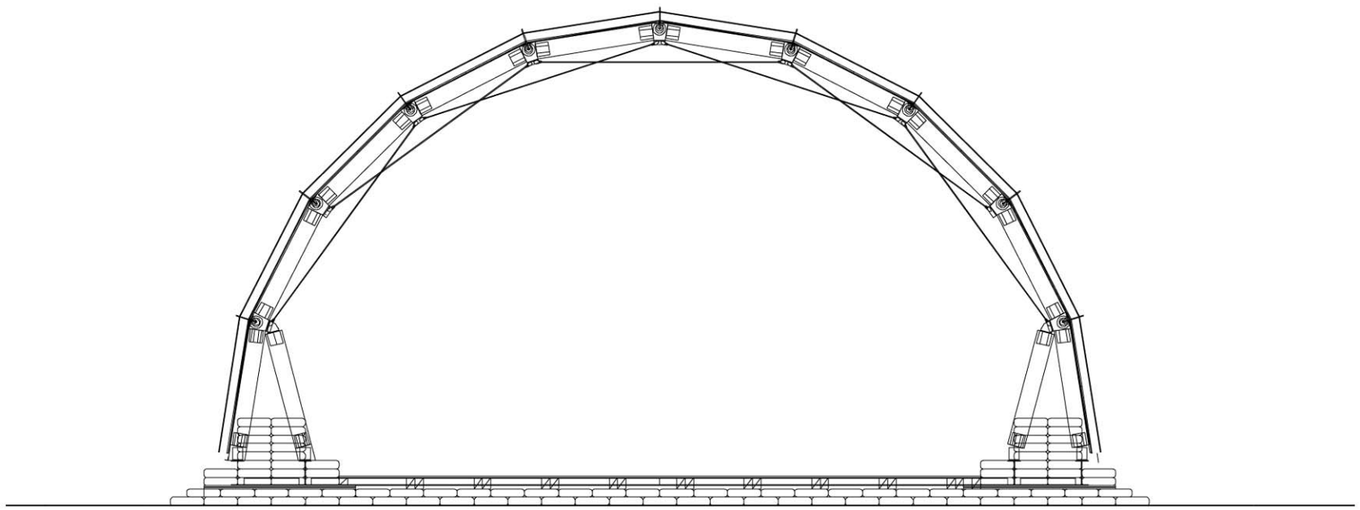
Workshop

Paper Studio

~Keio University SFC Shigeru Ban Design Studio~

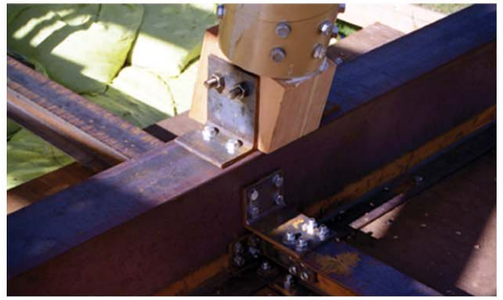
Term: Jun.2002-Dec.2004
Agency: SHIGERU BAN ARCHITECTS
Location: Keio University SFC, Fujisawa, JAPAN



section

night view

knee brace



joints between steel beam and papertube

plywoods for the lateral stability

construction of the arches

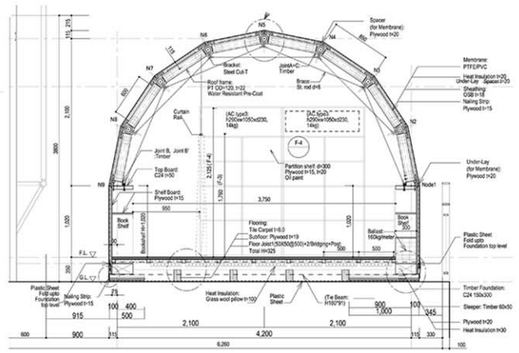
exterior view

interior view

Workshop

Temporary Paper Studio at Cente Pompidou

Term: Jun.2004-Nov.2004
Agency: SHIGERU BAN ARCHITECTS
Location: Centre Pompidou, Paris, FRANCE

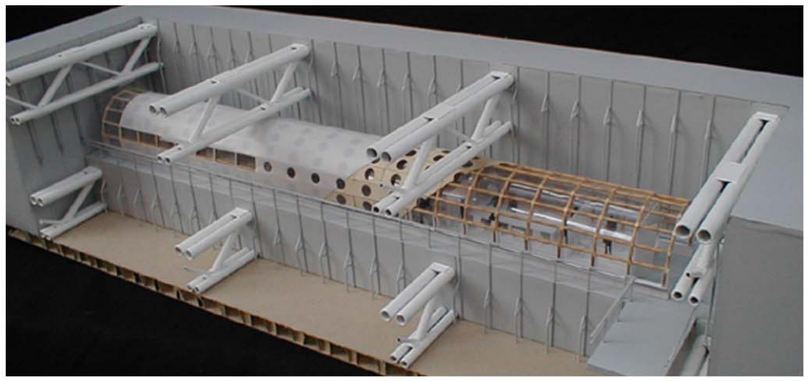


section

6th floor terrace

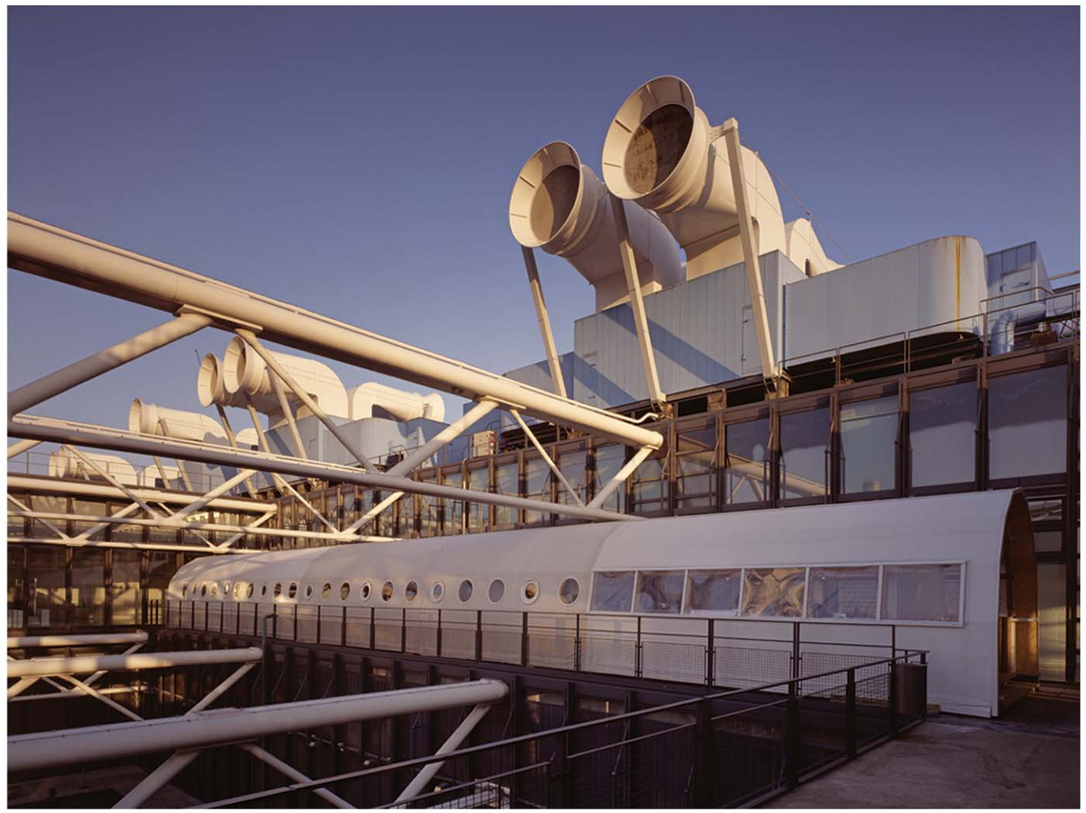
construction of the book shelves

papertubes



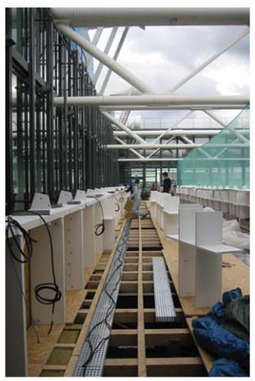
model

papertube arches



view from the side

steel bar



floor construction

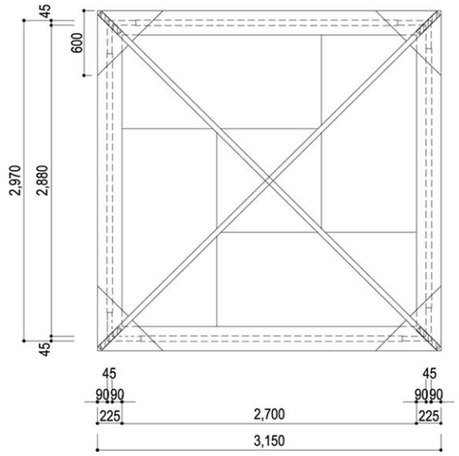
osb for the lateral stability

construction of the arches

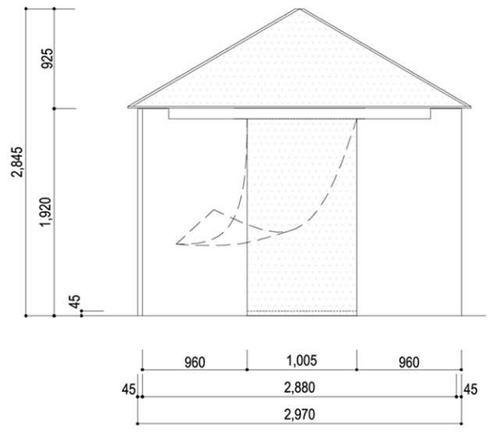
Project after the quake

Paper House at the evacuation place

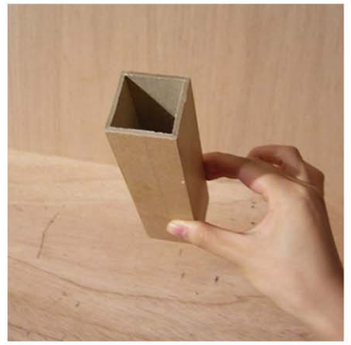
Term: Nov.2004
Location: Niigata, JAPAN
Agency: SHIGERU BAN ARCHITECTS



plan



elevation



papertube

honeycomb structured board

model

assembling

used by children

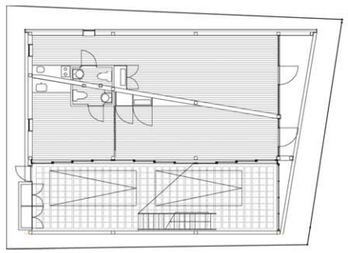
paper house at the evacuation place

after the quake

Internship

Air Filter House

Location: fussa, Tokyo, JAPAN
Term: Apr.2004-Sep.2005 (project)
Agency: SHIGERU BAN ARCHITECTS

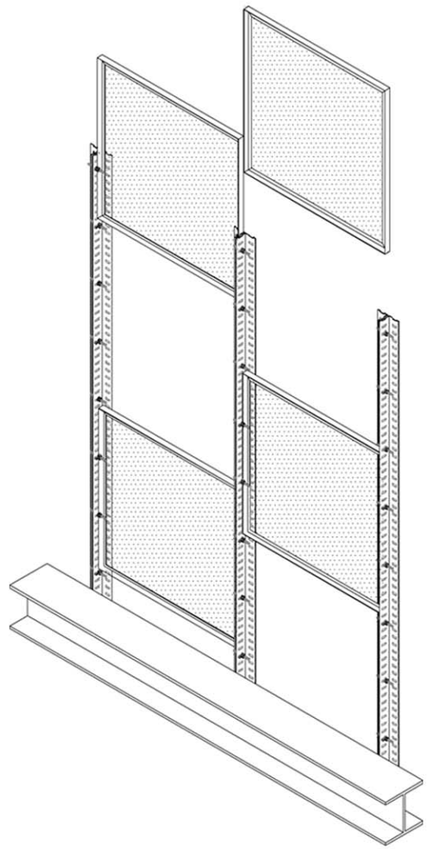


1st floor plan

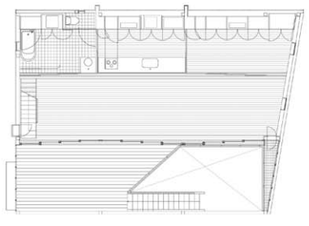
model

detail of the facade

model of the air filter wall

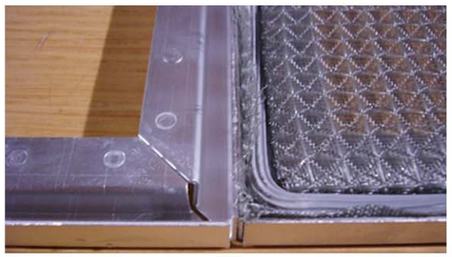


axonometric of the air filter wall

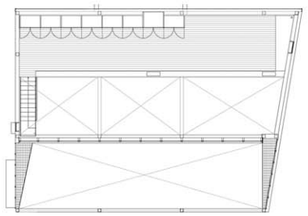


2nd floor plan

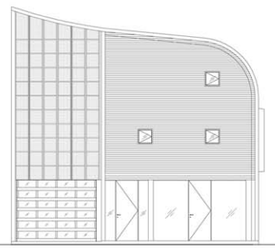
aerial view



mock-up of the air filter wall



3rd floor plan



elevation

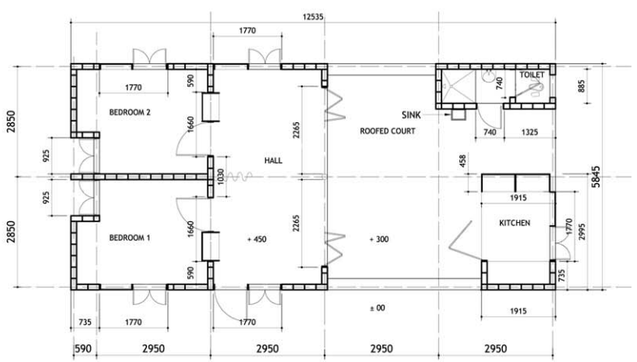
site

Reconstruction Project

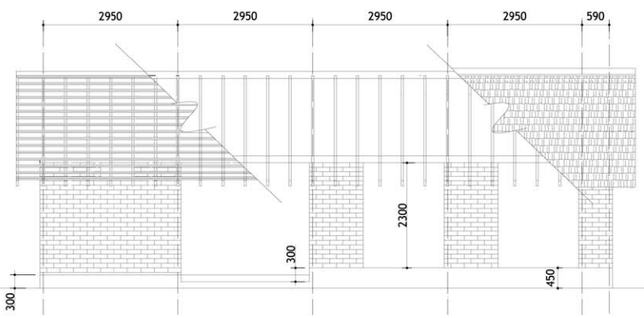
Tsunami Reconstruction Project

～housing reconstruction in the tsunami affected area～

Term: Mar.2005-Dec.2005
Location: Kirinda, SRI LANKA
Agency: SHIGERU BAN ARCHITECTS



plan



elevation

after tsunami

compressed earth blocks

construction

aerial view

folding door

group photo

site model

workshop

vegetation

exterior view

hands of the local man

construction of the blocks

planting trees

furniture units

project team

model

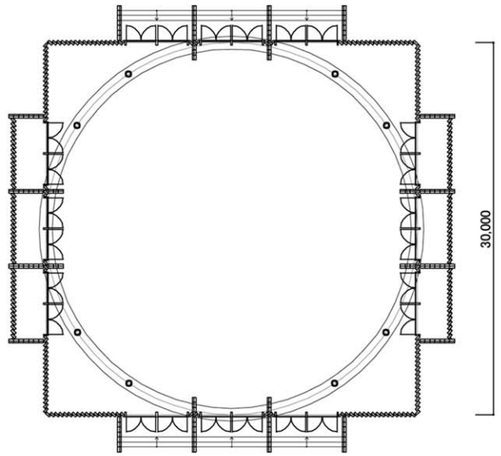
details

Reconstruction Project

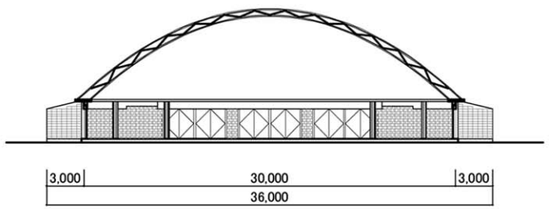
Tsunami Reconstruction Project

～mosque reconstruction in the tsunami affected area～

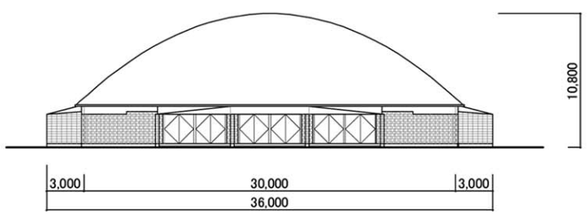
Term: Sep.2005-Oct.2005
Location: Kirinda, SRI LANKA
Agency: SHIGERU BAN ARCHITECTS



plan

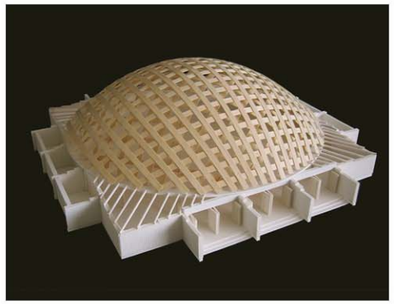


section

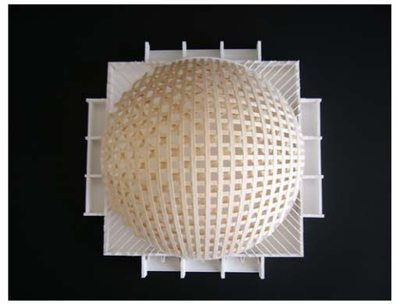


elevation

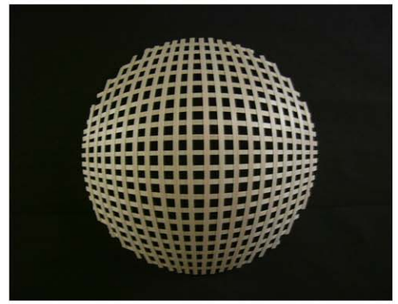
mosque after the tsunami



aerial view

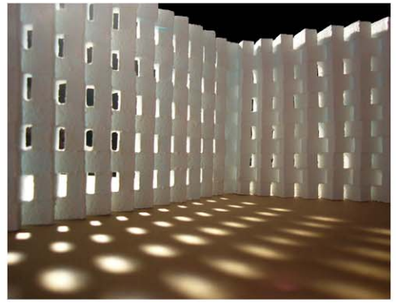


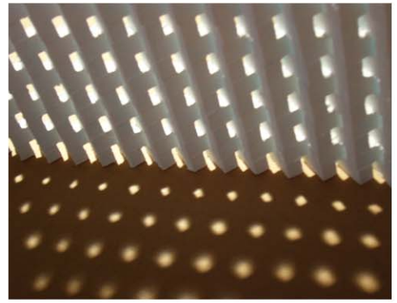
from above



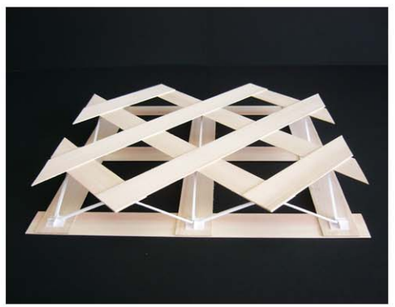
detail of the roof

interior view





shadow created by the wall



structure of the roof

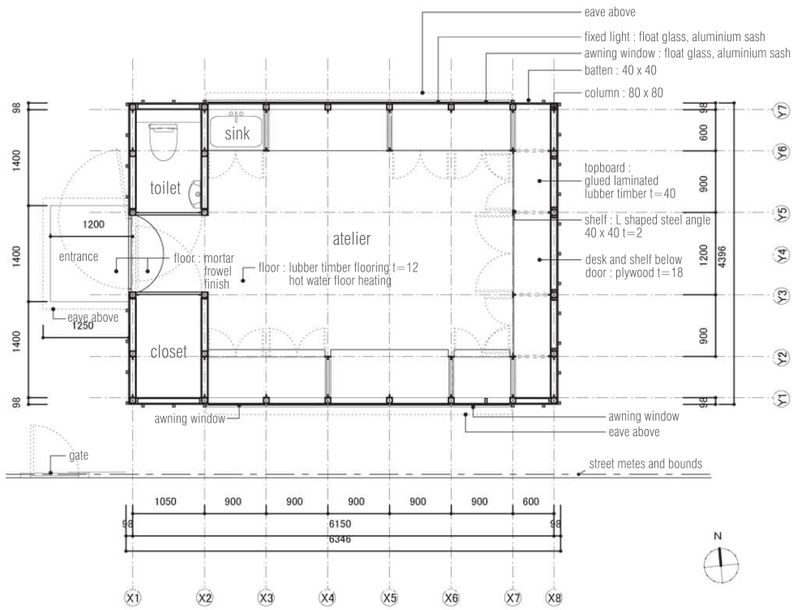
presentation in the mosque

after the presentation

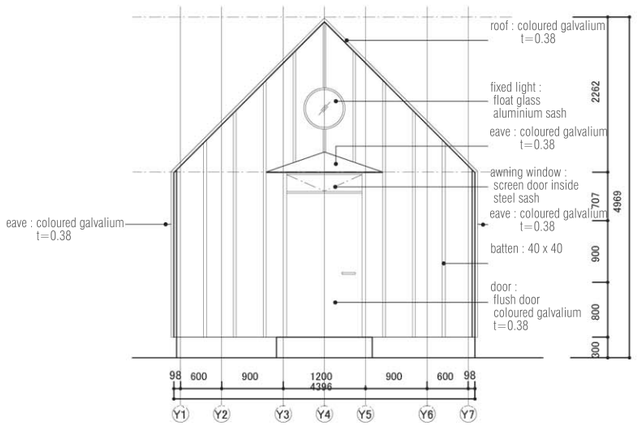
Workshop

Atelier for a Glass Artist

Term: Nov.2005-Mar.2006
Location: Setagaya, Tokyo, JAPAN
Agency: SHIGERU BAN ARCHITECTS



plan 1/250



west elevation 1/250

base plates

L shaped angles and steel plates

steel plates

assembling detail

steel plates and tightening bolts

assembling on site

office-use steel shelf system as the main structural system

exterior view

interior view

frame structure of the ceiling

Environmental Design C

Hiromachi Forest Information Centre

~light and shadow in the green belt~

Term: Oct.2005-Jan.2006
Location: Hiromachi, Kamakura, JAPAN

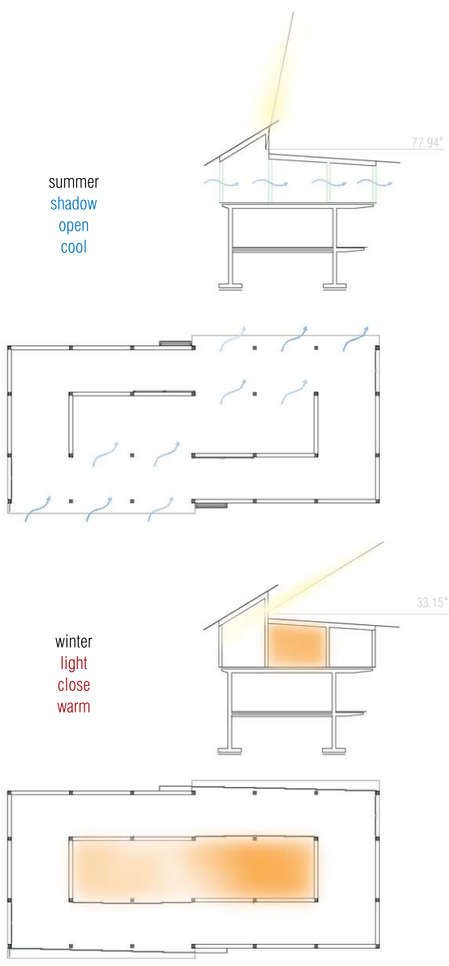
How can architecture be in the nature?

Architecture not only to protect people from the nature but also get them feel harmony with it.

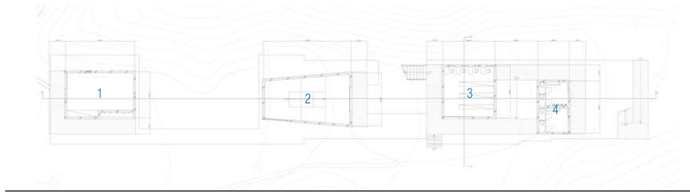
How to controle the light and the air in the building.

The main floor is consist of post and beam structure made of cider available in the forest and raised up by the concrete boxes so that the ground can be damaged minimum.

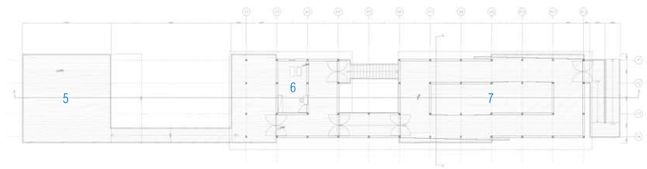
It will give people comfortable and appropriate place to know about the forest.



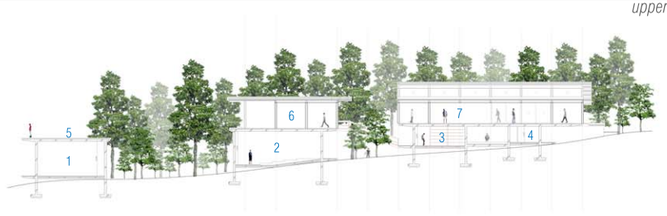
diagram



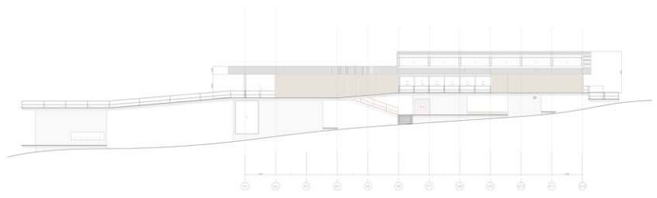
lower floor plan 1/800



upper floor plan 1/800



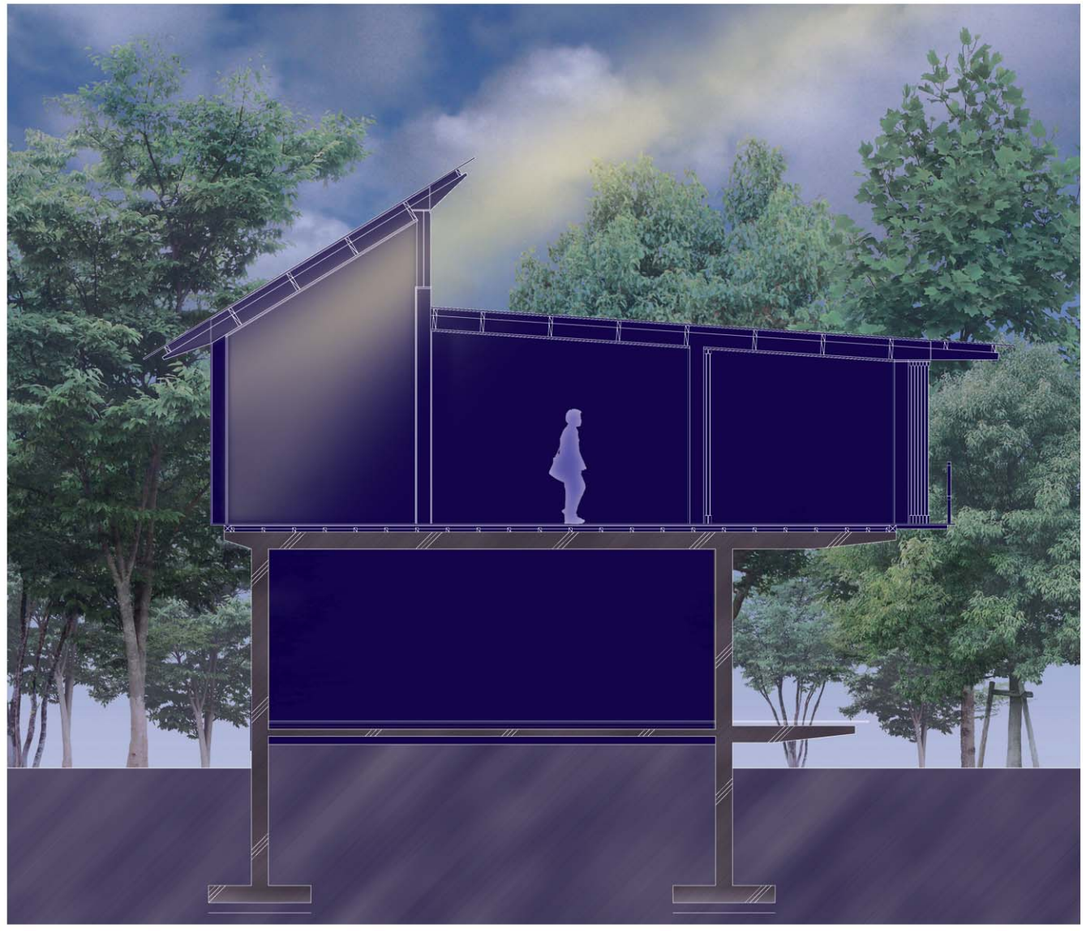
section 1/800



1. storage
2.lecture hall
3.library
4.toilet
5.observatory
6.information desk
7.exhibition room

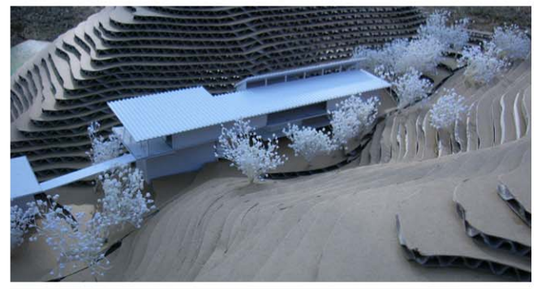
elevation 1/800

siteplan



concept image

site



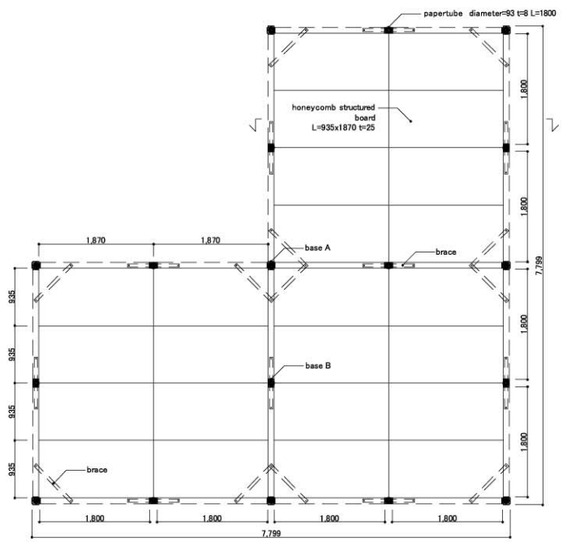
model

Project before the quake

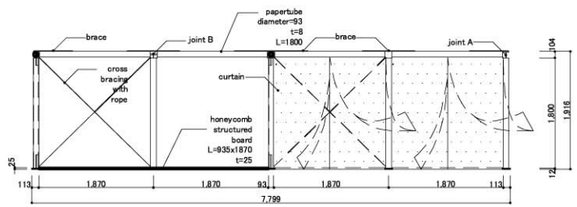
Paper Partition System

～proposal of the stockable system for the evacuation place～

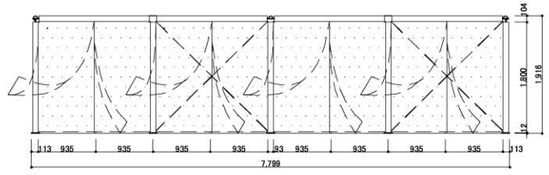
Term: Oct.2006-
Agency: SHIGERU BAN ARCHITECTS



plan 1/100



section 1/100



elevation 1/100

floor

frame

assembling

brace

materials

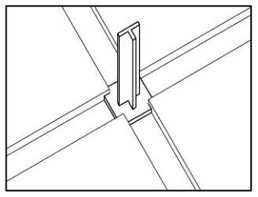
assembling detail

cross bracing with rope

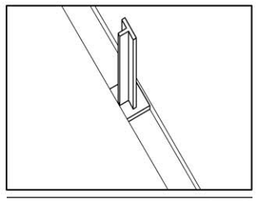
assembling

interior

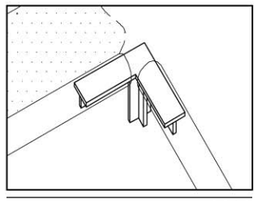
project team with the materials



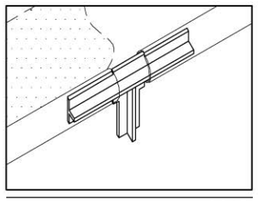
base A



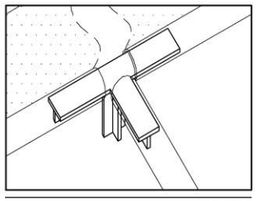
base B



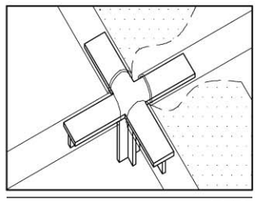
joint A



joint B



joint C



joint D

Diploma

jikan 01
~the lost time passing in “jizou-dou” and “kannon-dou”~

Term: Dec.2006-Jan.2007
Location: Genkaijima-island, Fukuoka, JAPAN

What can architecture do for people?

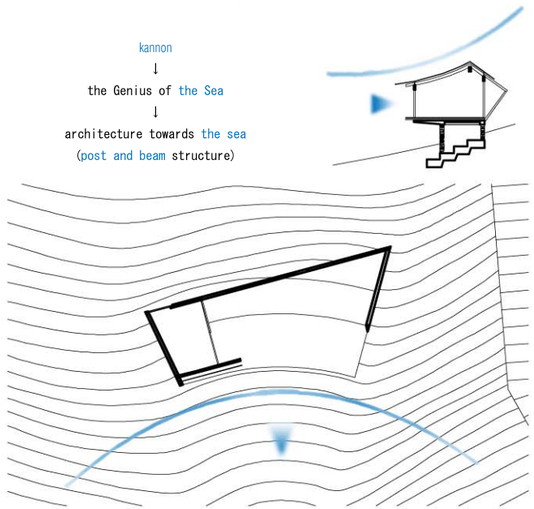
Reconstruction project after the quake.

Jizou-dou and Kannon-dou were the place where traditional folk ceremony took place.

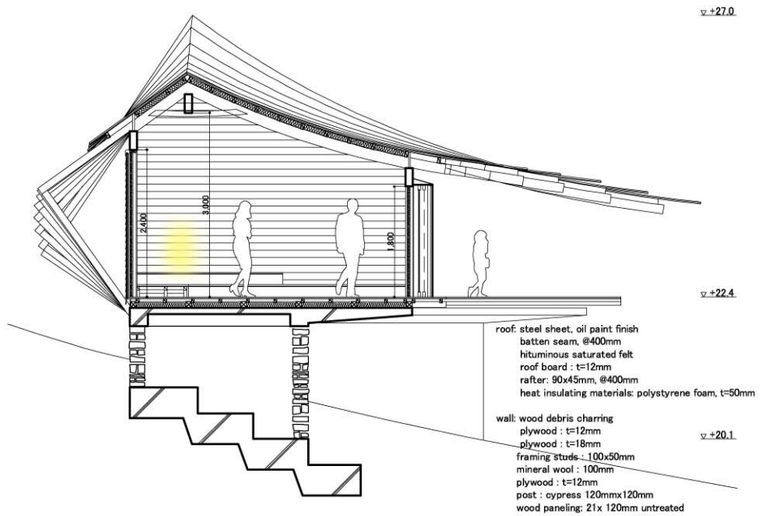
New Jizou-dou and Kannon-dou will be the place where not only the ceremony takes place but also people can gather and spend the time(=jikan) of reconstruction together with the island it is.

The memory of the island will live together with Jizou-dou and Kannon-dou.

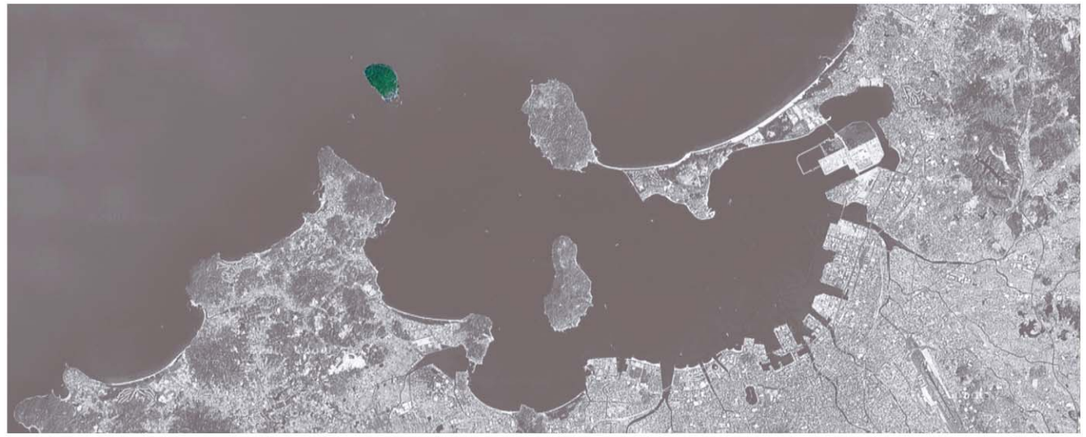
kannon
↓
the Genius of the Sea
↓
architecture towards the sea
(post and beam structure)



diagram



kannon-dou secton 1/100

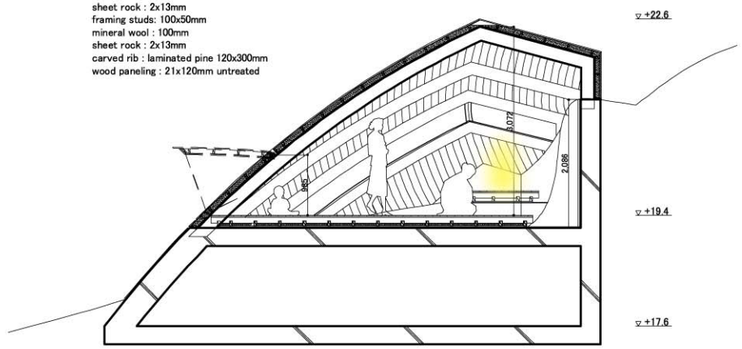


genkaijima-island

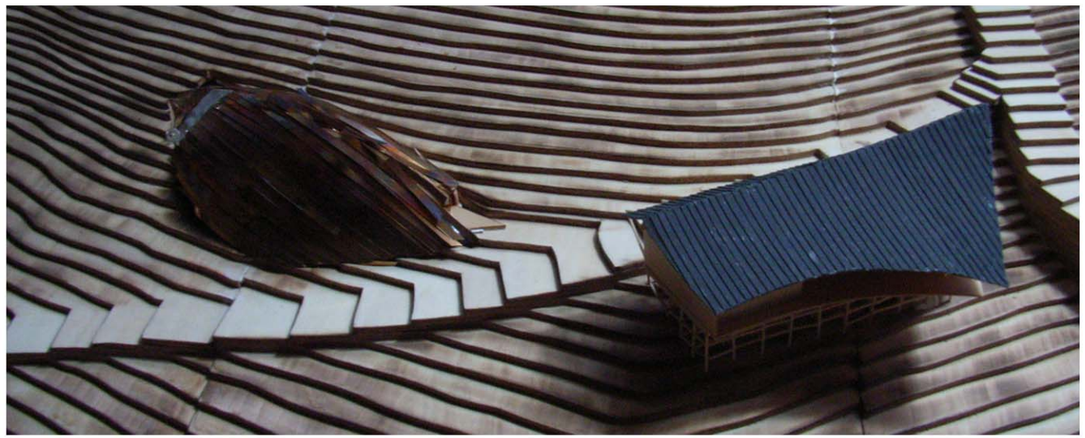
11

genkaijima-island before and after the quake

roof : sheet copper weather boarding, @400mm
wood paneling : 21x120mm
sheet rock : 2x13mm
framing studs: 100x50mm
mineral wool : 100mm
sheet rock : 2x13mm
carved rib : laminated pine 120x300mm
wood paneling : 21x120mm untreated



jizou-dou secton 1/100



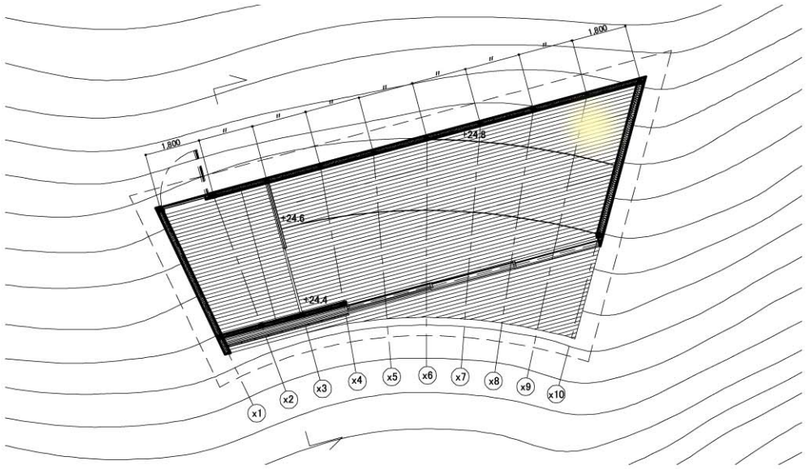
study 1

Diploma

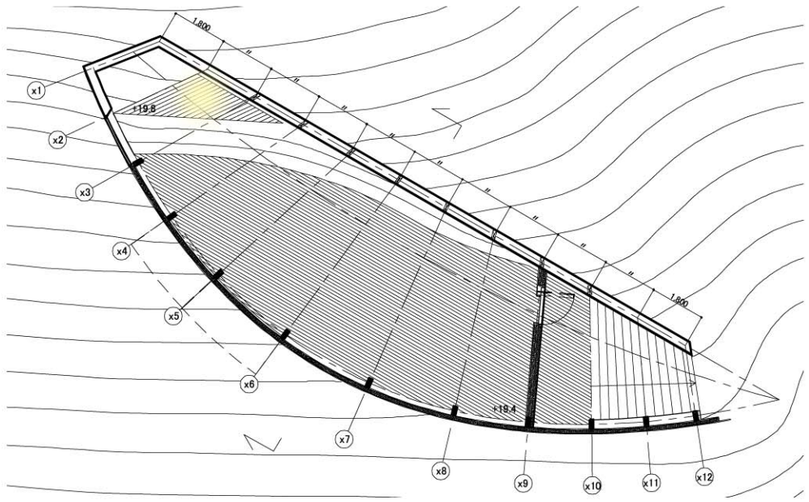
jikan 02

~the lost time passing in “jizou-dou” and “kannon-dou”~

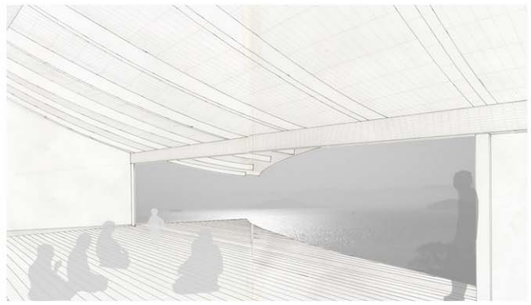
Term: Dec.2006-Jan.2007
Location: Genkaijima island, Fukuoka, JAPAN



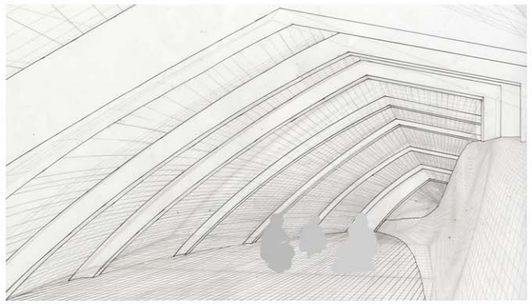
kannon-dou plan 1/200



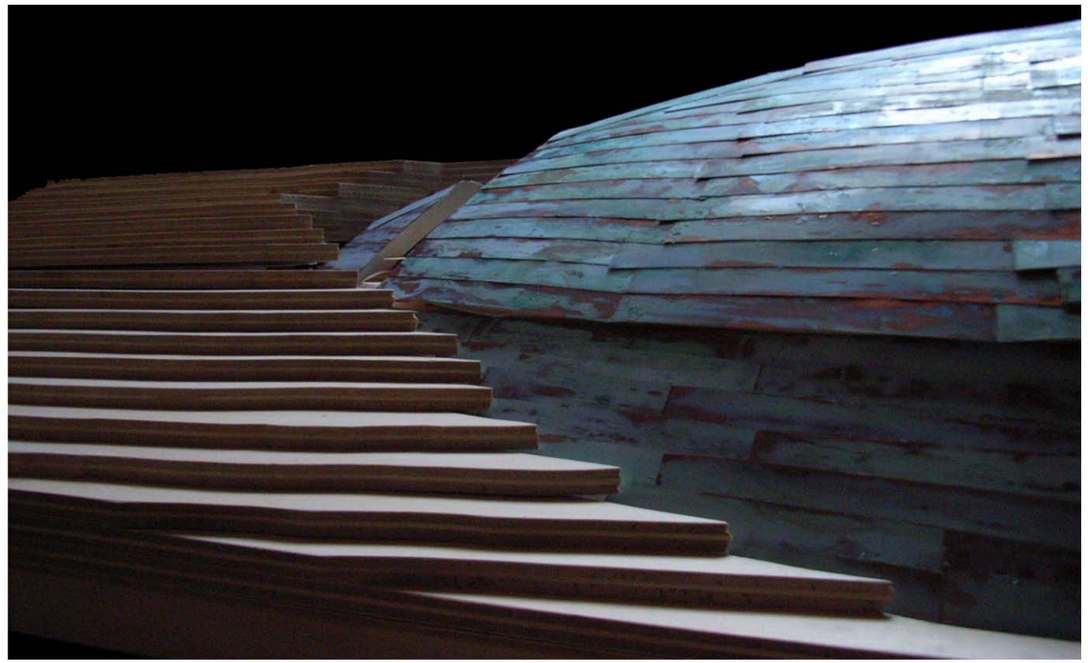
jizou-dou plan 1/200



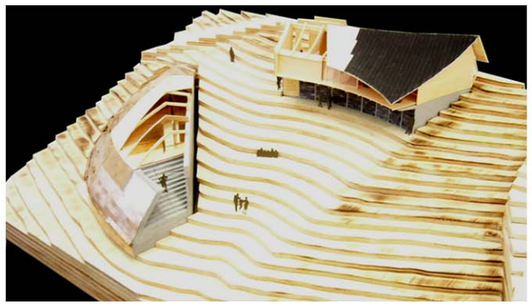
kannon-dou interior perspective



jizou-dou interior perspective



jizou-dou exterior view



exterior space created by jizou-dou and kannon-dou

kannon-dou exterior view

jizou-dou interior view

aerial view after the quake

view from port towards slope

“gangidan” stairs between houses

kannon-dou after the quake

debris

ruin

fishery

jizou

kannon

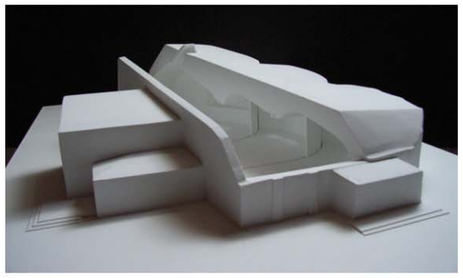
Workshop

The Exhibition

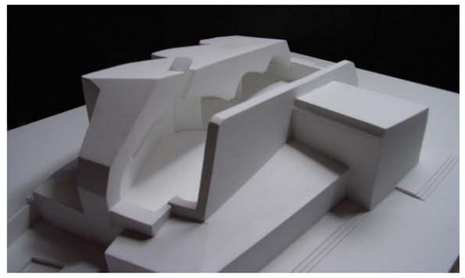
~Alvar Aalto through the Eyes of Shigeru Ban~

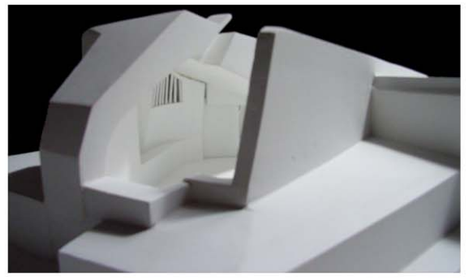
Term: Apr.2006-Feb.2007
Agency: SHIGERU BAN ARCHITECTS
Location: Barbican Centre, London, ENGLAND

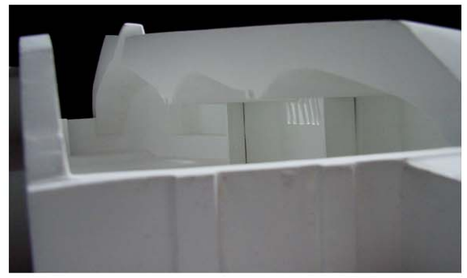
analysis of the church of the three crosses



model of the church of the three crosses

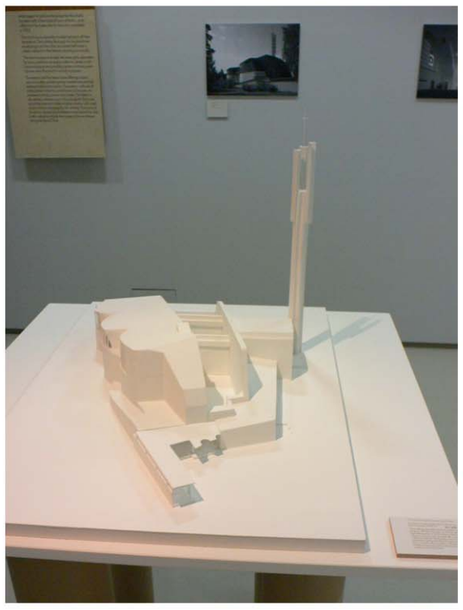






exhibition

opening speech



model in the exhibition

exhibition details

exhibition of the church of the three crosses

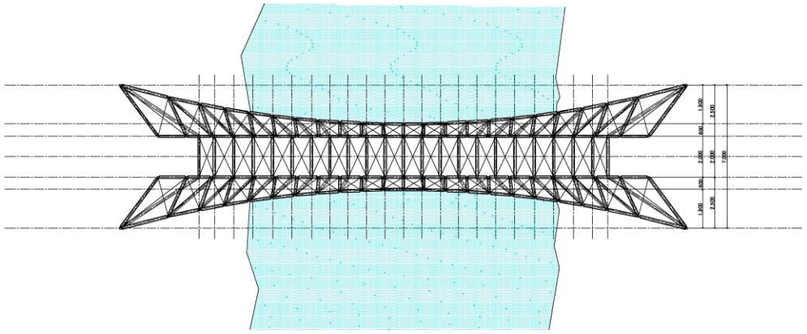
group photo

Internship

Paper Bridge at Pont du Gard 01

~the first paper tube structure bridge in the world~

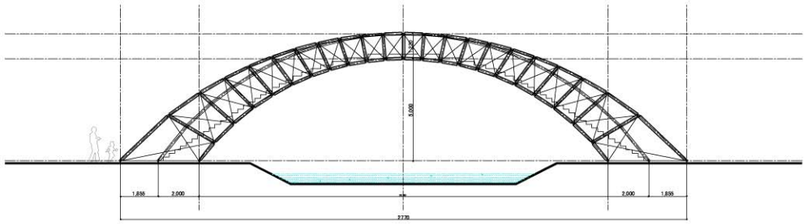
Term: Apr.2007-Jul.2007
Location: Pont du Gard, FRANCE
Agency: SHIGERU BAN ARCHITECTS



structural plan (study1) 1/300

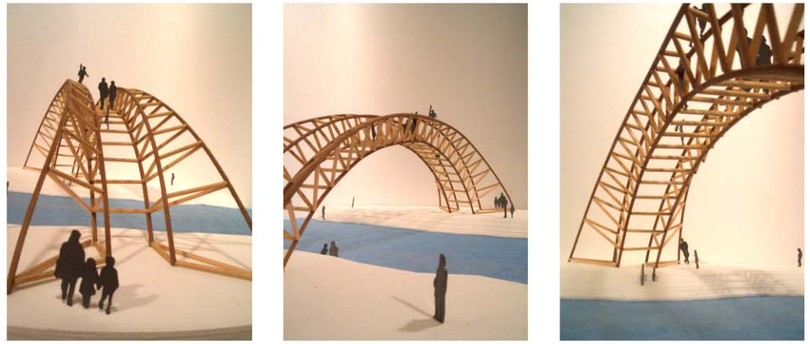
Pont du Gard

study model

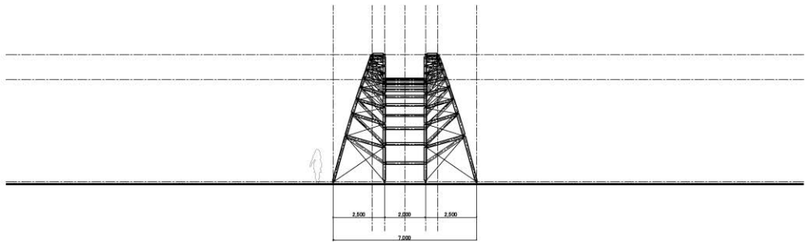


elevation (study1) 1/300

image

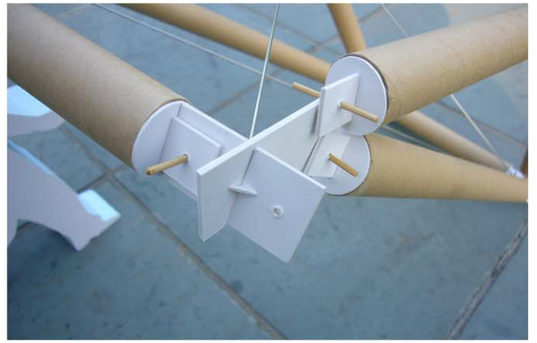


study model



transversal elevation (study1) 1/300

detail study



joint study

foundation study

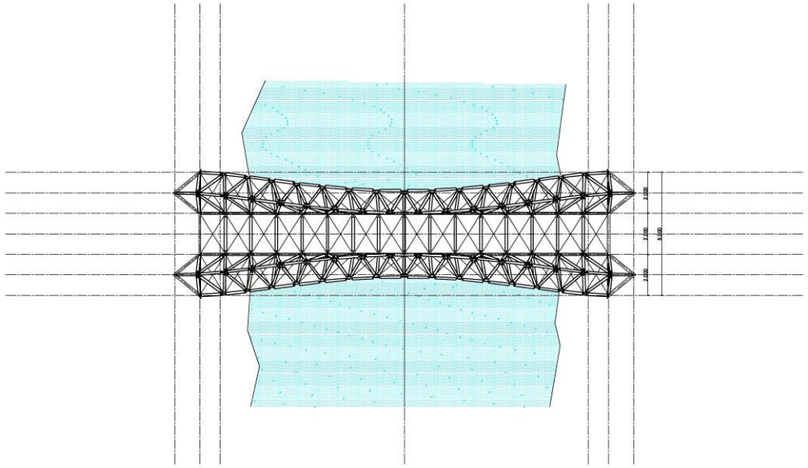
Workshop

Paper Bridge at Pont du Gard

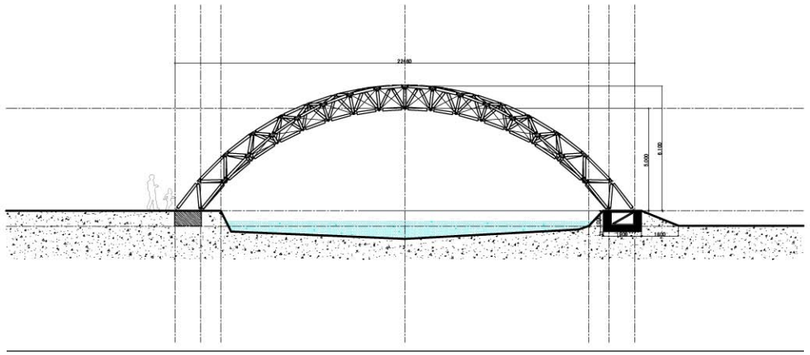
02

~the first paper tube structure bridge in the world~

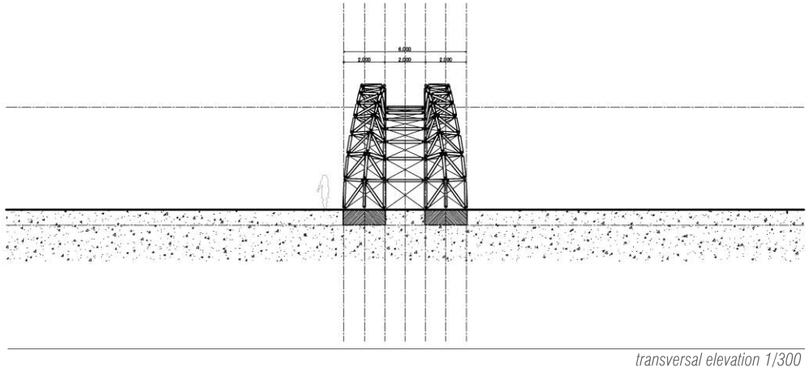
Term: Apr.2007-Jul.2007
Location: Pont du Gard, FRANCE
Agency: SHIGERU BAN ARCHITECTS



structural plan 1/300



elevation 1/300



transversal elevation 1/300

workshop

papertubes

assembling

foundation

ready for transport

transport

with pont du gard

first crossing

opening ceremony

structure

detail from side

from north

using cranes

assembling on site

connecting arches

group photo with the structure

steps and handrails

celebrating party

ARK3 Public Buildings 1

valokaivo

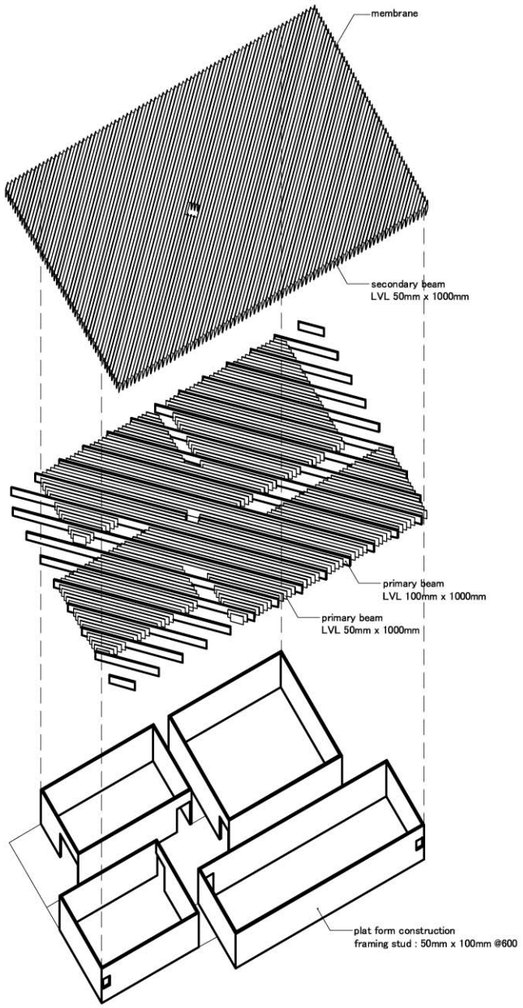
~temporary pavillion for the academy of fine arts~ 01

Term: Sep.2007-Dec.2007
Location: Kasarmitori, Helsinki, FINLAND

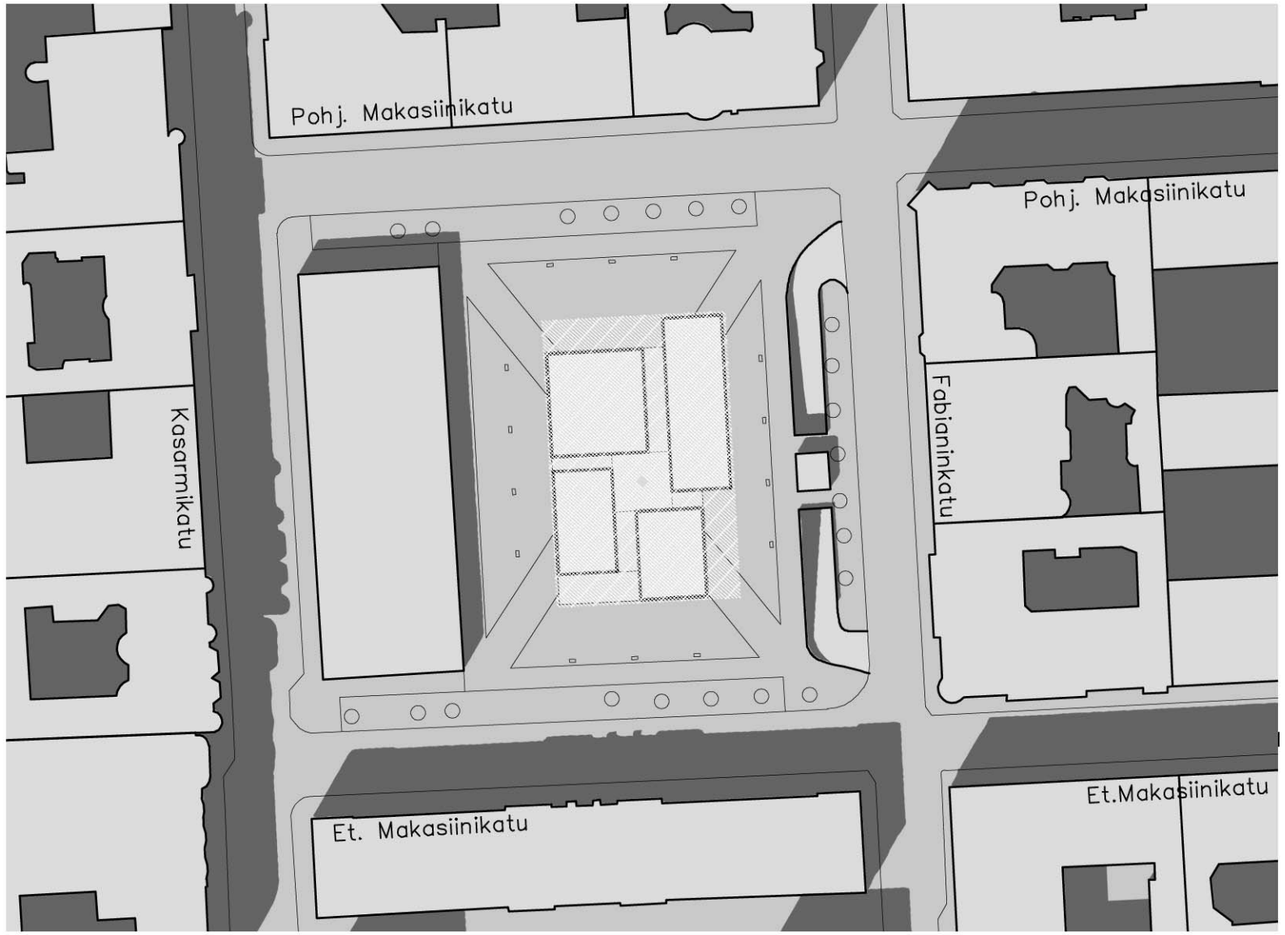
How can architecture get natural light for the art works?

The roof structure "valokaivo" to get the natural light indirectly to the exhibition spaces.
The concept is related to the historical back ground of the site that there used to be a well in the middle of the square.

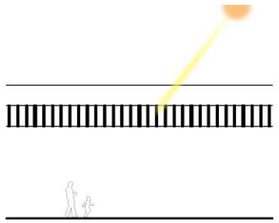
There is the direct light coming from toplight in the central space which is the focal point of the circulation.



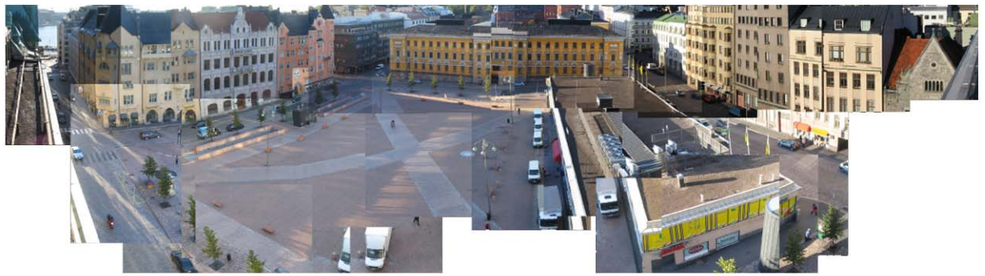
axonometric 1/800



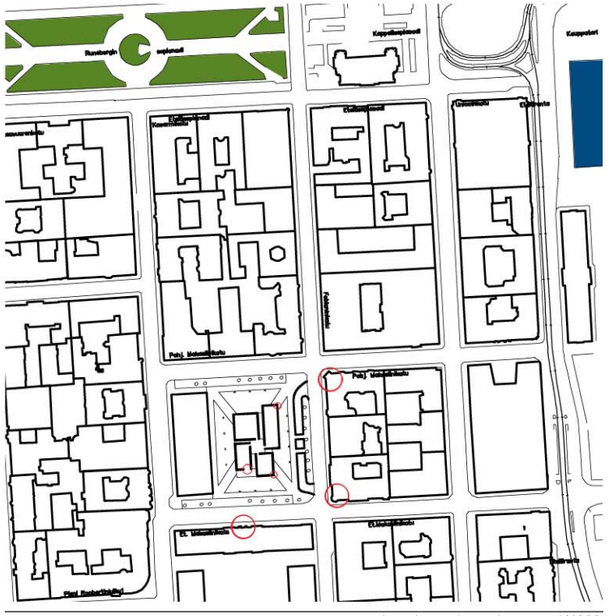
siteplan 1/1000



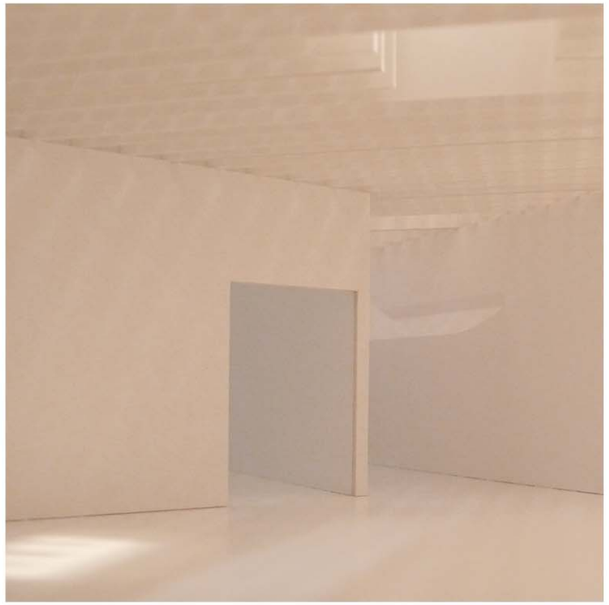
concept image



aerial view of the site



orientation to the environment 1/4000



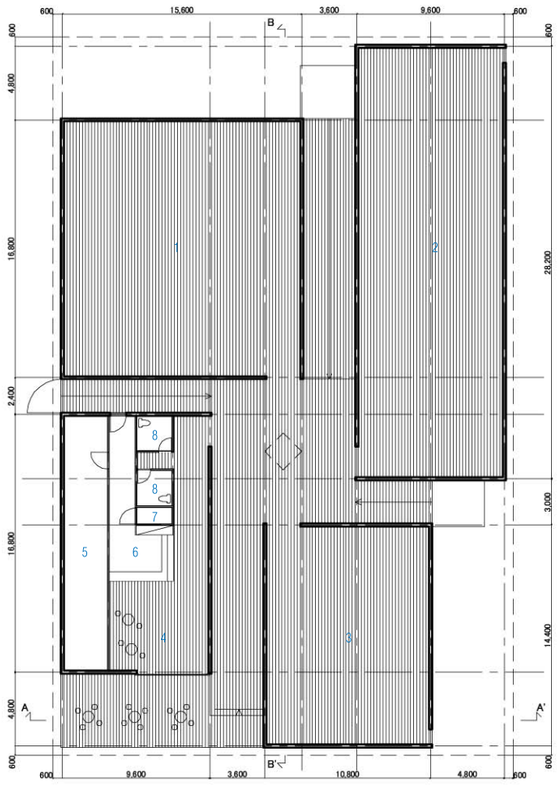
view of the central space

ARK3 Public Buildings 1

valokaivo 02

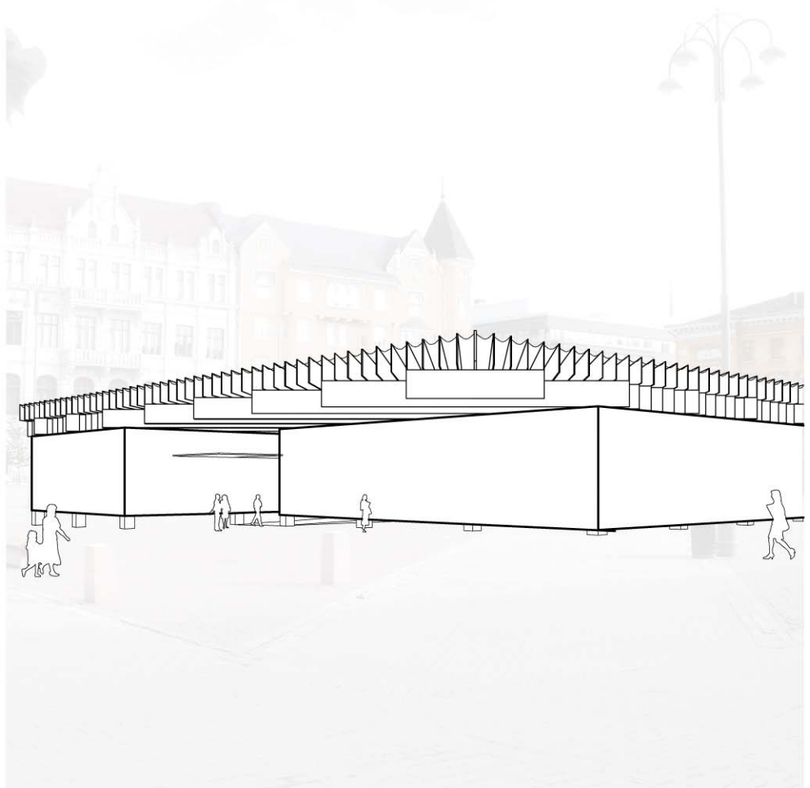
~temporary pavilion for the academy of fine arts~

Term: Sep.2007-Dec.2007
Location: Kasarmitori, Helsinki, FINLAND

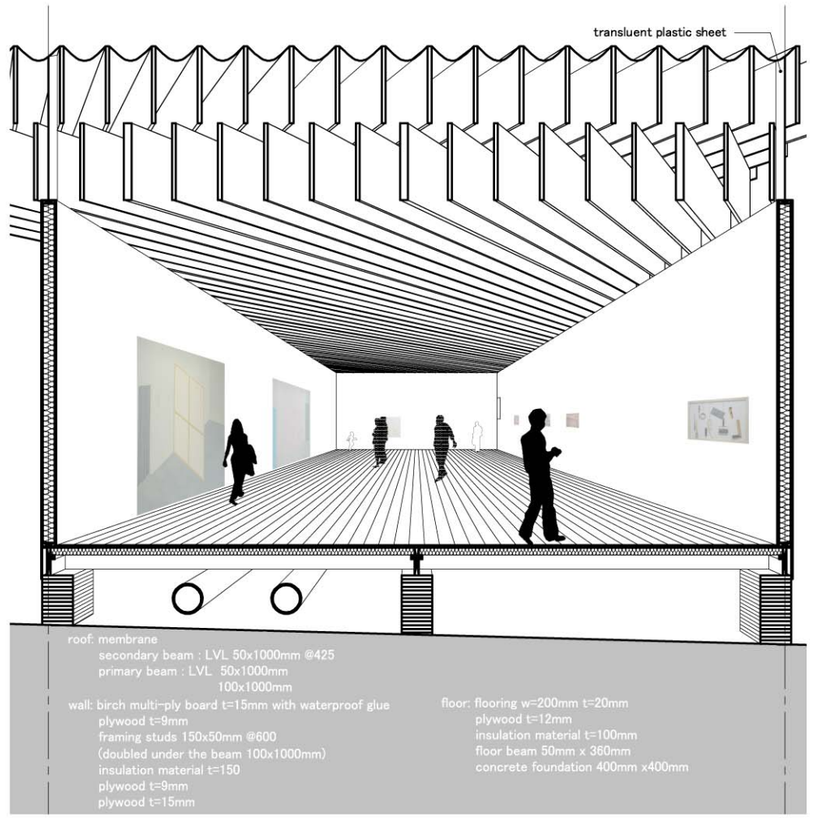


1. Exhibition space 262m2
2. Exhibition space 271m2
3. Exhibition space 156m2
4. Cafe 60m2
5. Property maintenance
   Electrical distribution
   Technical room for
   air condition 50m2
6. Kitchen
   Kitchen storage 15m2
7. Waste disposal 3m2
8. Toilets
   Cleaning disposal 12m2

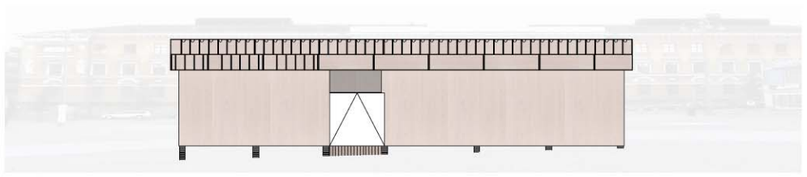
plan 1/400



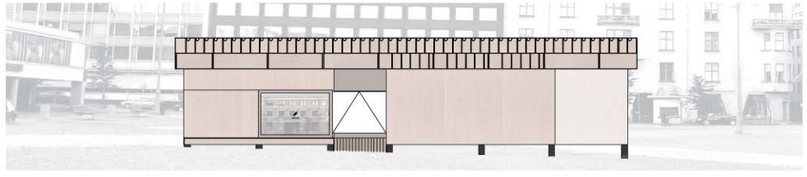
exterior perspective



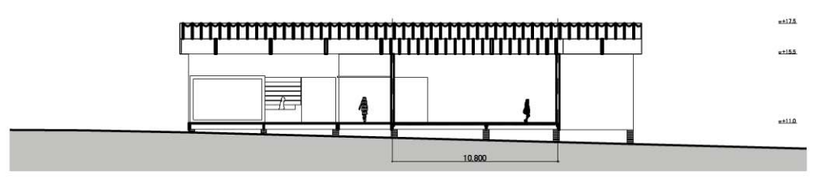
sectional perspective 1/80



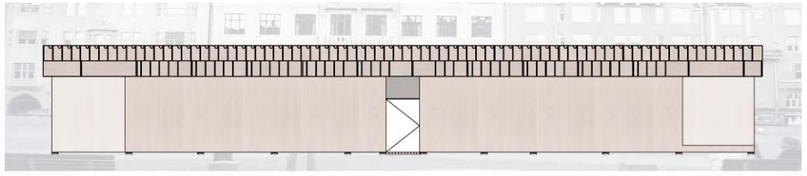
north elevation 1/400



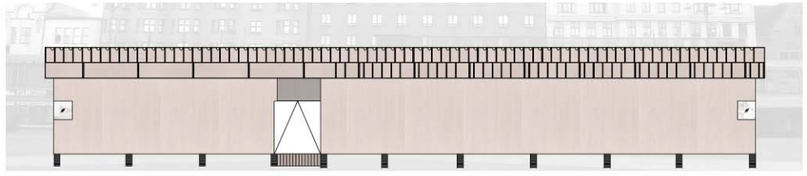
south elevation 1/400



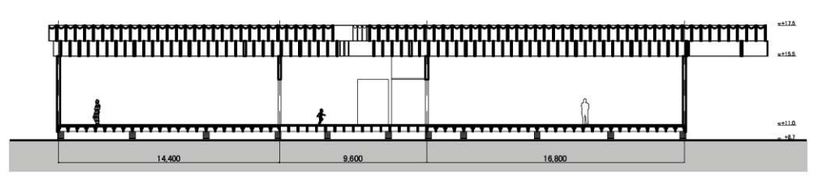
A-A' section 1/400



west elevation 1/400



east elevation 1/400



B-B' section 1/400