Manifest

Today we live in a society were we live longer, with access to food, medicine, pure water with all services we could possibly need around the corner. Still we struggle with growing issues that our way of living and planning have affected us. Together we face issues of rising housing prices with a steady progressing marginalized rental market. Causing segregated gentrified areas of high income in comparison to low income. At the same time we contaminate the environment around us without reflecting how we can alter our way of building and living instead. Previously we had access to pure air, water with tighter relations with our community, living with the nature without being a bystander that have distanced herself from it. What have we lost along the way? I will through my project propose an alternative to how we plan our city today, by working from following points.

- Living in a natural landscape without implementing a generic city plan that do not consider the qualities of the site. I instead intend to take advantage of the natural qualities while combining them with our modern way of living.
- Living with nature without impeding long lasting harm to nature, this include treatment of wastewater from the housing.
- Creating a social diverse community by combining housing to prevent the development of a gentrified area of high income elite. As a part of this is to design affordable housing that low income groups can afford to rent or buy.
- Vivid community life by offering both public and private spaces, with community activities.
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PROPOSAL FOR A COLLECTIVE COMMUNITY IN RELATION TO NATURE

PROGRAM OVERVIEW

Community overview

- Housing
- Nature
- Activity spaces

ADDED USERS

- Single household
- Family
- Seniors

EXISTING USERS

- Neighbours
- Recreational users

PROGRAM PRINCIPLES

Affordable housing
The residents have the opportunity to take care of their houses collectively that will ensure a long-term lower rent as no external services are necessary for the maintenance of the building. The rent is reduced in relation to the each resident’s participation.

Community
Through the cooperative arrangement participation in chores, encouraging social interaction with your neighbours. As well as the collective responsibility for the maintenance of the building, providing a service to provide for the community.

Natural qualities
Being built in an area with prominent nature, land qualities, these are to be included into the community rather than being kept outside.

Water cycle
The circulation of water that with smaller investments and adaptations can reduce the everyday consumption of the community whilsts removing the quickest route for pollution to reach nature. The waterway.

ADDED USERS

Single household

- Young adults: most often in the groups with low capital and or low income. Generally struggle to establish themselves on the housing market while simultaneously doing so career wise.

Family

- Small families: sometimes when having children is difficult to make money go around, thus a larger apartment with a few monthly fee in a central location close to schools, daycare, nature would be a perfect alternative for a family.

Seniors

- Seniors: often the groups that has capital however limited income and thus cannot afford anything far beyond their capital which often is the reality within the cities. Instead they are seeking a long-term stable housing with activities around with people to interact with.

EXISTING USERS

Neighbours

- The surrounding architecture in the area consists mainly out of villas typical of suburbs. The population characterise to have high income or sit on a large capital based on the high market value their houses would generates.

Recreational users

- The area has a strong recreational presence as not only people living in the neighbourhood walk there but people from all over Umeå as well.

SUN AND WIND CONDITIONS

Wind frequency in %

- 10-15 m/s
- 5-10 m/s
- 0-5 m/s

FLOODING AREAS

UNSTABLE SOIL

SITOPIA 2.0 / ASSEMBLING PRODUCTIVE COMMUNITIES

COOPERATIVE TENANCY

Cooperative tenancy is an old tradition established during the 20th century in Sweden, the fundamental idea is to put the maintenance in the hands of residents that take over the daily maintenance of the building. In return they can have a lower rent.

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CONDUCTED INTERVIEW OUTCOMES

- Keep the shoreline stride open for the public.
- The best qualities of the site is its natural and calm atmosphere while still being close to the city.
- Building housing in the area outside the city center is important and can be done while combining the existing natural qualities of the site. While bringing life, light and safety to the area.
- Although when planning housing keep it accessible to the public “no one should have their private road”, if it can introduce a café that would lift the area.
- Most of those that did not have access or ownership of an own garden in their house or summer cottage was keen on the idea of having a more active role in their housing.
- Cheaper rent was a big plus for those looking to a long term housing.

MODULAR STRUCTURE

APARTMENT SYSTEM

SITE DESIGN CONCEPT
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Forth floor 1:200
Third floor 1:200
Second floor 1:200
First floor 1:200
Ground floor 1:200
The shared roof terraces act as a meeting point for the residents, offering a great view above the treetops of the surrounding forest, river and housing areas.

The apartments are designed in relation to the grid with an open floorplan for social gathering with a direct view of the large terrace.

The area of circulation consists of extended walkways that allow for visual relation between the stories, while simultaneously creating a gap of privacy between the circulation and the living areas.
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