clarisse queiroz

portfolio

architecture urbanism **design**

list of projects working for private companies

professional experience

2021 **Kaira Looro competition - women's house**
2015 **sustainability house in Campinas**
2016 **kindergarden school in Brasíliia**
2020 **bar cart Rondon**
2018 **chalets for community tourism in Cumbe**
2019 **bike parking installation manual**
2019 **house on 18th street**

academic experience

2018 **graduation project - prelude**
2013 **public housing**

contents

professional experience

architecture as mediation

Kaira Looro competition - women's house

YEAR: 2021
LOCATION: Baghere, Senegal
TYPE: Collaborative work / group competition

Project developed with Yuka Ogawa, Lucas Costa, Frederico Leite, Júlia Brito
autocad, sketchup, v-ray, photoshop, indesign, illustrator

CONTRIBUTION: concept, 3d modeling, renders (images), graphic design, Choices & Limits schemes

The objective of the contest was to reflect on a "Women's House", in the municipality of Baghere - Senegal, whose conception would seek to promote gender equality as an essential characteristic of rural development, through a symbolic-ecological architecture inspired by local traditions.

This proposal explores the capacity of architectural design as a mediator of collective decision-making processes. It is a method to be applied as a workshop. Female empowerment is a mechanism for development, but is also a goal in itself, as it enables women to make strategic choices about their own lives and communities. Based on this concept of empowerment, we stated our design as a process, dividing it into five steps

1° step - Wish Poems: Wish Poems (Henry Sanoff - 1995 and 2001) is a group dynamic in which women must express their needs, feelings and desires regarding the building or environment, verbally or through drawings.

2° step - Layers: The architect who will mediate the moment will present to the women the layers of the architectural design using a model of the building's structural module. Materials and methods can be changed and adapted to techniques that they consider most appropriate.

3° step - Choices & limits: This step of the workshop will be carried out using a model with five structural modules that define outdoor spaces, also with a model of the site with existing elements. Each module must be collectively defined with a spatial quality compatible with its use.

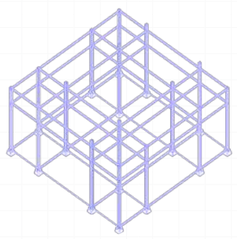
4° step - Final adjustments: The architectural design will be finished by the team of architects, who will make necessary adjustments.

5° - Construction site: The last step should be for training all women in the construction techniques of the wooden structural module. Finally, women must self-manage the construction site.

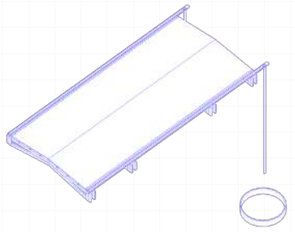
1°- Wish Poems

on site meeting with women and the team responsible for the project

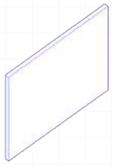
2°- Layers



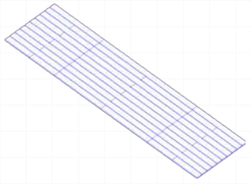
pillars, beams and foundation



coverage, gutter and cistern

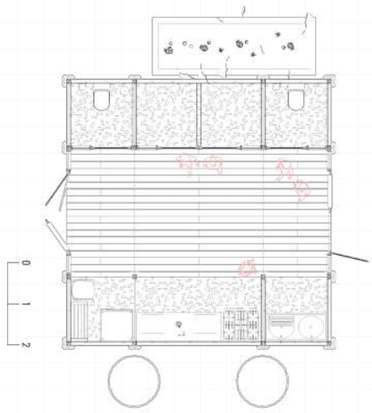


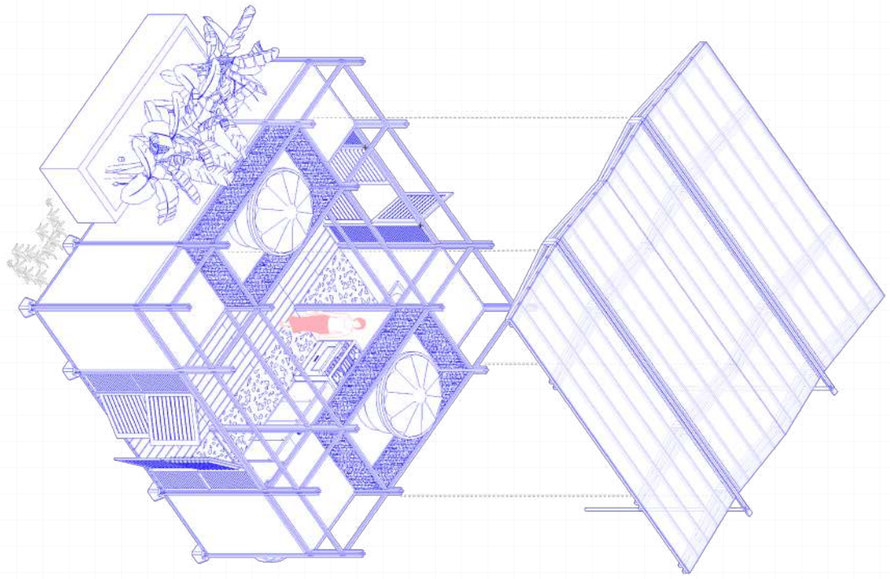
skin



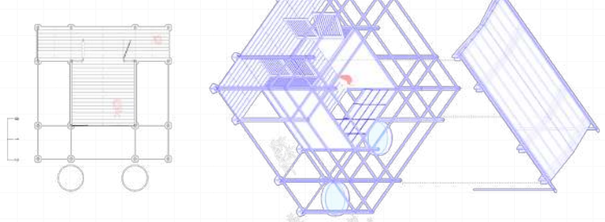
circulation and accesses

infraestructure module

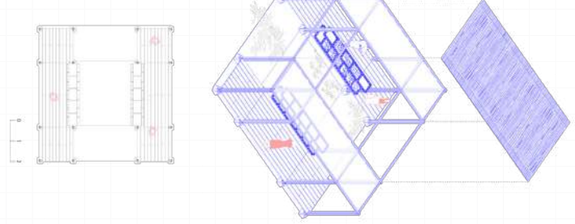




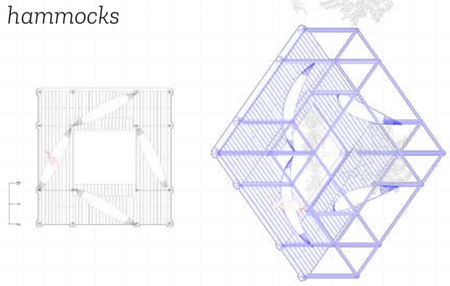
sacred



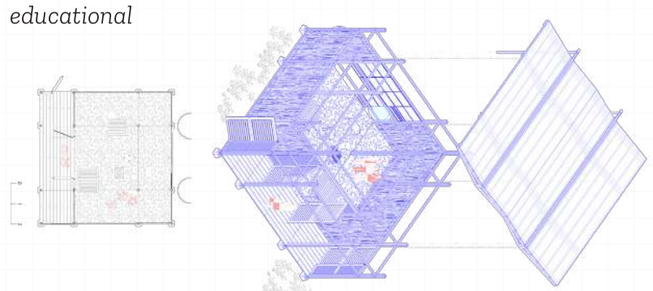
market



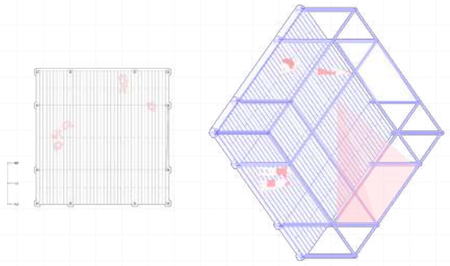
hammocks



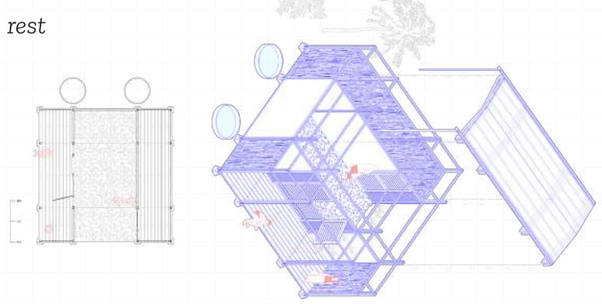
educational



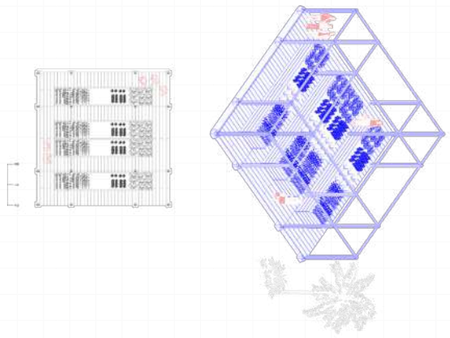
cinema



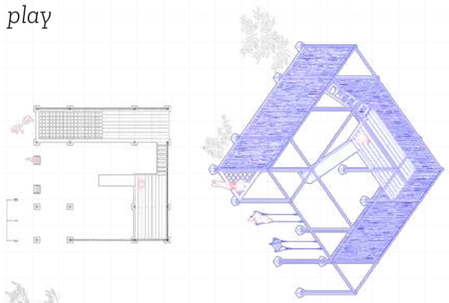
rest



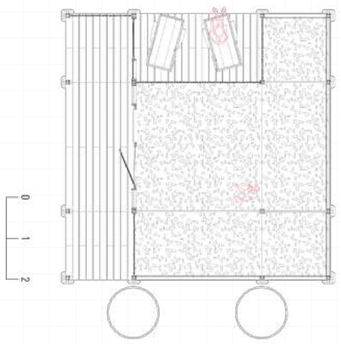
garden

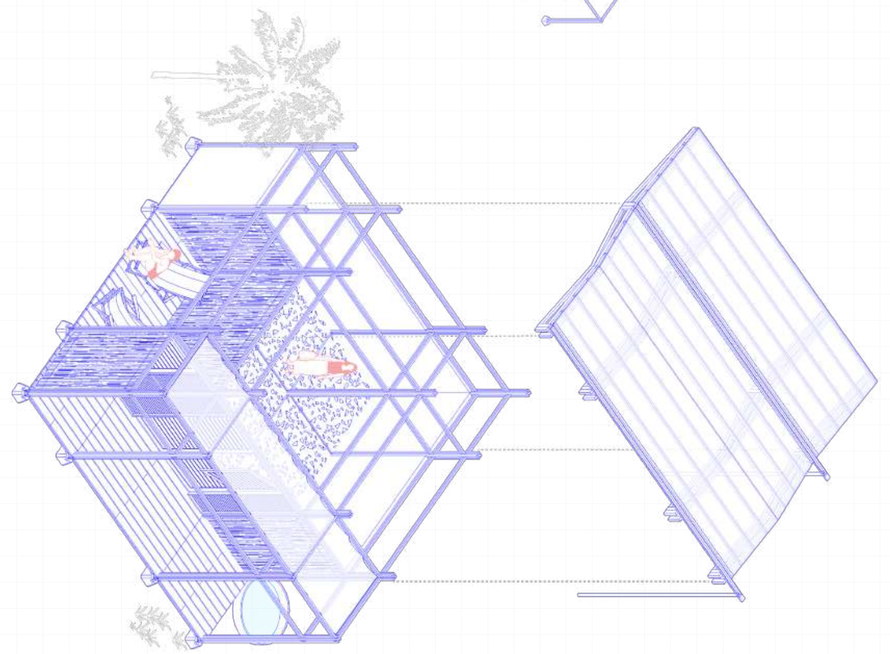


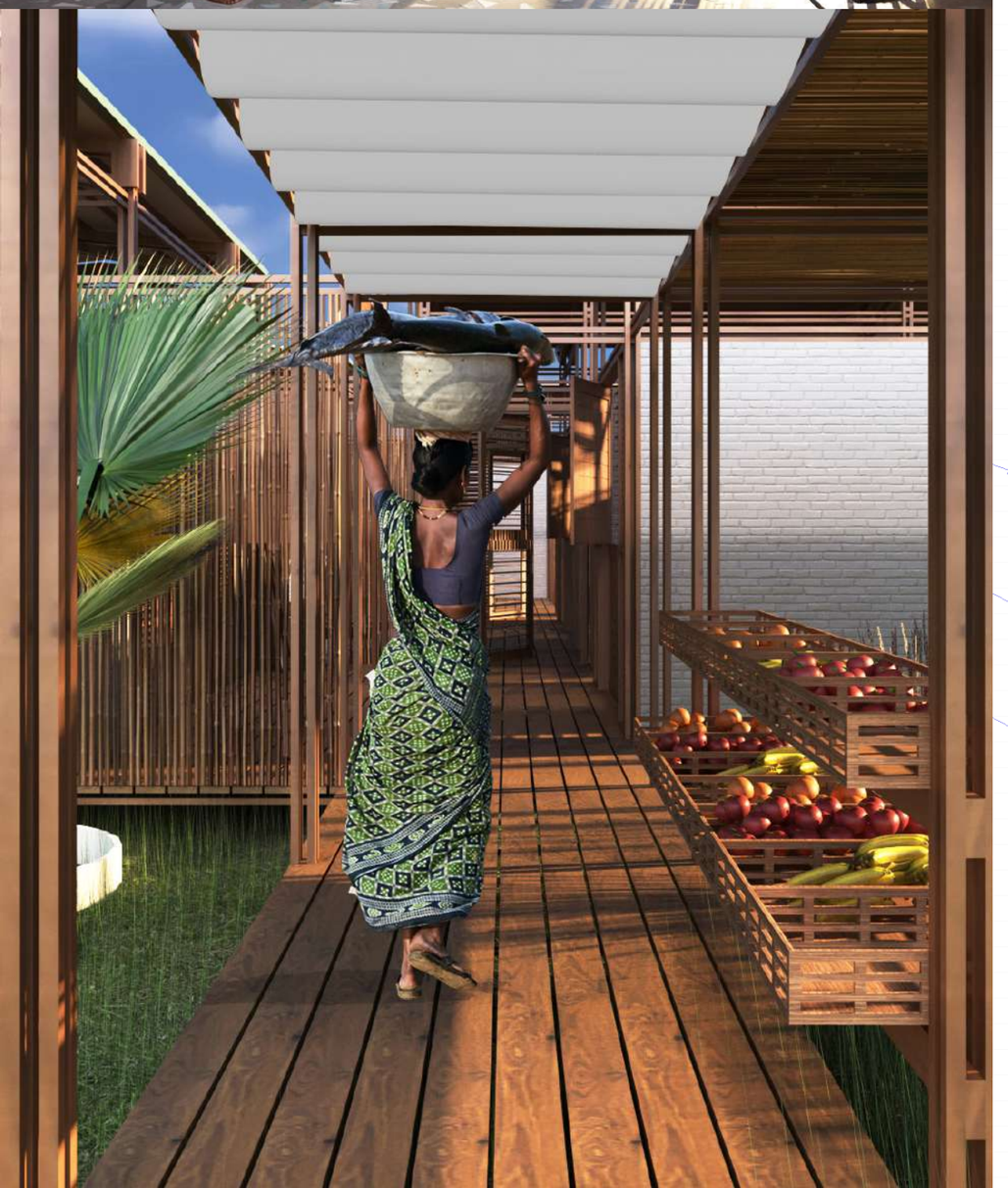
play



administrative module







5°- Construction site

kindergarden school

Centro de Ensino Infantil Parque do Riacho competition

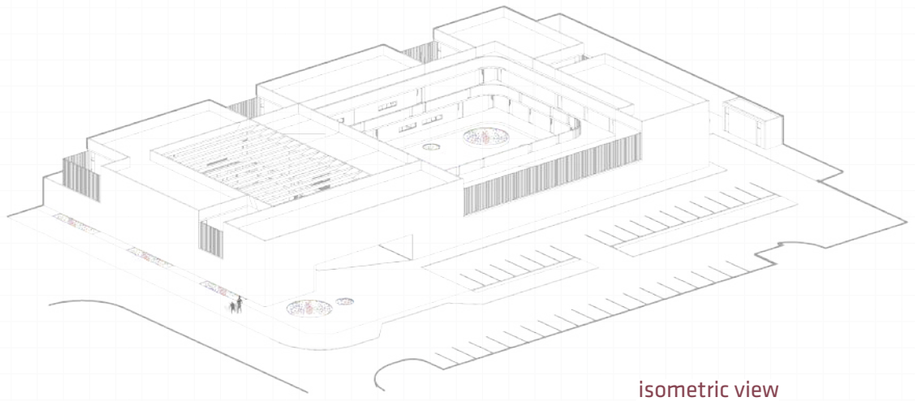
YEAR: 2016
LOCATION: Brasília, Brazil
TYPE: Office-related

Project developed with Rede Arquitetos and Yuka Ogawa
archicad, autocad, v-ray, photoshop, indesign, illustrator

CONTRIBUTION: concept, 3d modeling, graphic design, plants and sections

The project is based on three fundamental issues: the flexibility of its formal structure, its adaptability over time and in different contexts; the character of the created spaces, suitable for children; and its implementation so that the building acts as a mediator between the public and the private spaces.

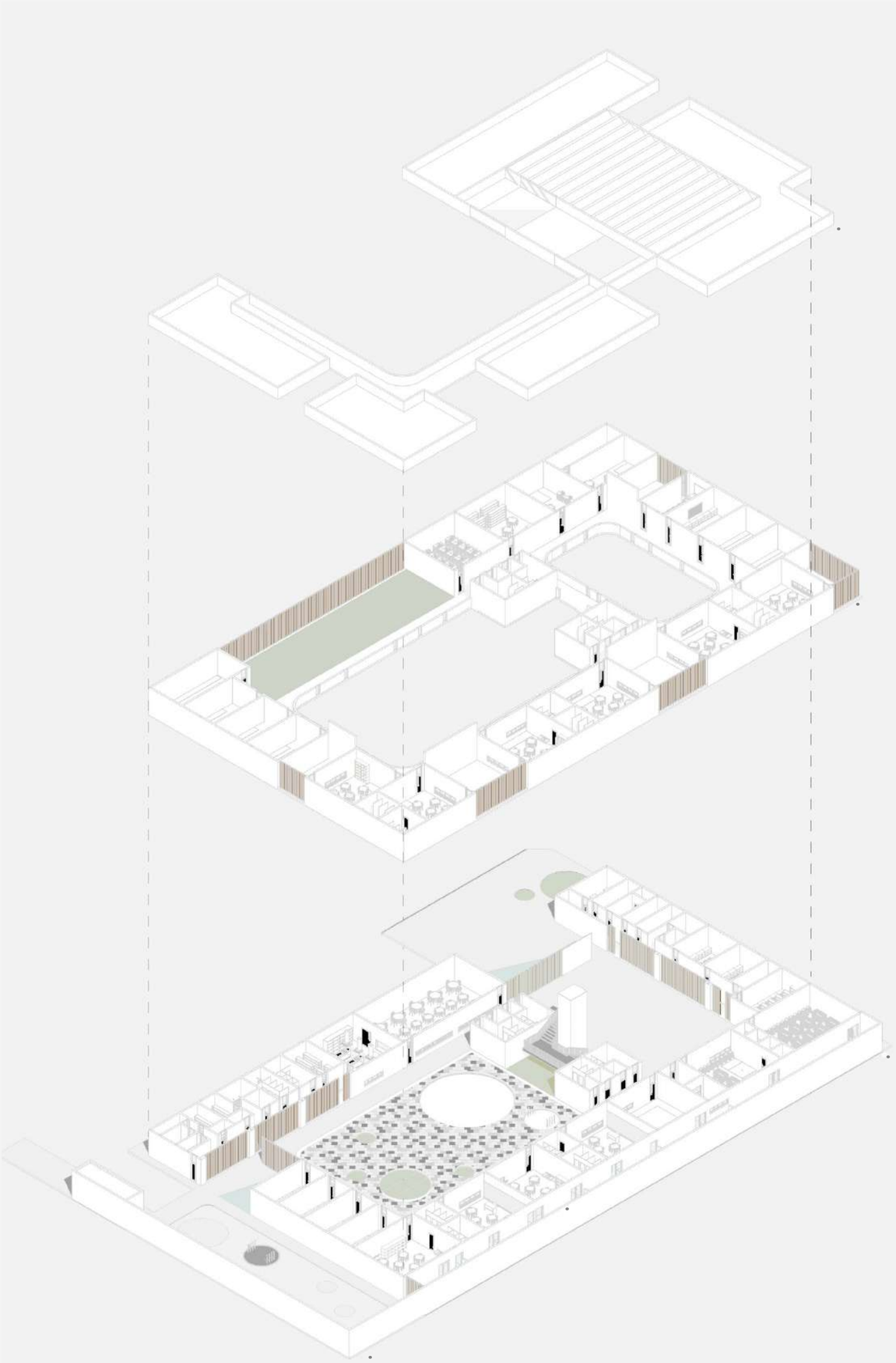
The basic structure was conceived from a 7.20 x 7.20 meters module, which works with variations to accommodate different uses, ensuring the flexibility of layout and allowing design's diversity for its application in lands with different contexts, since, within the square module, it is possible to rearrange the spaces and guarantee the full functioning of the building. This solution also allows for future extensions, since the constitutive logic of the project starts from a base module expandable.

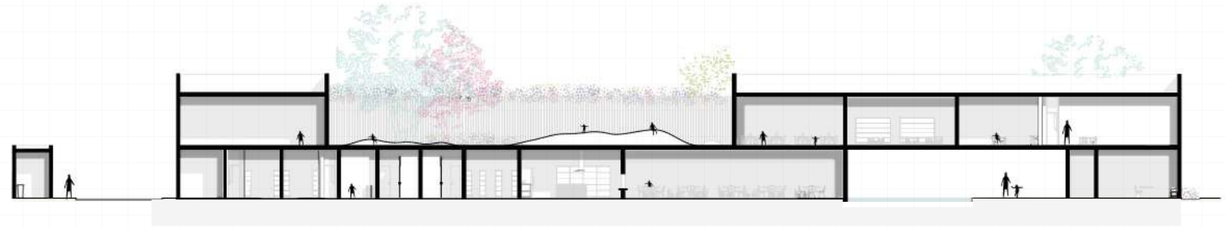


isometric view

In the organization of space, we focused on ensuring the integration between the division of teaching, administrative sectors, services and common area, but, at the same time protecting the specific activities of each part of the program.

Inteding not only to the specific educational function, but also to act as a potential generator of public and open spaces, we purposed to create an indented access space, free with the possibility to gather people and, at the same time, mark the transition between the external public space and the private space of the equipment.





section A

section B

sustainability house

Casa da Sustentabilidade competition

YEAR: 2015/2016
LOCATION: Campinas, Brazil
TYPE: Office-related

Project developed with Rede Arquitetos
archicad, v-ray, photoshop, indesign, illustrator

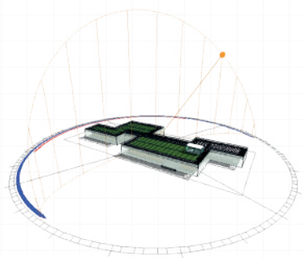
CONTRIBUTION: concept, 3d modeling, graphic design, plants and sections, metal panels

The objective of the contest was to select architectural proposals for the construction of a public facility called "Sustainability House", to be installed in the Municipal Park Taquaral, in the city of Campinas, state of São Paulo.

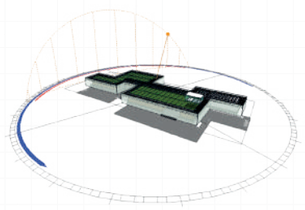
The project starts from the global understanding of the concept of sustainable development, seeking a proposal that is not only ecologically correct, but also concerned with economic, social and cultural factors. A project like this should point out paths where architecture should go to become more aware of its impacts, reaching the desired sustainability. The biggest paradigm to be changed is to understand the constructions not as artifacts that only consume energy, but also producers. In this way, the building is understood as an ecosystem that produces part of what it consumes and can still supply external demands.

Therefore, it was sought to reconcile two postures regarding sustainability: the use of cutting-edge construction technologies and techniques, since the building will function as a display of such technologies; and passive resources, values inherent to architecture.

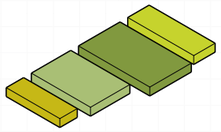
The project basically consists of four elements: a metallic modulated structure (7.5 m x 7.5 m), for the easy construction, rationalization and recycling possibility; a cover that alternates precast sheds that receive photovoltaic plates and allow indirect lighting of internal spaces, in addition to a green surface that captures water and reduces transmittance thermal; a metallic skin away from the cover projection that covers its entire perimeter, protecting it from direct sunlight, allowing cross ventilation and creating a layer of air isolating the interior of the building; and the micro units of the program, prefabricated self-supporting boxes that vary their finish between pine wood and glass, sometimes opaque, sometimes translucent, depending of the function they harbor.



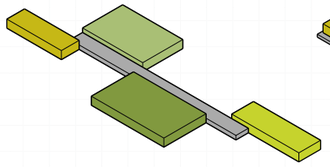
insolation summer



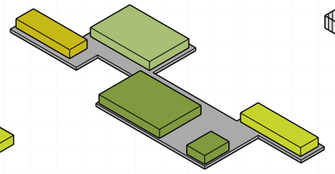
insolation winter



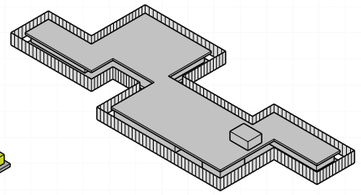
program



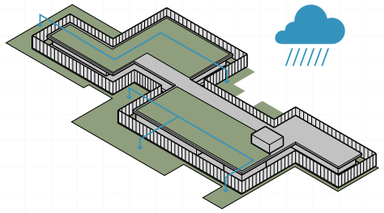
linear distribution



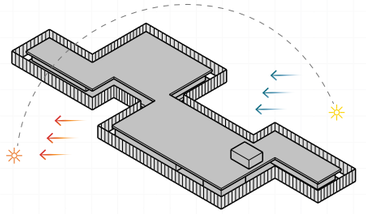
organization on slab



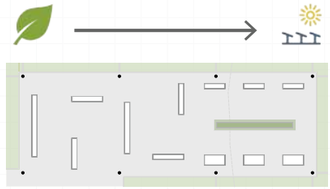
final form



rainwater and gardens



insolation and ventilation



exhibition area

bar cart Rondon

furnitue design

YEAR: 2020
LOCATION: Fortaleza, Brazil
TYPE: Collaborative work / freelancer

Project developed with Yuka Ogawa
autocad, sketchup

CONTRIBUTION: concept, 3d modeling, articulation with suppliers

The furniture arose from the client's desire to reuse an old granite top that was broken. The stone was split into smaller furniture - such as corner table tops and decorative boards - and part was separated to be used in a bar cart, resulting in the bar cart Rondon.

We use mixed carbon and stainless steel, according to the material residues mined in the Naval Industry, as well as the wheels and the shelf in solid wood scraps; the finishing was in polyurethane paint on the metals, sanding on the sides of the wheels, to provide friction with the floor, and varnish on the shelf.

chalets for community tourism

Maquinar competition

YEAR: 2018
LOCATION: Cumbe, Brazil
TYPE: Collaborative work / group competition

Project developed with Gabriela Marques and Igor Gonçalves
archicad, v-ray, photoshop, indesign, illustrator

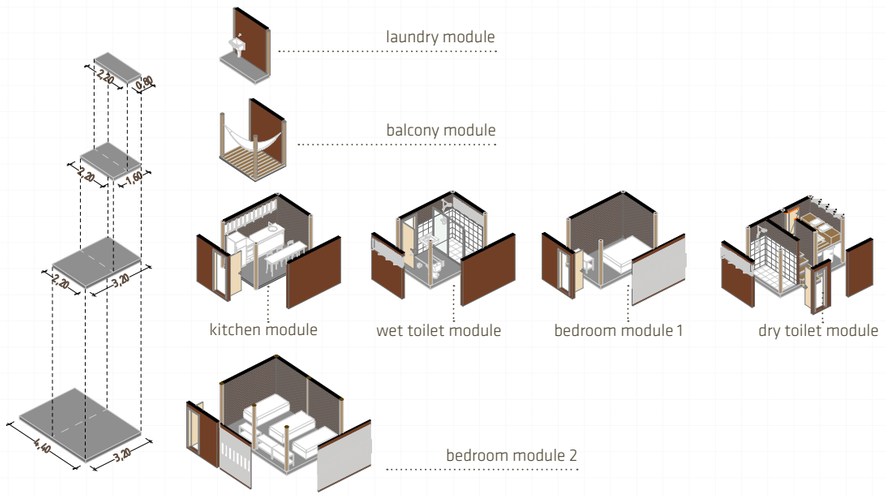
CONTRIBUTION: concept, 3d modeling, renders (images), graphic design, schemes (construction site and modules)

The project is located in Cumbe, a traditional community of quilombola descent, in the Northeast of Brazil, formed by approximately 150 families, mostly fishermen, artisans and farmers, who live on the banks of the Jaguaribe River.

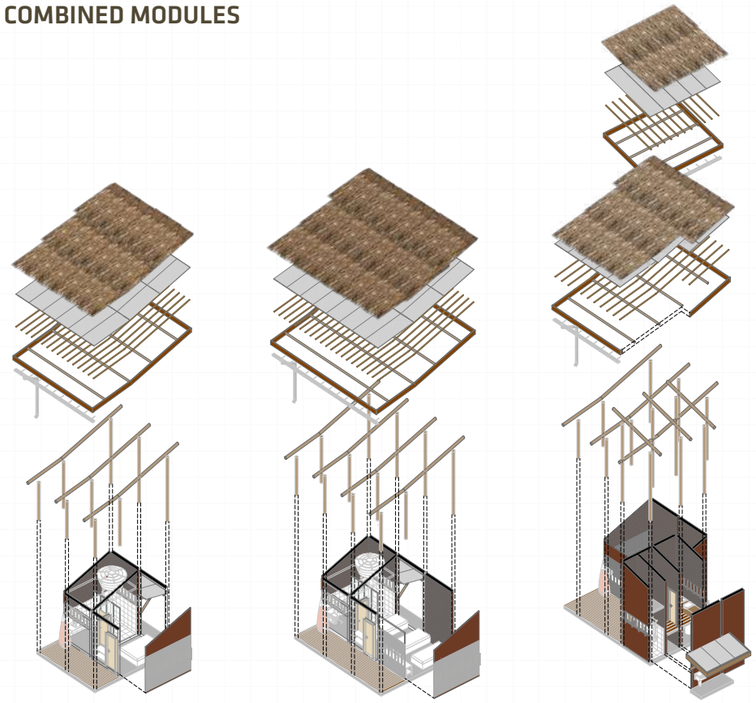
Recognizing the local demand and the profile of integration of the community with the natural environment, the project aimed to promote an alternative accommodation for community tourism. Thus, it was intended not only to discuss problems, but also to propose alternatives in a participatory and democratic way, building structures that permeate the physical environment of Architecture and provide community strengthening.

MODULES

The program was thought as independent modules (bedrooms, toilets - dry and wet, balcony, laundry and kitchen) which can be combined in different types, in order to better meet the characteristics of each terrain, with the continuous interconnection among design, construction and use.



COMBINED MODULES



combined modules
typology 1

combined modules
typology 2

combined modules
typology 3

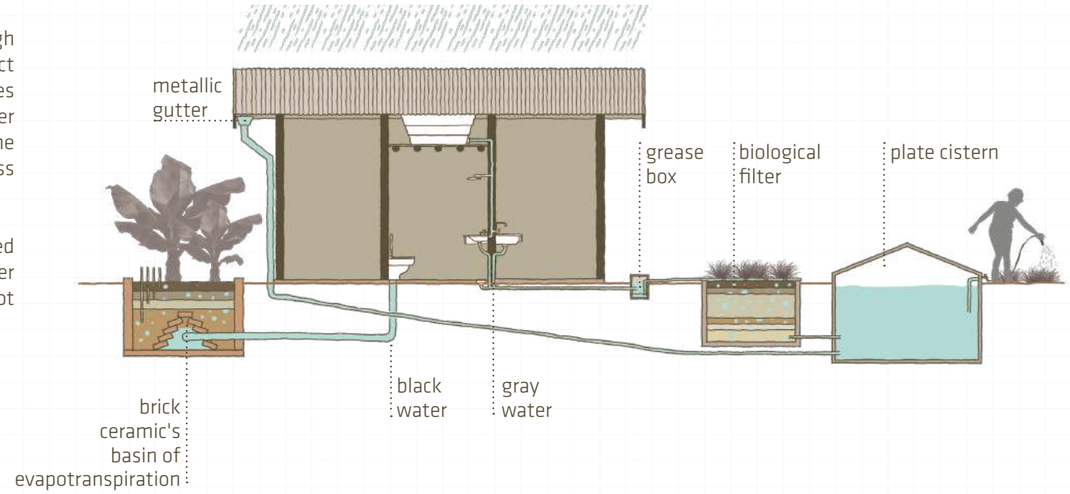
CONSTRUCTION SITE

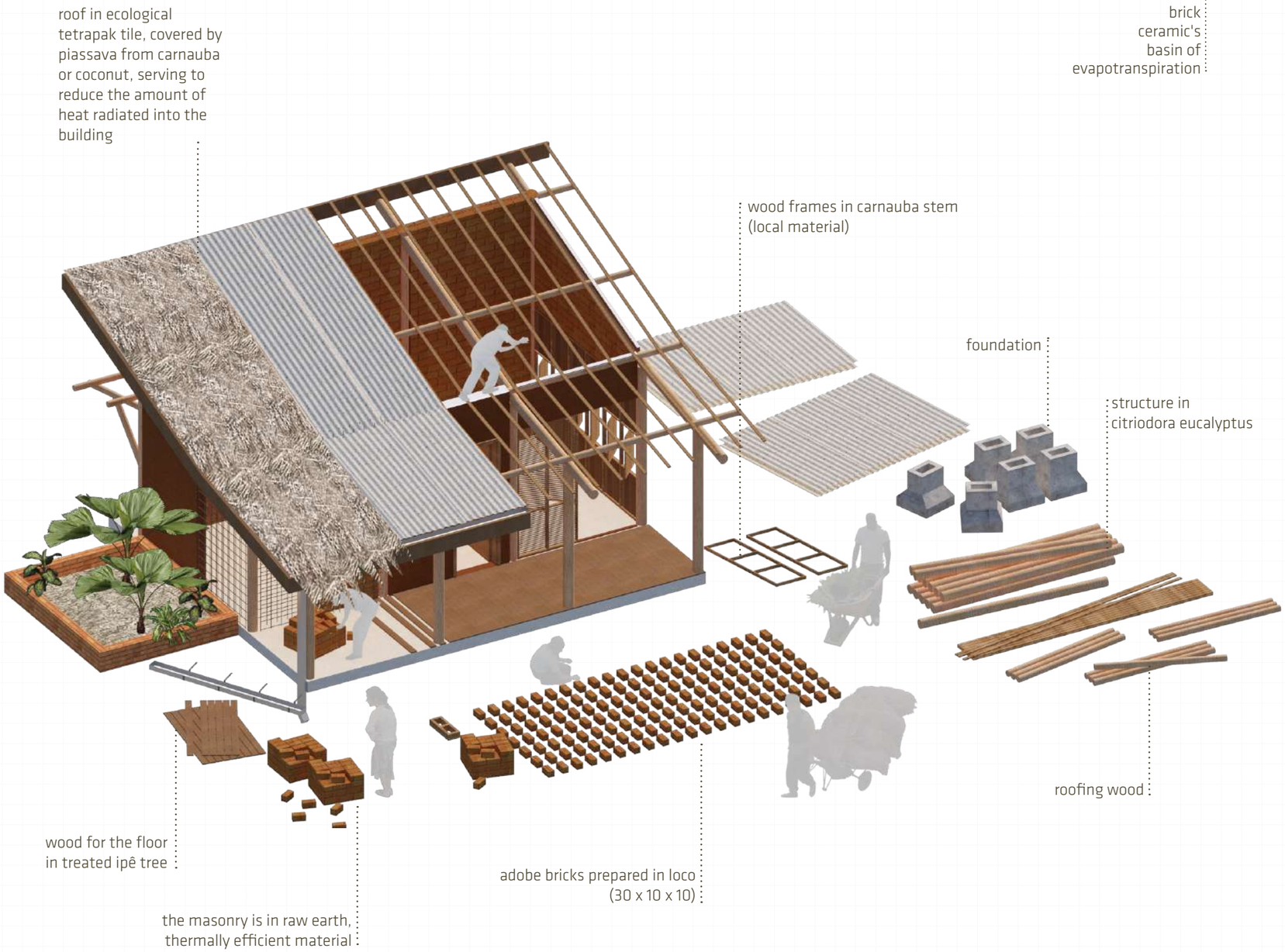
The concept of the project led as to use materials with less environmental impact, cheaper, easily available on site and that allow greater thermal comfort on the building. The chalets for community tourism were proposed as an open system for experimentation and personal appropriation of the space, since the construction.

WATER USE

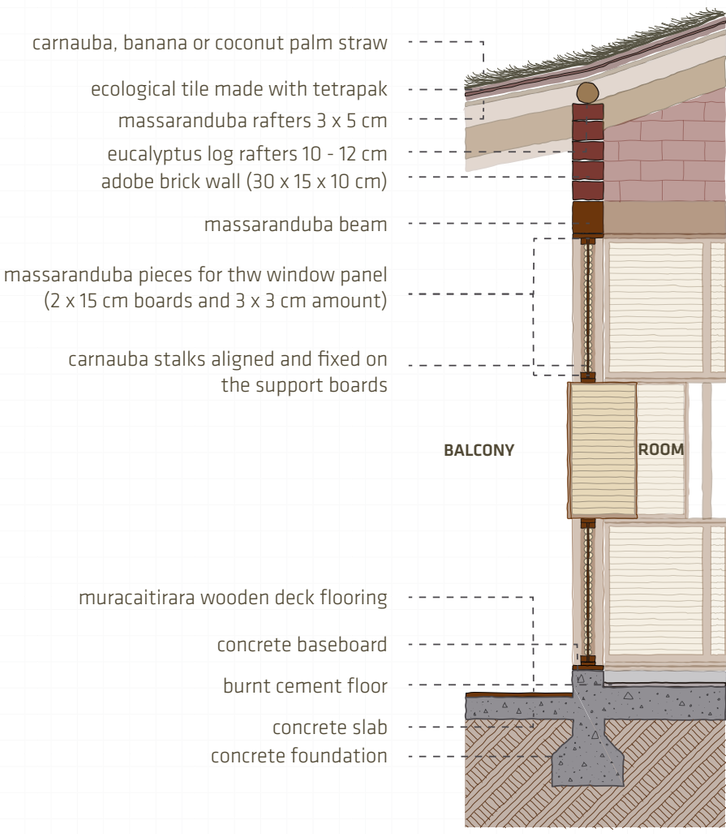
An important issue in Cumbe is the high value of piped water. Thus, the project has as one of the main guidelines to provide water use and greater financial savings, being a way for the visitor to have an experience with less environmental impact.

The purpose of the technologies used is to make it possible that all the water used in the accommodation unit is not discarded but reused.





DETAIL



bike parking installation manual

for Fortaleza's City Hall, Bloomberg Philanthropies and Vital Strategies.

YEAR: 2019
LOCATION: Fortaleza, Brazil
TYPE: Collaborative work / freelancer

Project developed with Yuka Ogawa
photoshop, indesign, illustrator

CONTRIBUTION: concept and graphic design

The graphic design project for the Bike Parking Installation Manual was a demand presented by the City Hall of Fortaleza, sponsored by the international institutions *Bloomberg Philanthropies* and *Vital Strategies*.

Over the past seven years, Fortaleza has reshaped their streets to prioritize people cycling, walking, rolling, staying. Currently, the city has a total of 317.3 km of bike lanes and its residents show more and more enthusiasm in adopting this new mode of transportation, something revolutionary in the history of the city.

Taking this into account, the purpose of the brochure was to encourage and instruct local citizens on why and how to install bike parkings on streets and sidewalks in a safer, more appropriate and easier way.

The graphic design project had as guidelines the use of the official colors of the City Hall combined with a young and playful language, using architectural drawings to better illustrate the installation step by step and the various types of this urban equipment.

link to access: https://mobilidade.fortaleza.ce.gov.br/images/pdf/Pequeno_Manual_dos_Paraciclos_versao_online.pdf

house on 18th street

interior design

YEAR: 2019
LOCATION: Fortaleza, Brazil
TYPE: Collaborative work / freelancer

Project developed with Yuka Ogawa
archicad, sketchup, v-ray, photoshop

CONTRIBUTION: concept, 3d modeling, renders (images), graphic design, sections

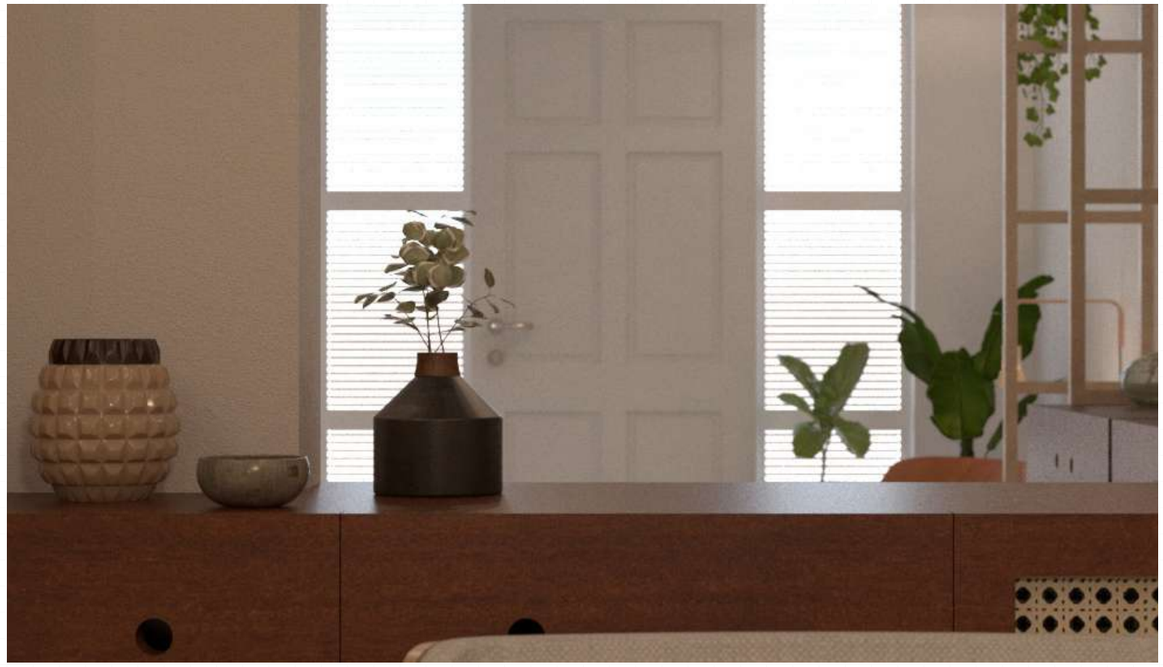
The project developed is a renovation of the social area of a house located in the city of Fortaleza, Brazil.

Under the demand for more cabinets and lighting, we seek to integrate the living room, the dining room and the kitchen through a furniture that develops itself in the extension of these areas.

The wooden bookcase, which also serves for the exhibition of objects, plants and TV support in the living room, becomes a cupboard for the dining room, unfolds into a bench and finally becomes a partition and shelf that separate the kitchen.

In the dining room, we chose to increase the existing opening and completely remove the wall, creating a frame for the door and the cabinet under the beam, in order to increase ventilation and natural light.

The existing kitchen is very small and it was necessary to make it as compatible as possible, creating cabinets and shelves, taking advantage of the existing countertop and sink, in addition to maintaining the wall covering, changing only the grout to a shade of green that spoke to the strip of color on the wall, which integrates the living room, dining room and conservatory.



academic experience

prelude: the map, the eye, the urbis

intervention and archeology

COURSE: Graduation Project
SCHOOL: UFC
ADVISOR: Prof. Dr. Renato Pequeno
YEAR: 2018
LOCATION: Iara, Brazil

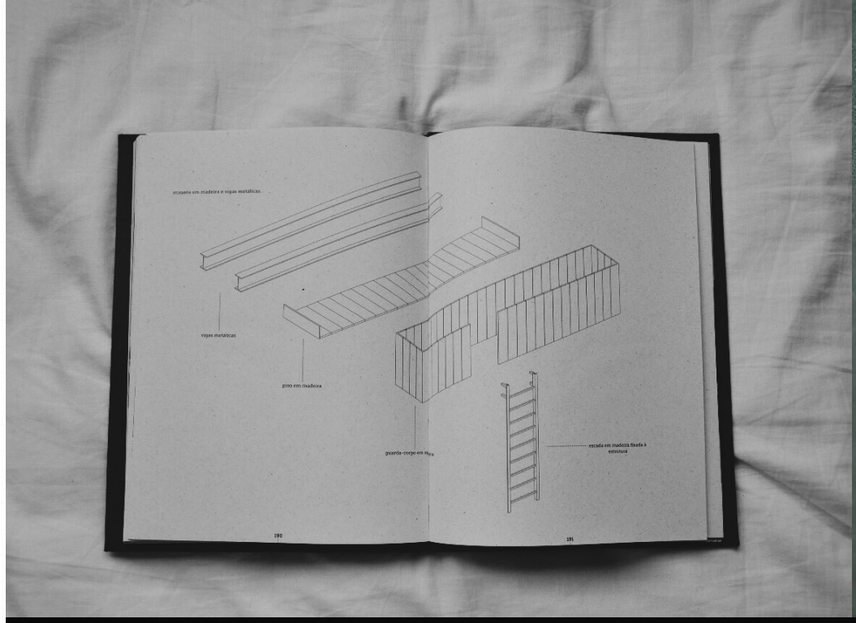
archicad, photoshop, indesign. illustrator

The study of cartography, desires, processes, cities and traditional knowledge, led me to a small district in the Brazilian semiarid, which, like other villages of the same scale, has been showing a decline in the number of inhabitants in the last decade.

The theme of this work covers a circuit of architectural and urbanistic interventions in a small town on the border between Ceará and Paraíba states, called Iara. Investigating demands and rescuing potentialities, it was possible to work exploring the macro and micro scale of the territory. The design process made me not only an architect, but also a researcher, by producing unprecedented cartographic data and visiting the homes of families in the district with a keen eye for retelling the city's history through the stories of local residents and their photo albums.

The research resulted in a circuit of interventions that included the restoration of an old public butchery to be transformed into a cultural and artistic center, the urbanization project on the border of the city's intermittent lake, which includes a pier and other leisure facilities, an amphitheater with an outdoor cinema equipment, the restoration of an old wood market, through construction interventions and the rescue of local fairs and festivities, and the implementation of technologies to mediate the lack of water arising from the problem of the drought. This work is intended to be a prelude, a first gesture towards a future in which this village, its history and knowledge, still resist.

Keywords: semiarid; research; macro and micro scale architecture; cartography; cities that disappear.

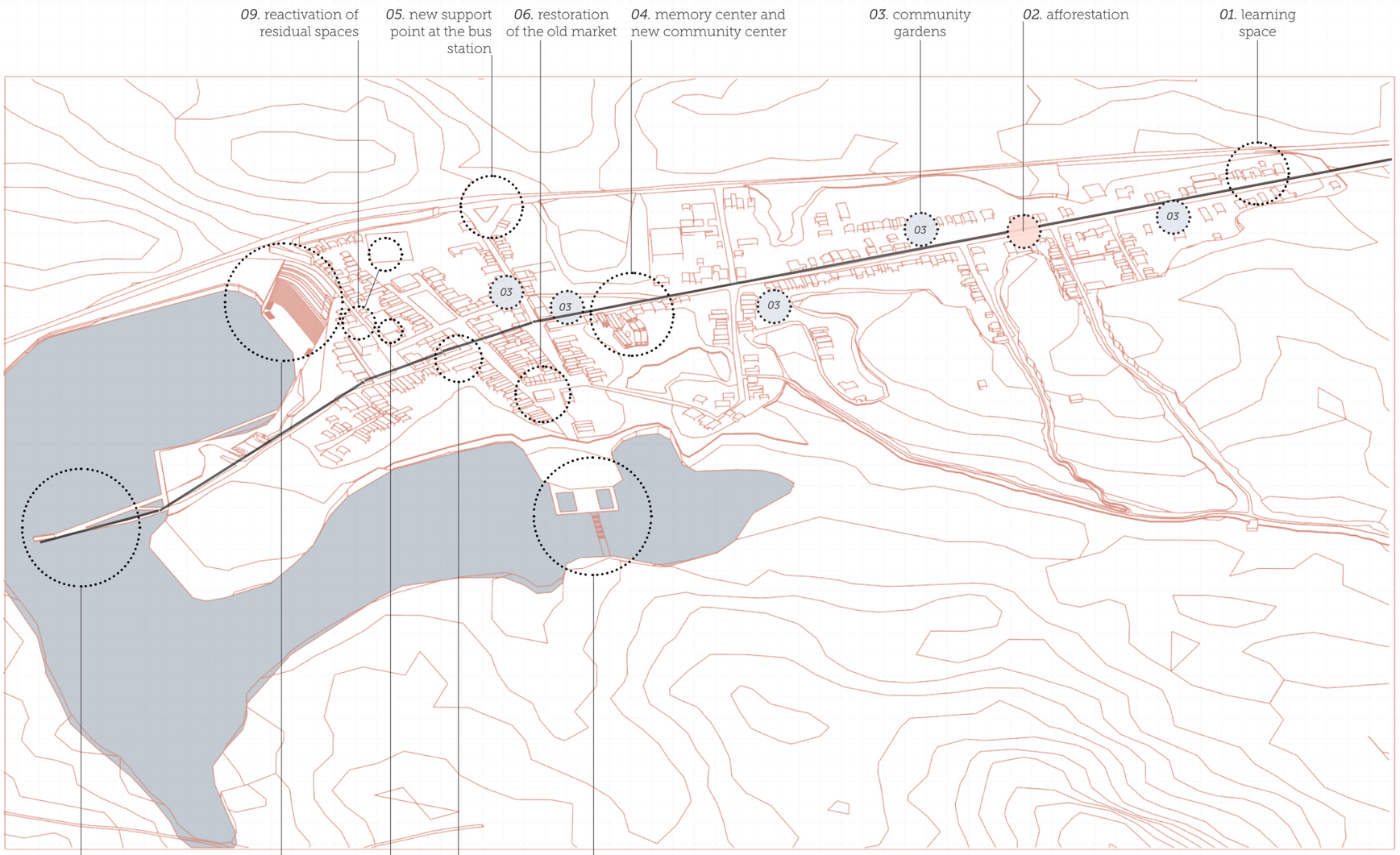


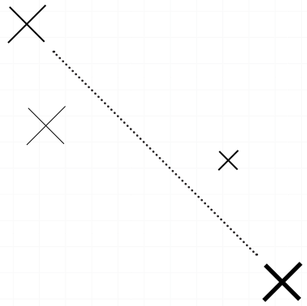
printed book and presentation day

tracing elements

A circuit of interventions along the backbone of Iara is proposed, which addresses the various scales in concept and detail. The linearity pointed out refers to the old road that connected Rio Grande do Norte state to Paraíba state and Cariri region. The study covers Iara from one end to the other, from the old cheese factory to the remains of the old road, now located within the perimeter of the weir.

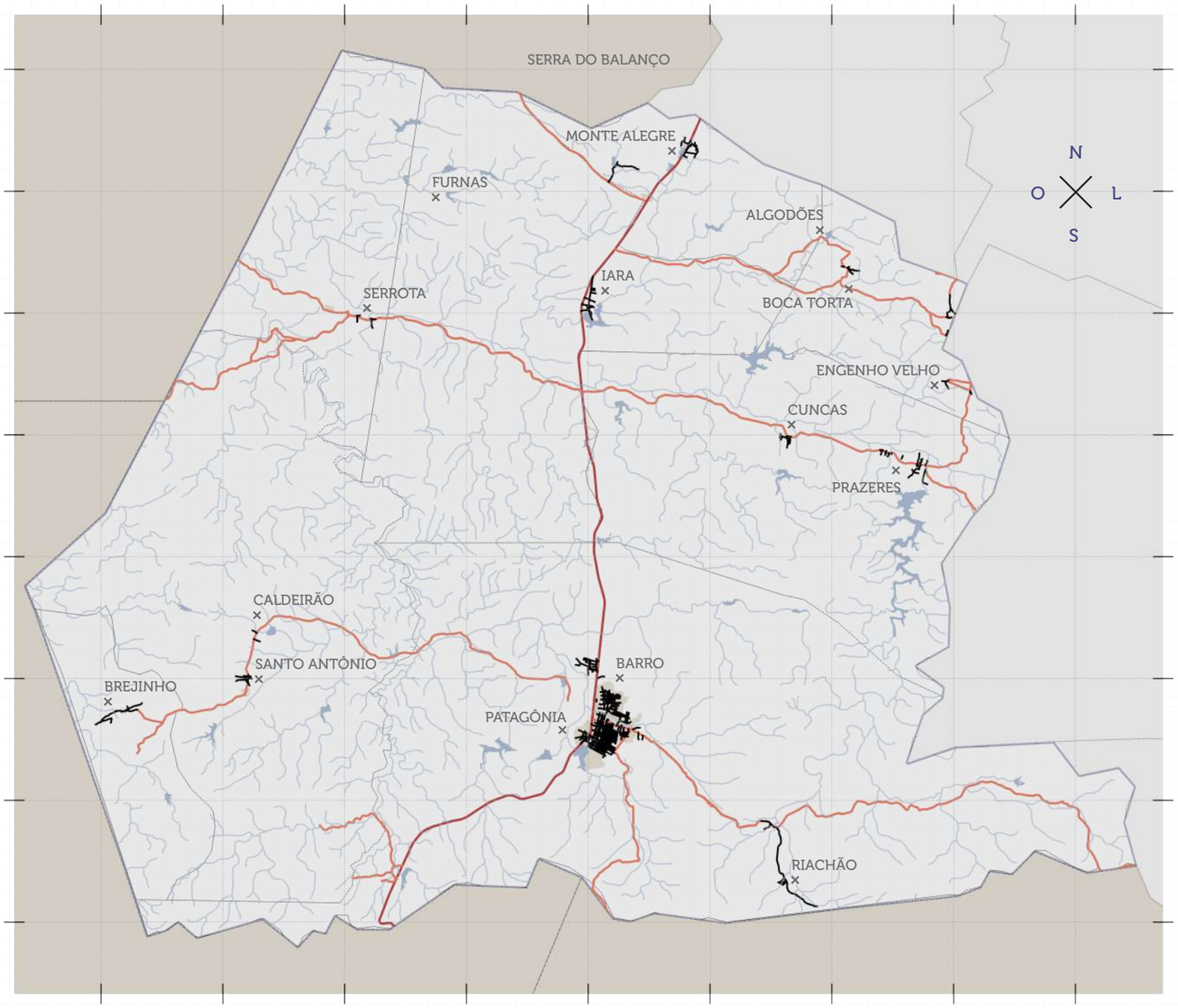
The final work was materialized in a book of 204 pages, containing the theoretical and historical research, the new cartographies produced and the architectural and urban interventions. The following is the next pages is a sample of the main interventions.

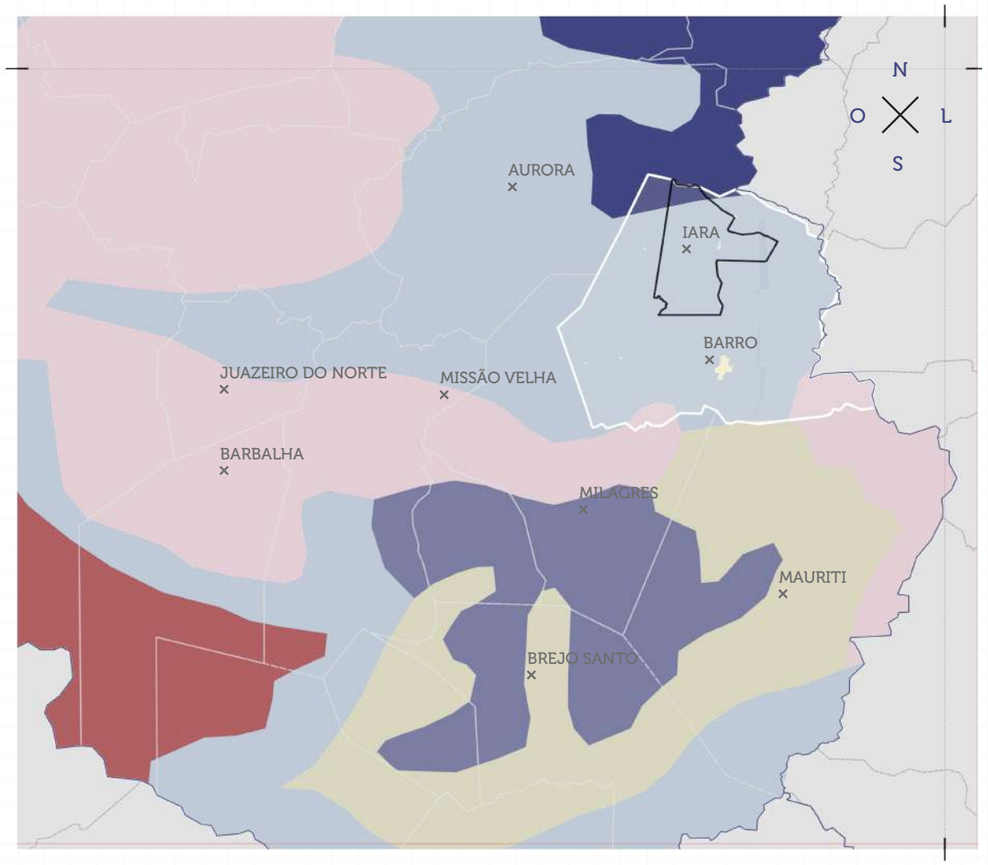




typologies found on site

examples of the unprecedented cartographic data
produced during the design and research process





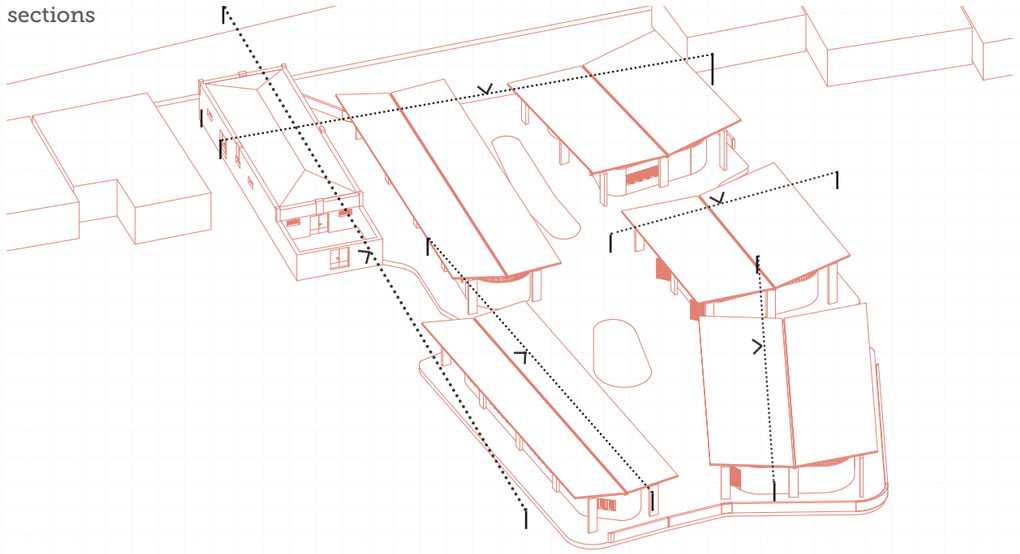
nº 04 /

memory center and new community center

One of the local demands, brought by the residents' association, was a memory center and a community center. Thus, I proposed:
1) the renovation of the old butchery shop, a building from the 1950s, provided by the City Hall, in order to transform it in a memory center, with space for exhibitions;
2) the creation of a community center to be inserted in the land attached to the butchery shop.

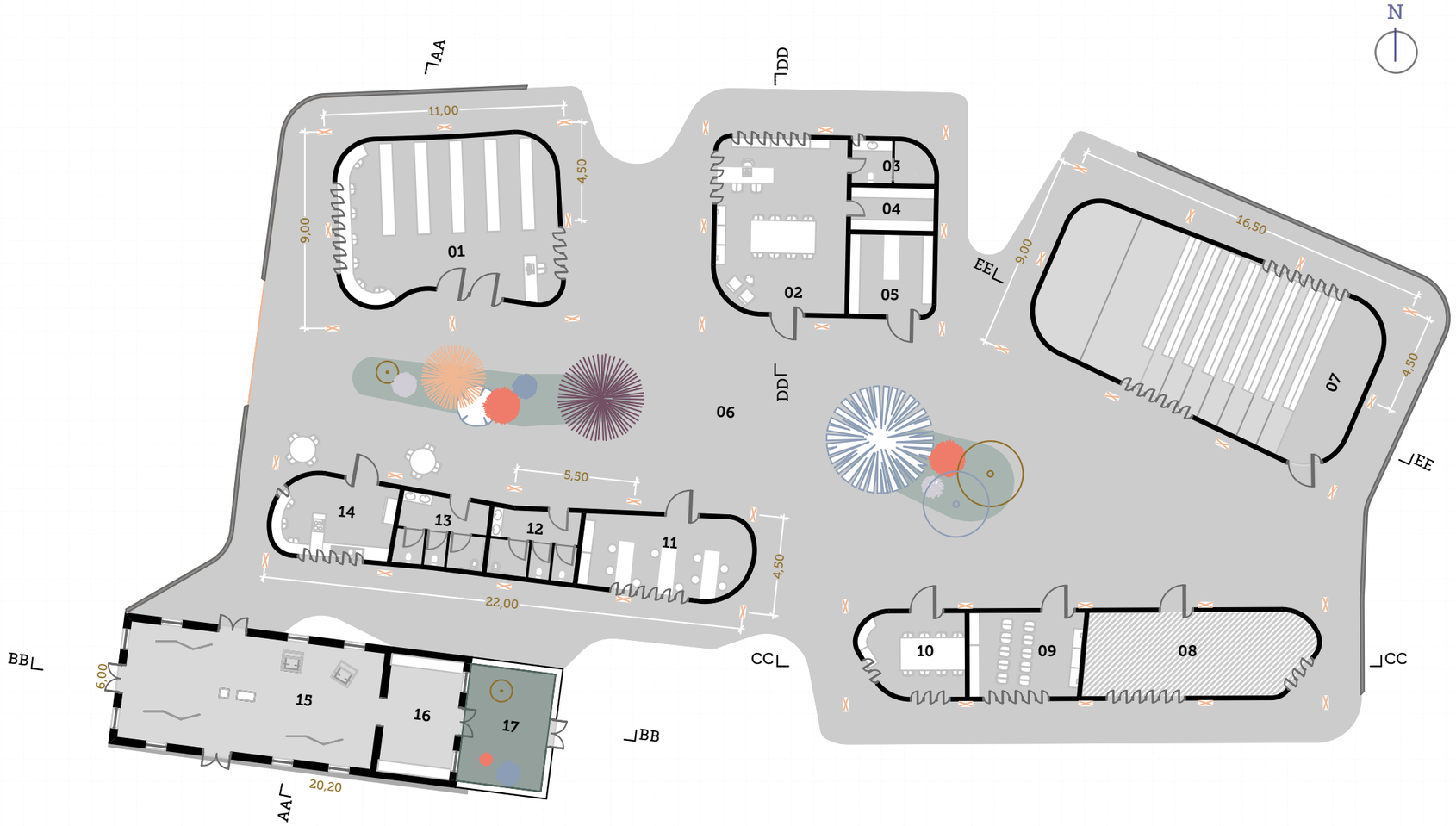
The location is strategic, as it constitutes a conexion between the historic urban center and the modern houses. As a project strategy, I chose to implement fluid blocks, which condense different activities and invite the occupant to walk. Solutions such as the use of adobe brick (already adopted in the village) and the choice for the elevated roof (which provides shading and cooling) were also used.

sections



01 - library (*77 m²*)
02 - board room (*46,97 m²*)
03 - management's bathroom (*7 m²*)
04 - management's deposit (*7,70 m²*)
05 - general deposit (*14,20 m²*)
06 - patio
07 - auditorium (*115 m²*)
08 - body expression room (*40 m²*)
09 - music and singing room (*20,15 m²*)
10 - group study room (*17,15 m²*)
11 - practical classroom (*27 m²*)
(woodwork, sewing, ceramics)
12 - women's bathroom (*12,70 m²*)
13 - men's bathroom (*13 m²*)
14 - communal kitchen (*20 m²*)
15 - exhibition area (*63 m²*)
16 - warehouse (*18 m²*)
17 - garden (*21 m²*)

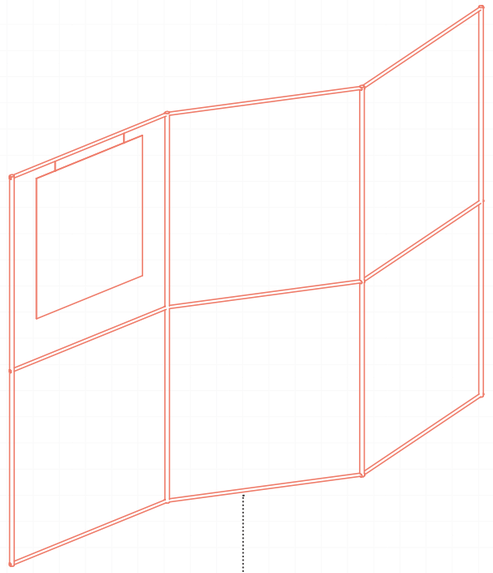
intervention plan



proposition of wooden display with adaptable height and attached to the wall

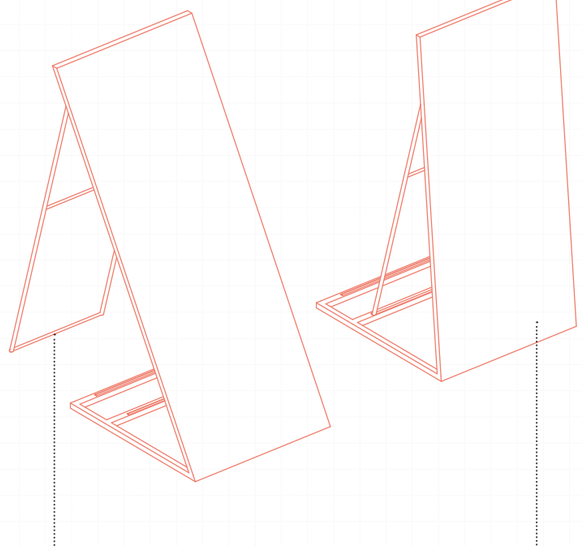
memory center

proposal of rebar screen, working as an exhibitor



rebar

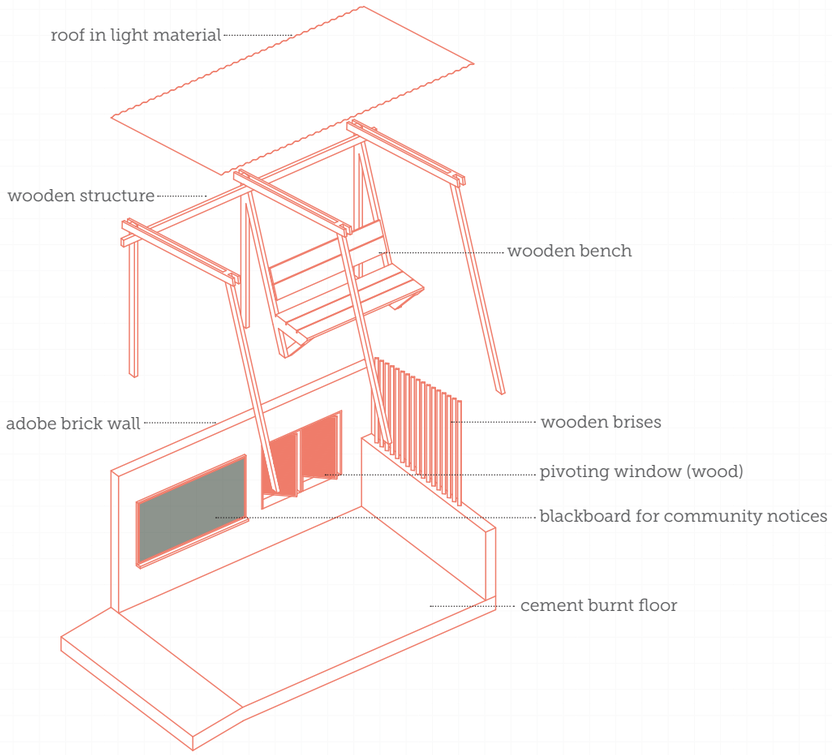
proposition of retractable display in wood and rebar



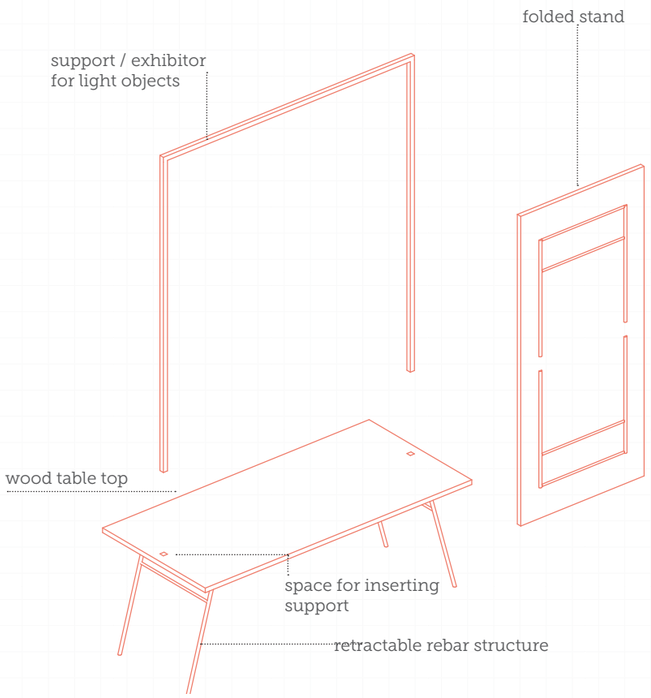
structure rebar

wood

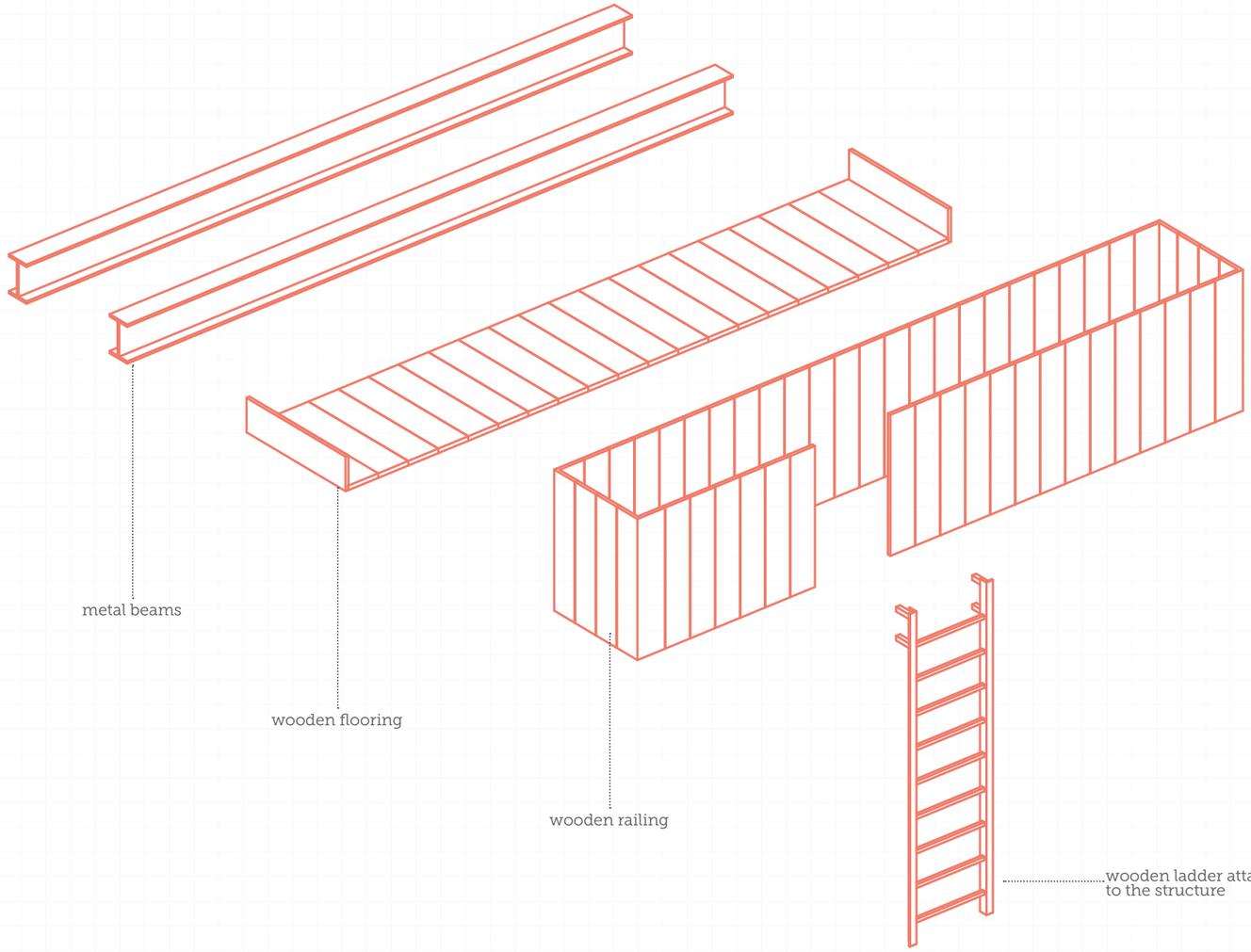
nº 05 /
new support point at the bus station



nº 06 /
restoration of the old market -
proposition of display table for the reactivation of the public traditional fair

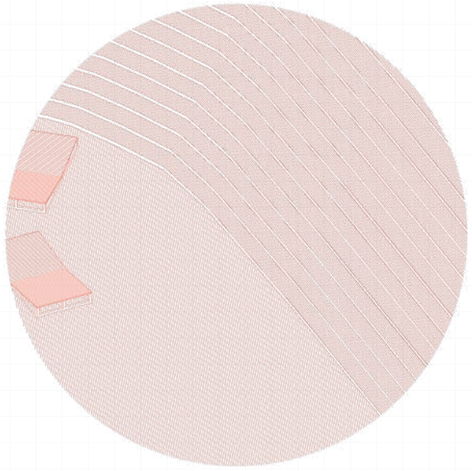


nº 07 /
ruins and open-air cinema -
observatory structure in wood and metal beams to be coupled to the structural walls of the ruins

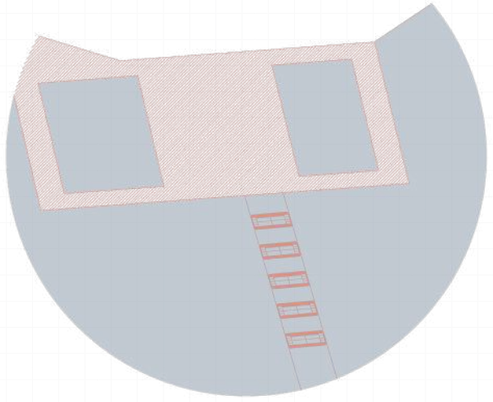


nº 10 /

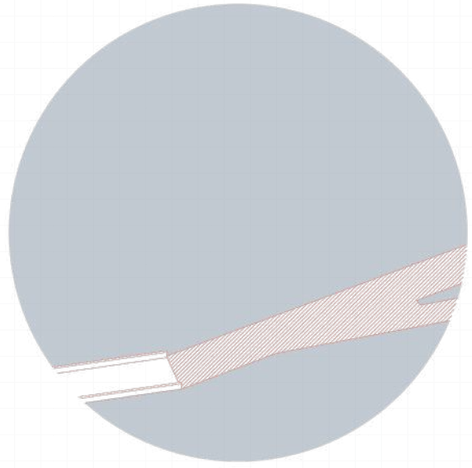
urbanization of the village water reservoir margins



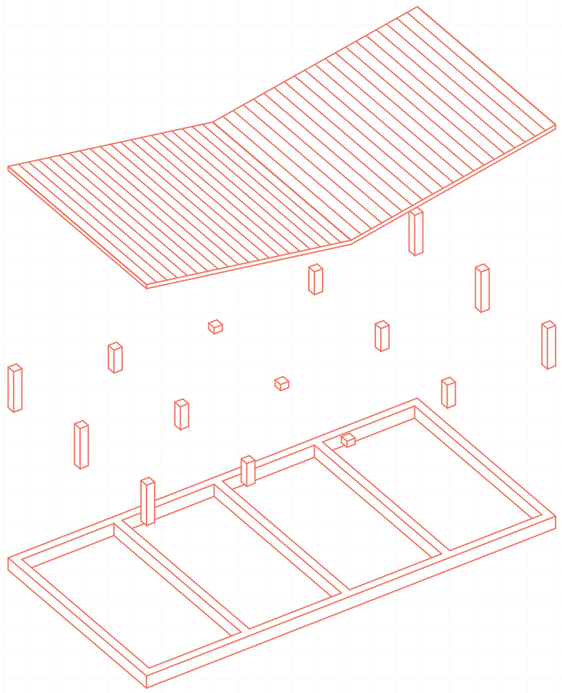
amphitheater and observatory



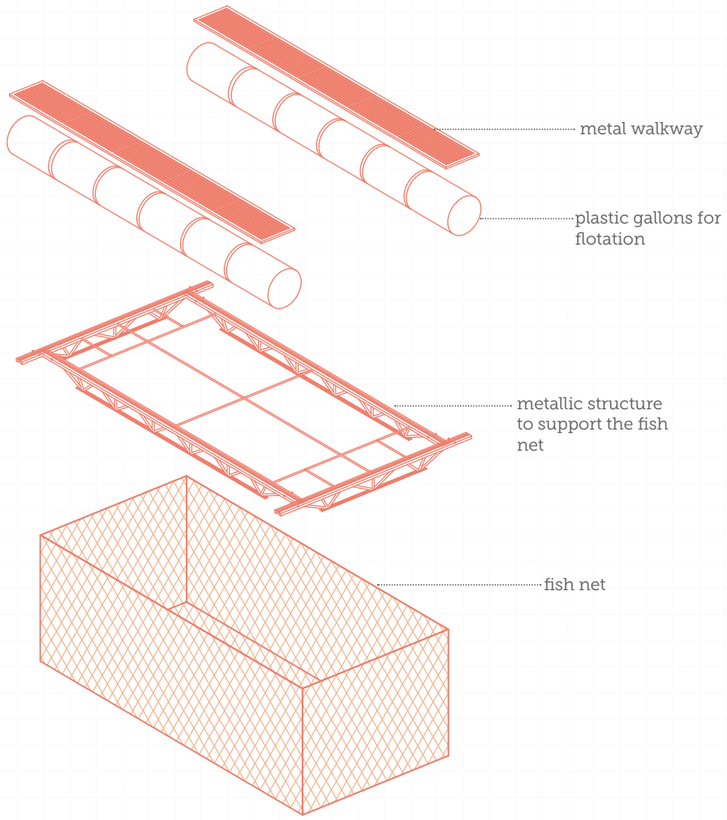
area for fishing and fish breeding



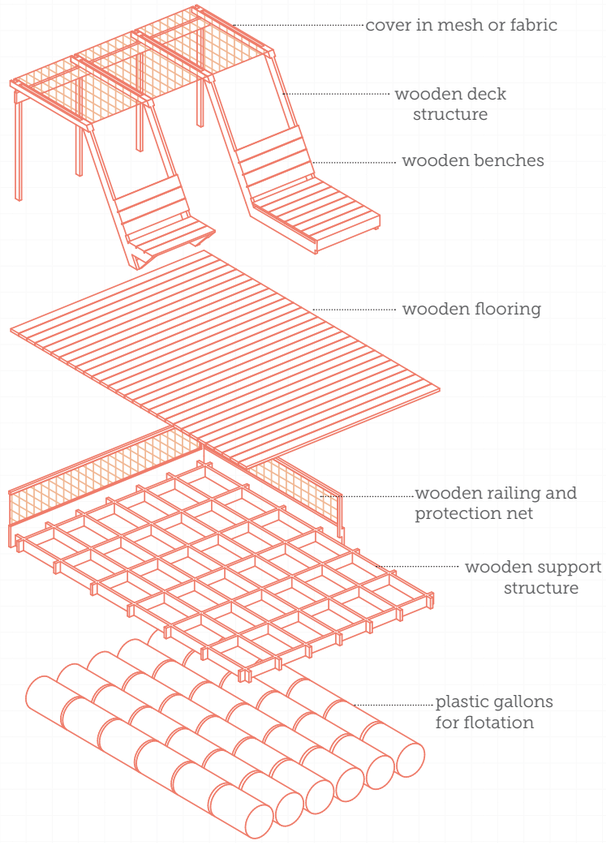
pier and filter gardens



ramp structured in wood



floating structure proposed for the fish breeding



floating leisure structure proposed for the reservoir

social housing

multifamily residential building

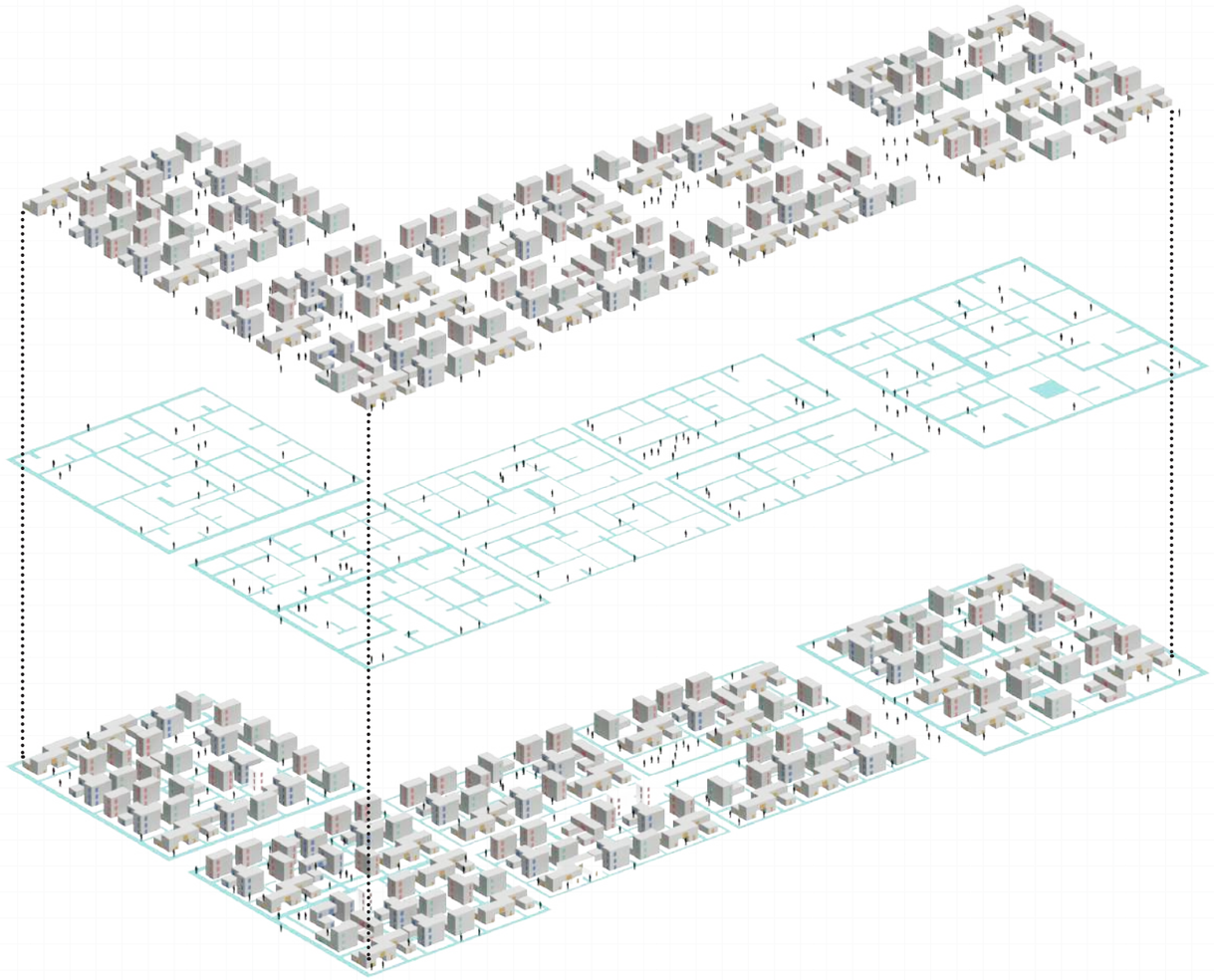
COURSE:	Architecture Studio 3
SCHOOL:	UFC
ADVISOR:	Prof. Me. Bruno Braga
YEAR:	2013
LOCATION:	Fortaleza, Brazil
EXHIBITION:	EXPO 2013 (UFC)

archicad, autocad, sketchup, v-ray, photoshop, illustrator

The task was to propose a social housing complex, with 600 units, in an area of six hectares on the periphery of Fortaleza, discussing new possibilities on this subject, proposing solutions to problems ranging from the typology to the form of construction and the chosen materials.

In the 21st century, the problem of housing deficit in Brazil remains as one of the main urban problems. There are millions of people living in an irregular situation and with conditions that barely guarantee quality of life. As a way of minimizing (but not really solving) the issue, the Brazilian government encouraged professionals in the field of construction, architects and engineers, to develop solutions that modify this scenario.

As a premise of this project, I tried to identify the symbols, norms, values and types of relationships that existed between the houses already implanted in the place with the surroundings, predominantly industrial and commercial. Based on the reality found at the site, I developed a proposal that was consistent with the low model of the neighborhood, in order to respect the human scale and allow greater interaction between the residents.

The informality of the surroundings was incorporated into the project, mitigating the social and urban impacts caused by large housing developments. In addition, as an alternative to improve the “cities” of social housing, I prioritized the use of bicycles instead of automobiles. Along the bike paths, I proposed the implementaion of equipments such as courts, an outdoor gym, an amphitheater, children’s play areas, among others. Thus, the space is dynamized and the appropriation of the place by the families that will eventually move there is encouraged, establishing bonds of coexistence and solidarity.

site plan
pedestrian pathways and housing buildings