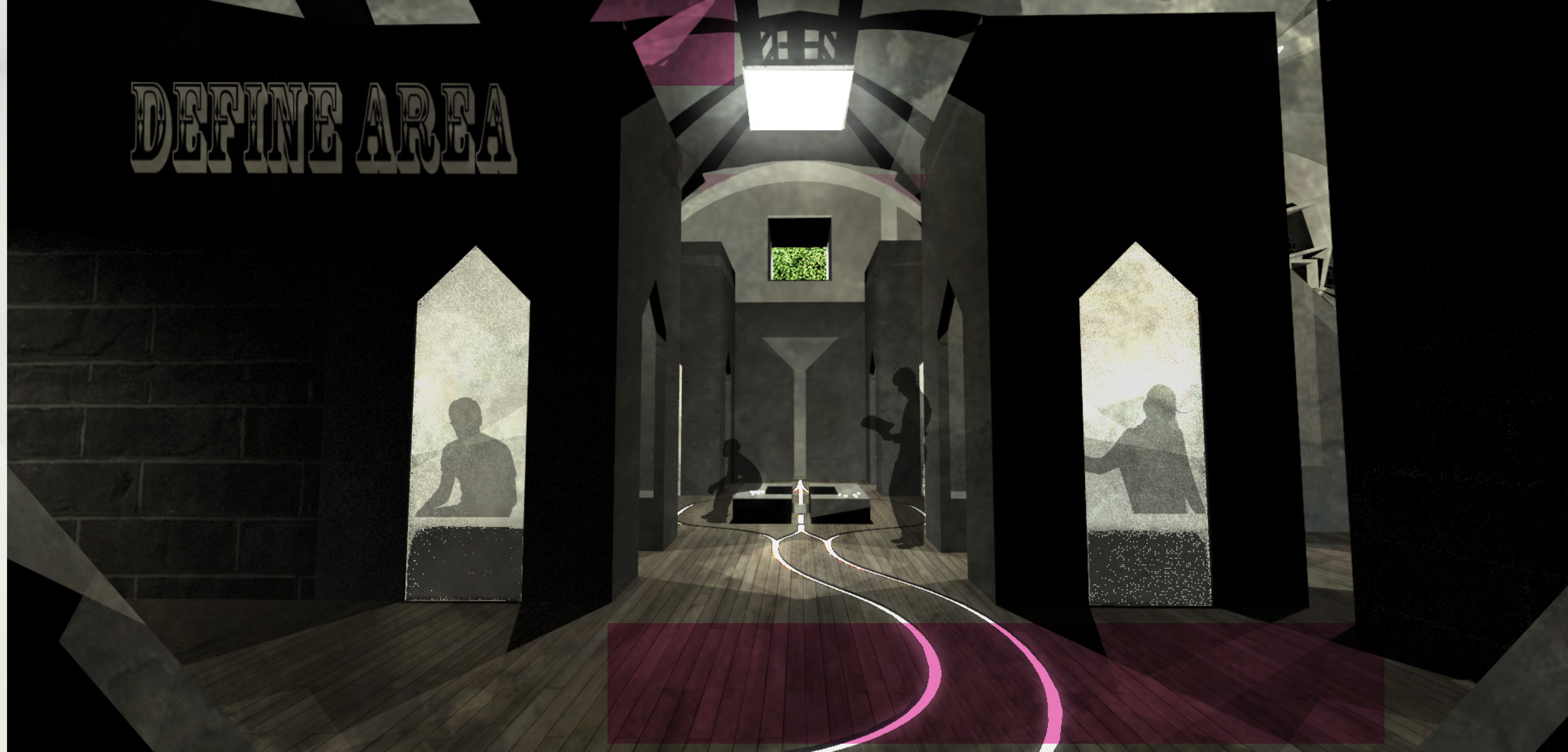
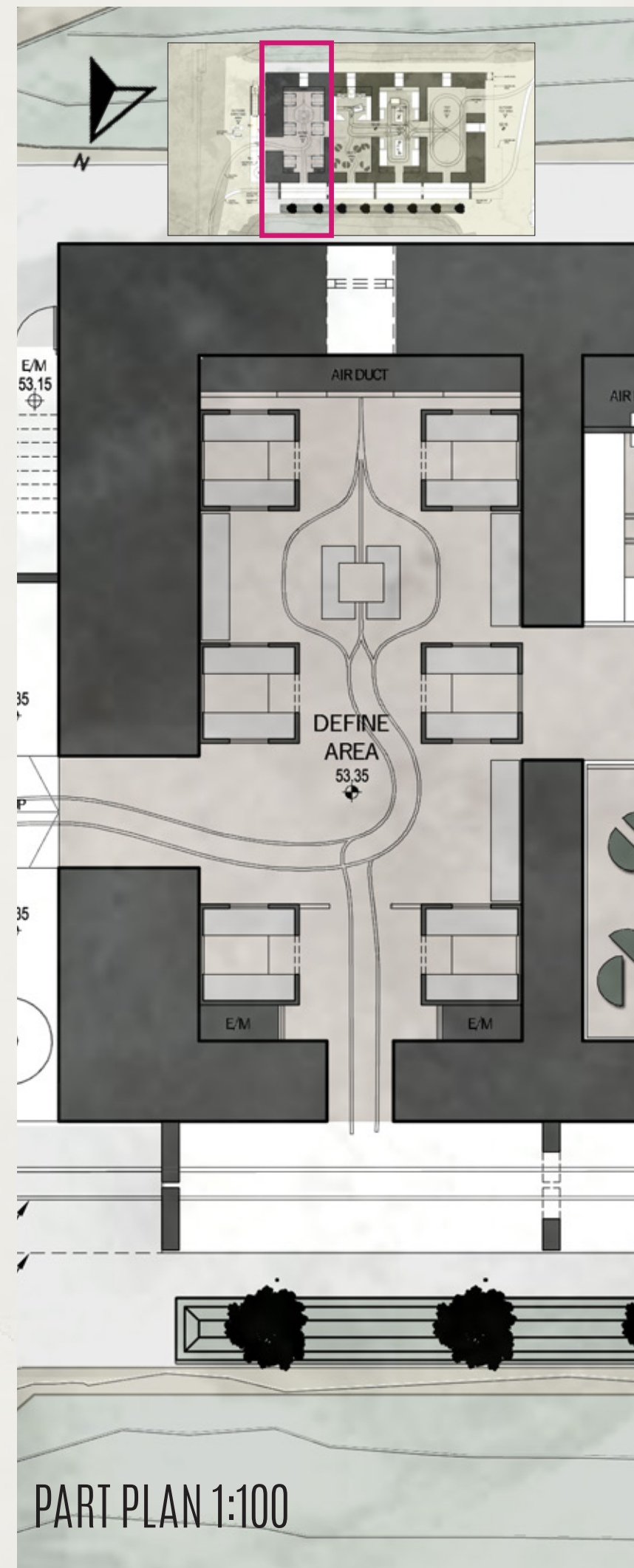


TRANSITIONAL LIGHT TRACKS IN TEST AREA





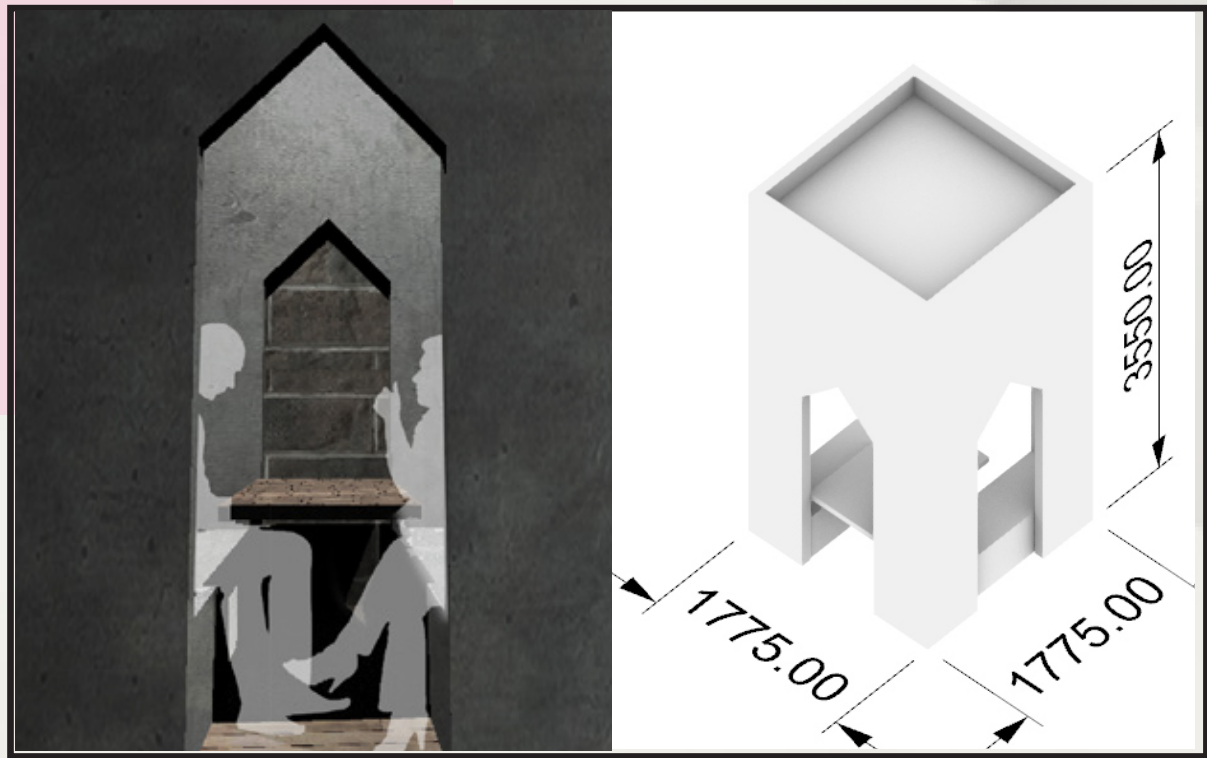






# DEFINE AREA

## COMMUNICATE TOWER



## WINDOW RELOCAITON



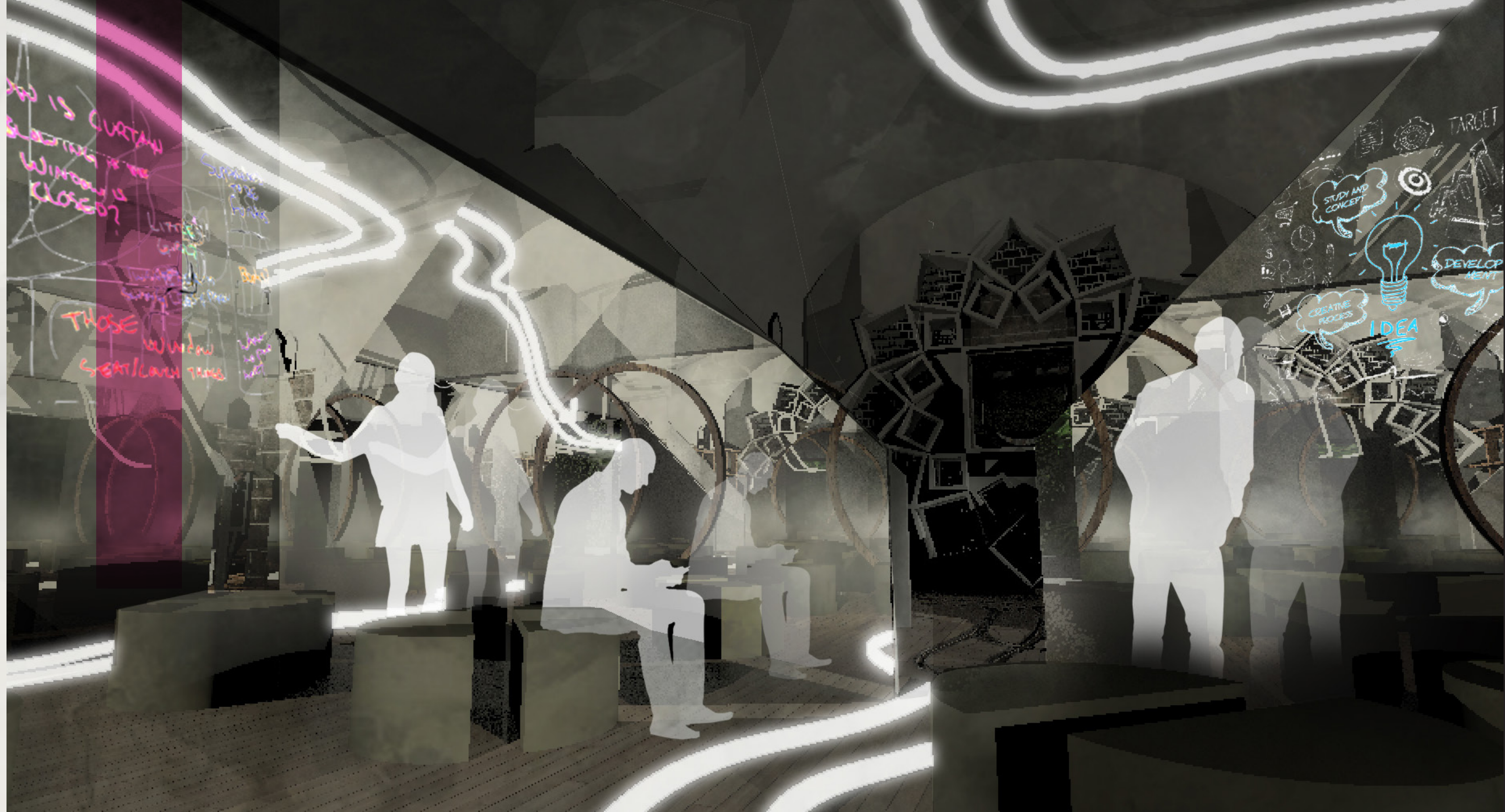
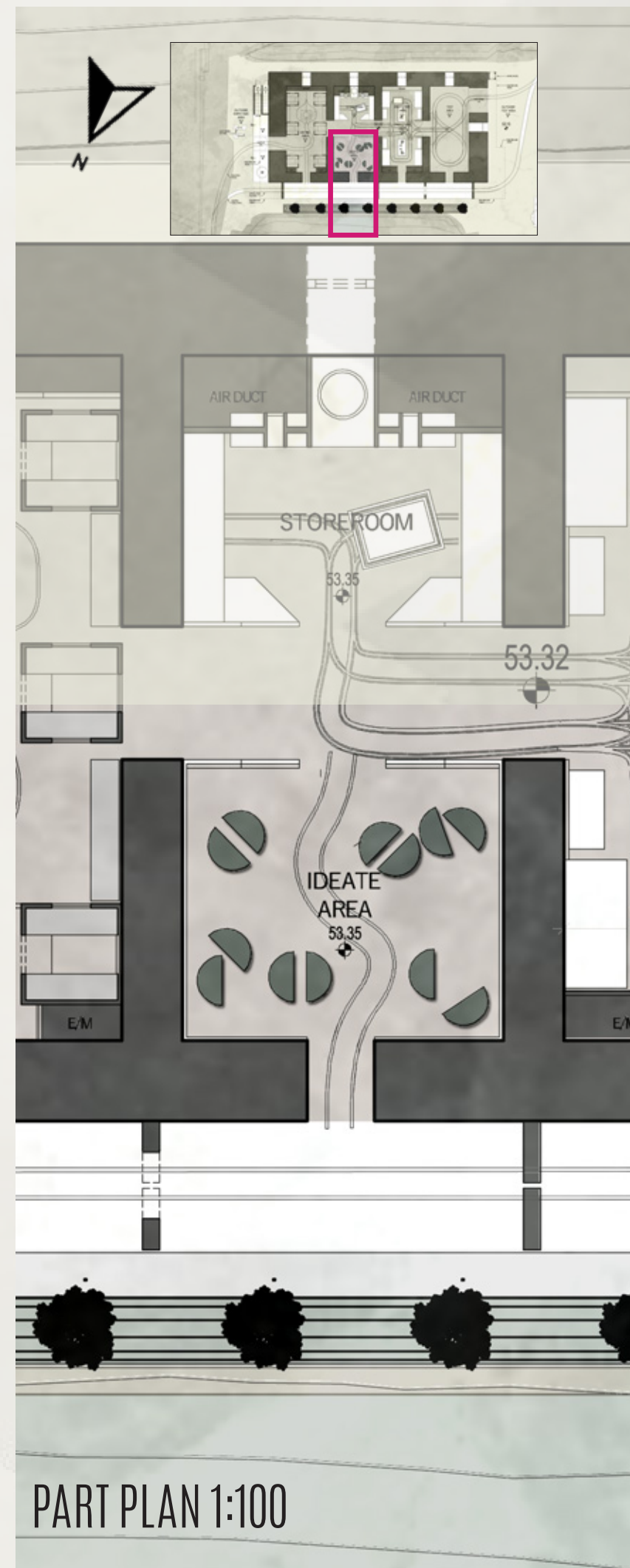
## DIRECTIONAL LIGHTING



## MATERIAL BOARD







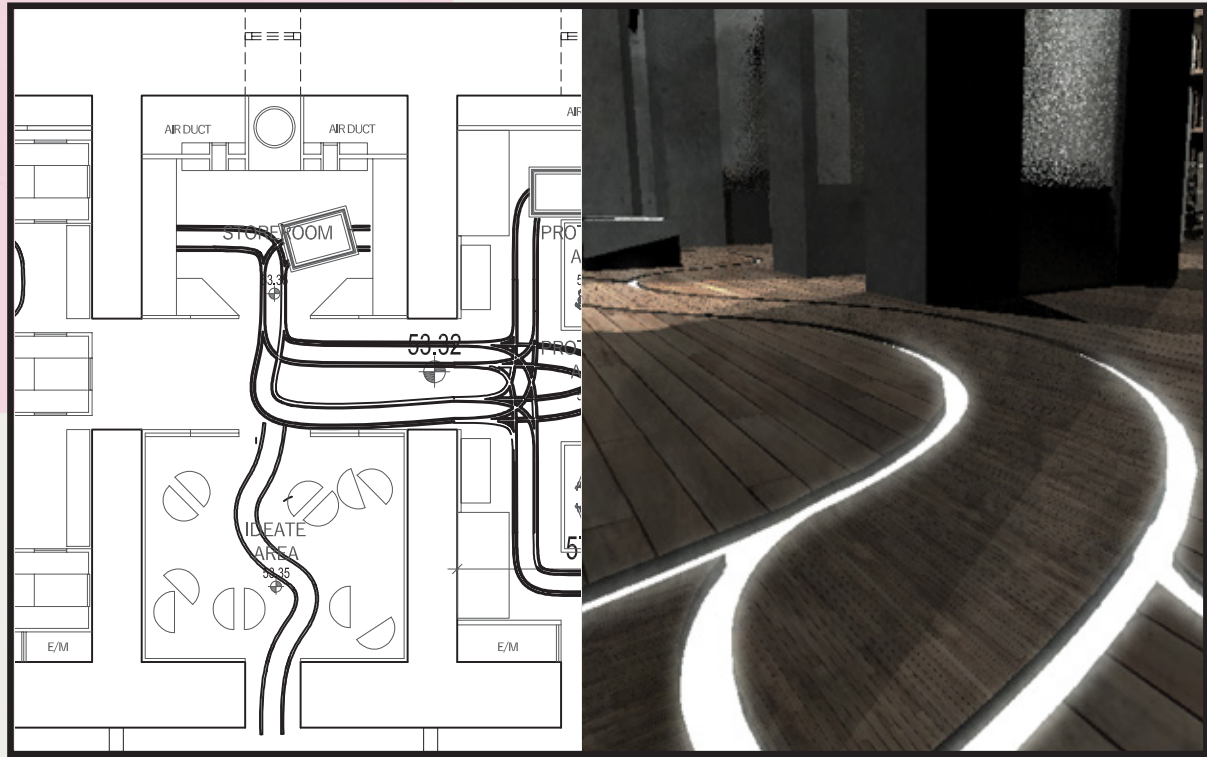


# IDEATE AREA

BORROWED VIEWS



DIRECTIONAL LIGHTING



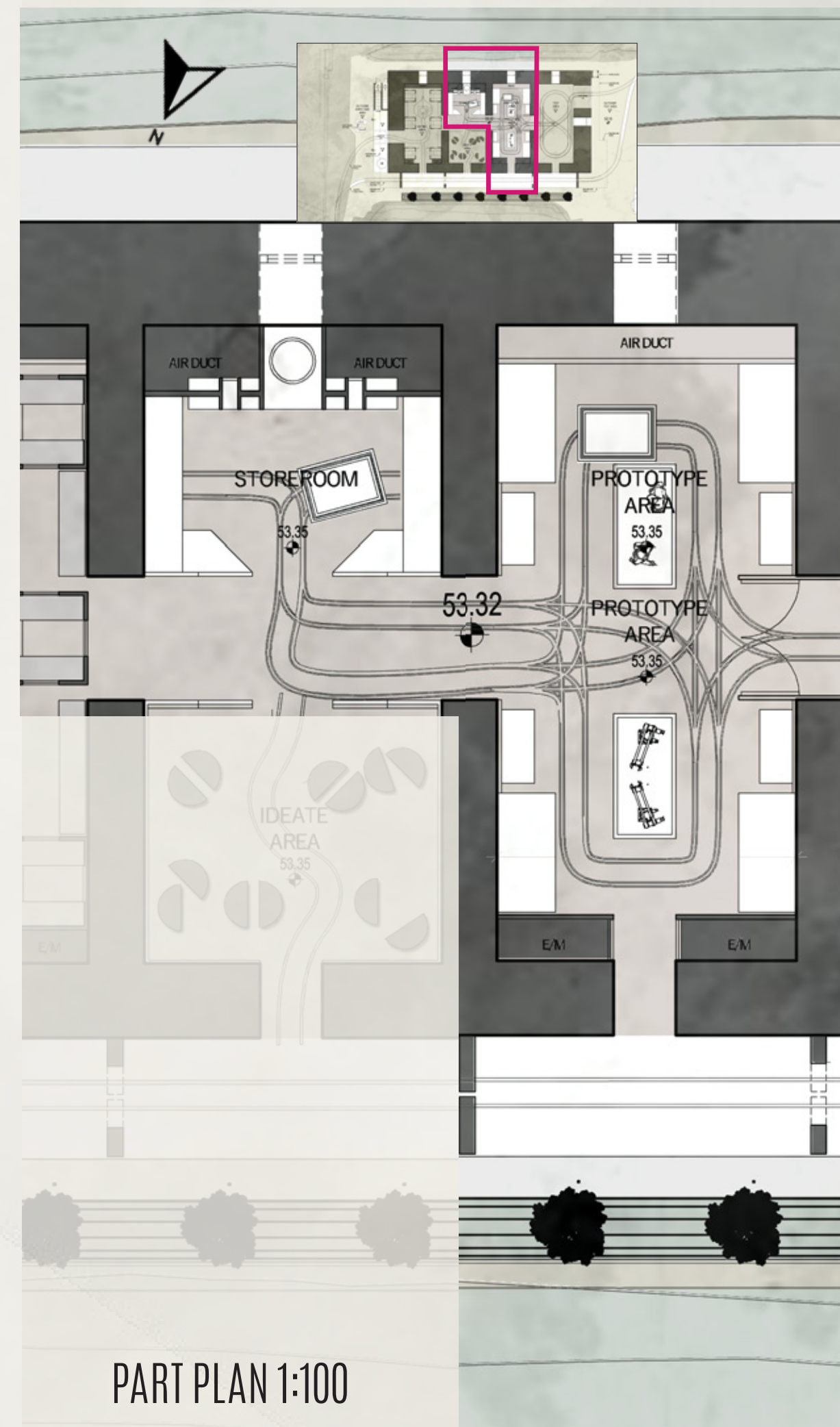
DRAWING BOARD



MATERIAL BOARD



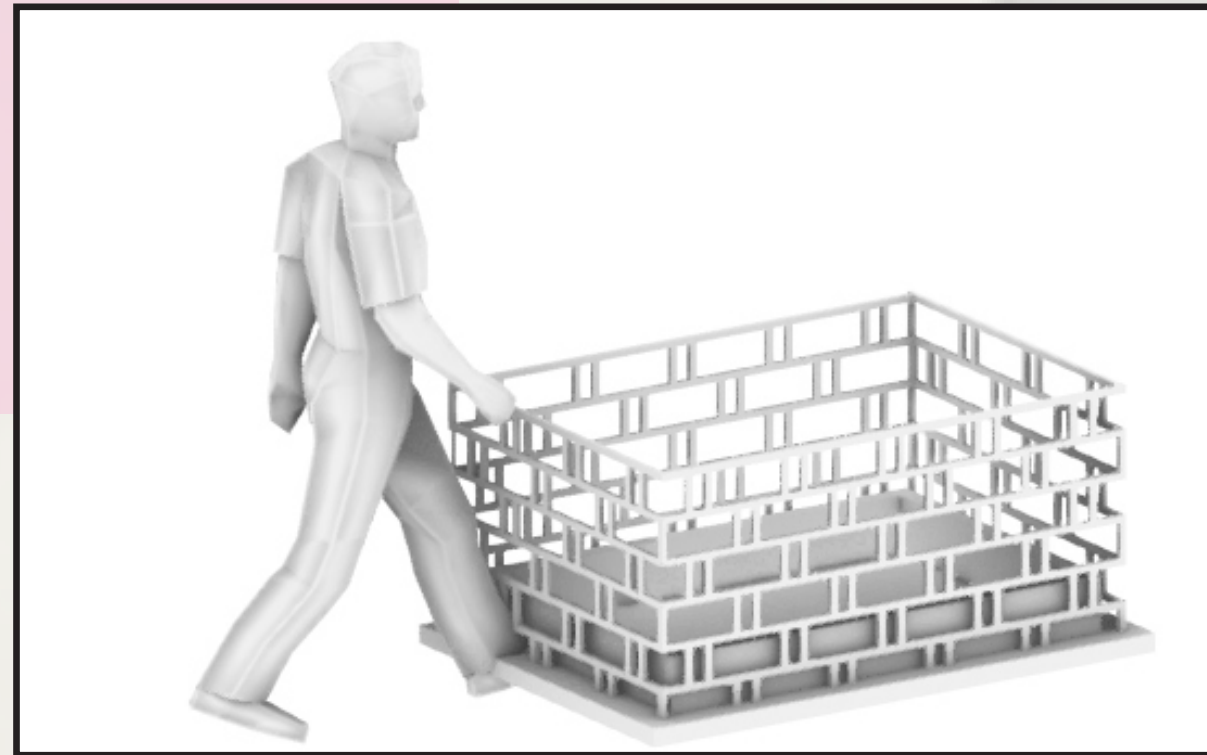




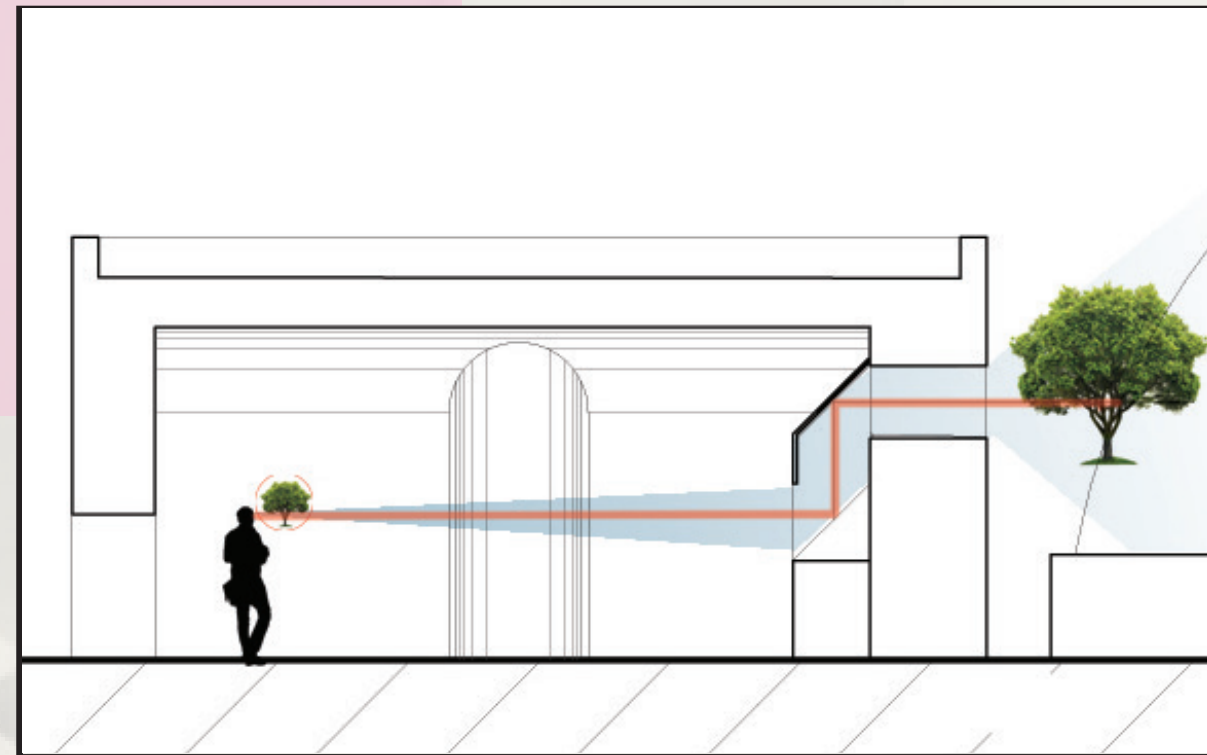


# PROTOTYPE AREA

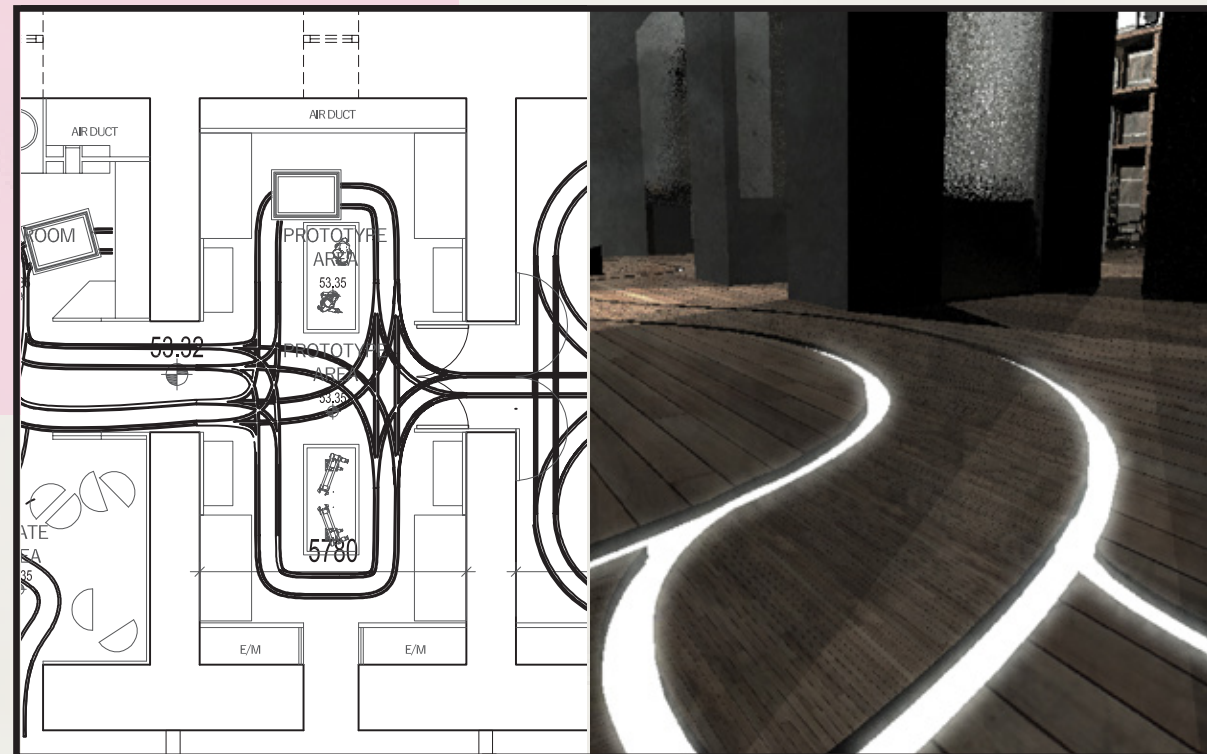
## TROLLEY



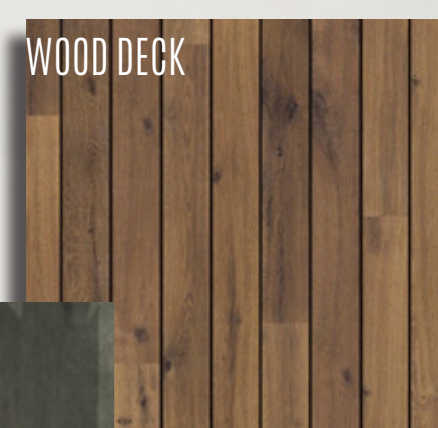
## KALEIDOSCOPE



## DIRECTIONAL TRACK



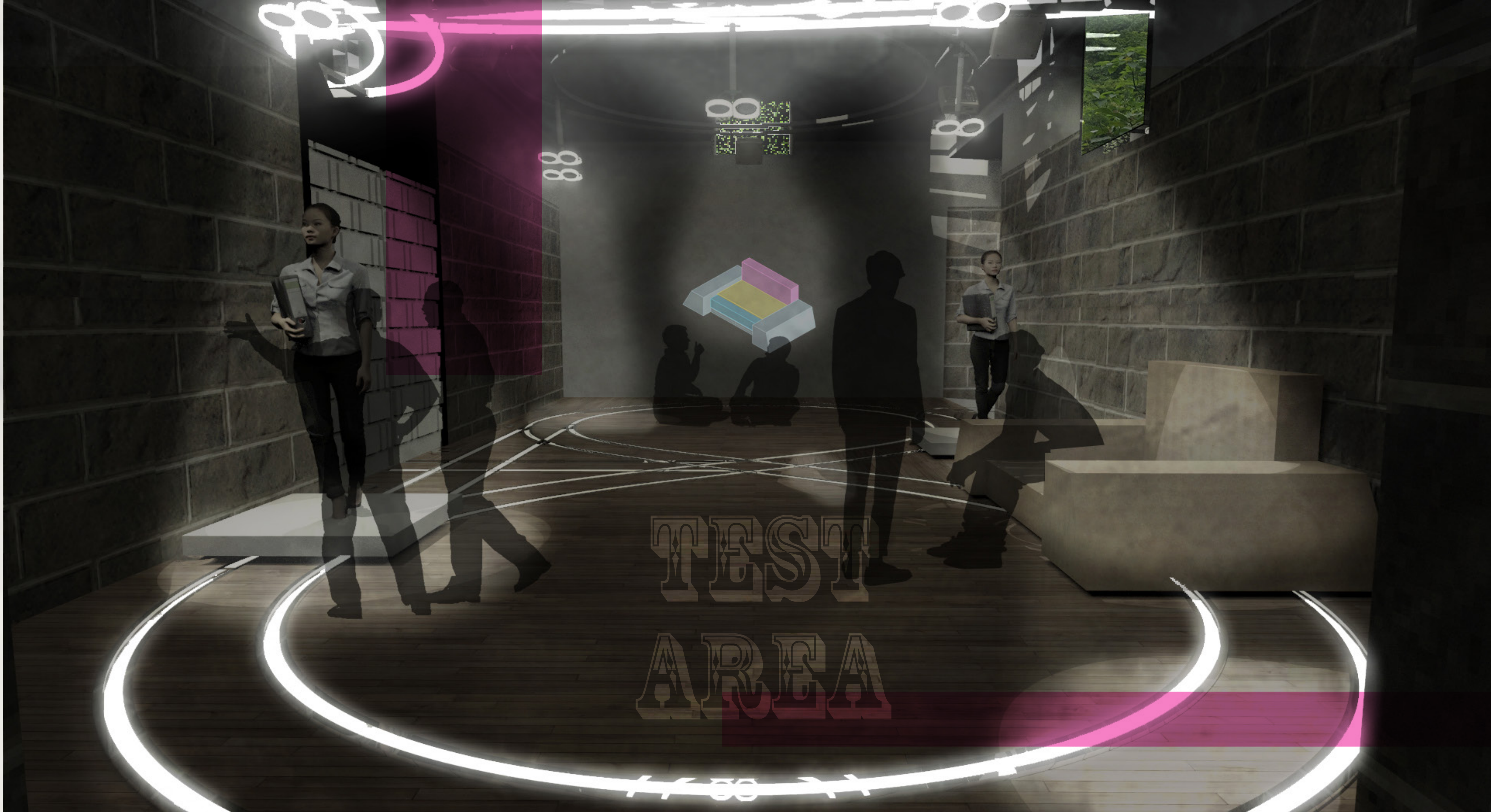
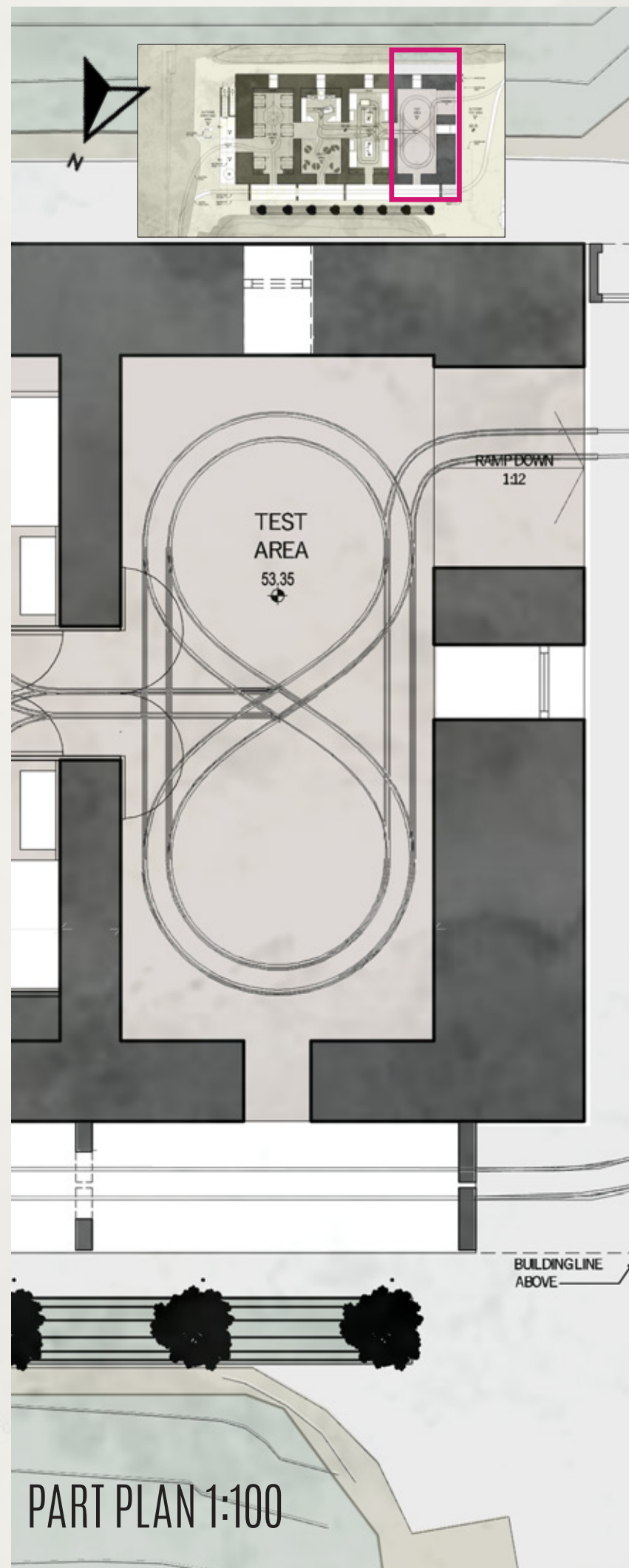
## MATERIAL BOARD







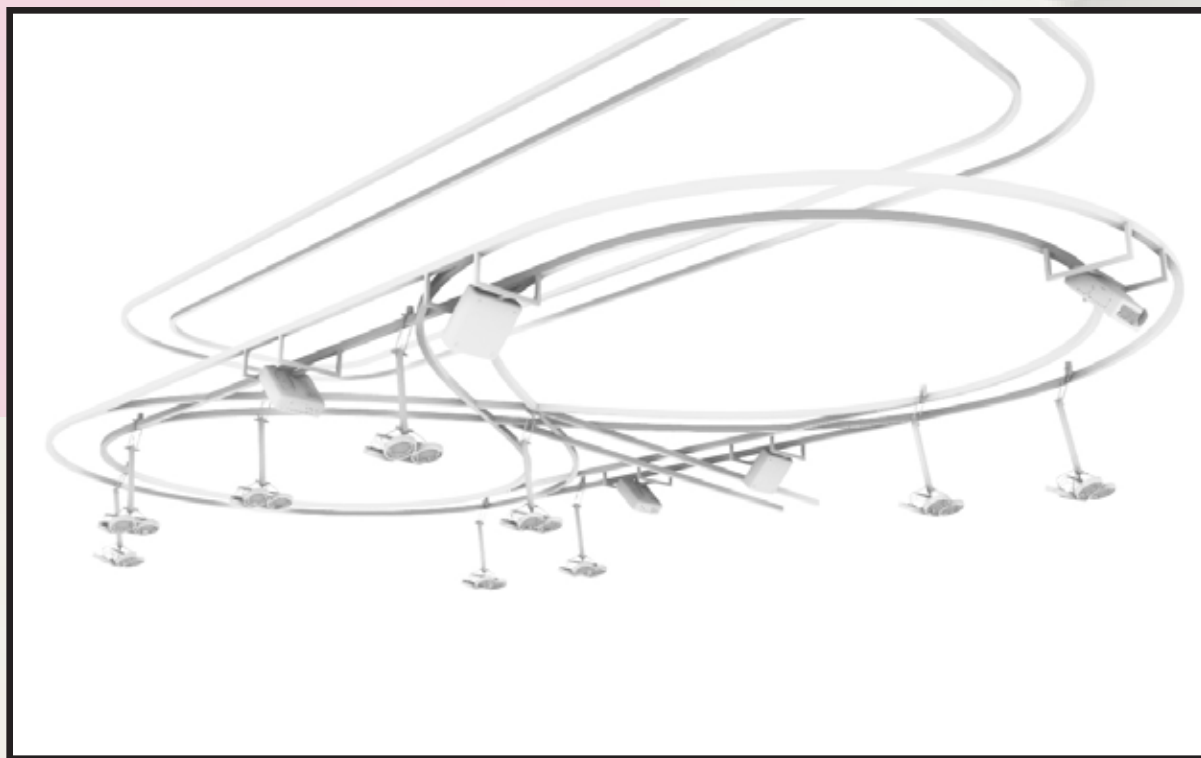




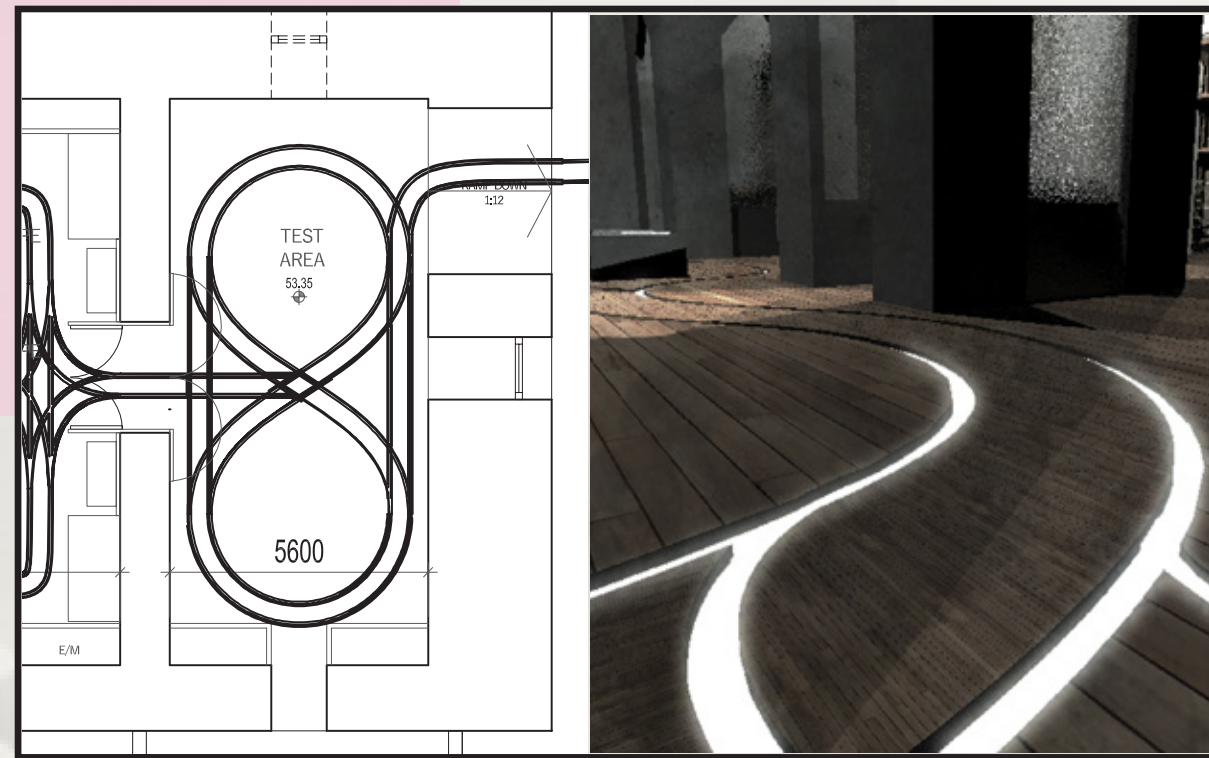


# TEST AREA

3D PROJECTOR AND SPOTLIHGT



DIRECTIONAL TRACK



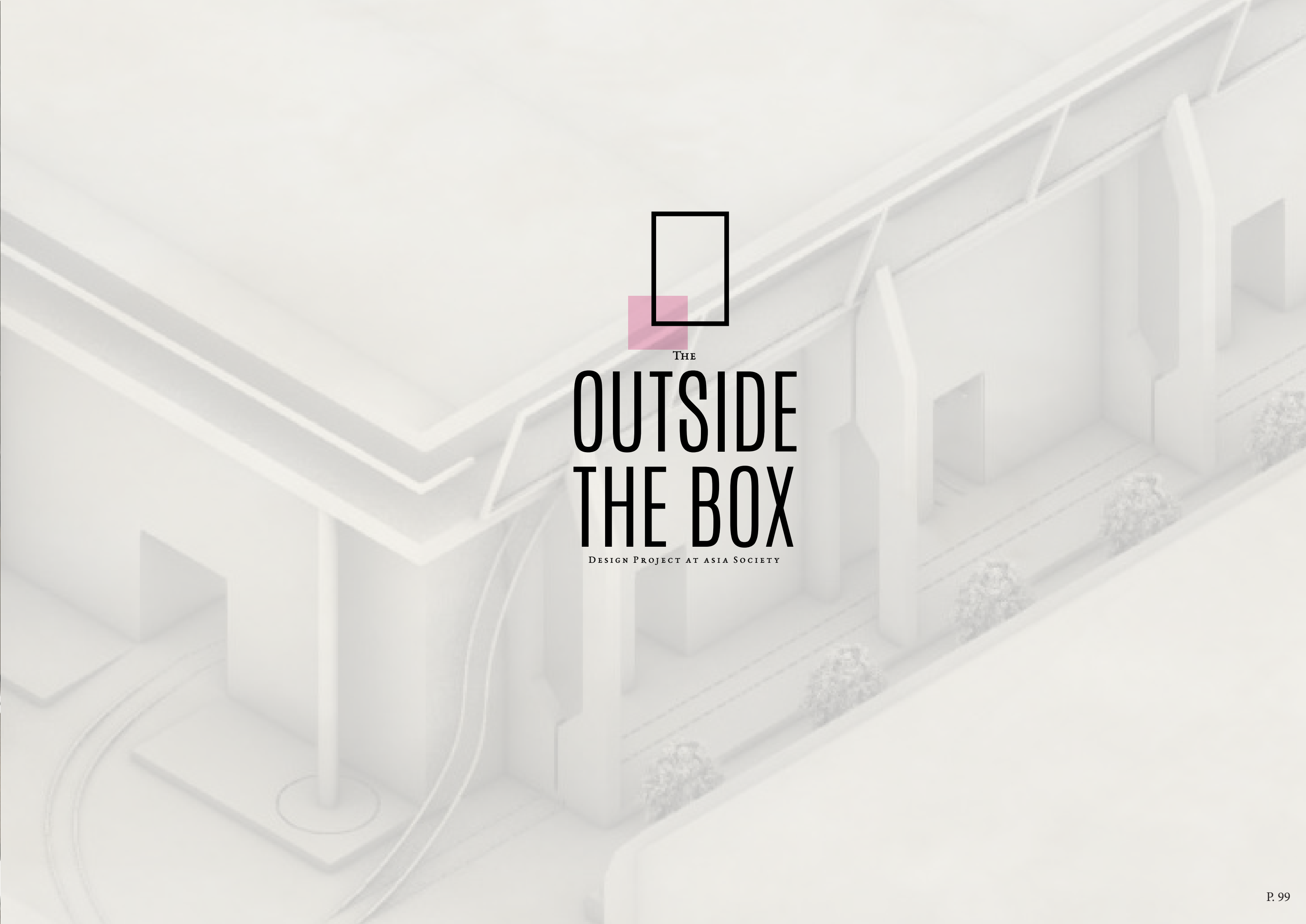
PROTABLE FUNITURE



PROTABLE FUNITURE



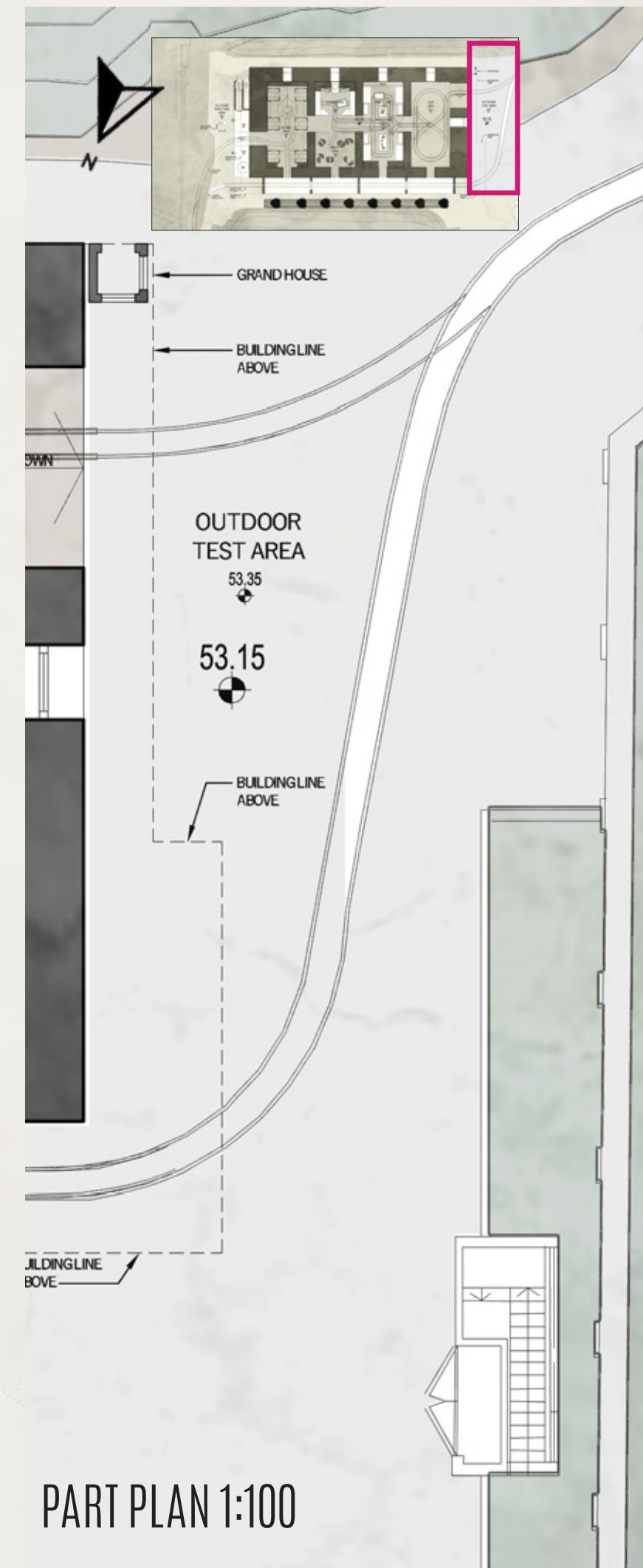




THE  
**OUTSIDE  
THE BOX**  
DESIGN PROJECT AT ASIA SOCIETY



# OUTSIDE TEST AREA



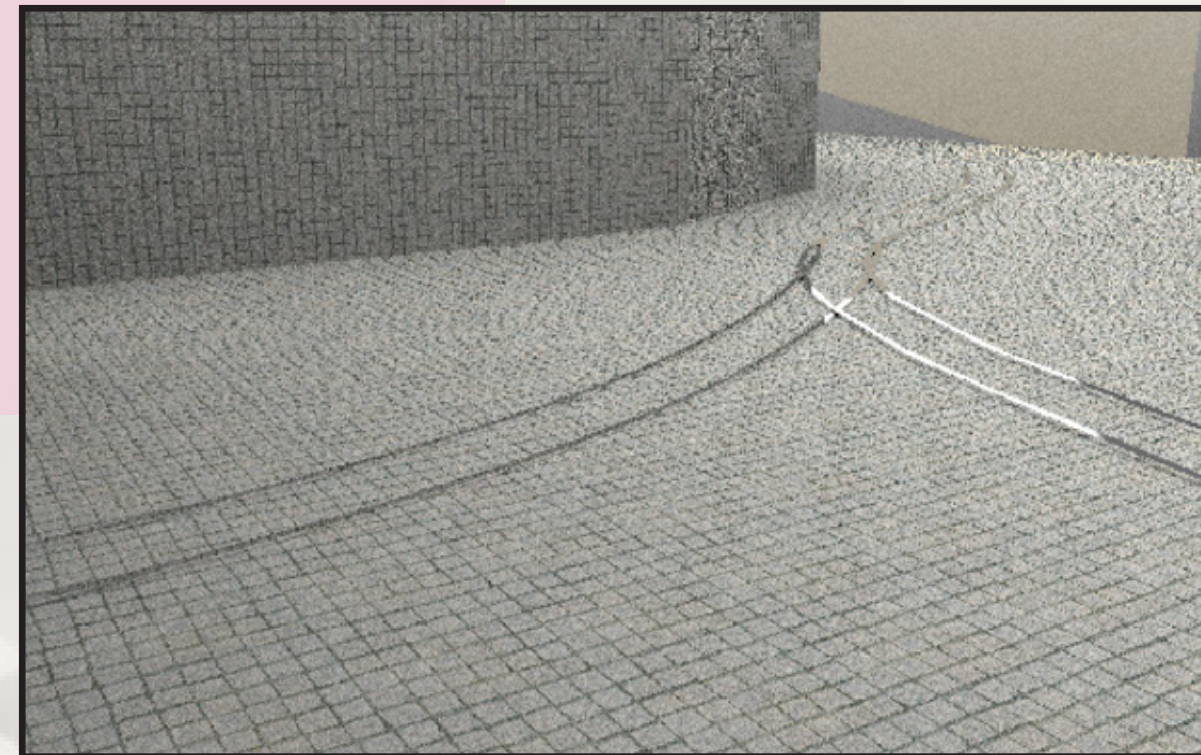


# OUTSIDE TEST AREA

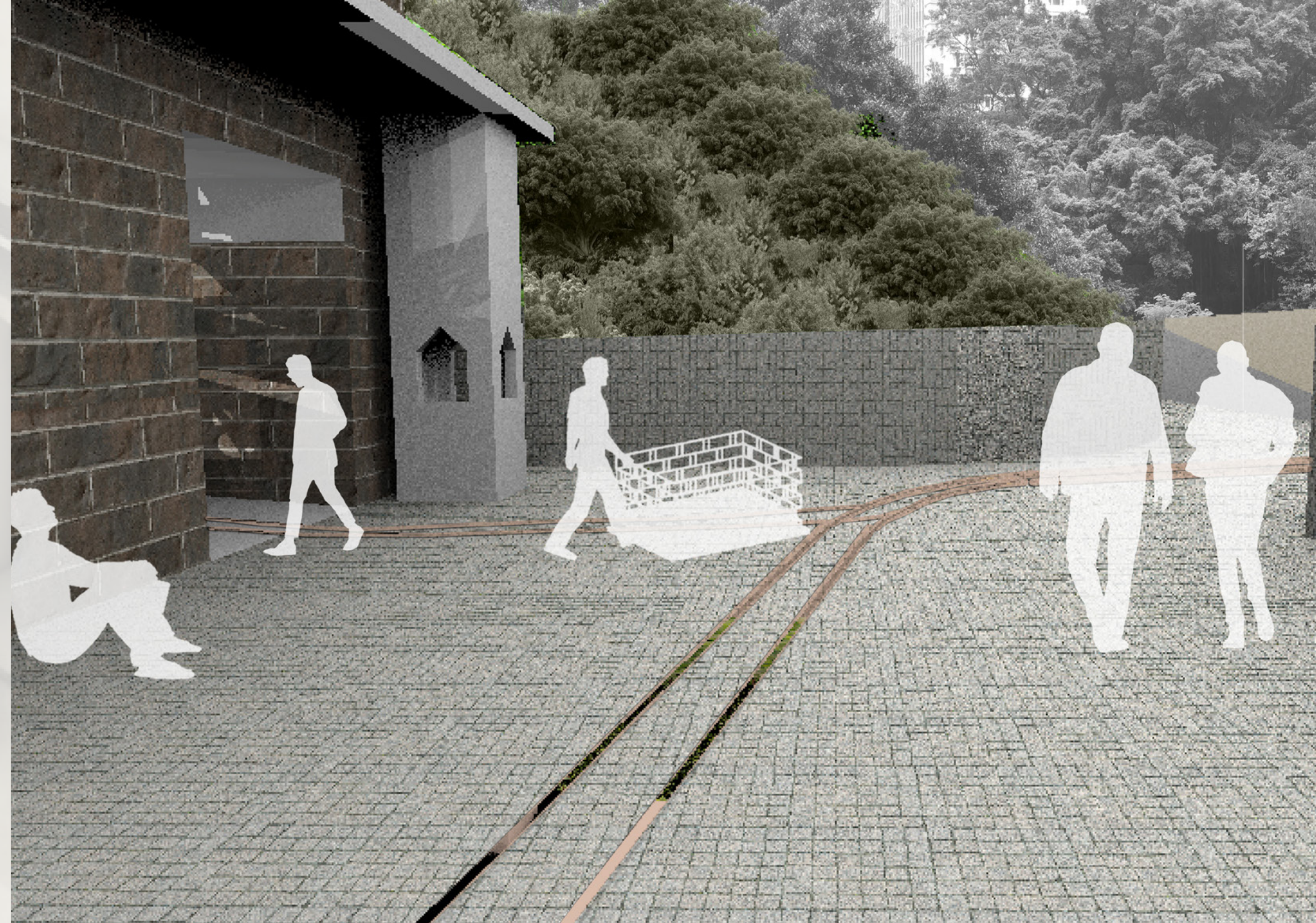
GRAND HOUSE DESIGN



TRACK TO PRESENTATION



OUTSIDE TESTING

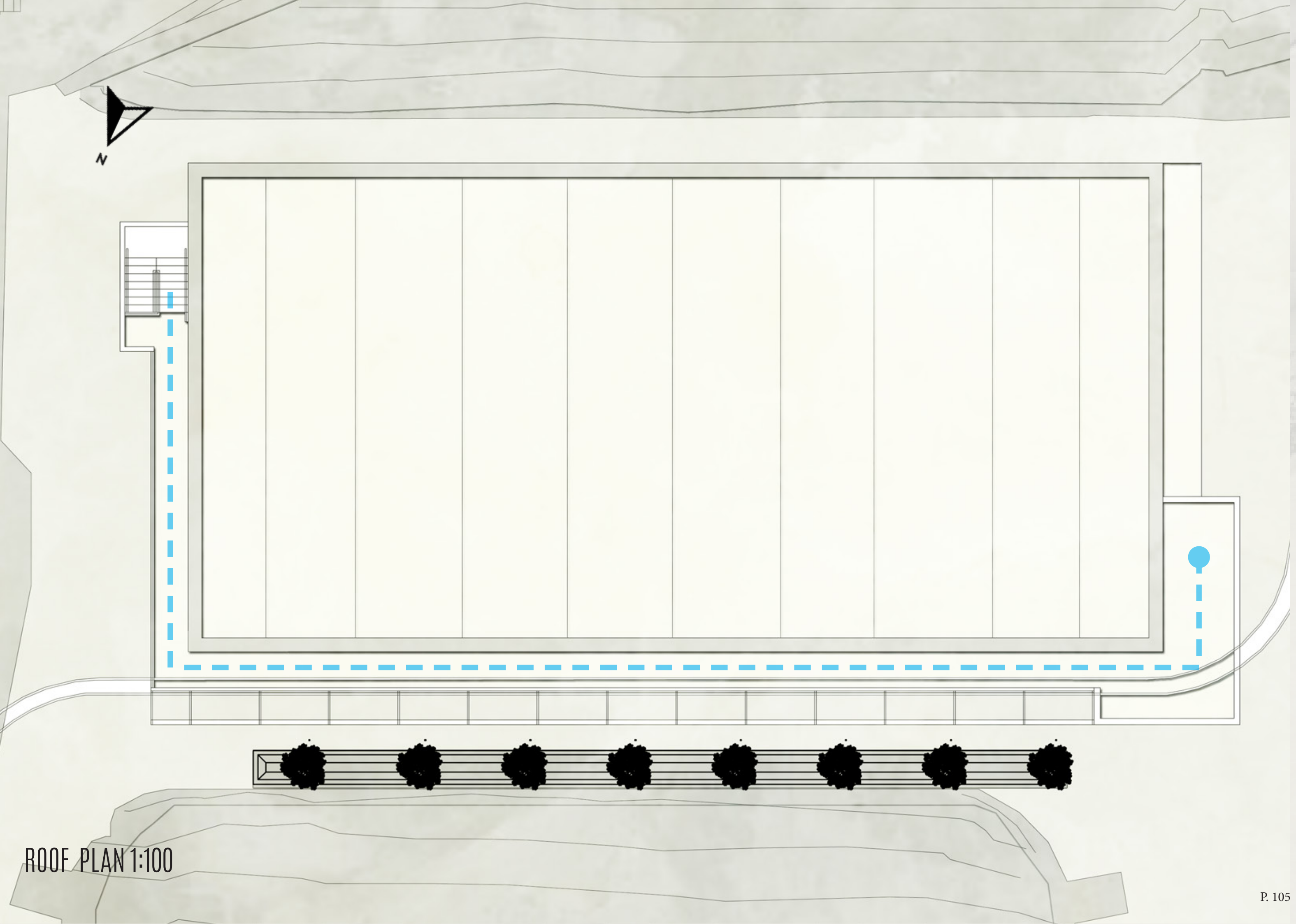






THINK  
UPPER SIDE  
THE BOX

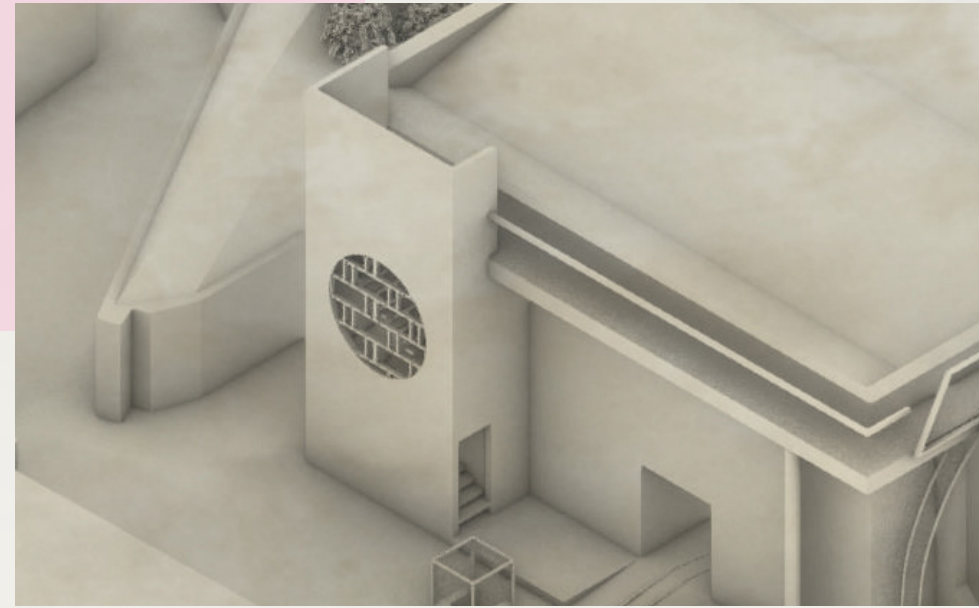
DESIGN PROJECT AT ASIA SOCIETY



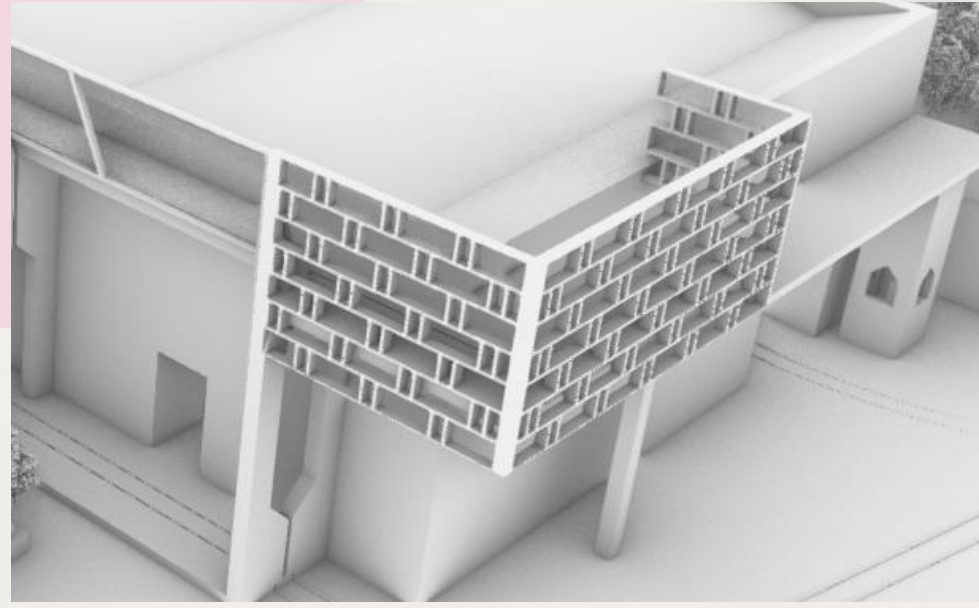
ROOF PLAN 1:100



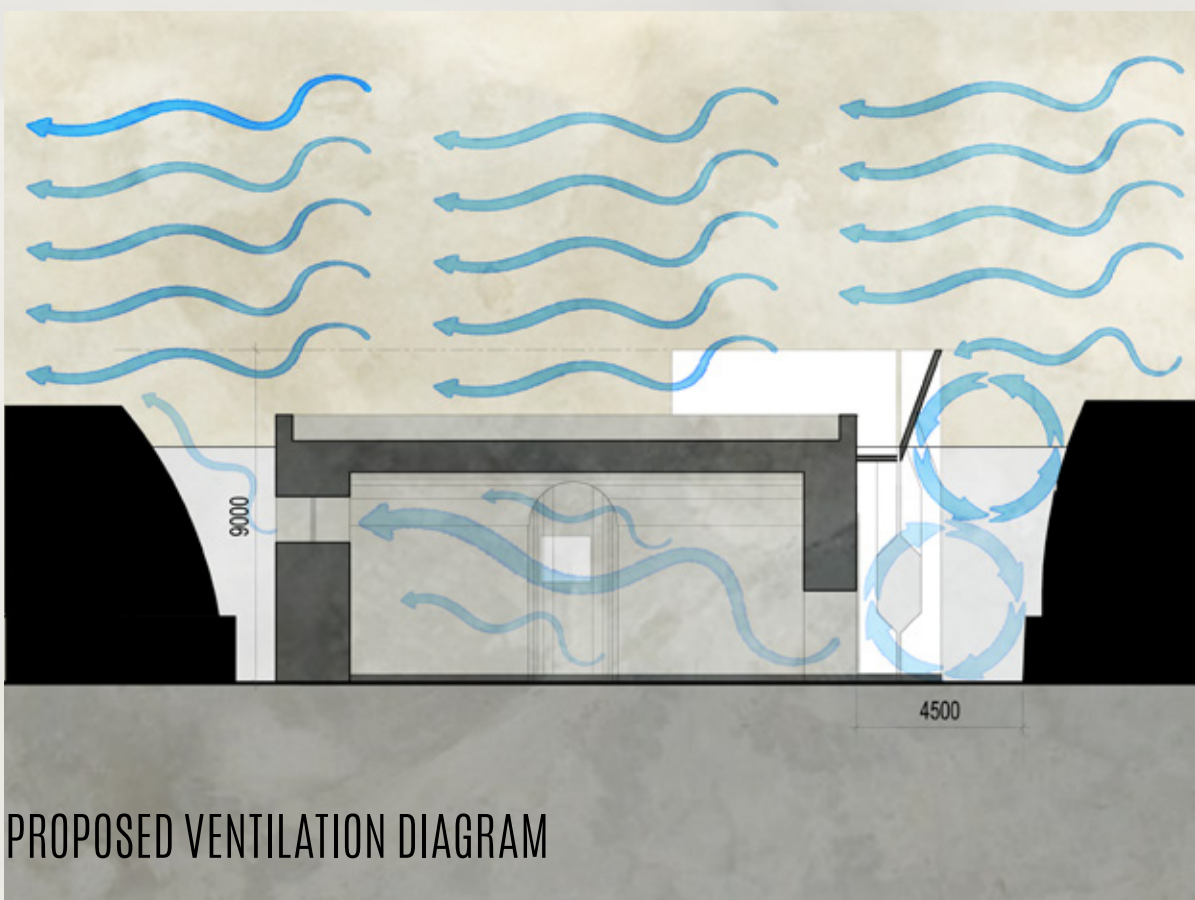
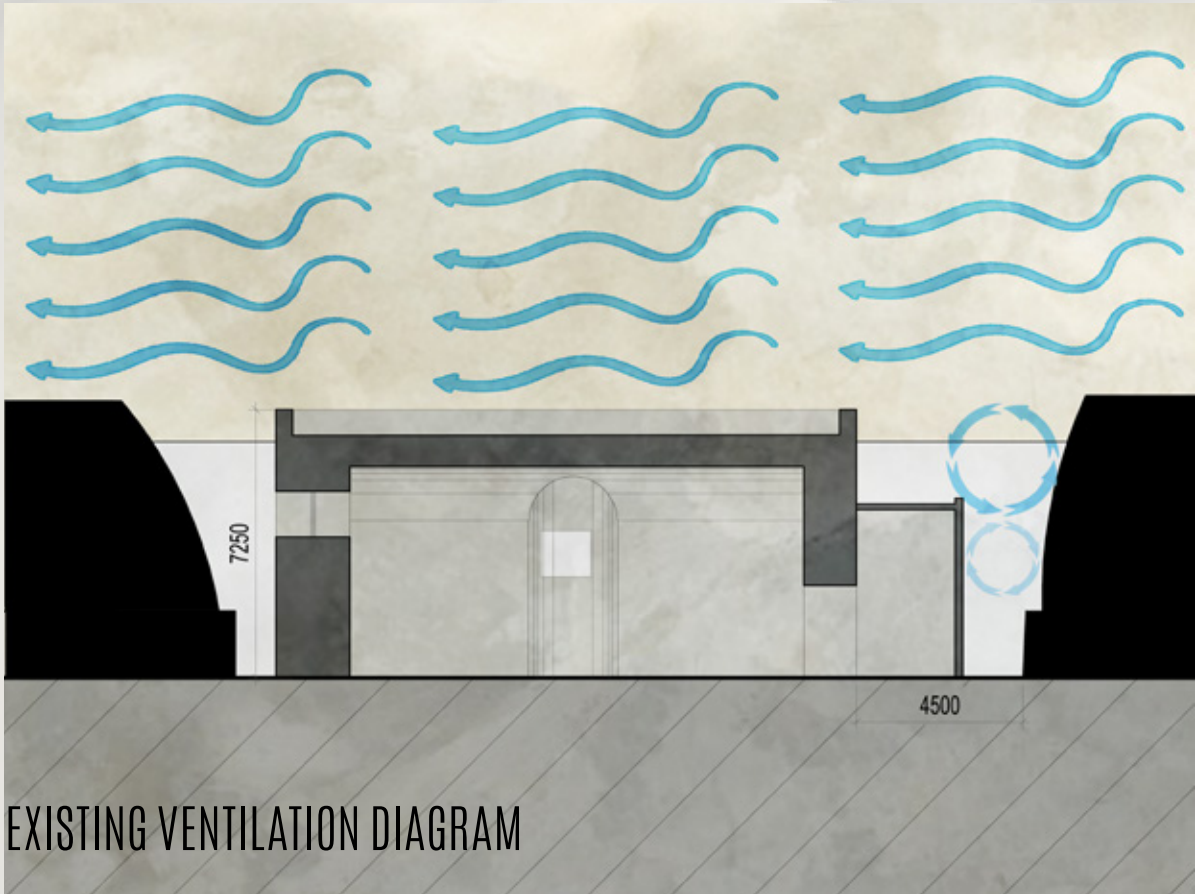
ENTRENCE



BALCONY



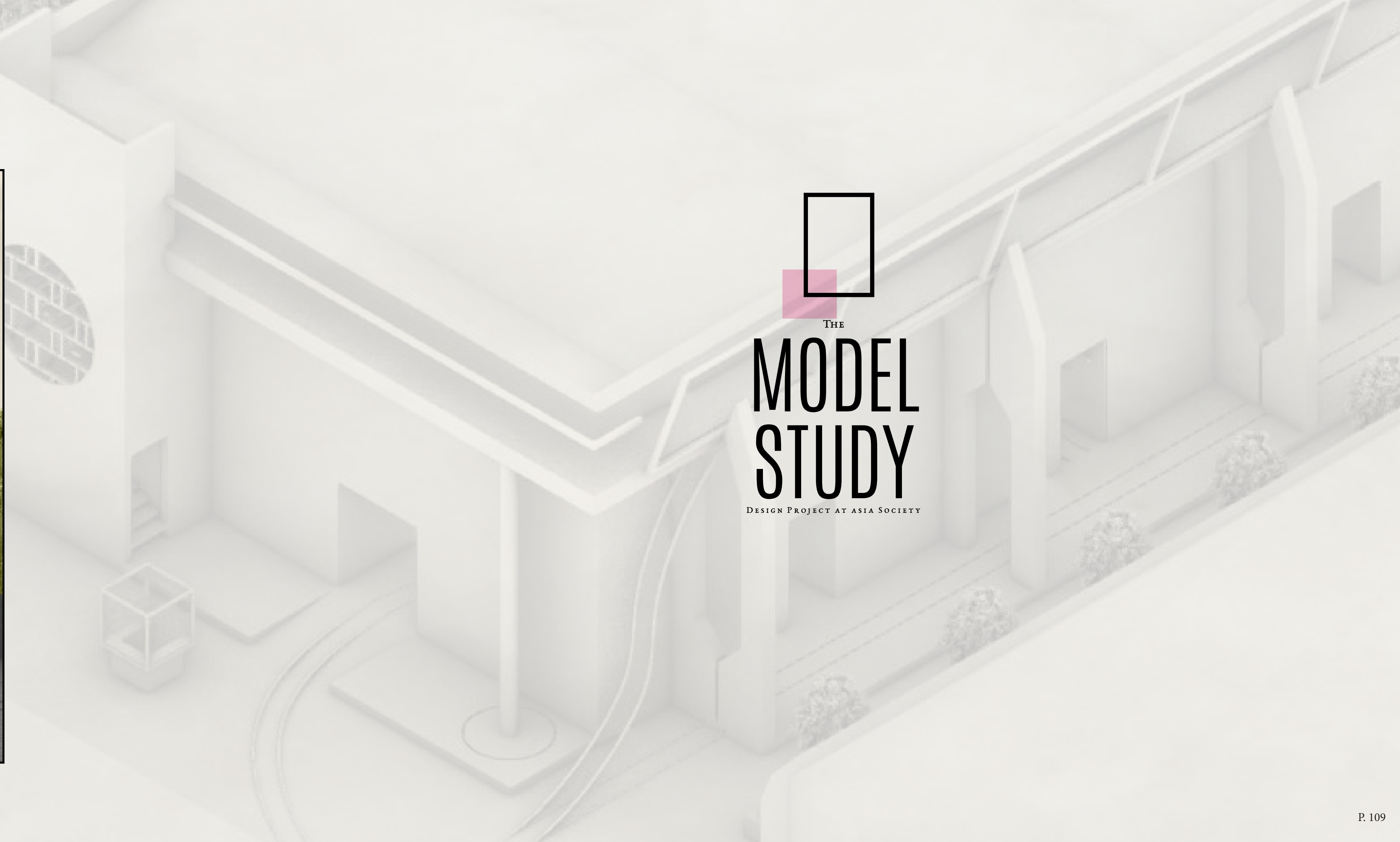
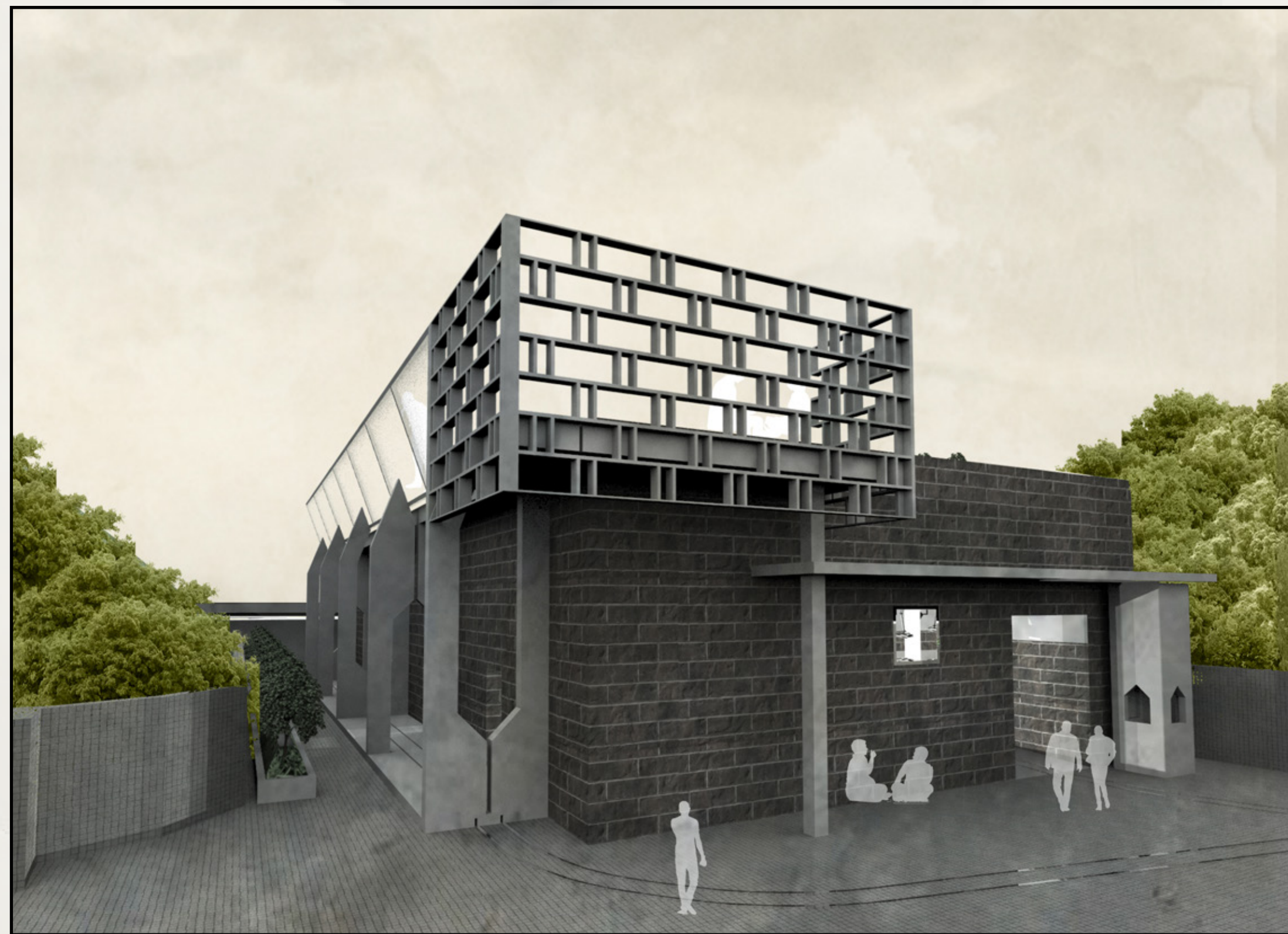
BEST VIEW OF THE SITE



BEST VIEW OF THE SITE

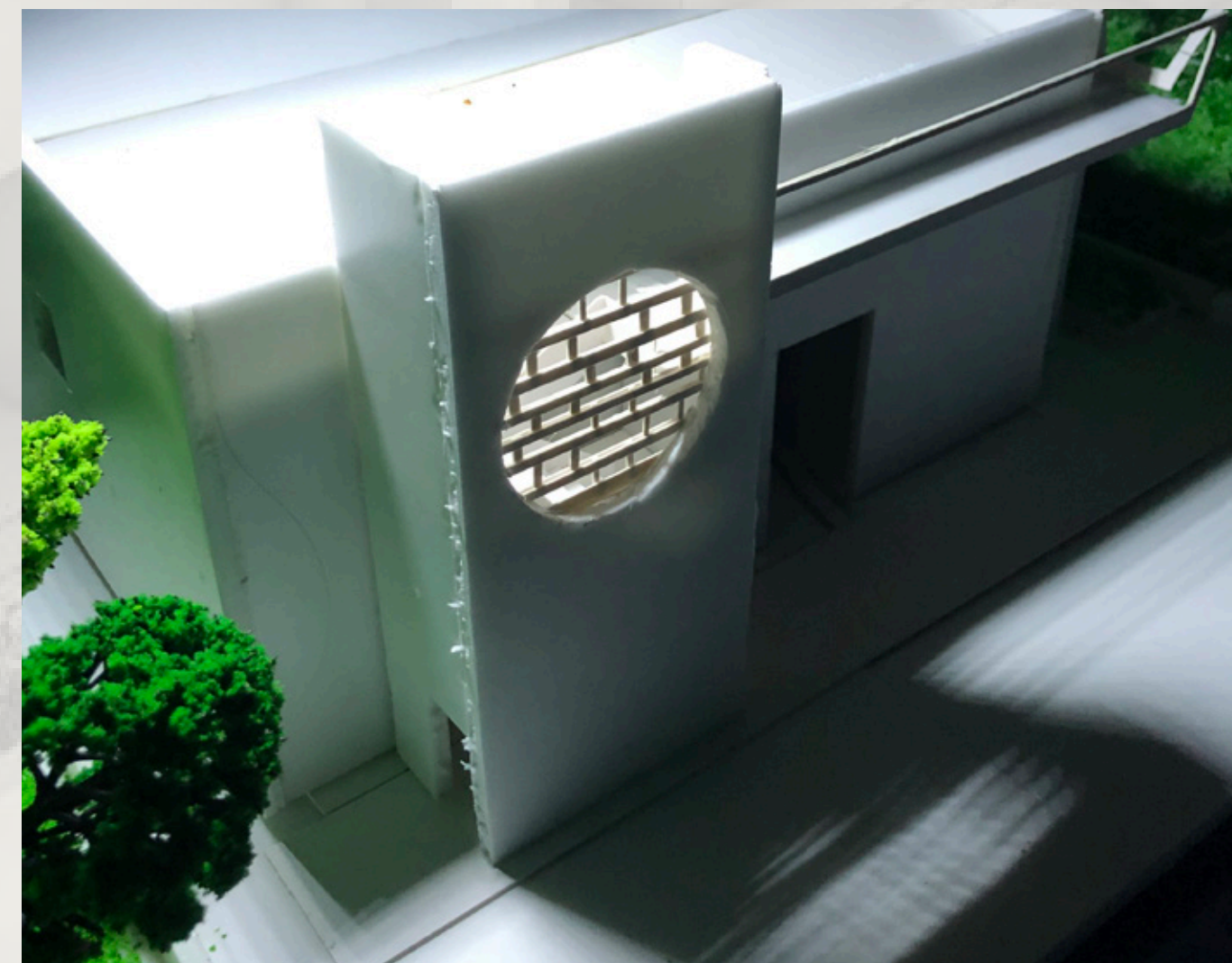
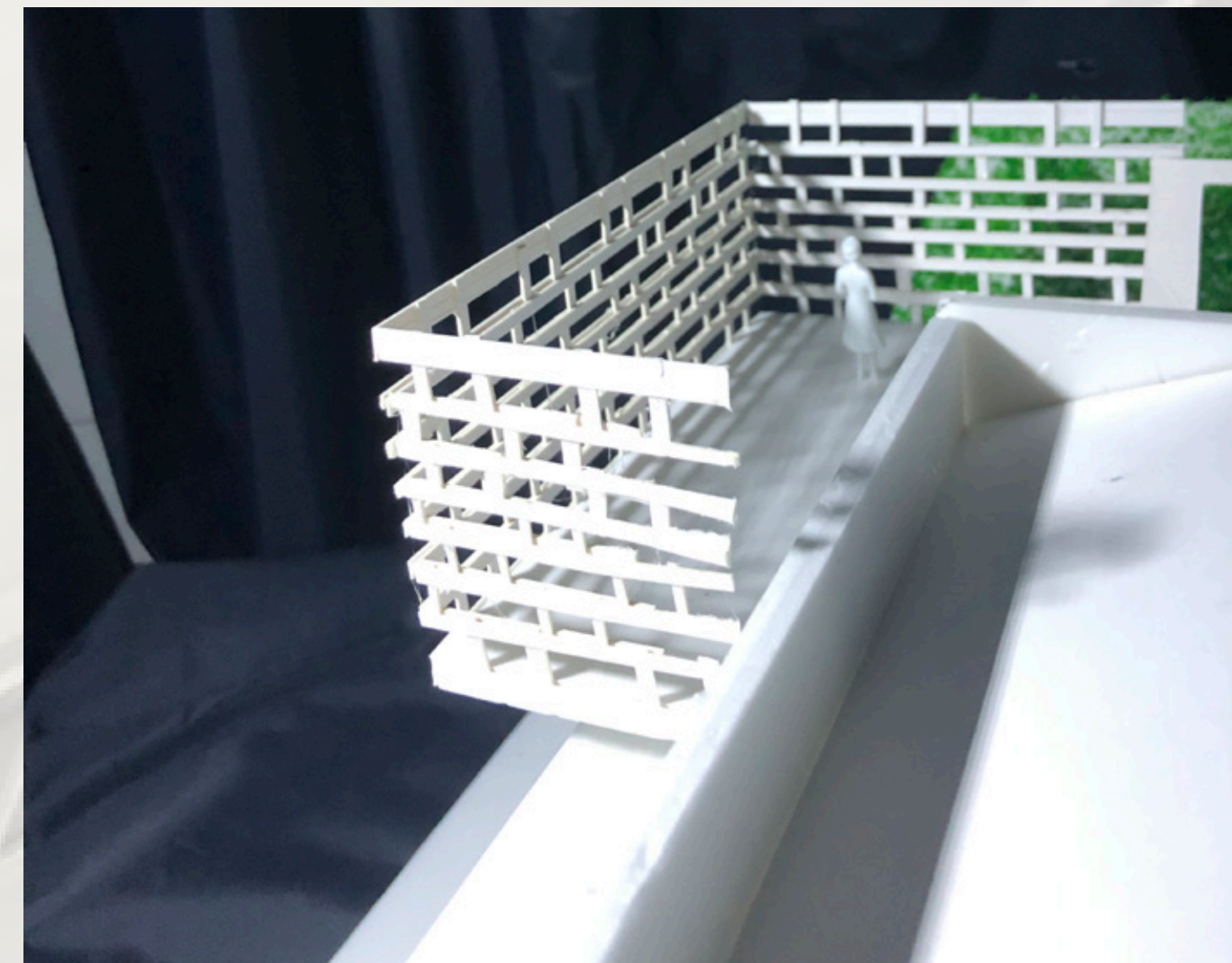




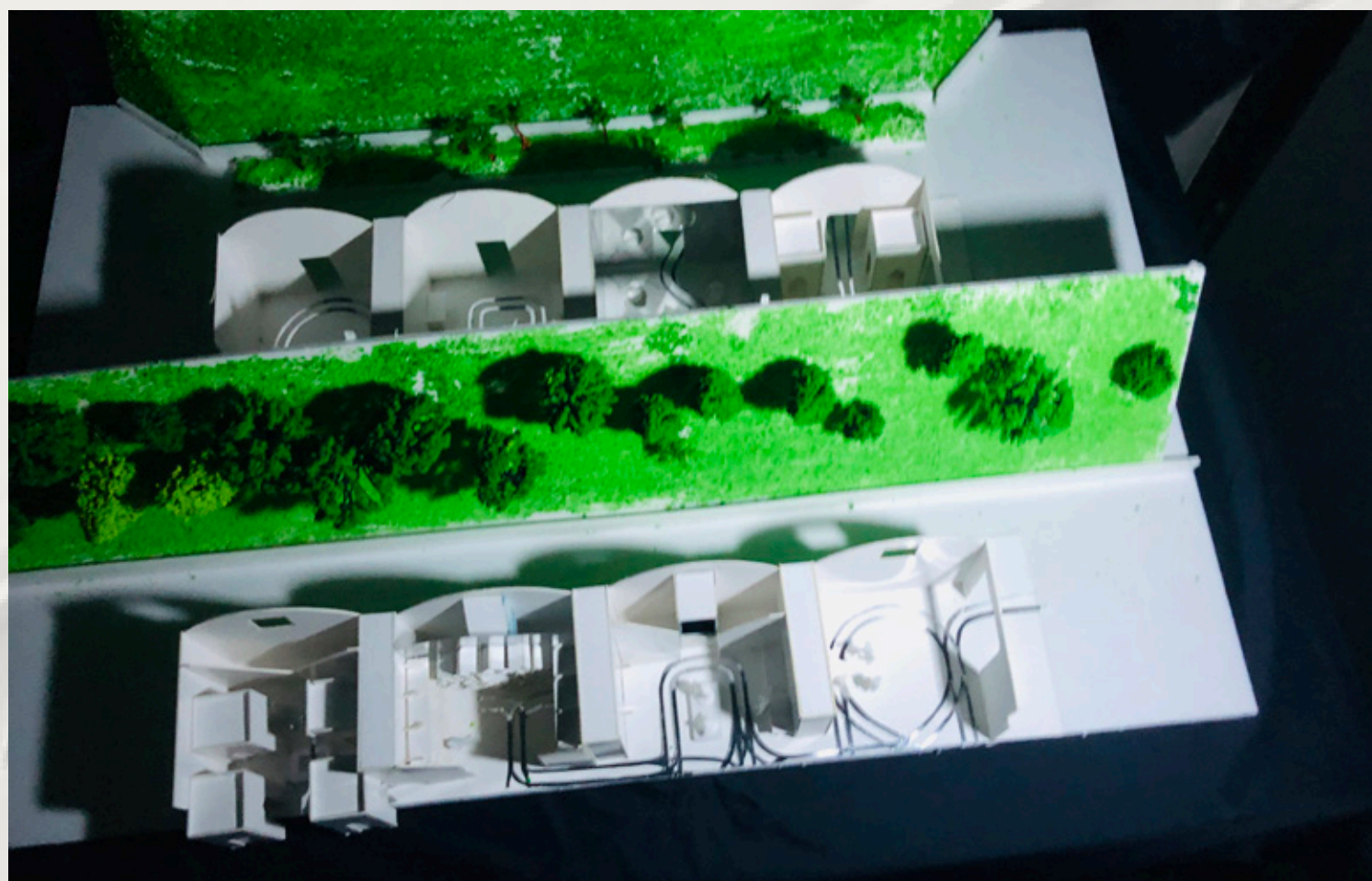
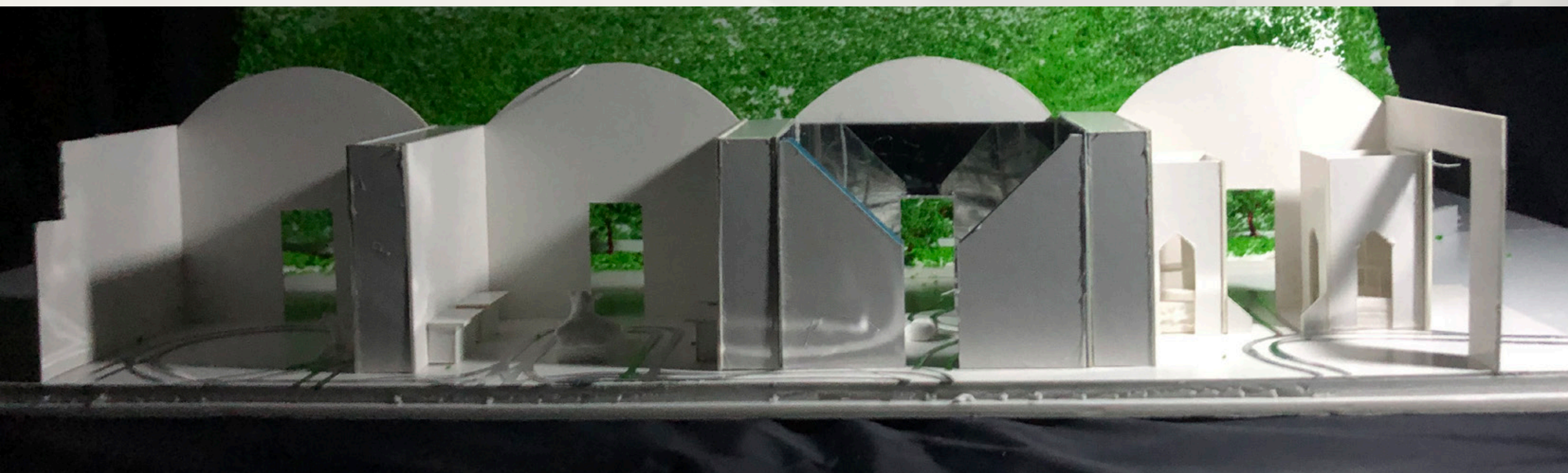


THE  
**MODEL  
STUDY**  
DESIGN PROJECT AT ASIA SOCIETY







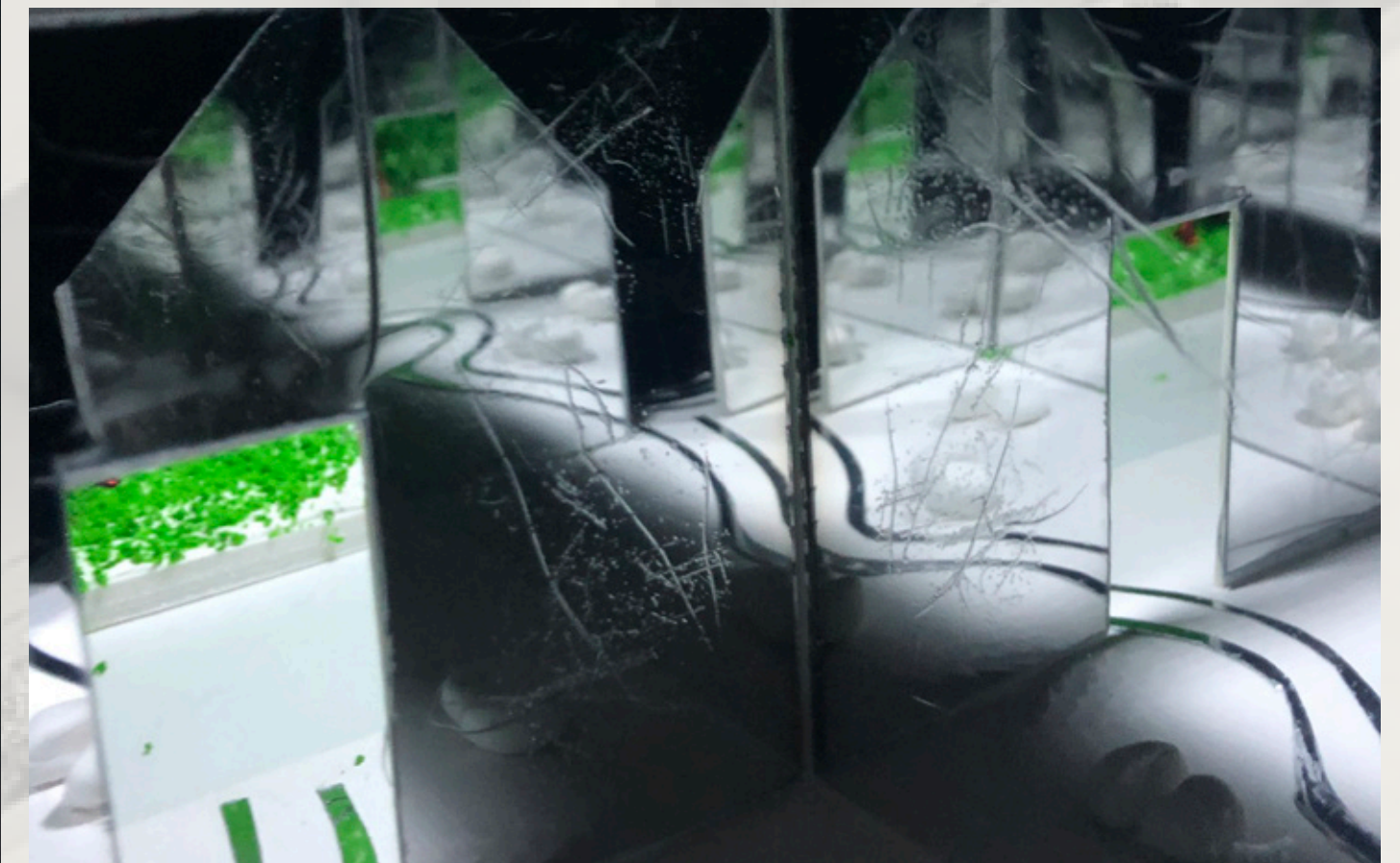
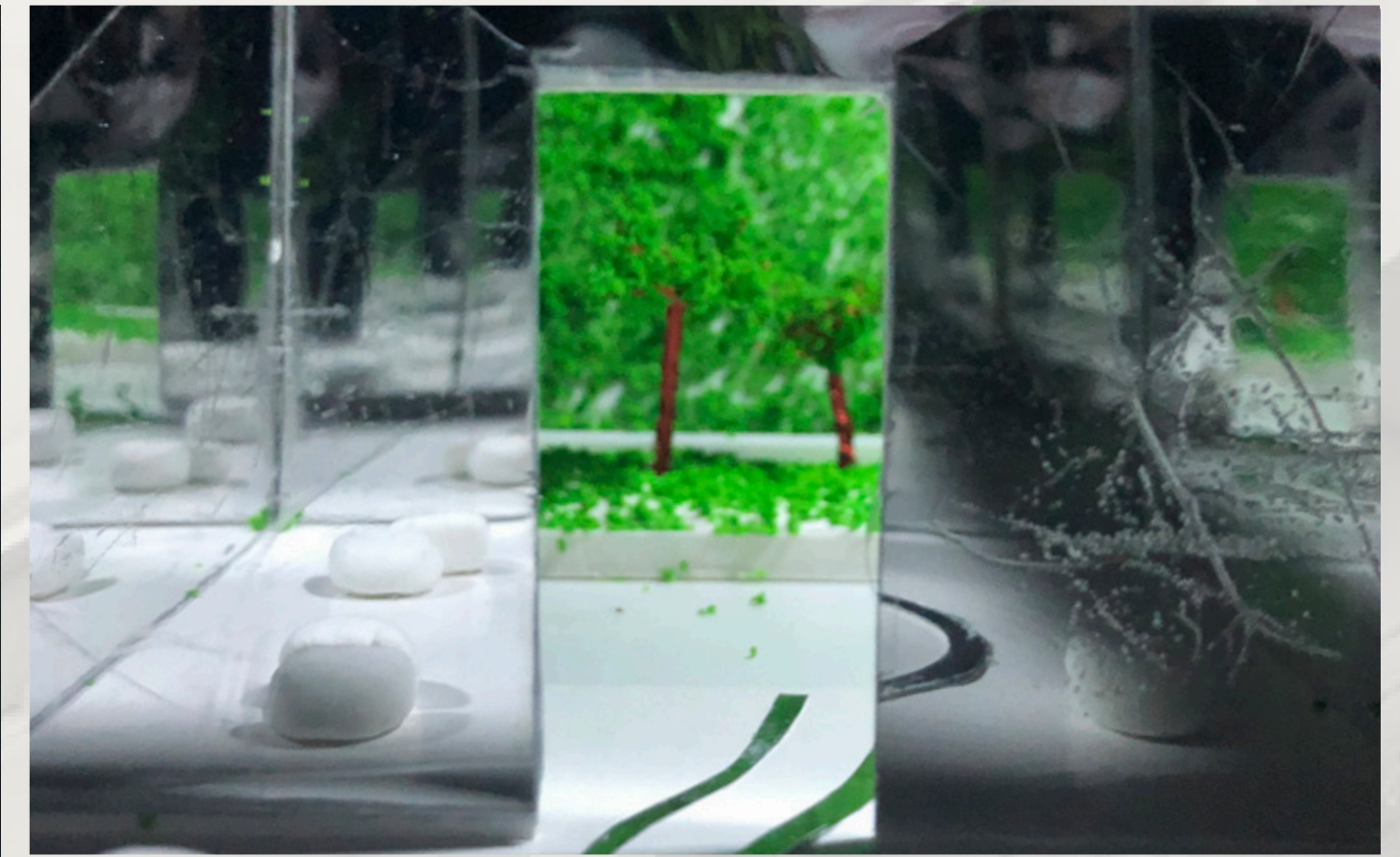




## DEFINE AREA

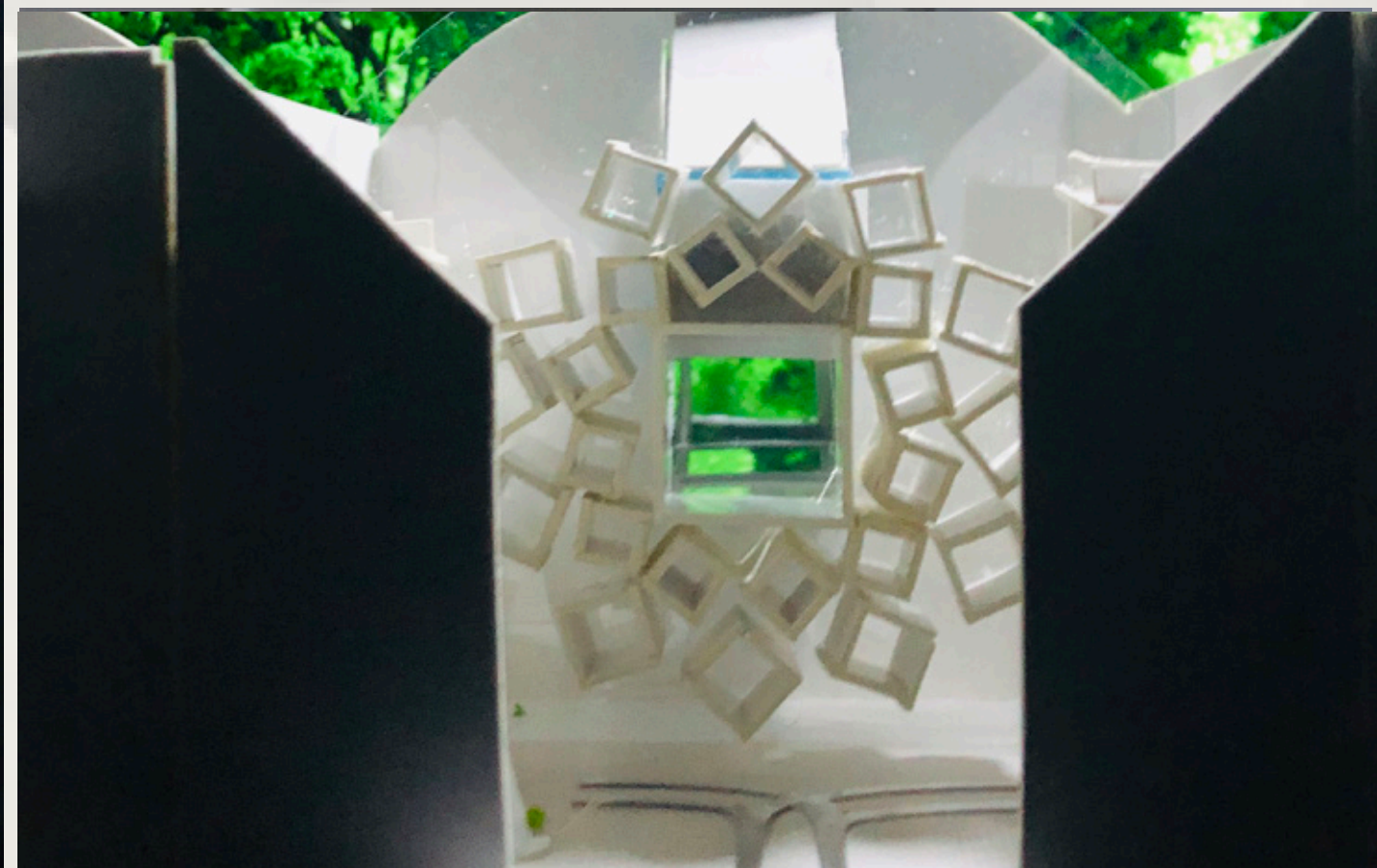
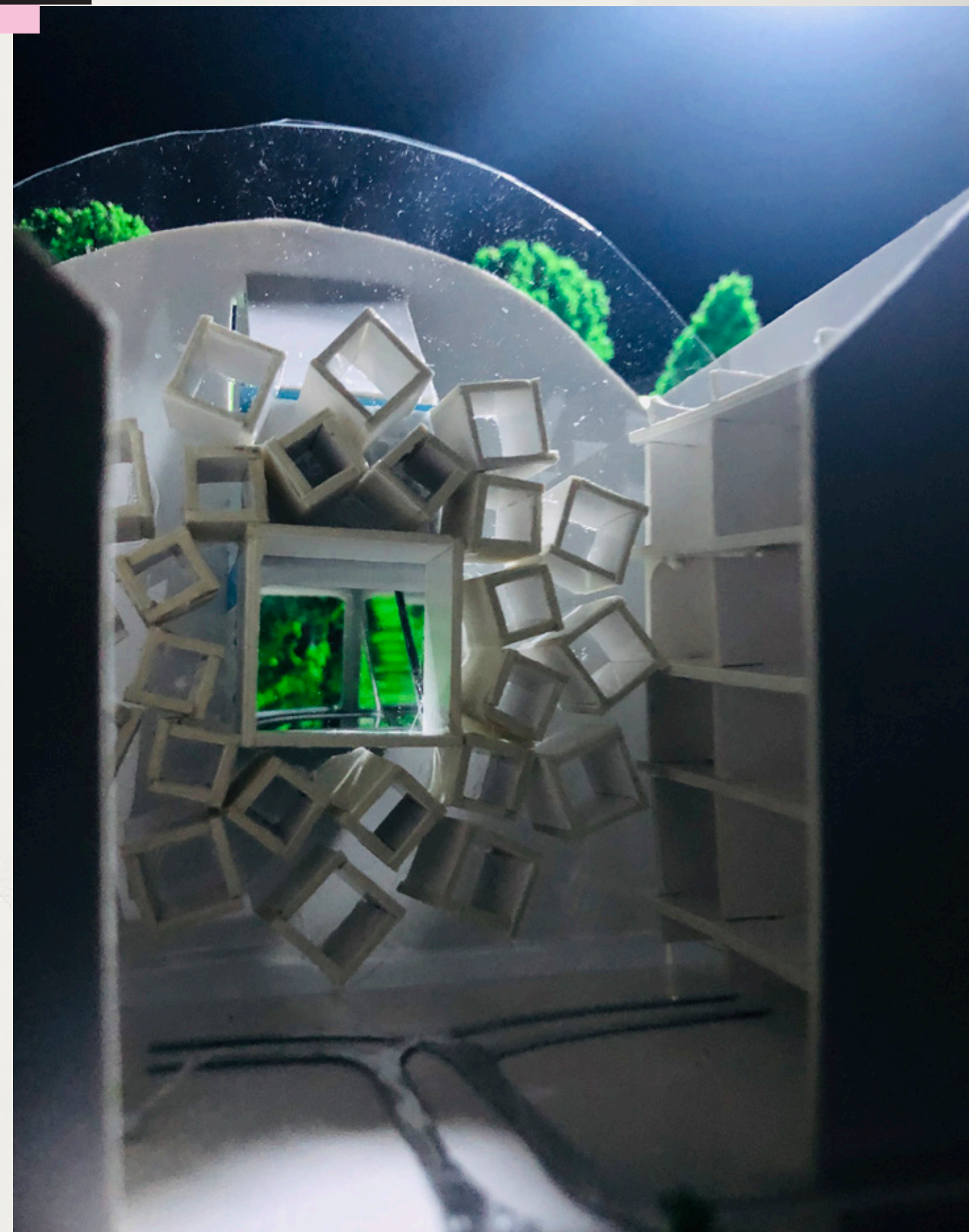


## IDEATE AREA

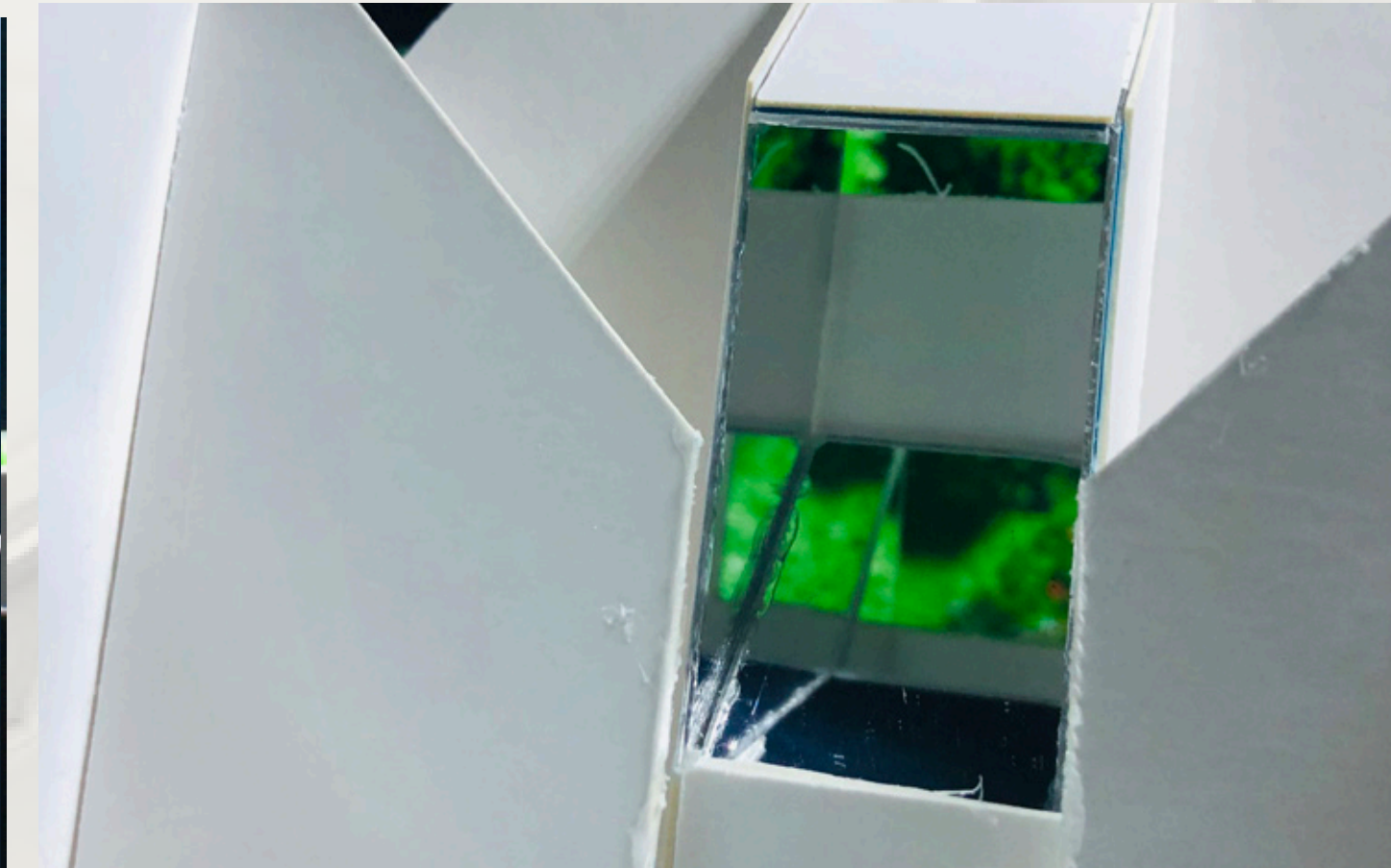




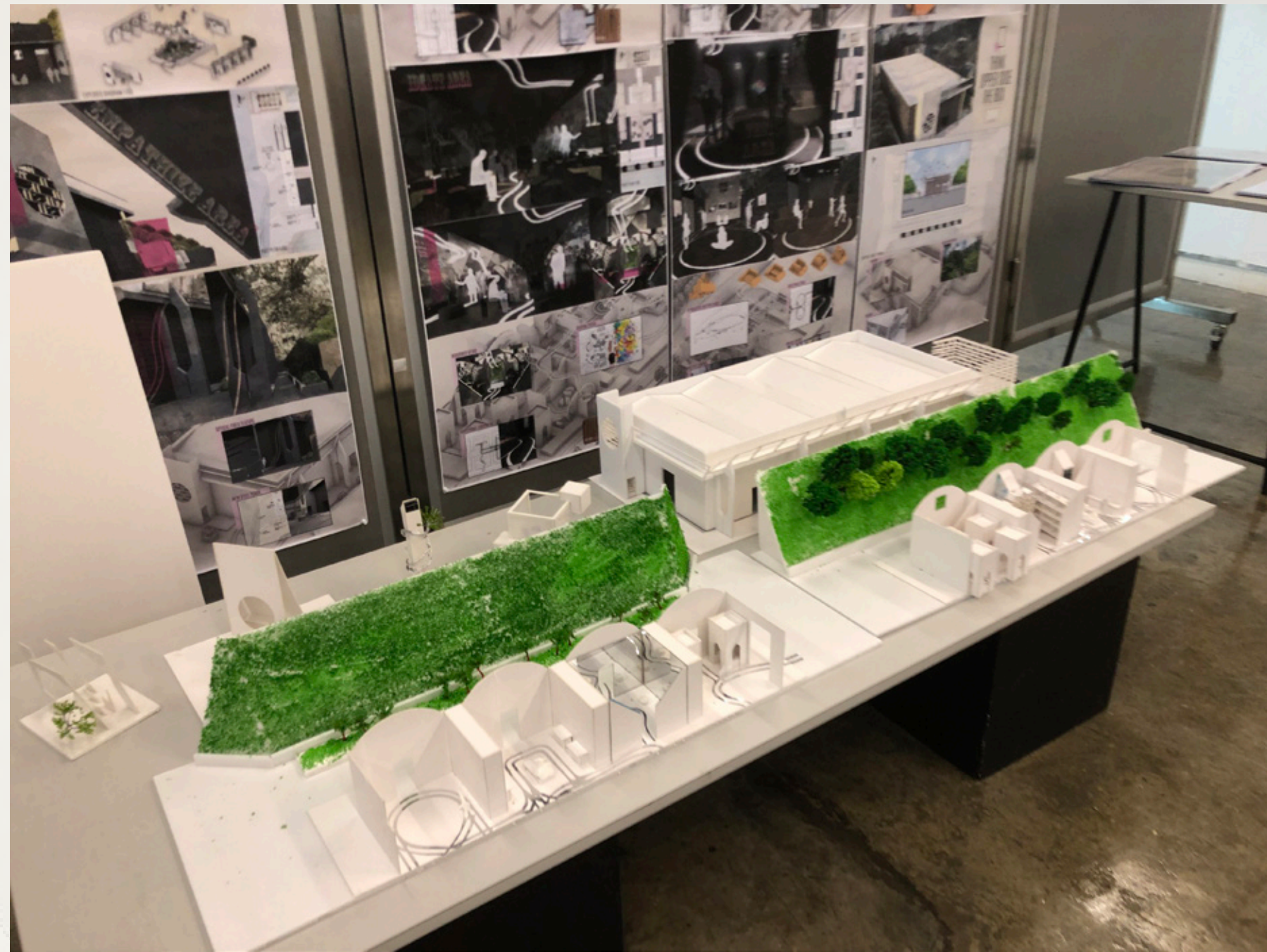
# PROTOTYPE AREA



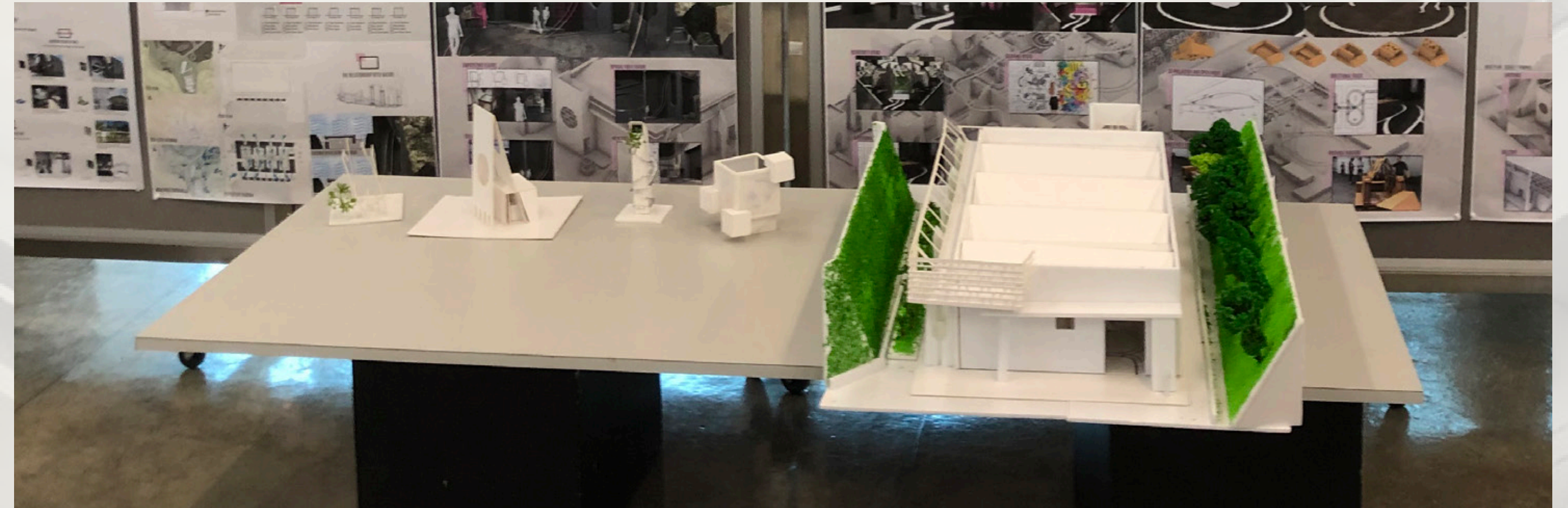
# PROTOTYPE AREA







THE  
**FINAL  
 PRESENTATION**  
 DESIGN PROJECT AT ASIA SOCIETY







# OUTSIDE THE BOX

DESIGN PROJECT AT ASIA SOCIETY



