

Huizhong SUN

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+1 (401) 489-6016

Education

| | |
|-----------------|---|
| 09/2015-06/2017 | Master of Architecture, Department of Architecture Rhode Island School of Design(RISD), Providence, US |
| 09/2009-06/2014 | Bachelor of Architecture, Department of Architecture Southeast University, Nanjing, China |

Work Experience

| | |
|-----------------|--|
| 11/2017-current | Associate, Handel Architects, New York, US - SD, DD, CD phases of an 29-story residential building, New York - CD phase of a 29-story mixed-use building, New York - SD phase of a 26-story mixed-use building, Crystal City |
| 07/2014-06/2015 | Junior Architect, Neo Design Inc. Nanjing, China - Schematic design of an exhibition center for Global Wood Trade Conference, Wuhan, China - Prototype design of Movilla, a mobile, multi-purpose space solution, Nanjing Cultural Weekend in the London Design Festival |
| 11/2013-02/2014 | Intern, gmp Architekten, Shanghai, China - Assisted in DD Phase of Nanjing Civic Center, modeling, rendering and developing design details |
| 07/2013-10/2013 | Intern, East China Architectural Design & Research Institute (ECADI) - Assisted in acoustic design for Suzhou Industrial Park Sports Center, drawing acoustic insulation details |

Software Skills

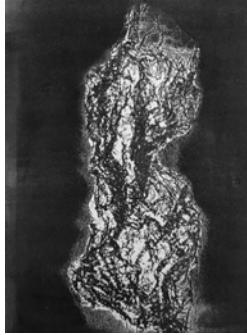
| | |
|----------------|--|
| Advanced level | Revit, AutoCAD, Rhino(Grasshopper, Archsim + DIVA, Ladybug), Vray for Rhino, Adobe Suite(Photoshop, InDesign, Illustrator) |
| Well-skilled | Javascript, C++, Python |

Additional Experience

| | |
|-----------------|---|
| 07/2019 | Reimaging the Kiosk, Socrates Sculpture Park, NYC - Selected in the publication for Folly/Function Competition entries |
| 09/2018 | The STEAM Public Art Exhibition, Voices of Pensacola Multicultural Center - Selected as one of the ten semifinalists for UWF STEAM public art project. |
| 09/2016-12/2016 | Research Assistant with Professor Peter Tagiuri, RISD - Collected information of cardboard architecture |
| 07/2016 | Printmaker, Le Goût Workshop, Richelieu, France - worked on Monotype, etching, aquatint, linocut |
| 02/2016-05/2016 | GRAD Show Coordinator with Professor Hansy Better, RISD - designed and made wood frames for the exhibition |
| 12/2015 | Performer with Composer Michael Harrison, RISD Museum - choir member in an interdisciplinary performance of Terry Riley's 'In C' |
| 12/2012 | Surveyor, Hailongtun Fortress, Southwest China - surveyed the archaeological site with 3d scanners for a later recover design |

A Leap

Huizhong Sun
nyc, 2020



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Recovery Program for Hailongtun Relics

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A Swimming Pool,
An exhibition center
A winery
A civic center

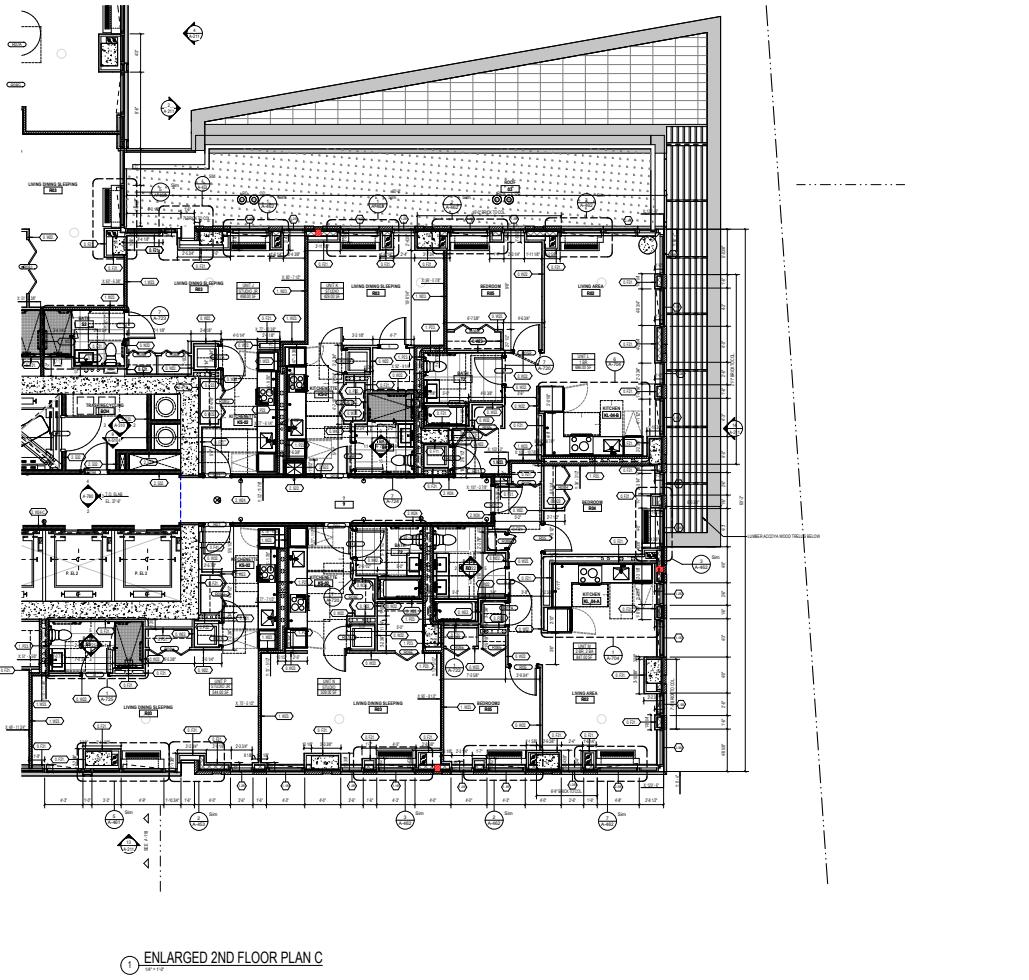
Artistic Approach

Painting and Printmaking
Public Art

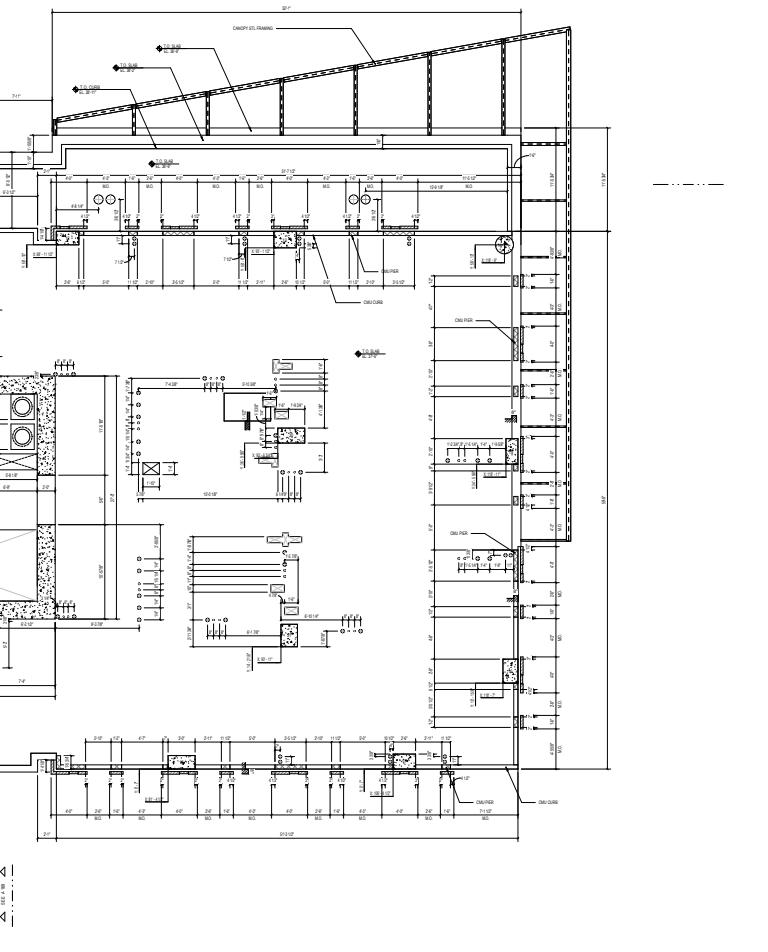
Professional Works

My work scope at Handel is ranging from zoning, planning, exterior design and detailing, interior design, to energy analysis and egress check. Basically I actively participate in every aspect of a complete drawing set. Learning step by step as a new grad, I gradually take more responsibility to keep the ownership of foundation and exterior details, edge of slabs, window and door schedules, RCPs, ENs, EGs. I also prepare either renderings, full scale drawings for design meetings or markups for weekly coordination meetings. Here are some work samples from three previous projects in NYC.

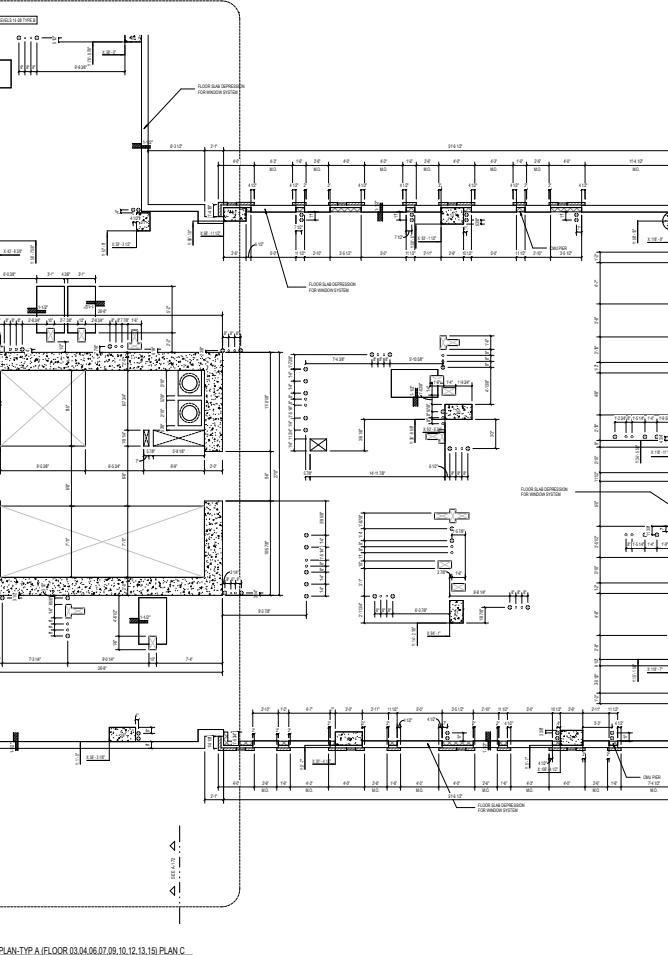
Fall 2017-Spring 2020 @ Handel Architects



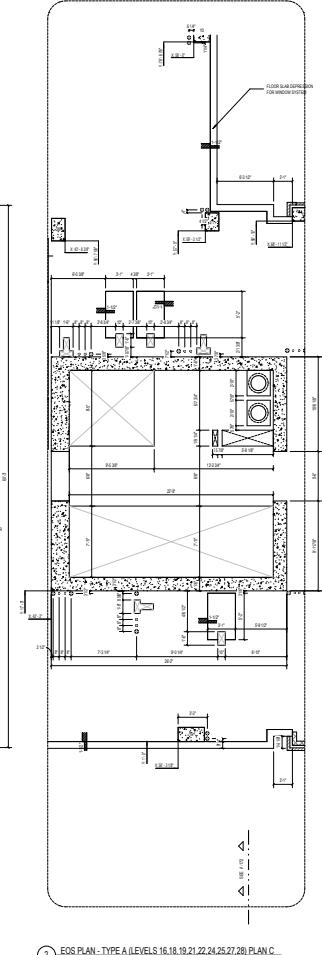
① ENLARGED 2ND FLOOR PLAN C
10'-0" x 10'-0"



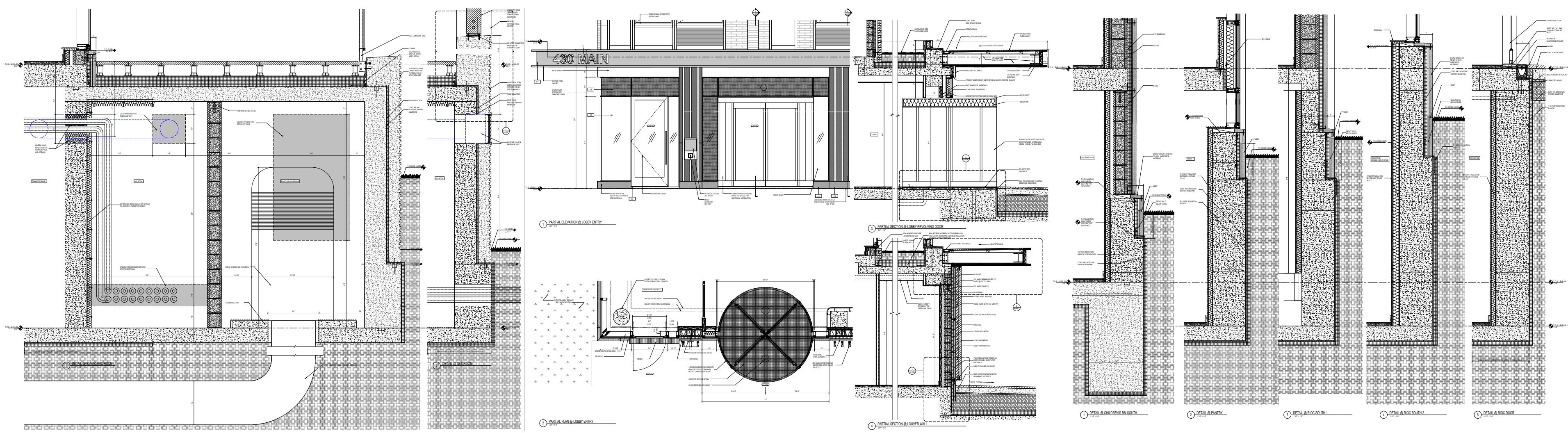
① EOS PLAN - LEVEL 02 PLAN C
10'-0" x 10'-0"

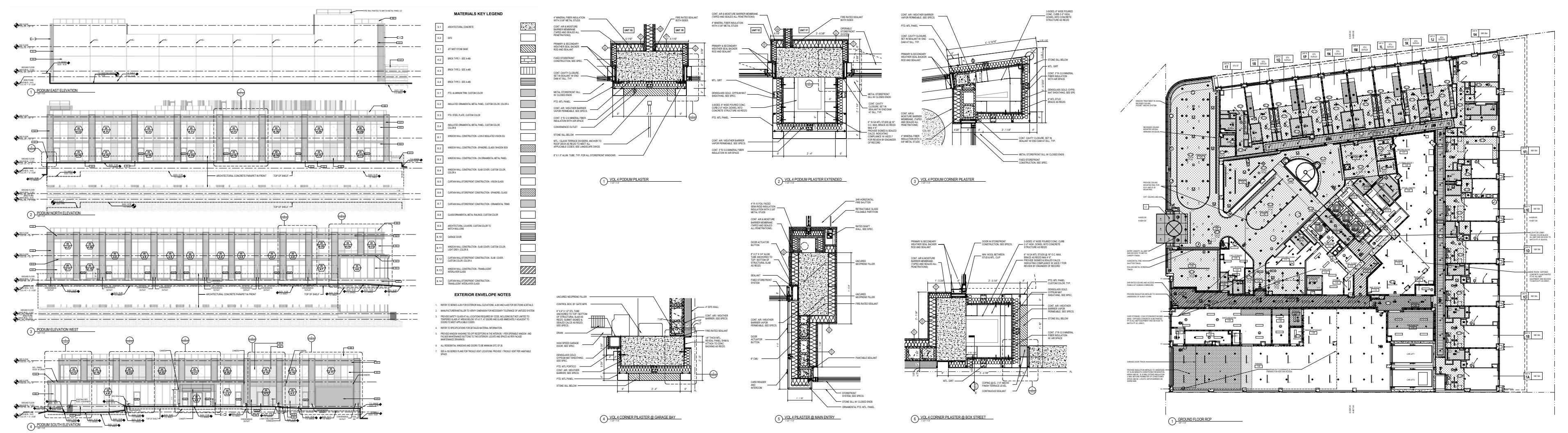


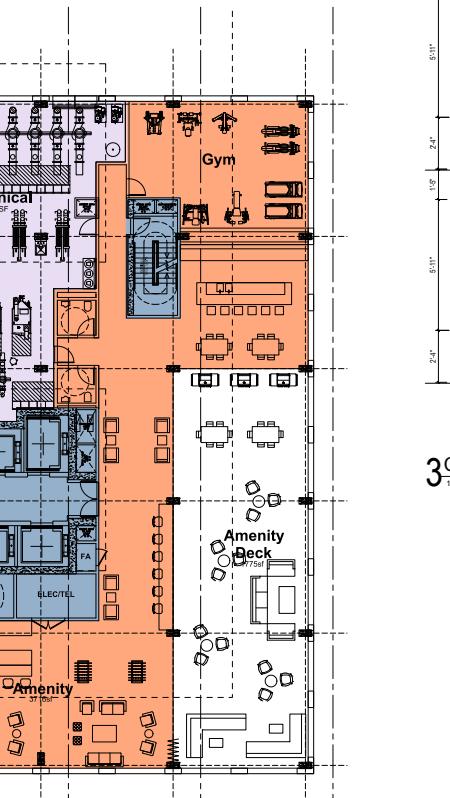
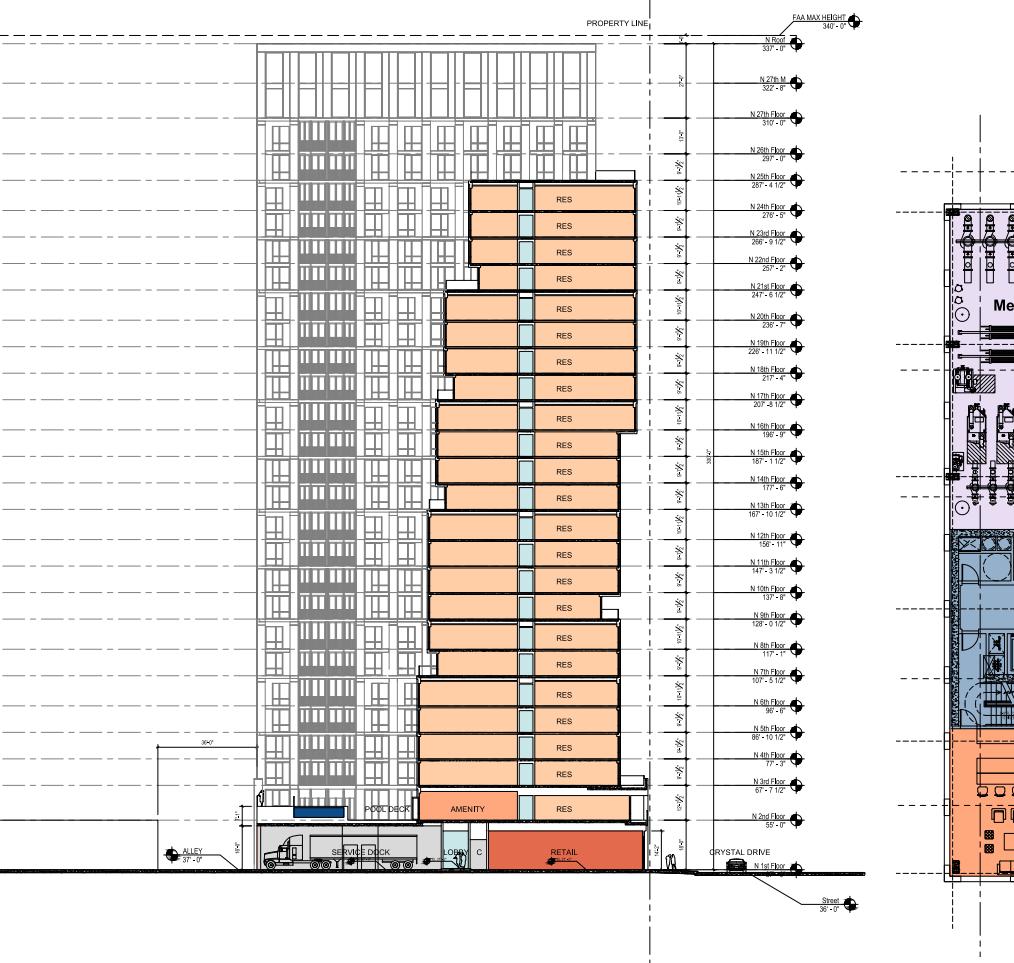
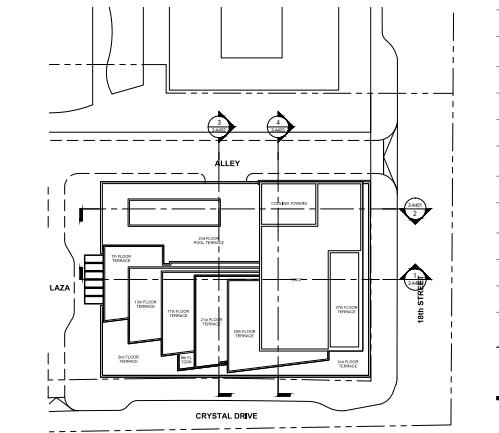
① EOS PLAN - TYP A (FLOOR 03,04,06,07,09,10,12,13,15) PLAN C
10'-0" x 10'-0"



② EOS PLAN - TYPE A (LEVELS 16,18,19,21,22,24,25,27,28) PLAN C
10'-0" x 10'-0"



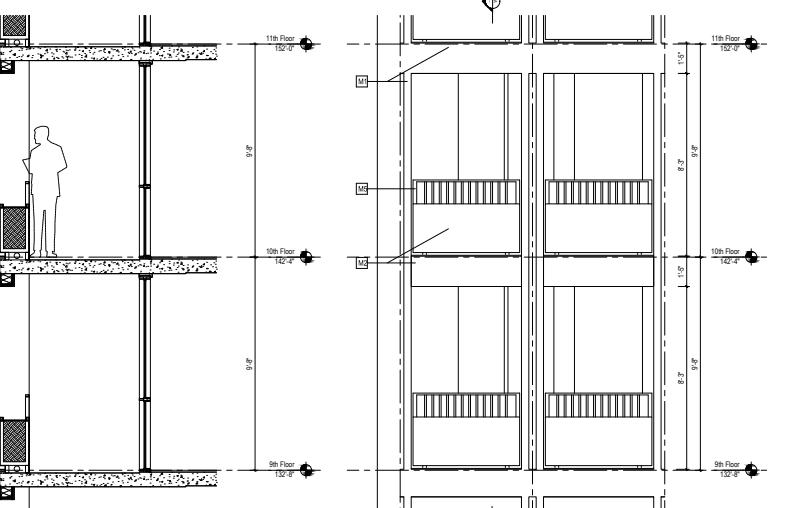




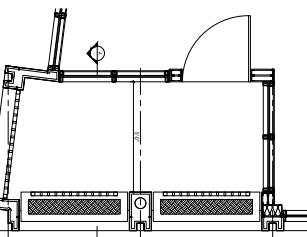
3 CASCADING BALCONY SECTION A
1/2" = 1'-0"

MATERIAL LEGEND

| |
|---|
| B1. BRICK #1: DARK GRAY, NORMAN, RUNNING BOND |
| B2. BRICK #2: LIGHT GRAY, NORMAN, RUNNING BOND |
| B3. BRICK #3: LIGHT GRAY, NORMAN, STACK BOND SOLDIERS |
| M1. METAL RAILING #1: DARK BRONZE |
| M2. METAL RAILING #2: DARK BRONZE |
| M3. METAL RAILING #3: DARK BRONZE |
| M4. METAL RAILING #4: DARK BRONZE |
| M5. METAL RAILING #5: DARK BRONZE |
| G1. GLAZING #1: DARK BRONZE |
| G2. GLAZING #2: LIGHT BRONZE |
| C. CANOPY: WOOD |



1 CASCADING BALCONY ELEVATION
1/2" = 1'-0"



2 CASCADING BALCONY PLAN
1/2" = 1'-0"

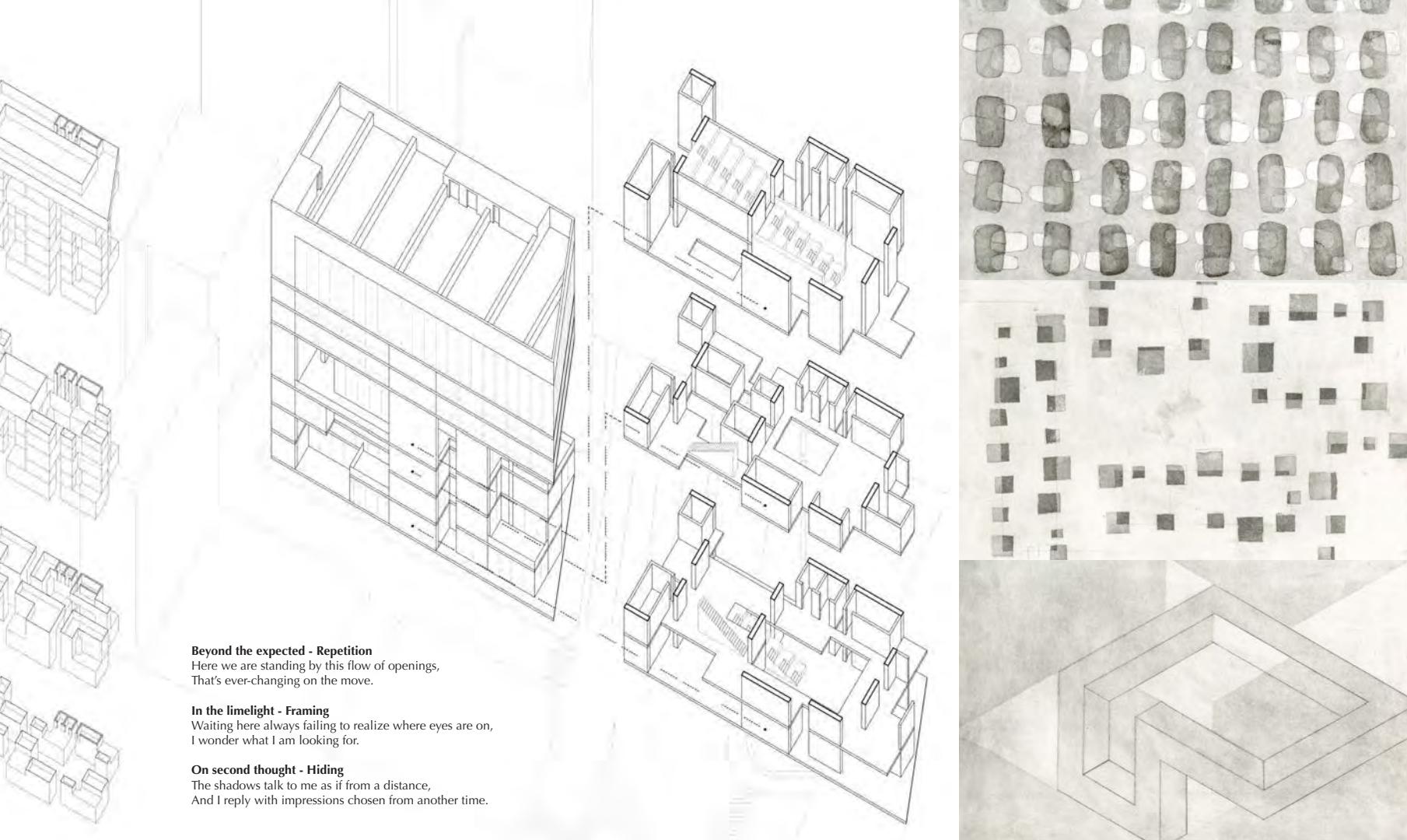




On the move

Architecture in limited volumes can introduce infinite spaces. Ordinary elements can generate new anticipations within changing events. Wandering back and forth in dramatically changing volumes can provide a different view to see others and oneself. Not being able to see the whole always leaves a space for imagination. The thesis aims to trigger a curiosity to move and change.

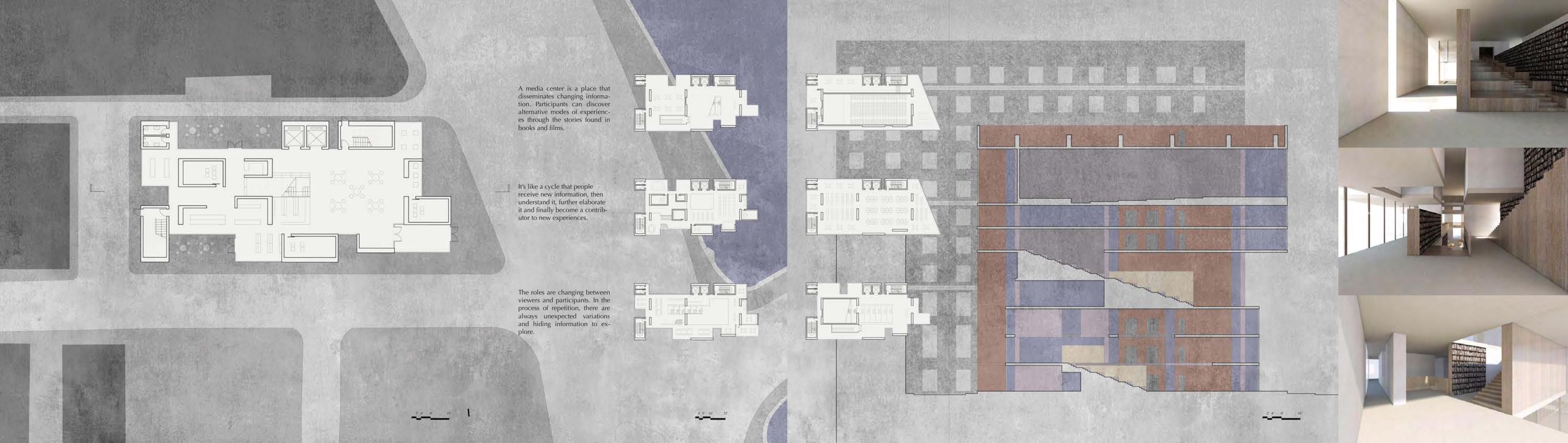
Fall 2016 @ RISD



Beyond the expected - Repetition
Here we are standing by this flow of openings,
That's ever-changing on the move.

In the limelight - Framing
Waiting here always failing to realize where eyes are on,
I wonder what I am looking for.

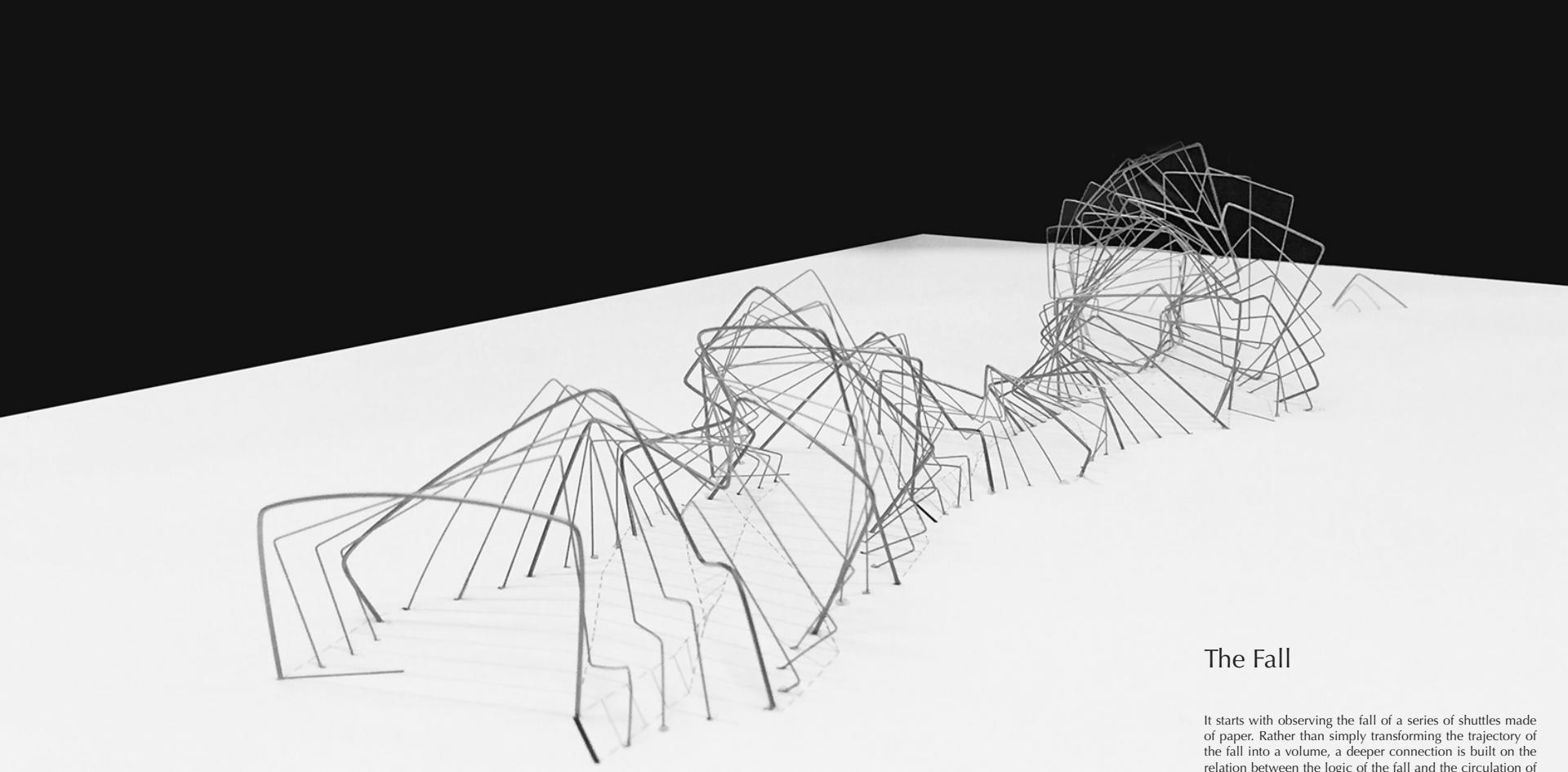
On second thought - Hiding
The shadows talk to me as if from a distance,
And I reply with impressions chosen from another time.



A media center is a place that disseminates changing information. Participants can discover alternative modes of experiences through the stories found in books and films.

It's like a cycle that people receive new information, then understand it, further elaborate it and finally become a contributor to new experiences.

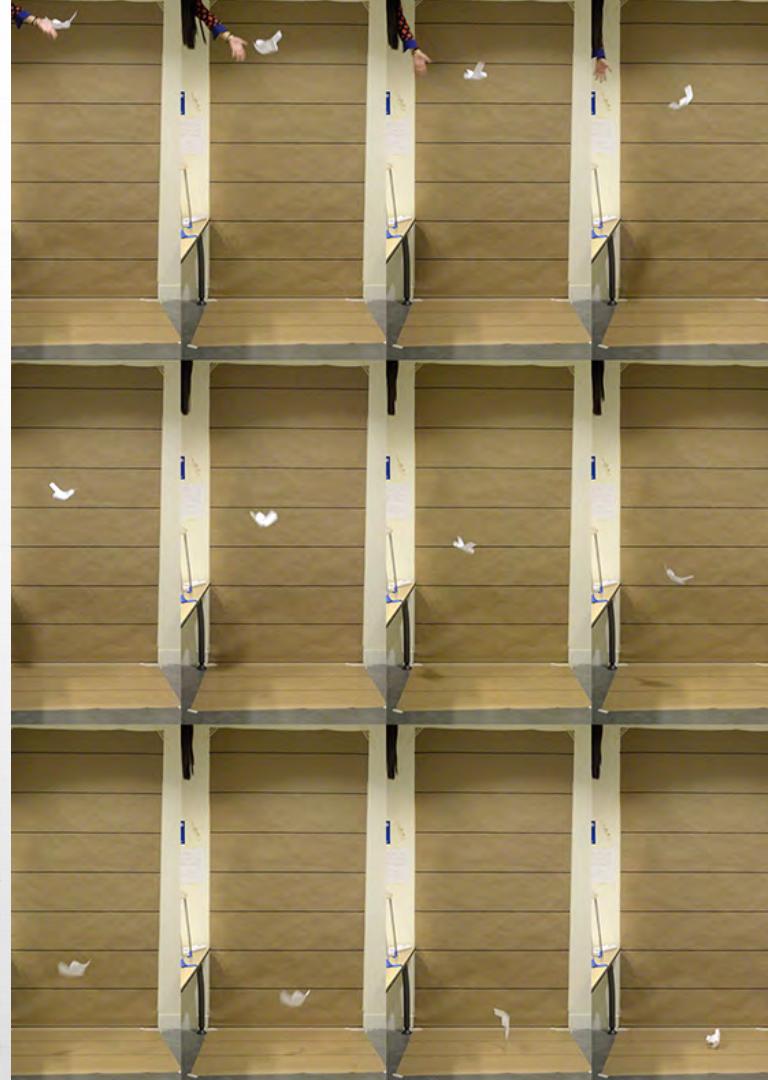
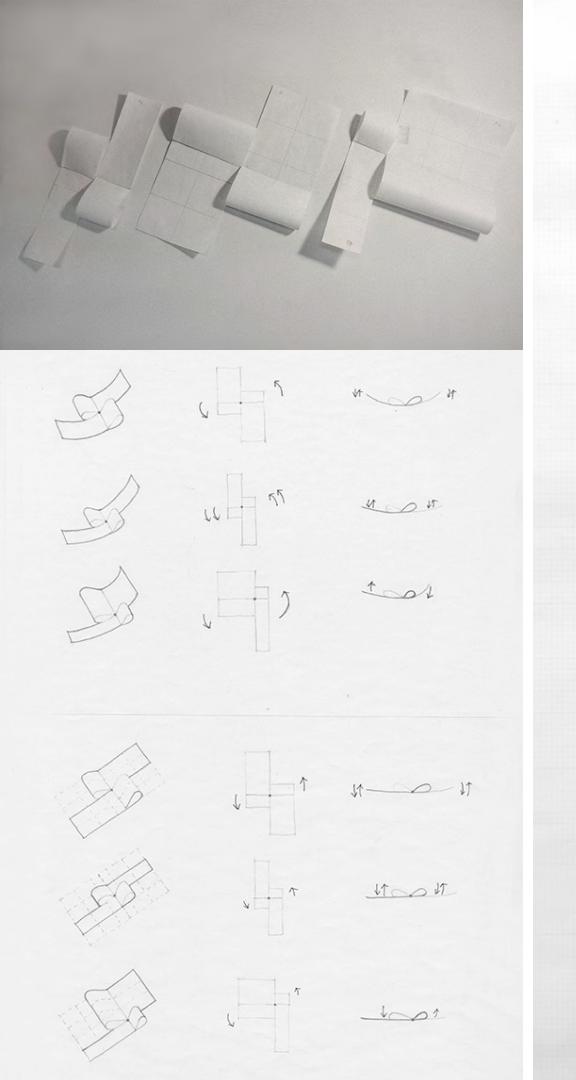
The roles are changing between viewers and participants. In the process of repetition, there are always unexpected variations and hiding information to explore.

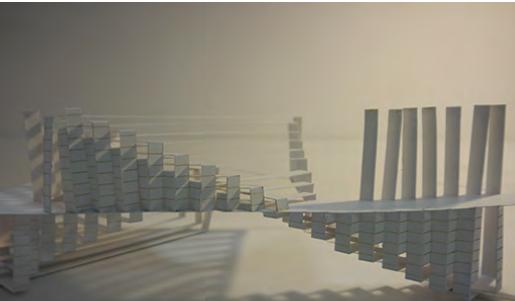
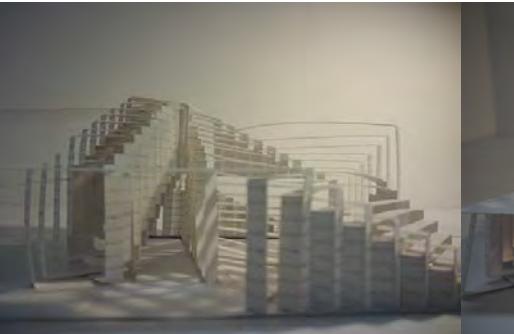
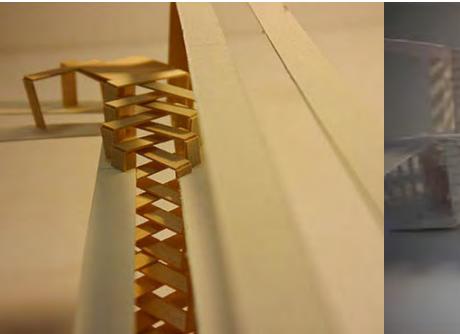
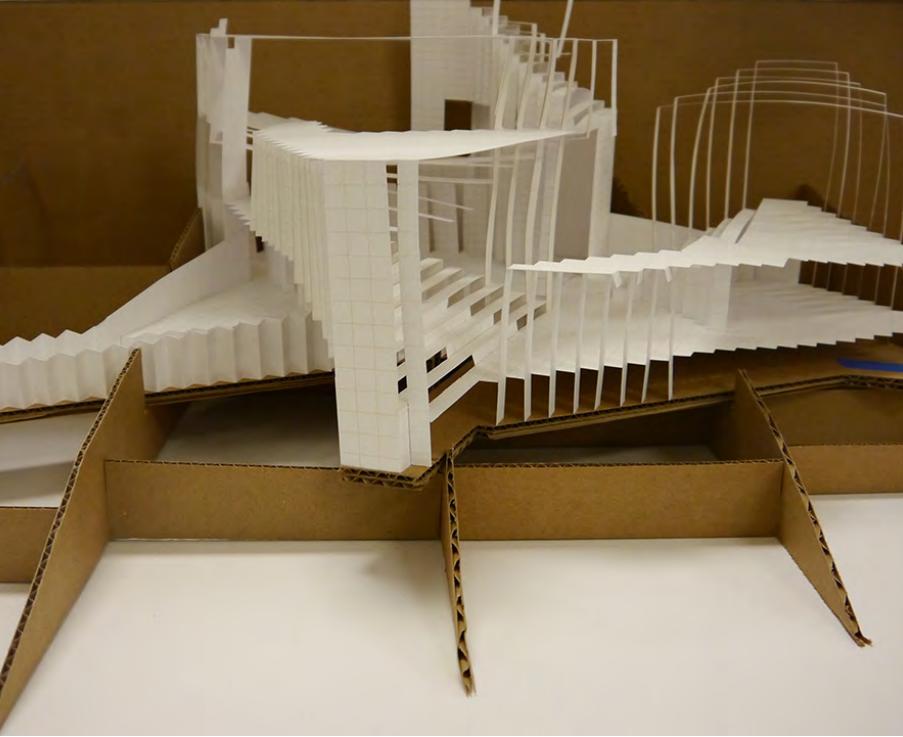
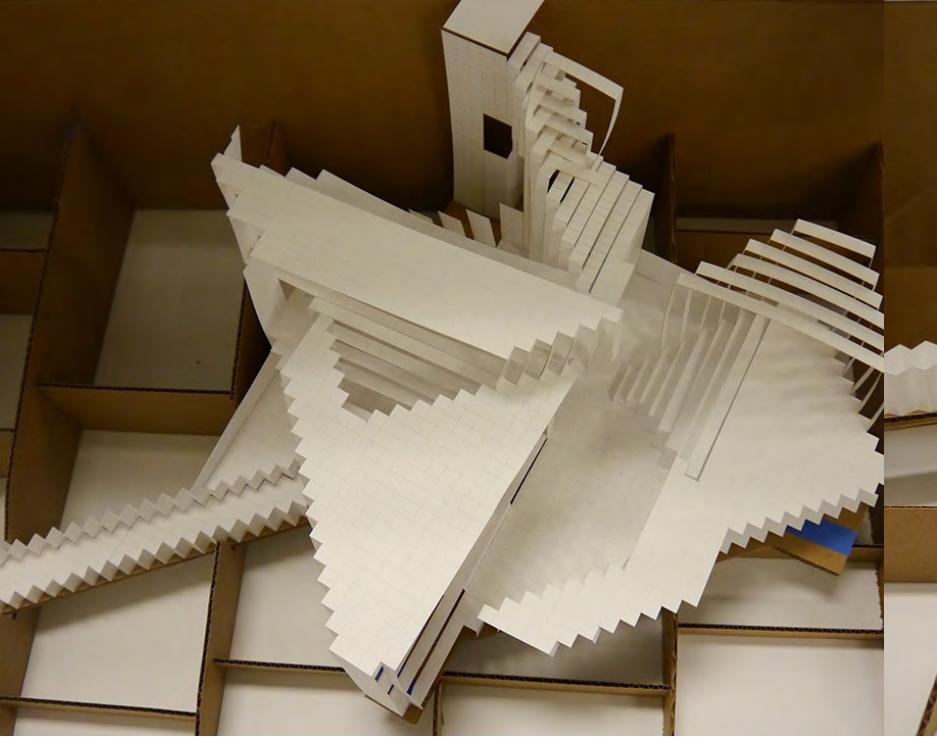
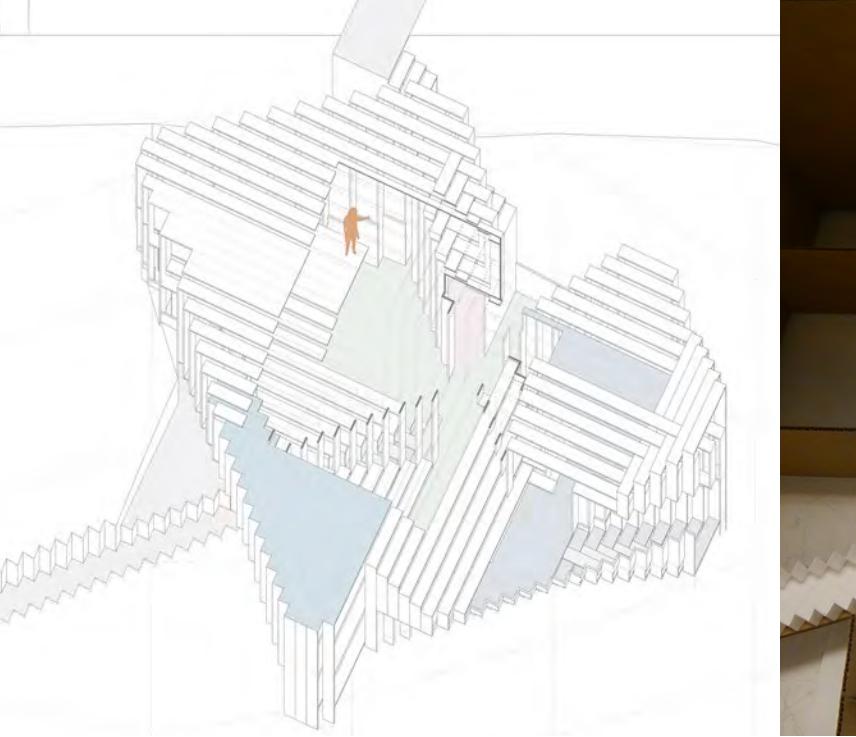
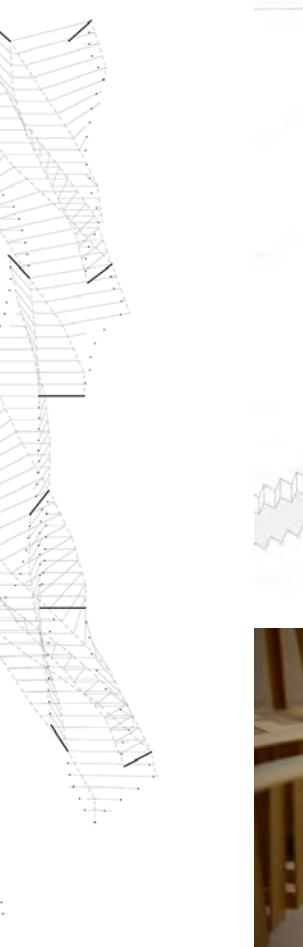


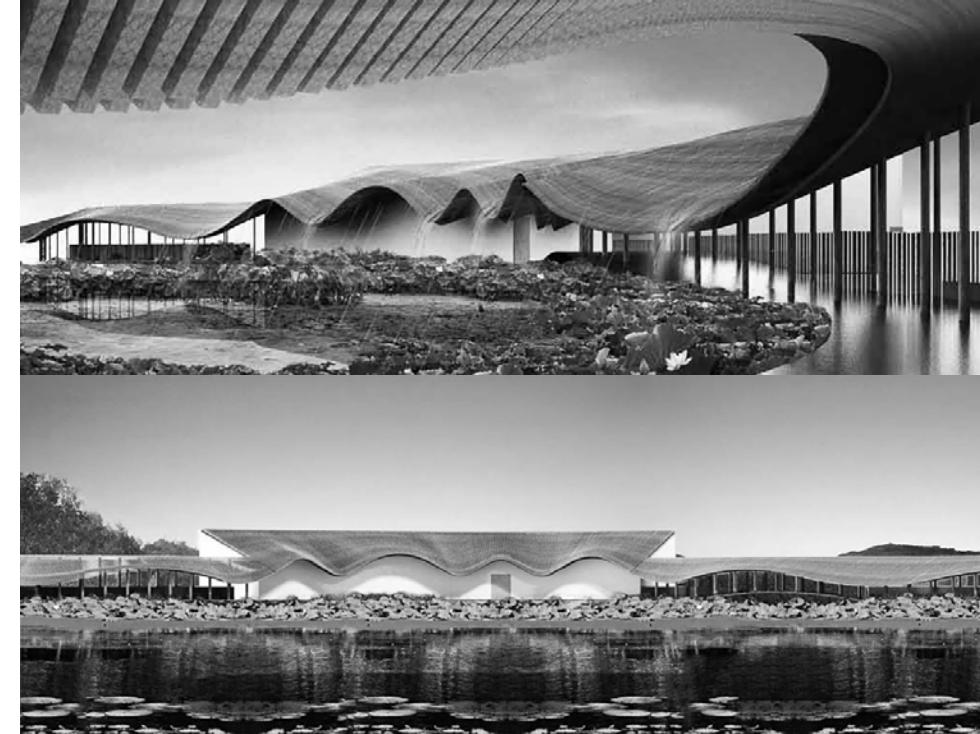
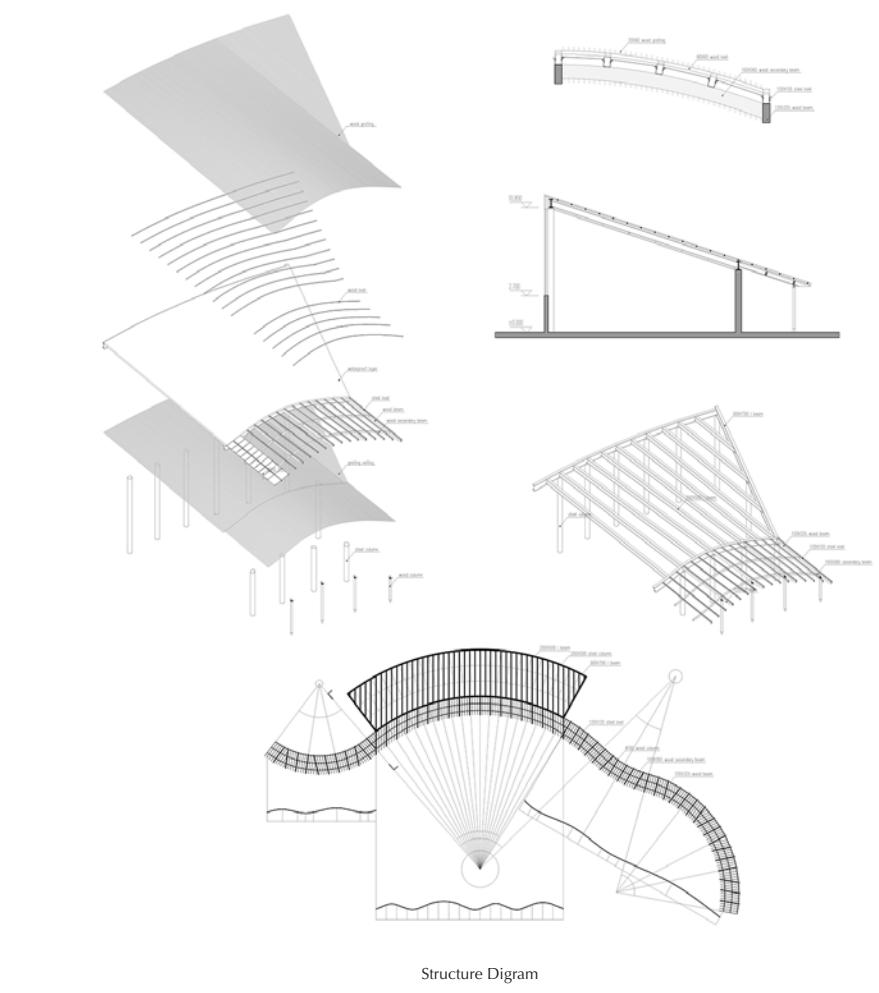
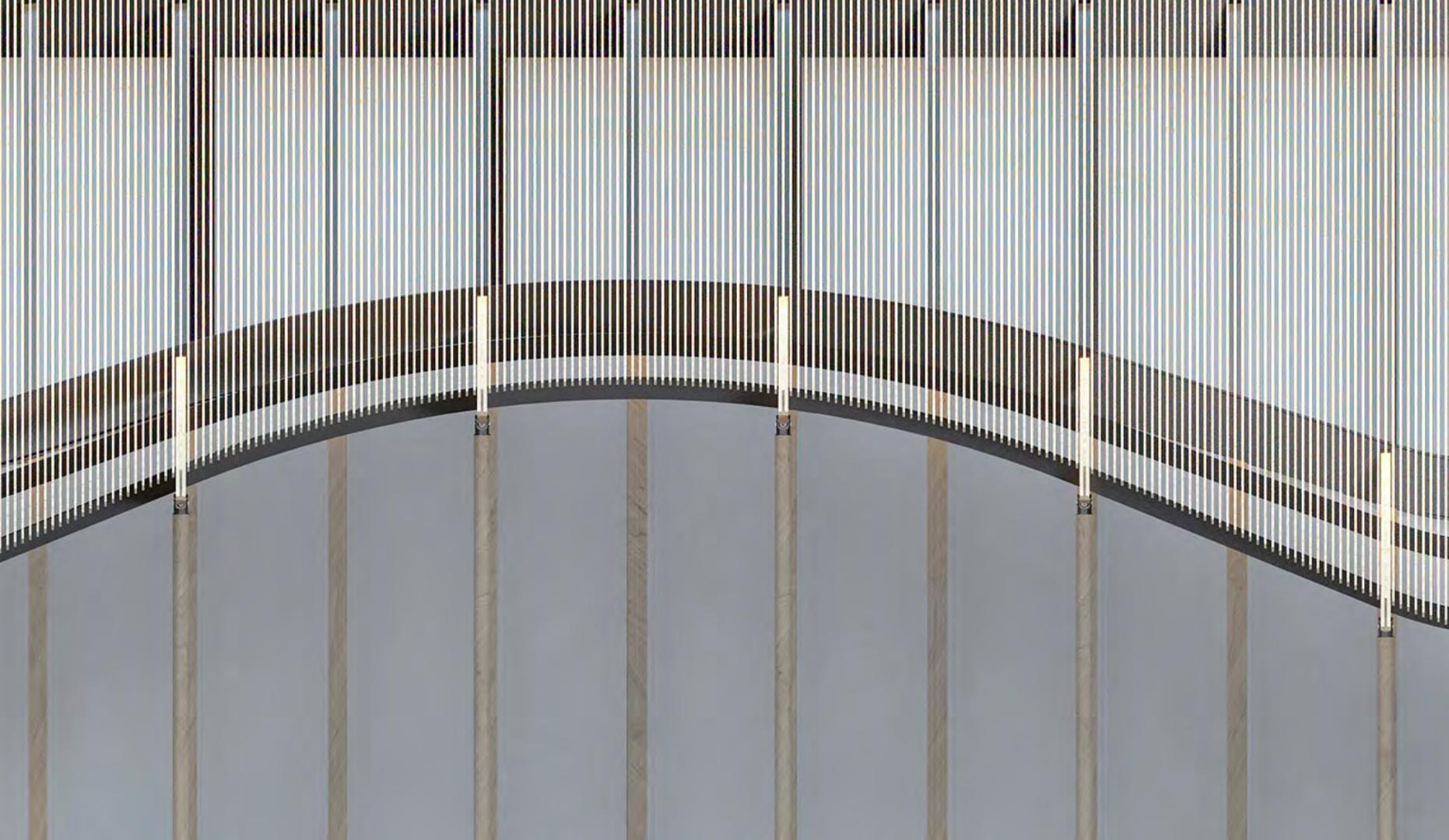
The Fall

It starts with observing the fall of a series of shuttles made of paper. Rather than simply transforming the trajectory of the fall into a volume, a deeper connection is built on the relation between the logic of the fall and the circulation of a shuttle maker's dwelling in terms of the structural type of stairs.

Fall 2015 @ RISD



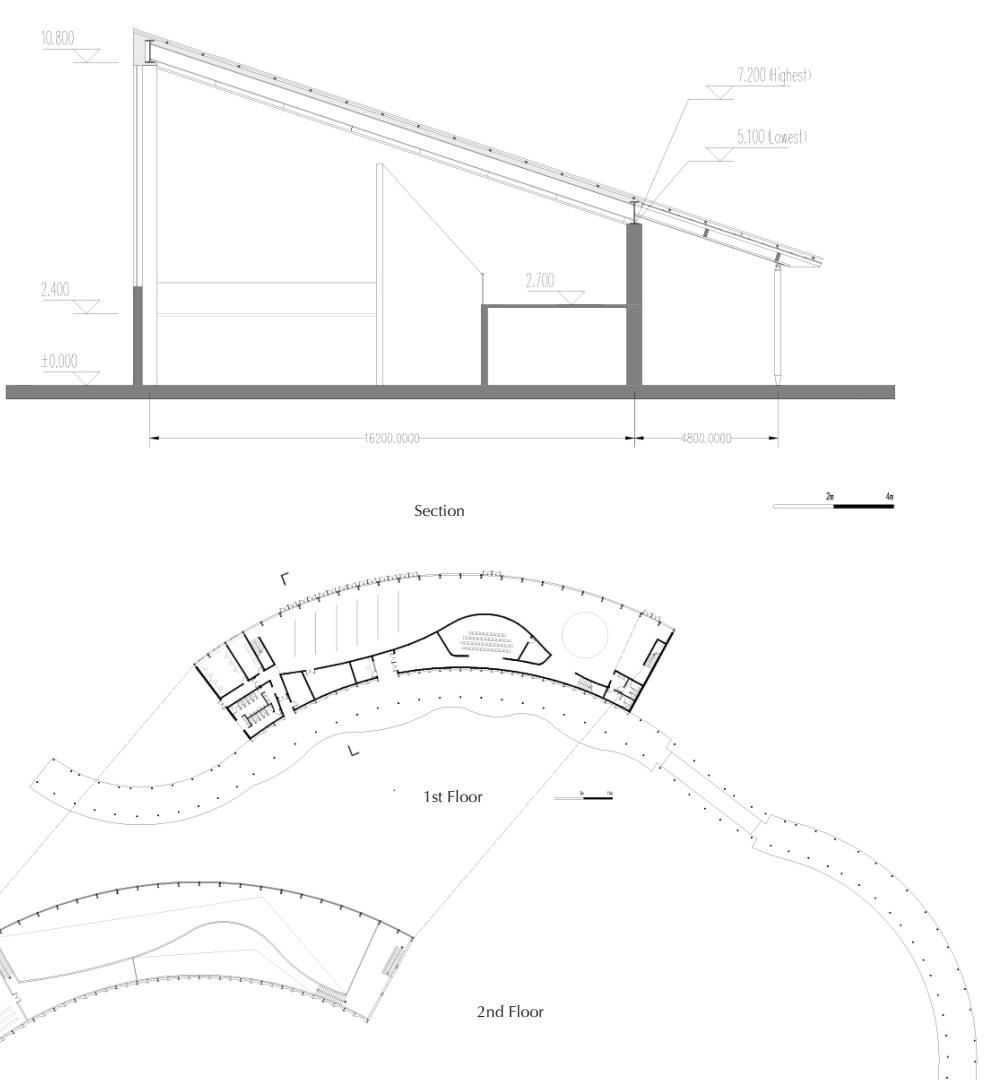




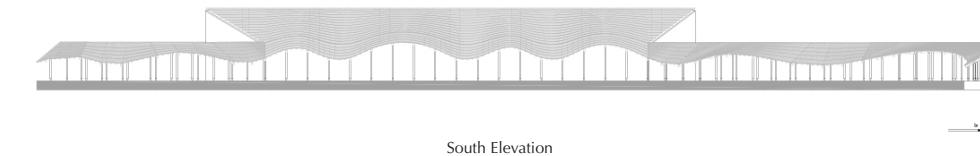
Finding the Place

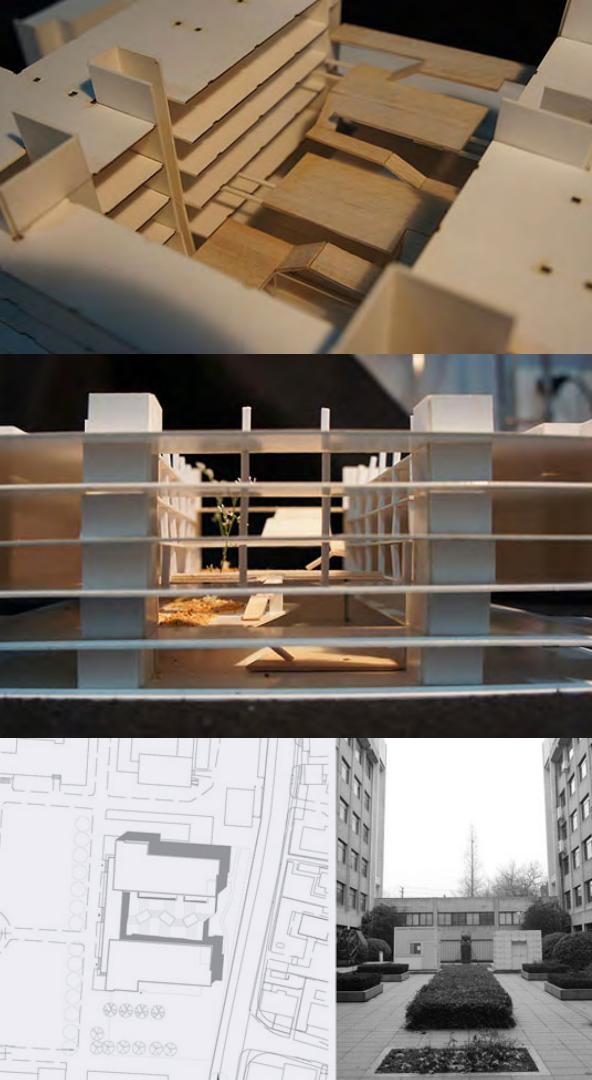
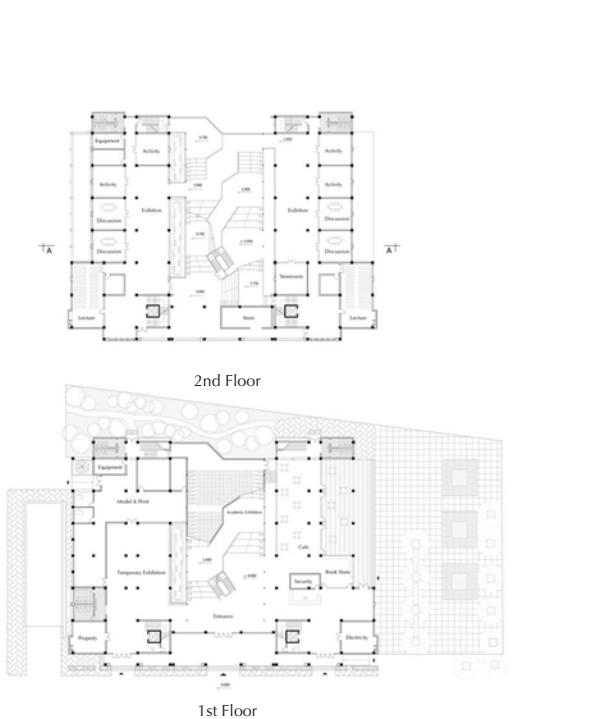
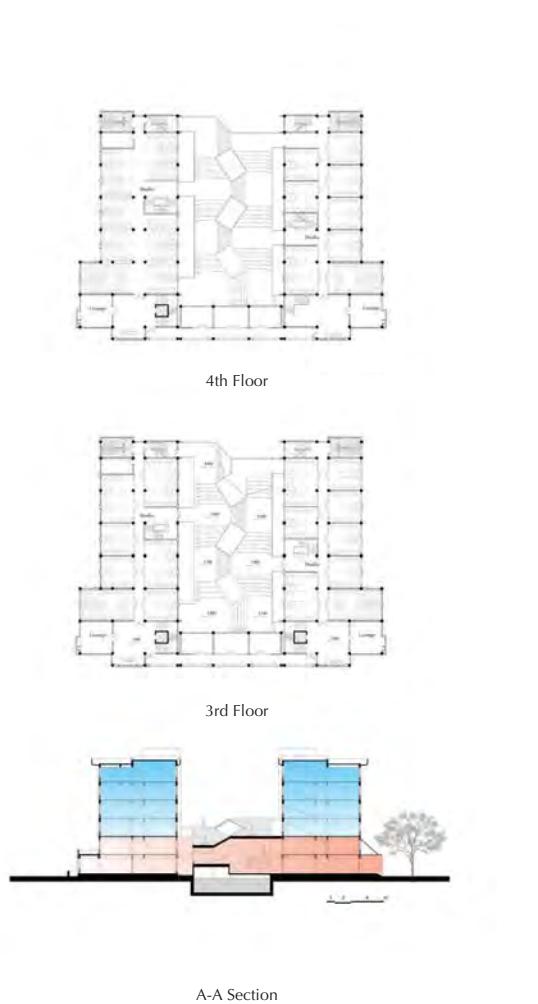
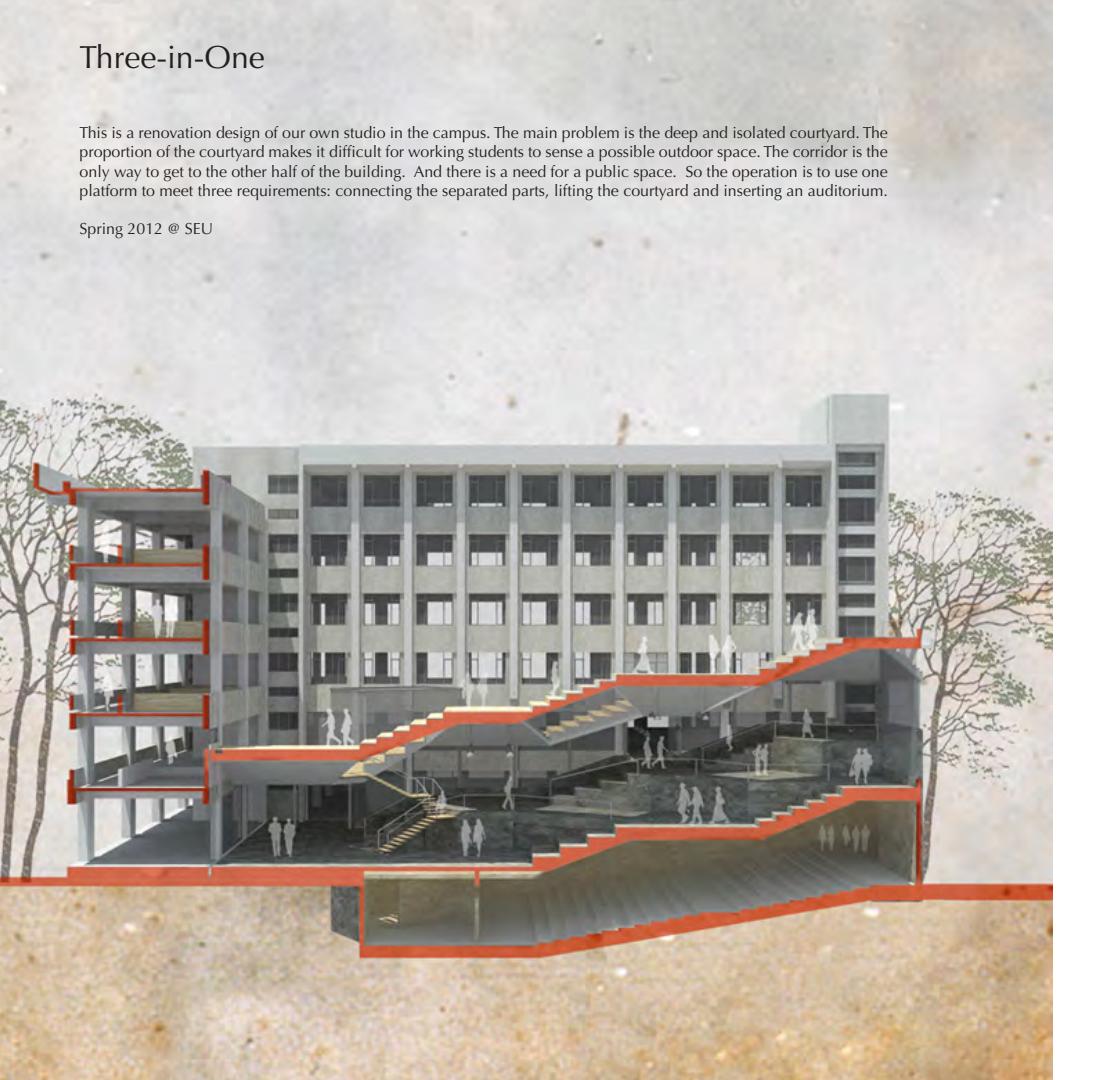
It is an exhibition center called LOTUS. As the name implies, it is supposed to be connected with the image of a lotus for the local fame of a lotus pond. A picture capturing a lotus leaf in a rainy day leaves us a hunting ground for ideas. Thus the curve becomes the bridge between a literal resemblance to a physical reality and a phenomenal recall to a soft and dynamic feeling. The building finds its place in the natural context and turns into the essential part of a whole new world.

Fall 2014 @ Neo Design



The main exhibition hall is filled with diffuse light though high-light windows in the north.

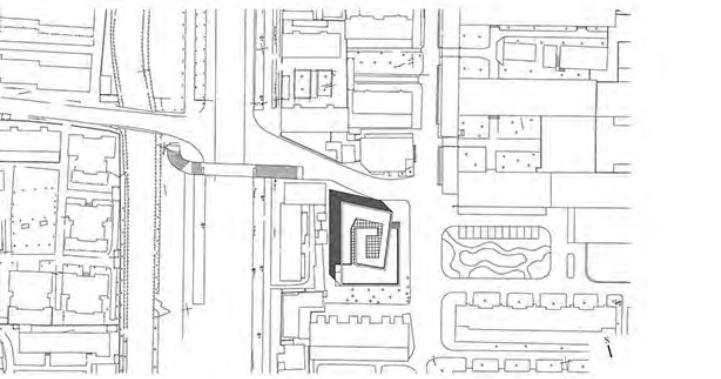




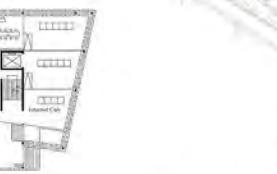
Rising Spiral

It has a beautiful and mixed surrounding. There is a small garden to its east; a college dormitory is to its north while to its south lays the residential area. As it is a community library, the main users could cover a long age span from the young to the elderly.

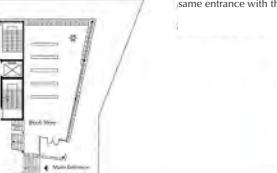
Spring 2011 @ SEU



7.25 Plan



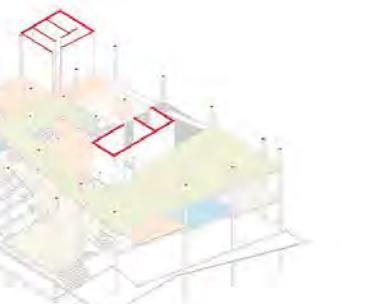
4.25 Plan



±0.00 Plan



-3.600 Plan



Function and Circulation

On the rising terrace are reading rooms of varied size in need of different privacy. Under the terraces are the administration offices with an independent entrance and a bookstore facing the street. The study rooms are arranged underground and share the same entrance with the main hall.



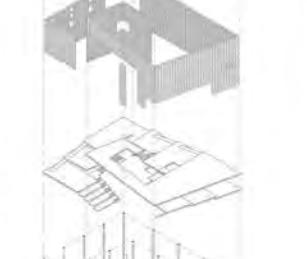
Stairs close to the inner spiral bookcases are designed as the main route with several openings to each terrace for readers to pass through. When the readers need to go directly for a book after an inquiry at the information desk, they may use the elevator and staircase in the core.



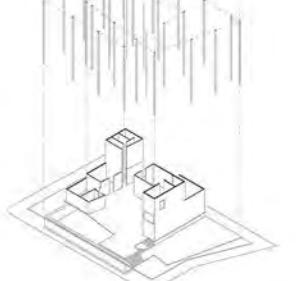
The terraces make it a problem to move books. So some slopes are arranged close to the bookcases for the convenience of the librarians.



01



02



02

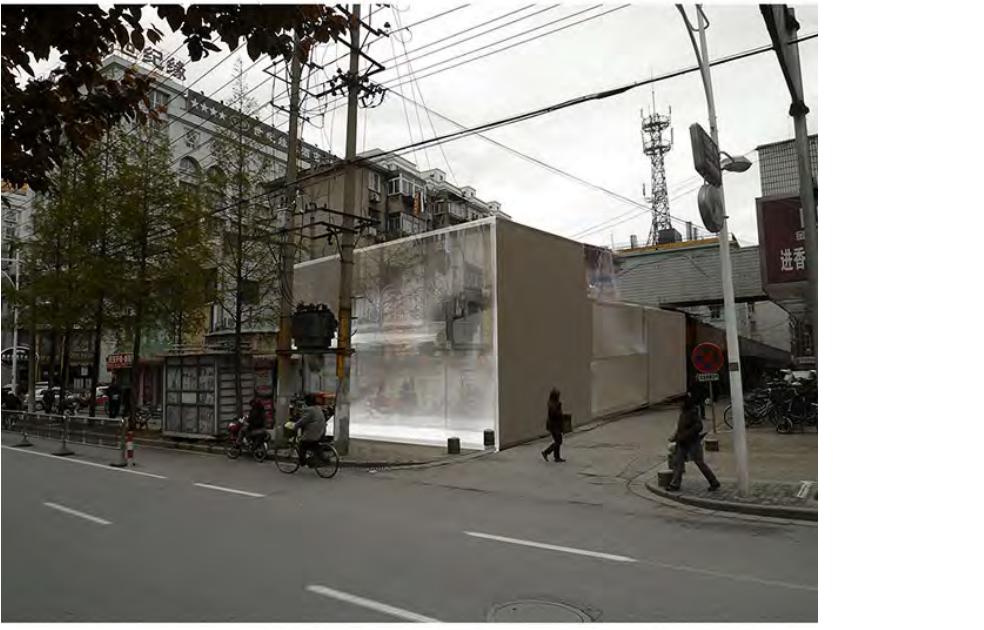
Bookcases stand as walls with steel column inside. They can also function as the solar shading system.



Logic in Chaos

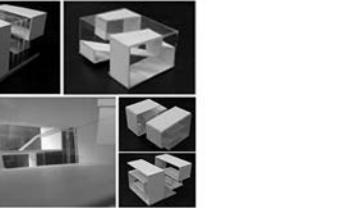
The site is in chaos, so the building needs an inner logic.
Its surroundings get overcrowded so it needs breathing.

Spring 2010 @ SEU



Operation of Slabs

The folding operation creates a vertical continuity and also an in-between breath.



Proper Volume

The compact volume is derived from the limited site situation, again asking for an inner exploration.

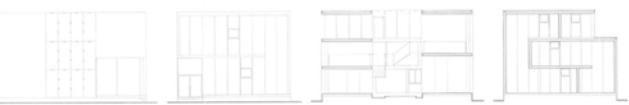


Functional Module

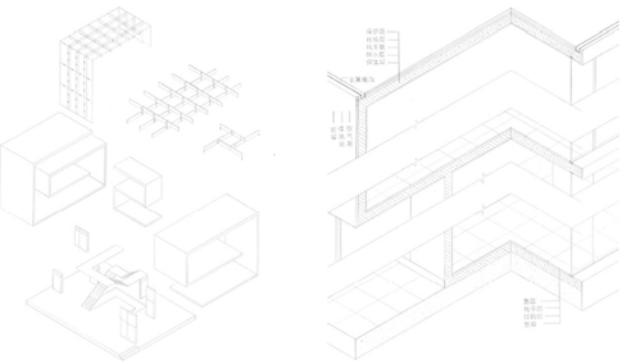
Mainly there are three parts: one main hall and two working sections, one of which is divided into three stories to have a higher capacity in a limited plan. The sharing stairs connect two sections with a half-story difference in height.



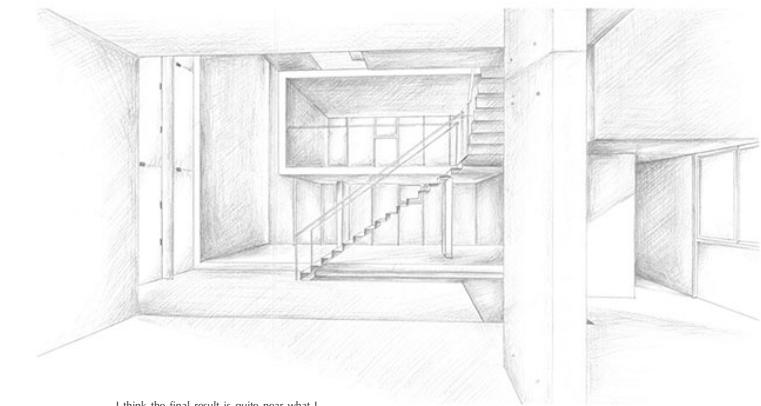
Plans



Elevations and Sections



Construction Method



I think the final result is quite near what I proposed at the beginning, a small, bright, vivid activity center breathing in chaos.

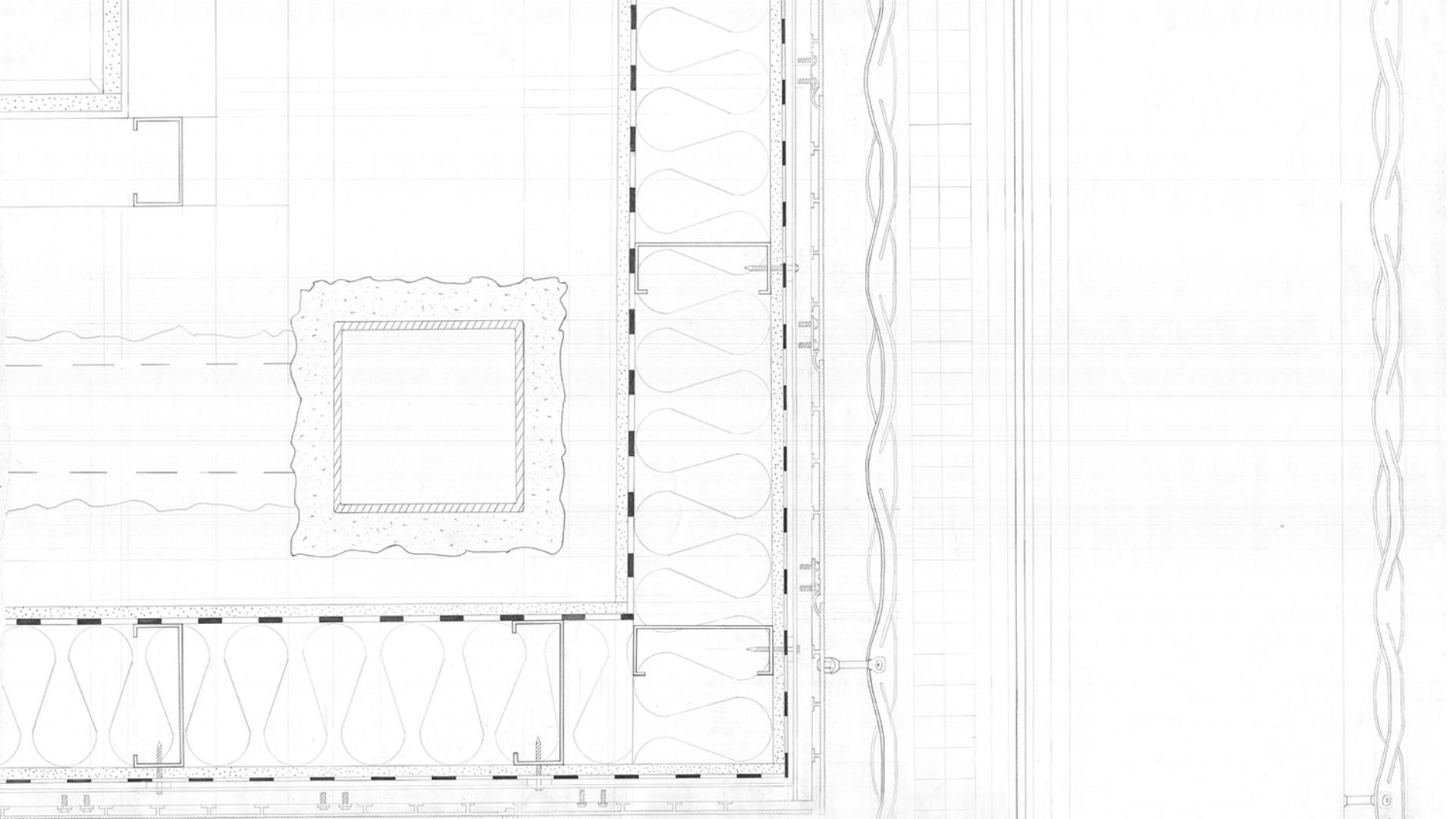




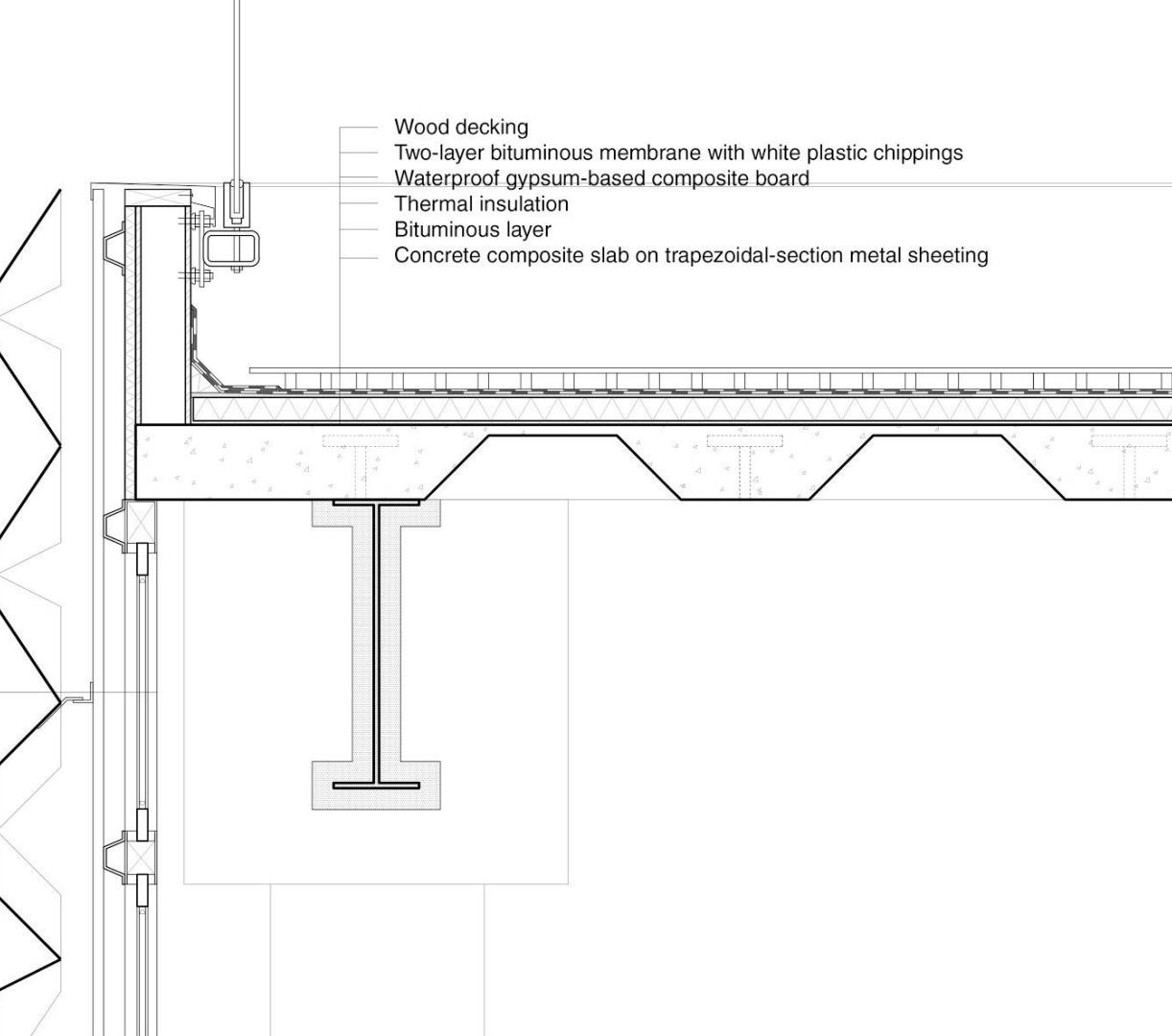
A Study of the Enclosure

Architecture is enriched when the resolution of the detail reinforces and propels the larger idea. A study of the systems enclosure is part of a group study of the sequence to integrate disparate elements of architectural production into a comprehensive whole. It begins with a case study of the New Museum in New York City by drawing an exterior wall section including where it meets the roof, floor and ground. The next is to develop our own sectional drawings to show layering and relation between materials. Here is my part in the group work.

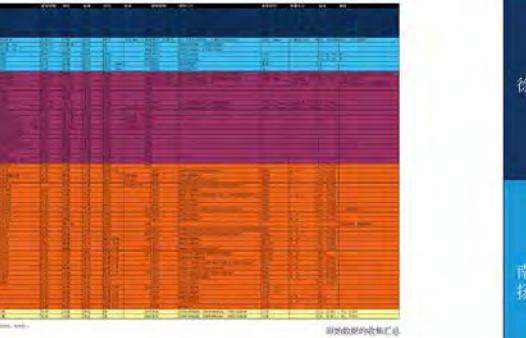
Fall 2016 @ RISD



Metal mesh
Stainless-steel clips
Aluminium sheeting
Framed metal supporting structure



Research on the Manufacturing Art of Bricks

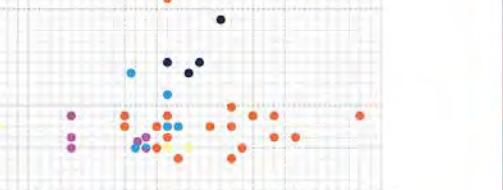


This is part of a research on ancient Chinese building materials, a project carried by National Nature Science Foundation of China. My partner Xingyu Shan and I are responsible for the research on bricks.

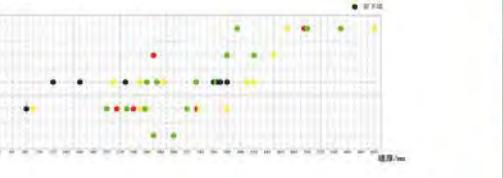
Traditional architectural manufacturing art mostly depends on individual makers - craftsmen, thus different districts maintain distinctive types in detail carried forward through word-of-mouth communication. Also, natural forces have a lasting impact on buildings so that various vernacular buildings emerge under different weather conditions. After a layering of the language zone and the climate zone, we divided the target area into five zones - namely culture zone, in order to do comparative studies on bricks as the key components of traditional masonry.

We further carried a three-month on-site investigation in different culture zones and recorded the findings in formatted axometric drawings. The dimension of bricks varies in different zones. As the thickness of walls increases from south to north, the method of construction changes accordingly.

Relations between Brick Dimensions and Cultural Zones



Relations between Wall Thickness and Cultural Zones

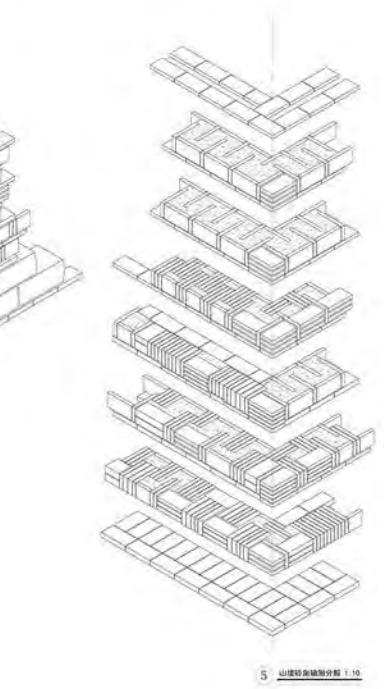
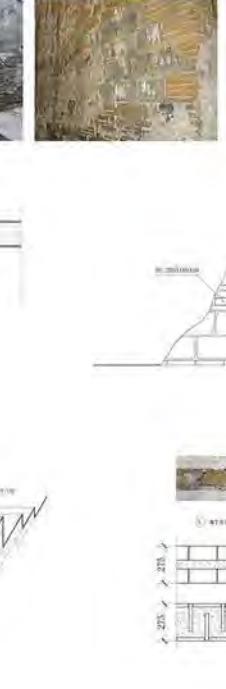
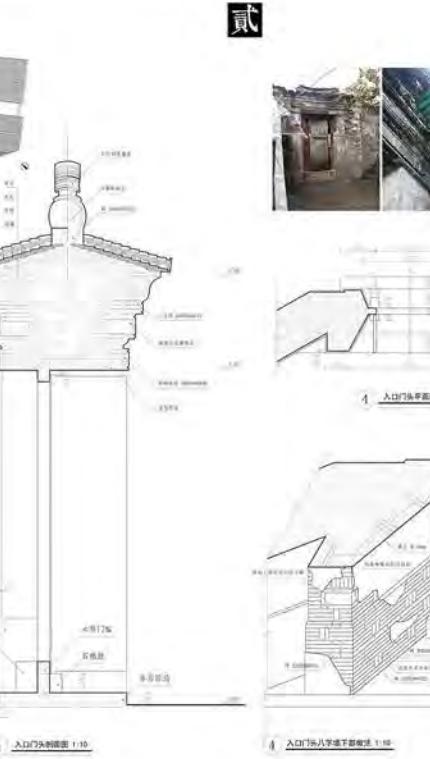
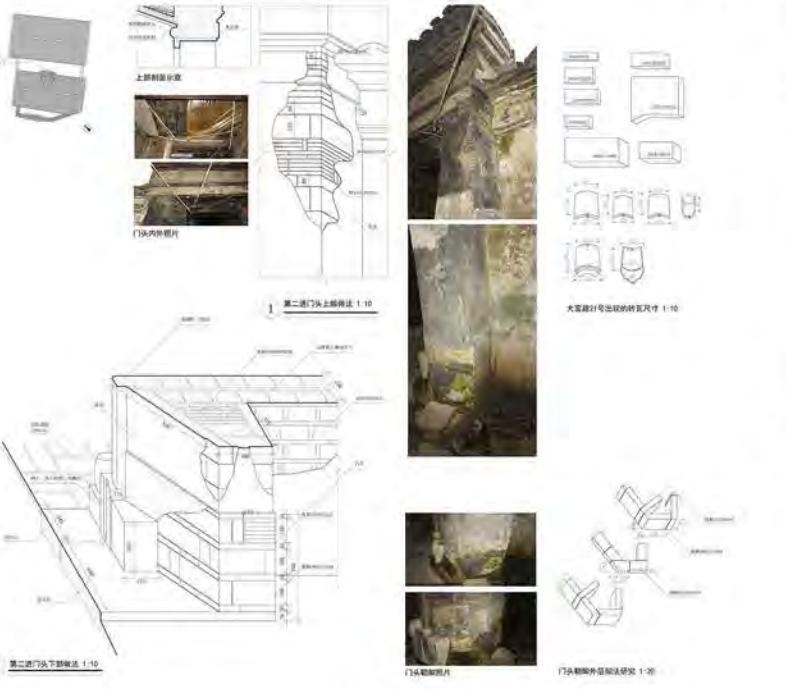


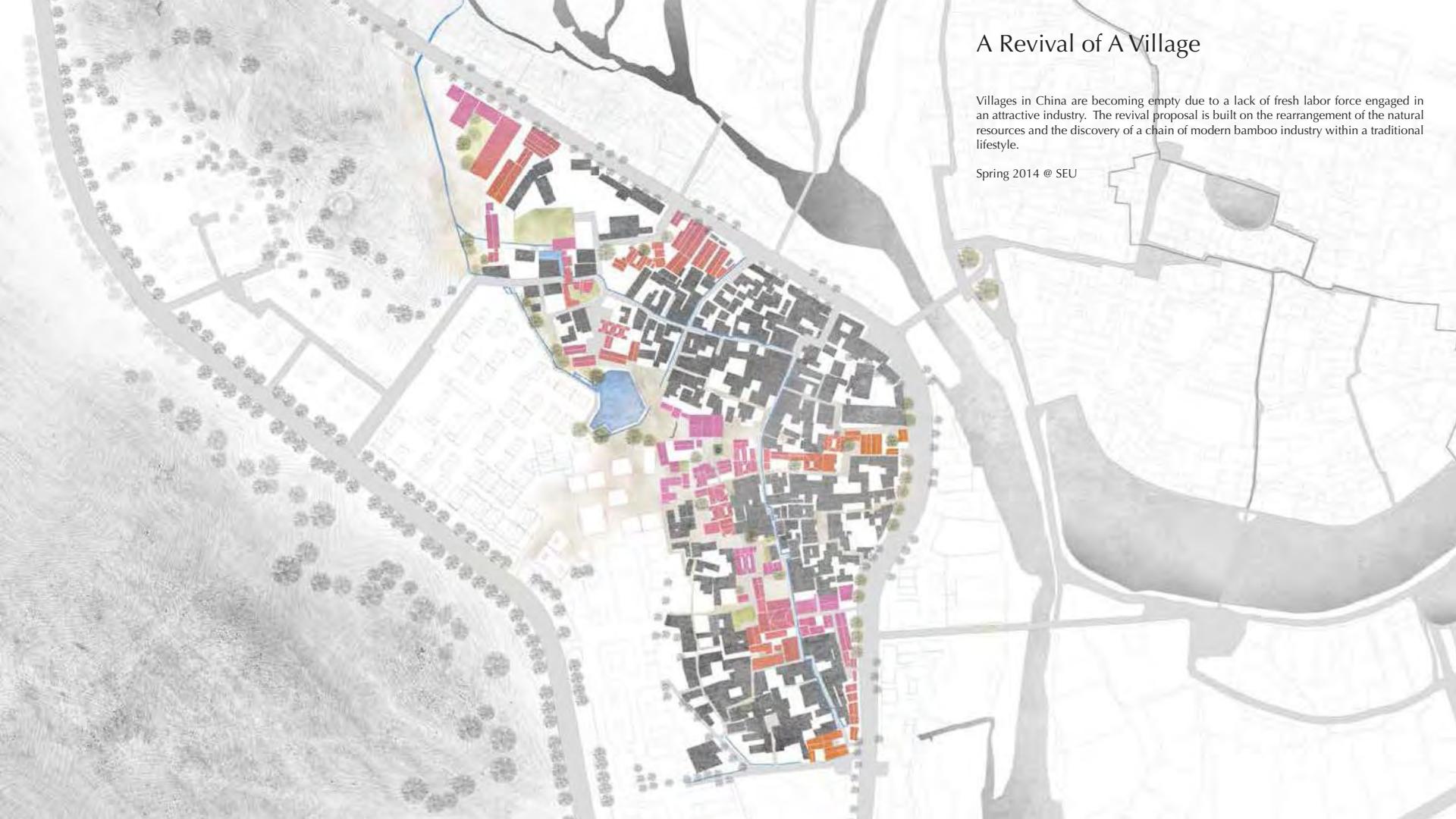
| Zone | Construction Methods | | |
|------|----------------------|-----------|--------|
| | Foundation | Main Body | Corner |
| 徐州 | | | |
| 南京 | | | |
| 扬州 | | | |
| 苏州 | | | |
| 无锡 | | | |
| 江阴 | | | |
| 金华 | | | |
| 兰溪 | | | |
| 东阳 | | | |
| 瑞安 | | | |



This is a detailed study on the construction method of a specific area in one of the cultural zone. There are a group of old residential buildings using bricks from nearby brick kilns. The study shows a typical vernacular brick tectonics in a brick producing area.

Spring 2013 @ SEU

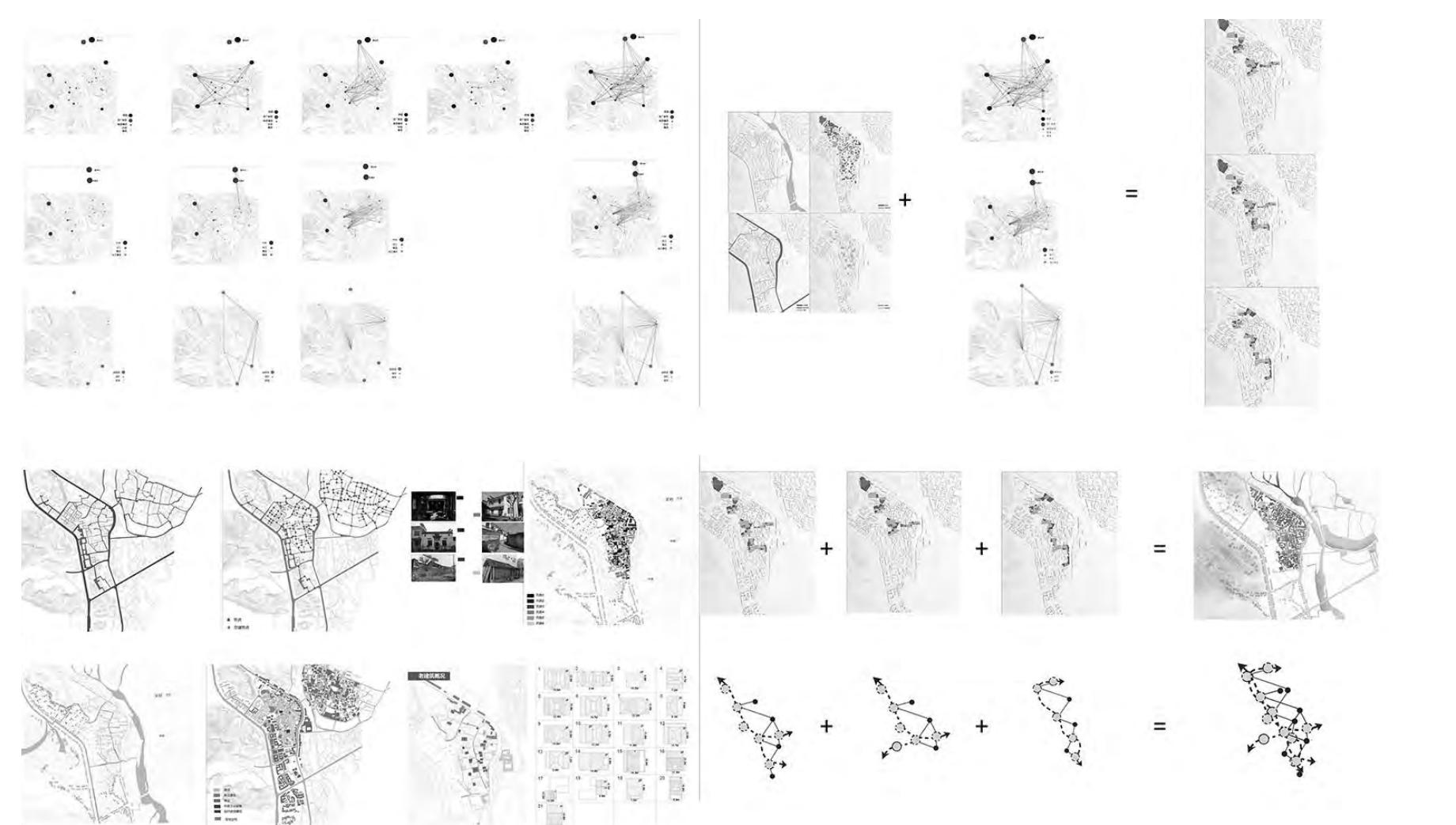




A Revival of A Village

Villages in China are becoming empty due to a lack of fresh labor force engaged in an attractive industry. The revival proposal is built on the rearrangement of the natural resources and the discovery of a chain of modern bamboo industry within a traditional lifestyle.

Spring 2014 @ SEU





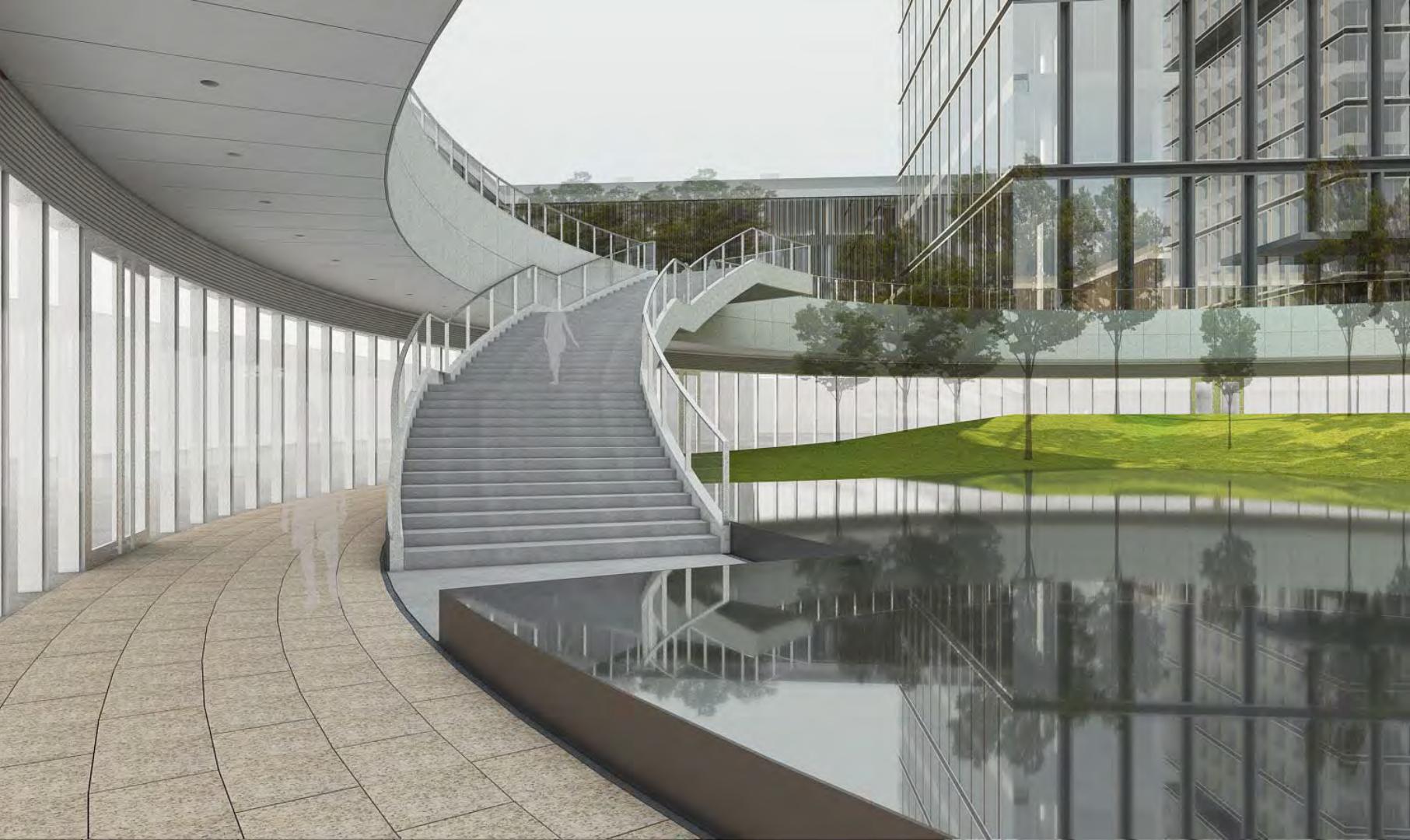


Visualization

These are selected works of rendering for projects in work, including a swimming pool, an exhibition center, a winery and a civic center.

2013-2014 @ gmp & Neo Design



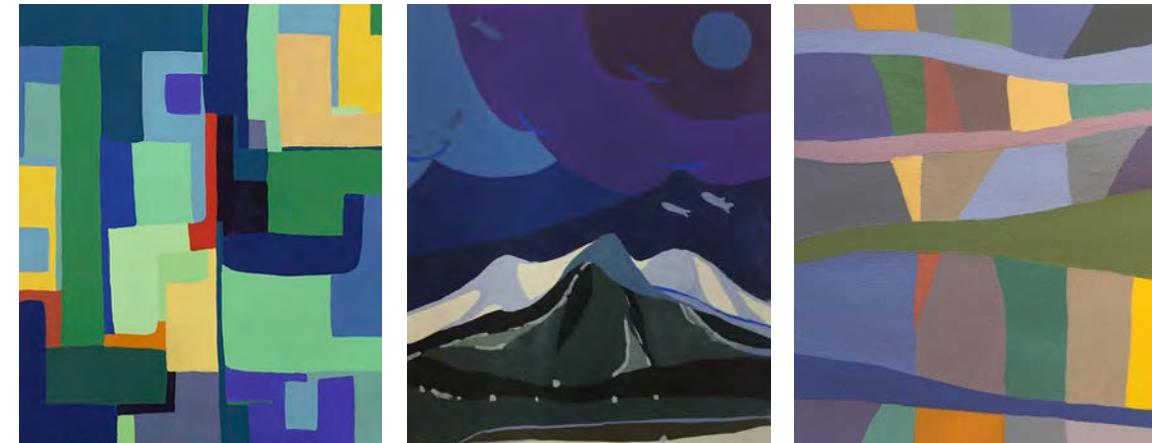




Artistic Approach

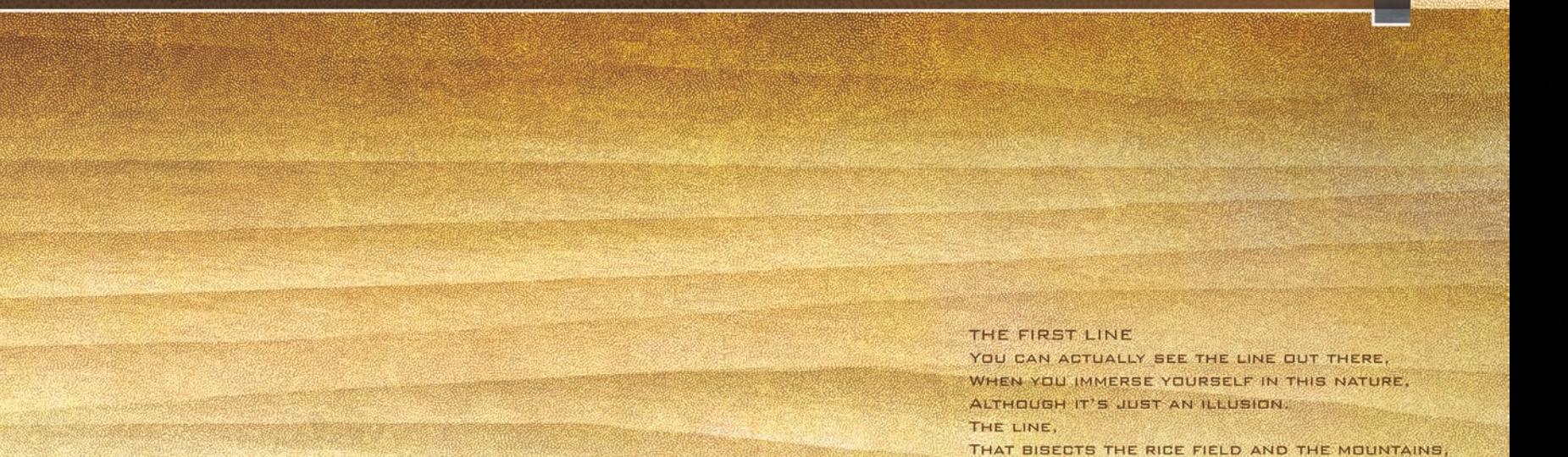
These works are the results of some elective courses in an art school - RISD, including painting and printmaking. I'm trying to explore the potential of each medium and to make it manifest itself in the process. Images on the next page are public art proposals for a university STEAM project and a kiosk of a sculpture park.

2016-2017 @ RISD
2018-2019 @ NYC



YOU'RE NOT A VIEWER OF AN OBJECT.
THIS IS YOUR OWN PERFORMANCE.

PROTAGONIST: THE VISITOR



THE FIRST LINE

YOU CAN ACTUALLY SEE THE LINE OUT THERE,
WHEN YOU IMMERSE YOURSELF IN THIS NATURE,
ALTHOUGH IT'S JUST AN ILLUSION.
THE LINE,
THAT BISECTS THE RICE FIELD AND THE MOUNTAINS,







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