

Project booklet

PROJECT BOOKLET I ARK626 I ARCHITECTURAL TRANSFORMATION & ENVIRONMENTAL CARE I FALL 2021 CHALMERS ARCHITECTURE MPARC

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ABSTRACT

The island of Orust is located on the west coast of Sweden, 12 miles north of the city of Gothenburg. The island's reputation of beautiful nature, picturesque harbour towns and strong reputation in the boat community makes Orust an attractive site for summer guests and visitors. However, Orust is so much more than sailboats and rocky summer baths. It is a place of great craftsmanship, local production with lots of local knowledge. The island has historically adapted its primary business models, creating a vast variety of knowledge and innovation. Although the tourism is currently the island's greatest source of income, the island has historically held a great identity of local production.

With the old dairy factory in Vräland as site, the intention of this project has been to introduce a place where the local production of Orust is highlighted and showcased. Locally produced foods, products and objects are used in the design of the program. While designing the interventions the focus was to create a place for visitors and workers to enjoy a vast range of what Orust has to offer.

The old dairy factory, Mejeriet, is transformed into a hub for the taste of Orust. The local brewery, Orust Ölfabrik, and the bakery, Herr bröd, who are both in need of new locations are moved into the building as its primary producers. Mejeriet also holds a workshop for the current actor in the building Återbruket, for courses and retail of repaired furniture, doors and

windows. For the visitors there are two bars, three kiosks where local food producers sell their products, a café on two floors and open spaces for anything from afterworks and knitting parties to focused reading and client meetings.

The local production is at the essence of Mejeriet, and through that the people of Orust. Enjoying an in-house beer with an in-house bread, spread with island produced butter and a piece of makrill from the local fishermen on a plate thrown by a local ceramicist, set on a tabletop of local ceramic tiles, comfortably seated in a chair crafted by a local carpenter, that is the vision of our project, Mejeriet.



TABLE OF CONTENT

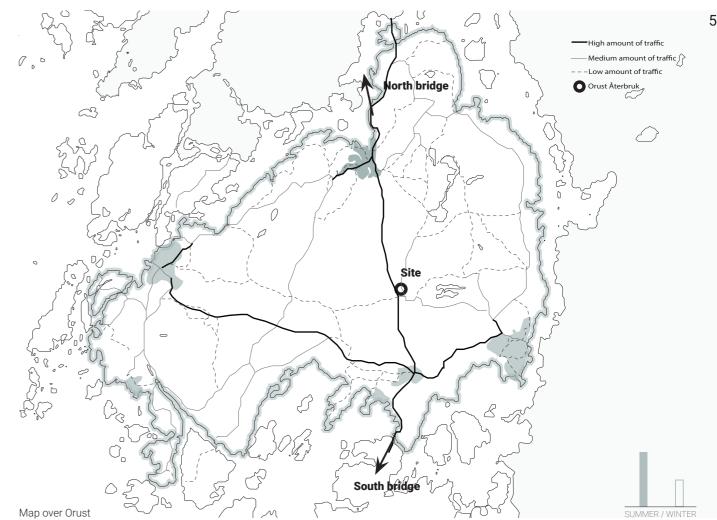
Inventory	4 - 11
Concept and program	12 - 17
Reference project	18 - 19
Final proposal	20 - 67
Reference list	68 - 69
Appendix Exhibition posters Drawings 1:100 Details	X1 - X21

INVENTORY

- » History
- » Site analyse SWOT Orust Sorrounding
- » Building inventory
- » Photos of the site



From the dairy factory



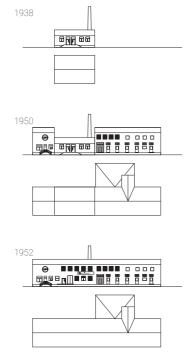
Illustrating the largest towns as well as attractive coastline during the summer months

Orust throughout the year - Orust during the seasons

The residency and number of visitors on Orust vary significantly throughout the year, increasing with more than 6,000 families during summer. Most of the increase occurs in the coastal cities, as they are the primary locations for summer houses. These coastal towns are also the main attraction for the island's tourists. Two bridges connect Orust to the mainland, one in the north and one to the south, connected by road 160, the main road. In the middle of this road is the location for the old dairy factory. Due to this, the location of the old dairy factory is not in the midst of the tourist attractions, nor is it in direct connection with any of the larger towns. Due to this, the location has the perfect conditions to become a place for the inhabitants of all of Orust and not the pride of one town alone.

History

The dairy factory opened in 1938 on a rather small scale, this due to the founder's doubt in its success. The dairy however turned out to generate a great interest, mainly due to the large number of milk farmers on the island. The premises of the small factory was not enough and was therefore rebuilt twice since then. The dairy increased its production and processed 70 000 litres of local milk each day. However the glory days did not last long. In 1962, Tetra-Pack revolutionised the milk market, in the 70's many local milk producers reached retirement age due to dry milk production having a lesser demand. The factory closed in 1977 but is still a living place in the memory of local citizens.



Sequence of the building extention





Building transformation Images from Årsbok, 2021

(Årsbok, 2021)

Strenghts

Location on the island Close to the main road History of produciton Structure and flexiable space Local craftmanship

Opportunities

Open floor plan Collaboration with local producers and craftmanship Increased interest in local produces material and food Atraction

Weaknesses

Damage Economic issues during winter seasons duw to the low amount of visitors Car dependency Lack of greenery at the site

Threaths

Damaged climate shell Poor condition of structure Damage in south facade

SWOT analyse

Building inventory Damage and assets

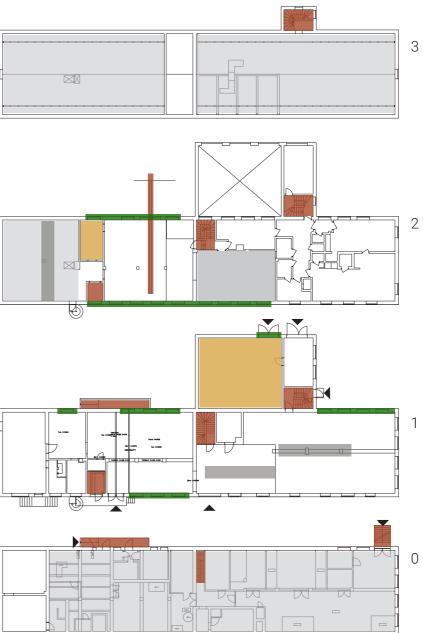


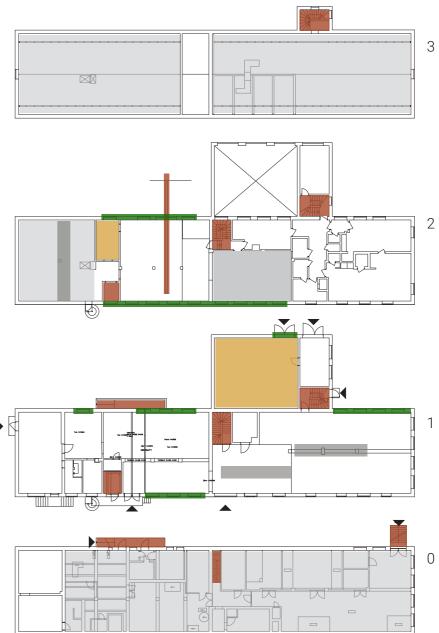
Photos of the site, the building in its current condition and context

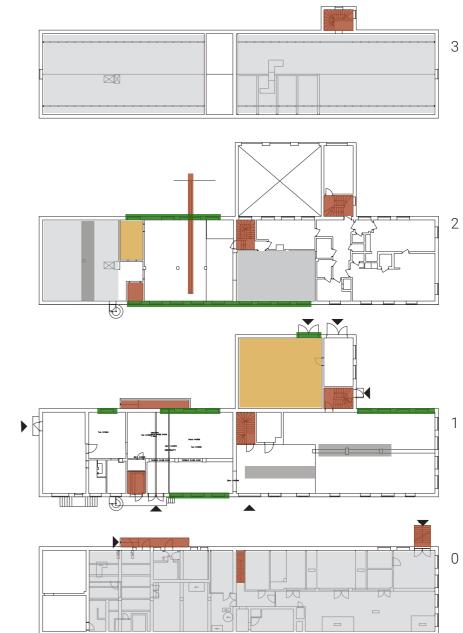
Current condition

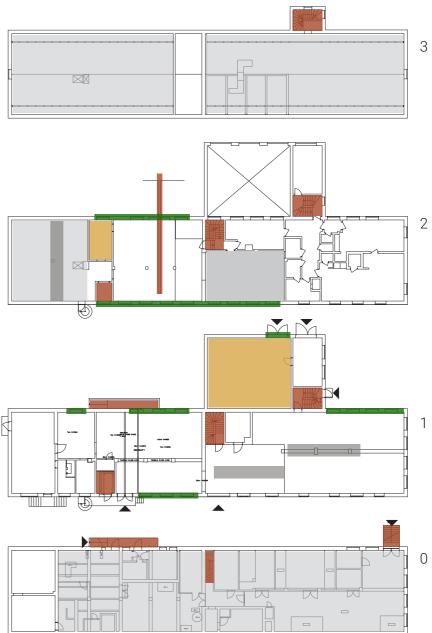
The current condition of the building is not in a ready to use state. Parts of the facade are cracked in various places and many of the glass brick windows are damaged. There is an overall need for maintenance and repair in various areas both in the interior and exterior. Image 2 and 3 show the poor condition of the walls, where image 5 and 6 show the damage to the brick wall and the conditions of the surroundings. It is however currently in use as a workshop and secondhand

store, holding a great potential. Brick detailing remaining from the production is found throughout the building along with traces of machinery and logistics. Large glass brick openings allowed daylight into the factory and the sloped window ledges were probably a necessity for cleaning, both providing great atmospheric qualities back in the days and today. The materials are generally red brick, white tiles, plaster walls and metal doors and retails in red, blue and white.









- Vertical communication Birck glass windows Spatial quailty (generous ceiling height in relation to the layout) Damage
- Extensive cracks
- ▲ Entrace

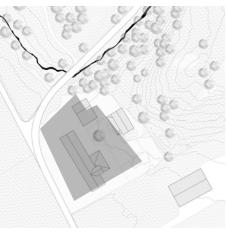




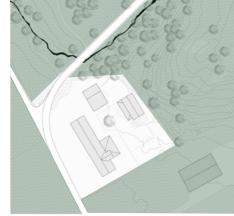
Adjacent plot

Greenery





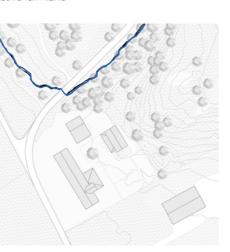
Surface covered with asphalt



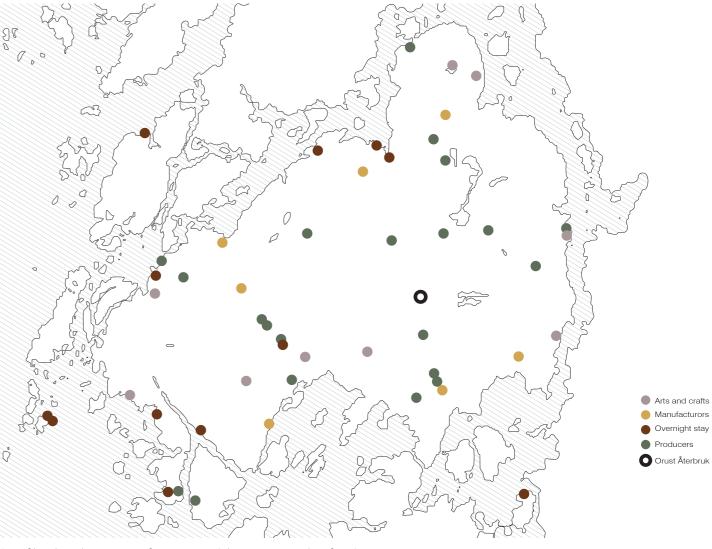
Site and mateiality

The location and the direct surroundings of the building is closely linked to its original purpose, as a factory. Close to the main road, connecting the island to the mainland, of nature despite the large area of and hence closely intertwined in the overall road network of the island. The area in direct connection to the building is primarily asphalt, a convenient material for the logistics of the trucks. Other factors of interest to the site is the neighbouring plot, currently an apartment building and

the surrounding active farmland. The farmland together with the hill of trees, the creek and overall natural landscape enhances the impression asphalt.



The creek



Map of local producers, manufactors, overnight stay, arts and crafts, site Reference list: Local producers

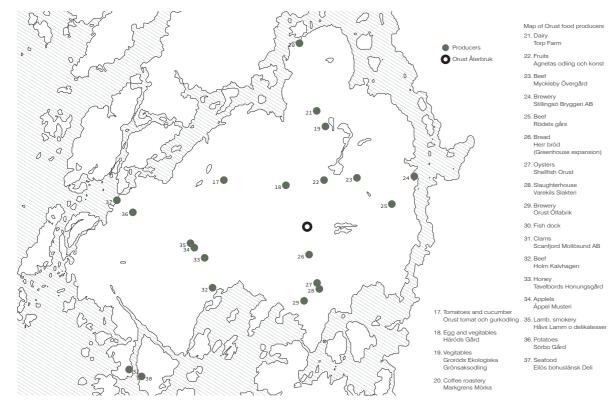
Definition of local

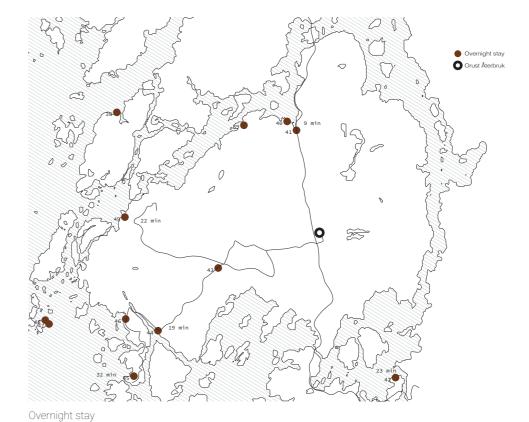
Local production is not to be narrowed to food producers, but rather to the vast spectra of producers, manufacturers and providers of any kind from the smallest candle to building elements. Local production in this investigation has been defined as items or products that are created and/or refined within the boundaries of Orust and its directly adjacent islands. In this definition it is hence possible for a woodworker or ceramicist to

refine the work on the island although the raw material may be sourced elsewhere. Although locally sourced materials are of course desirable, the focus has been to connect to the locality of people and their knowledge rather than the full sircle of the material life cycle.

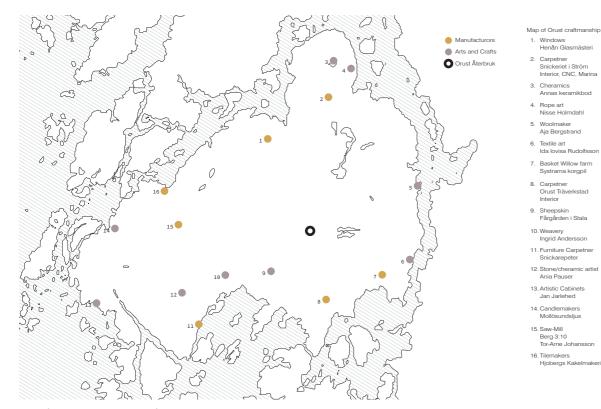
Map of local producers Further explained on following page

Site analyse Orust - inventory





Producers



 Basket Willow farm Systrama korgpil Carpetner Orust Träverkstad 11. Furniture Carpetne Snickarepeter 12. Stone/cheramic artis Ania Pauser

. Windows Henån Glasmäste

Carpetner Snickeriet i Ström Interior, CNC, Marina

Rope art Nisse Holmdahl

Textile art Ida lovisa Rudolfsso

Sheepskin
 Fårgården i Stala

10. Weavery Ingrid Andersson

16. Tilemakers Hjobergs Kakelmak

Important collaboration

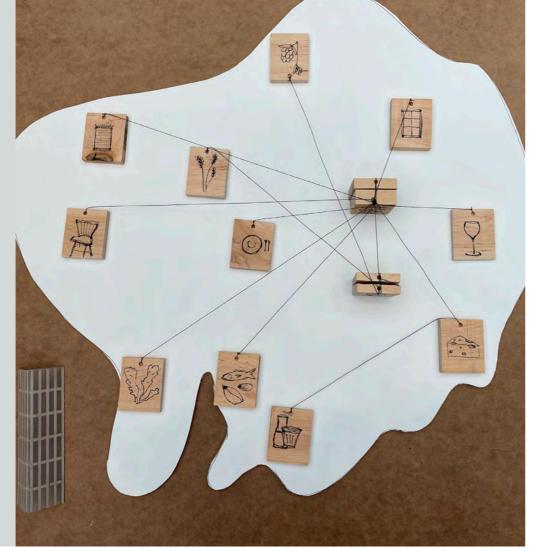
The inventory, in the form of a mapping of local assets, gave an understanding of Orust's range and its variety. The maps became the basis for the design, enabling the project to use local assets as much as possible. Analyses were then made in order to investigate which actors could be relevant for the final proposal.

Manufacturors / Arts and Crafts

Map of Orust food producers 38. Hotel				
39. Bed and Breakfast				
40. Hostel				
41. Hotel				
42. Hostel				
43. Bed and Breakfast				
44. Hotel				
45. Hotel				
46. Bed and Breakfast				
47. Hostel				
48. Hotel				
49. Hotel				
Time taken taken with car.				

CONCEPT

- » Production
- » Consumption
- » Target group Personas Needs
- » Reference project



Model, result from concept workshop

Finding a target group

In aiming to produce a place for celebrating of local production, the people are the most important factor. To understand our target group personas were made, some based on interviews and research whilst others fictional. It became important to include the possible workers into the target group, not only the visitors, as they are essential for the entire operation to function. In designing the program and layout of the building, these personas' needs were kept in mind in order to create an inclusive place for everyone. A finding that was made along the way is that designing for everyone, from our perspective, is more about allowing

for different zones and atmospheres rather than making a generic room for everyone. This can be seen in the zoning of busy and calm, night and day activity and needs for space and light. In doing the chart above, several overlaps were found for personas that are initially found very different, providing a stronger argument for their importance. The aspect of various price ranges have not been implemented architecturally but rather as a program concept.

The following pages hold detailed descriptions of each person.

The project aims to a celebration of local production

The concept is based on generating a place for showcasing all the knowledge, products and crafts that the island has to offer. It is not only a market hall or a factory or a showroom, it's all of those things combined. A place for production, selling, refining, showcasing and using. So in contrast to a showroom, the visitor is shown the products by interacting with them. Seeing, tasting, hearing, smelling and touching the local products. By engaging the local community of producers, the site becomes a collective hub for both producers and visitors. With a production focus on beer and bread the current initiative of Smaka på Orust (taste Orust) is embraced along with the history of the site as a factory.









Bread production

Produced on Orust Showcased and used in the building



Local fish/meet/ clams

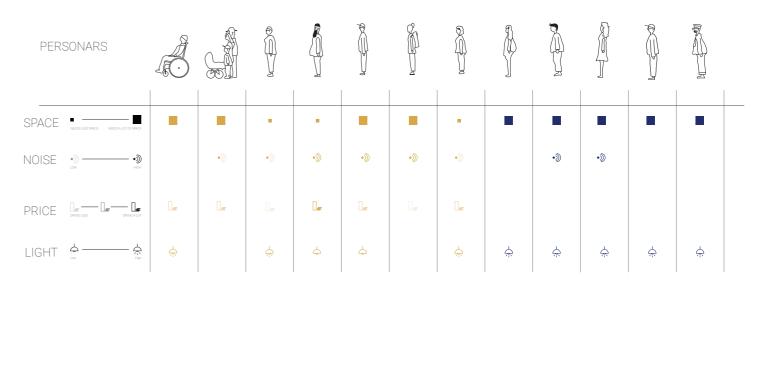


Local crops/

greenery



Personas Summary of needs



Visitors Staff

Personas Intoduction

Visitors Staff



Senior, 60 - 85 y/o woman From Orust

She used to be engaged in the arts and crafts movement but is now happy to enjoy the works of others. She visits the building to admire her friend Ann's cheramics and have a coffee.

Once a week she has discussions with her book group and to enjoy a beer.

Price range: \$ Needs: Semilarge (quiet) area for groups. Appreciates table service. Hipster, 40 - 55 y/o man From Stockholm and visits Orust together with his friend

He is all into beer, local food and microbreweries.

He visits the brewery and its production. Beer tasting and a course in production.

He visits the building for one weekend in the autumn and are sataying in a hotel near by.

Price range: \$\$\$ Needs: Knowledgable staff

From Orust and working in Varekil

Hipster, 18 - 22 y/o guy

Hi and his friends of the same age lack a hip place to go to drink beer and hang out in the evenings.

They come to the building to hang out, talk, eat good food and drink beer. At least one in the group has a car but they woud appreciate public transport.

Price range: \$ Needs: Semilarge (loud) area for groups



Pre-retired chef, 40 - 45 y/o Visiting together with friends or family.

Large interest in food and taste experiences. They come for the food and drinks and has a large interest in interacting with the chefs in the food-kiosks. Will want to get the experience of the food market without being limited using an weelshair.

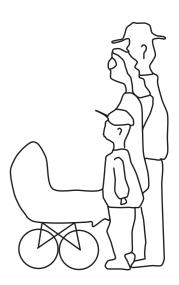
Price range: \$\$\$ Needs: Accessability adaptions (WC, elevator and space). Appreciates table service.

Hiker, 20 - 30 y/o

Hiking and discovering the Swedish west coast and is currently on the hiking trail of Orust from coast to coast. She and her party stop by the building as a stop on the way to replenish energy and taste the food.

both the evening event and the morning café.

Price range: \$ Needs: Lockers for bags. Information in English. Public transport.



Tourist from Portugal

They will stay in tents over the night and would enjoy

Family Kids and adults From Orust

This family visit the building for a Saturday lunch and to buy bread for their Sunday's activity and are happy to enjoy an accessable place as one family member has a sight disorder.

The family is also looking at the decor as they are looking for new chairs for the dining table.

Price range: \$\$ Needs: Kids inclusive area. Room to manuver a trolly.

Personas Intoduction

Visitors Staff

Craftsman, 30 - 60 y/o From Orust

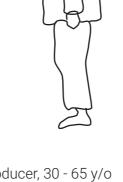
During the development of the Mejeri, their products were bought to be on display in the various functions. Now they come to the Mejeri to enjoy the food and bewriges but also as a venue site for displaying their products and showcasint it to potential clients.

Price range: \$\$ Needs: Product visiblility

Producer, 20 - 25 y/o woman From Orust Scanfjord Mollösund

She works at her parents clams company and has great visions for the future by expanding the business with a food truck. However due to lack of economic resources that is a big step. So she starts out testing the concept and menue at the building's food kiosks.

Product/Service price range: \$-\$\$ Needs: Workspace and staff facility



Producer, 30 - 65 y/o From ouside of Europe, has lived a few years at Orust

Moving to Sweden was a big step and moving to a small island was an even bigger. Tried opeing a restaurant serving non Swdish food but the rent was to high for the price they needed to keep. Now they will instead try renting a foodkiosk instrad.

Product/Service price range: \$-\$\$ Needs: Staff facility. Informaiton in English.



Craftsman, 30 - 60 y/o woman From Orust Orust Återbruk

Working with restoration and retrofittnings of windows, doors and furniture. Holds courses for enthusiasts and profesionals during the weekends and evenings.

She often buys coffee and lunch at the café and during the evenings she stays for an AW with the staff and dinner.

Product/Service price range: \$\$-\$\$\$ Needs: Workshoparea for woodworks and courses

From Orust Orust Ölfabrik

Since the startup the product has grown to be spread on a veriety of local hotels and restaurants. Now its time for the company and production to grow and with the development of the Mejeri, a brewery in the old production building feels just right!

Product/Service price range: \$-\$\$\$ Needs: Loading dock, brewing facility and packaging



Beer producer, 30-50 y/o



Baker, 20-50 y/o From Orust Herr Bröd

The beloved bakery was just looking for a new site when the development of the Mejeri was starting to be developed. Herr Bröd quickly became involved and was the first to move into the new facility. As the brewery will be the neighbouring producer the new product, maltbröd, came naturally!

Product/Service price range: \$-\$\$ Needs: Loading dock. baking facility and selling point.

REFERENCE PROJECTS

» Activity and program Market halls Foodhallen in Amsterdam

Lindholmen street food market in Gothenburg, Sweden

Poppels Brewery in Gothenburg Sweden

- » Architecture and presentation Sala Beckett, Flores & Prats in Barcelona, Spain
- » Construction Gallery of Granby, Winter Garden, in Liverpool, UK

When developing the project it was important to look at projects with similar programs. By analysing a number of market halls, a program was developed that suited the context of the building. The result became a combination of Lindholmen Street Food, a large open space for seating where to enjoy cooked food and buy crafts, and Foodhallen in Amsterdam where you can buy both food products and dishes. From Poppel's brewery came the idea of letting visitors get a visual connection to the production.

Sala Beckett was an important reference when discussing the transformation approach as well as how to graphically represent interventions and atmosphere. The project by Gallery of Granby was a reference for estetical technical solutions.

Referece project: Activity and program Brewery Poppels brewery, Jonsered



Poppels Brewery, located in a small town outside of Gotherburg, is a restaurant and beer brewery where the visitors are invited to visually experience the process of beermaking.

Referece project: Activity and program Lindholmen street food market, Gothenburg

Referece project: Activity and program Foodhallen, Amsterdam



An urban foodcourt often An urban foodcourt comcombined with a local crafts market. Combining food, drinks and crafts.

bining food and drinks.

Referece project: Architecture and presentation Sala Beckett / Flores & Prats Barcelona, Spain



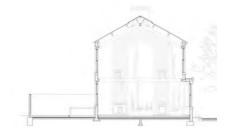
Referece project: Construction Gallery of Granby, Winter Garden Liverpool, United Kingdom



Section showing the interior atmosphere with material, colors, shadows etc. A contrast between the new polished surfaces and original surfaces



Construction Glassed roof and iron beams framing the indoor square.



FINAL PROPOSAL

- » Scales of locality Orust Mejeriet Visitors
- » Site Overview 1:500 Zoning and functions
- » Facades 1:200
- » South
- » West
- » North
- » East
- » Plans 1:200 Interventions Program
- » Section 1:200 Program
- » Details Skylight window 1:5 South Facade 1:20 Addition 1:20
- » Perspective Exterior Addition
- » Interior views 1:50 Floor 1 brewery and bakery Floor 2 Food kiosks Floor 2 Food kiosks and bar
- » Colours and tiles
- » Production Flow and system of the production
- » Consumption Flow of visitors and staff
- » Perspective Interior Bar, floor 2 Square Café





Physical model

The square hall is the centrepiece of the building, where the organic staircase is the main attraction. In a model of 1:50 we were able to understand the scale of the square as volume and the impact of our colour choice. All interior interventions have the green colour, which in the model enhances the contrast between old and new. The model also showcasts the openness of the room inviting visitors to get an overview of the production and ongoing events. From the square one has an overview of the tanks from the beer production, the bakery and the workshop. When looking up you also get a glimt of the upper floors kiosks and bar, visible though the concrete glass.

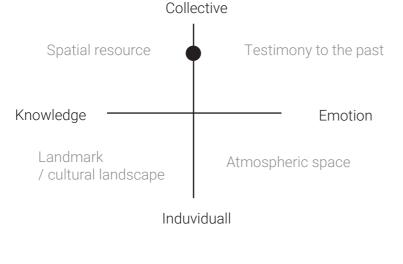


DESIGN STRATEGIES

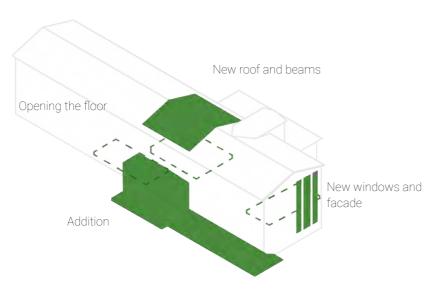
- » Interventions
- » Construction
- » Interior architectural strategies
- » Exterior architectural strategies
- » Sustainability Kept Reused Concrete Tiles

Transformation approach

The heritage and transformational strategy used in this project is collectively oriented, and deals with both emotion and knowledge creation. Hence it is treated as a spatial resource that is modified to suit the needs of the new functions and use. Still, it is a testimony to the past due to the selective conservation approach in which the surfaces and finishes of materials are to be kept, along with the aim to reintroduce the program of production. There are four major interventions. A new roof section, a glass atrium, allows for the flow of daylight and enhances the open feeling of a town square. The removal of floor slabs produces a vertical spatial connection throughout the building, increasing visibility of the spaces. The south facade has been deemed beyond repair and replaced. The new windows references the old but do not copy the old execution. Lastly the most obvious intervention is the entrance addition in a contrasting material, highlighting the main entrance to the building.



Positioning of heritage strategy (Bosse, 2021)



Design strategies Architectural concept Interior

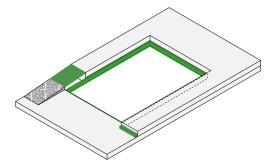


Diagram illustrating four main interventions

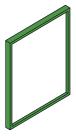
Interiary shapes, material and colour is used to communicate the interventions to the viewer. The green colour is not present in the old execution and is therefore a suitable contrasting colour. Where possible, the interior elements and materials are kept in its current execution, and where that is not possible elements and materials are reused.



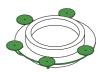
Platforms and stairs



U-beams steel framing the hole



Window frames



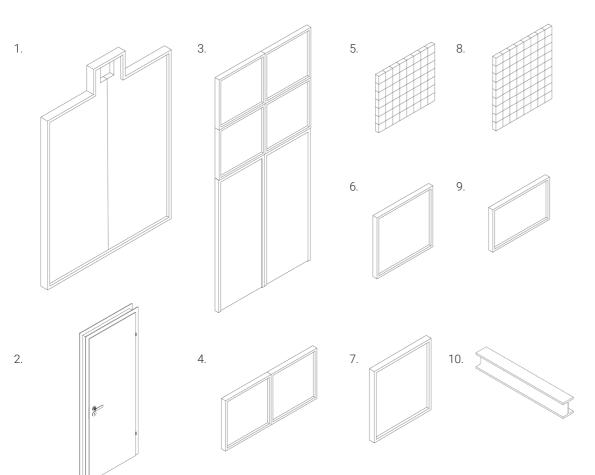
Furniture

Design strategies Sustainability Kept

Elements

Design strategies Sustainability Reused

Elements



1. 3. 5.

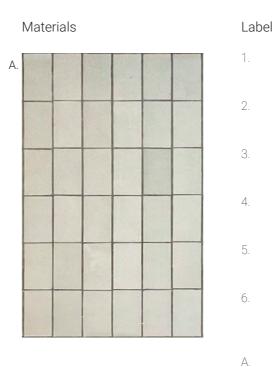






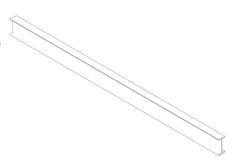
1.

- Gate: East facade, floor 2
- 2. Doors: General
- 3. Door: East facade, floor 1
- 4. Windows: East facade, floor 1
- 5. Glass block window: East facade, floor 1
- 6. Windows: East facade, floor 2
- 7. Windows: West facade, floor 2
- 8. Glass block window: East facade, floor
- 9. 1 & 2, West facade, floor 1 & 2
- Windows: East facade, floor 2
- 10. Beam: Floor 2
- A. Wall surface, yellow
- B. Grenn tiles, square
- C. Green tiles with pattern, square
- D. White tiles, rectangular
- E. Wall surface, apricot
- F. Wall surface, gray





24





Windows (x2) Previous position: South facade New location: North facade Gate door (x1) Previous position: West facade, Store New location: East facade, Loading Windows (x4) Previous position: South facade New location: North facade Interior doors Previous position: Removed walls New location: New walls Beam (x1) Previous position: Floor 1, Store New location: Floor 1, Loading Intact glass blocks Previous position: West facade New location: Windows in need

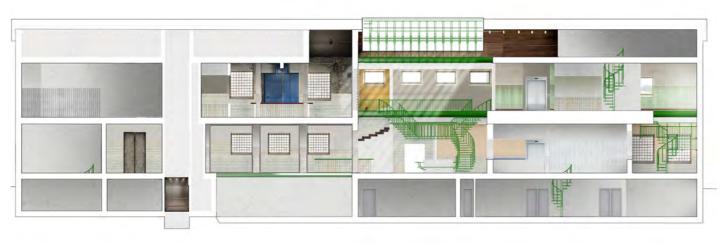
White tiles, rectangular in a new setting

Section Surface layer/Atmosphere

26

Perspective Interior Square



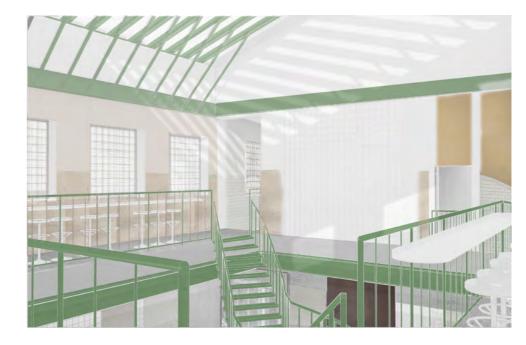


Atmosphere of transformation

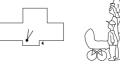
The transformation approach of this project could be described as a selective conservation combined with some new interventions, where the new are clearly distinguished from the old. In working with the existing colour and material palette, the surfaces of the building were analysed in a section drawing to understand their connection to the added interventions. Where surfaces and materials were deemed to hold

a historical connection, such as the tiles being a reference to the building's history of production, they were kept. New materials and finishes were only used in areas in which the program of the building demanded it. Such being in the production areas where health and sanitation were of greater importance than the atmospheric quality. Where new walls or objects were added, we wanted them to have a distinctly different

finish from the old. Therefore, when a wall is added it is cladded white as in the area for production and when an object is added it is in bright green lackour. The result is a patchwork of selective conservation, renovation and transformation. Later, views of the space were produced to understand the atmospheric qualities which the surfaces have on the space.









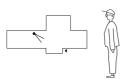




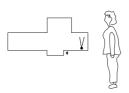
Perspective Interior Bar, floor 2

Perspective Interior Café



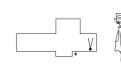






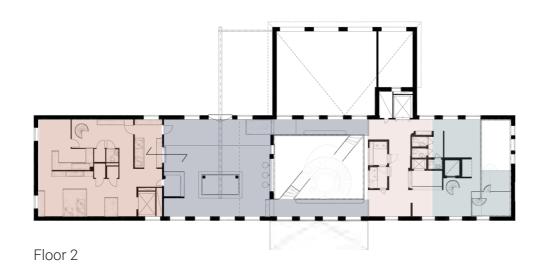


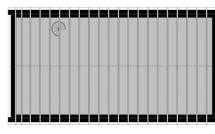




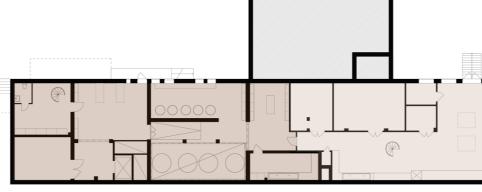


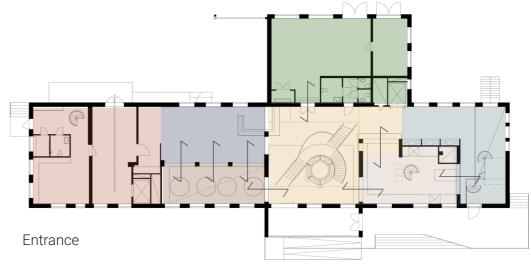
Plans and sections Program and connections 1:400

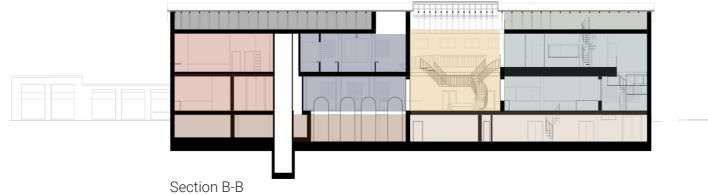


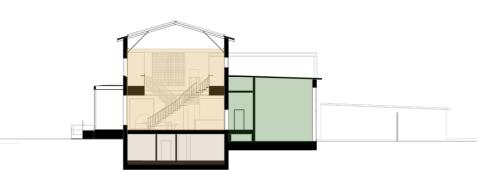


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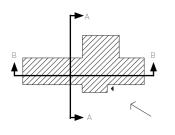




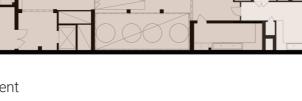
Aection A-A

- Visual connection to production
- Brewery

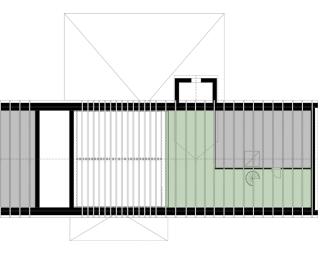
- Bakery
- Staff/restaurant kitchen
- Square
- Bar / restaurant area
- Cafe / restaurant area
- Workshop
- Technique / storage space

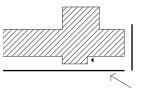






Basement



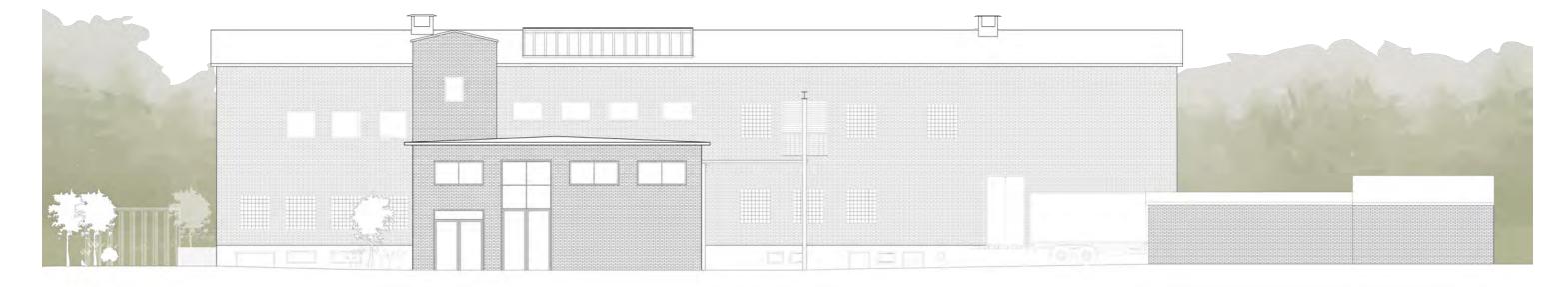






SCALE 1:200





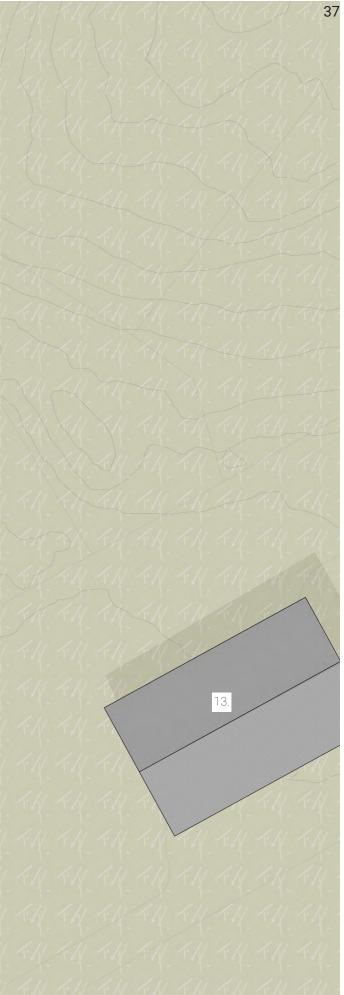
SCALE 1:200

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Site Zoning and functions

The asphalt surrounding the building is partly removed and replaced with a combination of granite stone, gravel and wild grass to generate a warm and humane atmosphere to the surroundings. In the northern part, much of the asphalt is kept as it is a suitable material for the movement of trucks dealing with logistics. Large trucks of a turning radius of 16m must be provided for, in addition to visitor and workers parking spaces.





AREA FOR VISITORS

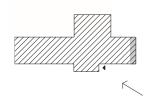
PARKING, LOGISTICS AND LOADING

Exterior perspective



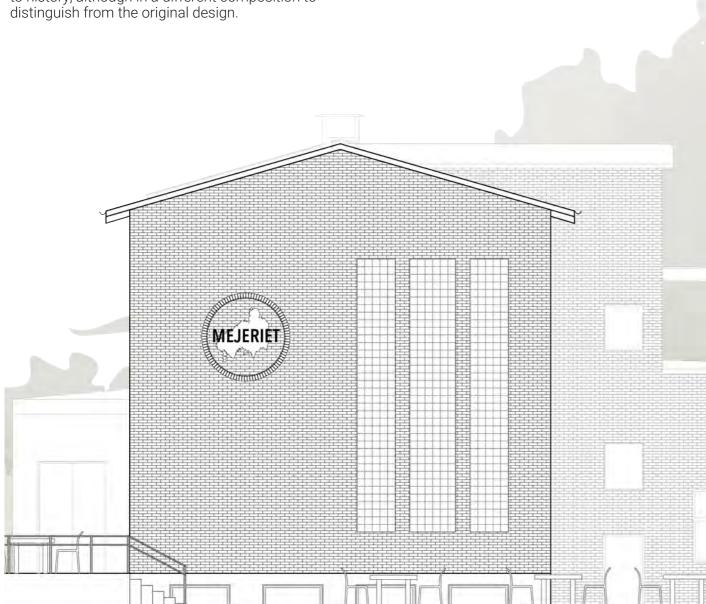
Experior perspective showing from the main road.

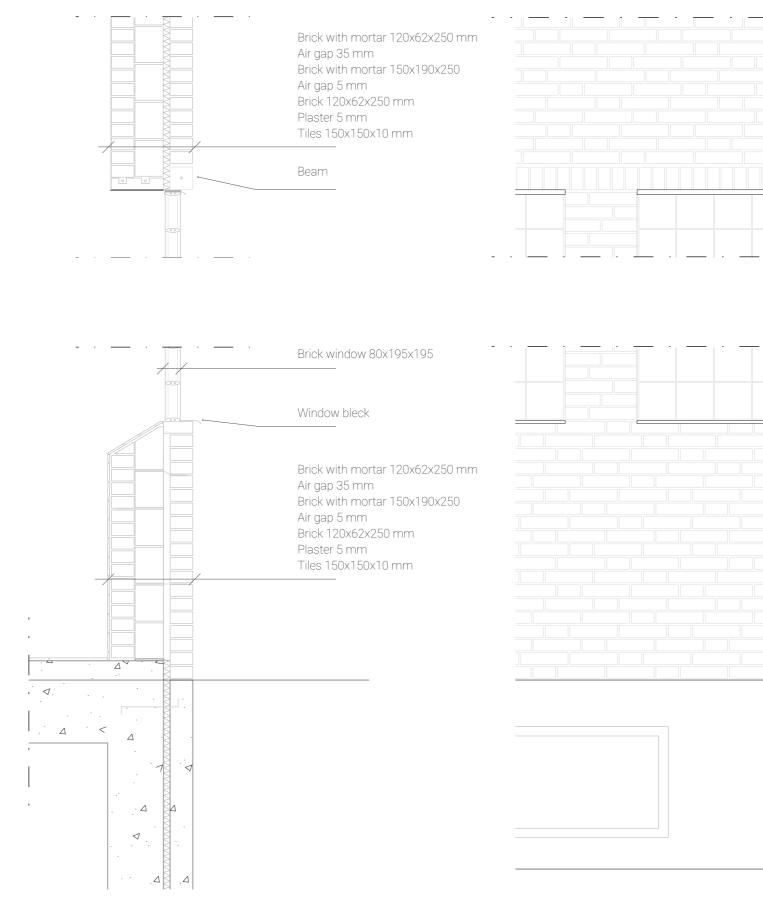




Referencing history

Due to the poor condition of the south facade, it is demolished and rebuilt. The brickwork is made in a similar red brick execution and a reference to the old logo of the building is incorporated into the design. The glass bricks are also used as a reference to history, although in a different composition to distinguish from the original design.

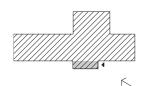




Detail section 1:20



Perspective Addition Entrance situation





Similar to the rebuilt facade, the entrance addition has a modest approach to transformation, creating a respectful compliment to the existing building. The material honesty of the red brick is referenced in the raw materials of concrete, stone and steel whereas the glass brick is a direct reference to the existing building, again in a new composition, following the same concept of large glazed areas as that of the south facade.

Diagram Material extension

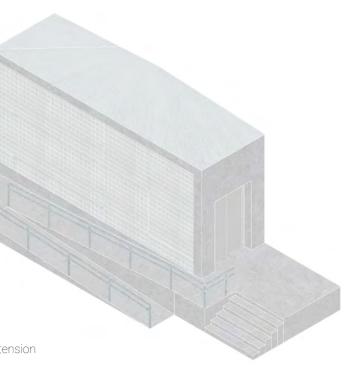
Material palette





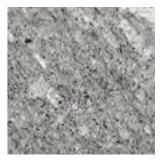
Glass block window

Exterior perspective The addition in relation to the existing building



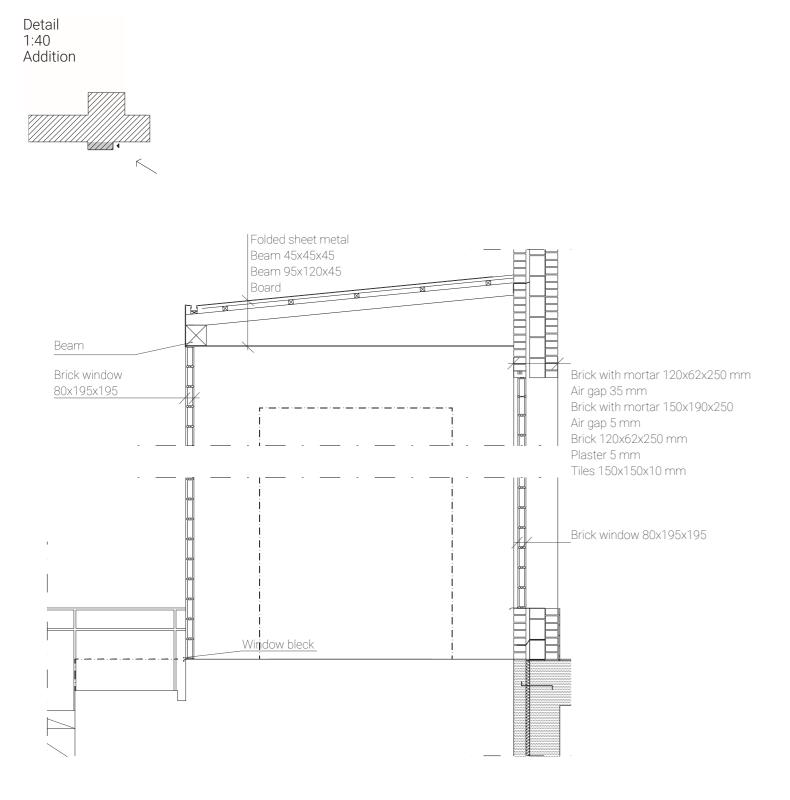


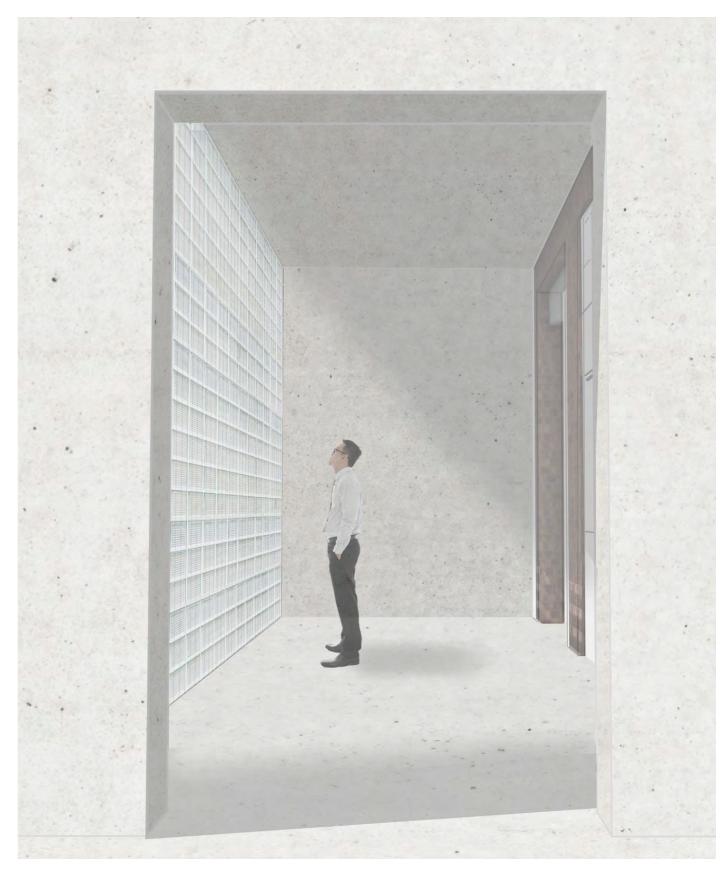
Galvanized sheet metal



Granite block from Ströms Stenhuggeri at Orust

Design strategies Architectural concept Exterior





Calm and monumental enterance guiding the visitor into the large interior square.

Plans Interventions 1:200

Fitting of new use

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0.3

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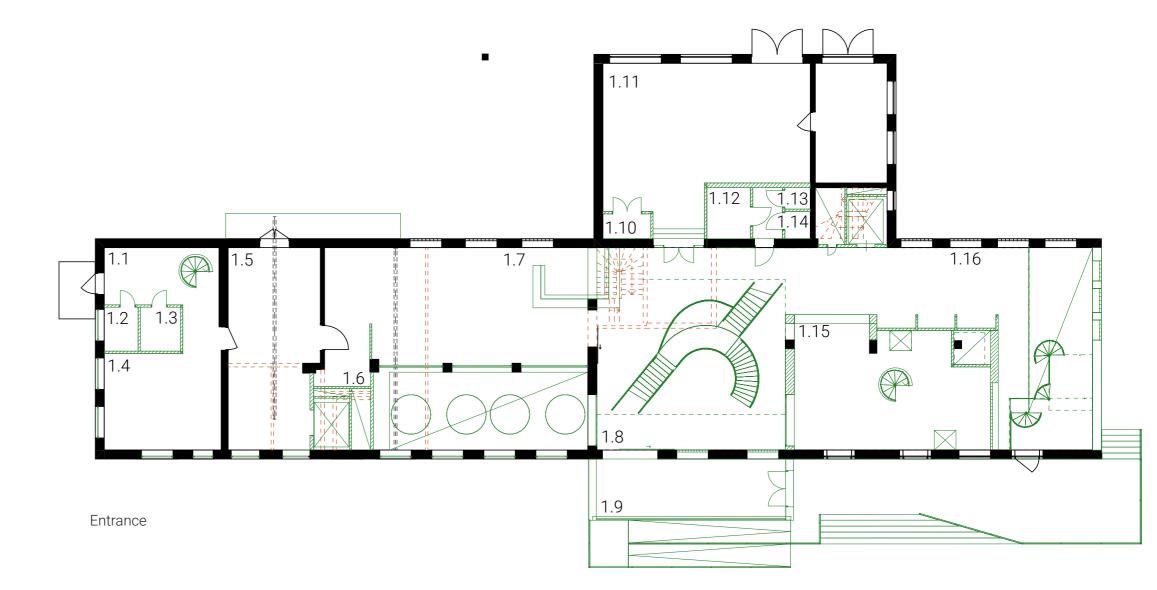
0.5

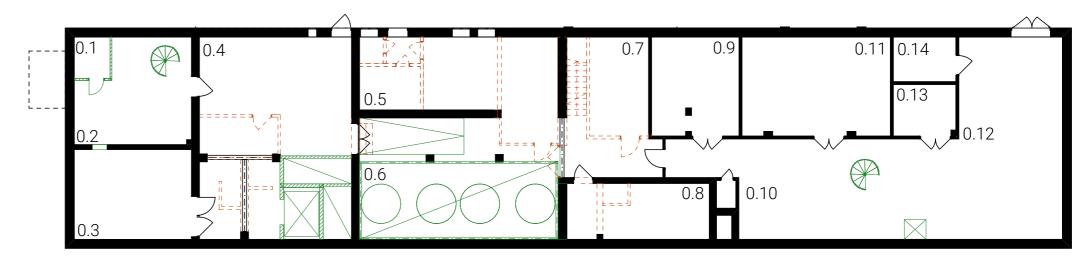
0.6

0.7

0.8

Dealing with the floorplans, removal of walls were found essential in order to provide a functioning layout for the program. Where possible, however, the original layout is kept and rather complemented with new wall structures. Existing stair shafts and elevator shaft is fitted with two elevators, one for logistics of the products and one for visitors.





0.9 Storage (Bakery) 0.10 Wahsing (Bakery) 0.11 Technology 0.12 Preperation (Bekery) 0.13 Cold room 0.14 Storage (Bakery)

Basement

Storage (Brewery) Storage (Staff)

Tap room (Brewery) Processes (Brewery)

Washing (Brewery)

Fermentation (Brewery) Preperation (Brewery)

Toilet

1.0 Entrance floor

- 1.1 Enrance (Staff)
- 1.2 Changing room (Staff)
- 1.3 Toilet with shower (Staff)
- 1.4 Break room (Staff)
- 1.5 Loading
- 1.6 Preperation
- Bar / seating
 Square
- 1.9 Entrance
- 1.10 Cleaning (Workshop)
- 1.11 Workshop
- 1.12 Accessible toilet
- 1.13 Toilet
- 1.14 Toilet
- 1.15 Bakery
- 1.16 Café

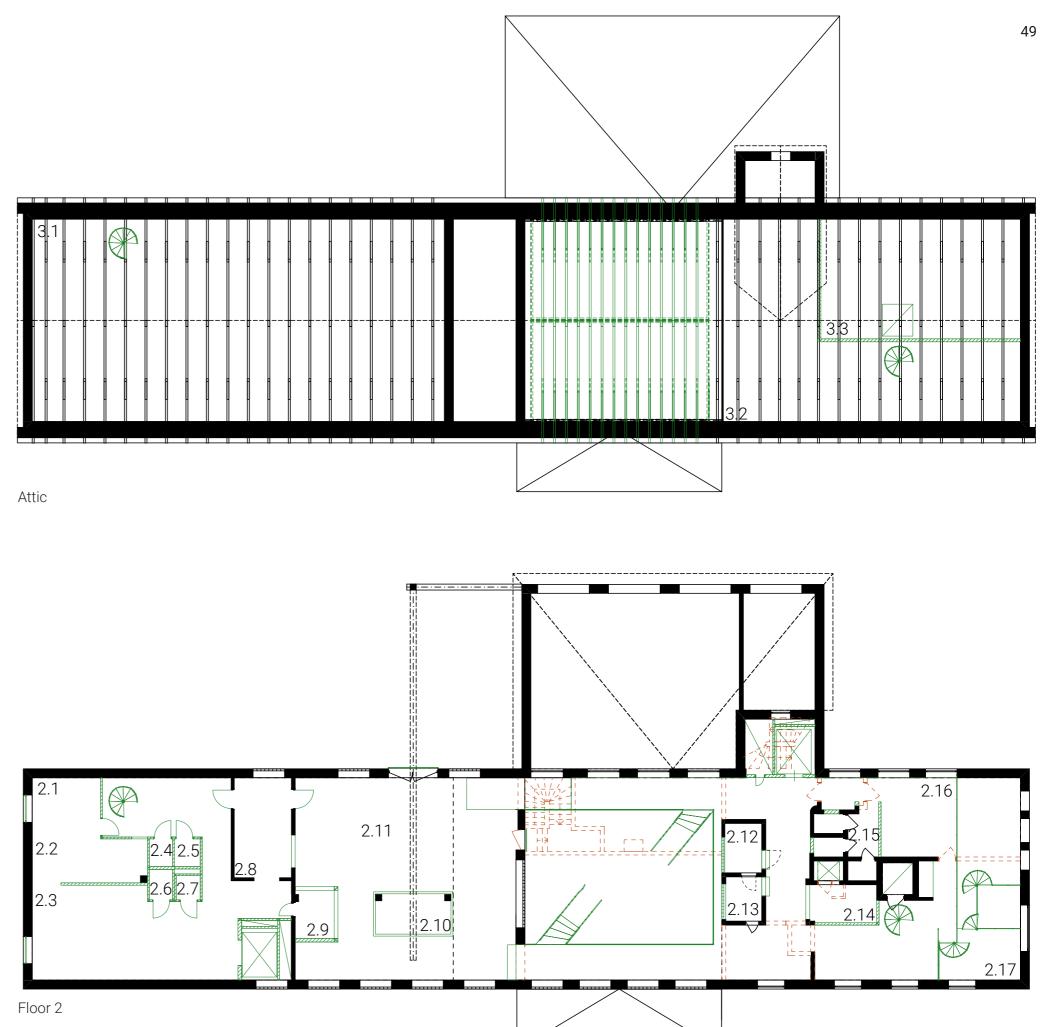


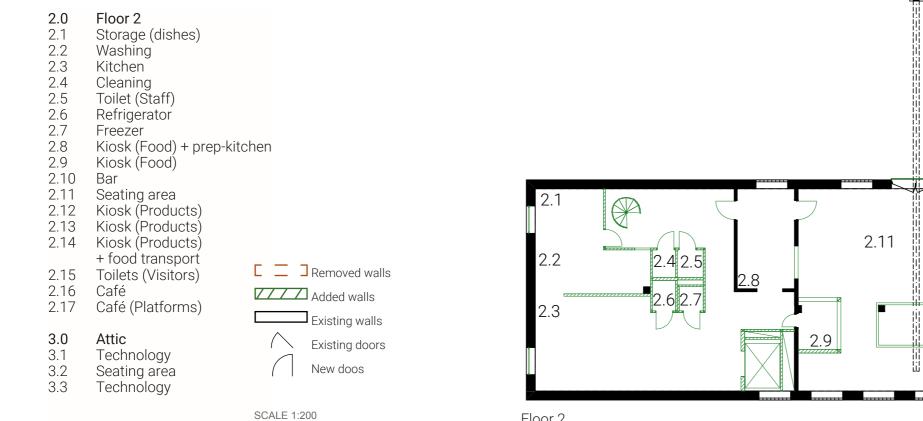
- Existing doors
- New doos

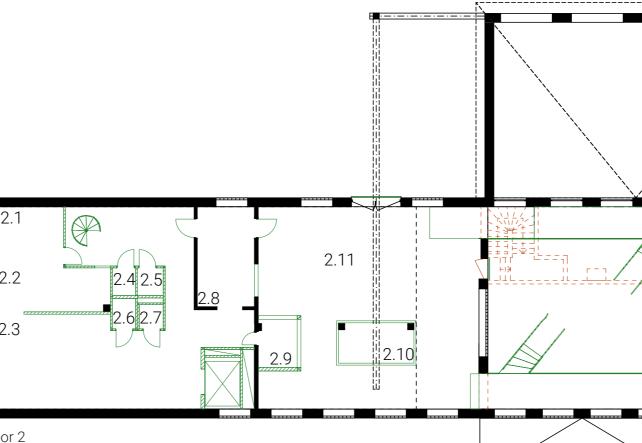
Basement

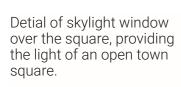
SCALE 1:200

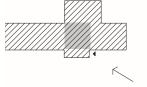
Plans Interventions 1:200



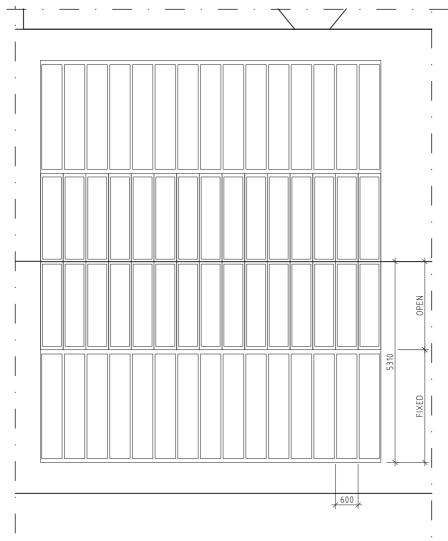


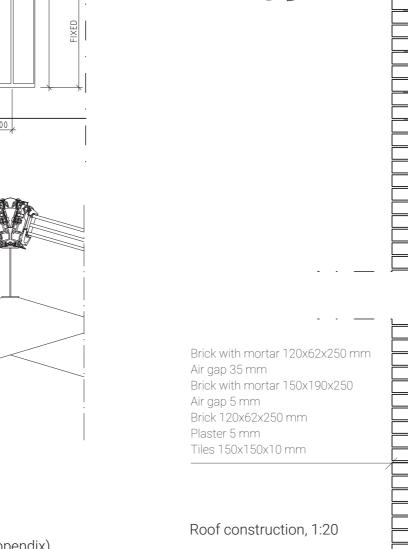






Division in plan, 1:100





Roofing tile Spar Roofing felt Board

Spar Roof truss

Gutter

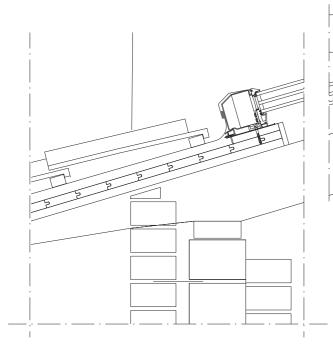
Skylight window

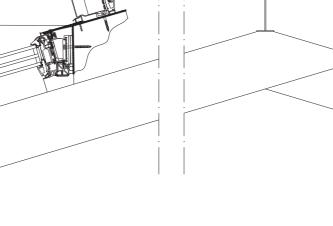
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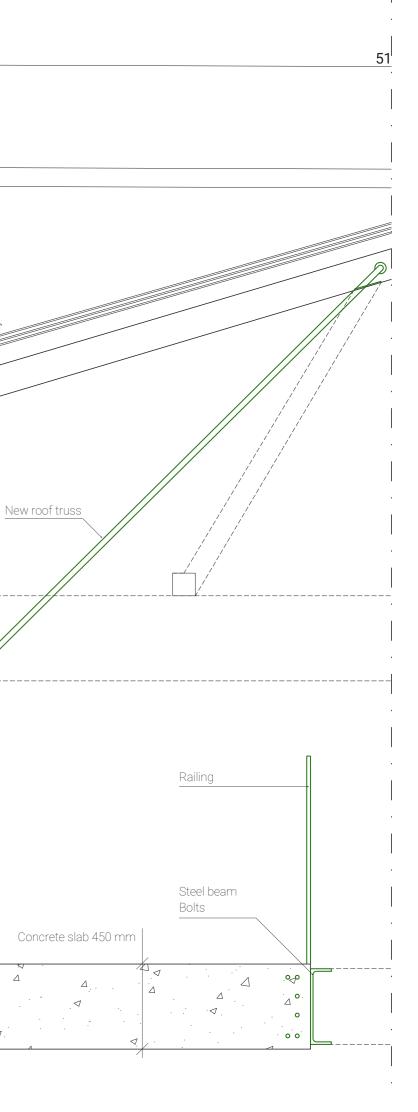
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Window connections, 1:10 (also found in scale 1:50 in appendix)



Design strategies Sustainability

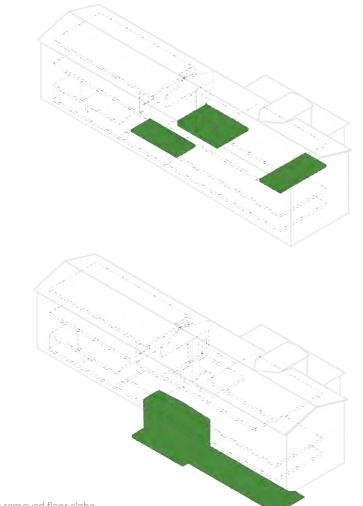
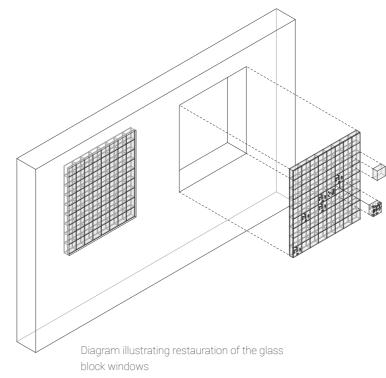
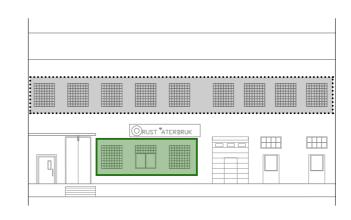


Diagram illustrating how to reuse removed floor slabs

Building and sustainability

used to restore those with broken parts. In that way, the finish of all bricks in the same windows are kept the same, hence an instance reuse of materials within the bull-ding itself. The concrete removed from the floor slabs are reused as building material for the entrance addition, either as entire sections or as filling material. Furthermore, when glass brick windows are re-moved, the functioning bricks are

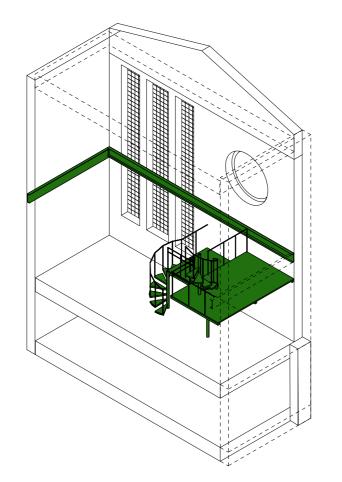




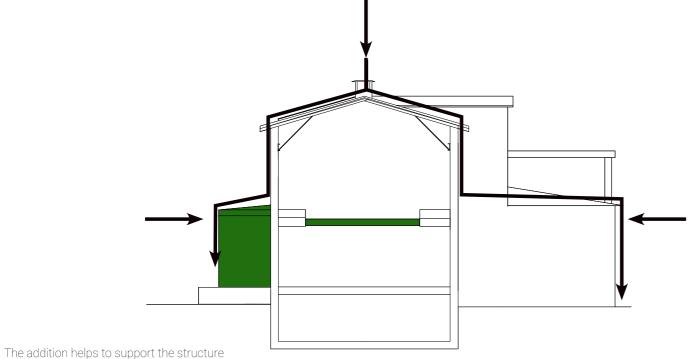
Removed windows Restored windows

Intact blocks and

Brokend blocks replaced



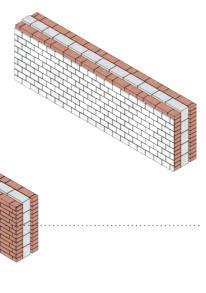
Beams and platforms stabalising the new facade and the removed floor slab. The same reinforcement method is used for all floor slab openings.



and stabalising the exterior wall.

Bars and counters

From the interior walls removed, the tiles are to be taken down and reused, however in a new execution to make the reuse process visible to the public. The tiles are used in bars and counters, although oriented in a vertical grid contrasting the original brick formation. The construction material of the bars themselves is the bricks taken down from the south facade. To the largest extent possible, local materials and local contractors are to be used as it is the essence of the project concept, but it is also a way to minimise transportations. Therefore, where new materials are needed and suitable for product display, such as the table tops of the bars, local tiles from Hjobergs Kakelmakeri are used.



Brick from the south facade

Tiles from various areas

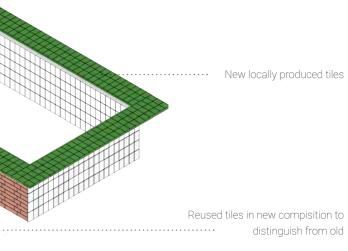


Diagram illustrating tiles and brick in new use

Architectural concept

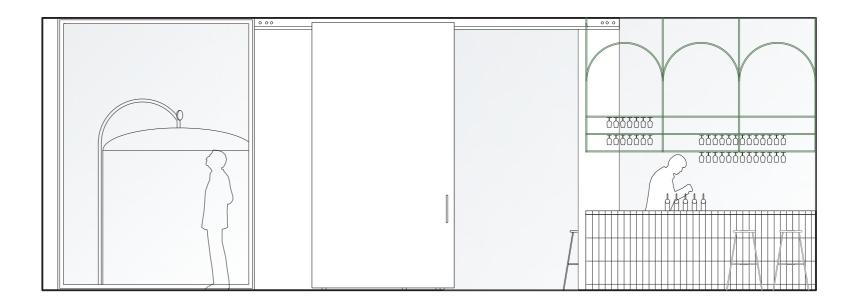


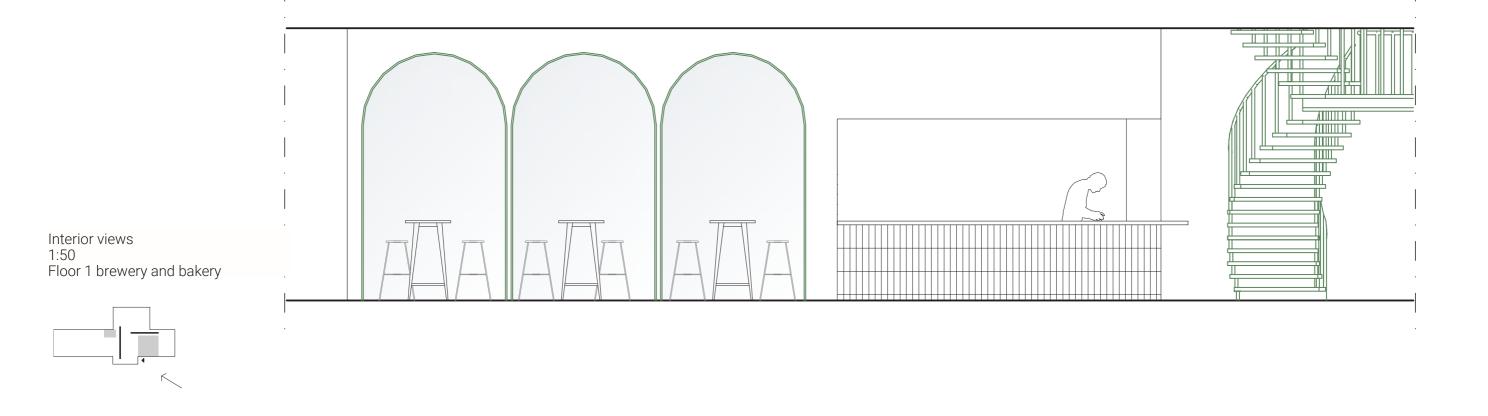
and material

Reused material, tiles

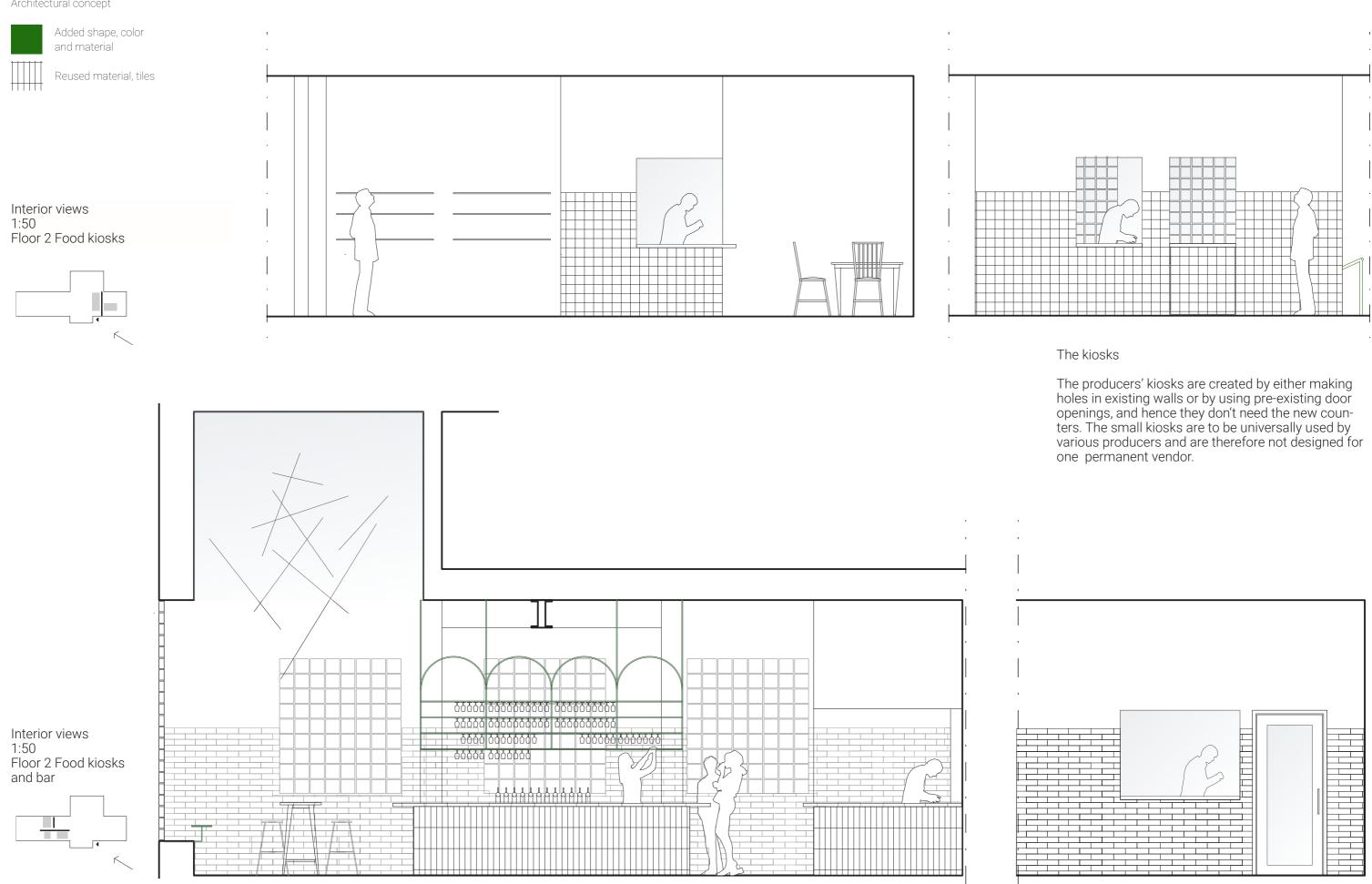
The character of the bars

All the bars and counters keep the same general design. The bars are classed with the reused tiles oriented in a vertical grid and fitted with a new table top of tiles from Hjobergs tilemakers. Other structural elements needed in or in proximity to the bars are designed using the design strategies of a coherent soft and organic shape, a green colour indicating it as an addition to the building and the same steel found around all similar additions. This creates a cohesive experience for the visitor where the familiarity of the shape, colour and material is found throughout the building's interior.





Architectural concept



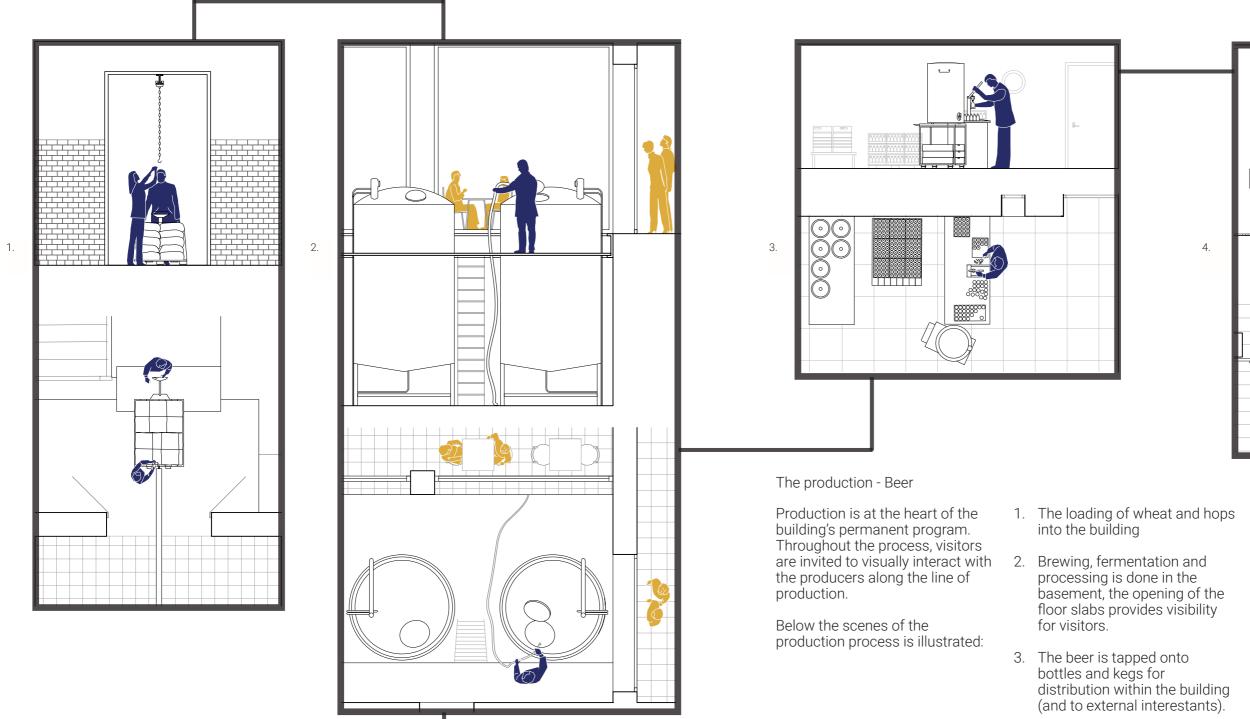
Production System of the brewery Visitors

Staff

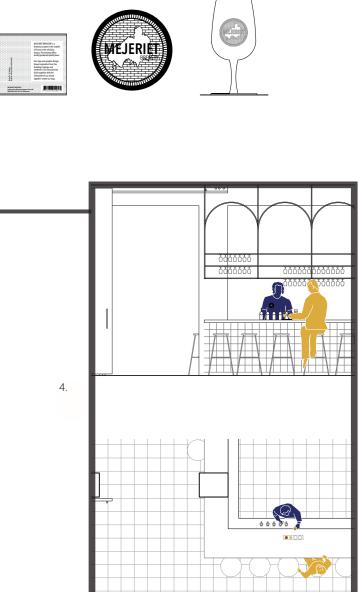


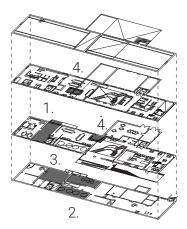


Design of bottle, coaster and glas



4. The finished product is served to visitors.





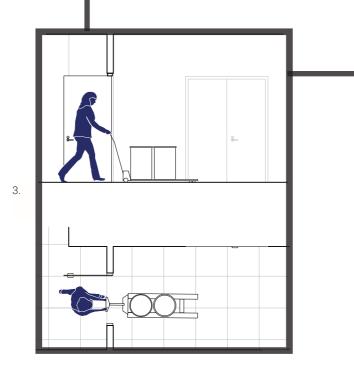
Production System of the bakery Visitors Staff

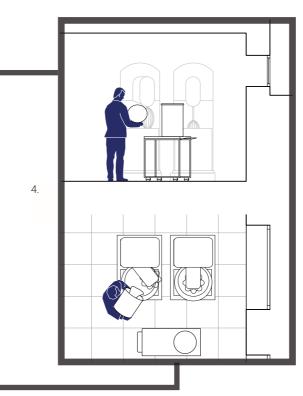
The production - Bread

Using the leftovers from the beer making, the bread production is a continuation of the beer production. It is also later possible for left overs from bread production to reenter the chain of beer production.

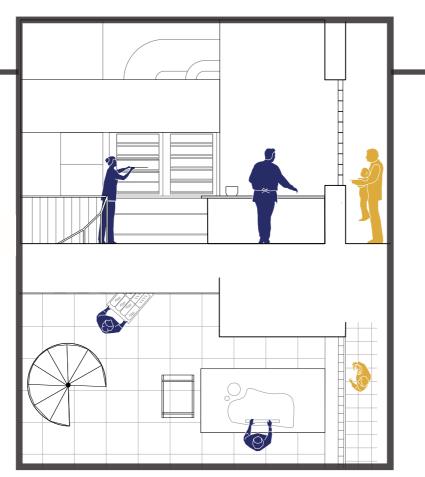
Continuing on the bread chain of production:

- 3. Leftovers from beer production are transported to the bakery.
- 4. Large scale preparation taking place in the basement. Transported to the entrance floor though a food elevator.
- 5. Shaping and baking of the bread occurs in visibility of the visitor.
- 6. The finished product is served to visitors.

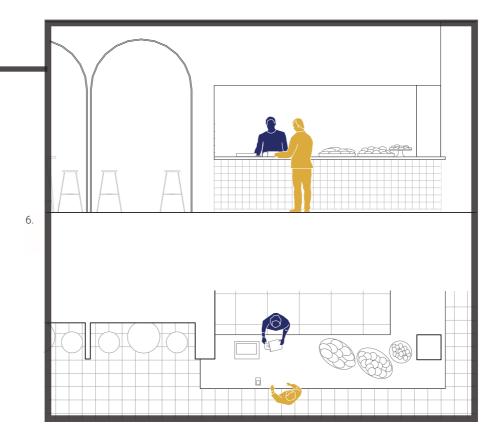


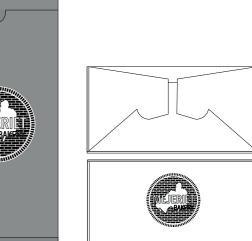




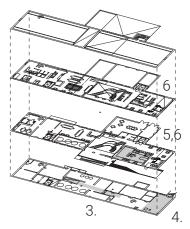


5.





Design of paper bag and cartong

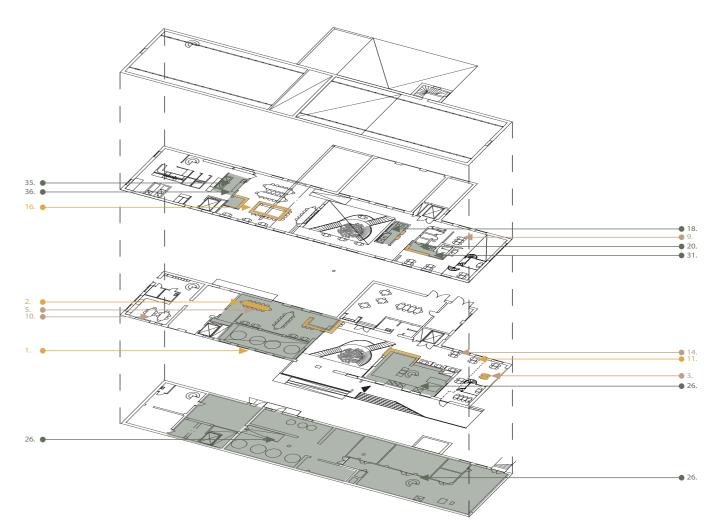


Scales of locality Visitors

Manufacturors	_	Hardworks
Arts and crafts	_	Detailing and utilities

Producers – Food and beverages

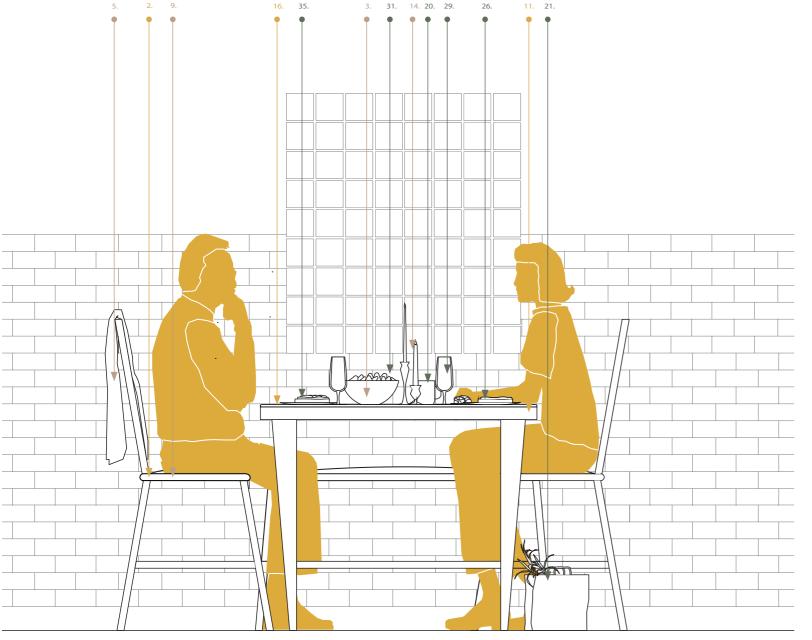
Scales of locality Mejeriet



Building and sustainability

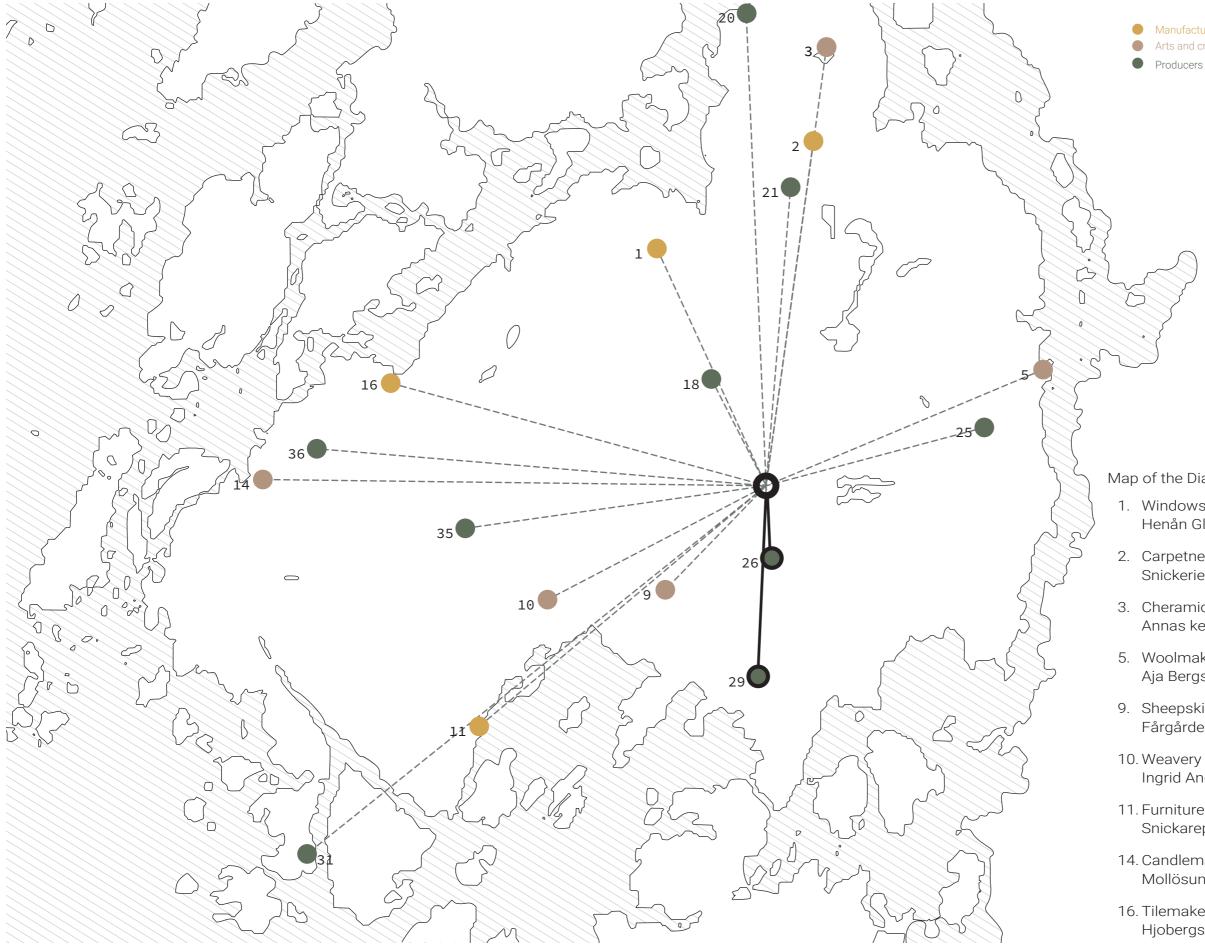
- Windows Henån Glasmästeri
- 2. Carpetner Snickeriet i Ström
- 3. Cheramics Annas keramikbod
- 5. Woolmaker Aja Bergstrand
- 9. Sheepskin Fårgården i Stala
- 10. Weavery Ingrid Andersson

- 11. Furniture Carpeter Snickarepeter
- 14. Candlemakers Mollösundsljus
- 16. Tilemakers Hjobergs Kakelm
- 18. Egg and vegitabl Häröds Gård
- 20. Coffee roastery Markgrens Mörka
- 21. Dairy Torp Farm



tner	25. Beef Rödets gårs
	26. Bread Herr bröd
makeri	29. Brewery Orust Ölfabrik
bles	31. Clams Scanfjord Mollösund AB
ka	35. Lamb, smokery Håvs Lamm
	36. Potatoes Sörbo Gård

Scales of locality Orust



Manufacturors Arts and crafts Producers

Hardworks Detailing and utilities Food and beverages



Map of the Diary facory content.

1. Windows Henån Glasmästeri

2. Carpetner Snickeriet i Ström

3. Cheramics Annas keramikbod

5. Woolmaker Aja Bergstrand

9. Sheepskin Fårgården i Stala

Ingrid Andersson

11. Furniture Carpetner Snickarepeter

14. Candlemakers Mollösundsljus

16. Tilemakers Hjobergs Kakelmakeri 18. Egg and vegitables Häröds Gård

20. Coffee roastery Markgrens Mörka

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25. Beef Rödets gårs

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31. Clams Scanfjord Mollösund AB

35. Lamb, smokery Håvs Lamm

36. Potatoes Sörbo Gård

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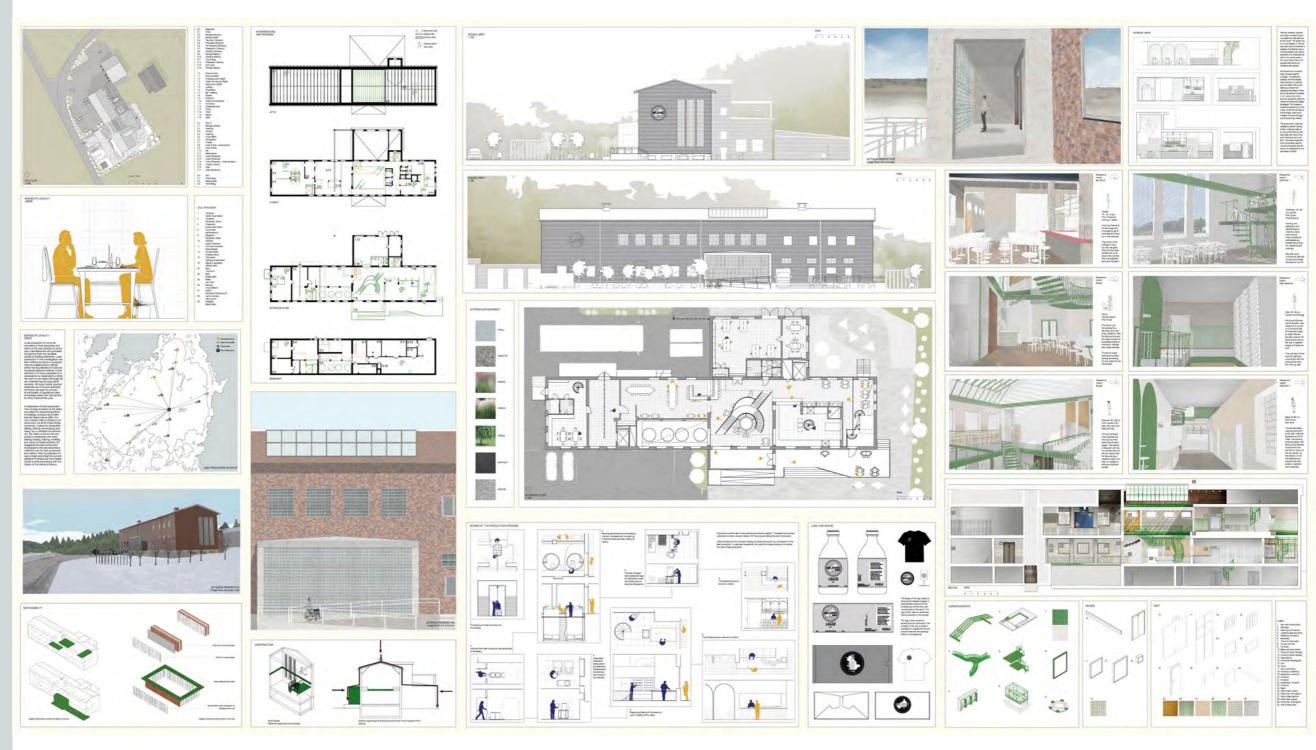
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APPENDIX

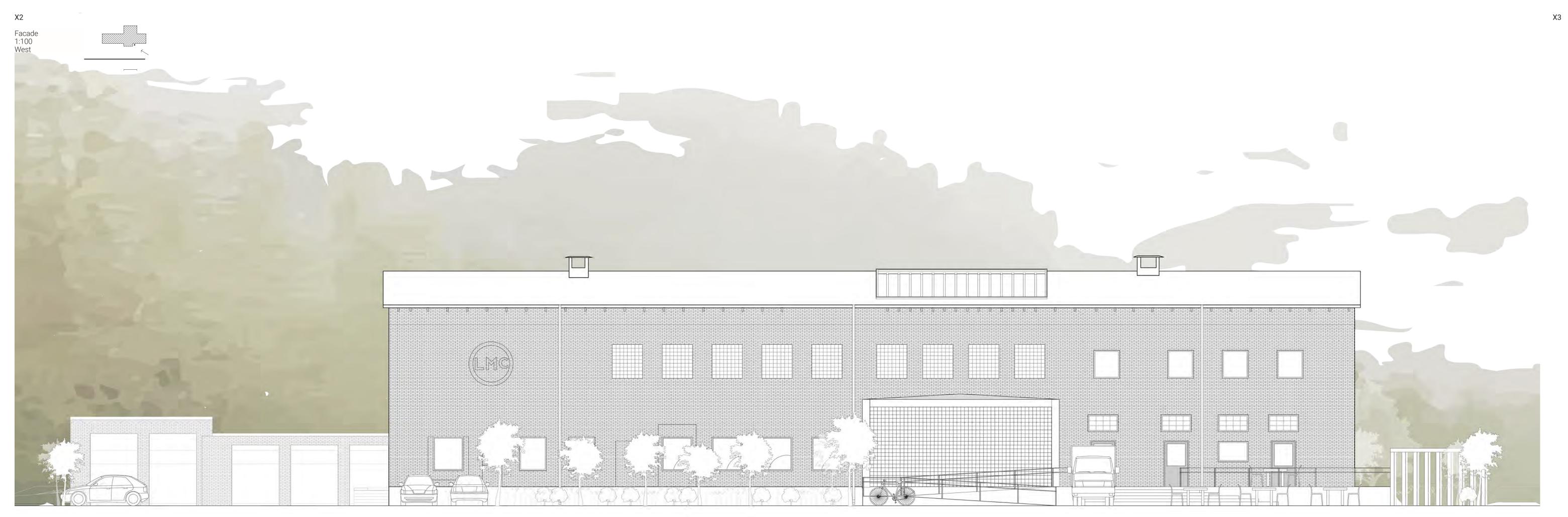
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 » Drawings in scale 1:100
 » Plans
- Facade »

West South East North

- Section »
- Details in scale 1:20 (if not else stated) »

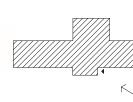


Physical presentaiton layout



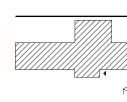
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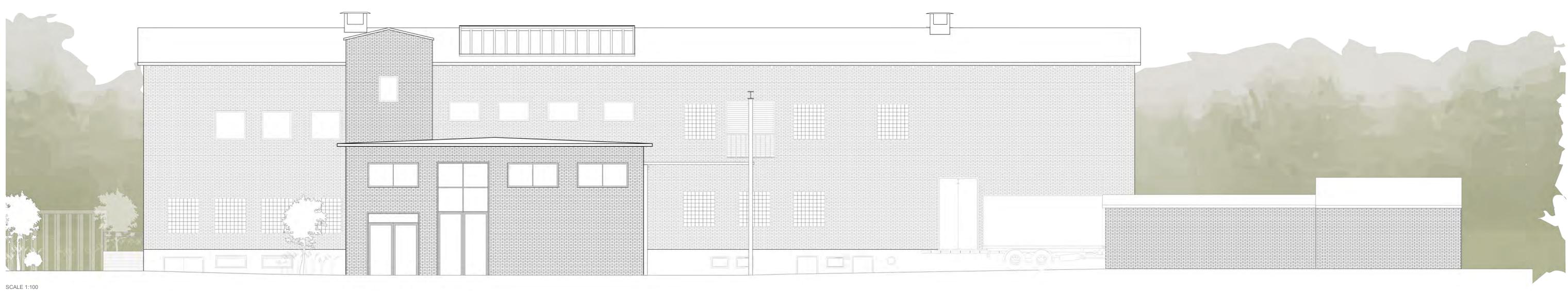
Facade 1:100 South

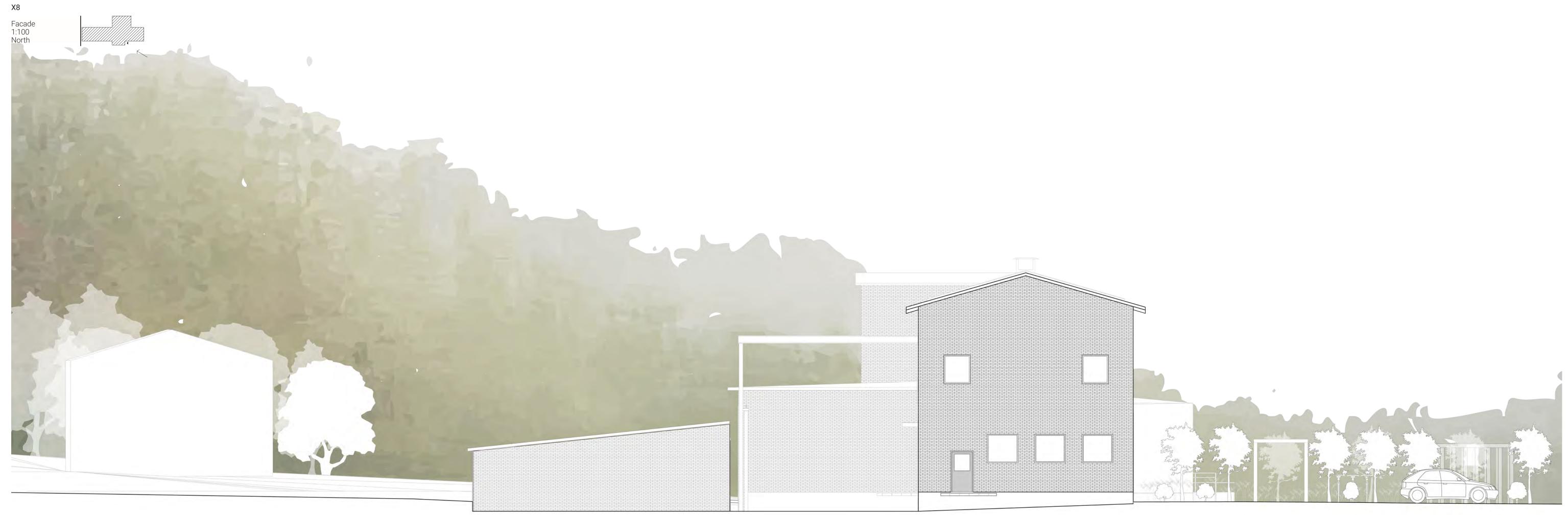




Facade 1:100 East





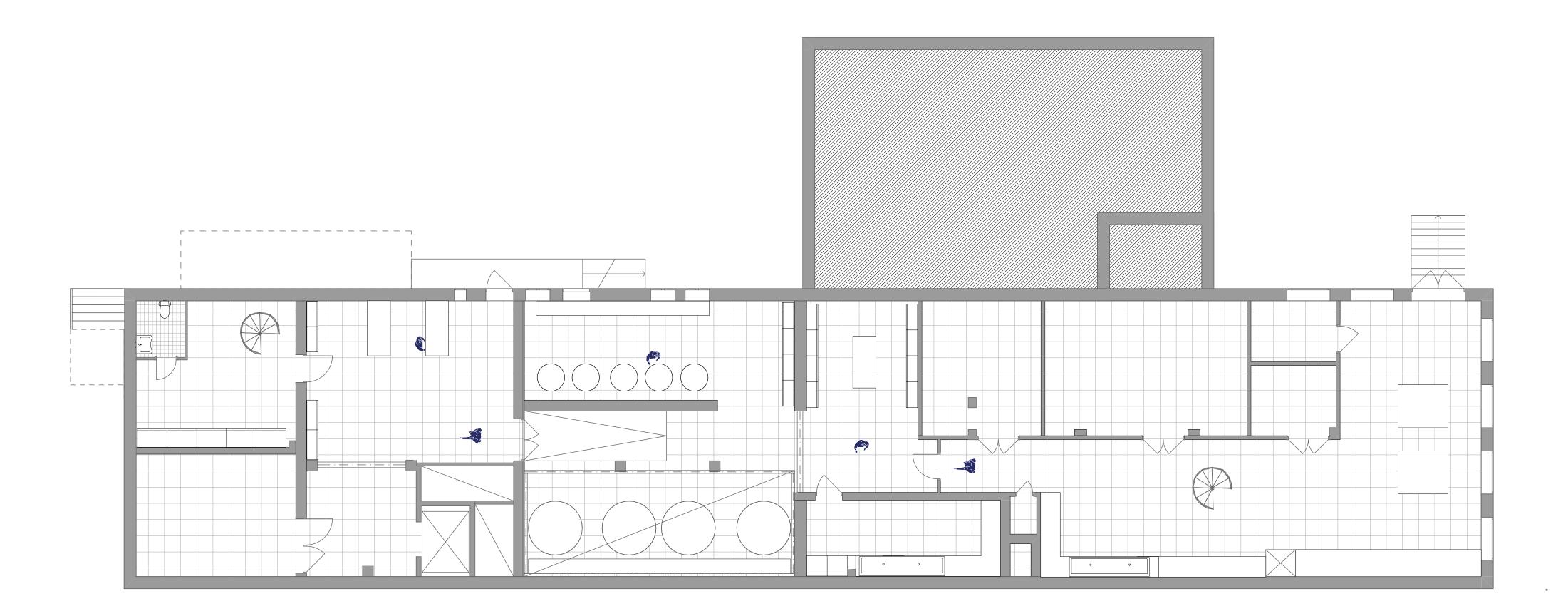


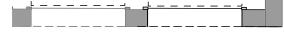
SCALE 1:100

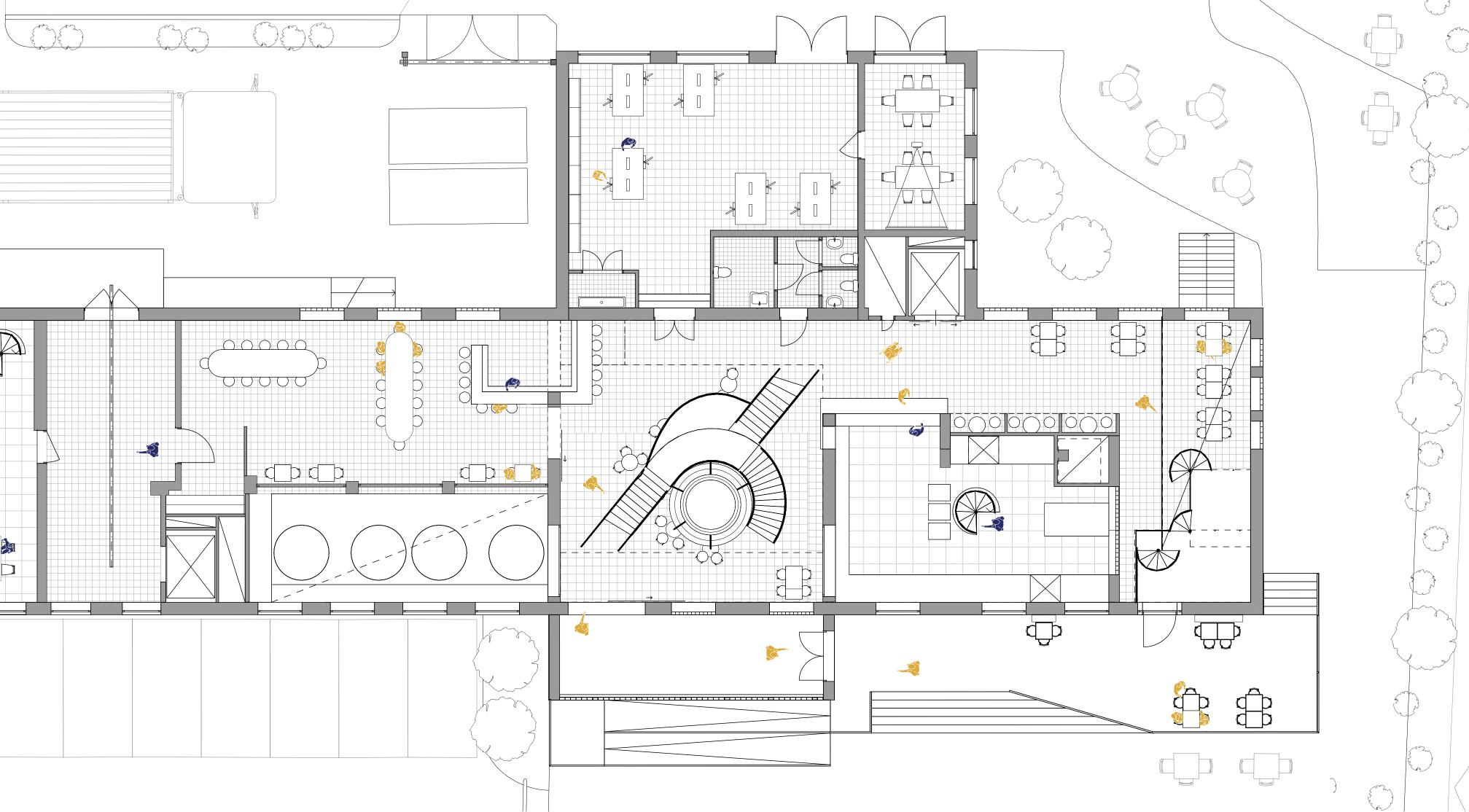


Staff









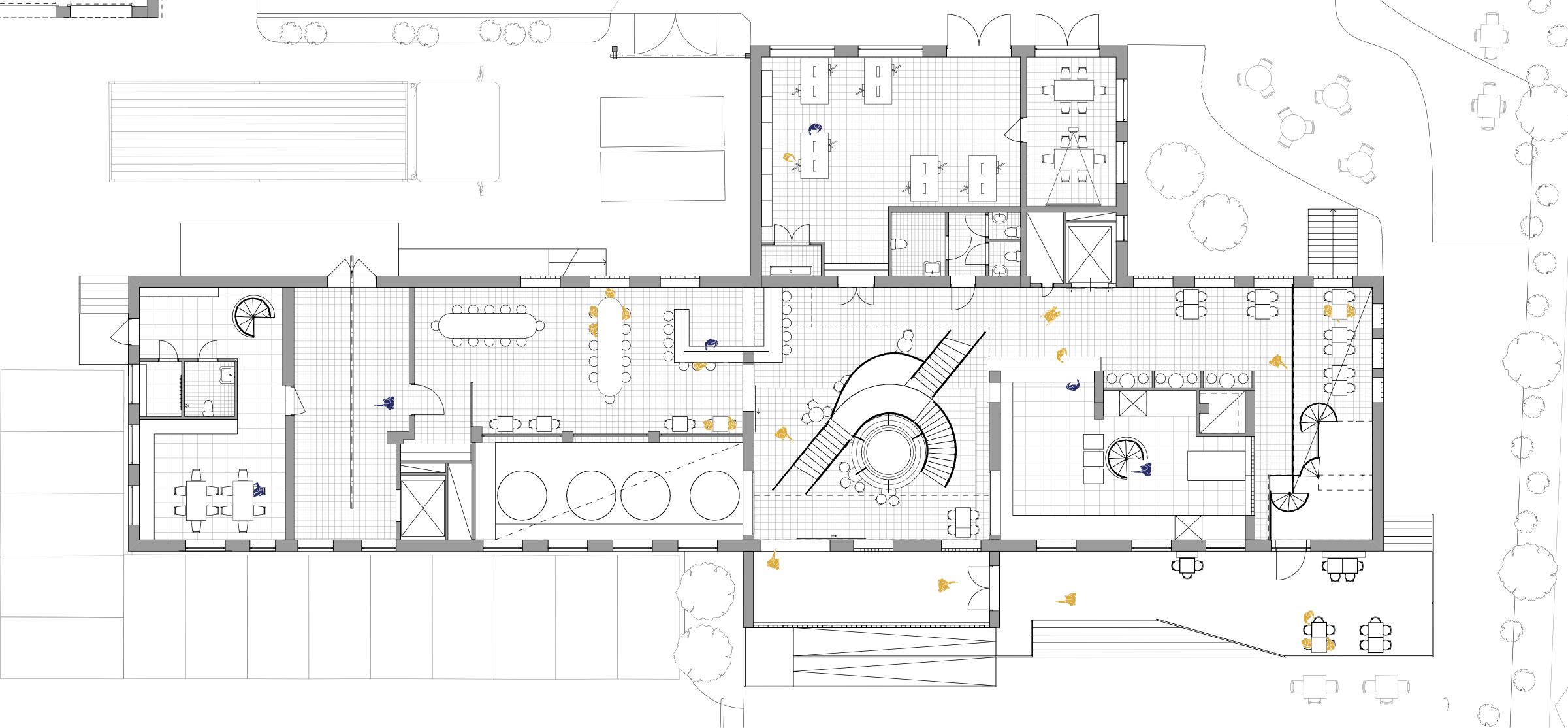


Visitors

Staff





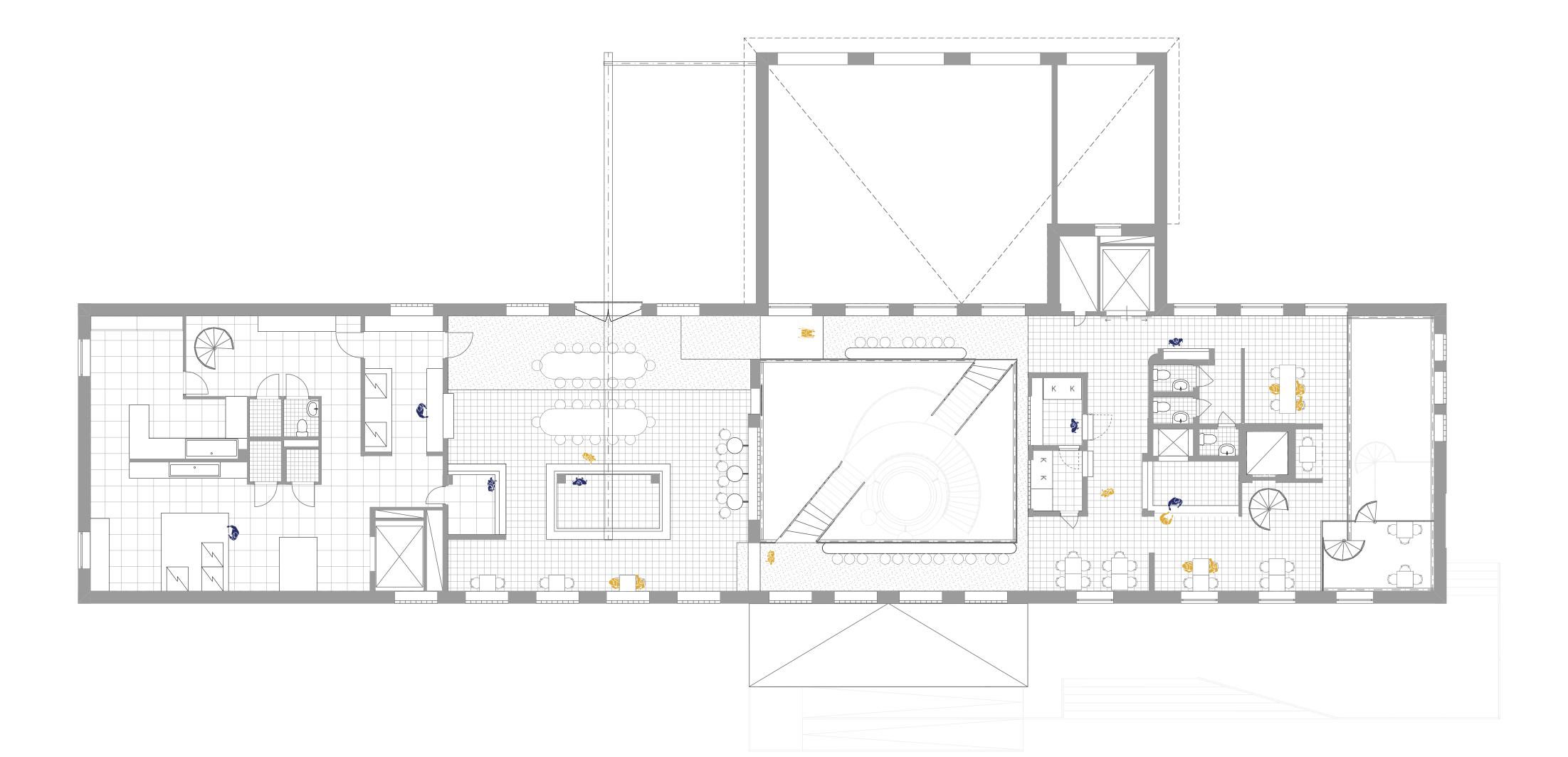


SCALE 1:100



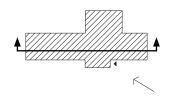


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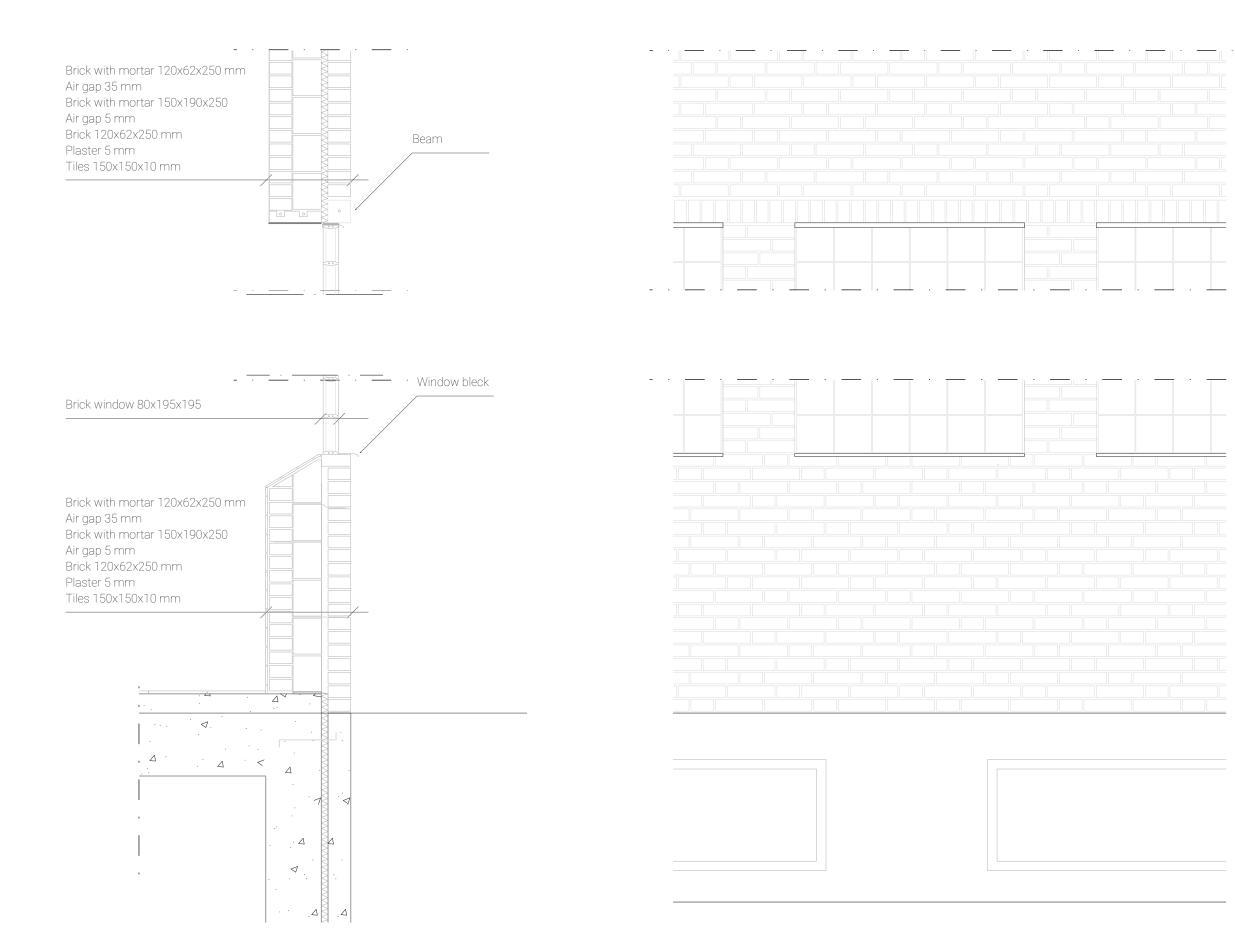
SCALE 1:100

Section 1:100 Atmosphere

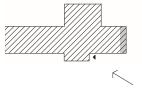


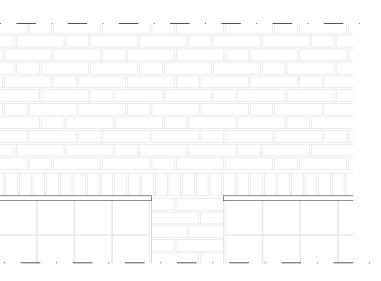


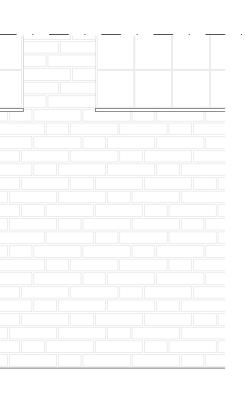


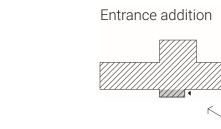


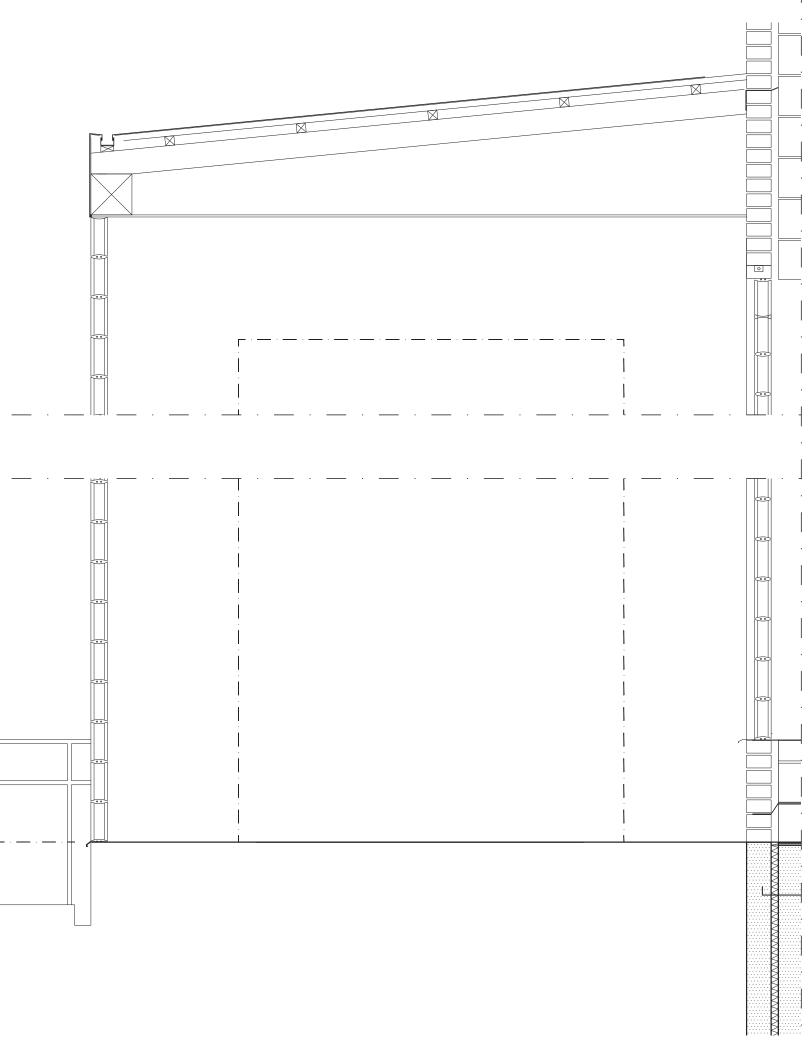
South facade

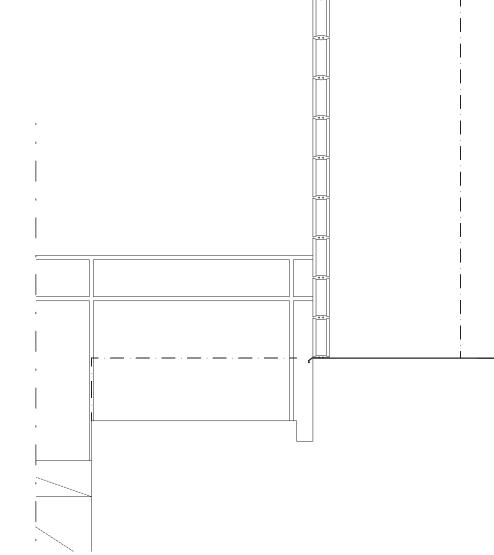




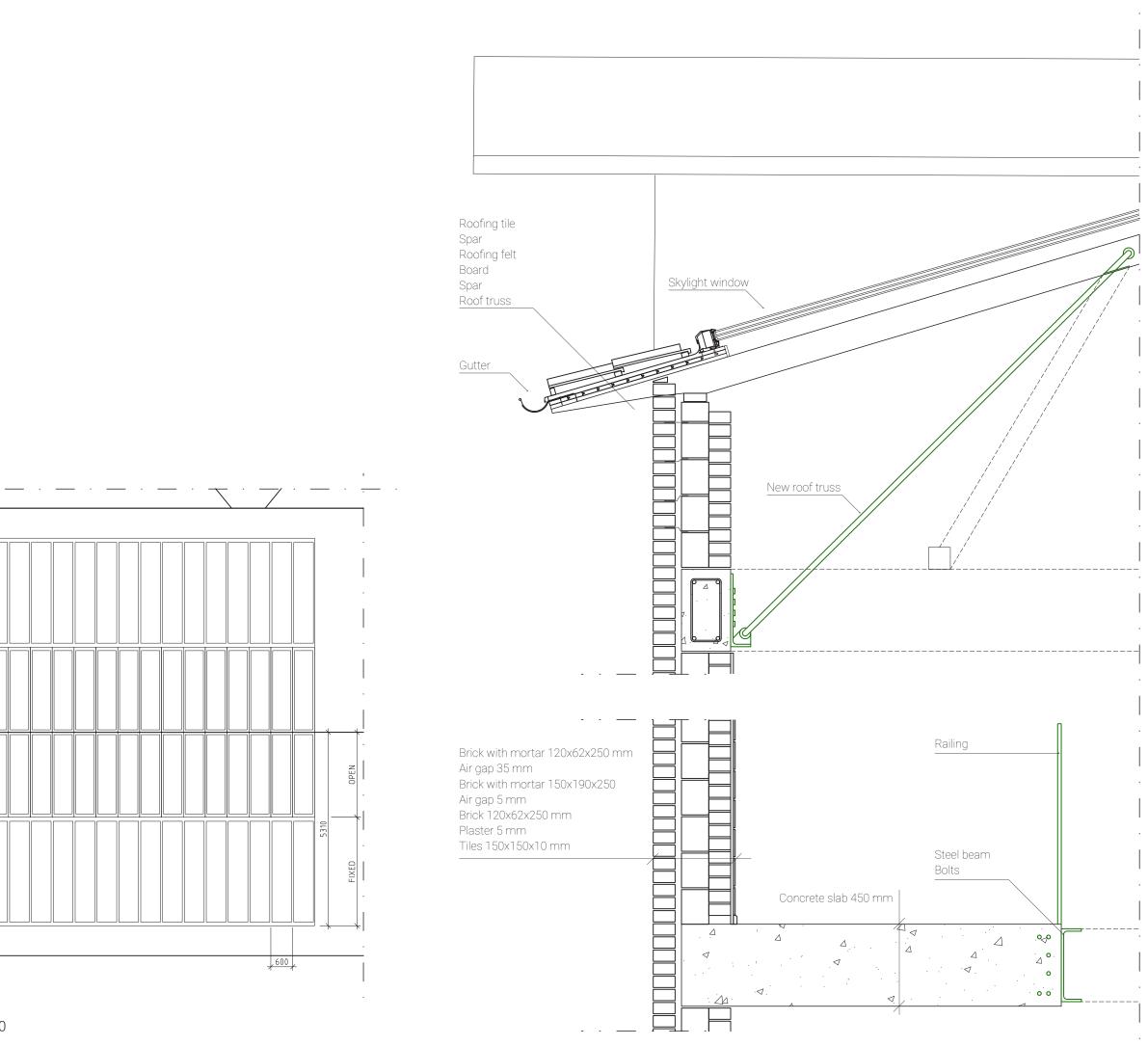






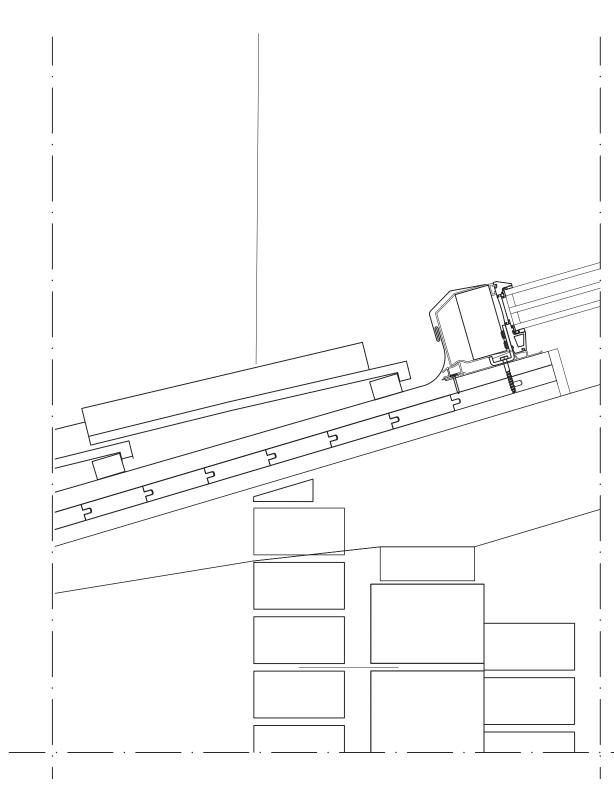


Details 1:20 if not else stated Construction





- ·, ____



Skylight window 1:5

