DISCLOSING THE MILITARY CITY LISBON

My project involves a former military site located in the outskirts of Lisbon. The project is located in the district Beato, located near the harbor north of the center of the city. This project is closely related to the study of heritage & architecture as it is not only worth keeping, but can and needs to be used to improve the quality of the neighborhood. With this project we find a new use and purpose for the unused site and urban surroundings. We analyze the area and use this knowledge to create a funded design that shows the quality of the existing and the future. This project is a socially relevant project as it is being developed by the Municipality of Lisbon.

A MODERN MANUFACTURING COMPLEX

The manufacturing complex is the new use for the new purposes of the project. The complex consists out of an upper floor zone with semi-private functions like creative workspaces, schools, conference rooms, hotel, craft brewery and winery. The ground floor is a public area with public spaces, craft shops and a museum. The area can be used by local inhabitants, young skilled entrepreneurs and eventually tourists. The site is zoned where the different target groups can conduct their daily activities. The upper part will offer contemporary housing for new users.

THE MEETING SPOT

The focus of the design is in and around the old warehouse. This area is a meeting spot where all users and target groups can come together and enjoy and experience the qualities of the complex. This area is focused on recreational and cultural activities like a market square, exposition spaces, a food hall, tasting rooms, sport center and activity center. This area is the main entrance of the enclosed complex. This results in a design that is mediator between the outside world and the manufacturing complex.

MATCH

The old warehouse has a new public use. The building located in the meeting spot is an old building with a new purpose where the old can be seen, touched and experienced. The focus of the building design is on the relation with the surroundings, the strength of the building characteristics and the relation between old and new.

THEMES

The project has focused on the problem statement translated into the research question 'How can an enclosed industrial area work together with the urban surroundings as a tool to become reconnected that will serve as an incubator for future developments?'

With the help of the Themes the project uses the existing to create a new purpose without losing the value and character of the site. The themes are input for the design strategy and concept. The following themes related to the heritage studio are determined.

- Restoration of the atmosphere of the past.
- Preservation of the strength of the military character.
- Transformation of the enclosure without losing the enclosed atmosphere.
- Modification of the present time layer without diminishing the existing quality.

The last theme 'match' is a demanding social relation. Bringing together different target groups on a temporary basis on site. A new purpose is needed for the complex, but this might have negative consequences like identification.

Discovery & Parish era 1600 - 1800 (groups analysis street)

Industrial & military 1800 - 1960 (groups analysis street)

Disuse & Decay 1960 - 2015 (groups analysis street)

Future time layer 2025
A MODERN MANUFACTURING COMPLEX
FOR ART, TECHNOLOGY, CULTURE & HERITAGE

Problem statement

Function & use

Goals

A MODERN MANUFACTURING COMPLEX
FOR ART, TECHNOLOGY, CULTURE & HERITAGE
THE MEETING SPOT
ENJOYING & UNITING IN THE PUBLIC REALM
1. Passage hall
2a. Upstairs bar
2b. Tasting room (brewery)
3a. Meeting room
3b. Staff room
4a. Toilet men
4b. Toilet women
5a. Food hall seating area
5b. Food stands
6. Kitchen
7a. Tasting room (whisky)
7b. Storage whisky
8. Craft brewery area
9. Downstairs bar
10. Storage cold
11. Foyer
12. Main entrance
13. Whisky production
14. Exhibition/conference
15. Wardrobe
16. Dance space
17. Portable podium
Match stands for Meeting, art, technology, culture and heritage. Meeting is related to the thematic units where the new purpose focuses on attracting different target groups inside the building. The building offers a place for the local inhabitants with jobs in a craft brewery, a winery, and the food hall. The new purpose of the MMC as a manufacturing complex offers space for conferences, expositions, and the possibility for a lunch break used by the new target group of skilled workers.

They come together with the Cultural function-attraction spaces. In the tasting rooms, concert hall and the food hall, the building creates an attractive environment for tourists, work related visitors and local inhabitants from surrounding districts. These functions provide a building that promotes interaction between the different target groups and makes the building accessible not only for the activities, but also the passage hall creates interaction with locals passing through the building when entering the site. This controlled environment embraces its users and creates a matching purpose.

In this way the locals run the building and can use the building. The new target group uses it to showcase their art and technological creations and the visitors provide an economic boost and create a building that becomes the basis for the incubator for developments in Beato. With this new purpose Match brings people together, matching it with the needs of city, the district with the existing heritage.

The heritage reflects on the building itself and how this is respected and brought to attention with an architectonic design concept. The valued building is expressed with the help of zones throughout the building. By focusing on the different characteristics in the different volumes, this can be emphasized by its users.

The Brewery focuses on the height of the building. This is accentuated with the void and the open-structured ceilings. The passage hall focuses on the structural elements of the building, the new wall in the basement plays with the structure determined by the arches. The glass roof and the visible ventilation shafts put the spotlight on the trusses. The food- and concert hall, shows the width of the building. It uses the lowered ceiling and the open space floor plan to make this clear to its visitors.

With the help of technology these expressions are realized without diminishing the cultural value. Three dilemmas protect the existing and make the architectural expression possible.

The building is opened up with new the roof and south façade. By adding the grid systems and the solar panels on the roof however this is balanced with its architectural character. The height of the building is increased by using enforcing the arches in order to carry the new roof. The relation between old and new is balanced out by adding new elements that can easily be removed without diminishing the existing building. The floor heating system stops around the arches, the new walls carry their own weight and the new windows are detailed such that they don’t take away the existing walls.