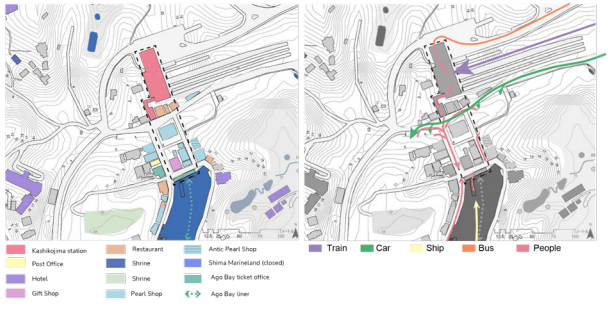
Linking Hill

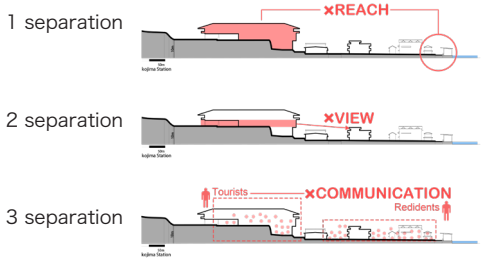
ANALYSIS

1.Potential

2.Site Analysis

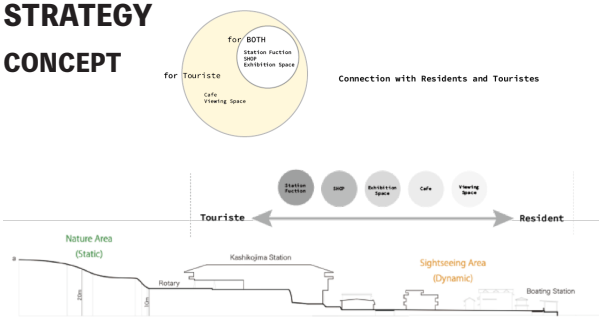


3.Problems

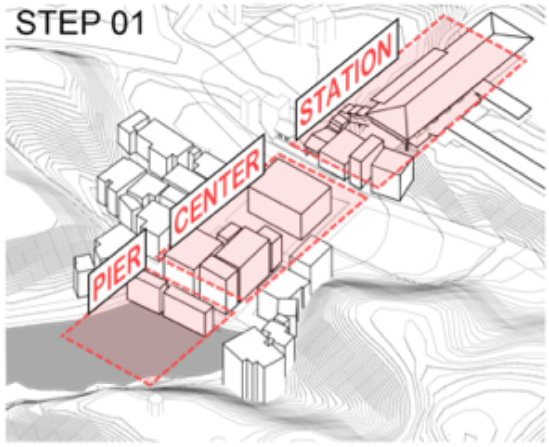


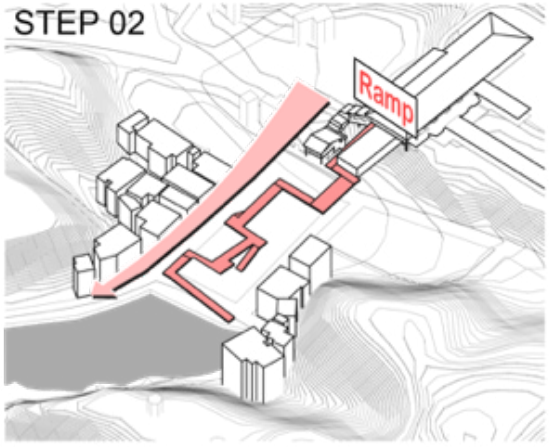
STRATEGY

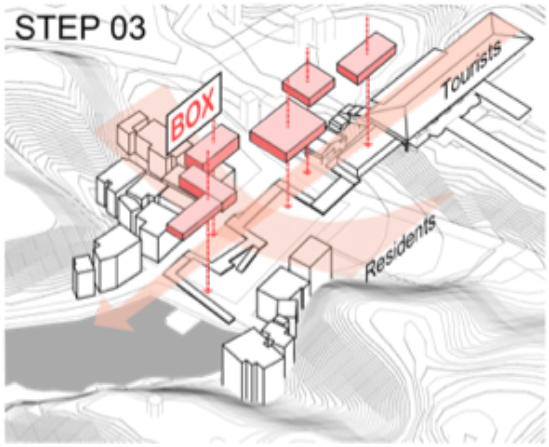
CONCEPT

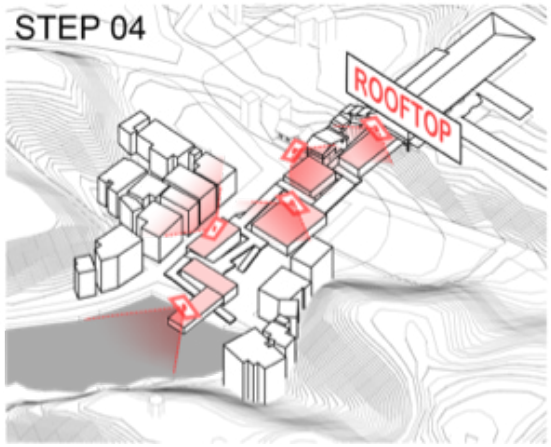


HOW TO MAKE

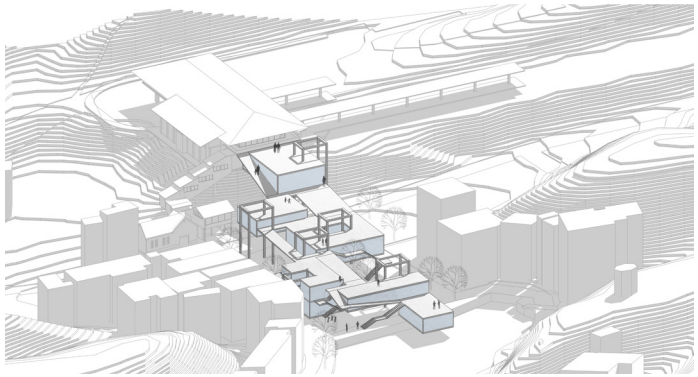




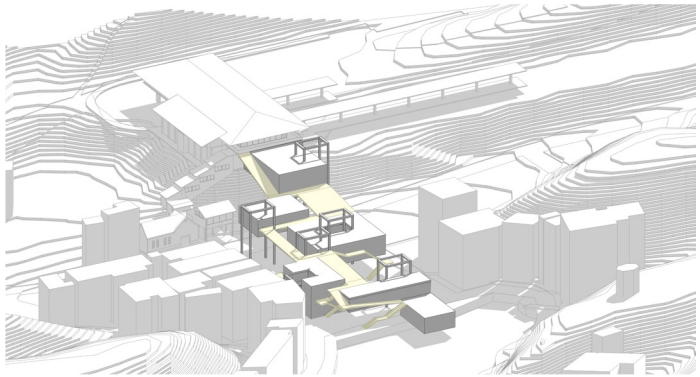




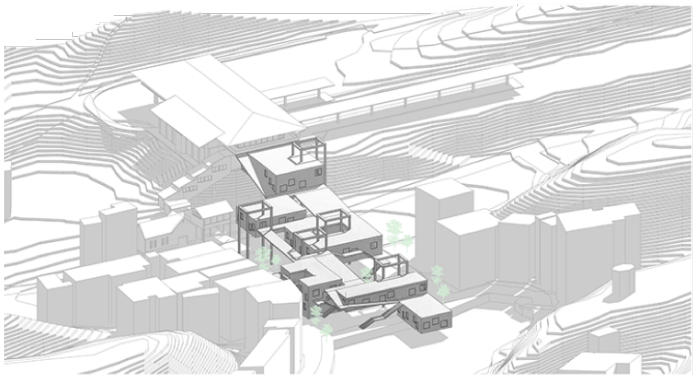
FORM

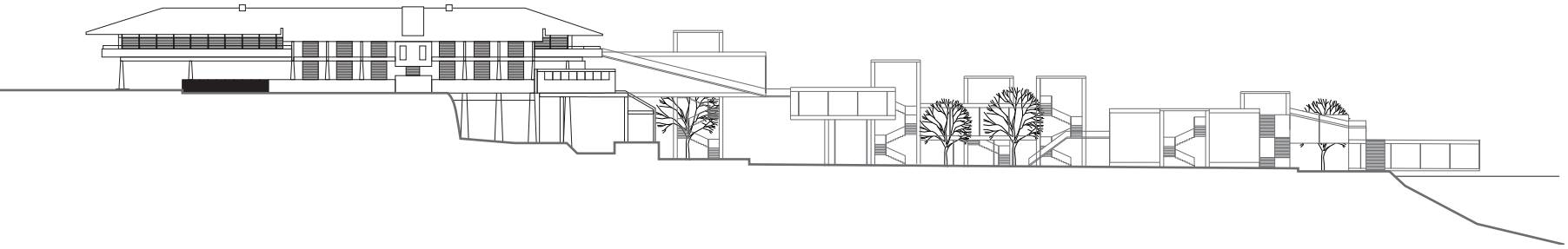


ROOFTOP



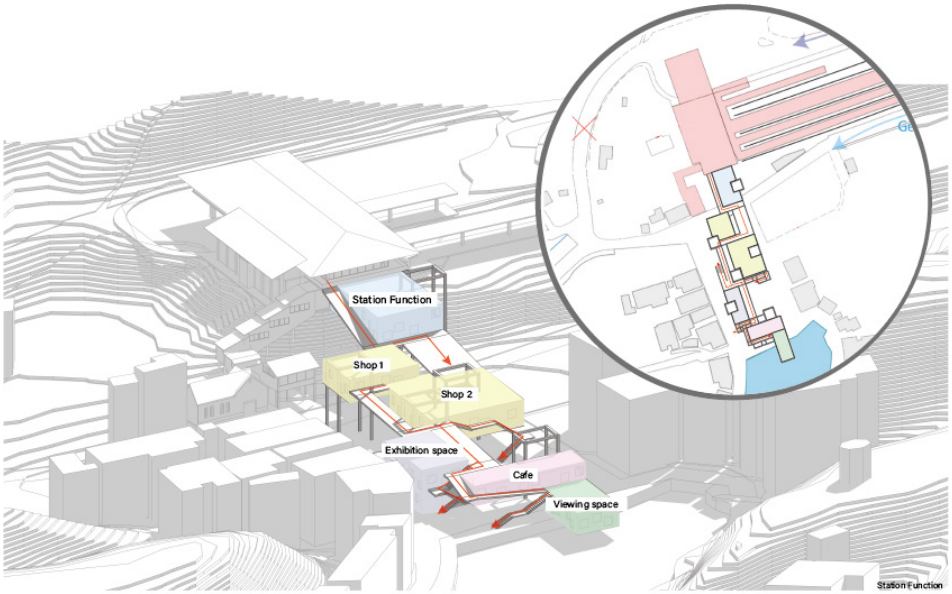
VIEW SLOPE



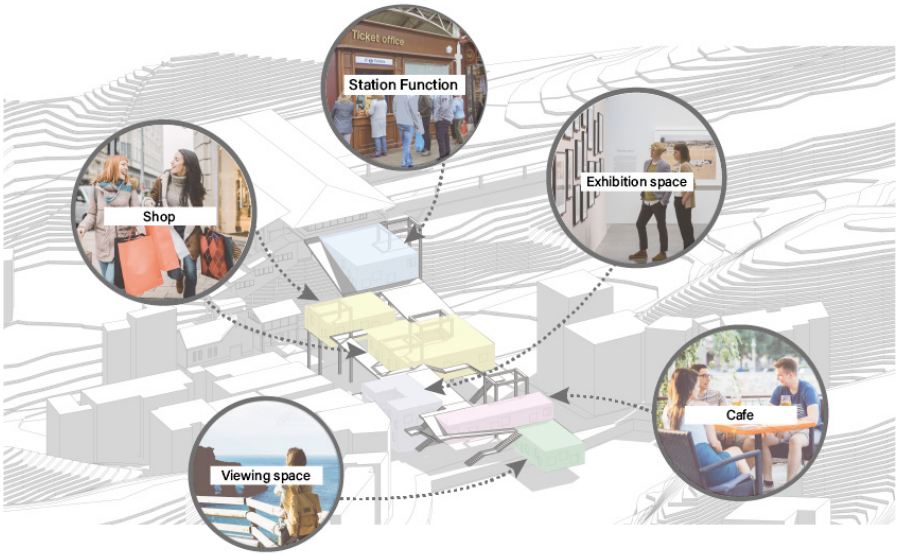


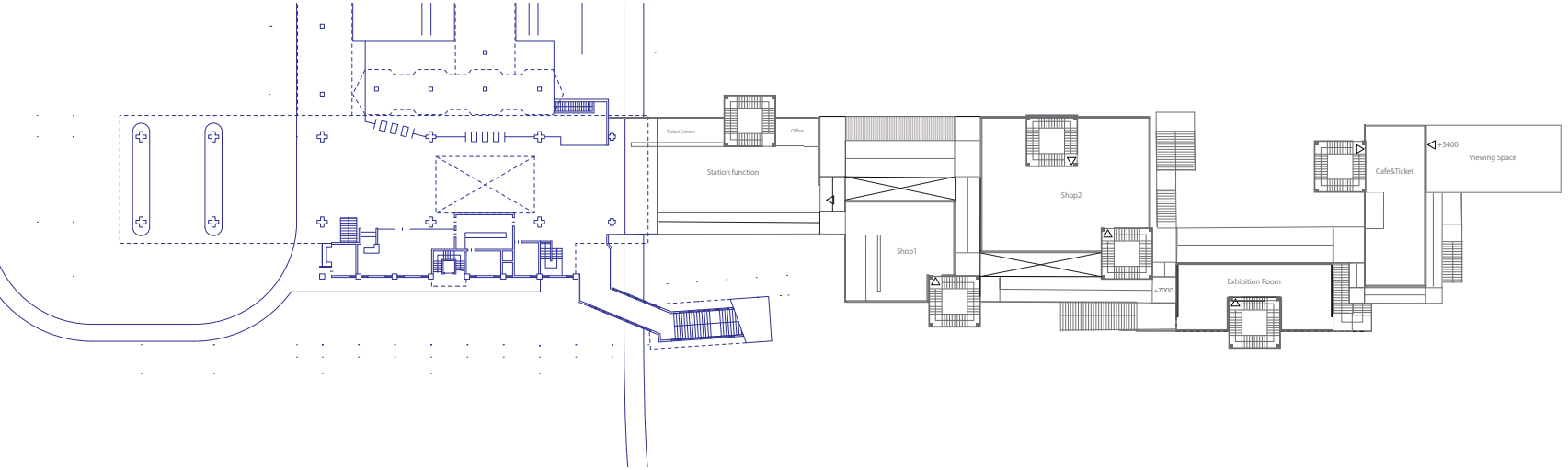
Elevation

FUNCTION

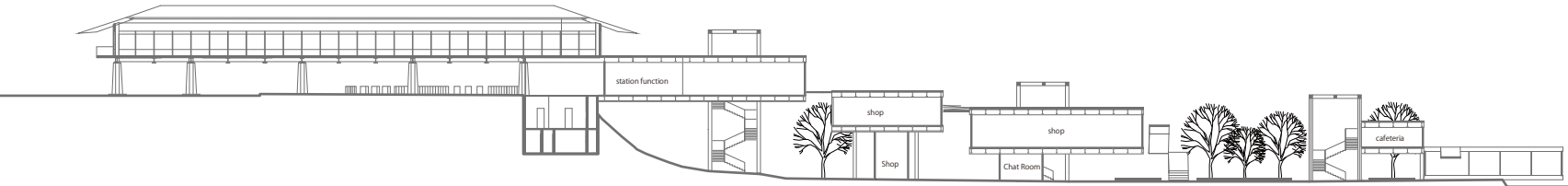


ACTIVITIES

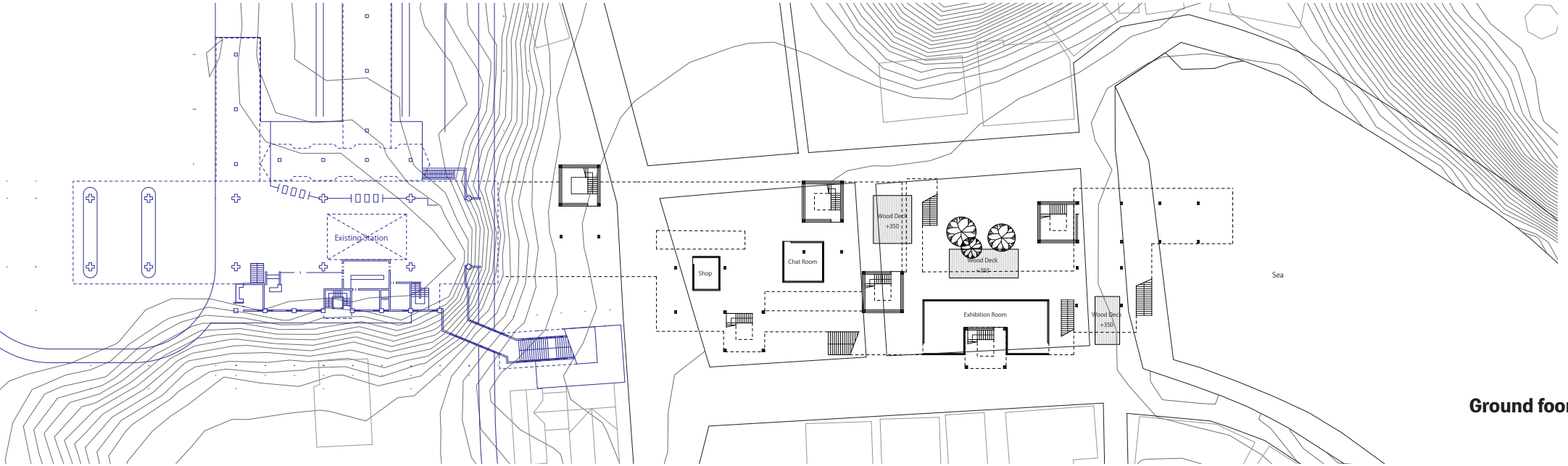




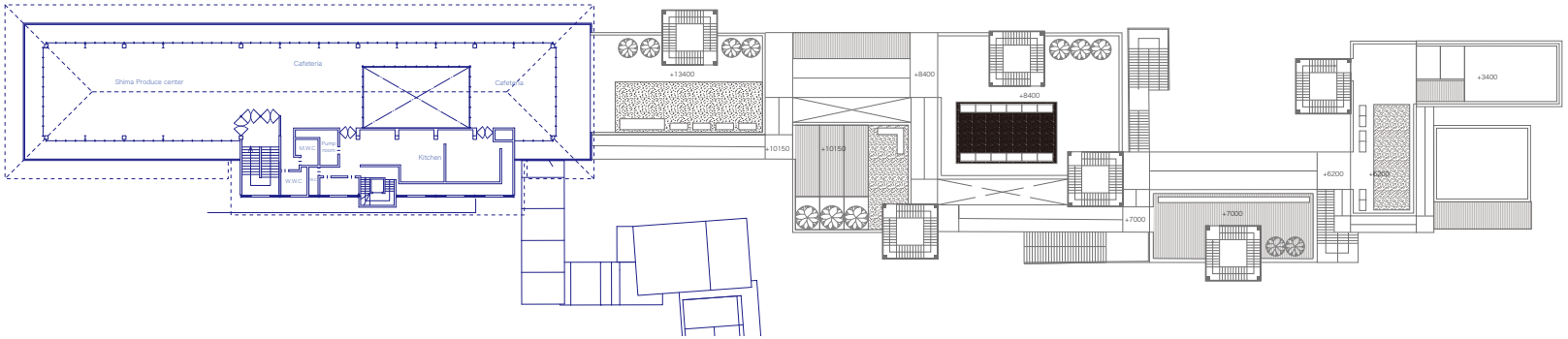
First floor plan



Section



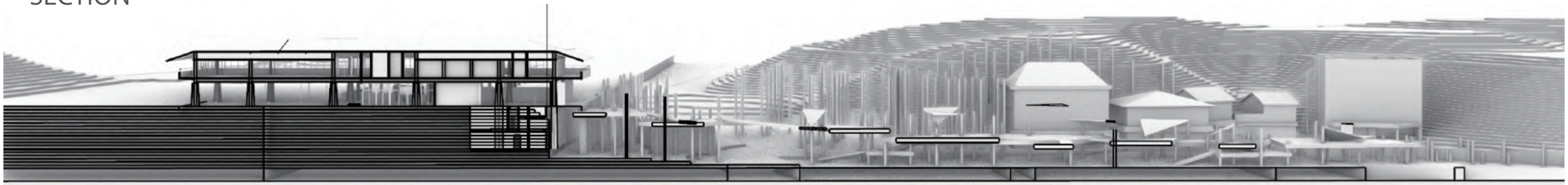
Ground foor plan



Rooftop plan

POLE’ S FOREST

SECTION



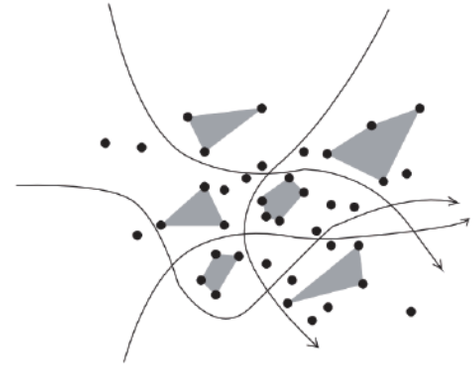
SITE

DIAGRAM

POLE'S FOREST

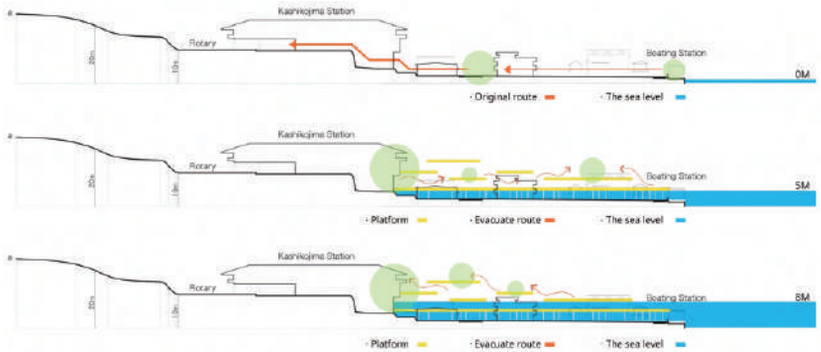
FIRST FLOOR

PLACE SMALL DECK



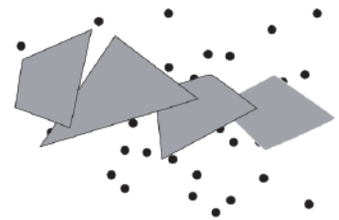
CREAT MANY WALK

SECTION ANARYSIS

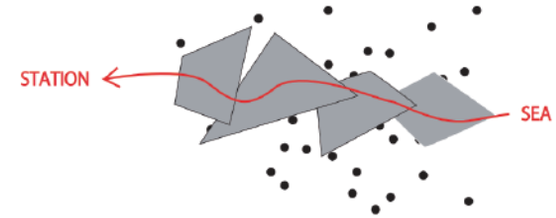


POLE'S FOREST

SECOND FLOOR

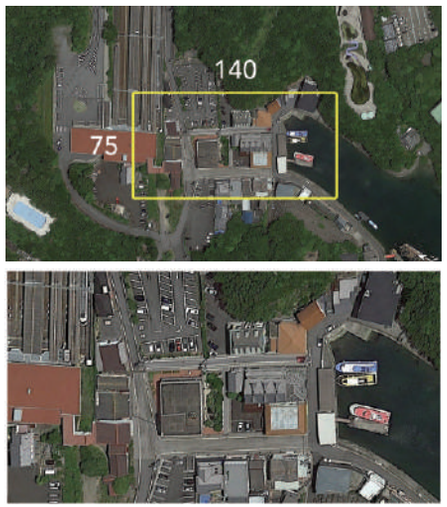


PLACE LARGE DECK

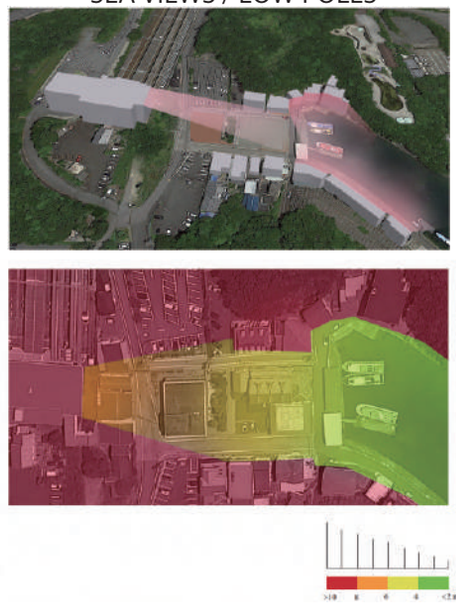


EVACUATION ROUTE

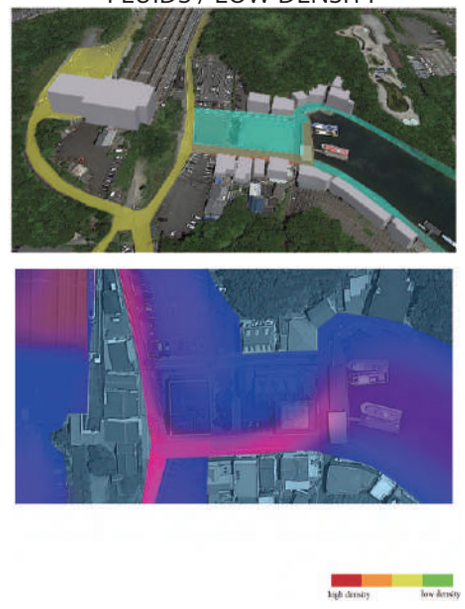
ANARYSIS

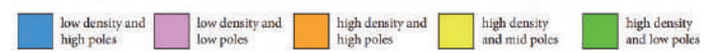


SEA VIEWS / LOW POLES



FLUIDS / LOW DENSITY





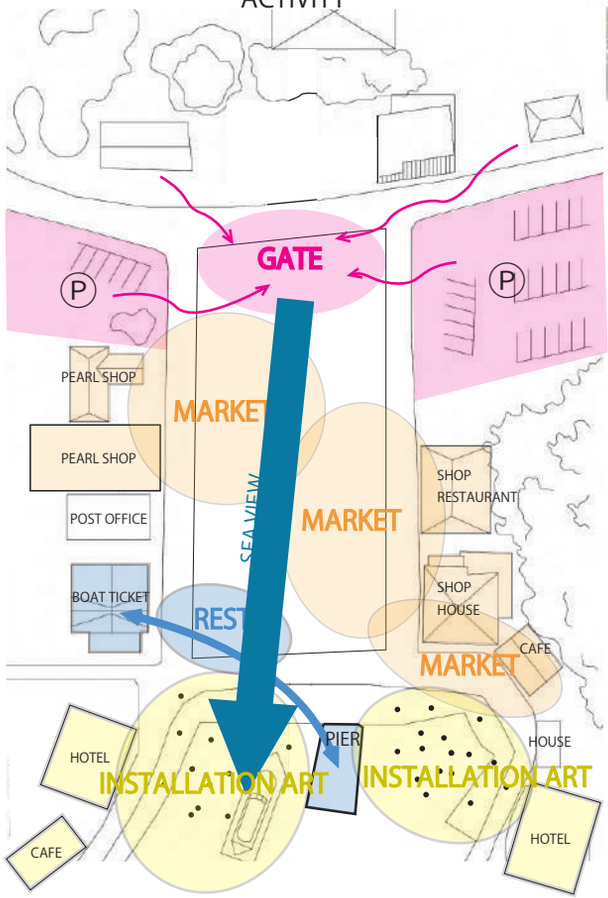
CONCEPT

"POLE' S FOREST"

No Archithcture,

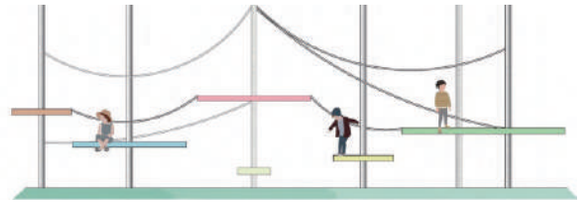
But "Areas of Potential"

ACTIVITY



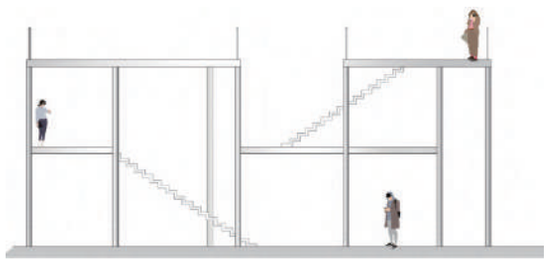
VEGETATION

PLAY AREA



WAITING AREA

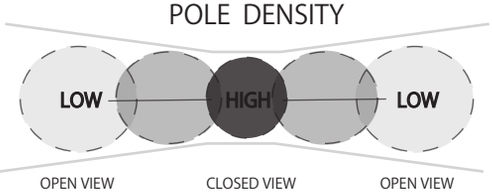
WELCOM MOOD



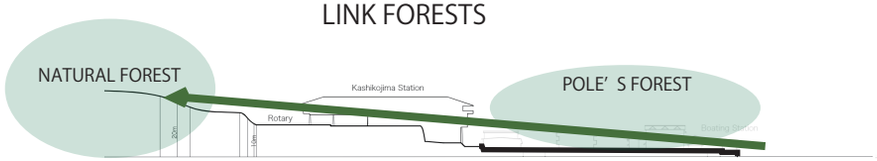
MARKET

STATION DIAGRAM

POLE DENSITY

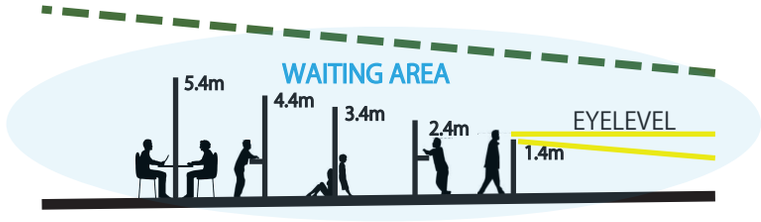


LINK FORESTS



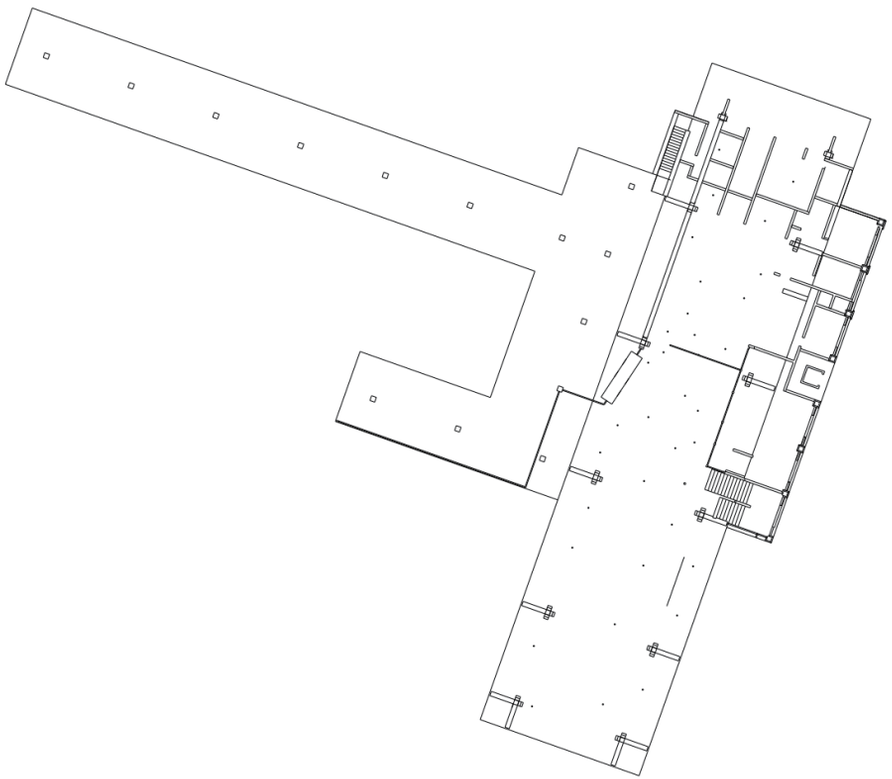
AXIS

POLE HEIGHT & ACTIVITY

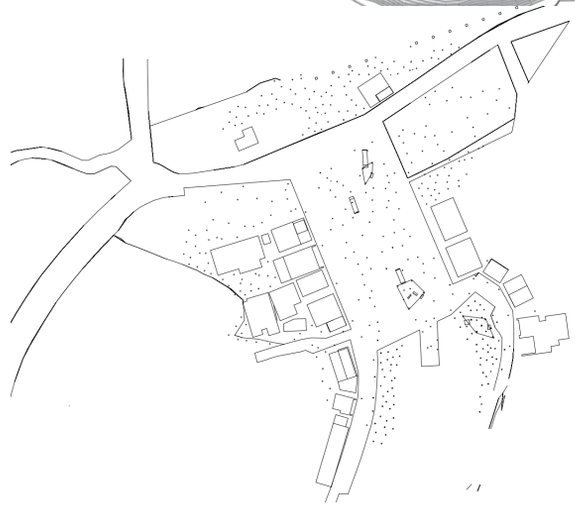


MASTER PLAN

STATION PLAN

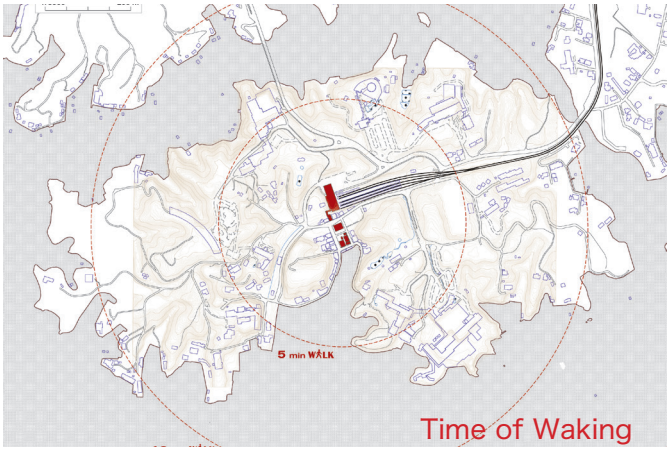


1F PLAN

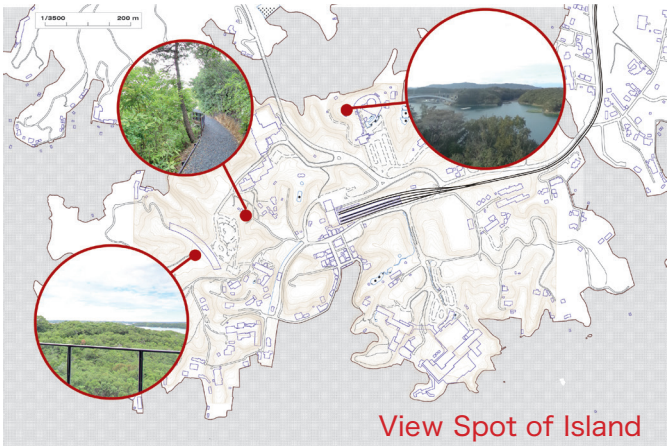


ISLAND PATHWAY

ANALYSIS



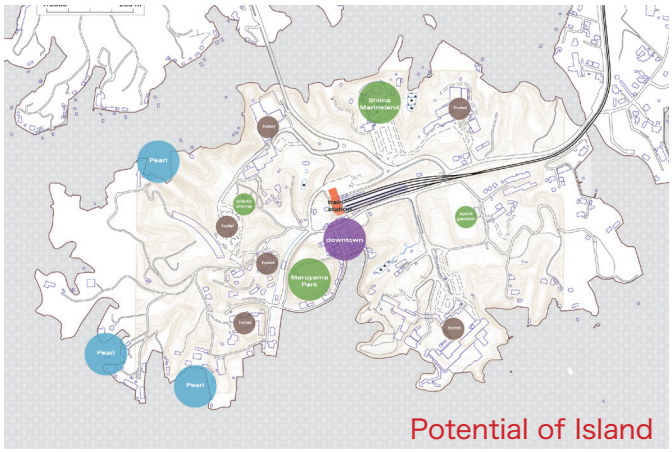
Time of Waking

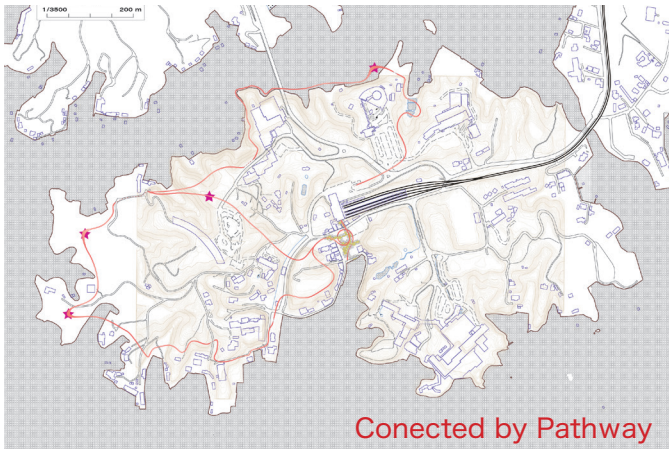


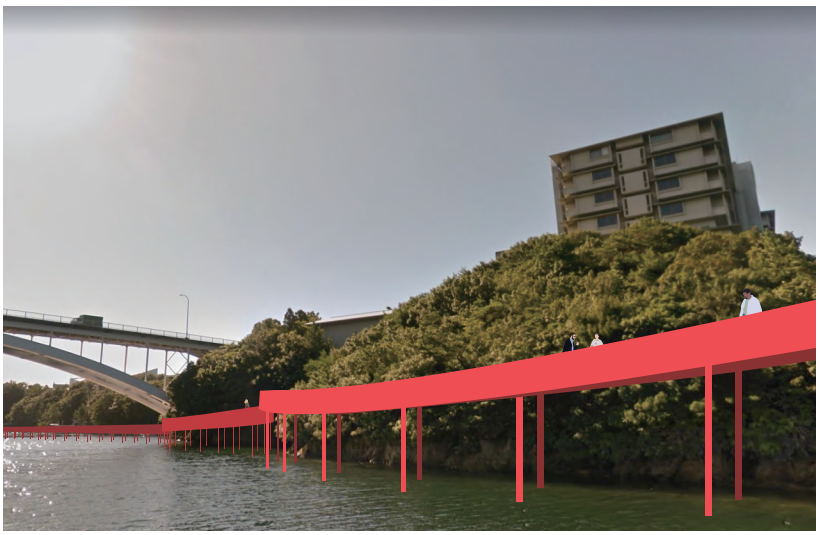
View Spot of Island

URBAN DESIGN

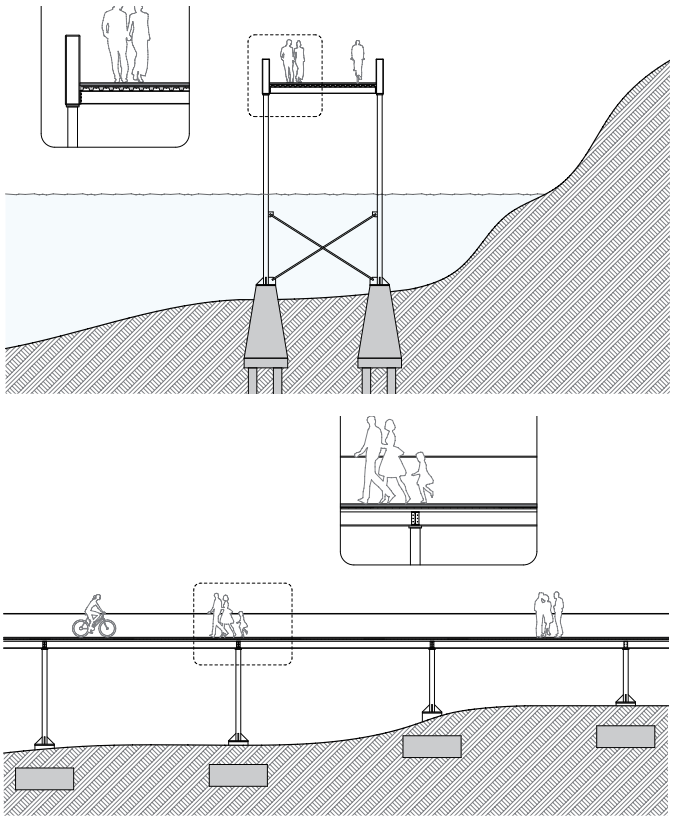
☐ PLAN OF PATHWAY

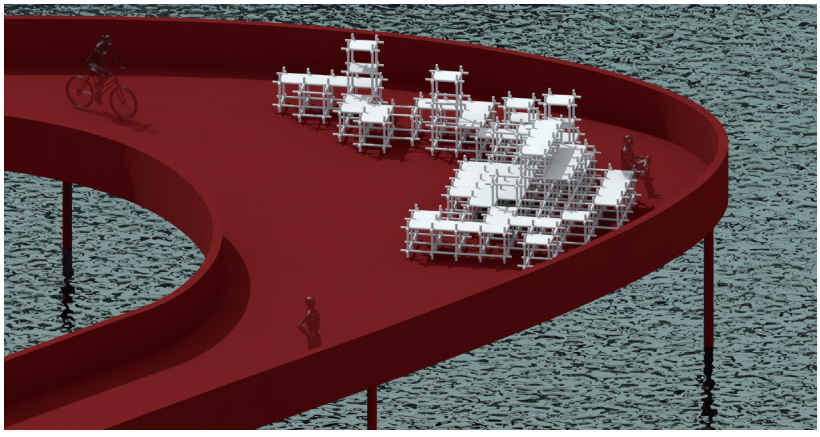


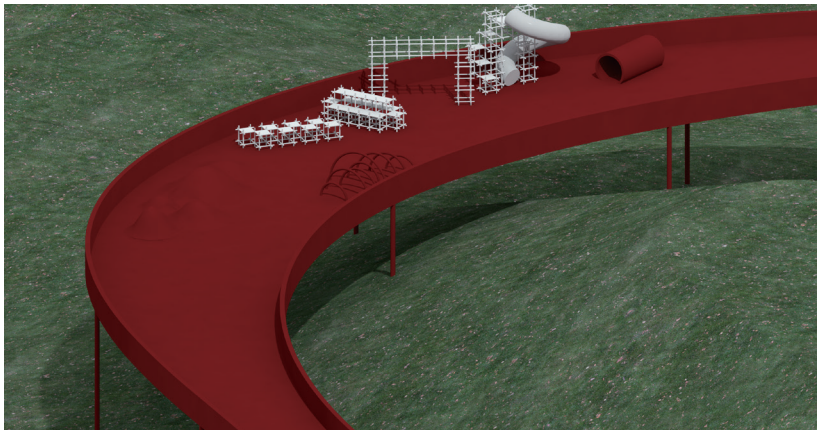


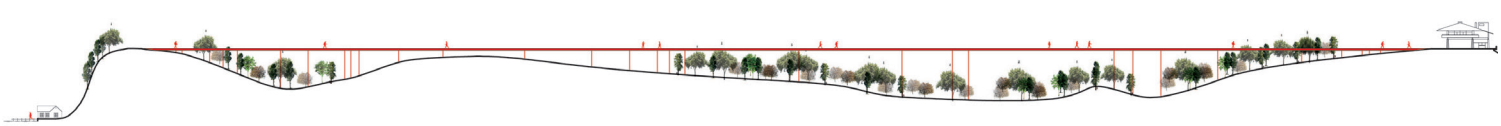


☐ SECTION DETAIL



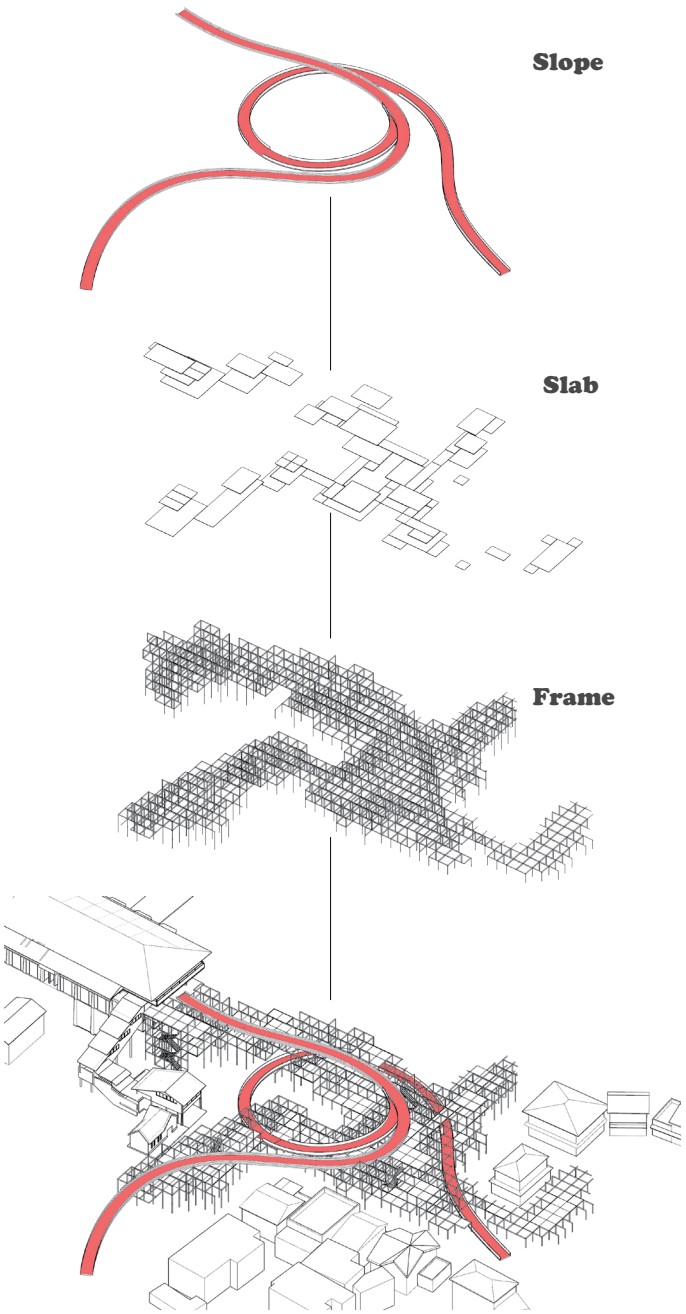




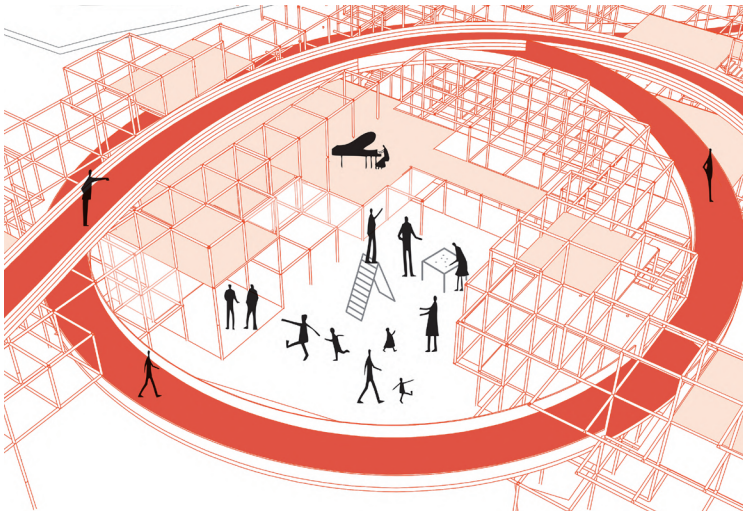


ARCHITECTURE DESIGN

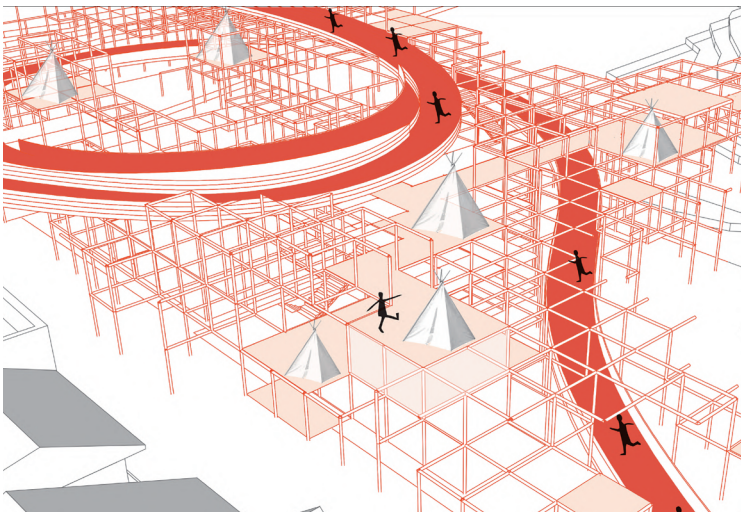
☐ AXONOMETRIC



☐ ACTIVITY

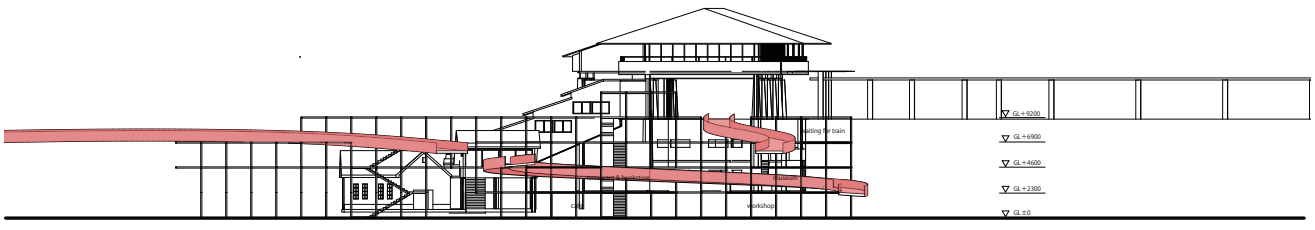


Main Plaza

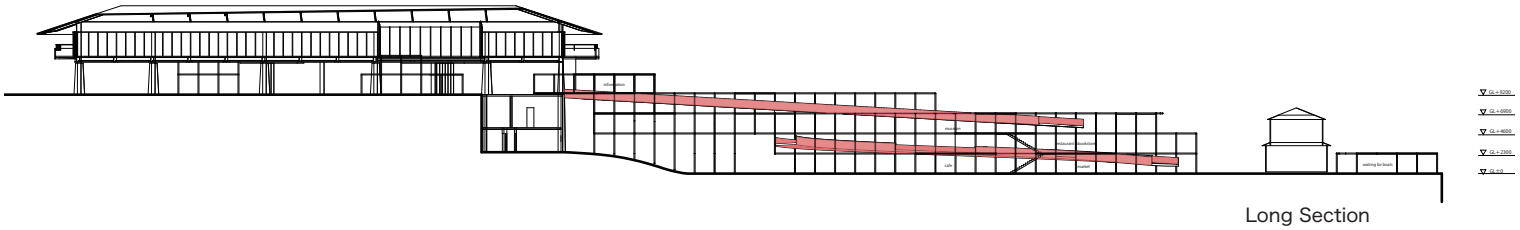


Roof Deck

☐ SECTION

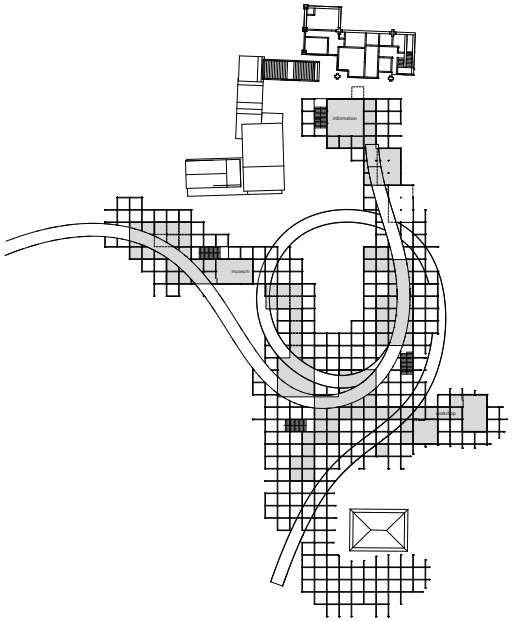


Short Section

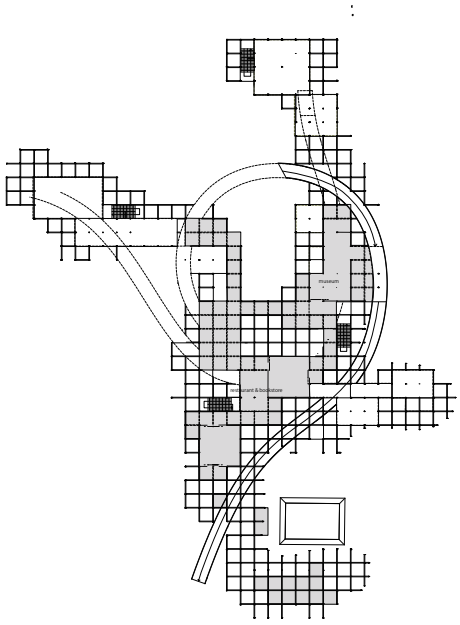


Long Section

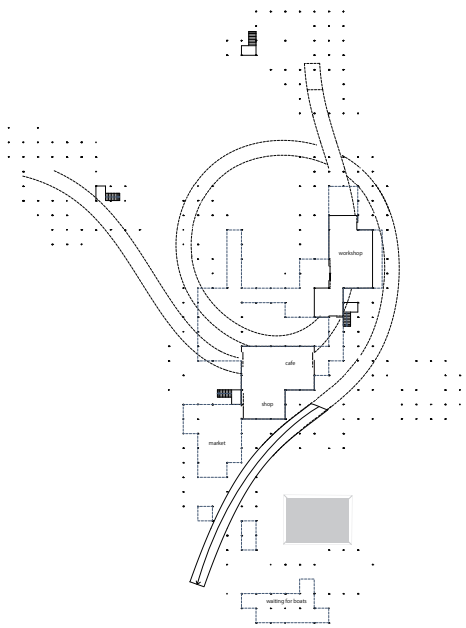
□ PLAN



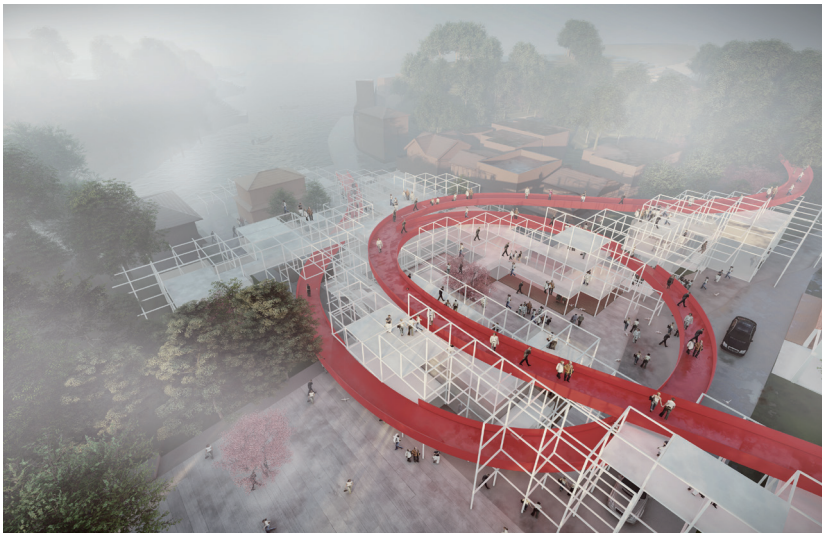
2F Plan



1F Plan



GL plan

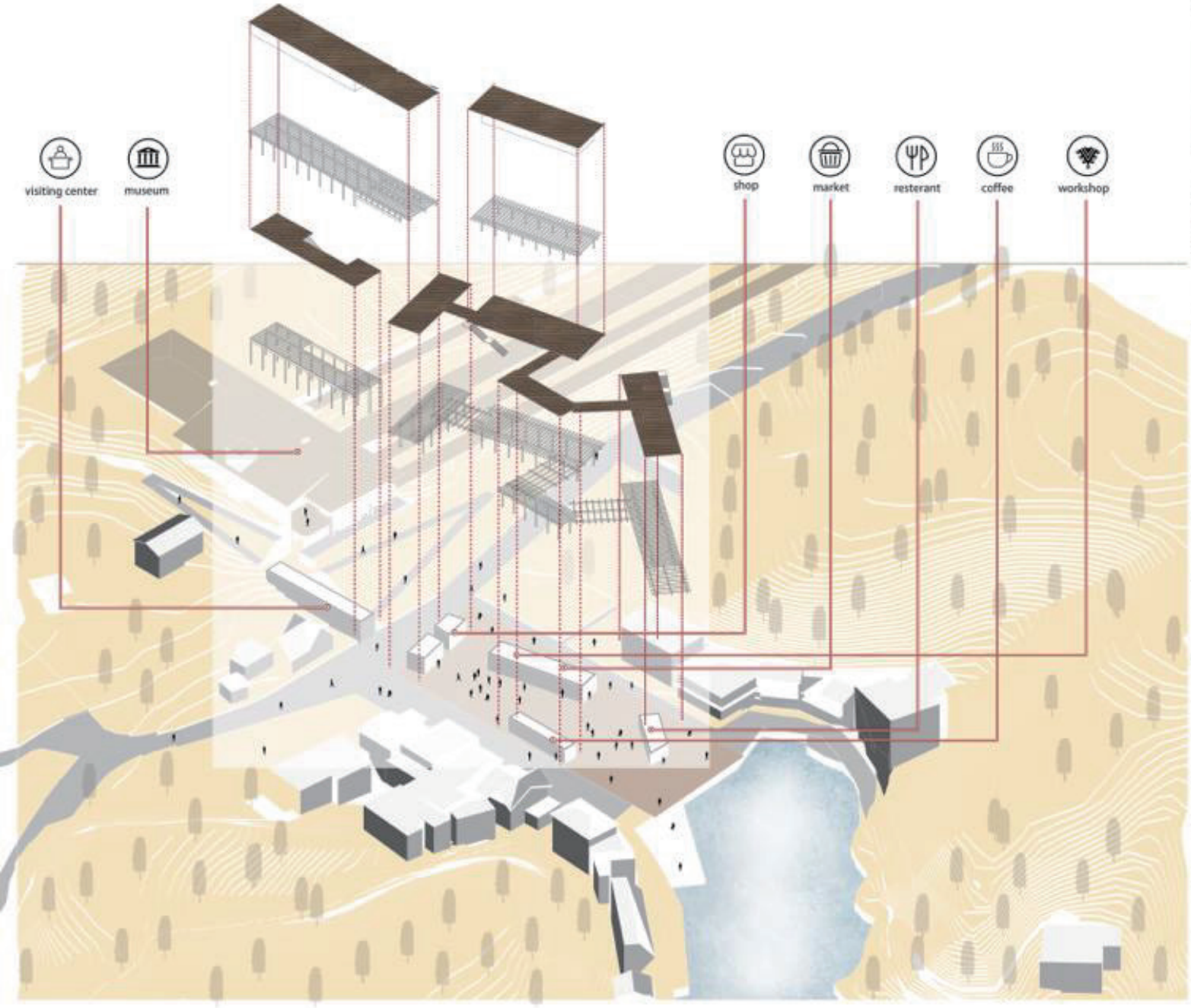


GATHERING AROUND THE RAFTS

GATHERING AROUND THE RAFTS

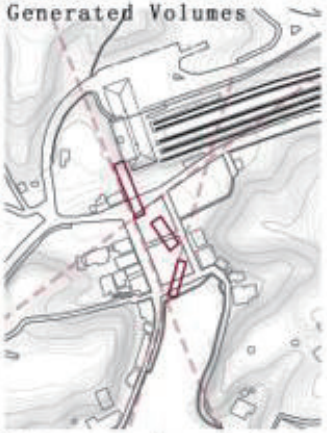
Keisuke ITABASHI Masaya OHTA
Haoran LUO Zhicheng ZHAO
Musa SAHAN Noam CARMI

Site Features

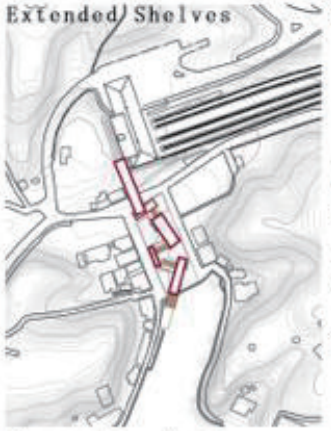


Control Lines

Generated Volumes

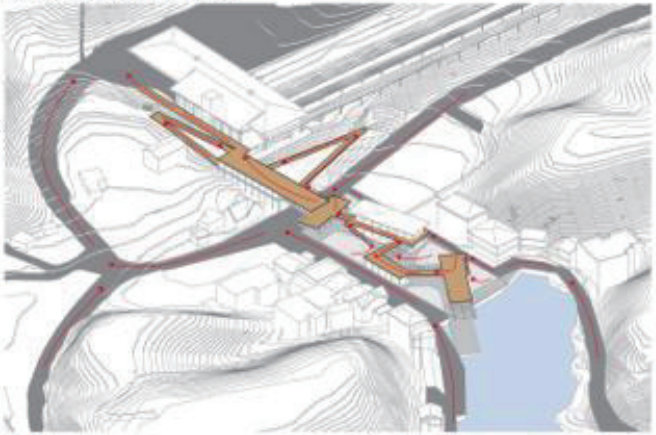


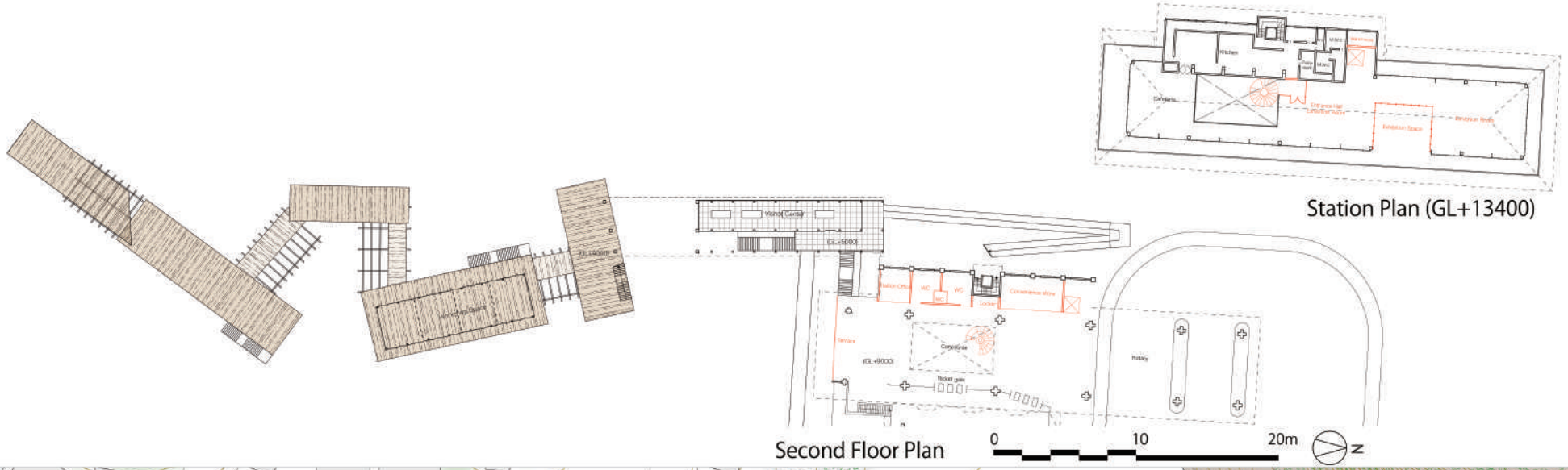
Extended Shelves

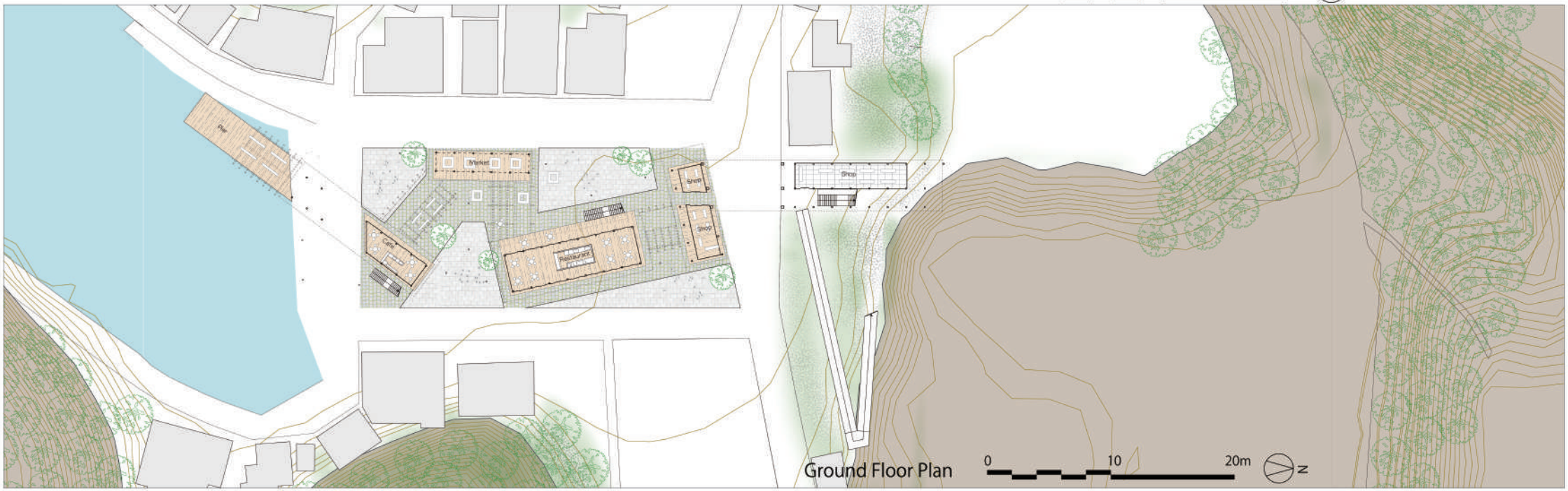


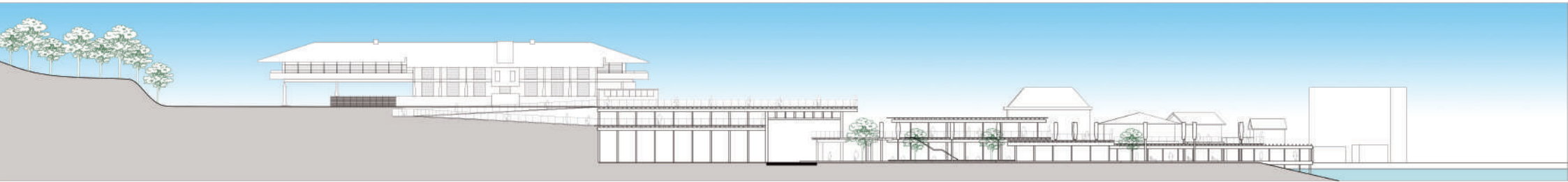
Connected Open Space

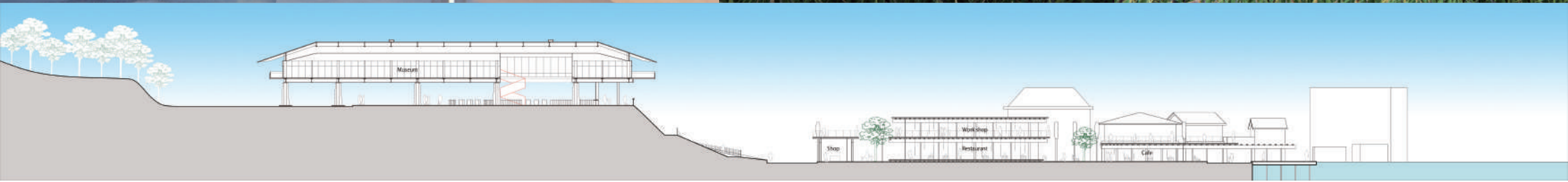
Evacuation Route

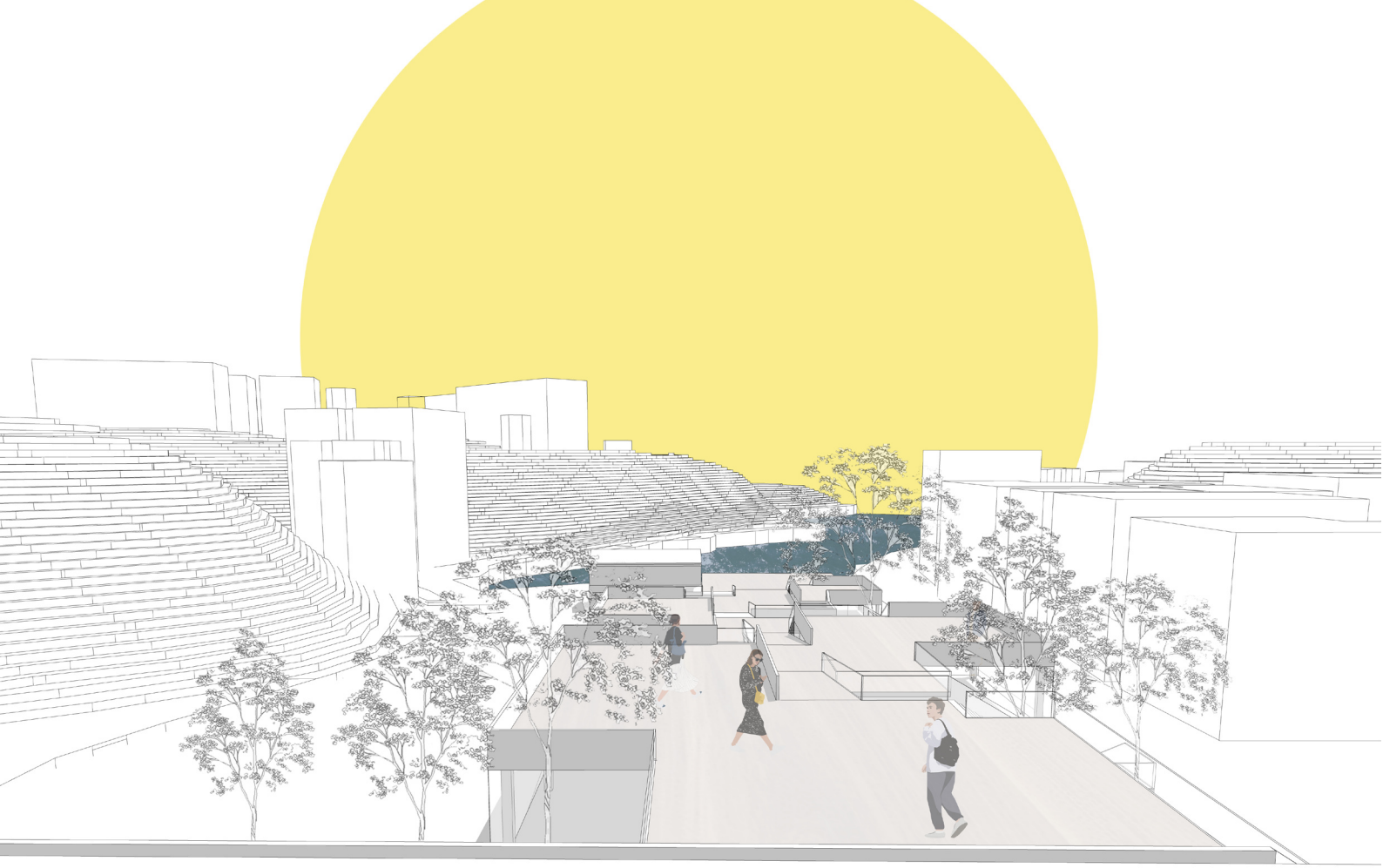



Station Plan (GL+13400)
Second Floor Plan
0
10
20m
N


Ground Floor Plan
0
10
20m
N

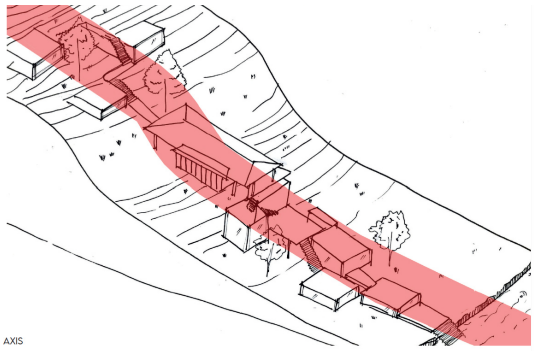



Museum
Shop
Work shop
Restaurant
Cafe

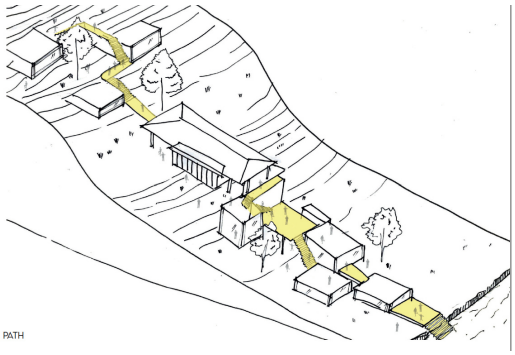


RAISING LEVEL

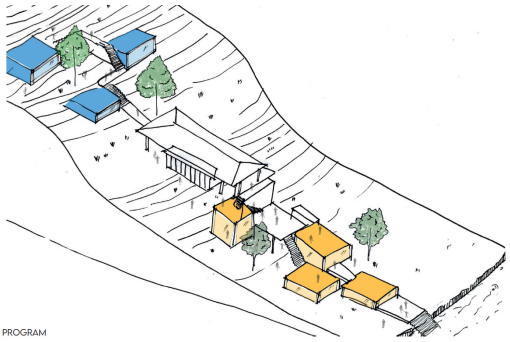
A skip-floor terrace connects Ago Bay to Kashiko-jima Station and the observatory, and then to the accommodations on the mountain. The terraces can be accessed by stairs and ramps, and below the terraces are facilities where you can experience the nature and specialties of Kashiko-jima, such as a seafood restaurant and a diver's experience facility, as well as a history museum with a hall where local residents and tourists can gather for festivals and events, creating a lively space that can be used on a daily basis by local residents and tourists. It is a lively space that both locals and tourists can use on a daily basis.



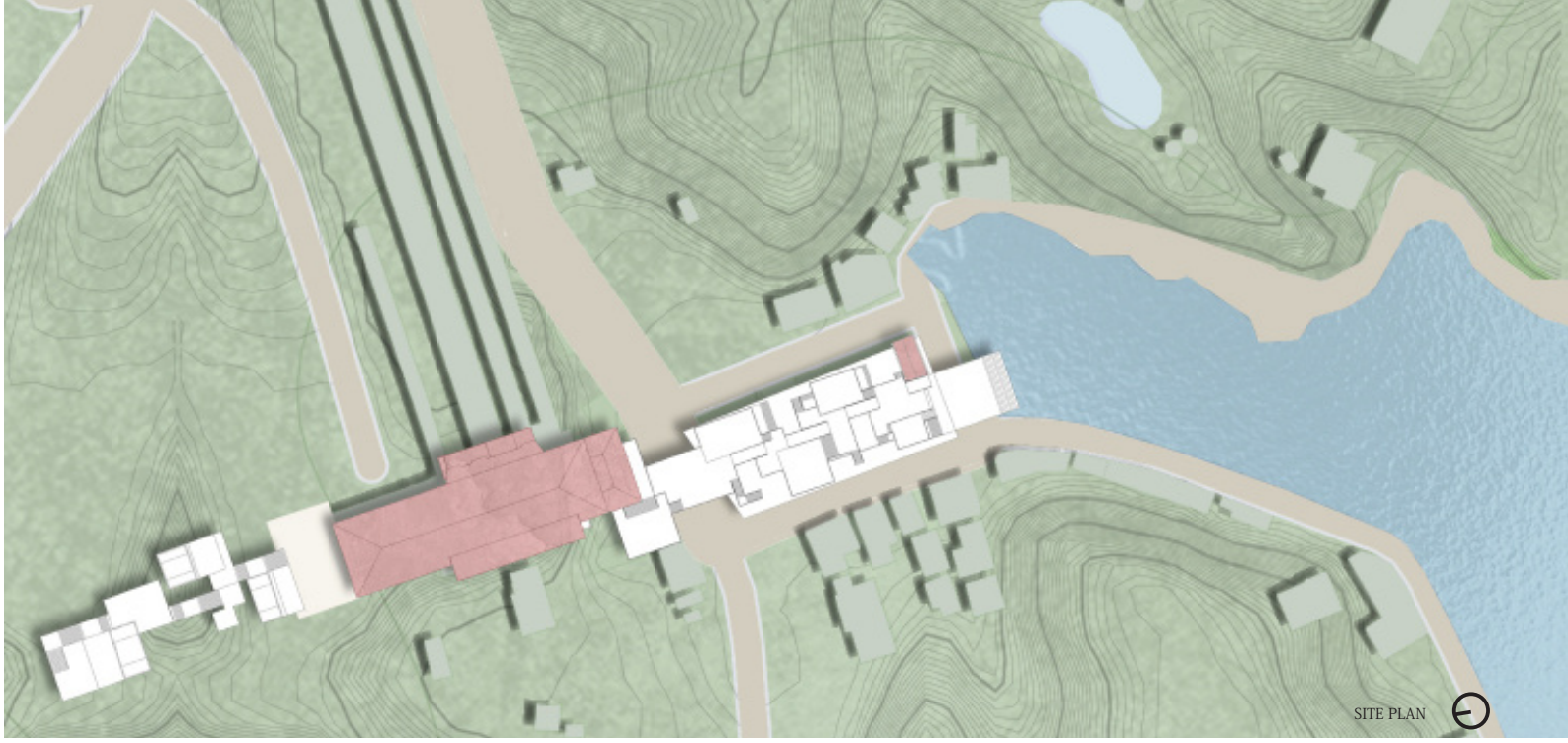
AXIS

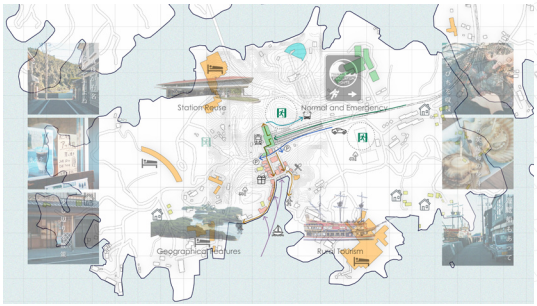


PATH

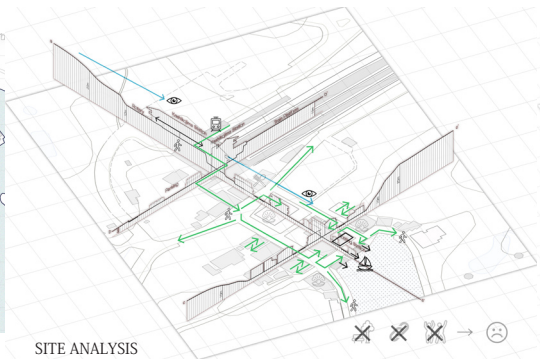


PROGRAM

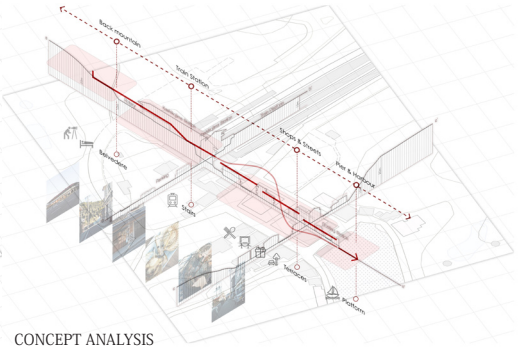




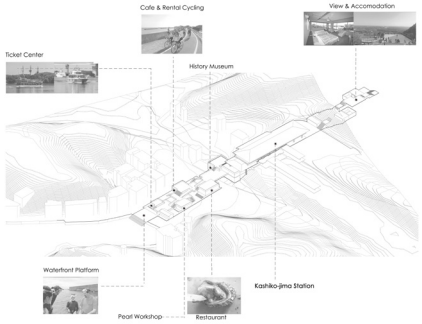
BACK GROUND



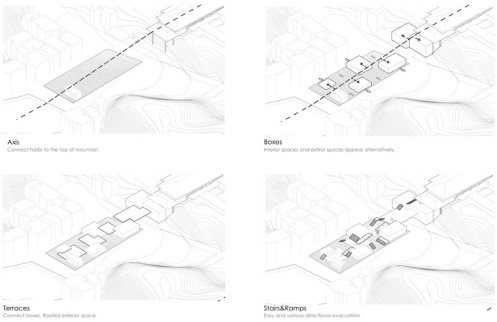
SITE ANALYSIS



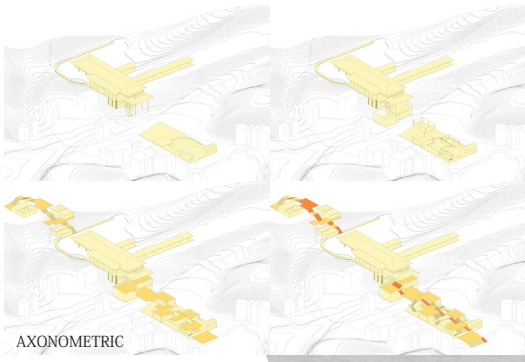
CONCEPT ANALYSIS



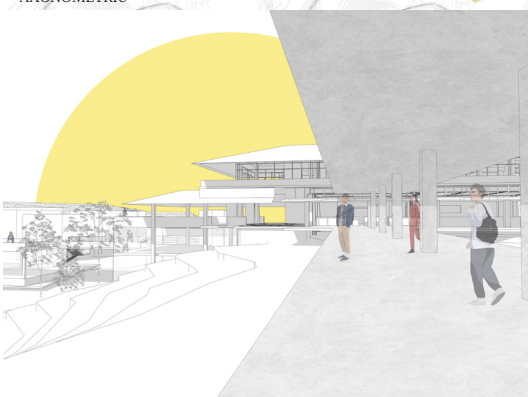
ZONING&PROGRAM

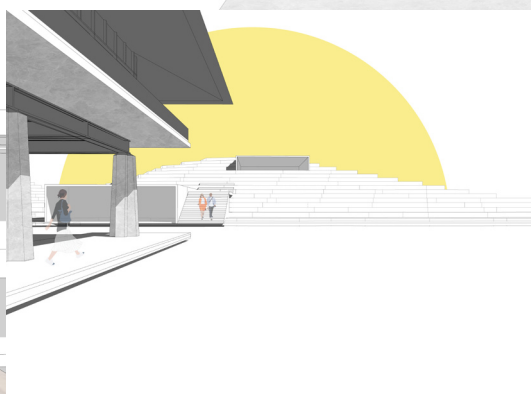


HOW TO MAKE



AXONOMETRIC

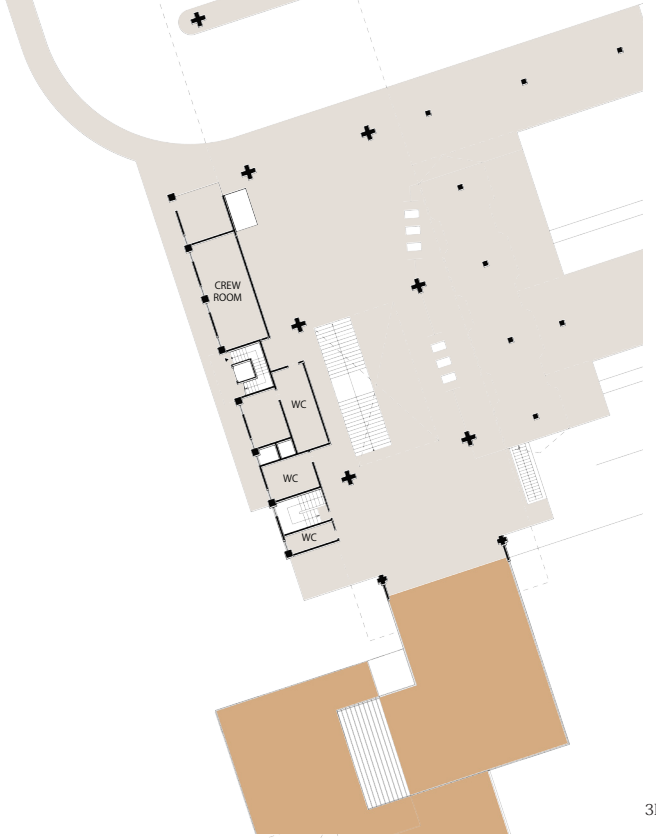





Nap room
Storage
History Museum
Malti-Purpose Hall
Seafood Restaurant
Rental Cycling
Cafe
Pearl Work Shop
Ama (Diver) Experience

1F PLAN

2F PLAN



3F PLAN

4F PLAN

SECTION

Connection

Interpretation of New Rural Tourism Based on Kashiko-jima Station and Response to Tsunami

Coordinators: Hisashi KOMATSU (Nagoya U.) Miya YAMADE (Nagoya U.) Boris WELIACHEW (ENSA-PVS) Adrien DURRMEYER (ENSA-PVS) Sophie ROUGERIE (ENSA-PVS) Ying ZHENG (Tianjin U.) Zhigang WANG (Tianjin U.)

Student: Kazuki YAMAMOTO (Nagoya U.) Yuta INO (Nagoya U.) Morgane LETAN(ENSA-PVS) Léa BLAND(ENSA-PVS) Lucas PROVO(ENSA-PVS) Ailin WEI(Tianjin U.) Xinzhe WANG(Tianjin U.)

1.ISLAND SCALE

Potencial & problem - connection

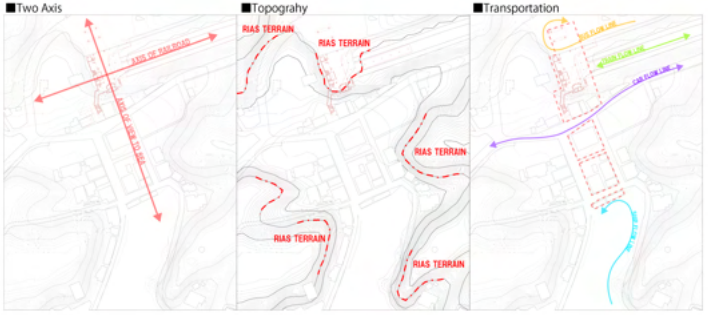
between residents and tourists not tight enough

1. Lots of commerce around the site centre, Hotels are concentrated nearby, within a walking distance.

2. residents far away of the centre, dificult get to work

3. Public space (Parks, Aquarium..) near the centre and commerce

2.SITE SCALE



■Two Axis

The existing building that made by Murano Tougo respects two axis. For example, cross pillar.So we should respect it too.

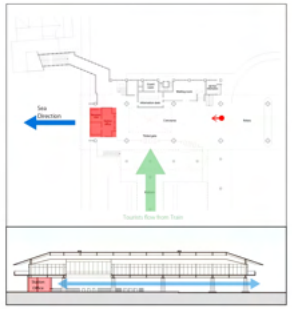
■Topograhy

Rias terrain is quite rare in coastal topograhy. We should take advantage.

■Transportation

There are 4 transportations in this area. Train, Car and Bus and Ship

3.BUILDING SCALE



Problem - view

The connection is broken Tourist can not see the ocean view because there are station office between the sea and the station.

The ocean view is one of the most important value in Kashikojima.

Strategy & Analysies

The idea would be to reconnect the local population and tourist with each other, and enhance the strengths of the site: pearl artwork and landscape. It would also create access routes from the residences of the local businesses.

The train station would be the meeting point between these two populations, at the center of an urban planning project.

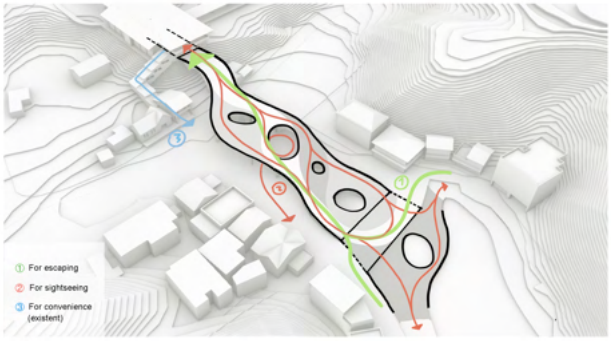
The site is located by the sea and is in Japan's tsunami-prone zone. The tsunami is expected to rise one meter in ten minutes and five meters in 27 minutes, so local residents and tourists need a very clear path to escape

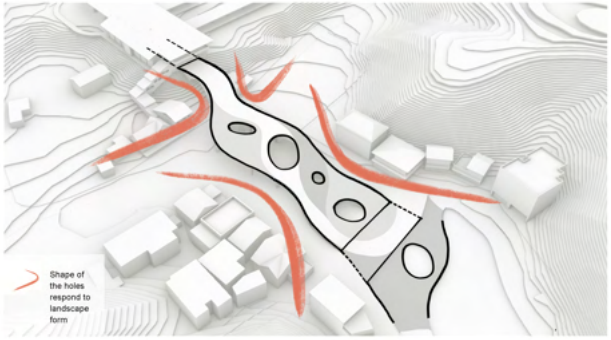
So we have three strategies:

1.We want to design different materials to the platform. We want to create some green land on the top. Wood will be used as a place for people to stay and have a rest. The gray one is concrete, which is the original material of the structure of the platform.

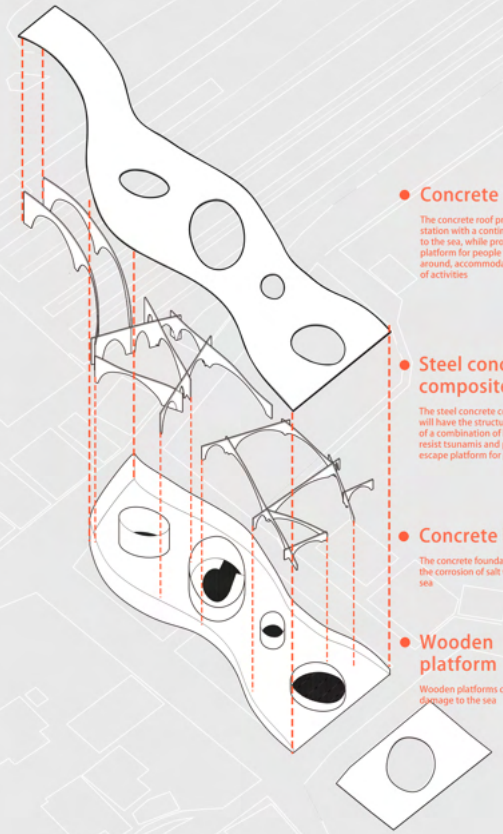
2.We want to create three kinds of flow lines. Flow number one is for escaping, it is straight and connects the coast and the station directly. Flow number two is for sightseeing, it is curved and connects the coast, the spiral stairs and the station.

3.The holes respond to the shape of the topography and the existent road. They can not only allow people to go up to the platform, but also let sunlight get through.



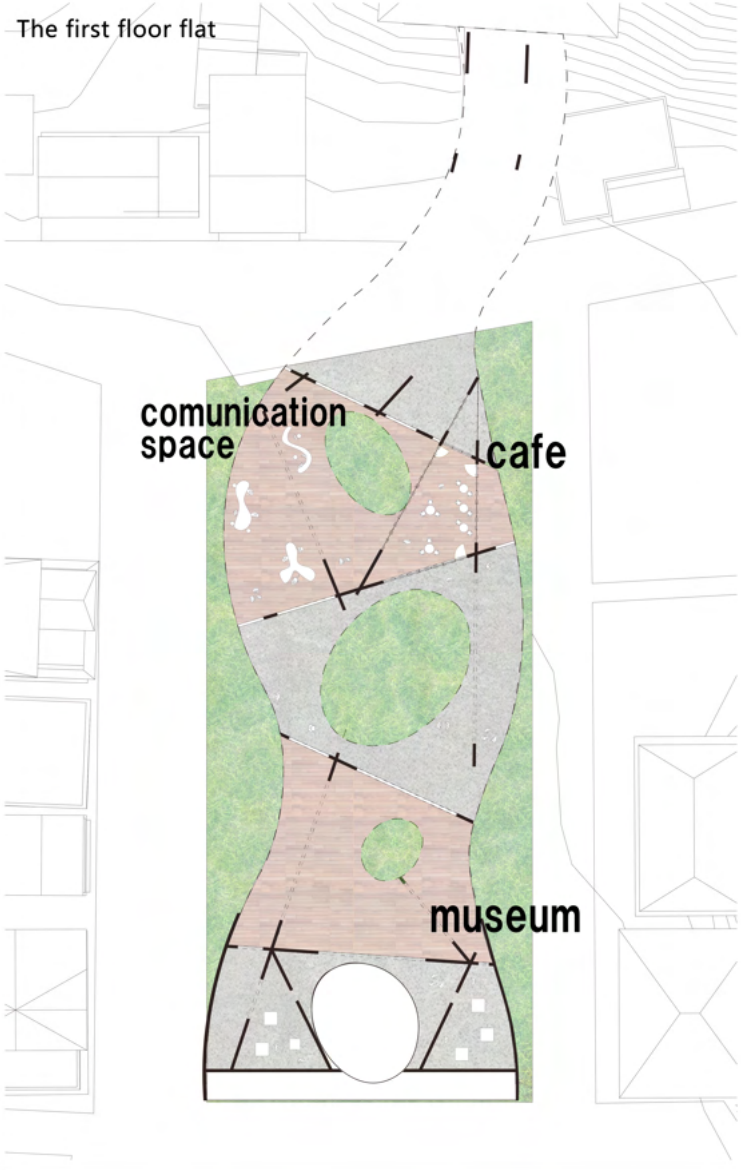


Structure diagram

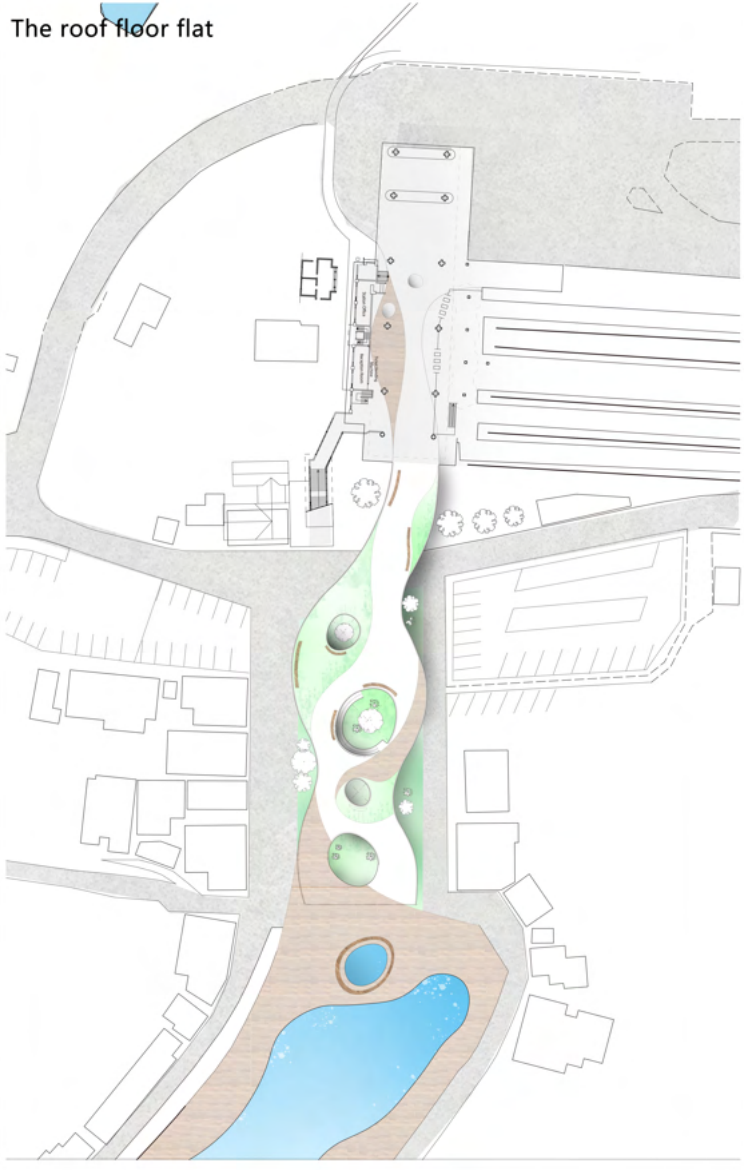


- **Concrete roof**
  The concrete roof provides the station with a continuous interface to the sea, while providing a platform for people to move around, accommodating a variety of activities
- **Steel concrete composite wall**
  The steel concrete composite wall will have the structural strength of a combination of buckles to resist tsunamis and provide a safe escape platform for people
- **Concrete base**
  The concrete foundation can resist the corrosion of salt water by the sea
- **Wooden platform**
  Wooden platforms can reduce the damage to the sea

The first floor flat



The roof floor flat



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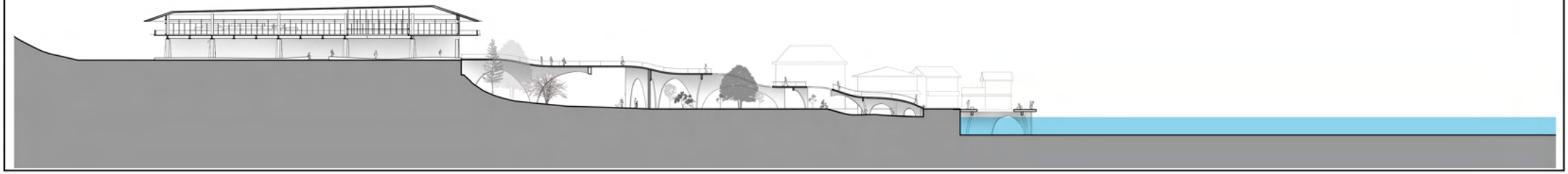
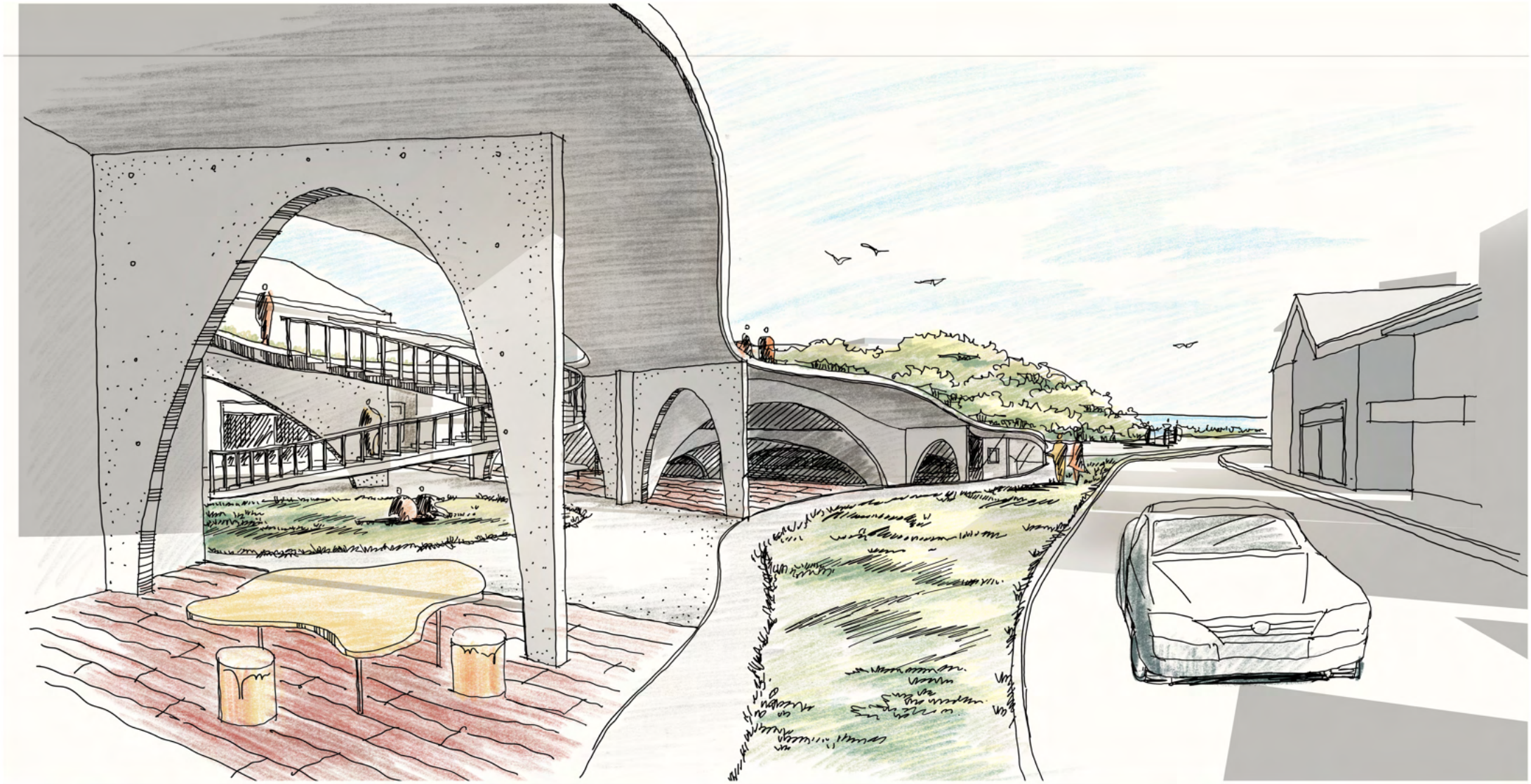
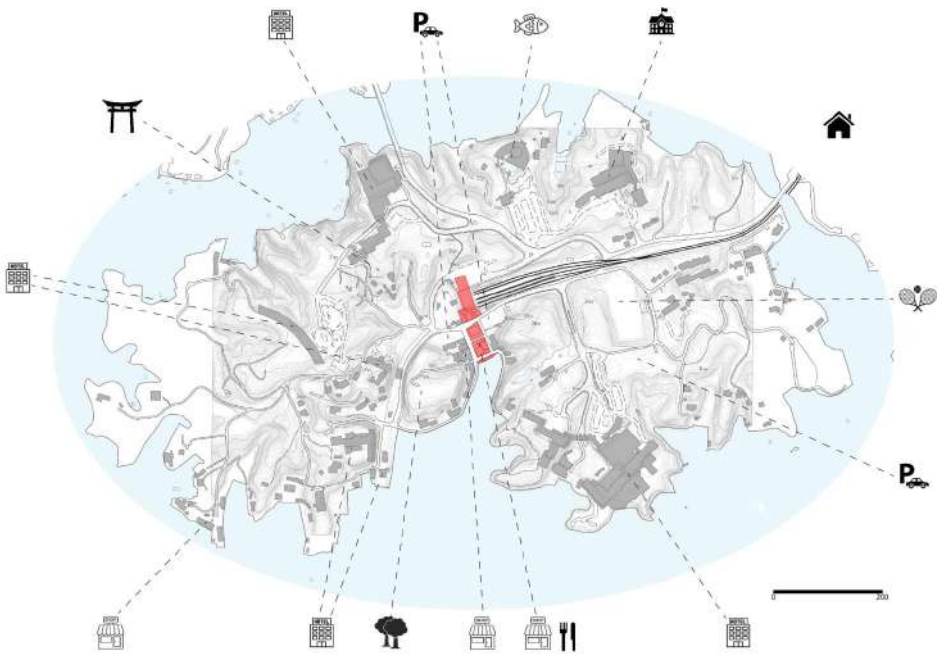


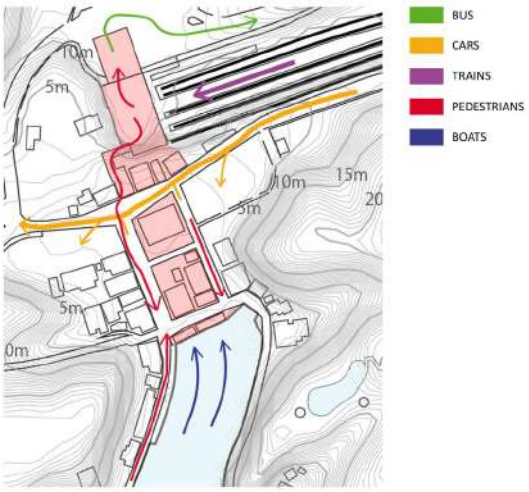


International Workshop 2021
Group 7

Analysis

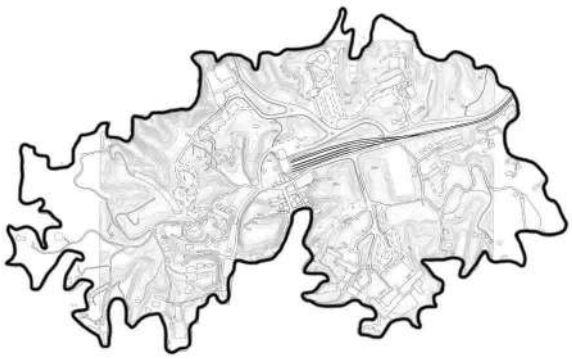
Kashiko Island - Diversity of the surrounding program





POPULATION : 98
AREA : 0,68 km2
CIRCUMFERENCE : about 7,3 km
TOURISME : Estimated number of people boarded at Kashiko-jima station in 2016 : 859

Kashiko Island



Kashiko Jima Culture

Pearl Culture

Pearl sales and processing shop | pearl and oyster farming | Pearl processing

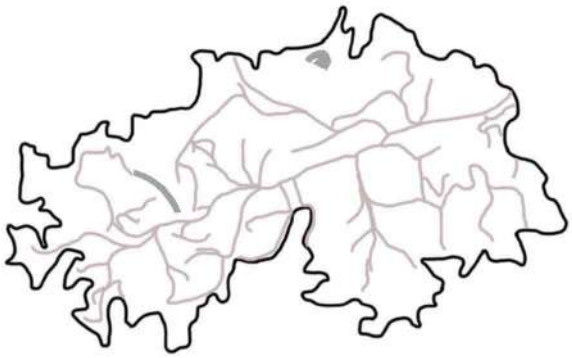
The National Pearl Research Institute was set up on Kashikojima Island, and the Seaside Experiment Station was set up on Tatoku Island, and the current pearl farming technology was established in Ago Bay.

Due to its topography, Kashiko Island is composed of different organic forms. Also the roads and paths are curved because of this pronounced topography.

The curved shapes which relate to the organic shapes of the island make the link between the new building and the station.On the outside, we find straight

Ama Culture

Ama fishing is famous in Japan,and most of ama are women. In this area lettuce is also actively cultivated.
The fishing industry is thriving, and the fisherman's rice "tekone sushi" is famous on the island.

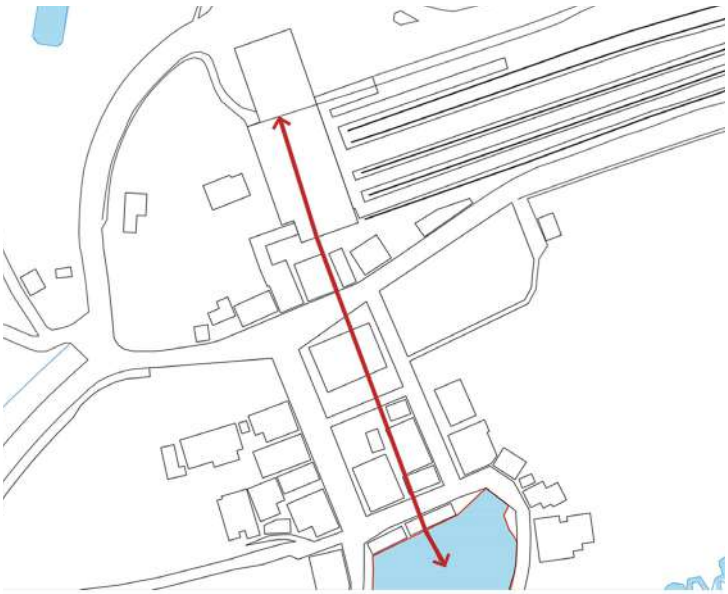


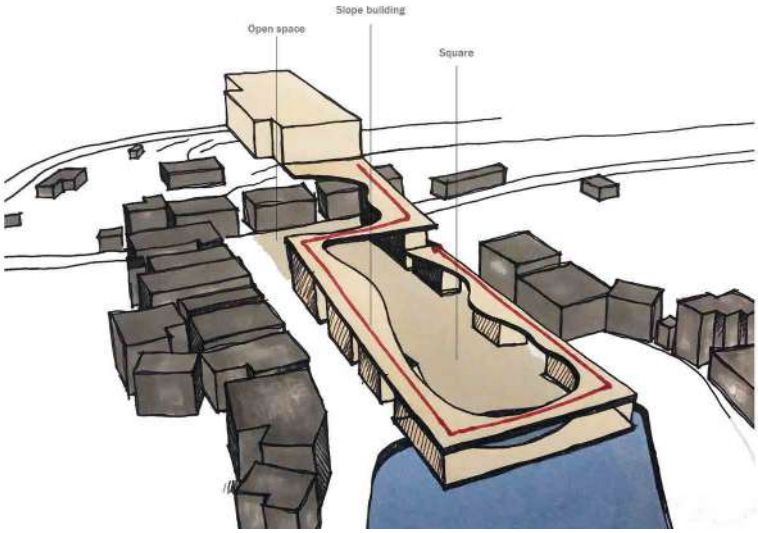
Potential of the site

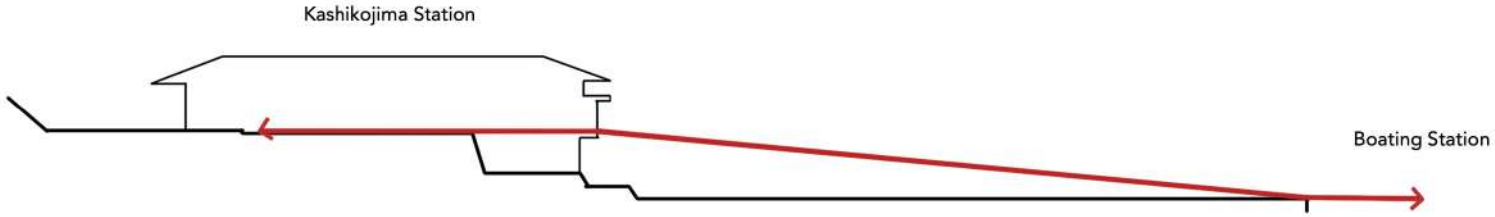
A community facility which includes :

- Traffic transfer system (railway/ship/bus/private car/hotel car)
- Local center where residents tend to gather and provide travel advisory to tourists
-Historical museum where residents serve as guide
-Restaurants, shops which may investigated by properties outside the island
-Landscape outdoors with the facility of a dock
-Entertainment with a resilience to get through the winter

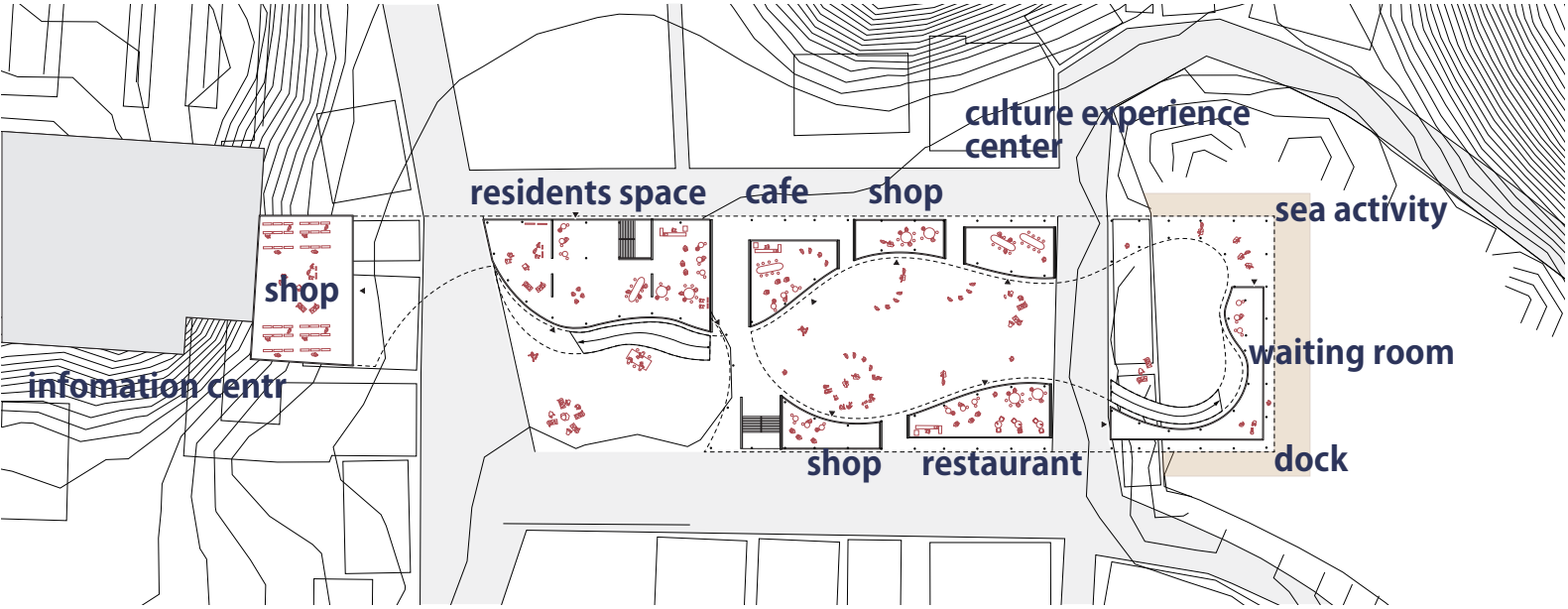
Concept



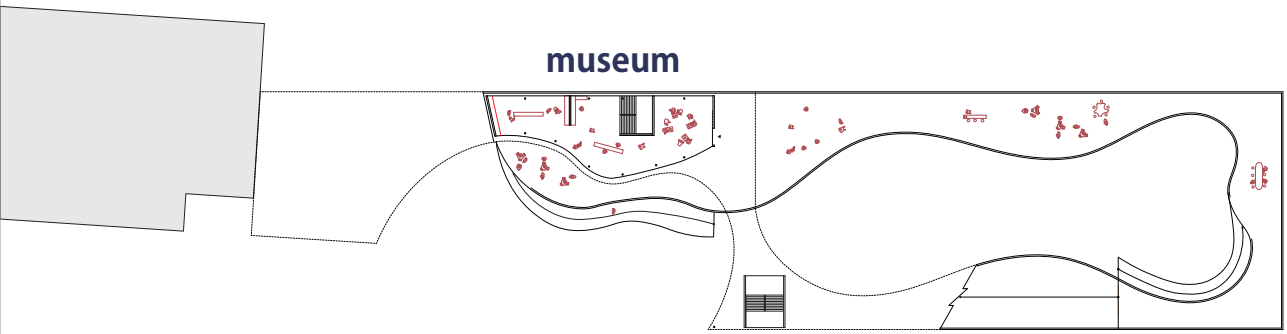




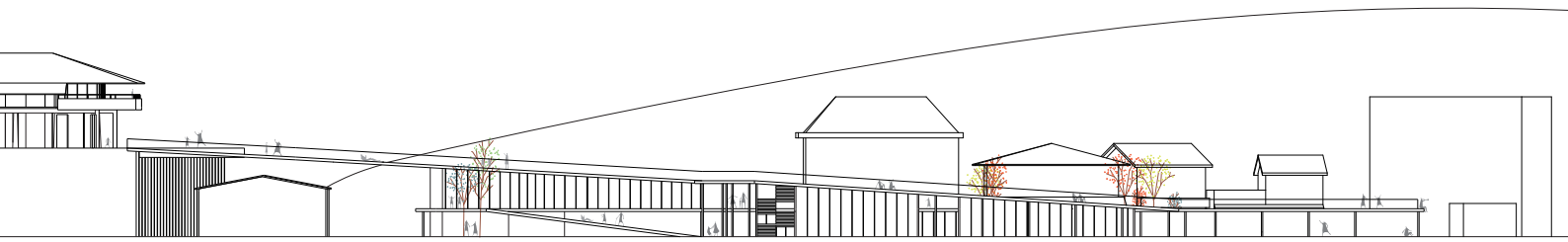
The first floor



The second floor



Elevations



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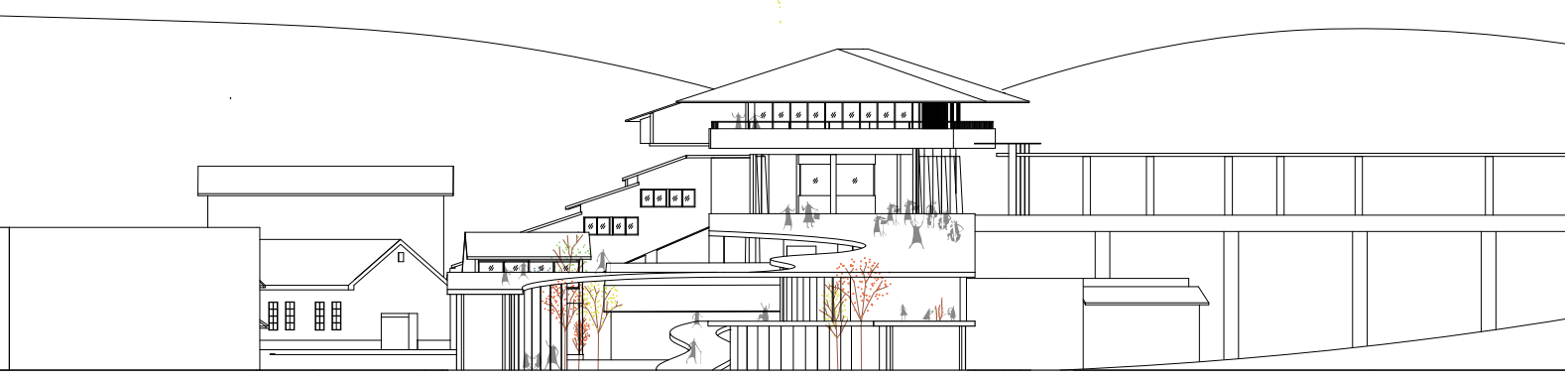
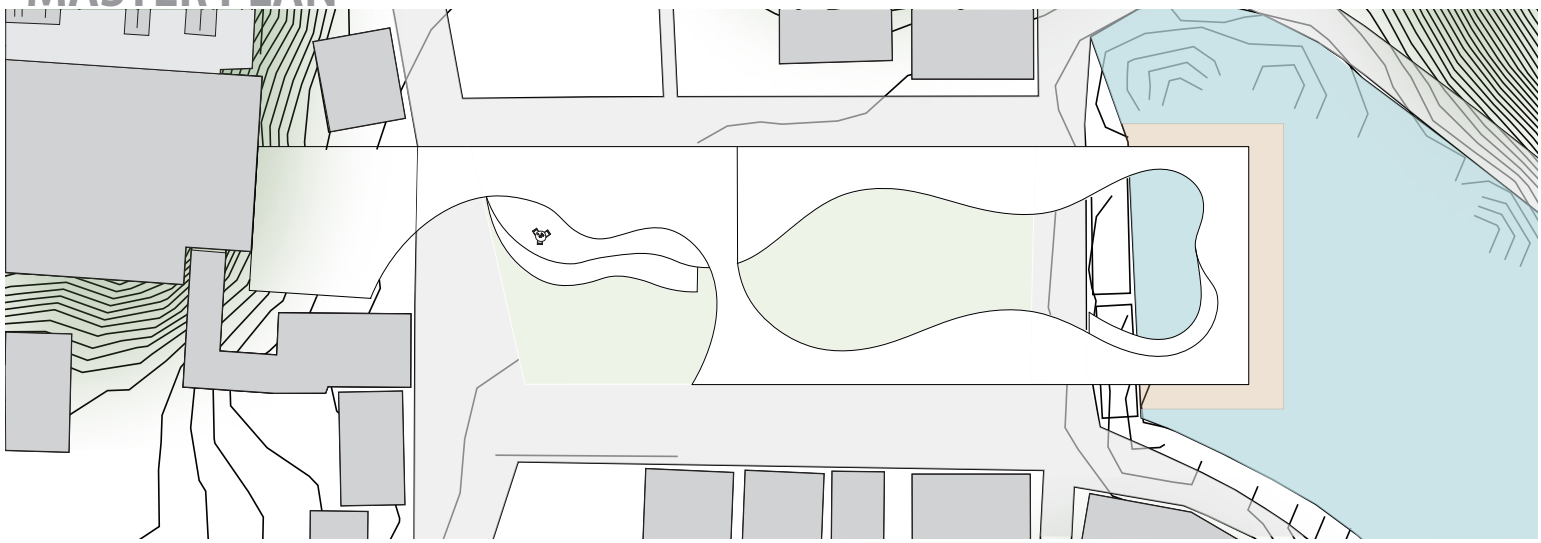
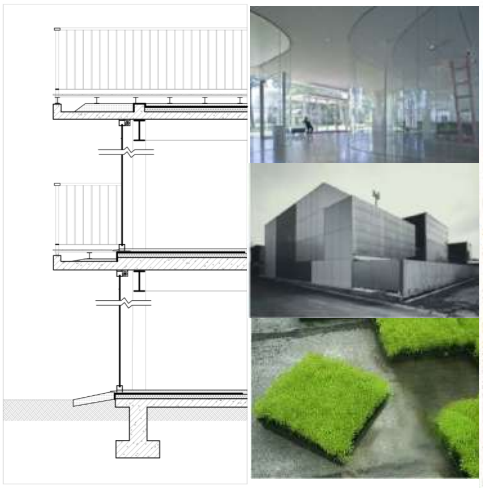


MASTER PLAN



GLASS & ALUMINUM façade
ROOFTOP GREENERY CONTAINER

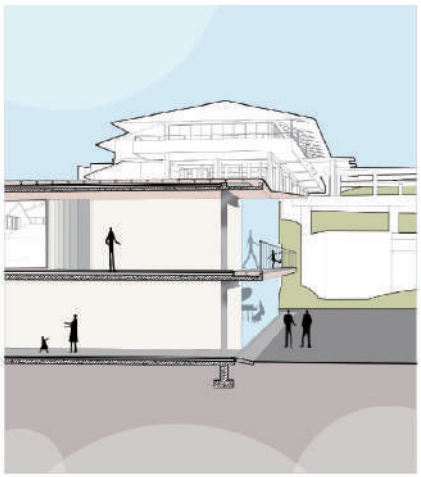
MOUNTING lightness & EXPERIENCING richness



STEEL frame & CONCRETE sheer wall
to resist earthquake, typhoon and tsunami

WOOD for the outdoor roofing
CONCRETE for the floor

SEEING lightness & REACTING toughness



Residents Space and the Square

Sea Activity