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the spiritual centre
house of the body
the new infill
the meditation route

PART V: CONSIDERATIONS

reflection

PART I
Context

meeting MMC







Lisbon, Portugal

Beato, Lisbon

MMC, Beato

meeting MMC



meeting MMC





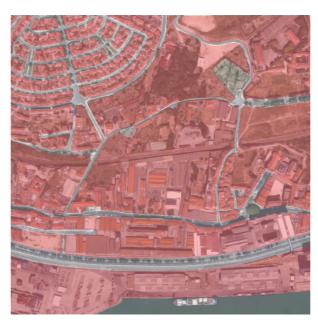




meeting Beato



borders of the MMC



impermeable urban fabric



lack of functional public space

meeting Beato









borders of the MMC



defining the assignment

"How can the design of public interiors empower the transformation of industrial sites within an existing urban structure?"

defining the assignment

RESEARCH QUESTION

"How can the design of public interiors empower the transformation of industrial sites within an existing urban structure?"

ARCHITECTURAL ANALYSIS

'What to do?'

CONTEXT ANALYSIS
SITE ANALYSIS
FUNCTION ANALYSIS

Defining the design assignment based on the analysis on public space and mapping the transformation potentials.

DESIGN PROBLEMS AND POTENTIALS

CULTURAL VALUE ASSESSMENT

'Why to do it?'

VALUE ASSESSMENT

Define the essential qualities of the complex and its surroundings.

ESSENTIAL QUALITIES

GENERAL DESIGN RESEARCH

'How to do it?'

LITERATURE RESEARCH COMPARATIVE CASE STUDIES RESEARCH BY DESIGN

Constructing a theoretical framework on the design of public interiors as driving force, expanding the frame of reference and conducting practical design experiments.

SUSTAINING KNOWLEDGE

TRANSFORMATION STRATEGY

defining the assignment

PHYSICAL & VISUAL

impermeability of the urban fabric
 lack of public space
 lack of physical and visual connections
 lack of functional green

SOCIAL & ECONOMICAL

- small scale economical activity
- lower education and high unemployment rates
 - relatively high rate of poverty
 - lack of social cohesion

defining the assignment

DESIGN PROBLEMS

The design problem can be defined as the need for the **RECONNECTION** and **DIFFERENTIATION** of the MMC and its surroundings on a variety of levels, being a physical, visual, social and economical level.

conclusion of the architectural analysis

defining the assignment

	AGE VALUE	HISTORICAL VALUE	ARTISTIC VALUE	COMMEMORATIVE VALUE	USE VALUE	NEWNESS VALUE	CONFLICT VALUE	NOSTALGIC VALUE
Surroundings	old convent walls	connection fiver	architecture of the coverests and colores		hillide Pillide provides fill the MMC.			noming of Bedto "the bilesed" refers to the better the better the better elegithorhood.
STORY		development MMC presence of different time loyers due to the development of with historical military events.						
STUFF		machinery machinery from different first periods shows berefold shows for MANUAL CONTRACT CONT	Industrial character machinery	CONSTRUIDA 1934				
SERVICES		production vs service of vision in a production part. production and localizing part. production and transportation systems show former use of the state.						
SPACE PLAN		progmatism progmatism in design and use of both interior and aderior spaces.	difference in character of the public interior		sightlines squares shooting			
STRUCTURE		Inferconnection Inferconnectio	Industrial character shareholder sharehold		public Interior high density high density high density building might compromise use value			
SKIN	historic building moterials	enclosure militry function perimeter enclosure of the MMC.	difference in character facodes division in prognation of and antiference in a large division in prognation of an artiference in a large division in a large division in a large division in a large division di division di division division division division division divisio					
SITE		connection N-M-S interconnection differit parts of the MMC	building pattern officerus of in scale and grid between MMC and its surroundings.		landmarks larger objects currently serve as architectural landmarks			
SOCIAL		social role MMC social role of MMC in the recipt bothod energible of the control					convent vs MMC militory coccupation of religious heritage welfare as suppression welfare is suppression welfare of MMC is faed to the dictational period plant period	productivity MMC Complex is a reminder of the former prosperty of Section due to a of MMC

defining the assignment

ESSENTIAL QUALITIES

The essential qualities of the design can be defined as, the **AESTHETIC** character of the current physical state, the **SOCIAL** character the complex has had in the past and the **FUNCTIONAL** character of its development.

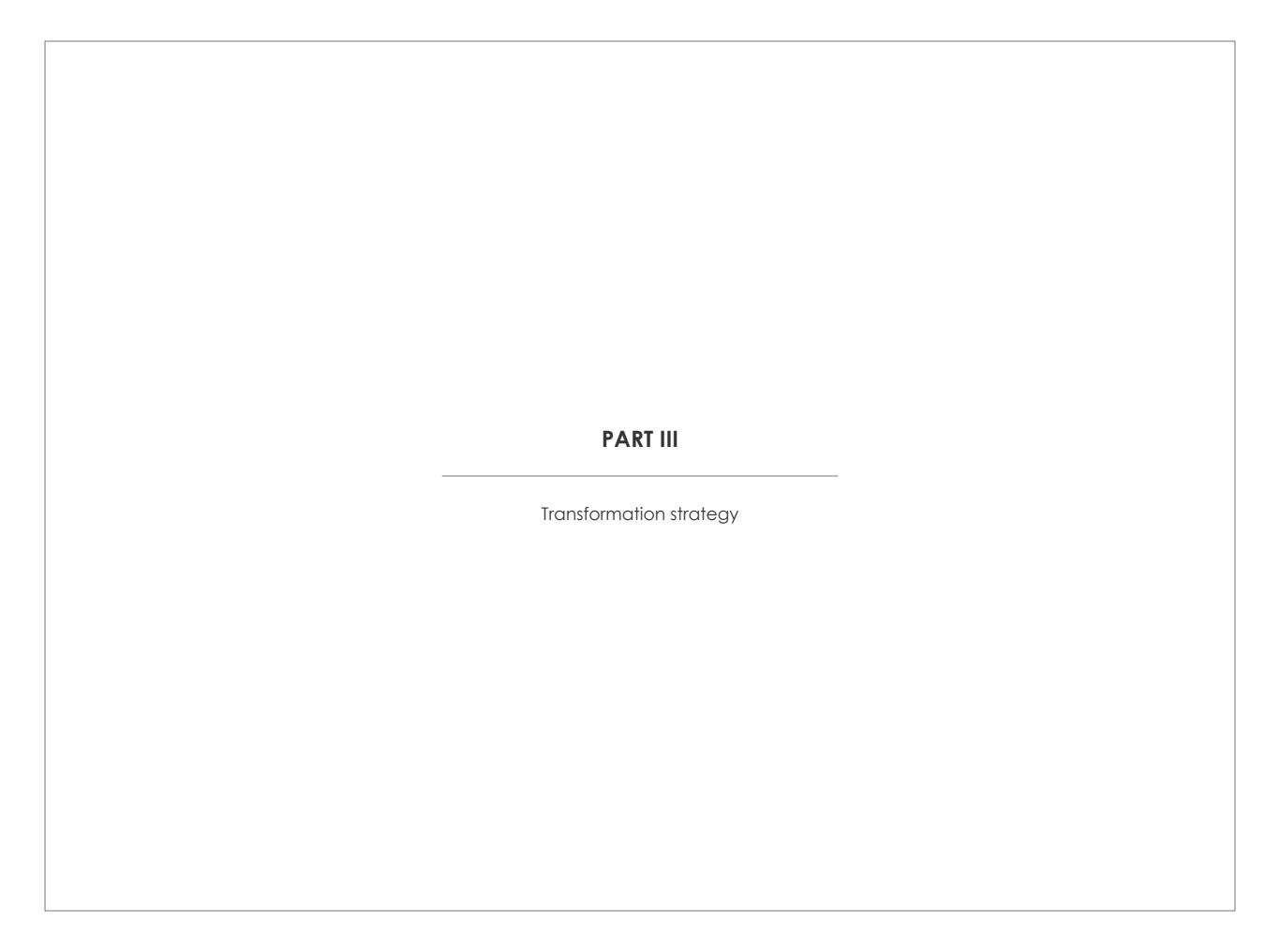
conclusion of the cultural value assessment

defining the assignment

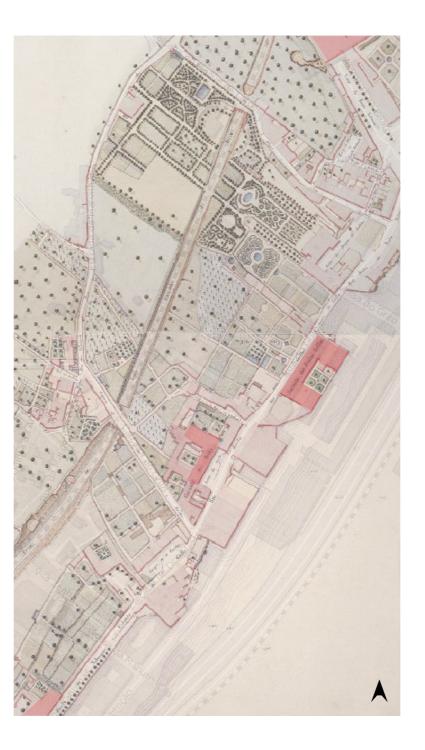
DESIGN ASSIGNMENT

The design assignment can be defined as the **RECONNECTION** and **DIFFERENTIATION** of the MMC and its surroundings on a variety of levels, while restoring, enhancing or adding value to the **AESTHETIC**, **SOCIAL** and **FUNCTIONAL** character of the site.

conclusion: design assignment



story of the place



historical map of Beato, 1858

story of the place



convento do Beato, 1570



convento do Grilo, 1663



convento do Sao Francisco, 1456

story of the place



historical map of Beato, 1950

story of the place





photos: archive docomomo, 2016

story of the place



map of Beato, 2016

story of the place







social centre of the neighbourhood has become a social barrier

story of the people

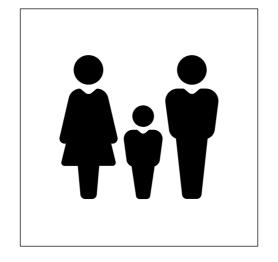


unbalance in the local demography

story of the people







FAMILIES



STARTERS



VISITORS

definition of future user groups: balancing the demographic situation

story of the people



family
social receation
community centre
healthcare
amenities
religion
green



housing
education
social activities
daycare
playground
green



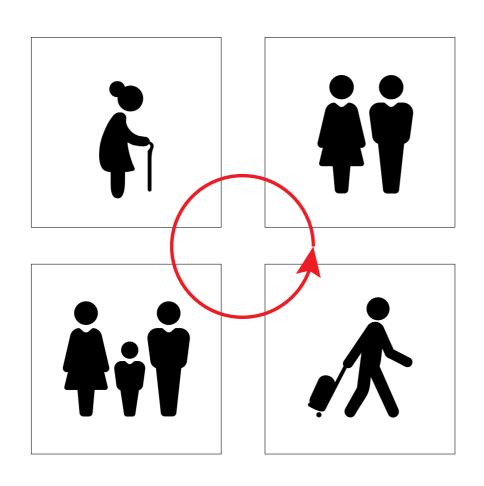
housing co-offices start-ups library leisure retail horeca green

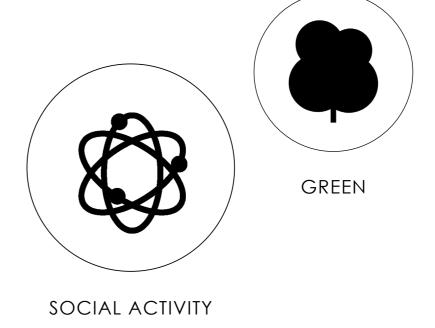


horeca musea green shopping leasure events exhibitions

functions to be integrated in the masterplan per usergroup

story of the people





establish a social structure: merging of interests

story of the function



SPIRITUAL CENTRE

function: spiritual centre

story of the function









CHARITY

COMMUNITY

EDUCATION

GREEN

from left to right: image 1, Sophie Lok, 2016; image 2, Sadao Hotta, 2016; image 3, John Hall, 2011; image 4, Nacasa & Partners, 2017.

story of the function







INDIVIDUALITY



SOMATIC

story of the function

HOUSE OF THE BODY

HOUSE OF THE MIND

retreat guestrooms

community centre

restaurant cafe event space

bath house

exercise wellness treatment ablution religious centre

meditation prayer confession chapel hall

educational centre

library lecture hall

programmatic division: separation of body and mind related functions

story of the fabric



story of the fabric



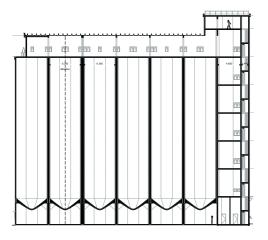






choice of buildings: the symbolic reference of form

story of the fabric











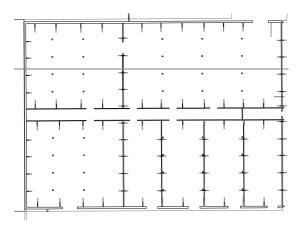
silo building: documentation existing state

story of the fabric



silo building: essential qualities of the existing

story of the fabric







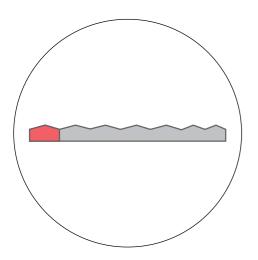




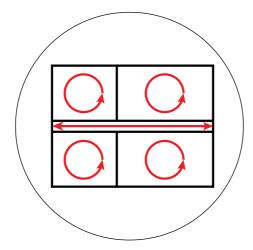
warehouses: documentation existing state

III. Transformation strategy

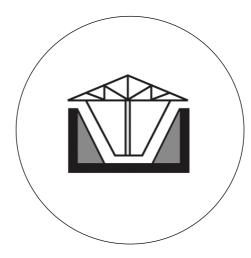
story of the fabric



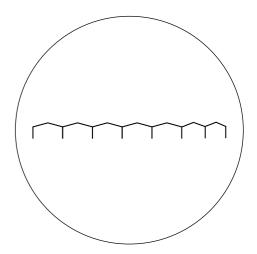
BAY STRUCTURE



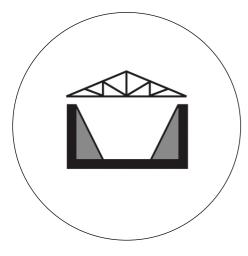
SPATIAL ORGANISATION



BASE VS INFILL



UNIFYING ROOF STRUCTURE



HEAVY BASE VS LIGHT TOP



PRODUCTION PROCESS



PRAGMATISM



LAYERING

warehouses: essential qualities of the existing

III. Transformation strategy

creating a framework



PHYSICAL CONNECTION



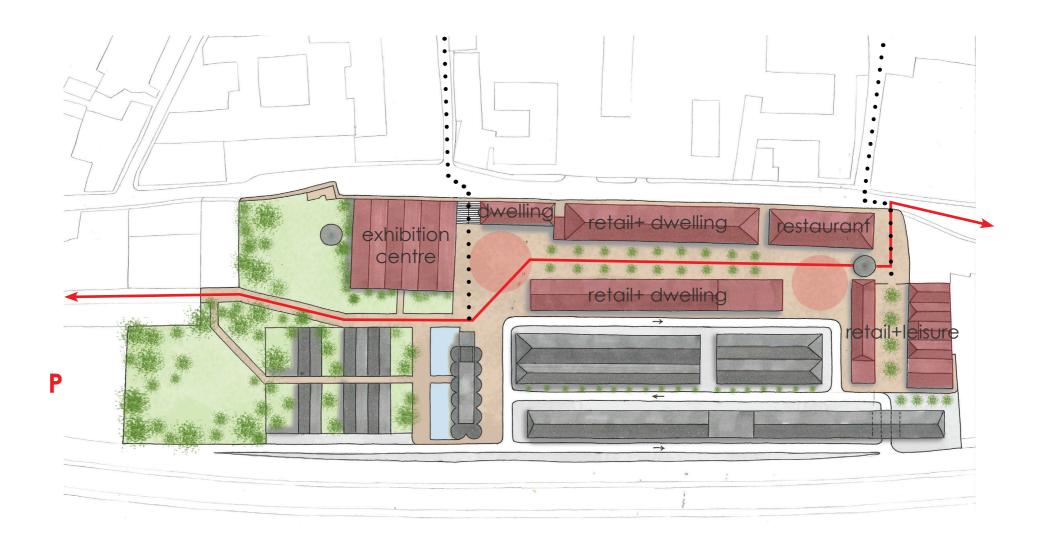
FUNCTIONAL CONNECTION



CONNECTION OF PEOPLE



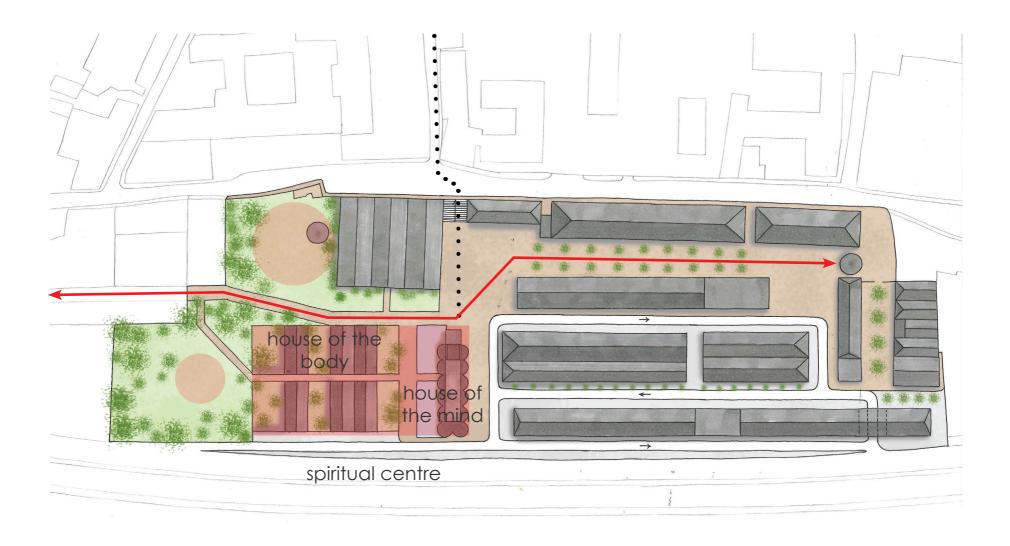
opening the MMC



opening the MMC



opening the MMC

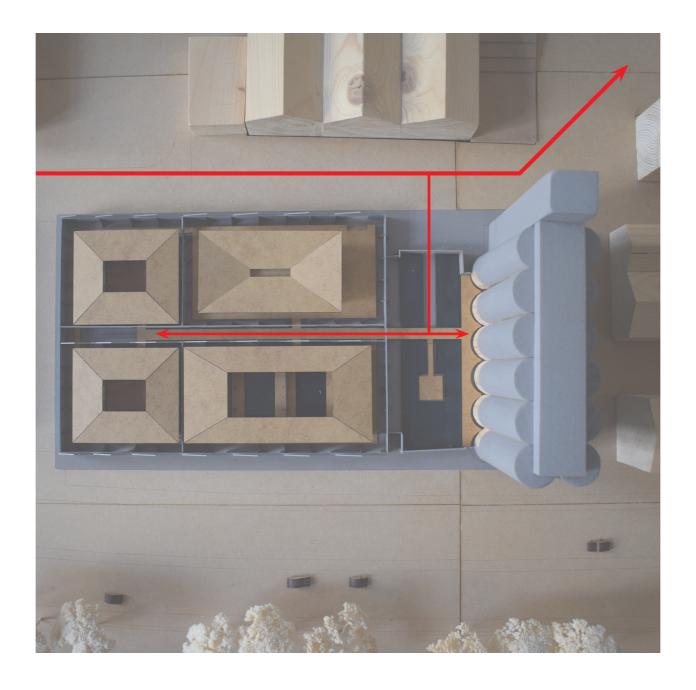


the spiritual centre



entering the complex

the spiritual centre



entering the complex

the spiritual centre



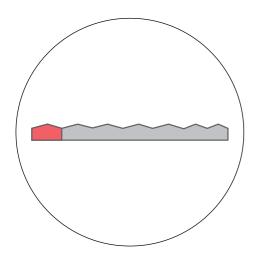


The Walled, Yangzhou - Neri&Hu Design

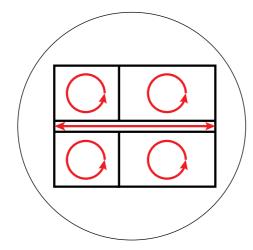
character of the entrance zone and visitors centre

images: www. archdaily. com, retrieved, 14-01-2018

house of the body



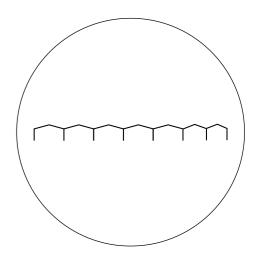
BAY STRUCTURE



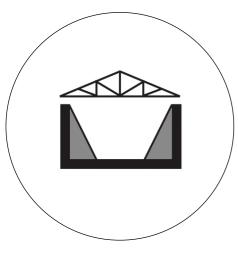
SPATIAL ORGANISATION



BASE VS INFILL



UNIFYING ROOF STRUCTURE



HEAVY BASE VS LIGHT TOP



PRODUCTION PROCESS



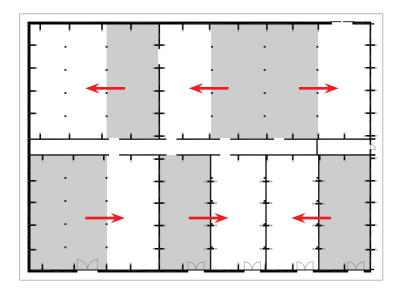
PRAGMATISM

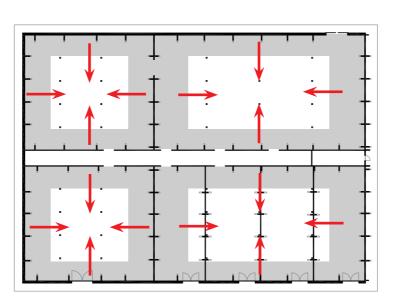


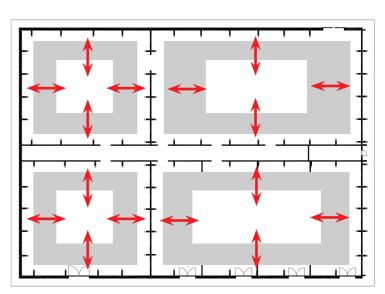
LAYERING

design concept: essential qualities as startingpoints for the design

house of the body

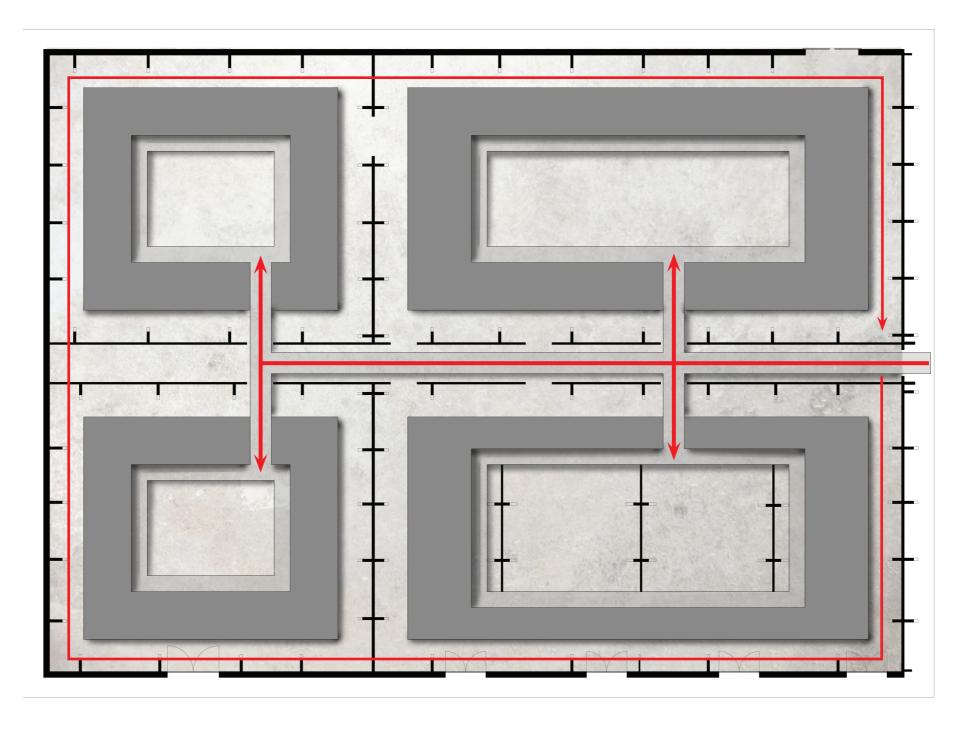






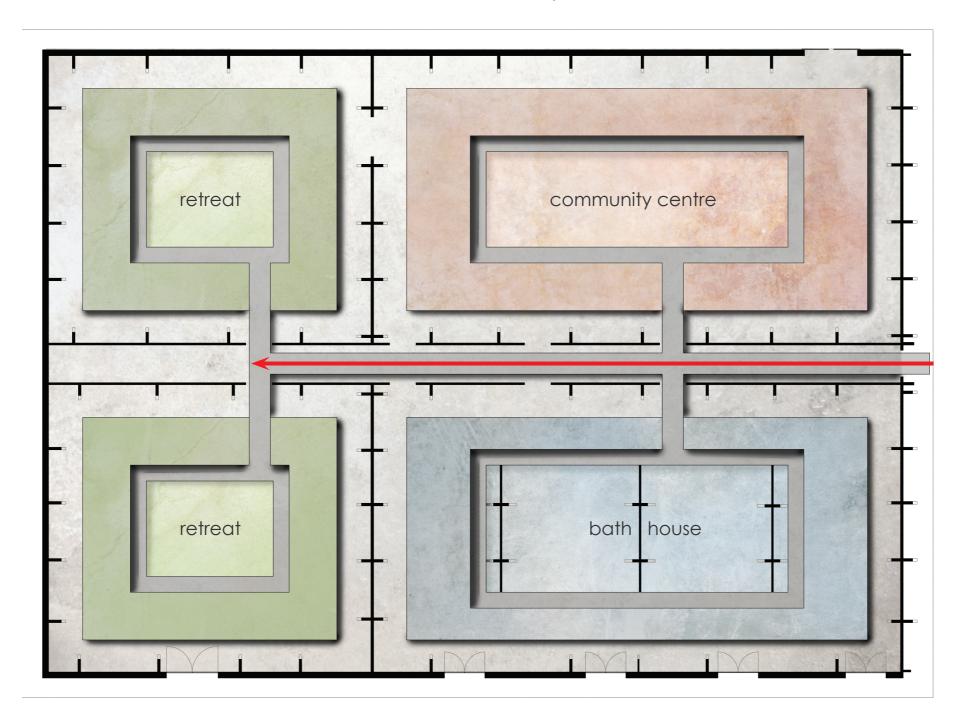
development of the new infill

house of the body



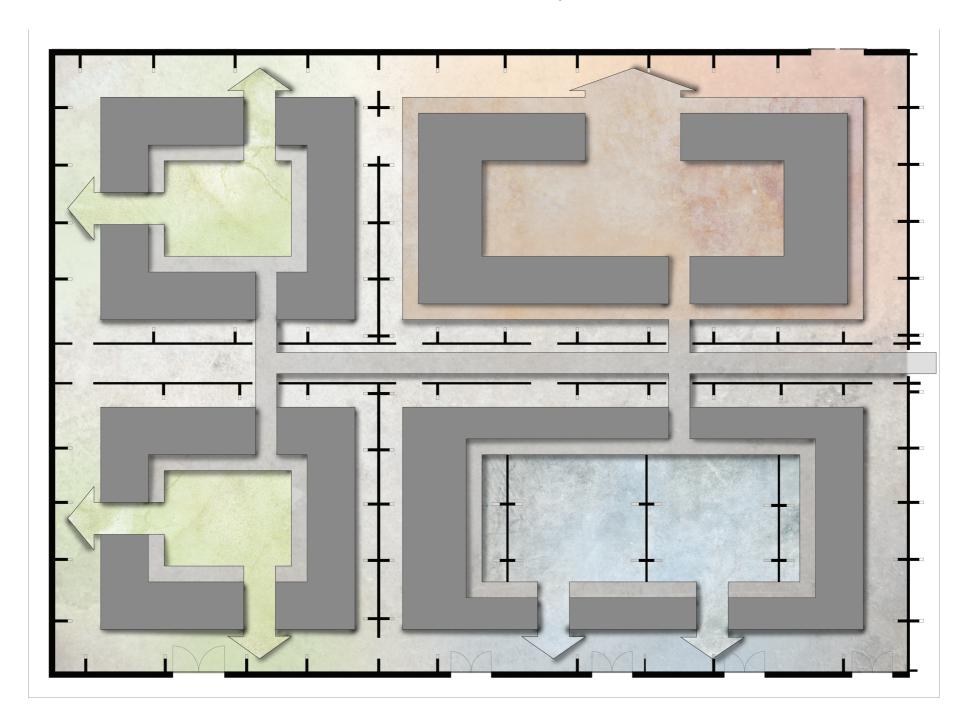
transformation of the existing: creation of a primary and secundary route

house of the body



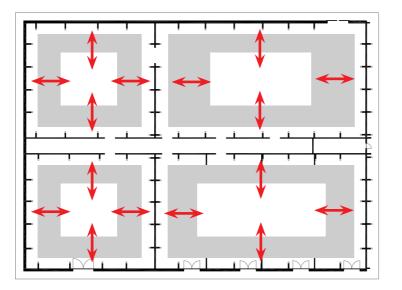
transformation of the existing: placement of the programme, creation of a privacy range

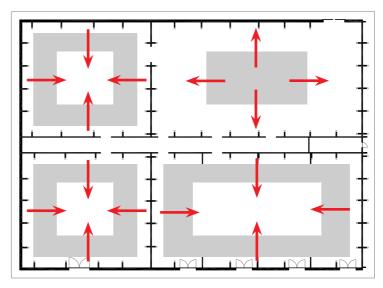
house of the body



transformation of the existing: extention of the different characters of the courtyards into the meditation route

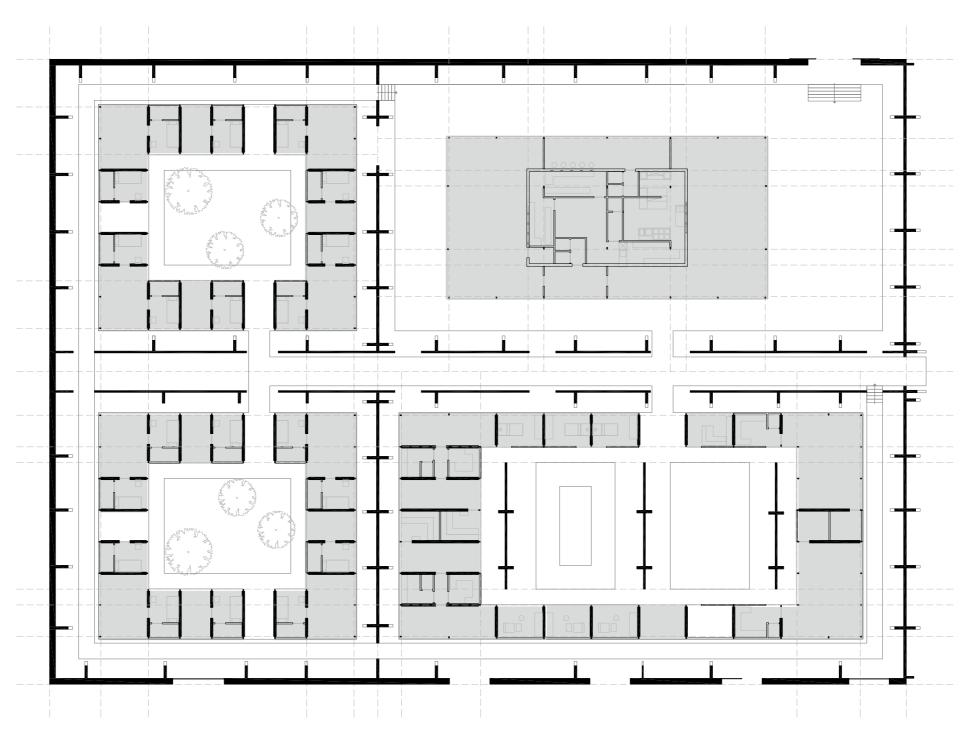
house of the body





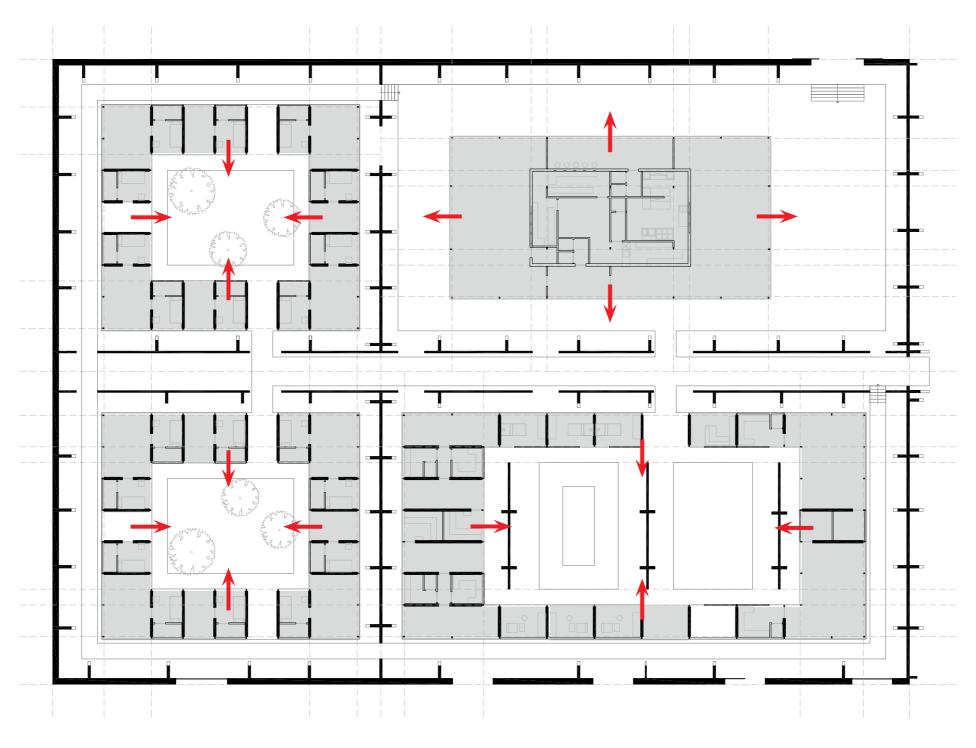
differentiation between the public and the private infill

house of the body



differentiation between private and public infill

house of the body

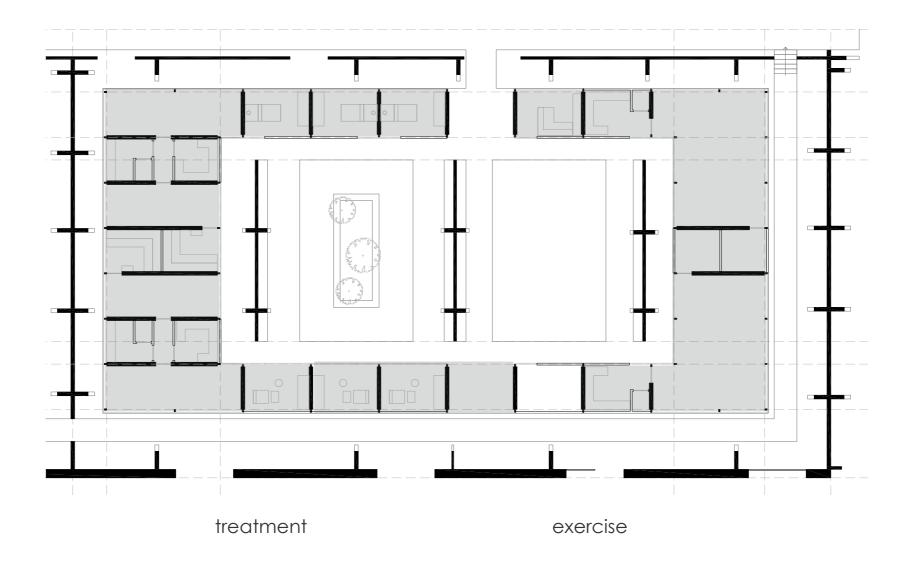


differentiation between private and public infill

IV. Architectural design house of the body differentiation between private and public infill

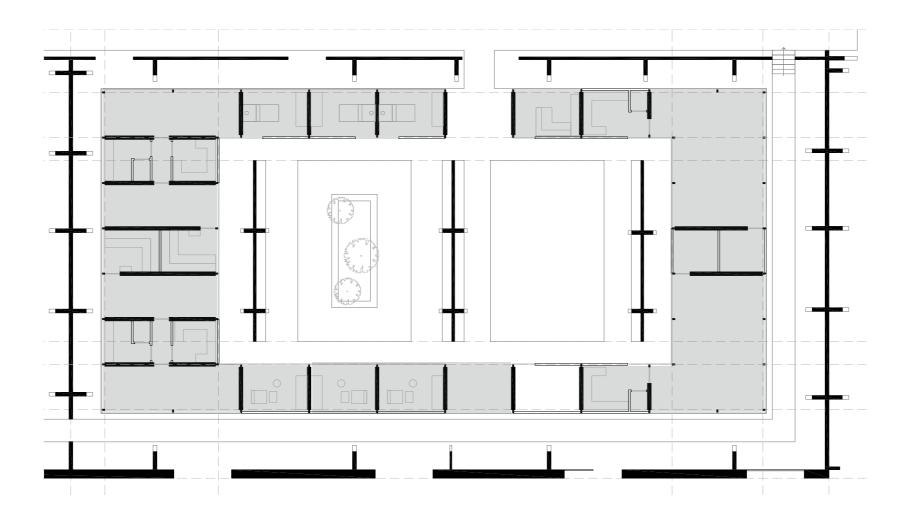
IV. Architectural design house of the body differentiation between private and public infill

the private infill



the bath house: placement of the programme

the private infill



the bath house: privacy range

the private infill

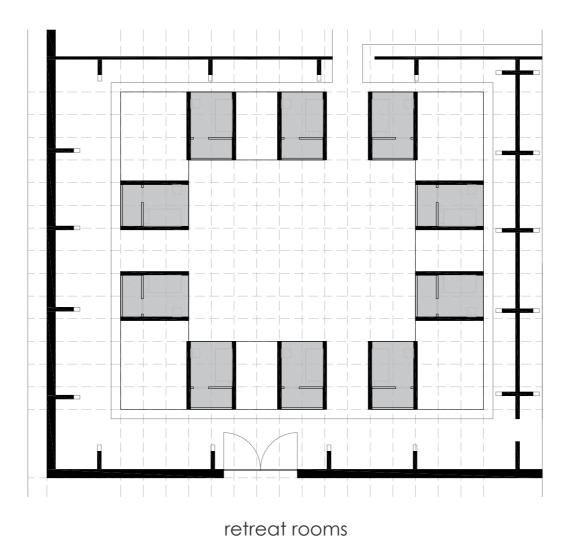




exercise treatment

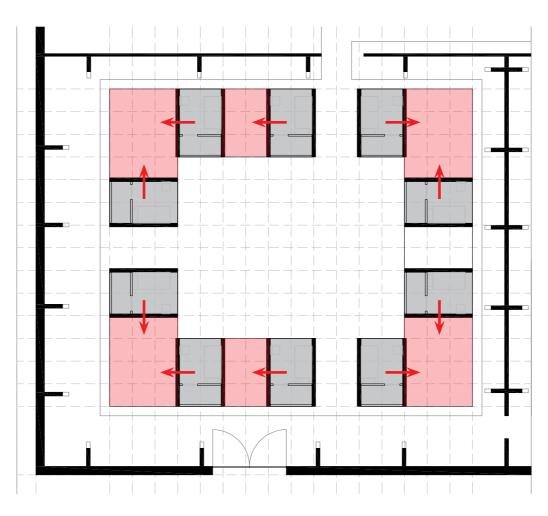
the bath house: privacy range

the private infill



retreat: placement of the programme

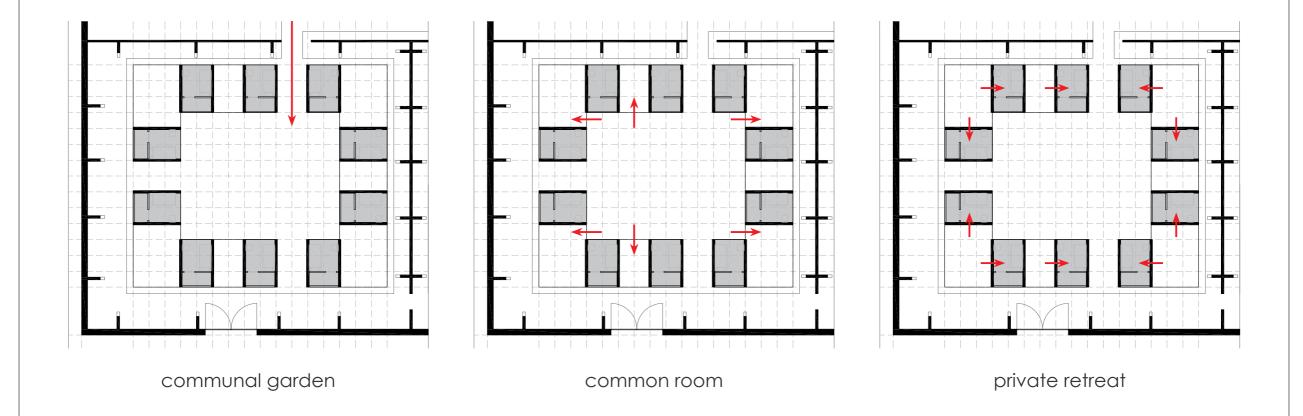
the private infill



shared common space

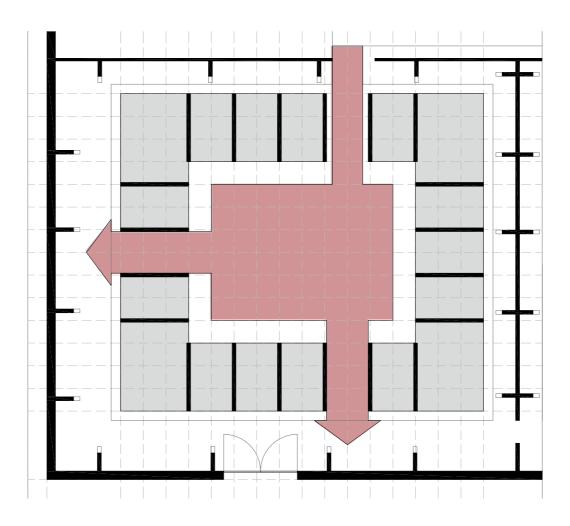
retreat: placement of the programme

the private infill



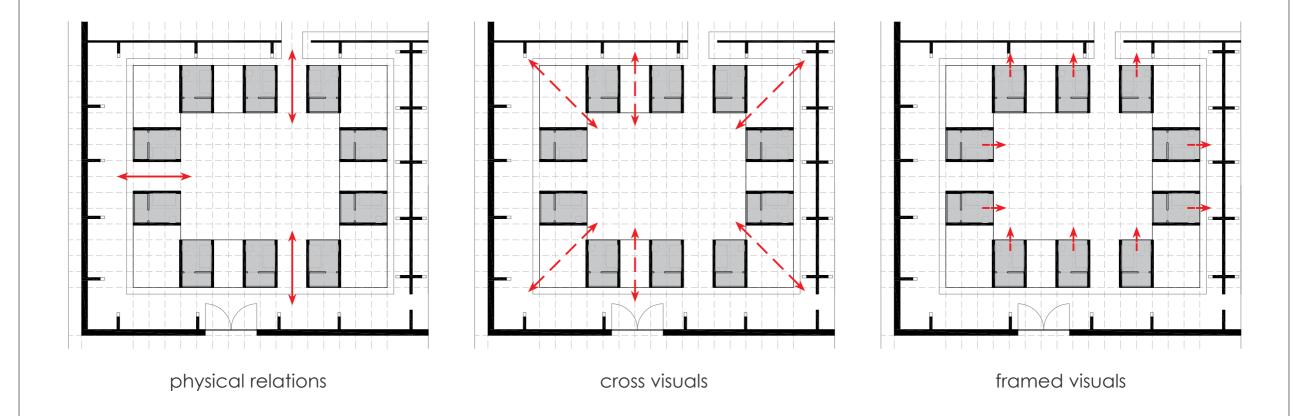
retreat: privacy range in spatial organisation

the private infill



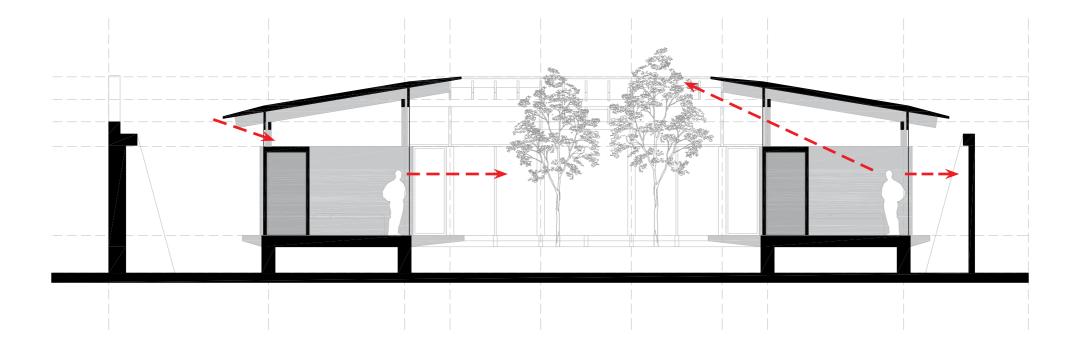
retreat: opening of the volume

the private infill



retreat: hierarchy in visual relations

the private infill



retreat: visual relations

the private infill



retreat: visual relations

the private infill



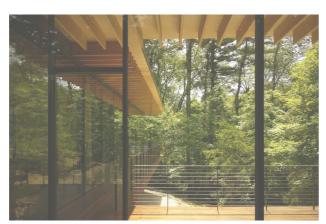
the private infill



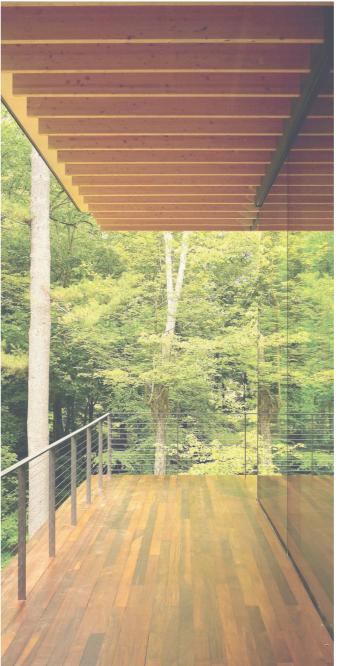
articulation of the private infill: the enclosed character

the private infill



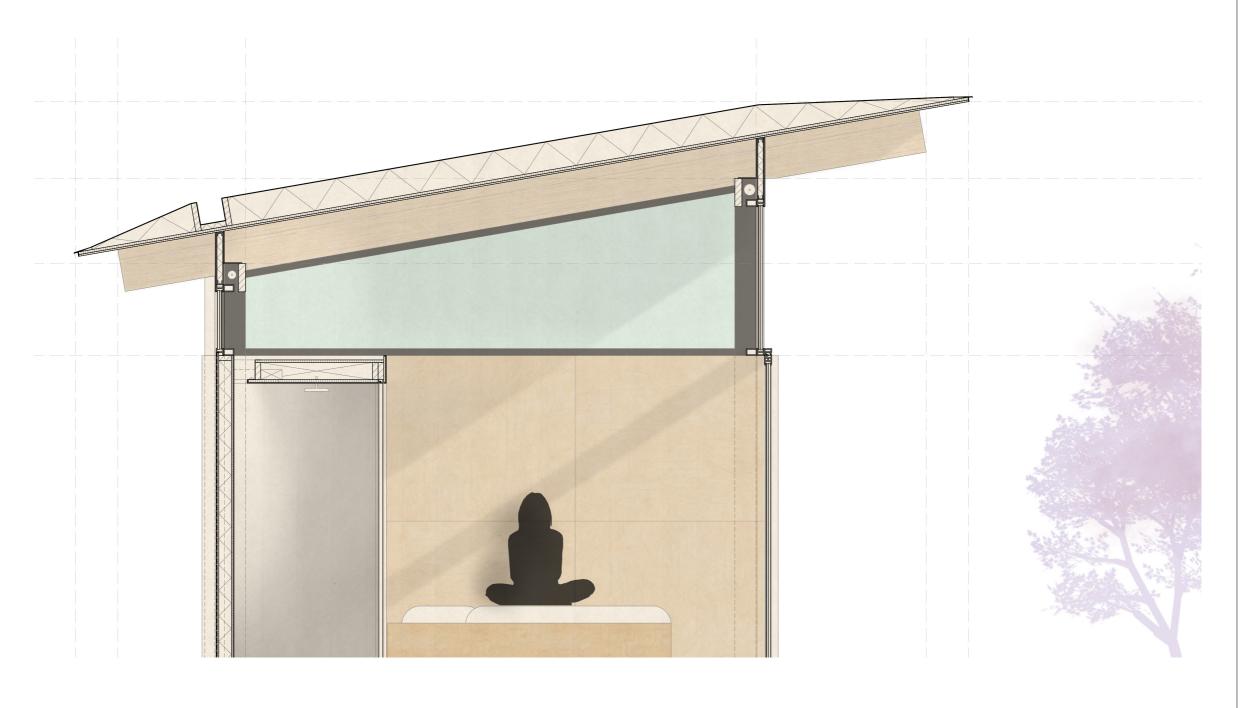






Glass / Wood House, Connecticut - Kengo Kuma Associates. Images: www. archdaily.com, retrieved 14-02-2018

the private infill



articulation of the private infill: the floating roof structure

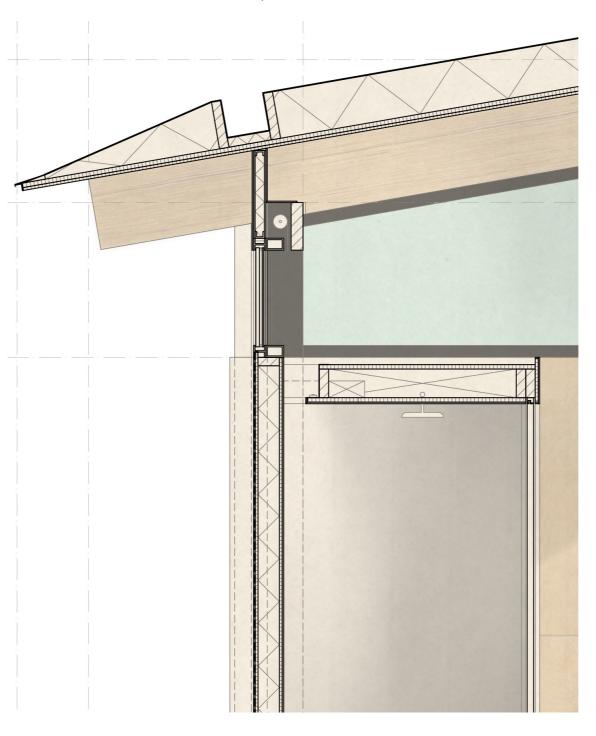
the private infill



The Walled, Yangzhou -Neri&Hu Design. Image: www.archdaily.com, retrieved 14-02-2018

articulation of the private infill: the experience of diffuse light

the private infill



articulation of the private infill: the experience of diffuse light

the meditation route



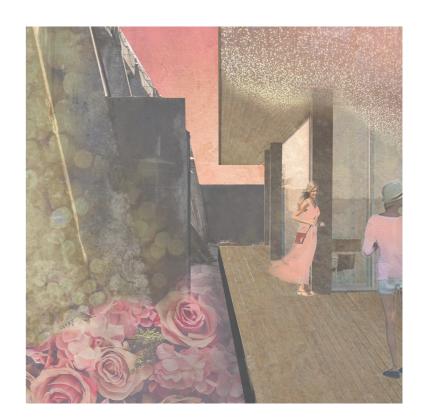
The Walled, Neri&Hu Design. Image: www. archdaily.com, retrieved, 14-01-2018

character of the meditation route

the meditation route



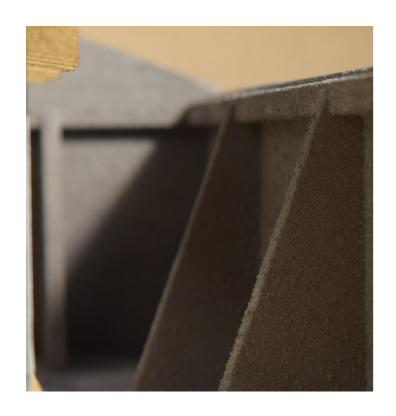


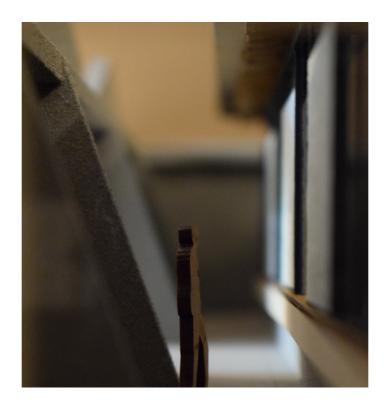


relaxation introspection relativation

guidance of the different characters of the courtyards for the different steps of the meditation process

the meditation route







V. Considerations

reflection

"How can the design of public interiors empower the transformation of industrial sites within an existing urban structure?"

answering the research question

V. Considerations

reflection







relaxation introspection relativation

