

PORTFOLIO

XINYUE CONG 2016-2017

Circulation plays an important effect in architectural design. Generally, most of circulations just serves for the main functions, ignoring his own existence value as a building object. Walking in the unconstrained and comfortable circulation could provide a better space experience. People will be attracted by the bright and spacious circulation, selecting more interesting and safer circulation to get through and venues. In this way, circulation could be changed into diversity and livability.

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--Wood Installation

"Although architects cannot make vernacular structures one can attempt to recreate the processes through which the vernacular emerges in each project. In the place of invention, rhetoric and signification one can embrace convention, awkwardness and repetition.

In this way buildings can achieve an auratic presence that comes through associative memory and direct experience."

Adam Caruso



[REFLECTED HISTORY]

--Church Renovation for Library and Cable Car Station

Liverpool December 2017

Explore the potential livability in Liverpool, designing a social intervention for the city dweller individually. The studio mapped a green route through existing spaces-parks, crematoria and clearings exploring a narrative which emerges from them and from the group research. Essential to the narrative is the sense of the city- embedding what city is, was and could be a narrative that will emerge from the places it passes through. The intervention will be bourne of its specific site and may include re-loving and repurposing a forgotten place.

TOXTETH AREA

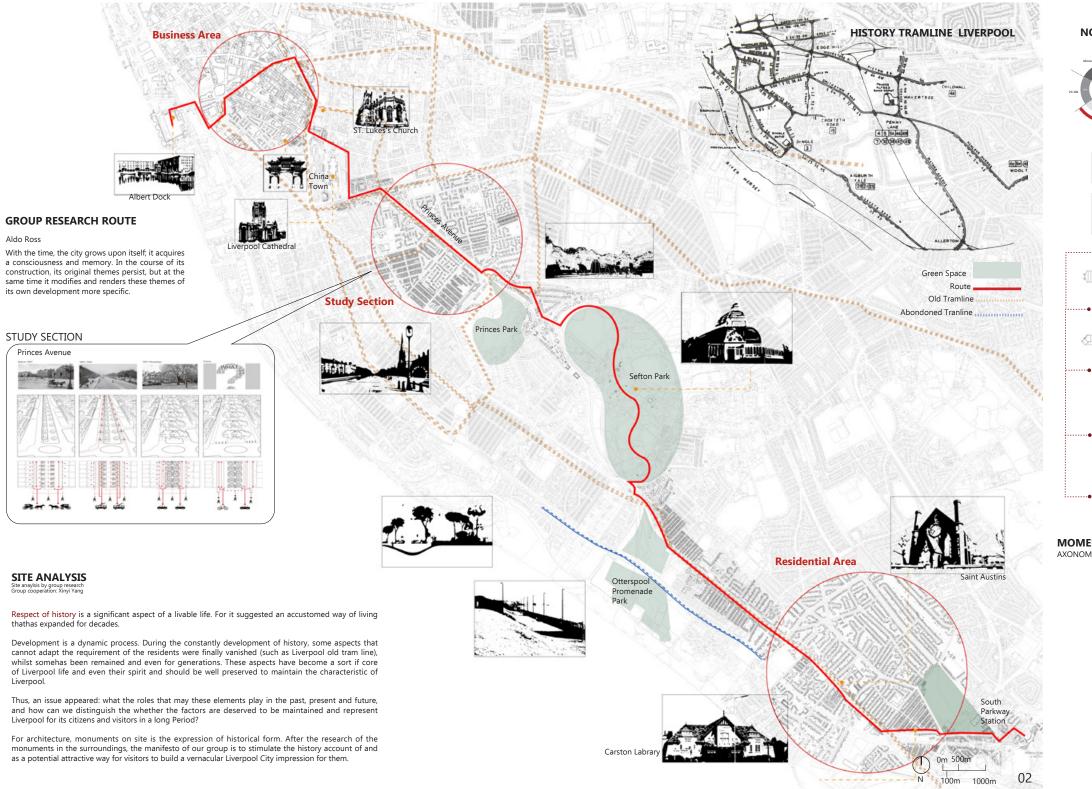
The 1981's riots eventually result in the dereliction of the area. However, prior to the dereliction that the area became known for and which was the reality for people living in the area over the last two or three decades.

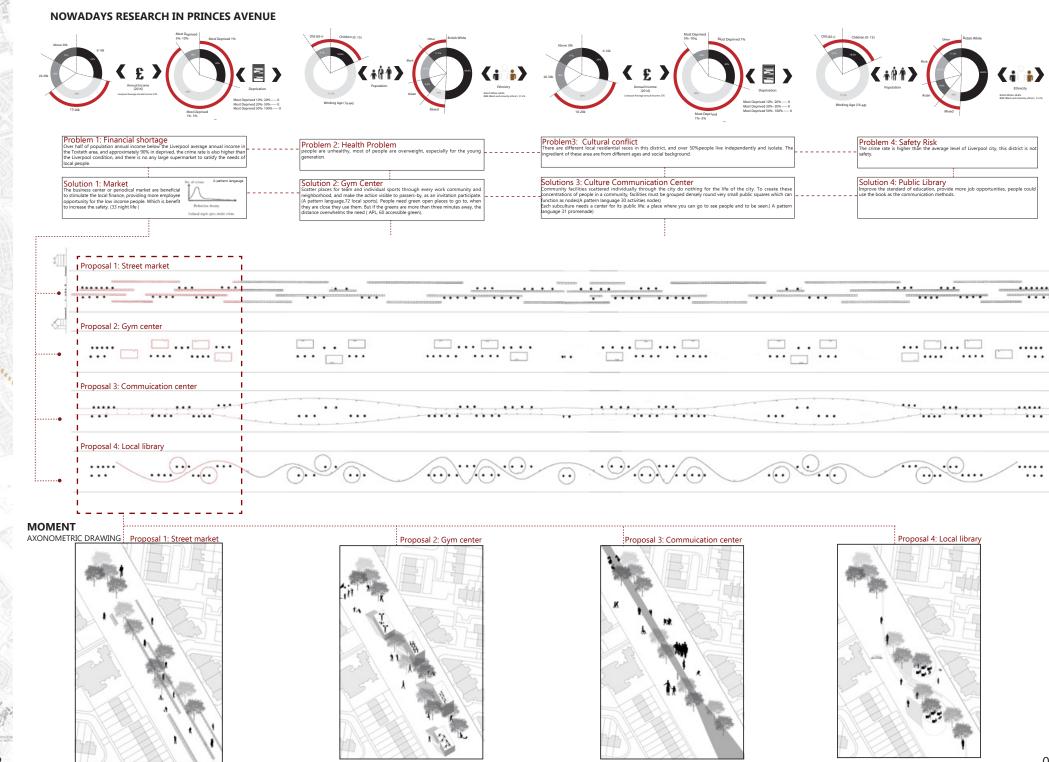
WELSH STREETS

Breathe new life. Place first have already carried out a pilot project, bringing some terraced properties on High Park Street and Voelas Street in Princes Park back into use by remodeling the houses. The new plan includes communal gardens with improved streets and drainage.

GRANBY STREET

Granby is the most racially and ethnically diverse area of Liverpool, has the oldest black community in Britain and has been one of the most deprived communities in the country for decades







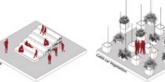
BOOK SIGHTSEEING

Due to the dynamic memory research (group site research), the Welsh Presbyterian Church in the Princes Avenue has been abandoned several years, which is a landmark building for the local people. If it could be give new function which benefits local residents, it will be the suitable way to achieve the livability. The church will be renovated as the library (satisfying the nowadays needs) and the cable car station (recalling the tramline history in the street). Using the small cable car unit to define the library space, achieving the harmonious between movable cable car and quiet library. In this way, the cable car unit could be considered as the movable library. People could still read books on the exterior of the Library, the cable car moving speed will slower than the normal one.



POSSIBLE ACTIVITIES















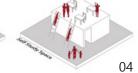












DESIGN STRATEGY





Changing the tram line into the cable car station to introduce the sky transportation but not change the original transportation system, which is also reflect the industry revolution period history.

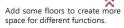


Delate the abandoned roof of the church, invite more natural light getting through, shpwing the livability.



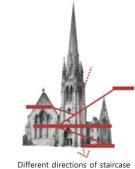
Design the glass structure box to keep the church facade completely, and invite more light for the library







Using the different layer of the church to show the times change, add large staircase as the connection to these different layers. Create more functions on the stairs to save the space, and design some wide platforms to attract activities.



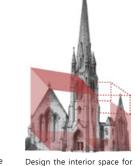
to create the convenient circulation, which is easily for people to move around and communication



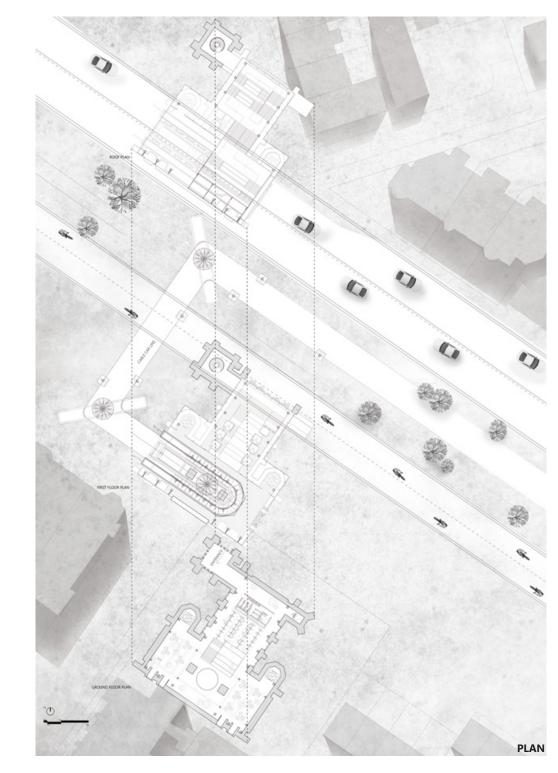
The hole concept design comes from the cable car machine, using the same shape to express the continuous of the time.



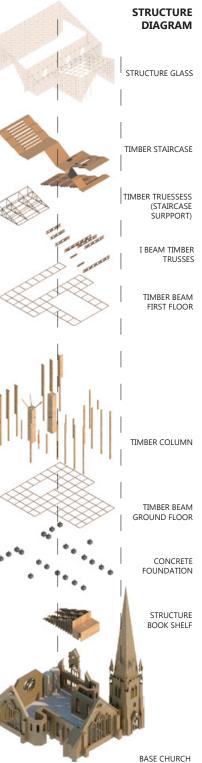
The cable car station on the back of the church, which will do not destroyed the facade of the church, keep the historical monument completely.



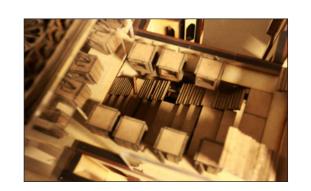
library, and the exterior space for the cable car station.





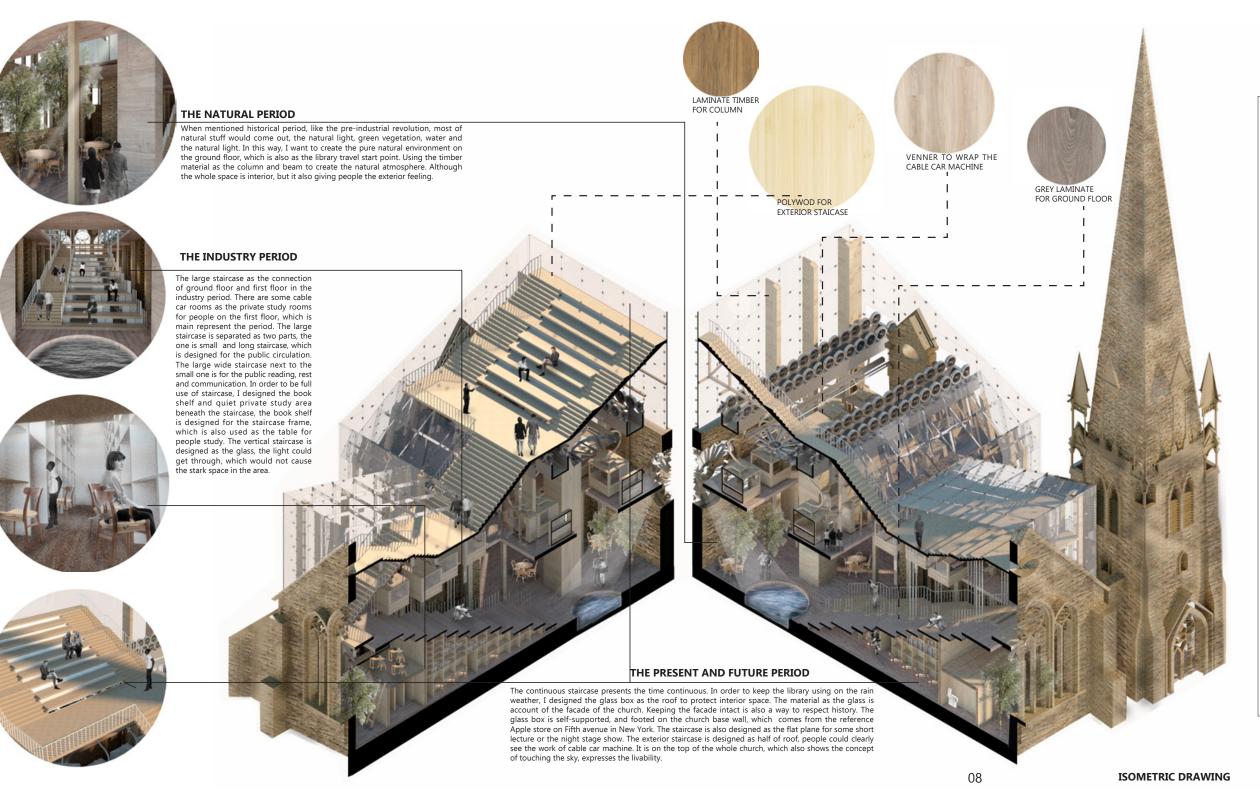












- ① Laminate timber column 400mm×400mm×15000mm
- (2) Glass structure Triple glass wall 18mm, 300mm deep
- ③ Polywood floor 100mm Laminate timber trusses 50mm (bolted connection)

SHORT SECTION

- Laminate timber beam195mm×195mm
 Insulation 195mm
 Waterproof 5mm
 Polywood floor(ceiling) 100mm
- (5) Original church stone1000mm thickness, 5000m foundation
- ® Polywood floor 100mm Laminate timber beam195mm×195mm Insulation 390mm Waterproof 5mm



SCALE 1:20

CONSTRUCTION DETAIL 09



[THE GIANT FACTORY]

--Temporary Giant Assemble Workshop Individual Studio Work Site: Liverpool December 2016

Merseyside has long held a fascination with giant proportions; whether that be Liverpool Lime Street station as, for a time, the largest single-span iron structure in the world, or New Brighton Tower; formerly the tallest building in Britain. This attraction continues in the twenty-first century in the form of giant puppets invading the city. First seen as part of the 2008 European Capital of Culturecelebrations with La Machine's spider 'La Princess,' followed by Royal De Luxe's 'Sea Odyssey' in

2012 remembering the centenary of the sinking of the Titanic and 'Memories of August 1914'commemorating Liverpool's World War One centenary. Royal De Luxe and the giants are set toreturn to the city in 2018 to mark ten years since the Capital of Culture celebrations in 2008.

Based on Royal De Luxe's now longstanding partnership with Liverpool, the studio is about designing a temporary creative workshop space for them in the Baltic Triangle. The workshop needs a arch entrance, which could have a connection with the workshop.

SITE ANALYSIS PROGRAM ORGANIZATION



Liverpool position

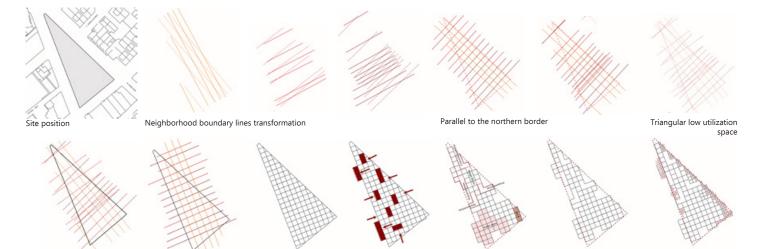




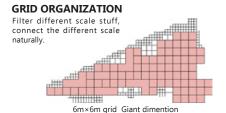
Giant route



Site position

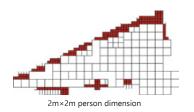


Boundary change

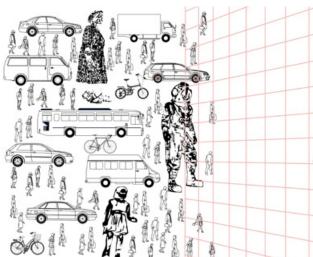


4m×4m Public dimension

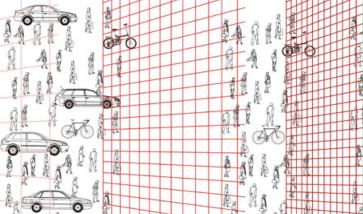
Function distribution



Due to the neighborhood boundary lines, creating the grid pattern landscape. Using limit distance between columns to define the layout and hidden the workshop.

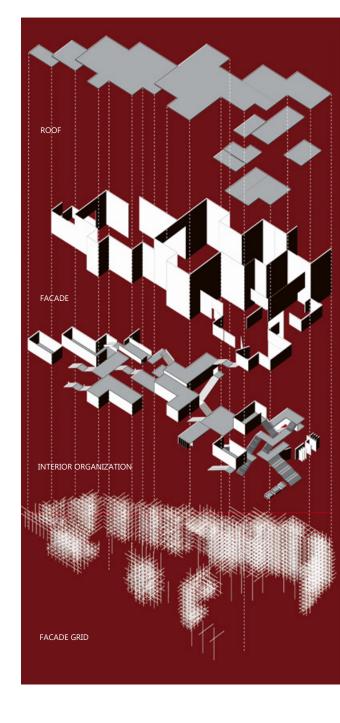


Parallel to the southern border

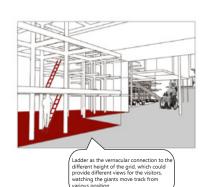


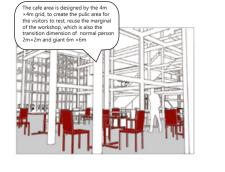


ISOMETRIC DRAWING

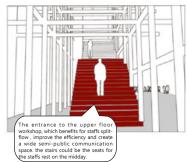


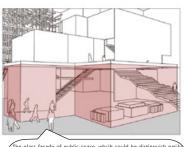
INTERIOR SPACE



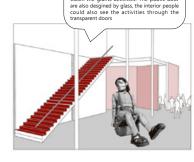


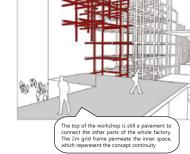
The giant could rest on the outside of public space, where people could gater around to watch the giants activities. The public door

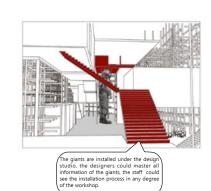






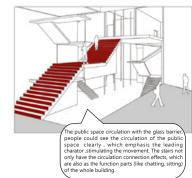


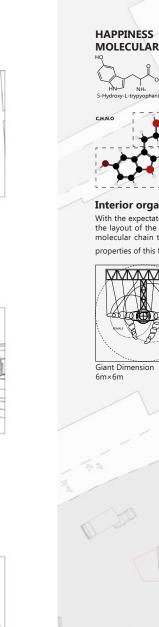


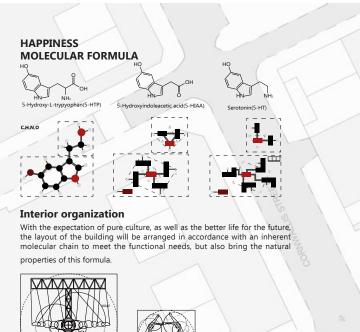


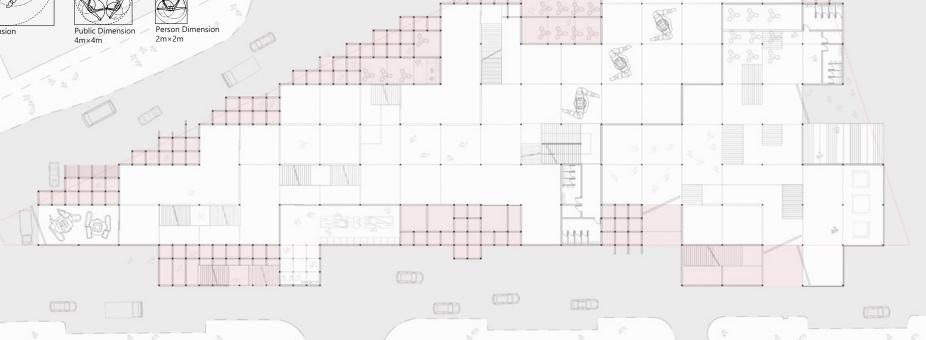


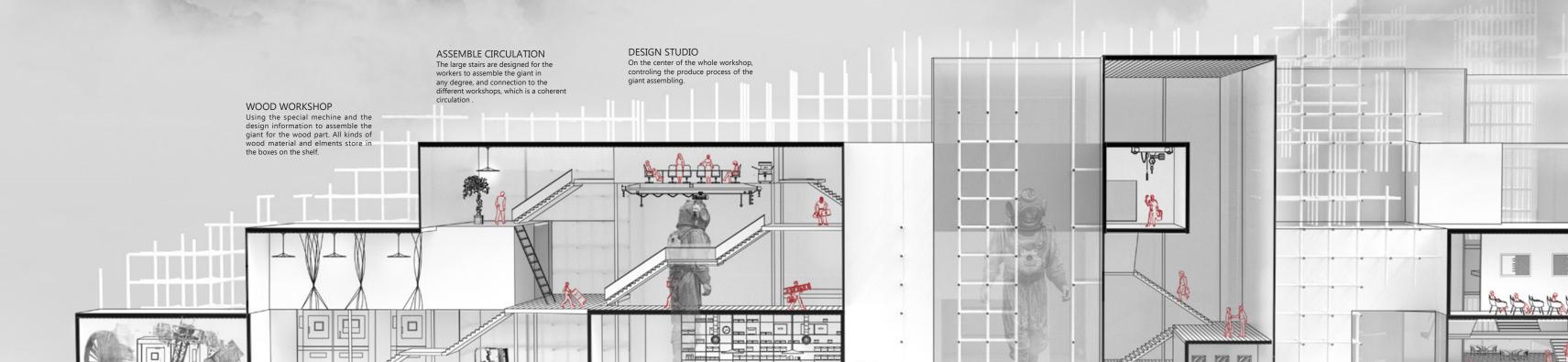
Giants are trained in the workshop, which is









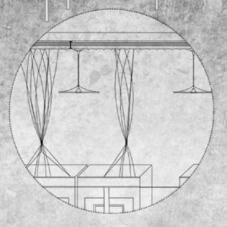


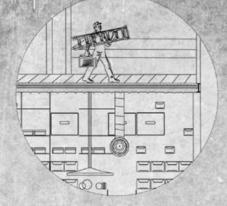
STORAGE ROOM

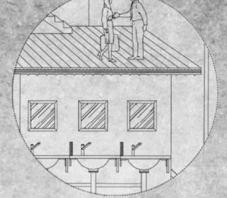
On the side of the giant workshop, which is convenient to convert the assemble elements for the workshop. The slide door could open for the truck .

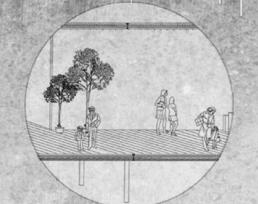
6M GRID

6m grids are designed for testing giant. The width of the grid is similar with the one-way traffic, which is convenient to adapt the real parade









WLESSELE MEETING

GIANT ENTRANCE

LARGE SITTING STAIRS

People could sit on the stairs and go through for the function room and exhibition space.

The giant entrance is deisgned by 6m width and surrounding by the 2 m grids, which shows the different dimentions between normal people and

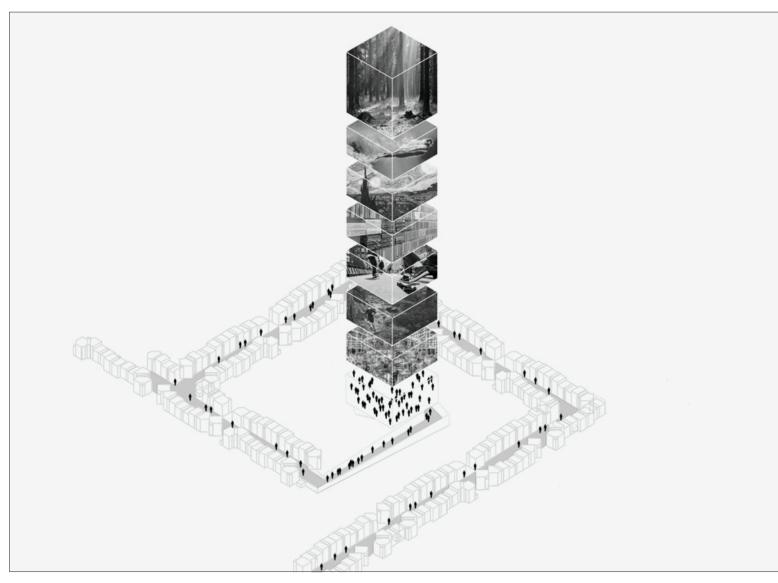
Glass as the main material for the public visiting, which is easy to distinguish with the polycarbonate.

The transparent matiral advacates the people to enter the space and produce some activities. The wide stairs are also easy for people to move around and communication.

MATERIAL

Polycarbonate is the primary material to build the worksop. It is light and semi-transparet, which is benefit for hidden the giant before parade and satisfing the need for temporary.

LONG SECTION



[THRIVING CORRIDOR]

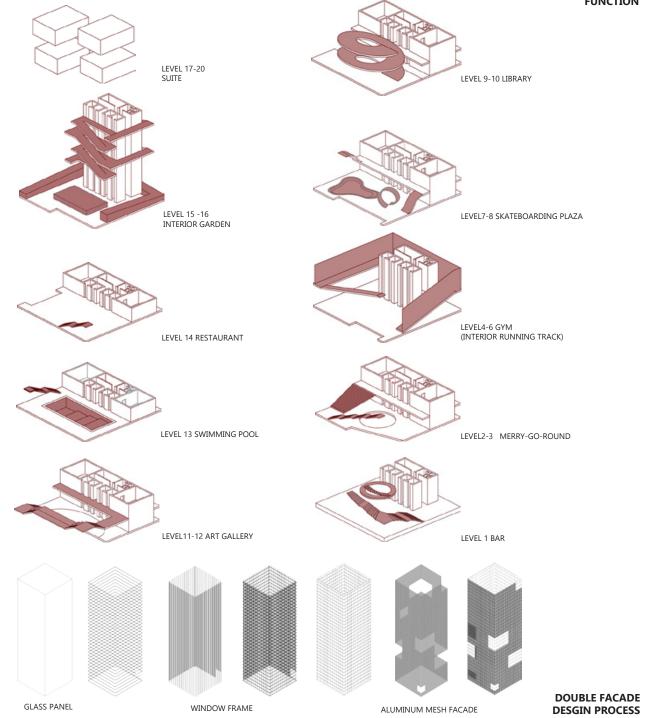
--Mix Use Hotel Individual Studio Work Site: Liverpool June 2017

Since the European Capital of Culture celebration in 2008, Liverpool is increasingly becoming a destination for both business and pleasure, with visitors arriving to see the city's sights and culture, as well as specific events such as Cunard's "Three Queens' and Royal De Luxe's 'Giant spectacular' which we are now all familiar with. In addition to those visiting for the day, the city see a large number of overnight visitors who all need a place to stay – one option being a hotel.

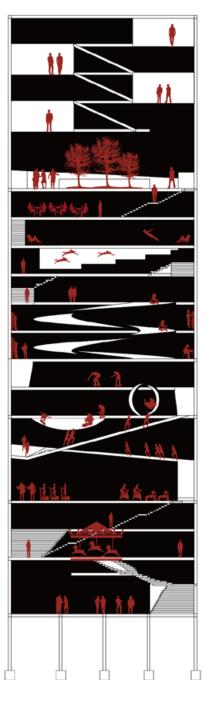
When I think of the hotel, the first one to draw attention is the dim, non-ventilated corridor, a small room, in addition to residential features almost no other function of a living space. In order to change the inherent hotel mode, the hotel is not only a temporary nonsense place. Focusing on the corridor circulation, transformed it into a variety of communication space. It not only provides the necessary connection function, at the same time, it also adds their own characteristics, changing the daily status of people only communicating with the phone, meeting more new friends.

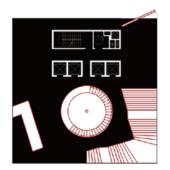






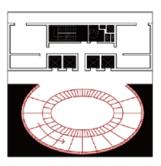
FUNCTION SECTION





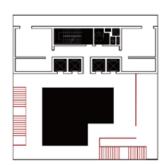
LEVEL2-3 MERRY-GO-ROUND

Carousel placed in the middle of the sink platform, as a way to communicate the middle of the space.



LEVEL 9-10 LIBRARY

The revolving public library continues the fluidity of the skateboarding space so people can read their favorite books as they walk around the stair.

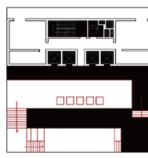


LEVEL 14 RESTAURANT Continuation of the square plan.



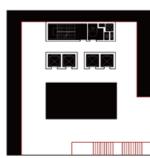
LEVEL4-6 GYM

Indoor fitness center with 9m high, in order to simulate the real slope runway, which run around the glass curtain wall, so movable people could see the whole view of Liverpool.



LEVEL11-12 ART GALLERY

The Museum of Art is located above the library and under the swimming pool. The clear water wave refracts through the light into the museum of art, increasing the flexibility of space.



LEVEL 15 -16 INTERIOR GARDEN
Planting trees in the middle and around
the glass curtain walls to create a forest
environment and promoting people
communication, which also echoes with
the gymnasium.

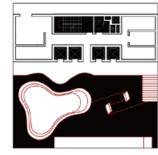
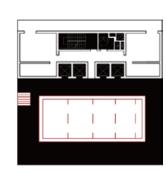


DIAGRAM PLAN

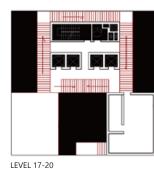
LEVEL7-8 SKATEBOARDING PLAZA

Indoor skatepark offers a variety of spaces, attract more tourists, creating a different circulation. It is also a good place for everyone to communicate.



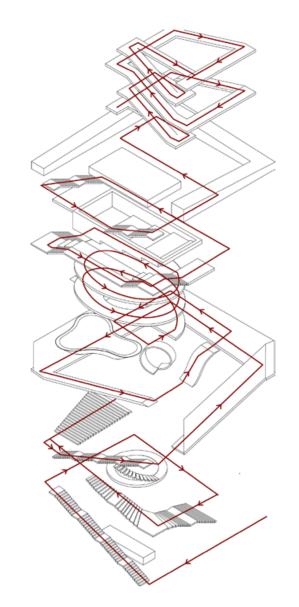
LEVEL 13 SWIMMING POOL
Swimming pool follows the hotel's

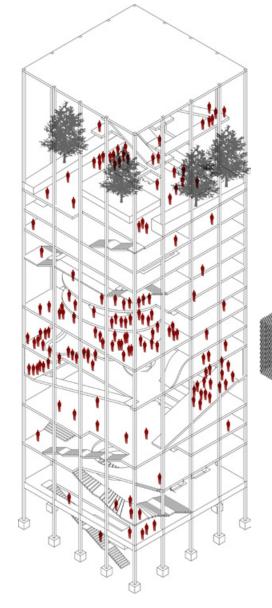
Swimming pool follows the hotel's square plan, the rules and regulations of the design also enhance the utilization of space.

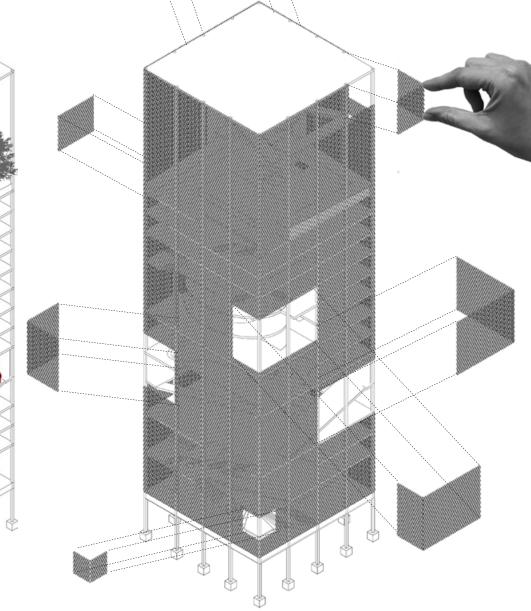


SUITE

Staircase around the curtain wall, the forest under the house to create the feeling of Temple of Heaven



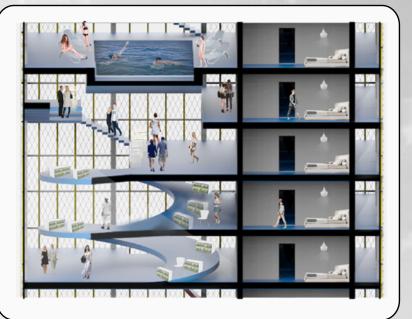




DOUBLE FACADE

CIRCULATION ACTIVITIES AND PEOPLE DENSITY

22



BLUE

The blue zone is relatively quiet area, it mainly includes libraries, art gallery, swimming pool, and restaurant, the reason why the swimming pool designed in the quiet area, because the water always bring the power of quiet. Sunlight get through the water, penetrate the gallery, will bring a natural artistic effect, more in line with the theme of art. The Library designed following the central spiral staircase, which promotes people's desire for books, and enhance the communication between people.

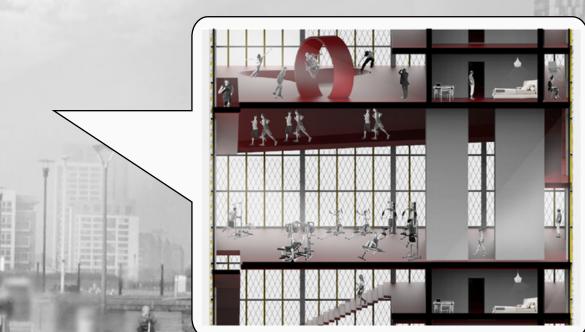


YELLOW

Yellow represents the same warm color as the sun, which is suitable for roof part that full of natural vitality. In order to create a different living feeling for the suite's customers, the interior garden has been purposely designed to natural style, which evokes the river view. The staggered staircases in different heights aims to give people different feeling about the nature, and generates more communication as events take place. Just as Hayao Miyazaki portrays the city of heaven, in the highest sky,escaping from the noisy world to find a real nature.

RED

Red represents a dynamic and passionate, the bottom floors use red to bring a positive and optimistic feeling, and attract a large number of tourists patronize the hotel. For the layout of the red space, as much as possible into the public space, even if not living in this hotel, people can still experience the space. Indoor runway simulation of the natural climbing, 9m height also gives a real outdoor experience, The runway surrounded by the galss curtain wall, which provide a clear view for the sea.

















I. Skateboarding Plaza

Overhanging follows the shape of the skateboarding plaza, spectators could view them on the upper floor.



II. Art Gallery

The upper swimming pool floor could create the feeling that people visit the art gallery under the water.



III. Interior Garedern

Creating the feeling of sky forest, people moving on the cloud.



IV. Gym

The runway surrounded by the galss curtain wall, which provide a nice view when people build the body.

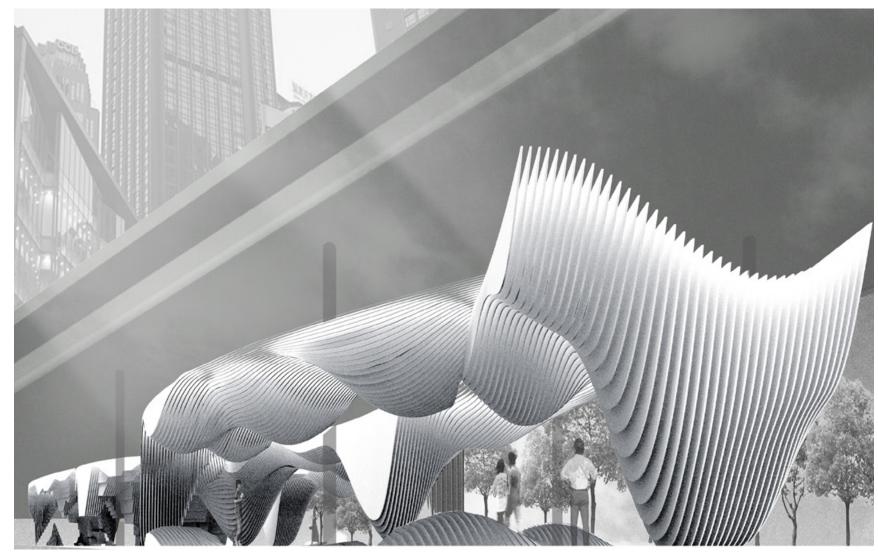


V. Library

Free organization bookshelf and furniture provides natural space experience.







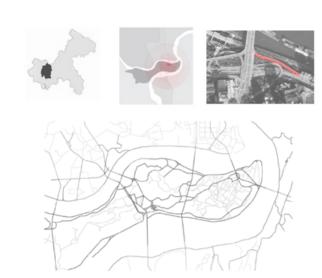
[ENGRAVED MEMORY]

--Memorry Gallery
Group Compition Work: UIA-HYP CUP 2017INTERNATIONAL STUDENT COMPETITION IN ARCHITETCURE DESIGN Group member: Shuyi Hao, Xinran Li Site: Chongqi, China August, 2017

The metropolis of the 21st century takes up too much room... It sprawls.. It must not keep evolving simply by expanding. "A great building must begin with the unmeasurable, must go through measurable means when it is being designed and in the end must be unmeasurable." -Louis Kahn

In our project we begin with the history, which is definitely unmeasurable. Then the translation started- by interpreting events happened in the flow of time and the impression those events give upon us. Finally a space appeared, where people could reflect on history of the city. In this process, the effect of the space on audiences, and the spirit it conveys, are going back to unmeasurable again. We are using the tangible space to reflect an intangible flow of time, and finally build an intangible world of spirits

After a series of researches, we found the overpass, as a necessary part of the transportation system in a city, has occupied a large area of the urban land, but the space under it is always in a bad condition and lacking in administration.



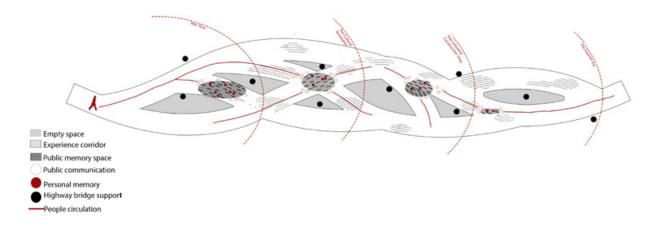
Chongqing is an inland mountain city, and fammous for its overpasses, which could be seen everywhere. Therefore, we chose the city center of Chongqing-Yu Zhong District,

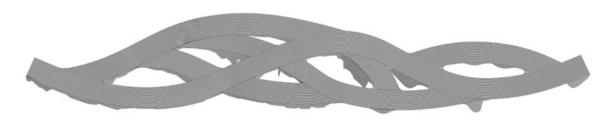


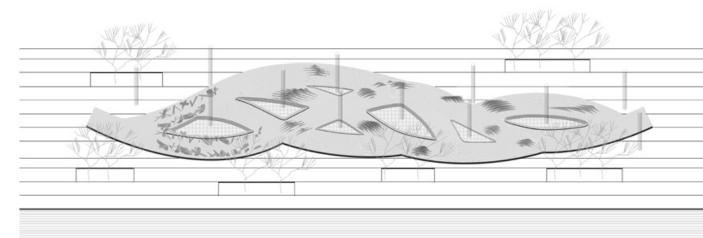




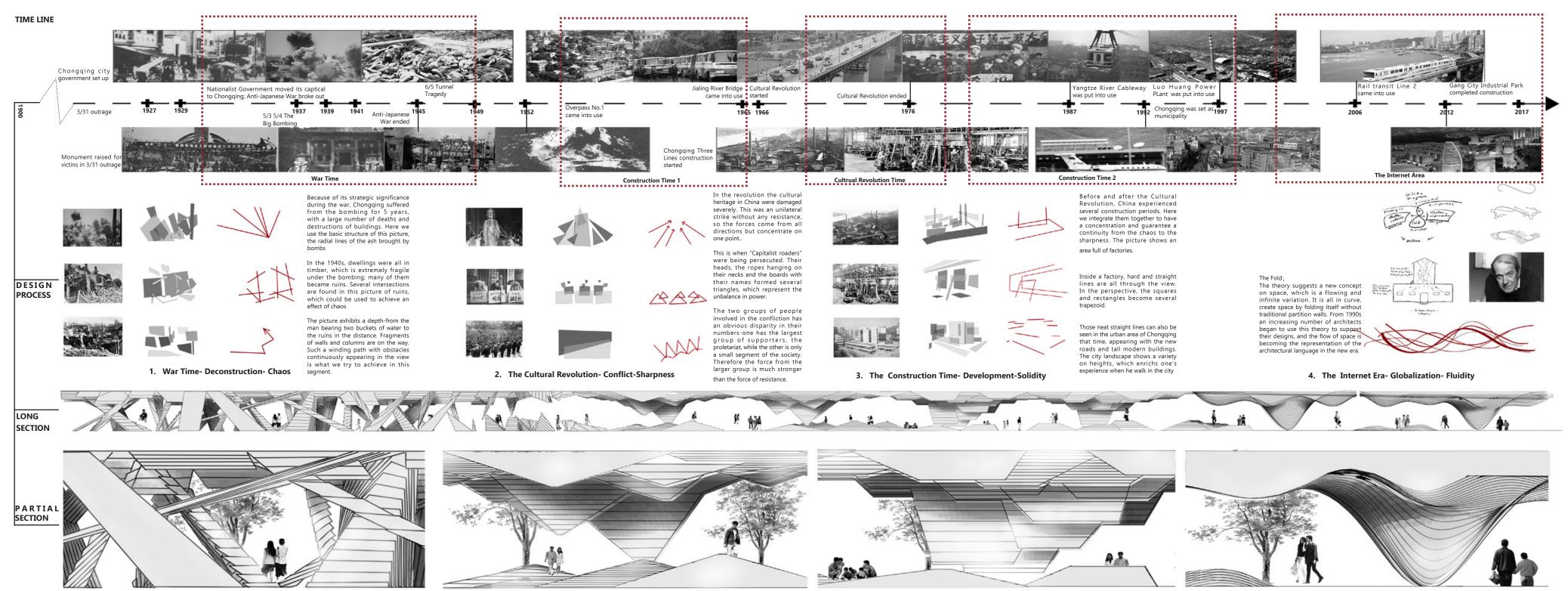
Overpass can also been as a connection, a connection of two destinations, of two people, of life and death, of past and future. People living in cities are always in a rush, so we hope we could create a space where people could slow down and be immersed in a spirtual world." All truly great thoughts are conceived while walking." Elements are taken out from the history of Chongqing and formed a long walking gallery. In this gallery, people are wrapped around by the chaos, conflict, solidity and fluidity engraved out from the history; they could find themselves when they are confronted with deaths directly.







PLAN 29





I. War Time- Deconstruction- Chaos



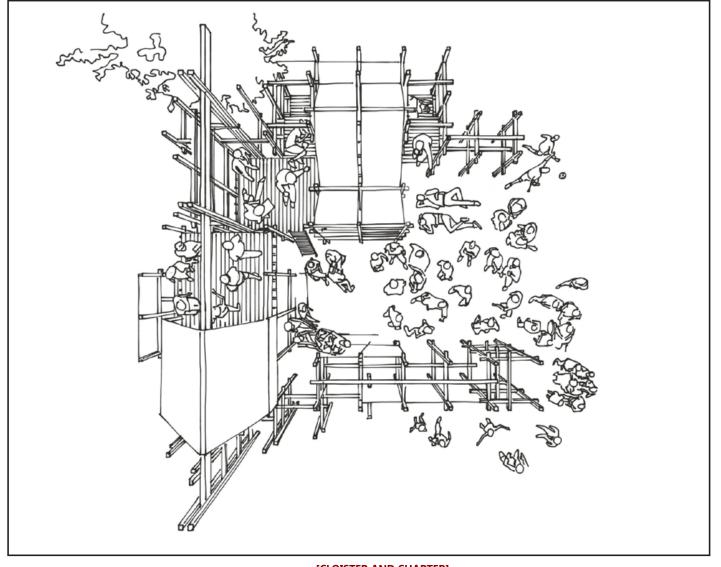




II. The Cultural Revolution- Conflict-Sharpness

IV. The Internet Era- Globalization- Fluidity





[CLOISTER AND CHAPTER]

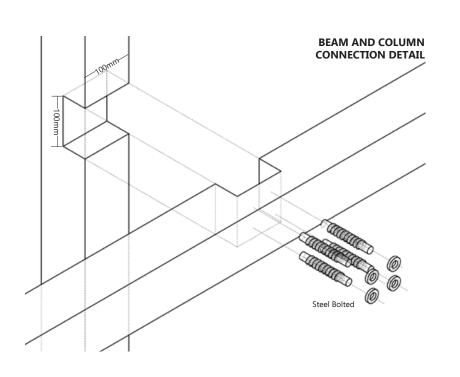
--Wood Installation

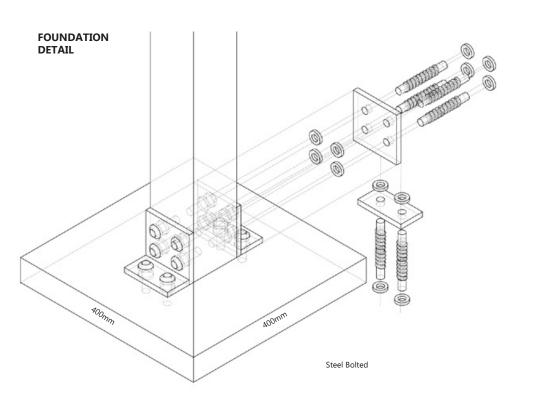
Group Work Site:Csóromfölde, Hungary July 2017

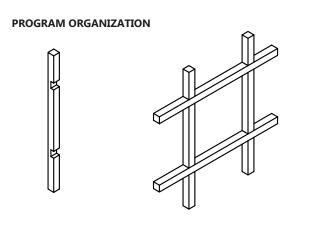
Team Leader: Dr Neal Hitch, (San Diego State University, Imperial Valley Desert Museum, California, USA) and Lukas Hitch

As architects, we all have an idea of what the ideal village is like, but what makes this programme interesting is that, once we are confronted with the actual needs of a community, constraints of the terrain, or the opinion of your neighbour, you need to be open to adapt.
---Johanna Muszbek, curator of Project Village

The cathedral in the Hello Wood village is under construction and has been expanding now for a second year running. This year, the church built on the ruins of the settlement that existed here three hundred years ago has been expanded with further elements: the communal spaces of a chapter house and a cloister. A special feature of the latter is that it is always open towards the interior garden of the chapter house, and so though it shuts out the outside world, this does not mean that its structure is not welcoming: inside, it makes space for people togather.

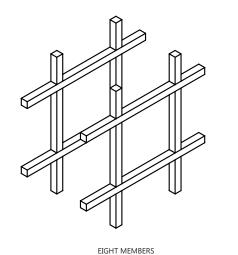


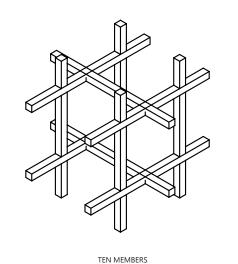




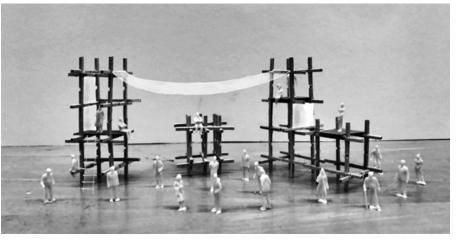
FOUR MEMBERS

ONE MEMBER

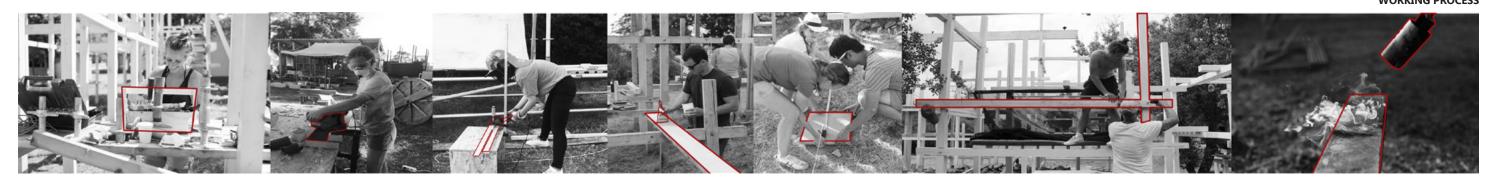




The cathedral in the Hello Wood village is under construction and has been expanding now for a second year running. This year, the church built on the ruins of the settlement that existed here three hundred years ago has been expanded with further elements: the communal spaces of a chapter house and a cloister. A special feature of the latter is that it is always open towards the interior garden of the chapter house, and so though it shuts out the outside world, this does not mean that its structure is not welcoming: inside, it makes space for people togather.







THE ORGANIZTATION DEVELOPMENT

With a simple grid pattern to define different space, from the same size to a variety of sizes, from a single function to a variety of functions, non-closed space gives a strong penetration, interoperability, and promote people's community , which could produce more possibilities.



HOUSE UNIT



