CRAFT CENTER

Craftschool & young entrepreneurs

Antwerpen, Belgium

P5 Rogier Bos - 28.06.2019

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History of Antwerpen

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Motivation of the programme

III DESIGN

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INTRODUCTION

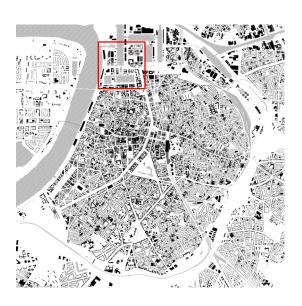


1789, Samuel Slater designed the Wool spinning machine

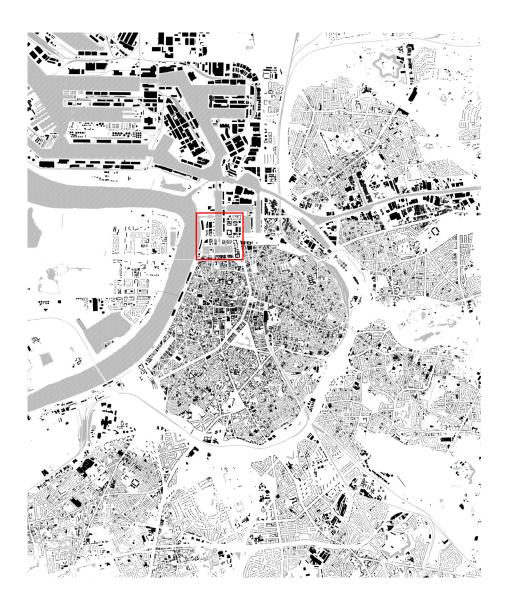
II HISTORY

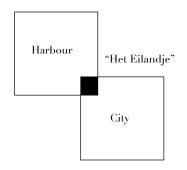


1800, Antwerpen, an international seaport



1800 - 1930 , Industrial revolution, "Het Eilandje"



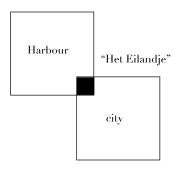


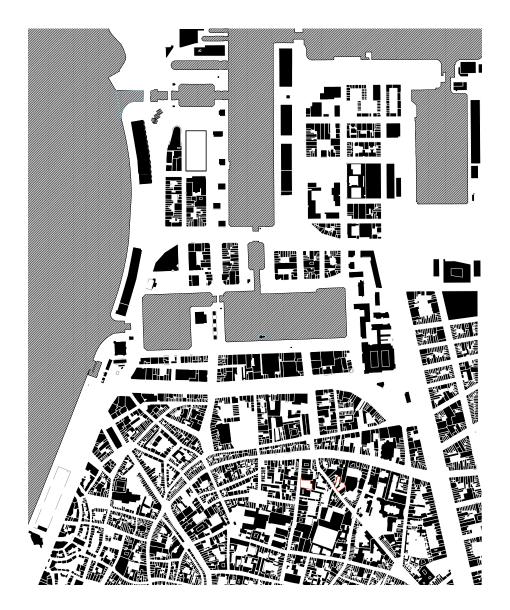
1930-1970 ,The great leap northwards

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"HET EILANDJE"

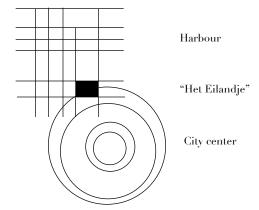


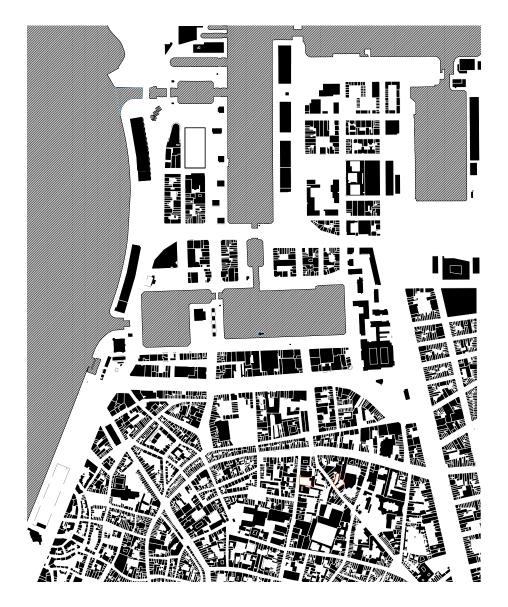




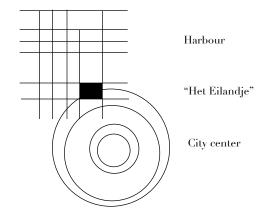
Analysis of the urban fabric

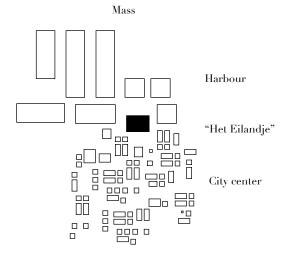
Infrastructure





Infrastructure

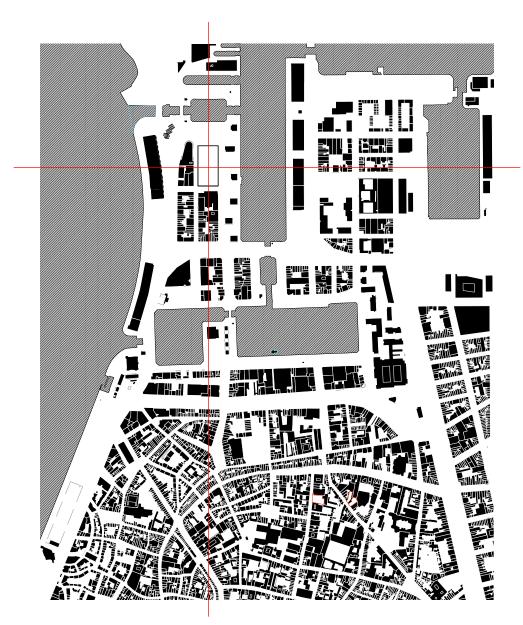




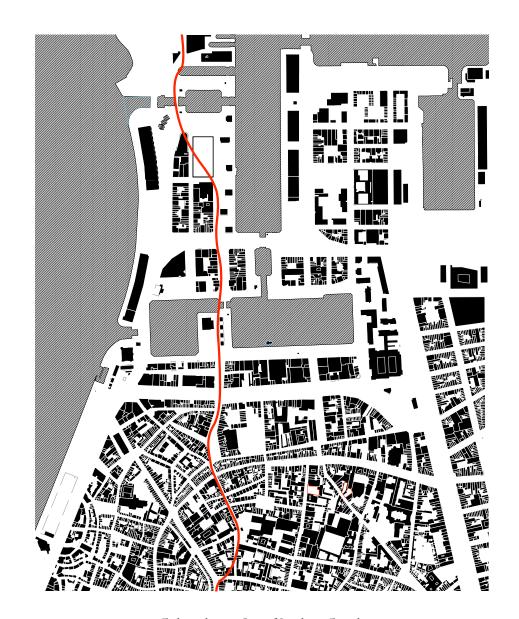
Analysis of the urban fabric

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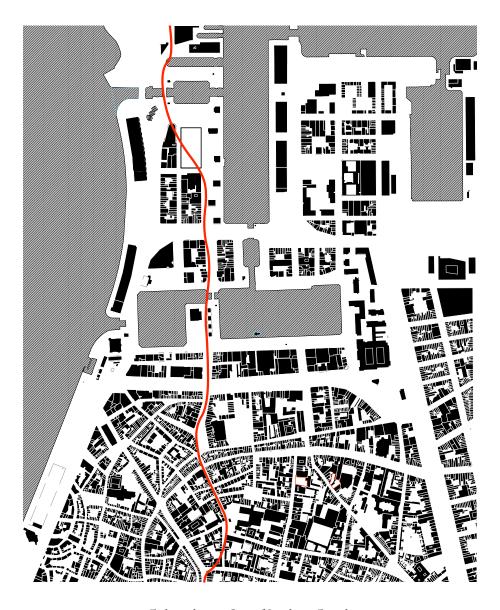
MONTEVIDEO & INTIMATE CITY



Analysis of the urban fabric



Cultural axes from North to South



Maritime Museum

The shop

Red Star Line Museum

Royal Ballet of Flanders

MAS & MAS's square

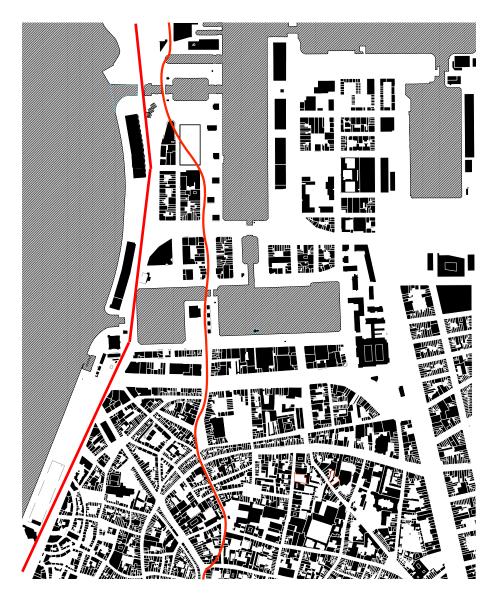
Prostitution

Falconplein

Royal Academy

Cathedral

Historical center



MAS & MAS's square

Maritime Museum

Red Star Line Museum

Royal Ballet of flanders

The shop

Prostitution

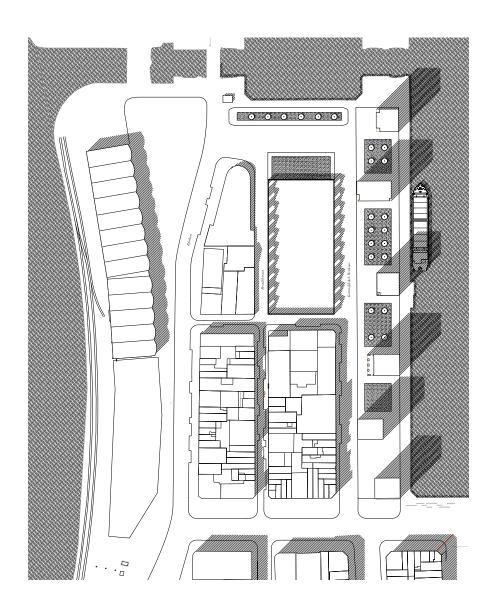
Falconplein

Royal Academy

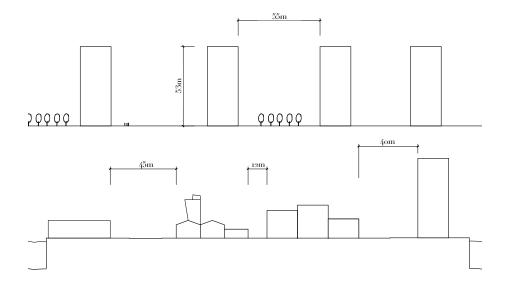
Cathedral

Historical center

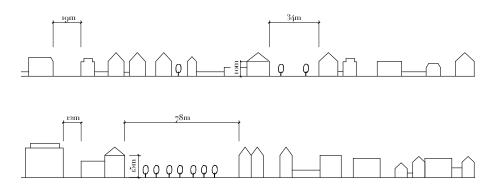
Cultural axes from North to South & The Scheldt Quays



Massing plan, Montevideo island





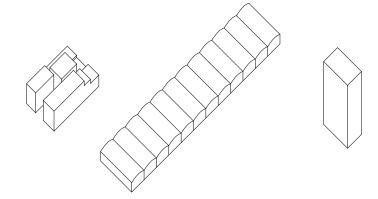


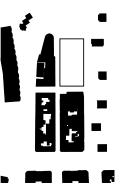


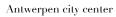
Antwerpen city center

Montevideo island

Proportion between mass and void



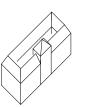


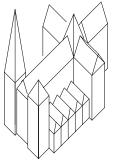


Montevideo island











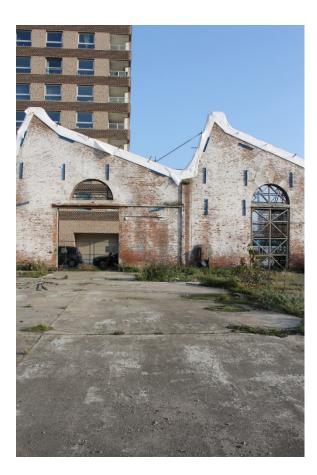
 $\mathbf{II} \mid \mathbf{III}$

SITE AND PROGRAMME











The special plan of construction (BPA) allows almost all destinations, except companies the are anonying for the living environment. For Poulissens Ideas, a change of destination is no necessary and everything can go fast. "We hope to build in early 2008. In 2009 everyone can come to the critema."



Two parking levels

In a first plan, architect and great promoter Chris Poulissen saw four underground levels in which there was room for a supermarket and cultural halls, but that proved difficult to achieve in terms of technology. With two parking levels the underground circulation becomes easier and two large lift and staticases



Above ground the original cachet of the sheds can be kept intact. These are eleven identical warehouses with translucent sawing roof, which will come onto the market as separate office, business or cultural units





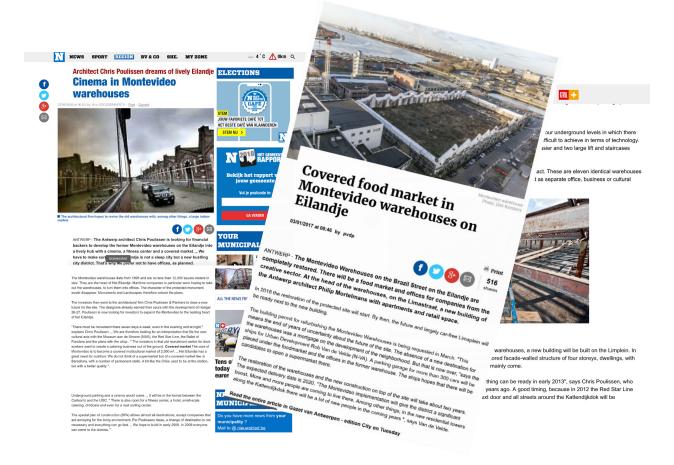


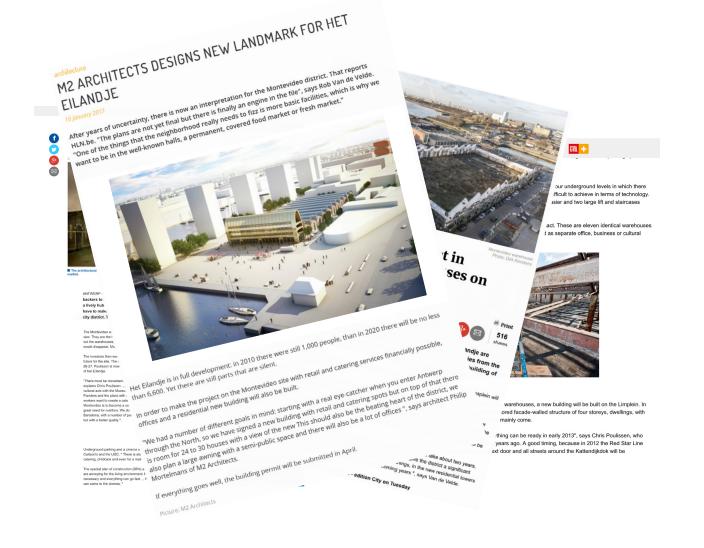
New construction

Following the restoration of the Montevideo warehouses, a new building will be built on the Limplein. In this arc-shaped wooden façade-based restored facade-walled structure of four storeys, dwellings, with catering and services on the ground floor, mainly come.

"We are building in one go, so that everything can be ready in early 2013", says Chris Poulissen, who drew the first visionary plans almost ten years ago. A good timing, because in 2012 the Red Star Line Museum will be running at full speed next door and all streets around the Kattendijkdok will be redeveloped.

News











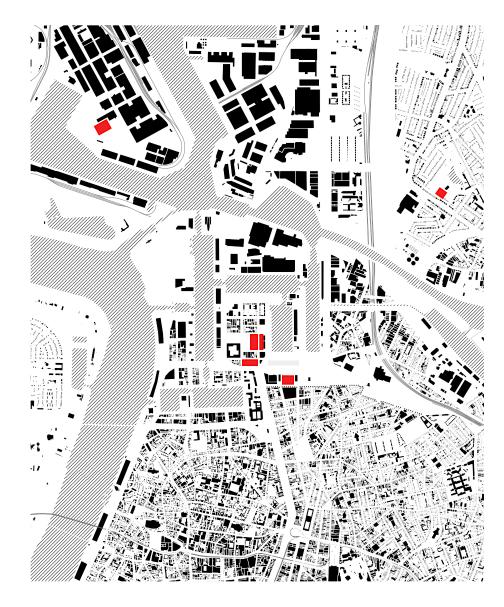
Antwerpen Maritime academy In the field of:

- Hydrography
- Commercial Yachting
- Nautical sciences
- -> Maritime

Stedelijk Lyceum Merksem

In the field of:

- -Audio visual
- Word art Drama
- Visual Arts
- Graphic Media
- Multimedia
- Photography Stage Technique
- Hair Care
- Print media Press
- -> Digital art



Existing technical schools in the surroundings

Campus Stella Marisstraat In the field of:

- Catering
- -> Catering

Technicum Bovenbouwschool

In the field of:

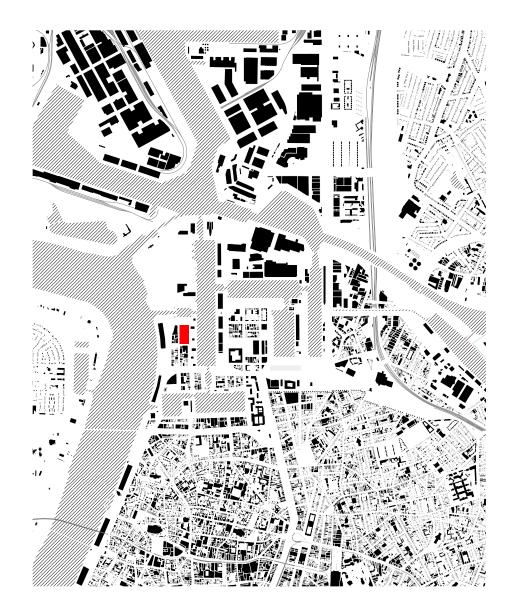
- Car mechanic
- Decorator
- Jewelery
- Electricity - Medical
- -> Mecanics

AP Hoegeschool

In the field of:

- Digital system and Networks
- Computer Programming
- Work Organization
- Electromechanical systems
- Internet of thingsTechnical maintenance
- Measurement and Control

-> IT



Montevideo warehouse the NEW CRAFT CENTER

Montevideo NEW CRAFT CENTER In the field of: - Building construction (Wood, Metal, Massonry)







It all started the day I broke the zipper of my long-established leather pencil case.

As an architecture student, a pencil case has become my everyday buddy I take everywhere with me, wherever I go. But in Spring of 2014 my old pencil case's zipper stopped going back and forward. At that moment, I grabbed my sketch book and started to design my own pencil case. I decided to go for a young entrepreneur like me to arrive at the final wooden design, as within my Bachelor workshop at the university in Switzerland, wood was the only material available and was the one I had the most knowledge on how to work with. After several prototypes including a hinge, push button, drawer or a lid, it appeared to me that none of them were convincing. Therefore, I chose to go for the most minimal concept: a box without technical pieces to make it work and a hair band that I could borrow from my sister.

After a couple of months of personal use, I got a lot of positive feedback on my creation, questions and the idea of taking my pencil case design and making that should be taken into account nowadays. a product production.

'how much funding do I need?' and 'how and where by the factory and saw tree trunks coming in, the

"Take a bit of your savings and make a bunch of them. The risk you take is minimal. Just do it !"

Both the adrenaline and the fear helped answer my questions, step by step with the process. I paid a visit to a carpentry workshop to get more information from a professional on how to bring my product into manufacture, knowing that it would be a small scale production. The TOK-case had to be glued, its band should be sewed and then had to be oiled as a whole piece. I discovered that it would be impossible for a product with each of these steps being accomplished by individual professionals, as the cost of the production would have been too high for such a small amount of products.

However, the carpenter - within his network immediately sent me to a 'social workplace'. This place brought together craftsmen from different fields under the same roof and were assisting people with special needs to take part within the professional life. The perfect space for my TOK-case! Thus, the product got not only a social character, but was locally made with a local material - which, in my even a couple of requests for orders. This gave me opinion, are significant aspects of a product's design

Together, we worked as a team, including the head of At that point, plenty of basic questions came into my the workshop, to design the last elements to make mind like: 'how do I deal with a bigger production ?', the production efficient. One month later I dropped am I going to sell my products?'. I had a small chat whole chain of production from A to Z was revealed with a friend in the professional field who told me : in front of my eyes. Very soon, my final products were stacked and ready to be sold.



CONVOI Antwerpen, Temporary space for Pop-up stores

Pop-up shopping areas that feature young and upcoming brands are obviously the new black. Think of for instance Boxpark London and <u>Downtown Container Park Las Vegas</u>. Fashion hub Antwerp couldn't lag behind any longer, of course. The result: <u>container</u> shopping village <u>Convol Antwerp</u>, which has been built in the shadow of famous tourist attractions such as the MAS and the Port of Antwerp. Convol Antwerp will be poping up for no less than two years!



Young entrepreneurs

Convoi Antwerp focuses on supporting young, creative entrepreneurs who not only offer a product or service, but also verve and especially lots of inspiration. The 45 shipping containers make Convol Antwerp the new urban shopping desti to attract 450 entrepreneurs every year in order to offer an eclectic mix of products, from startestablished labels and bigger brands. A pop-up store at Convol is the perfect way for

Antwerpen bruist van innovatief ondernemerstalent en is vandaag een

Antwerpen bruist van innovatief ondernemerstalent de stad al meer de stad Antwerpen bruist van innovatief ondernemerstalent en is vandaag een echte hotspot voor startups en groeibedrijven. Zo telt de stad al meer dan

ecine notspot voor startups en groeibedrijven die 500,000 euro kapitaal 350 startups, tientallen groeibedrijven die 500,000 euro kapitaal ophaalden, tal van incubatoren, acceleratoren en andere startup:

initiatieven.



Antwerpse StartUp Village moet vierhonderd jobs opleveren

Goedkoop huren voor startende ondernemers

jonge technologiebedrijven de kans geven om een goedkope start te nemen in een StartUp Village. Het bedrijvencentrum vindt onderdak in het vroegere onderwijshuis in de Lange Gasthuisstraat 29, vlak bij het centrum,





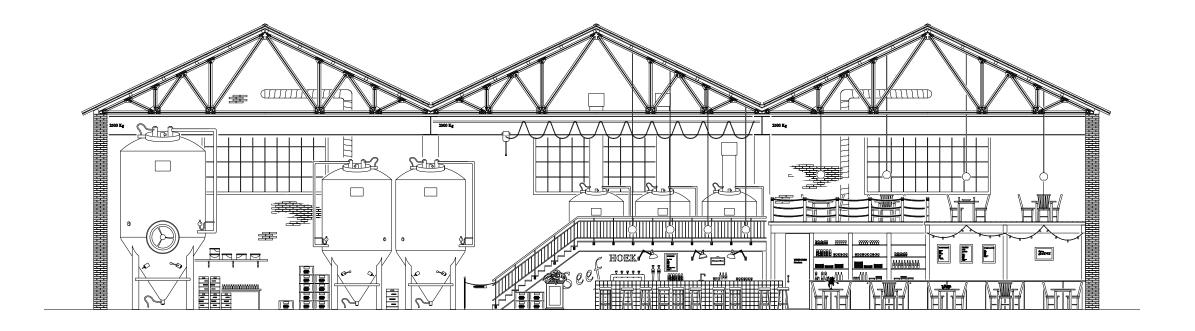


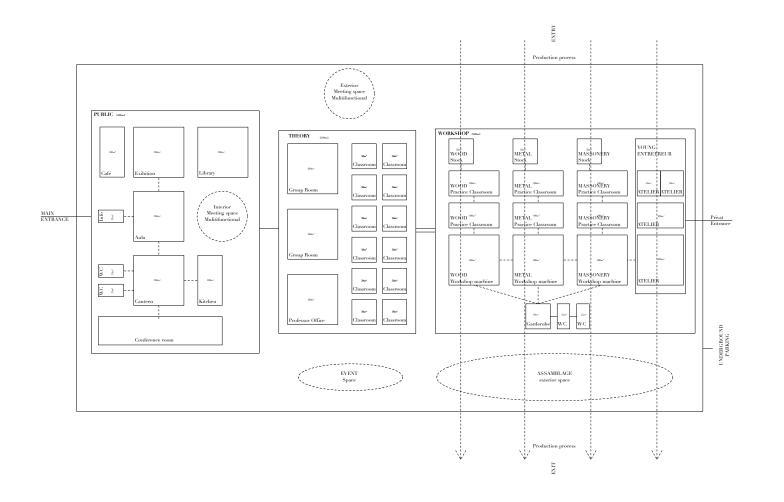


RDM Campus, Rotterdam



Kabelfabriek, Delft





CRAFT CENTER

 Public
 1'800 m²

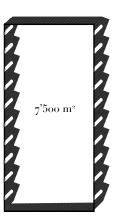
 Theoretical
 3'000 m²

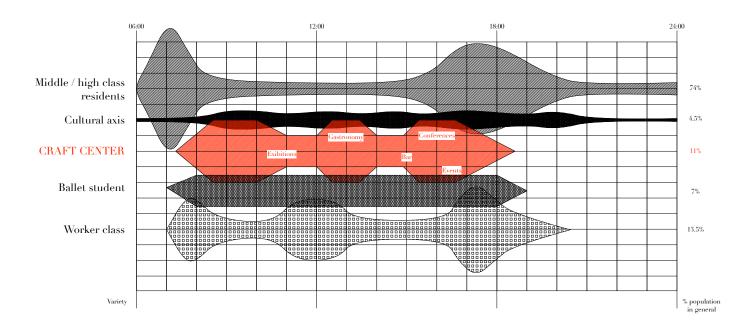
 Workshops
 4'000 m²

 Atelier
 1'500 m²

 Parking
 6'000 m²

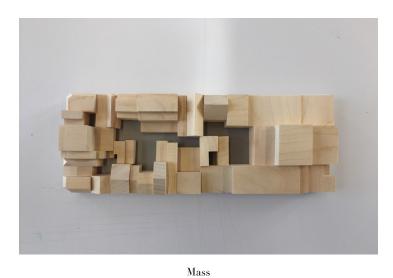
TOTAL 16'300 m²





Source : BKP/AR Stad Antwerpen



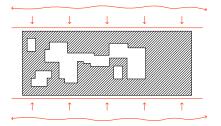


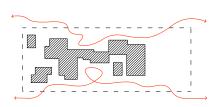
Barrier between Public and Private



Void

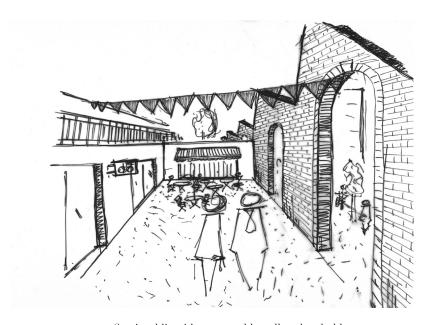
Blurred Private and Public spaces



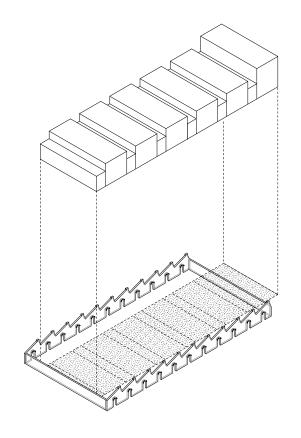


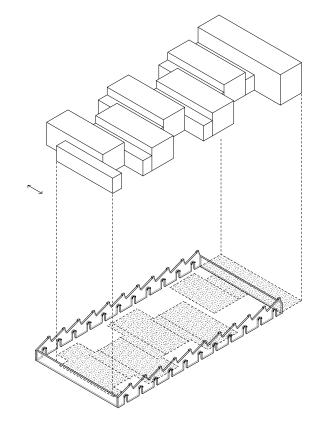


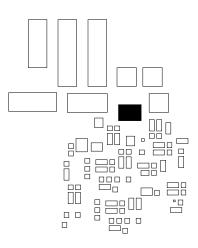
Fully private

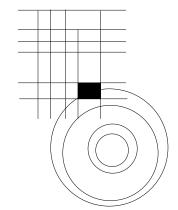


Semi-public with a permeable wall as threshold

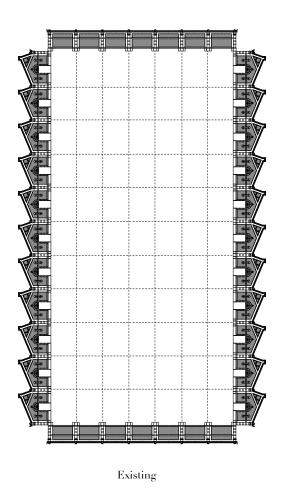


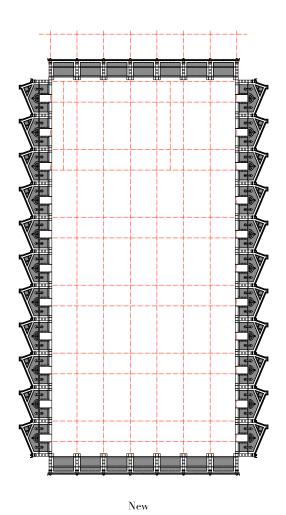


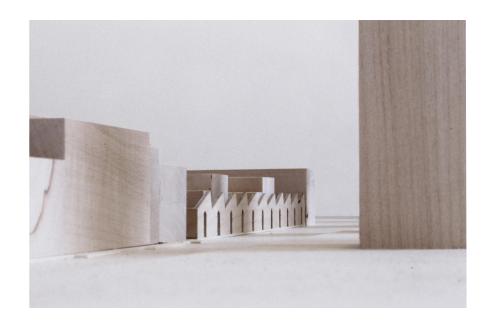




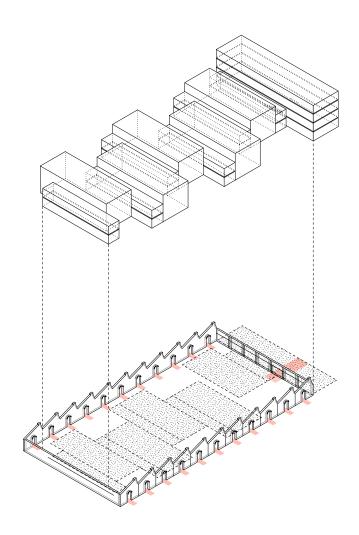
Volumetry



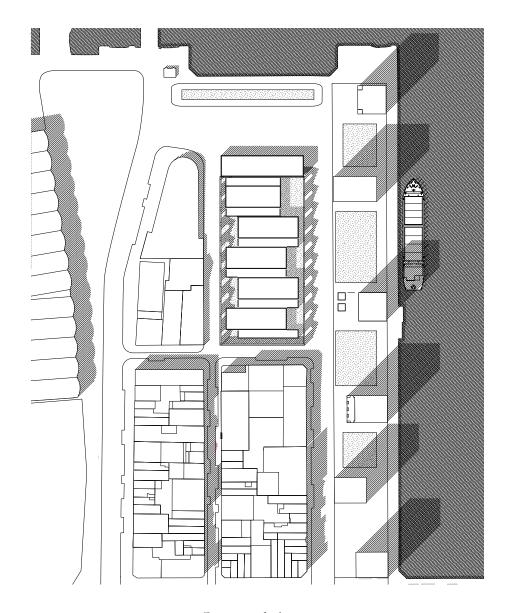


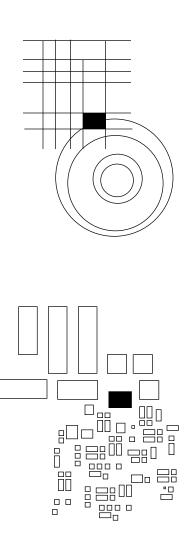






Relation between the existing walls and new volumes

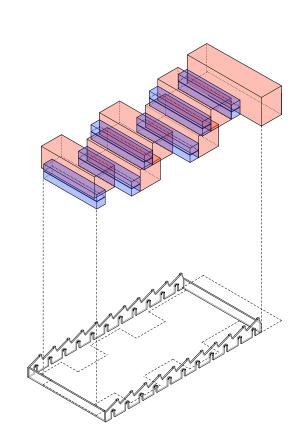


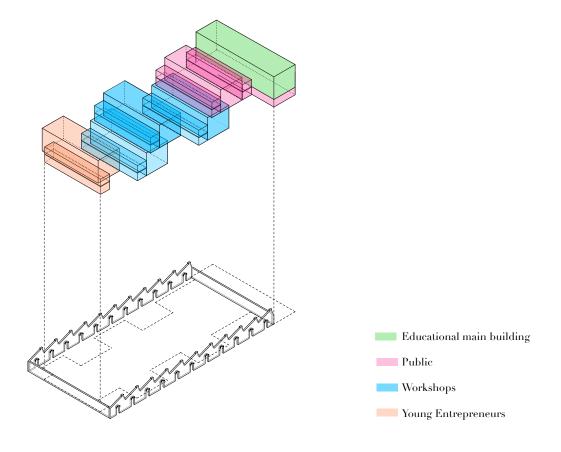


Context relations









Main functions

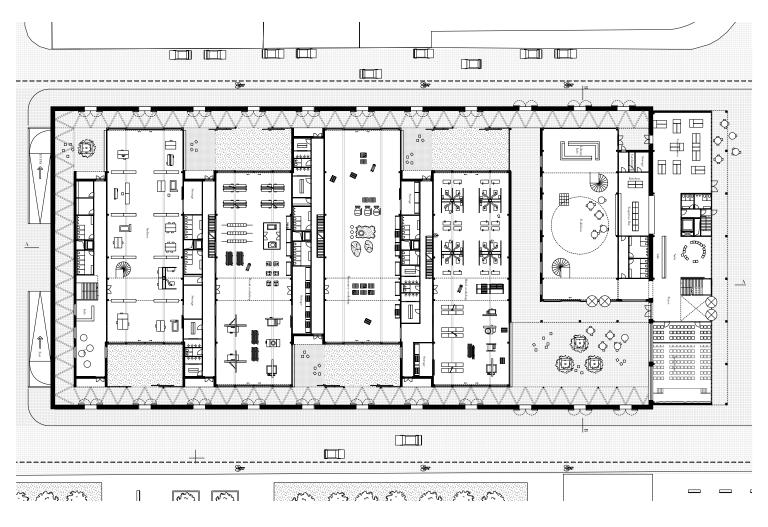
Service functions







Metal workshop Wood workshop Masonry workshop

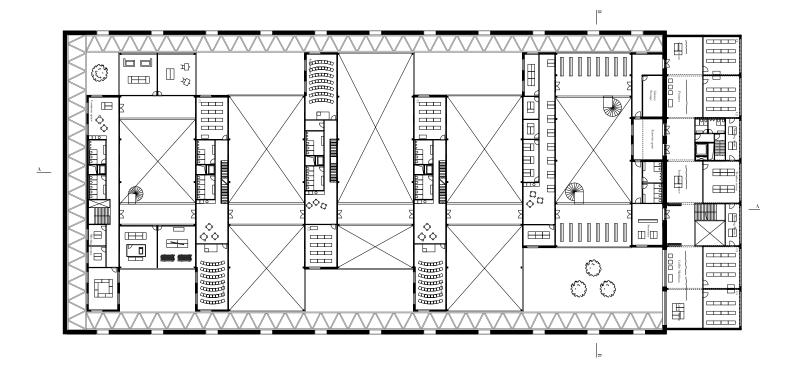


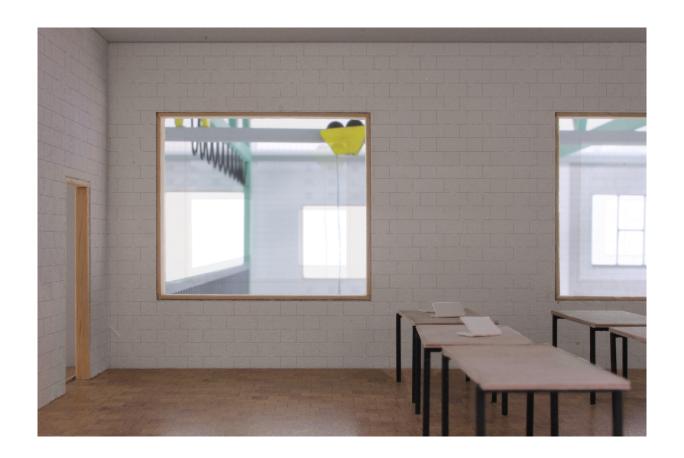
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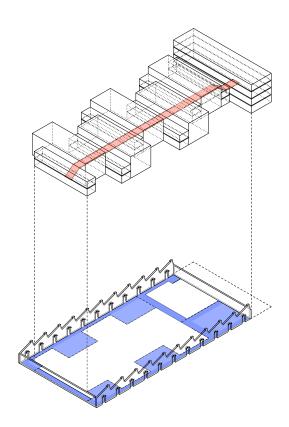
Floor plans



Workshops

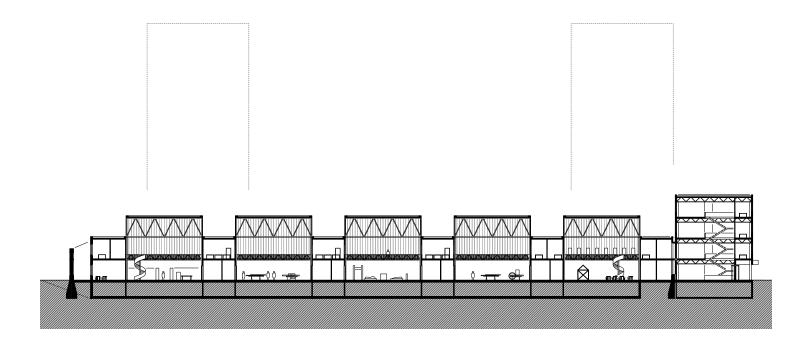


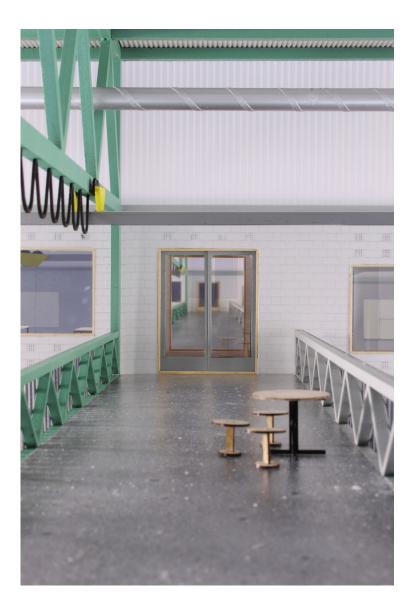




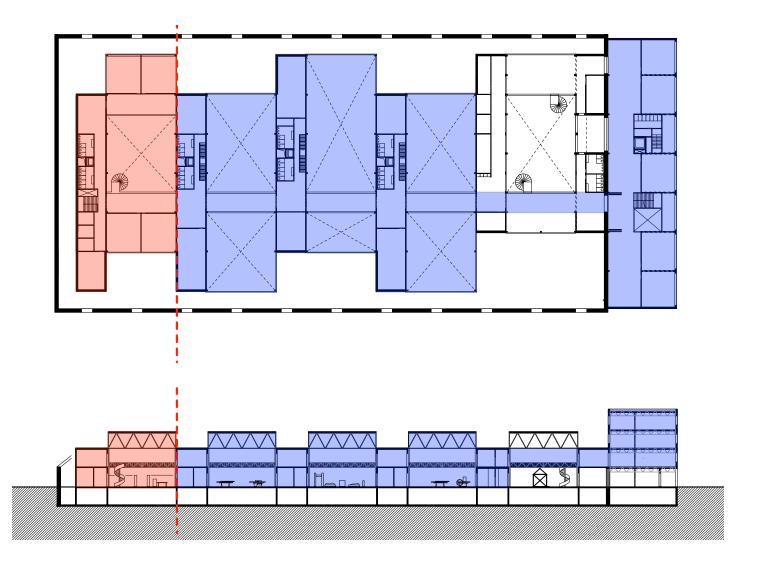
Internal circulation

External circulation



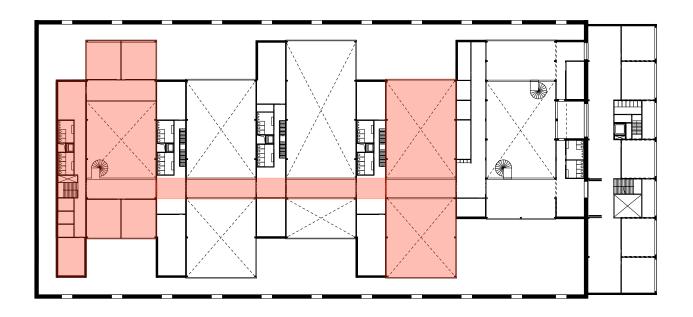


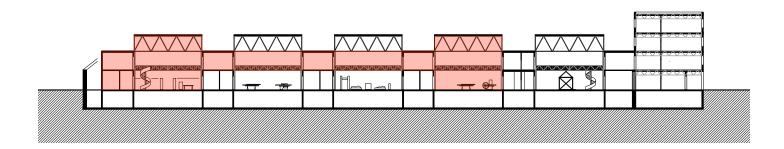
Passerelle, moment of interaction

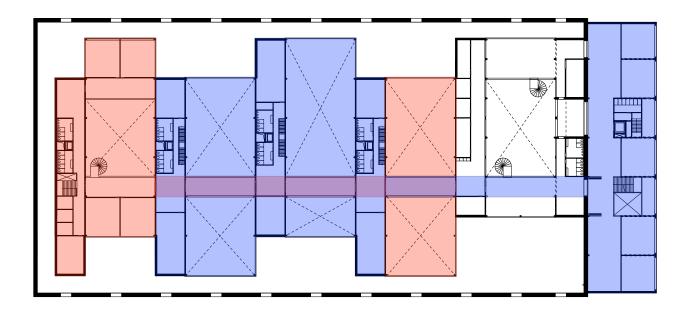


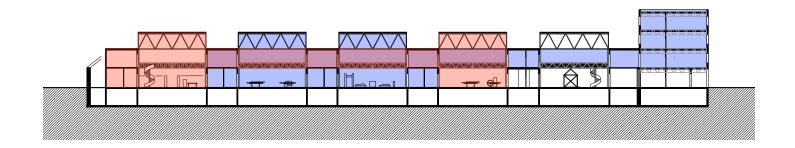
Young entrepreneurs

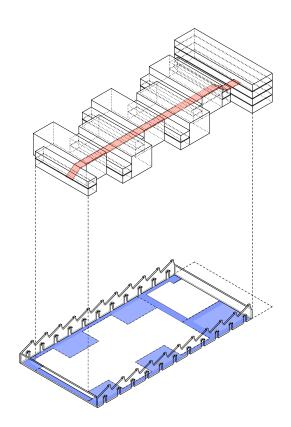
Craft school





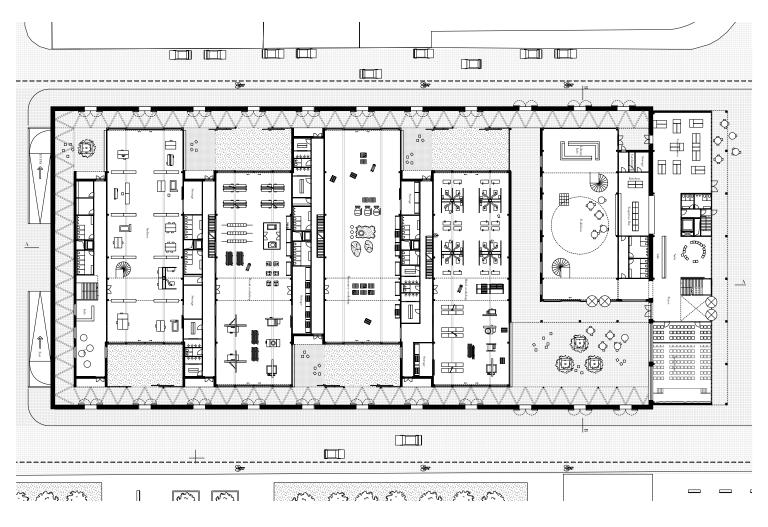






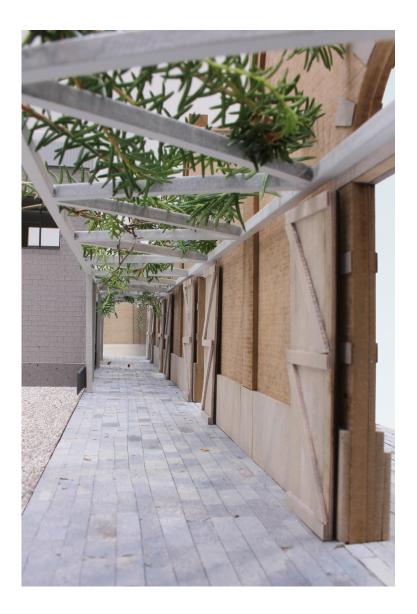
Internal circulation

External circulation

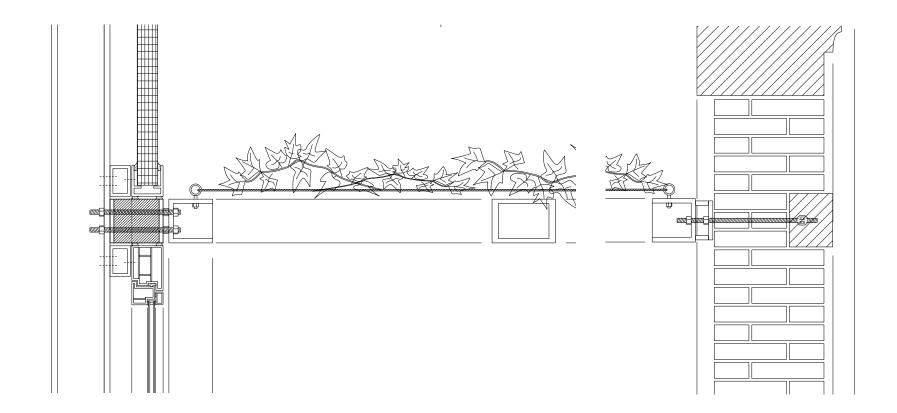


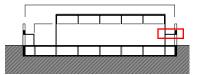
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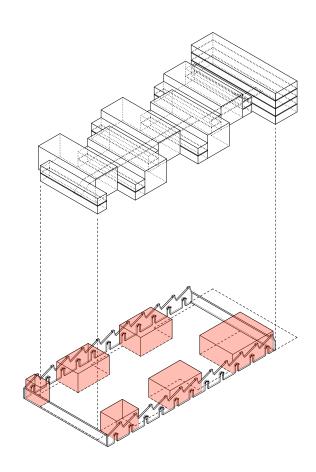
Floor plans



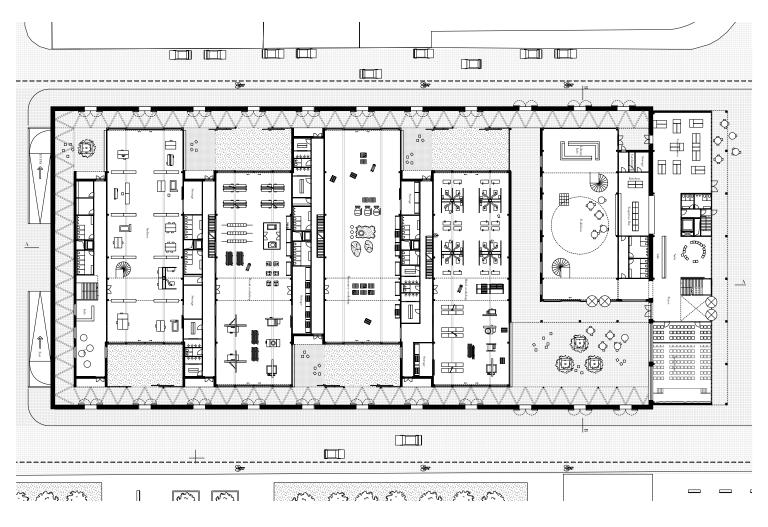
Arcade as threshold and structure for the historical wall





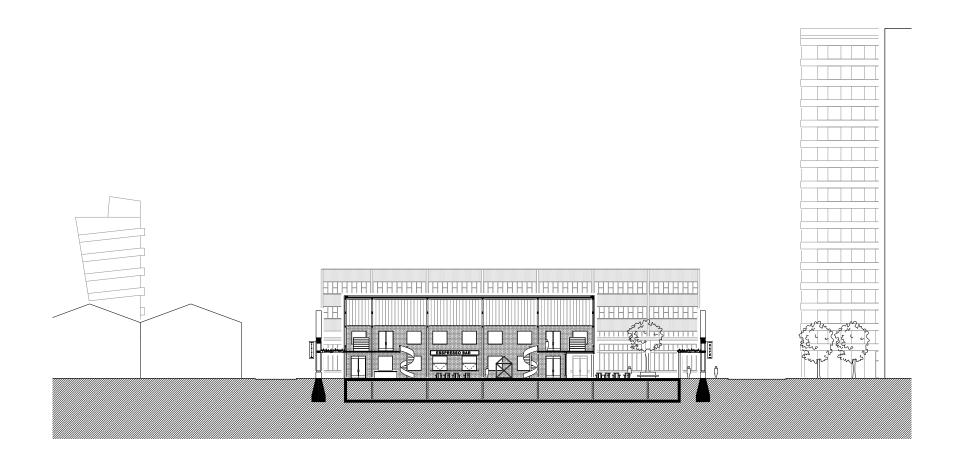


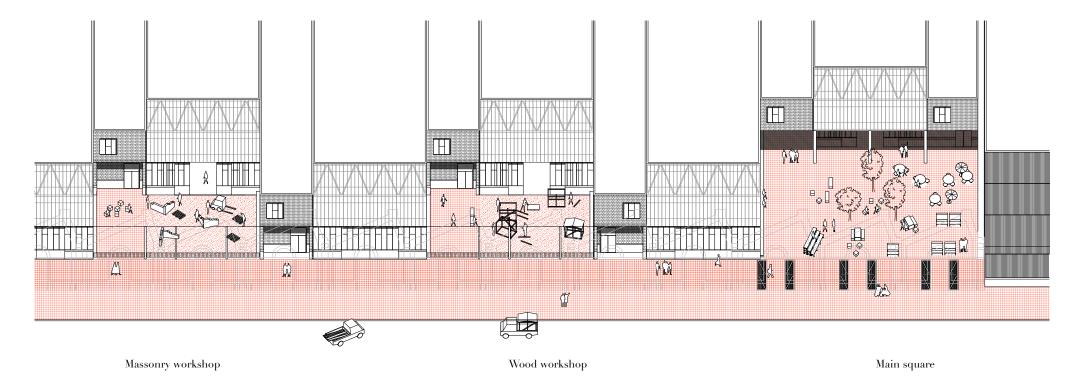
City Rooms



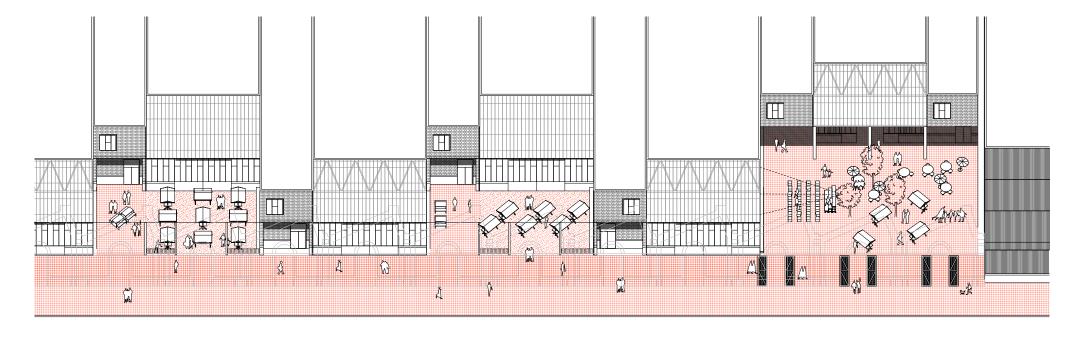
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Floor plans



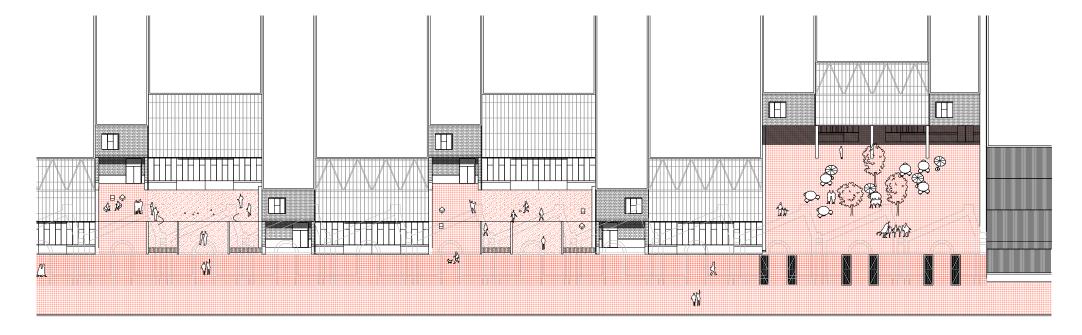


During week days



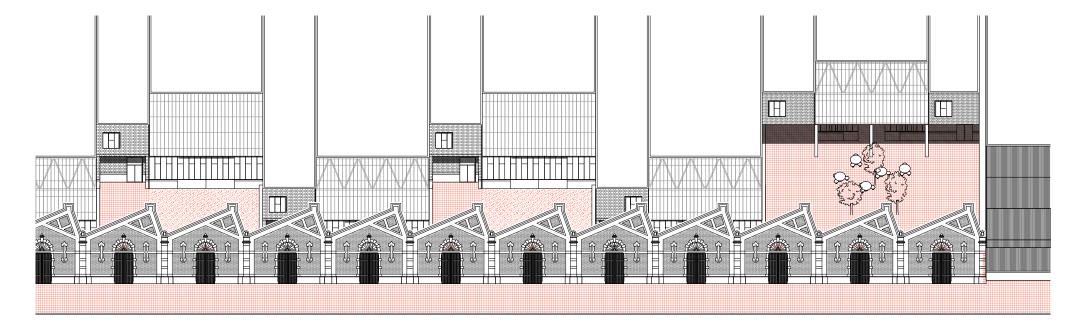
Massonry workshop Wood workshop Main square

On a saturday



Massonry workshop Wood workshop Main square

On a sunday



Massonry workshop Wood workshop Main square

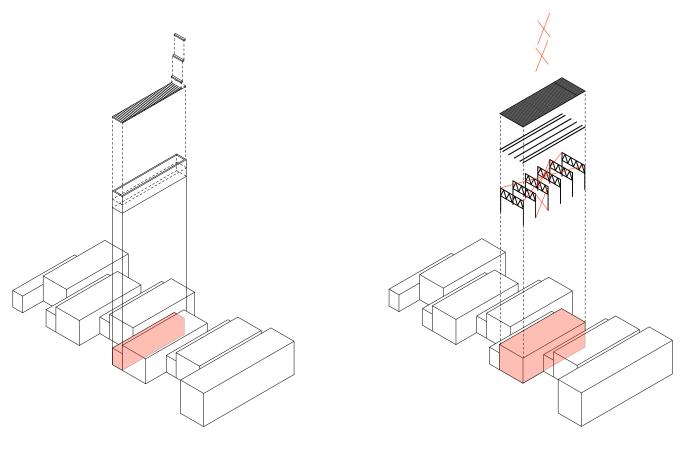
At night



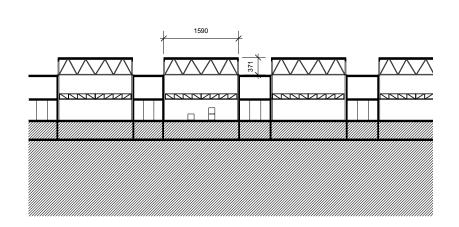


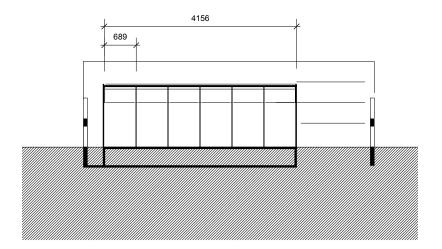
 $III \mid III$

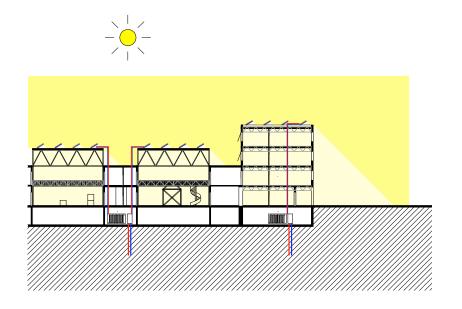
ARCHITECTURAL LANGUAGE

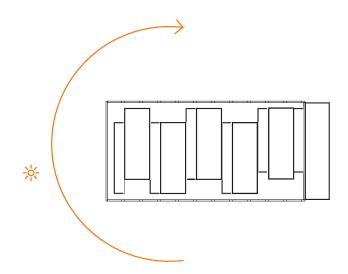


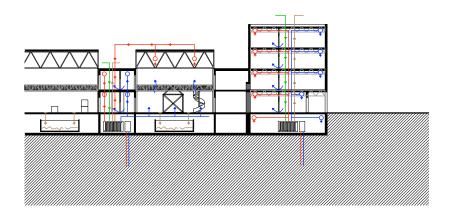
Brick structure Steel structure

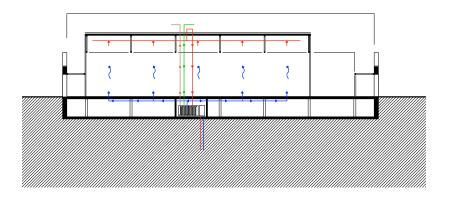


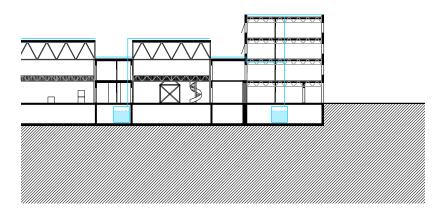


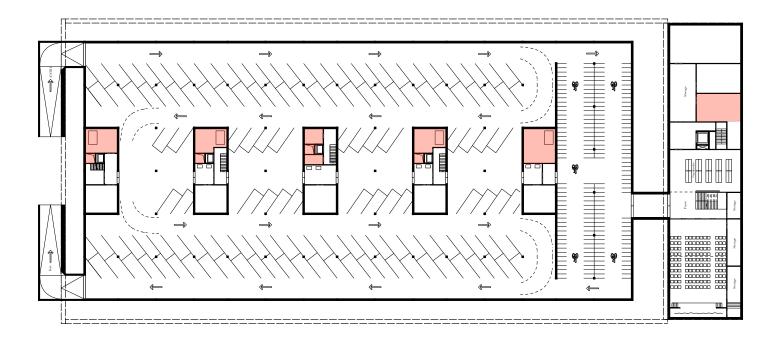


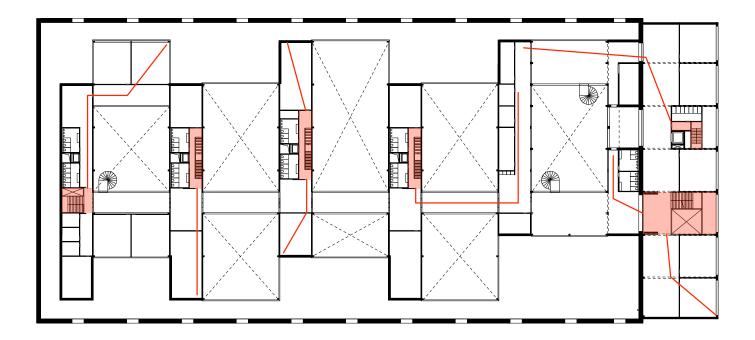


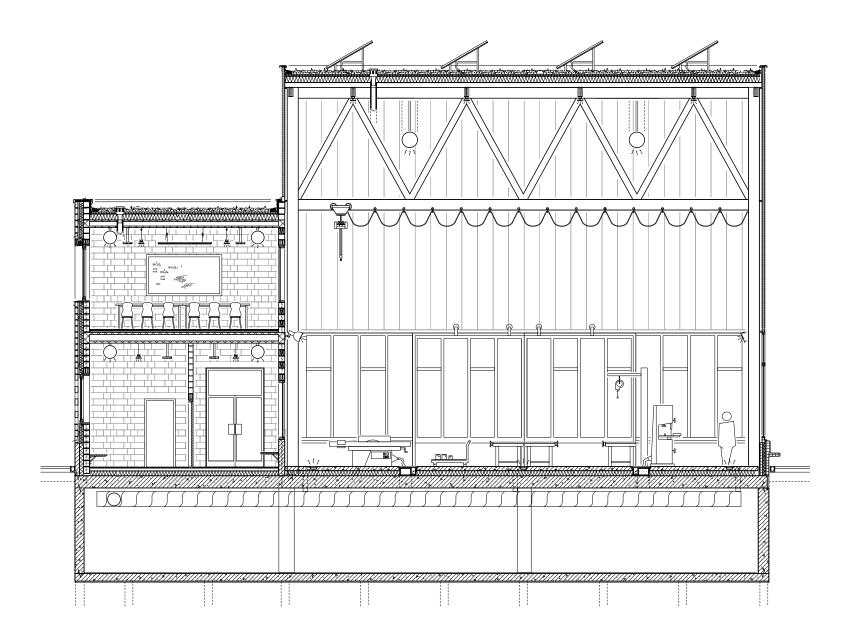




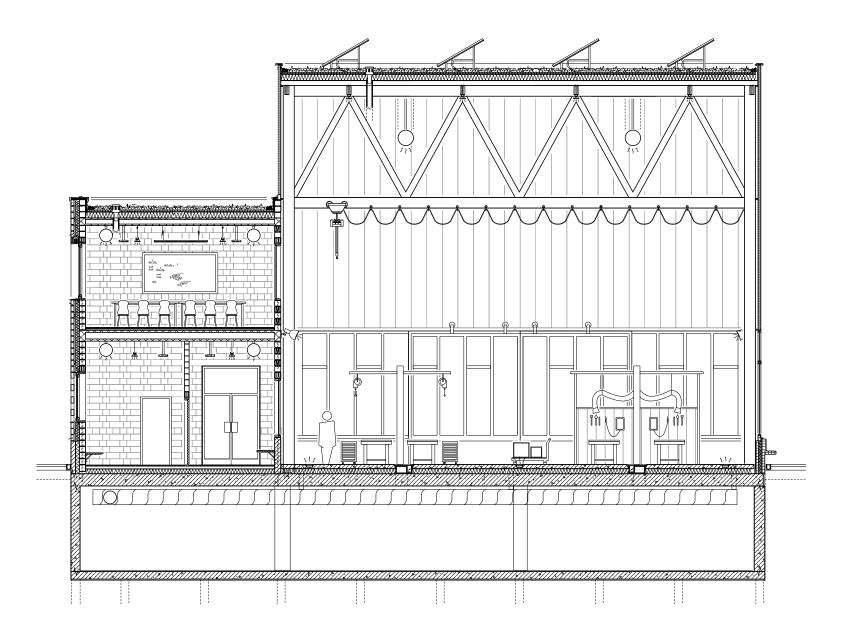




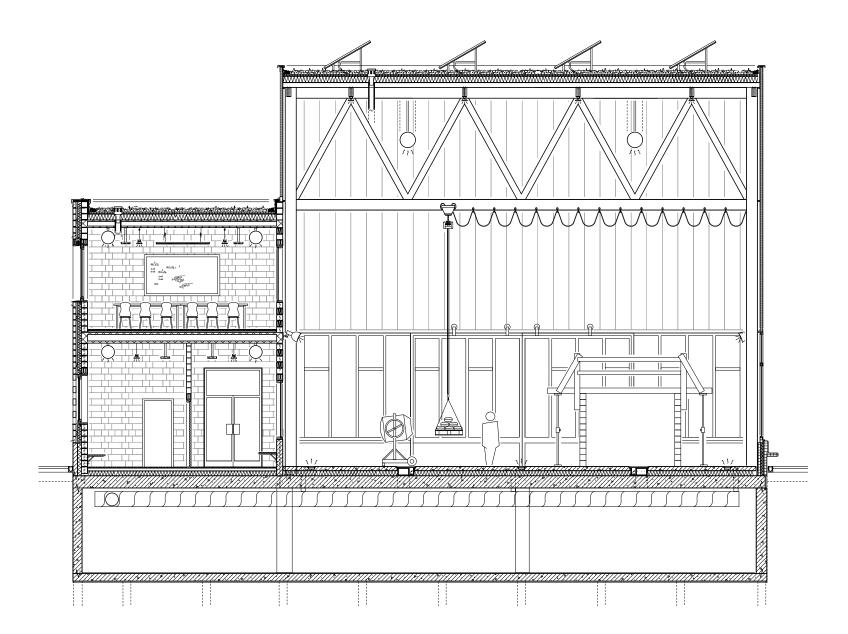




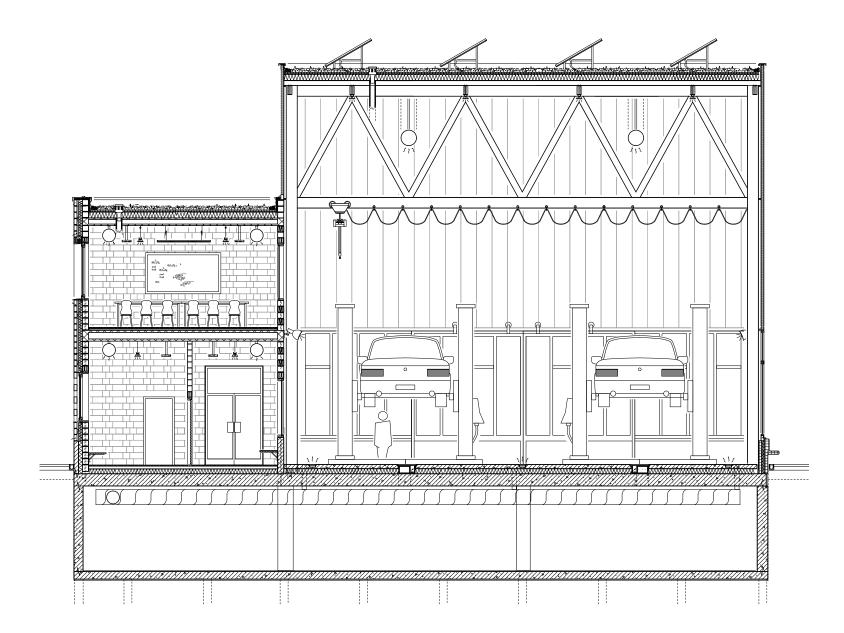
Structure, technique and flexibility



Structure, technique and flexibility



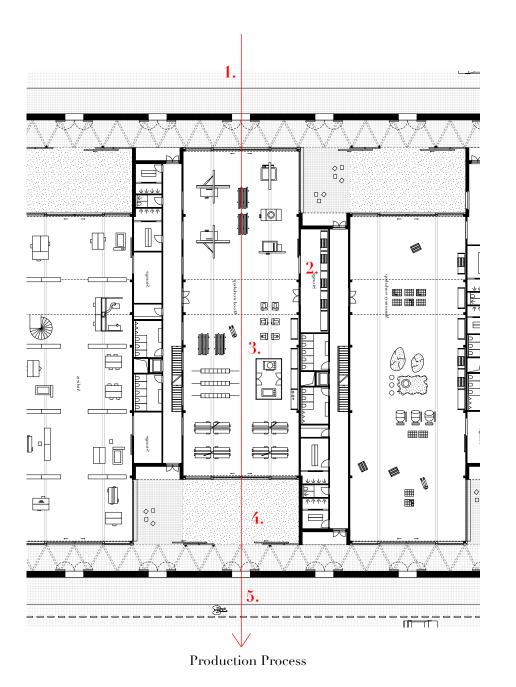
Structure, technique and flexibility



Structure, technique and flexibility



Workshops offer flexibility





Raw material entry



Storage



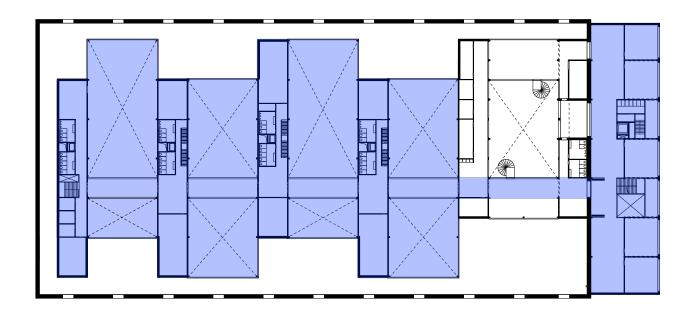
Processing

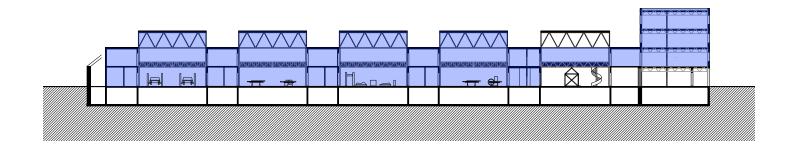


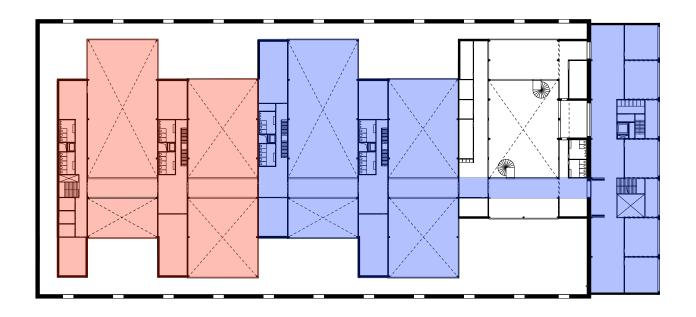
Assembling

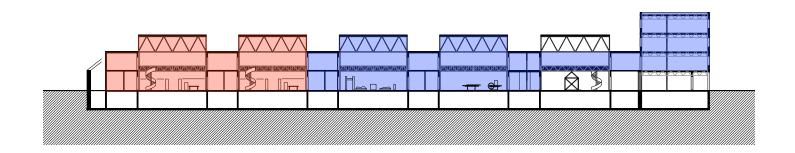


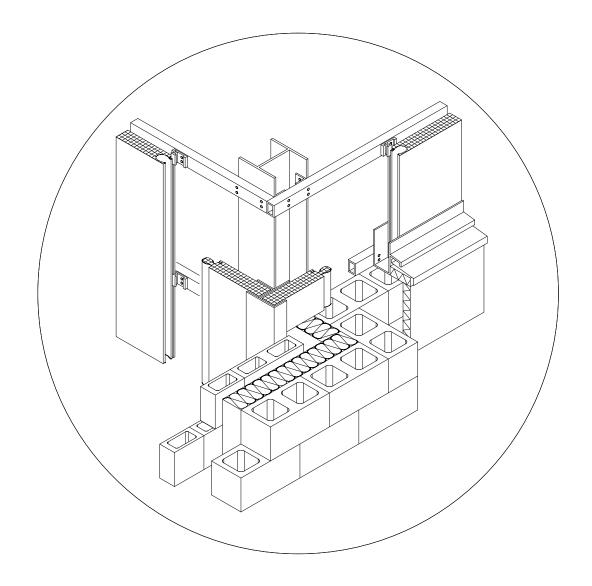
Final work exit



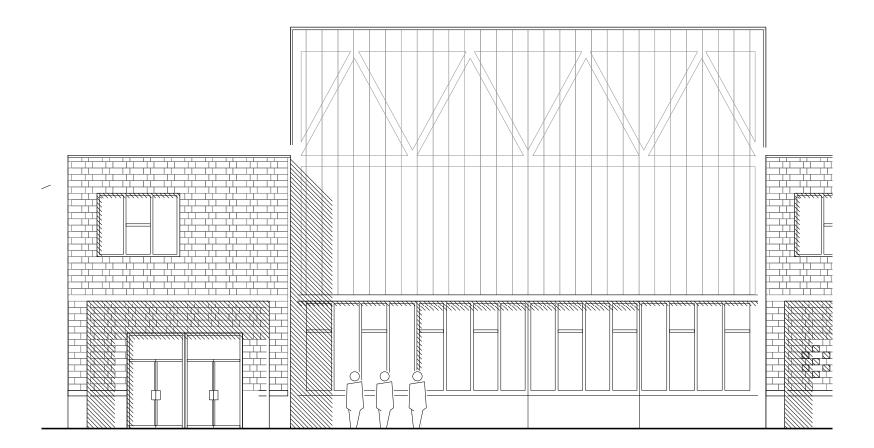








Key moment









Wood workshop



Exterior spaces

Materialization





Representation facade



