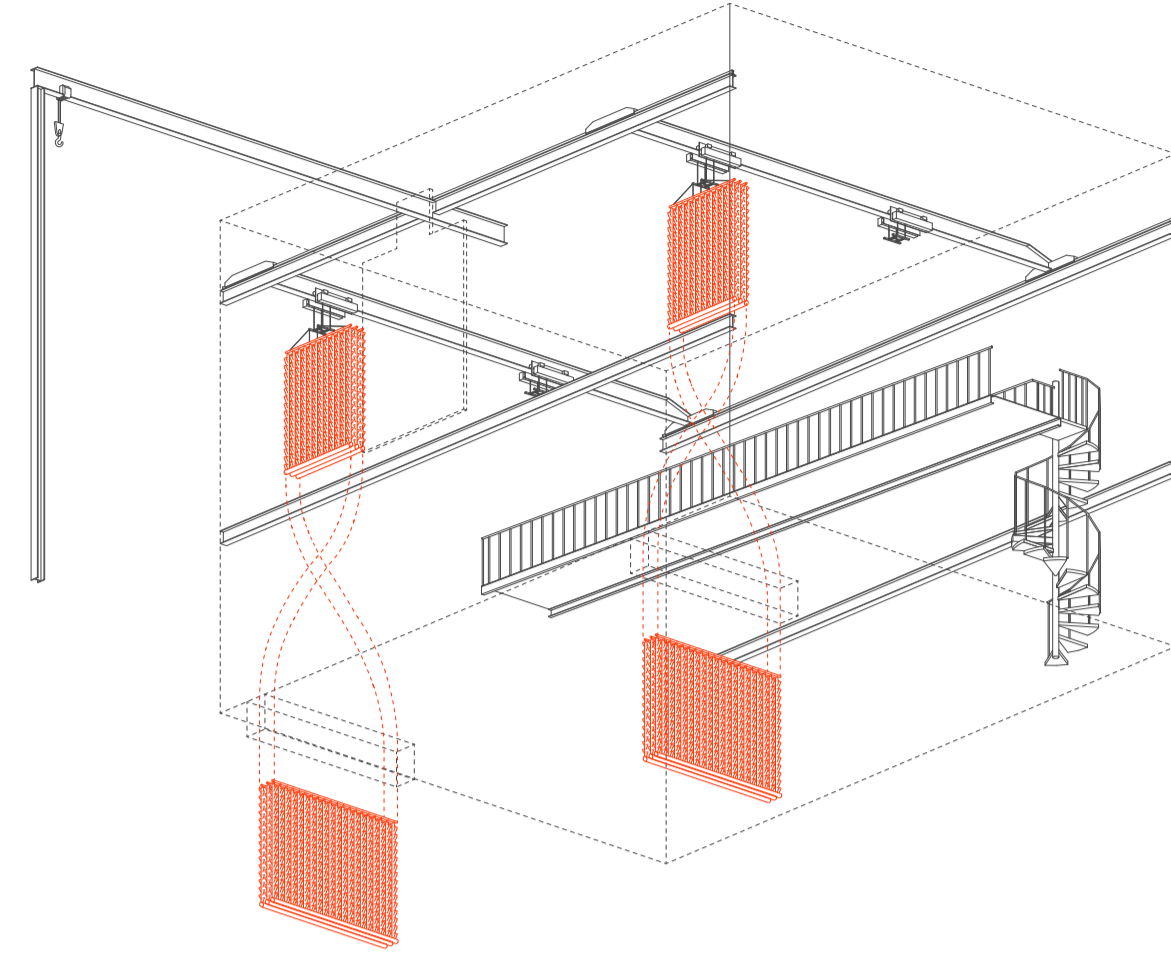
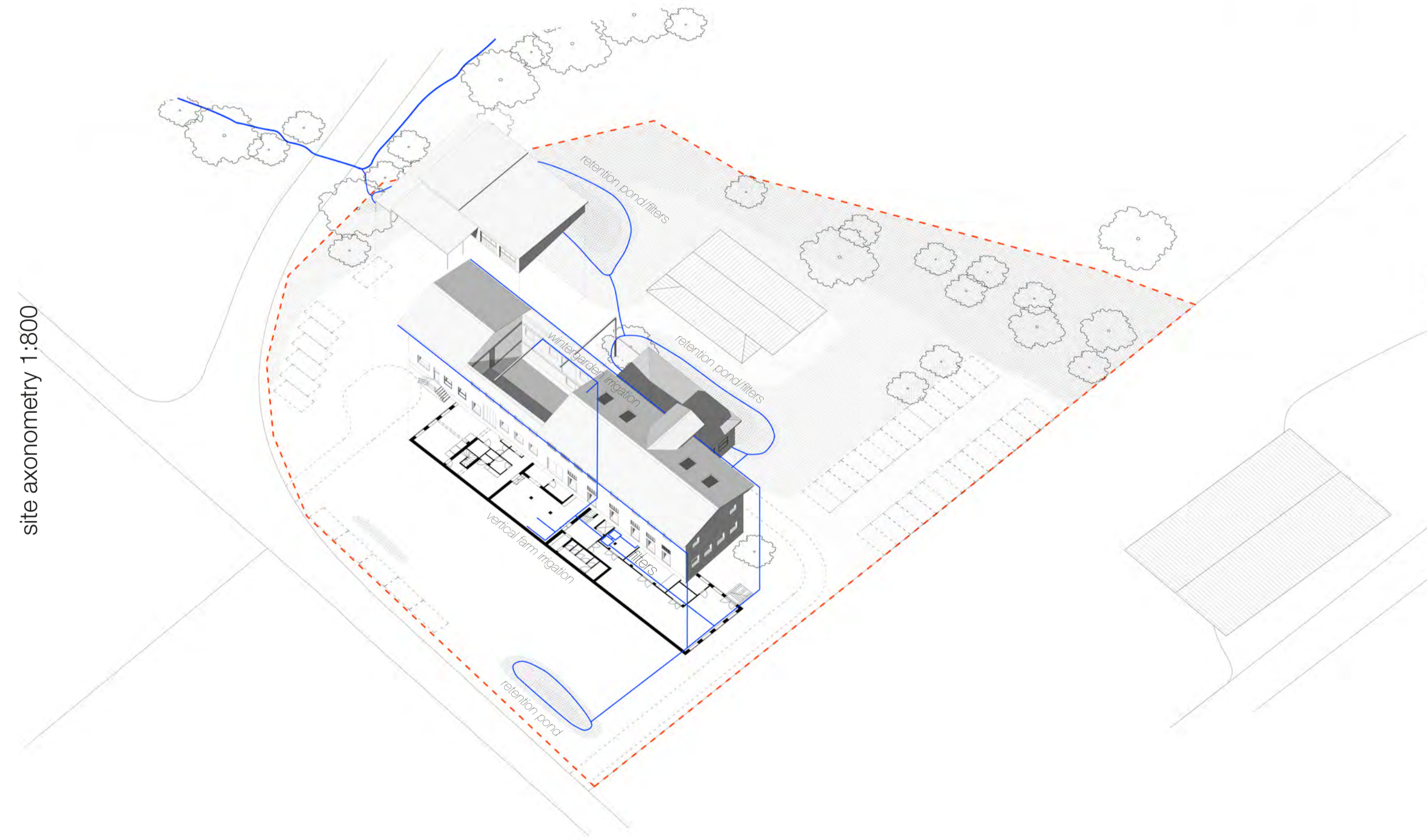


Orust Community Centre

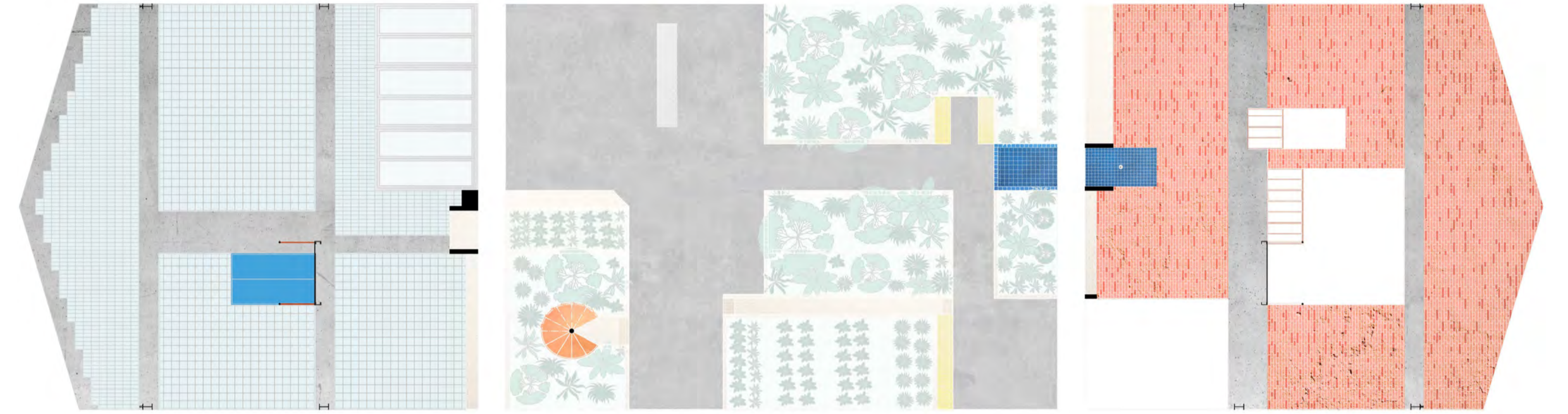
Ondrej Zgraja
Transformation Projects and Environmental Care
Chalmers Technical University
2021/2022



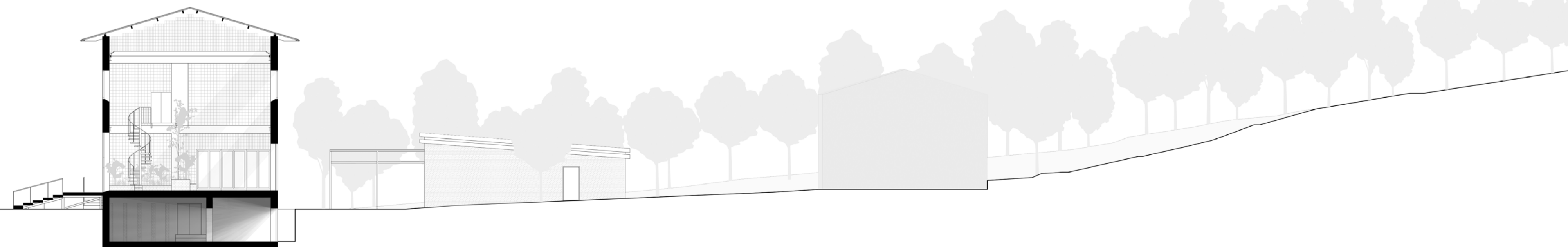
vertical farming axonometry



site axonometry 1:800



wintergarden floorplan & elevations 1:100



site section 1:200

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The advantage of the old Mejeri was its location in a shallow valley, just by the junction of the main roads of the island. Historically, the main north-south road ran on the edge of the site; later, however, a new road has been built some 300 metres west from the building and the immediate connection to traffic has been lost.

Nowadays there is no direct connection to the main road, since there is a stream running in between. Visual connection is still present and the clear figure of the building is visible from the passing cars; one of the aims of this project is to make the building more attractive in its surrounding, so it is more welcoming to the people driving by. This means, changes in the architecture: larger openings, connecting the outside with the inside; new metal roof, changing the appearance and the figure of the building; large front porch for public events. And also changes in the functions: outside markets and workshops; programme of the wintergarden expanding outside; larger gatherings and events.

The current and future users are taken into account and the proposal provides possibilities of realisation in a longer period of time. The functions inside the building will change gradually over time and will be moved around based on their spatial needs.

For heating, excessive heat from the bakery could be used, mainly for the café or the smaller studios, where heating is most needed. For water management, rainwater is collected in the reservoirs and later used for irrigation and the wastewater goes through natural sewage treatment ponds to the brook.

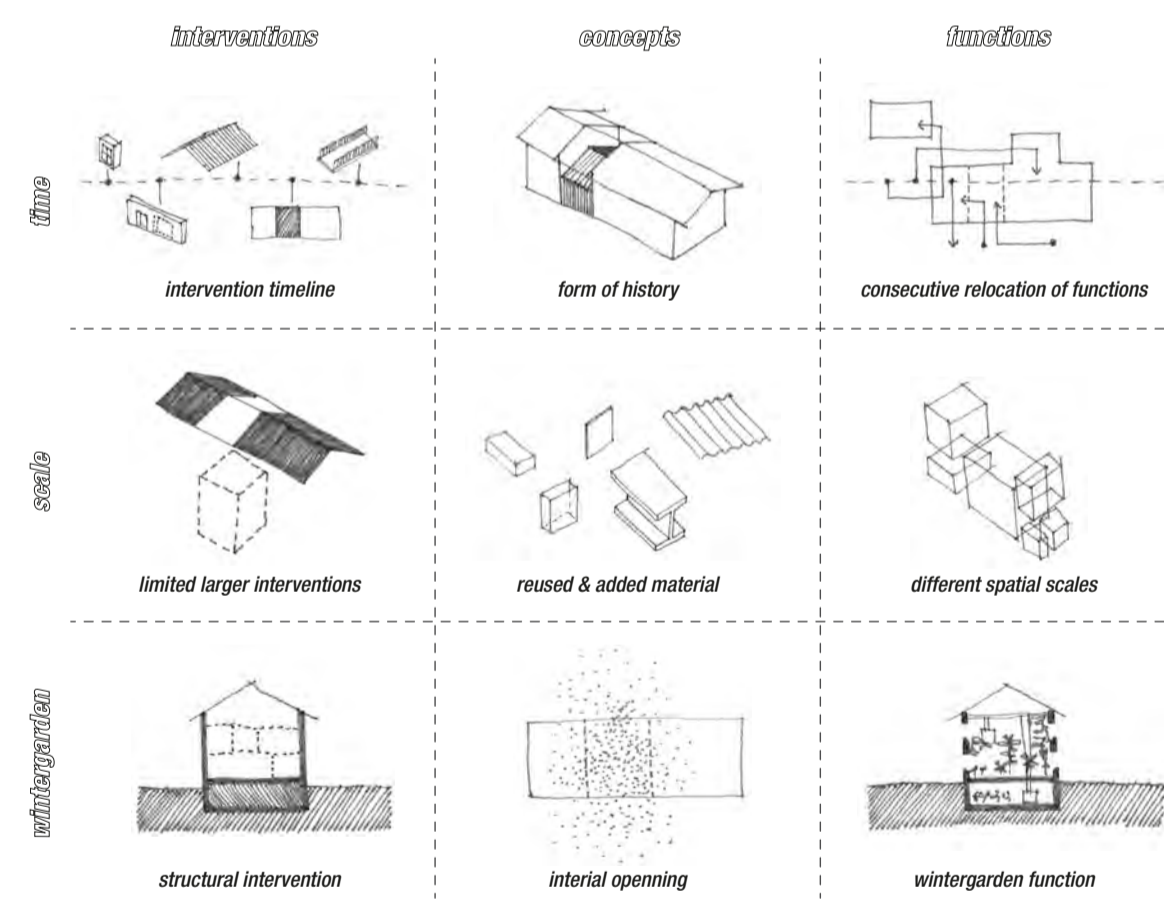
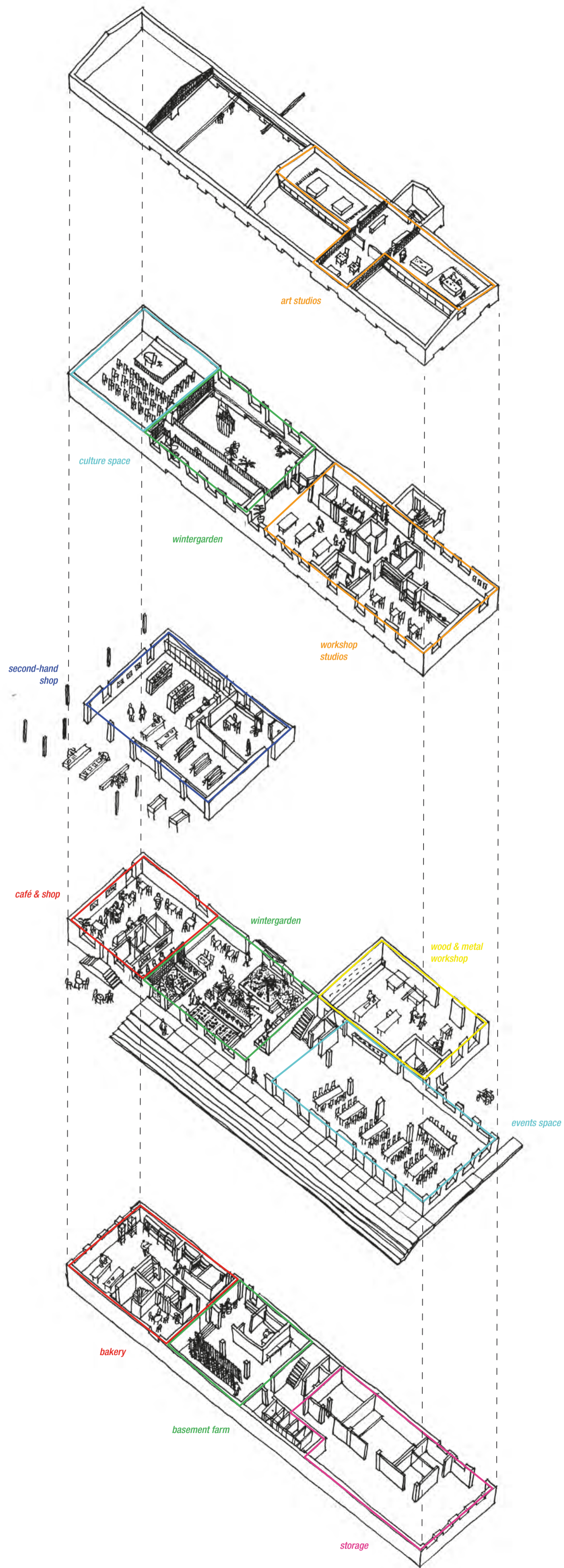


diagram of concepts and interventions

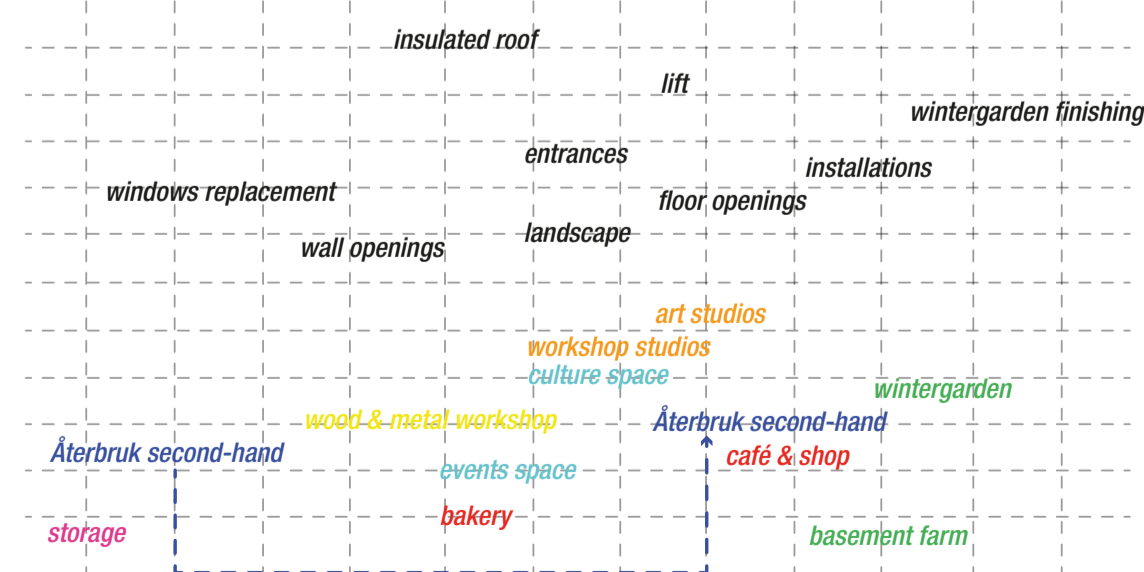
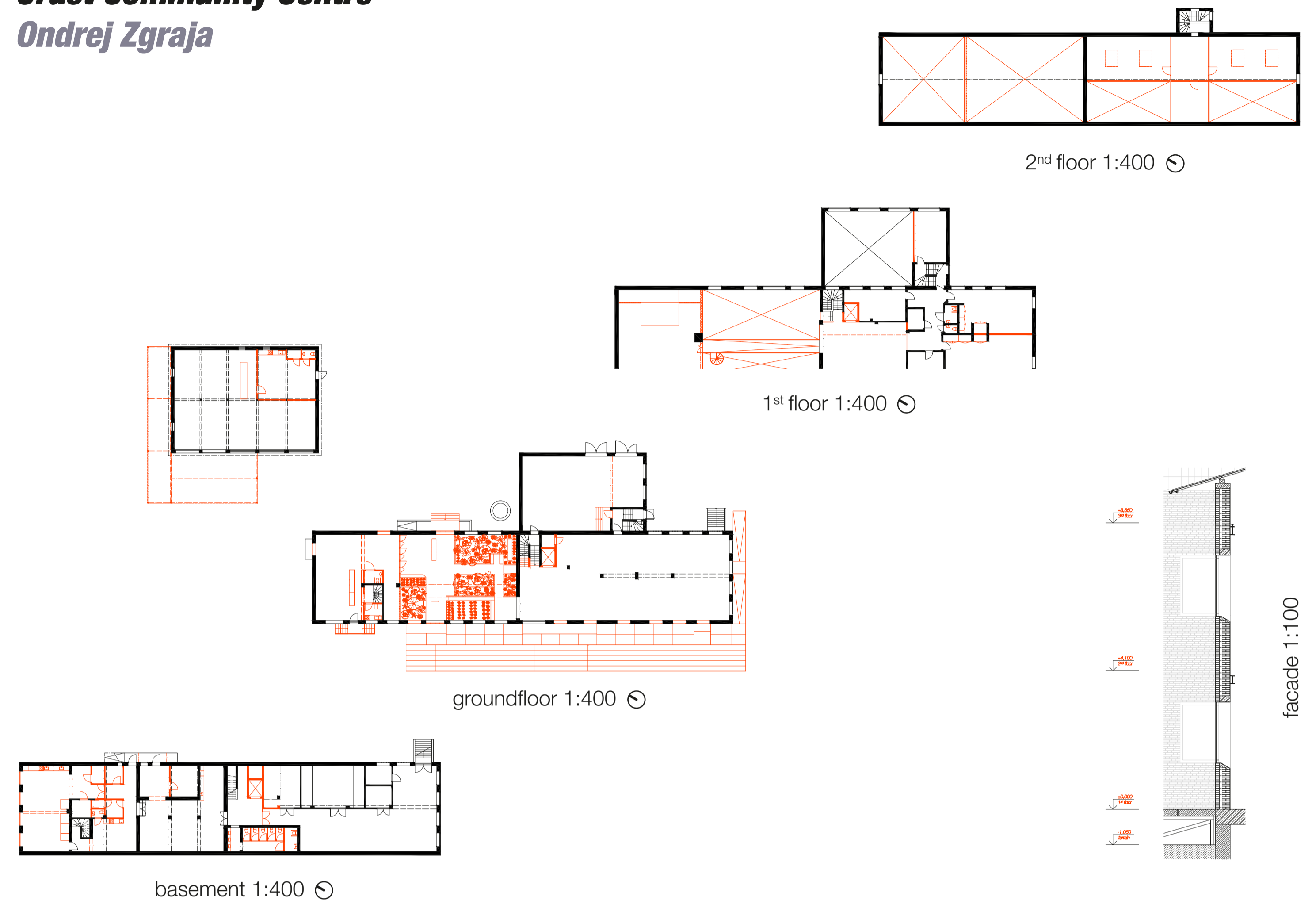


diagram of timelines

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wintergarden perspective

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The Orust Mejeri industrial building stopped serving its original purpose decades ago. Since its completion it has been remodeled several times and undergone functional changes. The aim of this project is to find a new program for the building with respect to the existing structure.

The site is more-less isolated, but it lies just by the main road through the island. Most people only drive by without even noticing the building and without an intention to make a stop here. The challenges of the site are, in my opinion, connected to the subject of rural environment. There are three aspects of promoting a viable rural program:

development of local activity hubs

creation of local supply chains

enhancement of educational and cultural uses

There are two main values of the current building from my perspective:

the current users

historical memory

The aspiration is to protect these values and develop them further. With the close connection to the main traffic artery the building has the potential for development of a centralized activity hub: Orust Community Centre.

Program of the building includes the current users with a dedicated space for a second-hand shop and a reuse centre. In the project I expand the workshop, which would take up almost half of the building and add new functions, such as a bakery with café, cultural and event spaces and a wintergarden with an underground farm. This wintergarden represents the largest intervention into the building structure, other interventions are mostly of smaller scale.

Rural Programme, Community, Re-use, Time-line

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