



SOFIA LOWE
PORTFOLIO

CONTACT INFORMATION

name	Sofia Lowe
cell	0054 911 2869 1196
e-mail	sofilowe@gmail.com

birth	August 15 th , 1993
address	635 Baez
city	Buenos Aires
country	Argentina



LANGUAGES

Spanish	mother tongue
English	fluent speaking and writing
French	intermediate speaking and writing

EDUCATION

march, 2017	Bachelor degree in Architecture, minor in Landscape Urbanism
2012 - 2017	Torcuato Di Tella University, School of Architecture and Urban Studies
1998 - 2011	St Catherine's Moorlands School, Argentina International Baccalaureate (IB) Bilingual Diploma: Spanish A1 HL, English B HL, French B SL, Social and Cultural Anthropolgy HL in English, Biology SL in Spanish, Mathematics SL in Spanish
2007 - 2011	Diplôme d'études en Langue Française DELF A1, A2, B1, B2. Ministère de l'éducation nationale de la jeunesse et de la vie associative, République Française
2009 - 2011	Creativity, Action and Service (CAS) . Calingasta, San Juan, Argentina . Juanito Foundation, Bs. As., Argentina . Pensioners' Home, Bs. As., Argentina
july, 2010	InThinking Critical Thinking Course at Atlantic College, Wales, UK
august, 2010	Cours Indépendant B1 de Français en el Collège International de Cannes, Institute Supérieur de Langue et Civilisation Française, Cannes, Francia
2002 - 2010	International Schools Association (ISA) exams

SKILLS

Archicad
AutoCAD
Adobe InDesign
Adobe Illustrator
Adobe Photoshop + Camera Raw
Microsoft Project
Microsoft Office
Rhinoceros + V-Ray
Sketch Up
Twinmotion

ARCHITECTURAL COMPETITIONS

july, 2020	Pasta Gala, Lab and office building
august, 2017	Aalborg University, Science and Innovation Hub
may, 2019	Woodward's Not a Black Box

WORKSHOPS

august, 2015	Josep Ferrando
august, 2014	Pablo Eiroa
august, 2013	Paul Andersen
august, 2012	Sir Peter Cook

INTERESTS

photography <https://www.flickr.com/photos/125588720@N07/>
hiking + cycling
guitar playing
exploring natural sceneries

WORK EXPERIENCE

june 2019 -
present

Ritcher Dahl Rocha Architectes, Argentina

"Square One", a 75,000 m² office building complex in Prilly, Switzerland. Commissioned by SICPA, a security printing industry. Project designed entirely in Archicad's teamwork, both in Lausanne's and Buenos Aires' RDR headquarters.

Participation in the design development and contract documents:

- . 3D modelling and rendering with Twinmotion
- . project presentation to clients
- . design of architecture plans
- . constructive details (an important part of the design process as high-end technology and materials are used)
- . project coordination with swiss co-workers and consultants
- . BIM workflow (generation of lists, data extraction)

"Le Closalet", future neighborhood in Epalinges, Switzerland.

- . image production for community presentation and project approval

"Pasta Gala", office / lab building competition in Morges, Switzerland.

- . design development
- . project coordination with swiss co-workers

june 2019
- october 2019

Alemaný + Feijóo Arquitectura, freelance

"Inn Apartments", hotel in Spain. Participation in the design development:

- . 3D recreation of cafeteria
- . contract documentation

"Oficines Plaça Espanya", office building in Barcelona, Spain. Participation in the design development:

- . restoration project plans

march 2018
- april 2019

Zas Lavarello & Asociados Arquitectos, Argentina

"Liberti - Arts district", apartment building in La Boca neighborhood, Buenos Aires. Participation in the design development and contract documents:

- . 3D modelling
- . project presentation layout to clients
- . design of architecture plans

- . structural and electrical preliminary plans
- . constructive details

october, 2018

Conference about experience in sustainable city at Torcuato Di Tella University, Argentina

Exposition about personal experience in Copenhagen, Denmark:

- . sustainable lifestyle in Copenhagen
- . circular economy
- . comparison between recycling and upcycling processes
- . upcycling application on architectural examples

august 2017
- january 2018

Lendager Group, Denmark

Internship

- . participation in *Wasteland* exhibition | 4.08.2017: exhibition of upcycled material, explaining process into circular economy
- . participation in Science and Innovation Hub competition for Aalborg University, Denmark. Joint collaboration with AART Architects
- . study of proposals for "Spisehus" project; an upcycled restaurant made for the community in Valby, Copenhagen
- . collaboration in Hotel Guldsmiden's design development and its urban context in Aarhus, Denmark

january 2016
- february 2016

Alric-Galíndez Arquitectos, Argentina

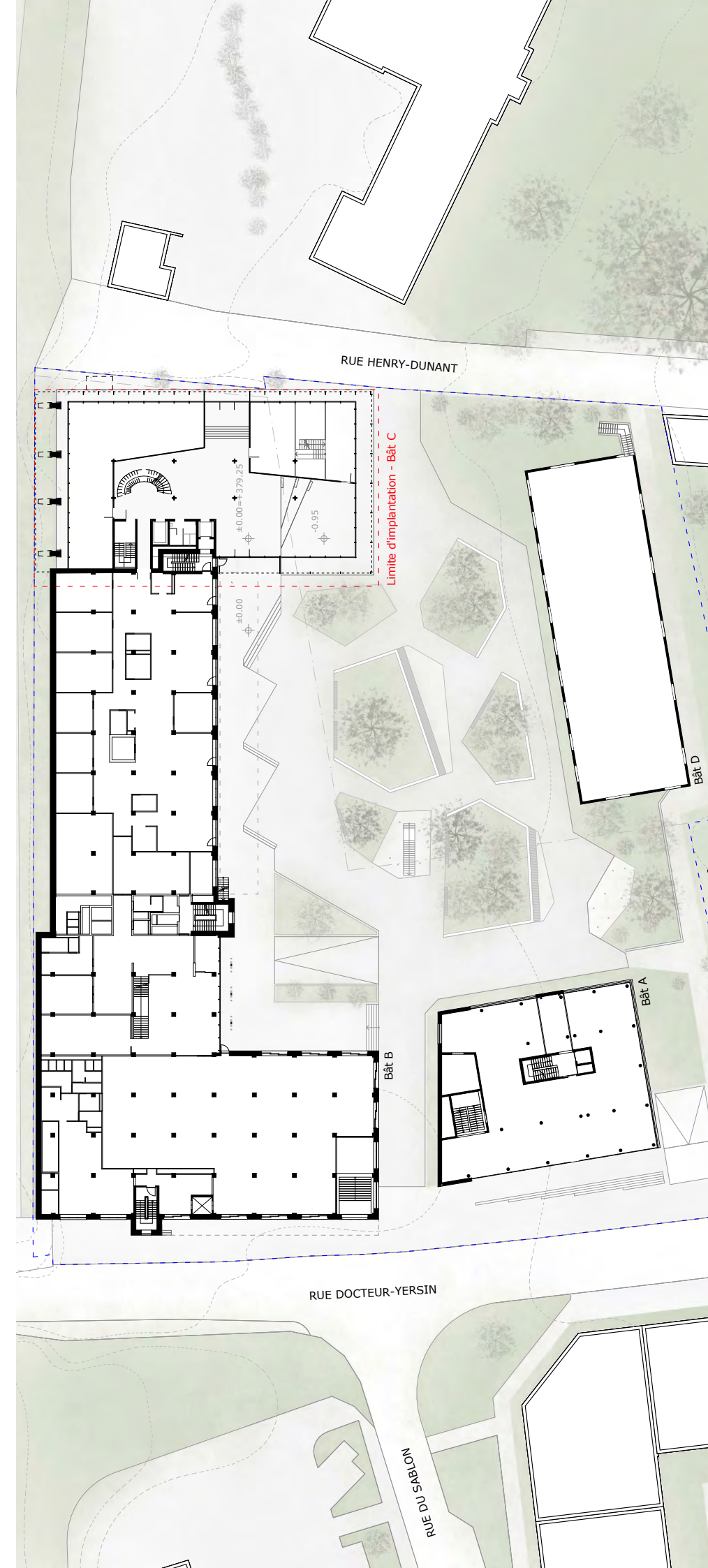
Internship

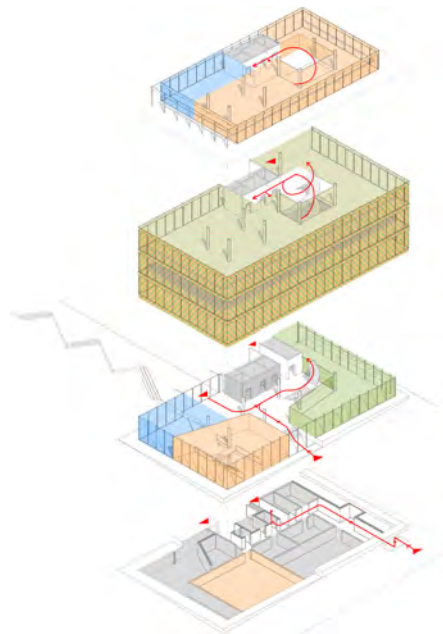
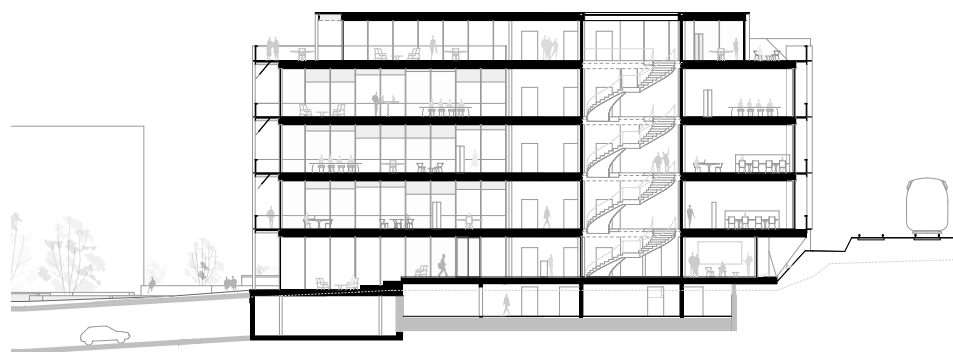
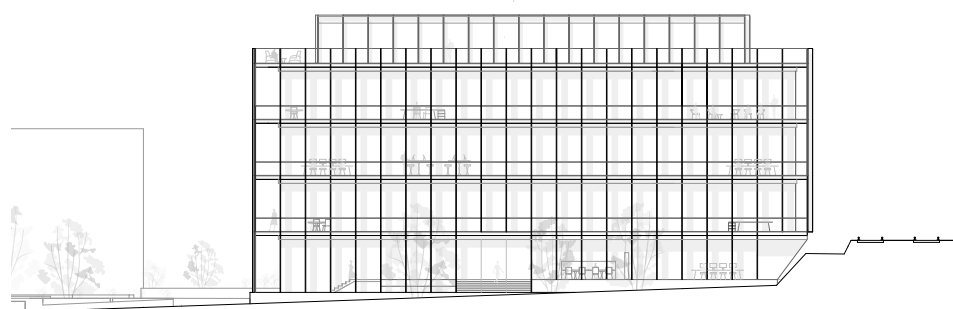
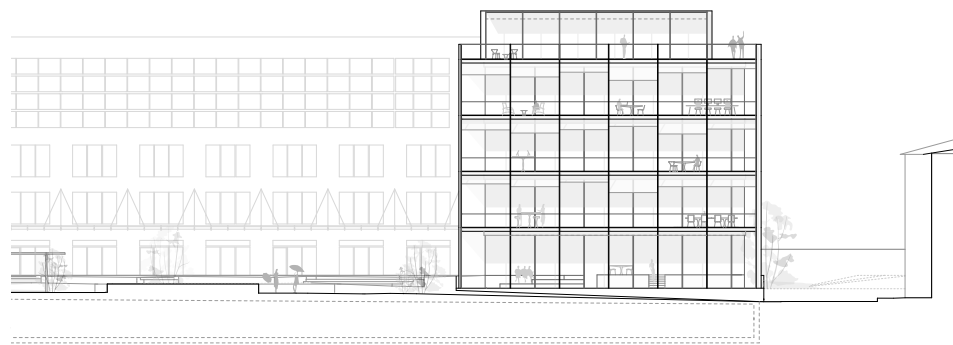
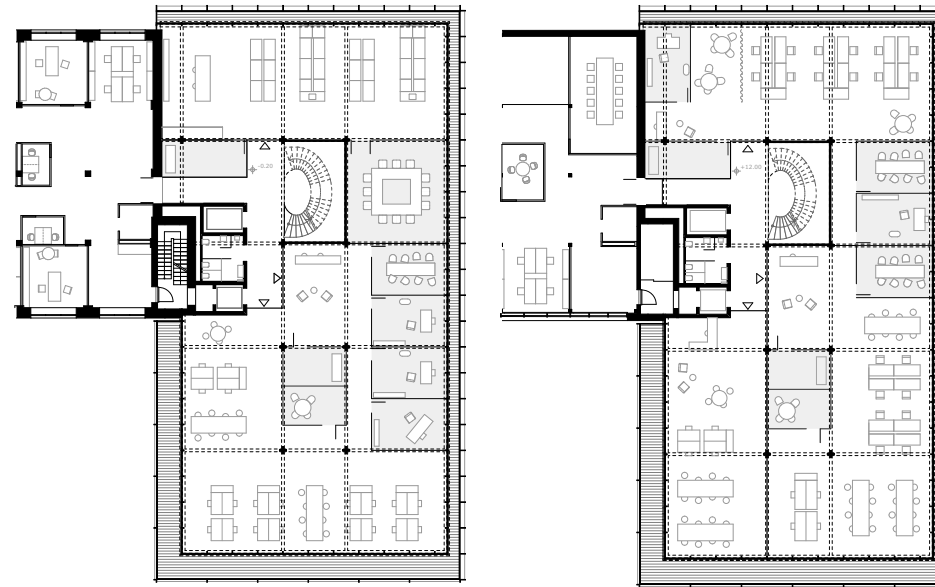
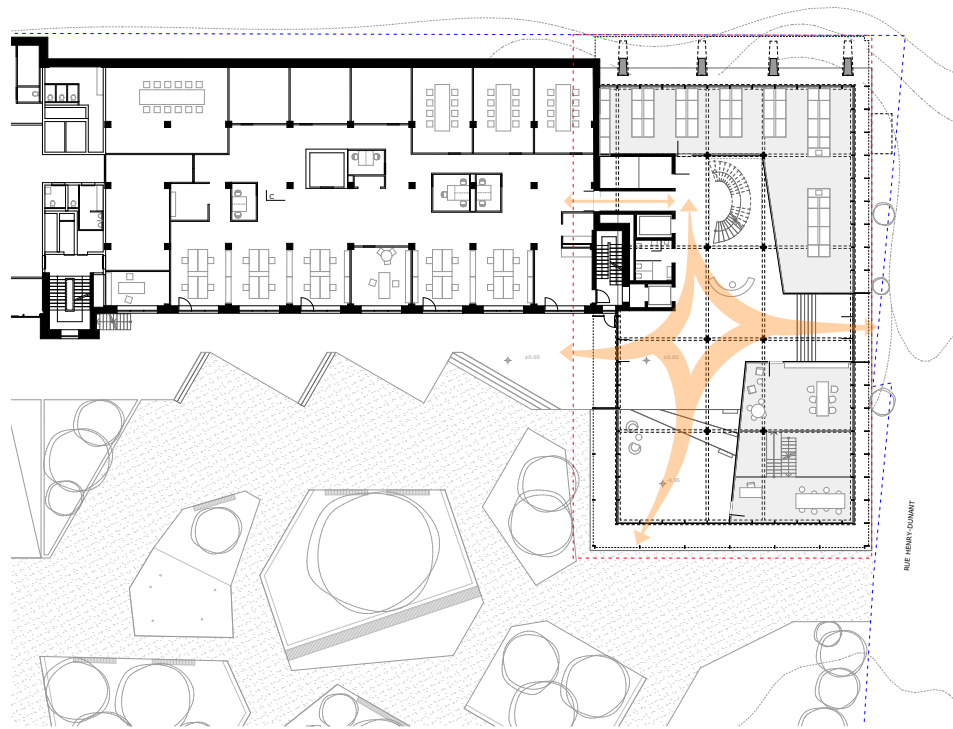
- . model making, plan editing
- . design and translation of project presentation book for clients

O X Y M O R O N
PASTA GALA LAB AND OFFICE BUILDING

P R O J E C T D E S I G N
professional experience

SOFIA LOWE





location Morges, Switzerland

typology lab and office building

description *Pasta Gala's* presentation was based on a historical pasta factory which underwent several functional changes throughout time. Apart from an administrative building on one side, the factory still has the remains of a storage silo on the other. The site changed owners and the factory will be refurbished as an office building.

On this competition, the remains of the storage had to be designed as a lab and office building. The refurbished factory had to be connected to the new building, and the structure needed to enable flexibility for an open plan situation. Each level had to be able to receive from one to three enterprises.

The site of the future building is limited by train tracks on the North side, an abandoned hospital by the East and the factory to be refurbished on the West. Though the view from the existing building needs to be preserved, privacy from the hospital and train tracks are important objectives for the project. In this way, the façade plays with the rythm of the structure and the use of blinds.

Accesibility and transparency were key points when designing the ground floor. The geometry of the existing plaza was considered and translated to the entrance hall in order to keep the same visual language. Floor-to-ceiling windows allowed an exterior-interior relationship to be easily read. Moreover, these helped to incorporate access points from different sides of the building.

skills Archicad

year 2020

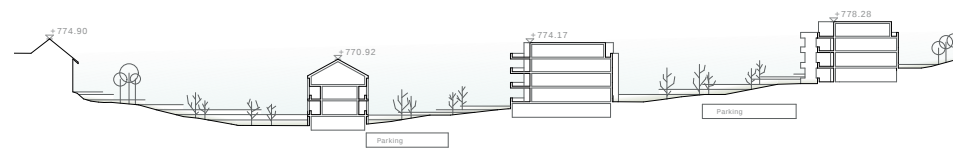
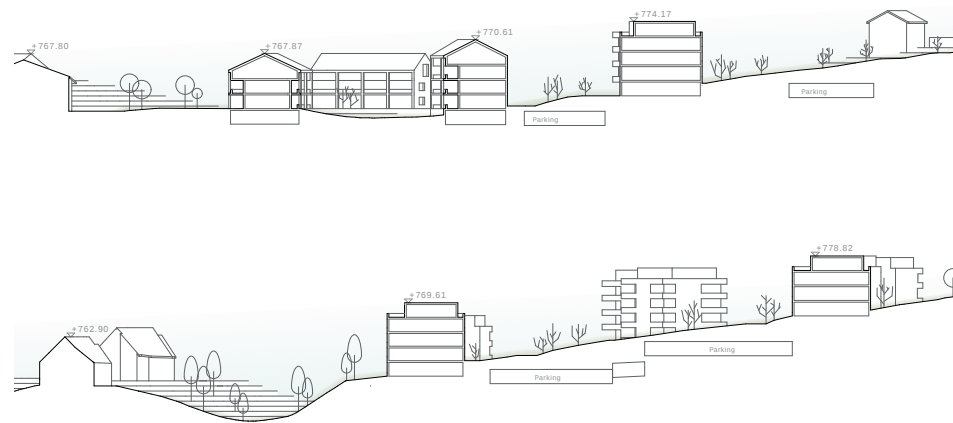
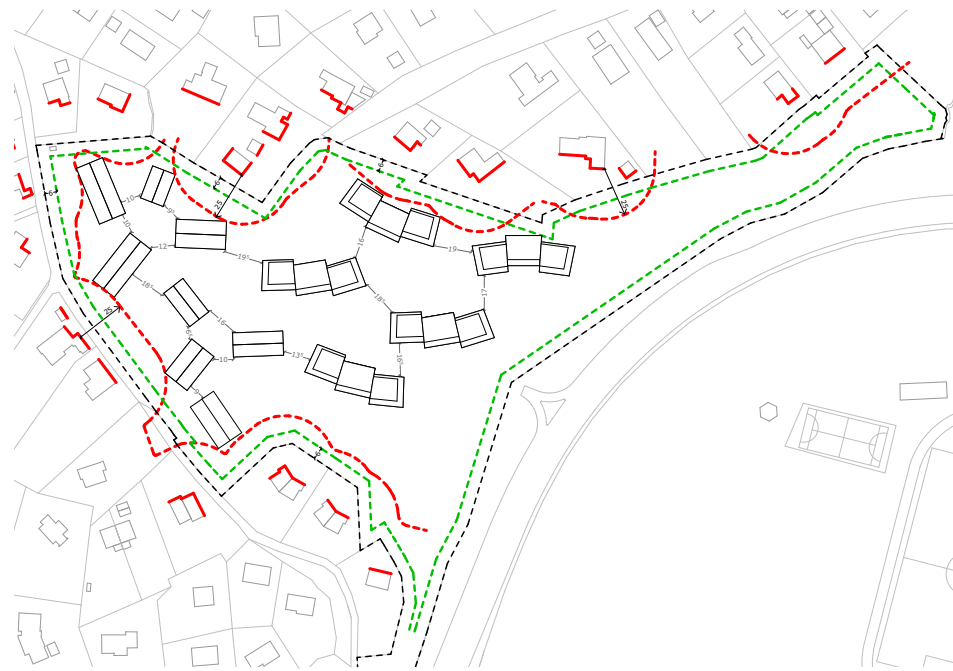
LE CLOSALET

COMMUNITY INTERESTS

PROJECT VISUALIZATION
professional experience

SOFIA LOWE





location Épalinges, Switzerland

typology neighborhood planning

description A new project for the Épalinges community is designed, considering the needs of the residents and the way they can integrate with visitors of the area.

Le Closalet nouveau is part of the vision of sustainable development promoted by the Municipality of Épalinges, *Cité de l'Energie*. The plan demands standards, not only for construction and energy, but also for the practical and social organization of the neighborhood: the enhancement of the site, systematic integration into the landscape and careful attention to housing, public spaces and mobility.

Considering the surroundings, the new lodgements do not exceed the four-story height and preserve the two-sided rooftops. Also, distances between buildings are taken into consideration so as not to obstruct anyone's view and to respect each other's privacy.

Public spaces and nature perform a main role in this project. Distributed in the area, there are vegetable gardens available for people from the community to cultivate their own food and learn from each other through the process. There is a botanical garden people can visit walking through diverse pathways, transitioning between houses and public areas. Besides, the amount of trees and natural sceneries help avoid noise contamination and air pollution.

In terms of urban planning, these characteristics are essential to approach a mentally and physically healthier community.

skills Archicad + Photoshop

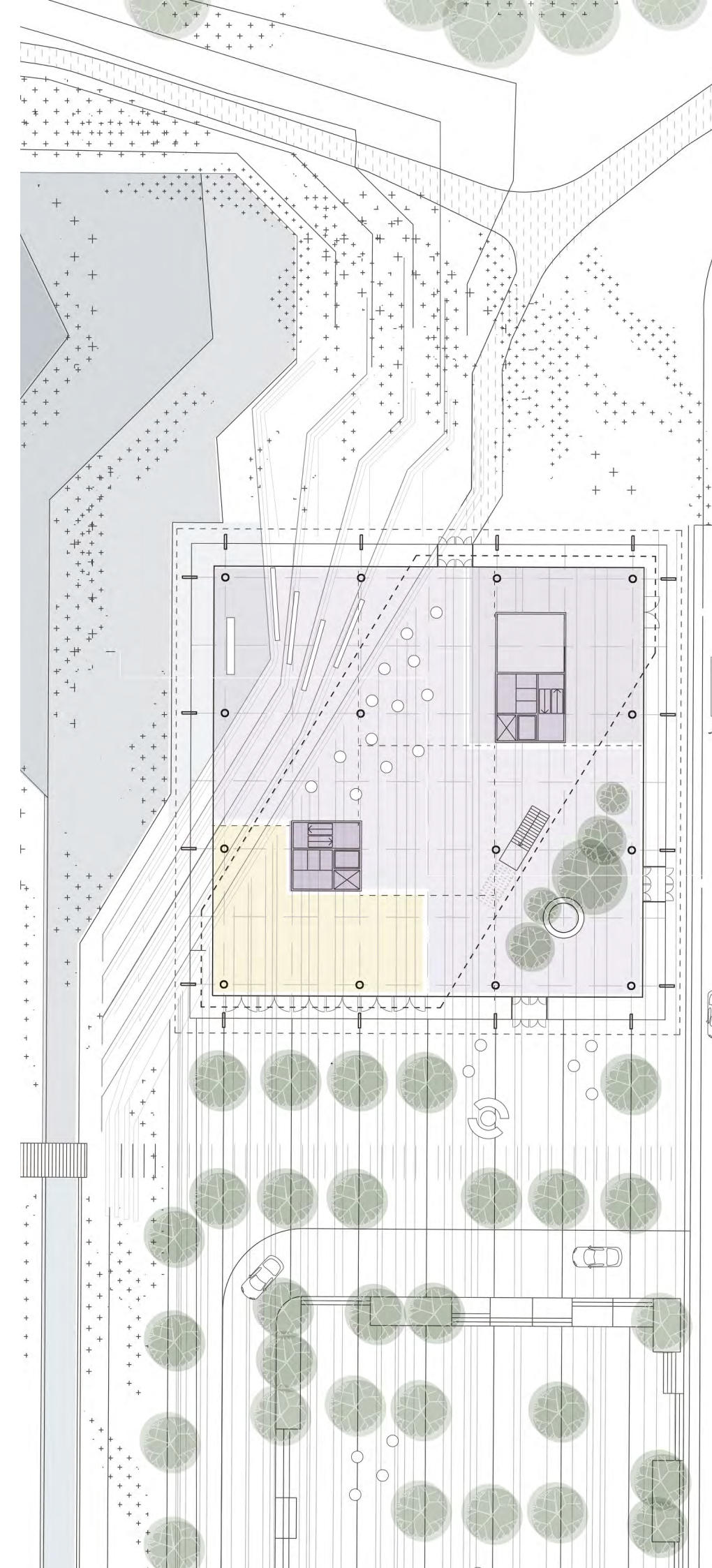
year 2019

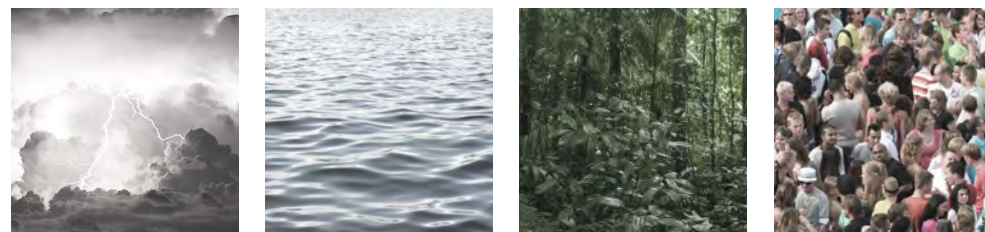
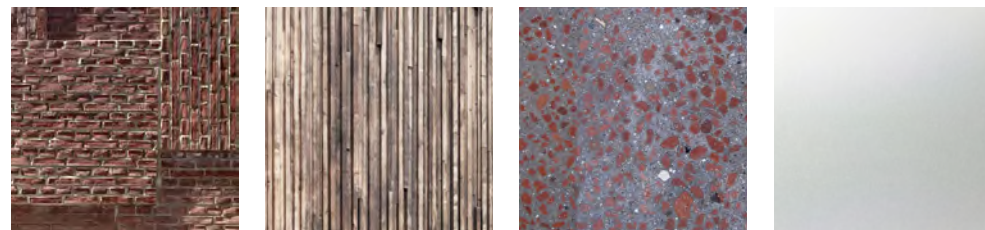
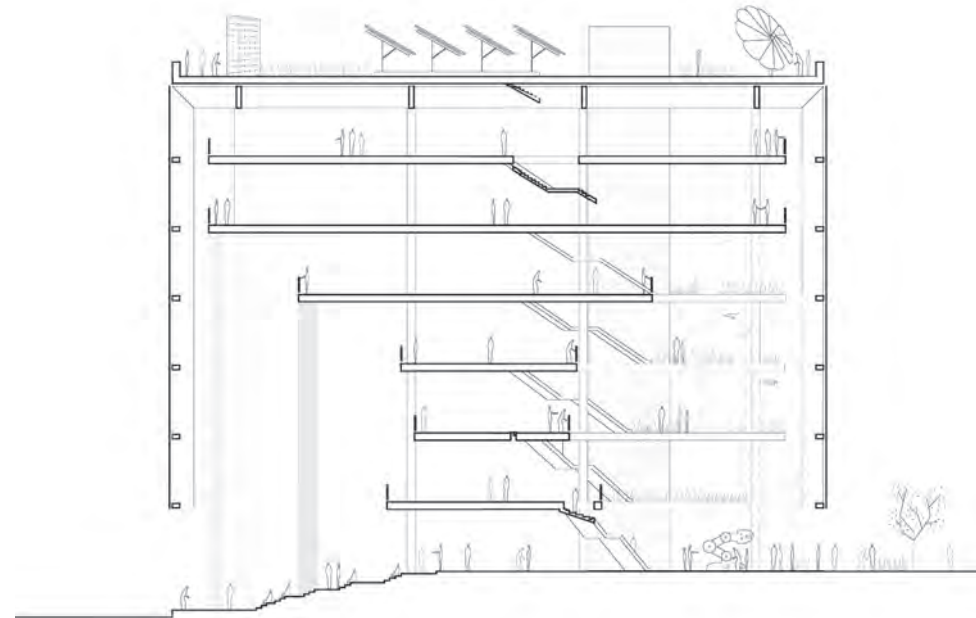
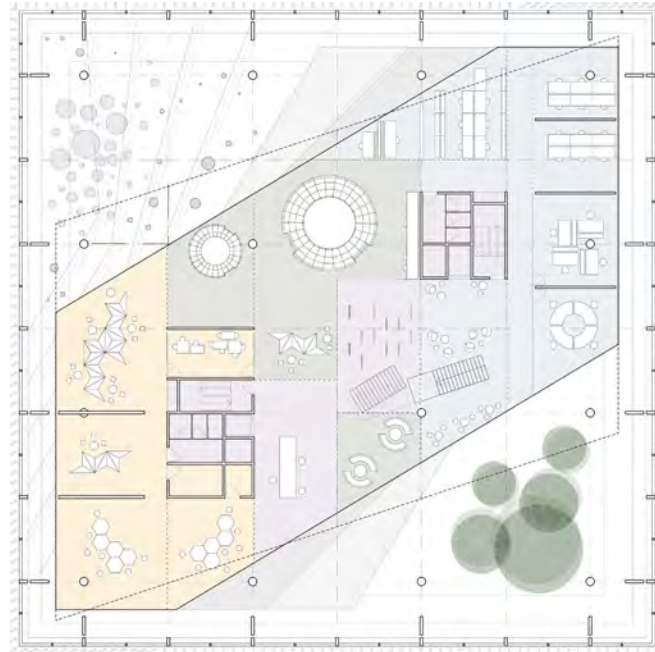
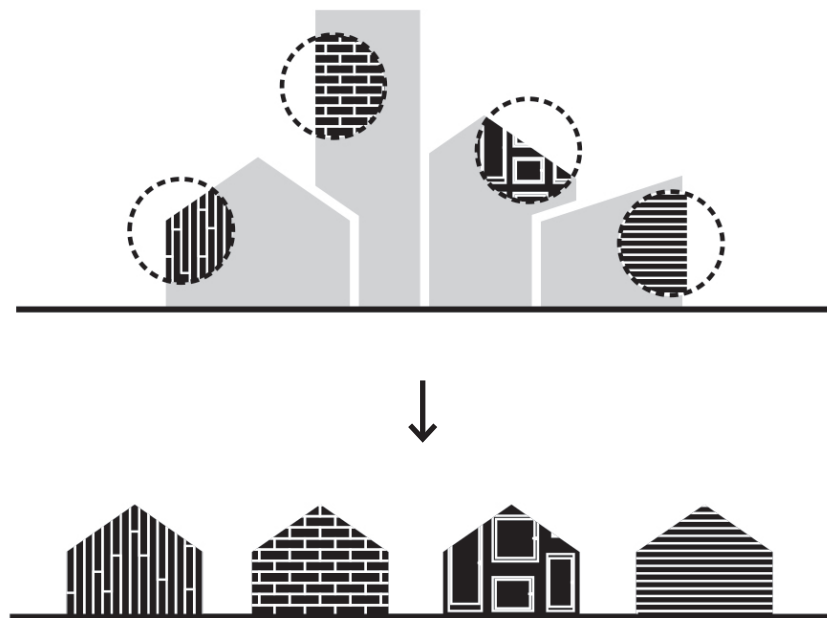
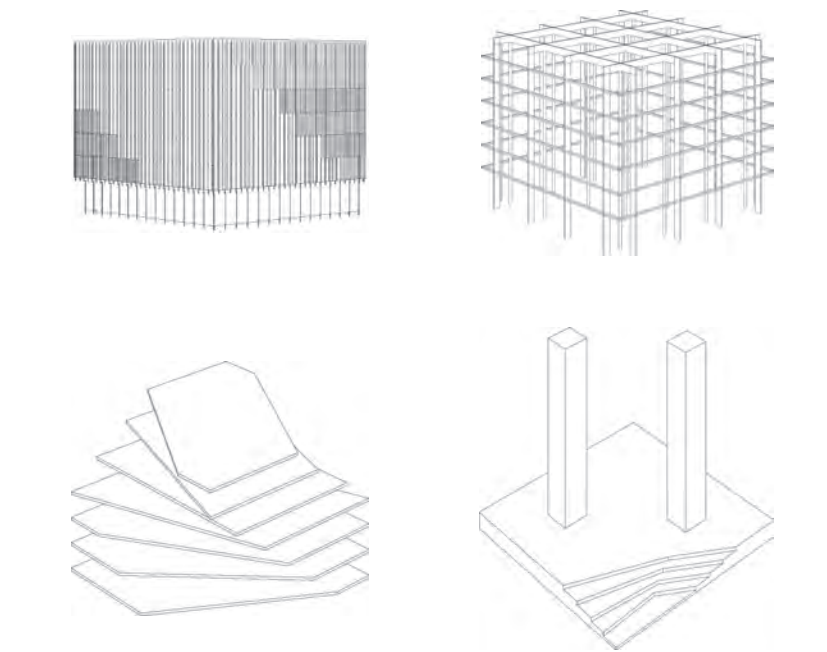
M O N T R E

A SHOWCASE OF OPPORTUNITIES

C O N T E X T U P C Y C L I N G
professional experience

SOFIA LOWE





location Aalborg, Jutland, Denmark

typology science and innovation hub

description Aalborg University (AAU) presented a competition to develop a science and innovation hub, where students and professors from the different faculties are brought together to work on their projects. A creative environment is pursued, supporting the university's belief in a place where today's societal issues – the Great Challenges – are shaped into the opportunities of tomorrow. The objective is therefore to create a showcase of opportunities, where AAU's strengths are to serve as inspiration for the world and interact with the existing campus.

The University is organized in five scientific faculties (Humanities, IT and design, Engineering, Medicine, and Social Sciences), and the aim is to express their interdisciplinarity. The project works with five sustainable themes, which lead the development of the project: materials, energy, water, biodiversity and social. This is communicated by placing several of the central functions by the façade, with its seven floors tied together by the building's five main elements: the ground floor; the hall, the cores, the lake room and the rooftop. Each main element with its own sustainable focus, brought into play with the Great Challenges.

AAU Science & Innovation Hub thus serves as a display window for Aalborg University's particular strengths. The building will accommodate a wide range of platforms, allowing the display and integration of innovations from the university's research and incubation activities. This is directly addressed by the sustainable design of the building.

skills Sketch Up + AutoCAD + Adobe Illustrator + Photoshop

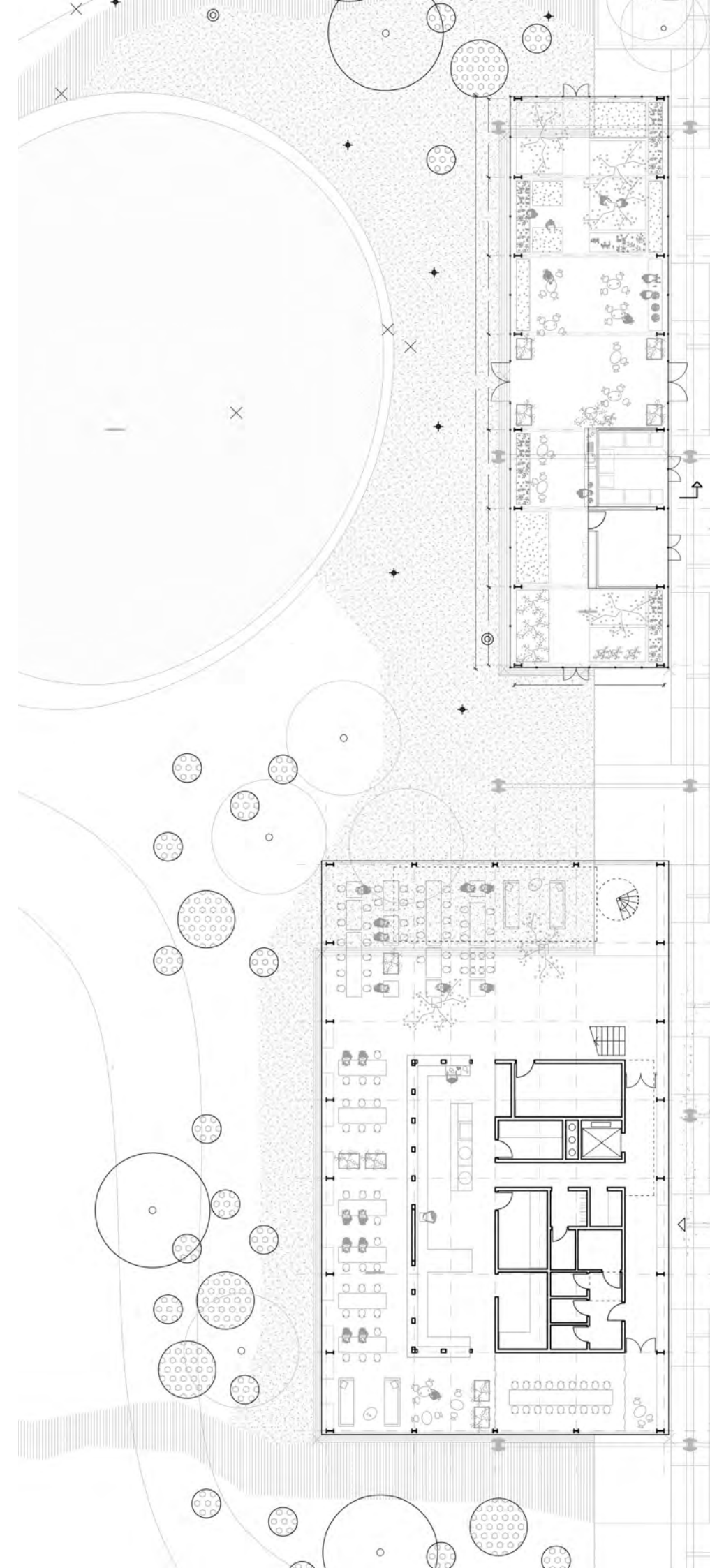
year 2017

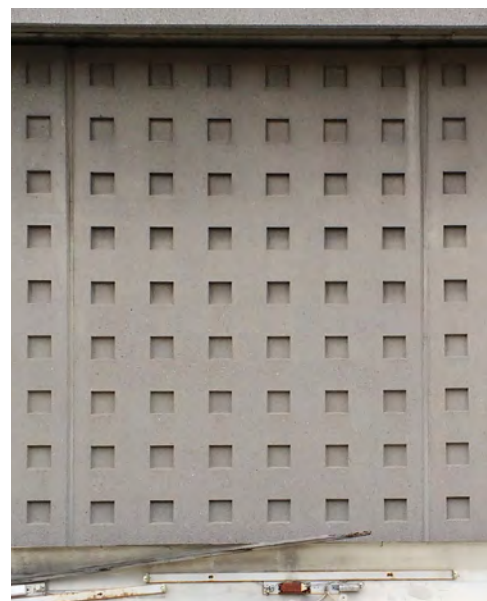
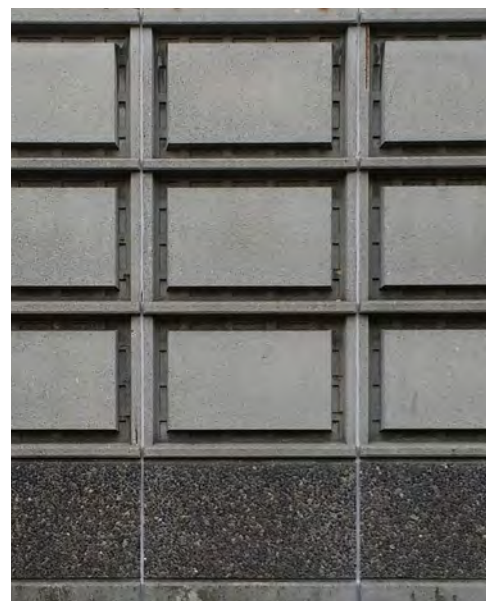
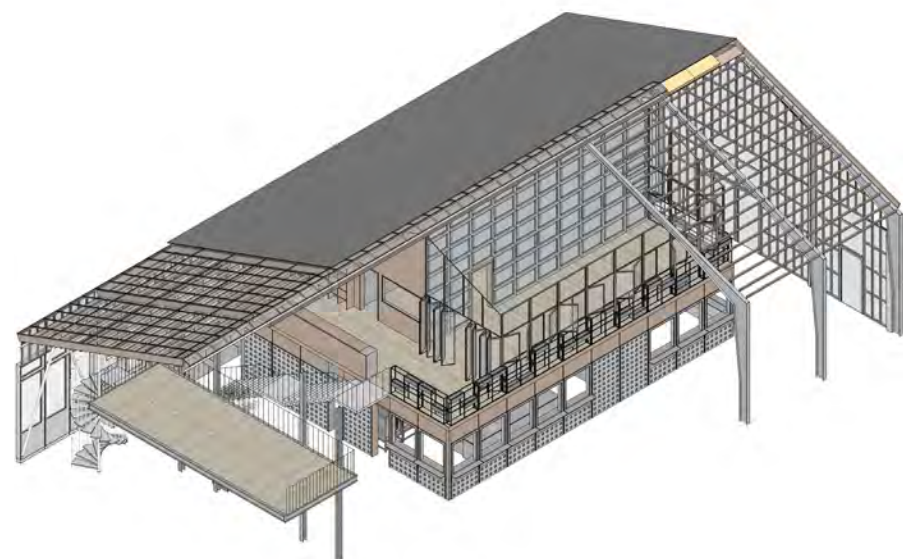
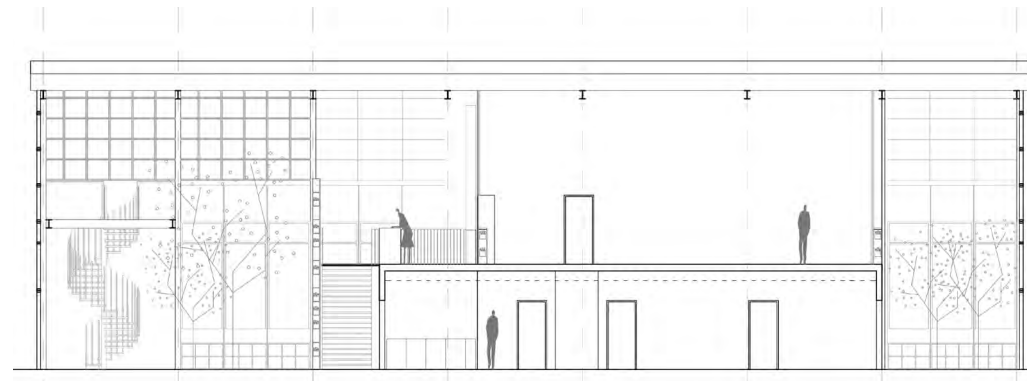
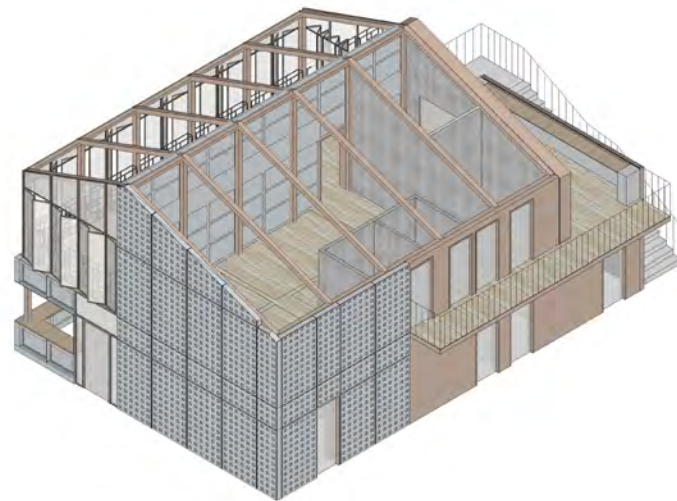
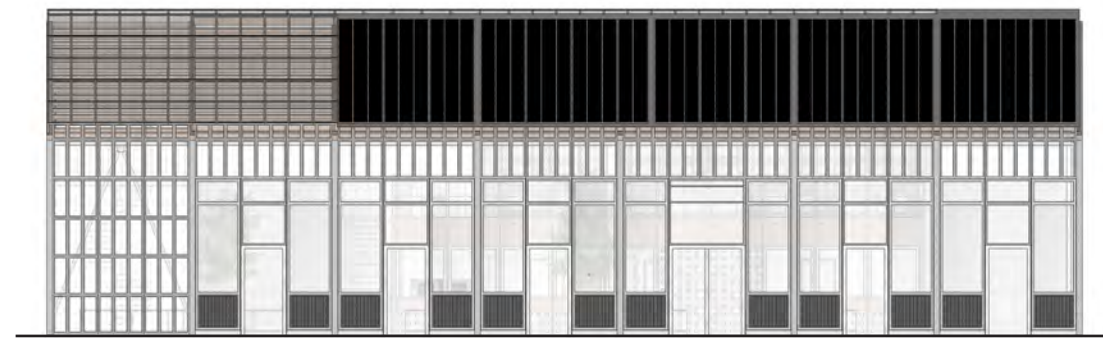
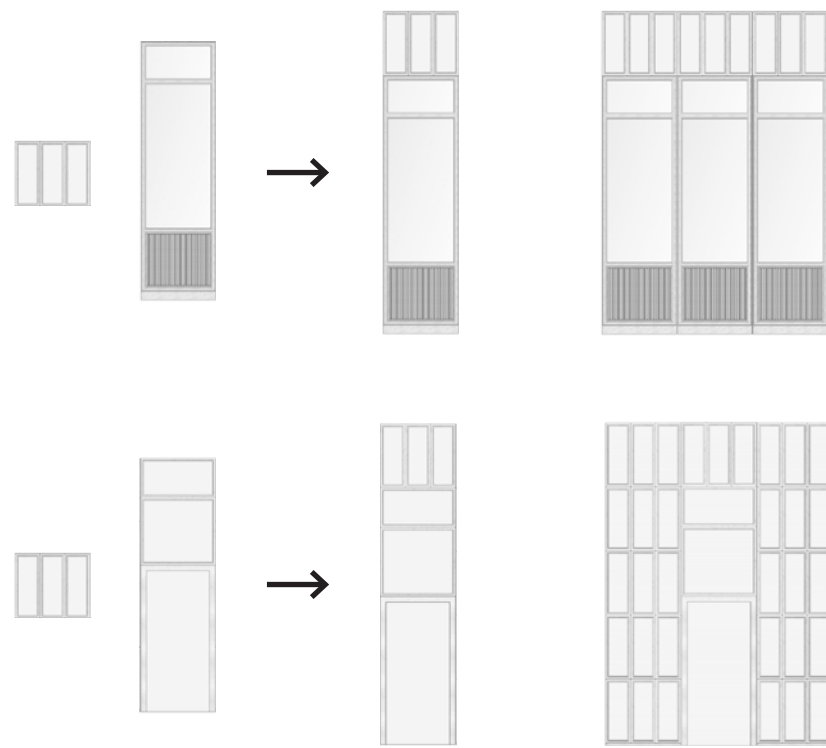
S P I S E H U S - O R A N G E R I

COMMUNAL DINING

HISTORICAL UPCYCLING
professional experience

SOFIA LOWE





location Valby, Copenhagen, Denmark

typology communal dining room and greenhouse

description Over the last few years, the city of Valby has started to grow as a residential neighborhood. This is why several historical buildings stopped being inhabited and were selected to be demolished.

These buildings composed *Grønttorvet*, the wholesale market. To prevent the loss of its structure and its historical façade, the preservation of these elements became a priority. In this way, the elements could assume a different role in the future.

Given the amount of residential buildings on the neighborhood, a communal dining room and greenhouse is designed for the community, reassembling the components of the wholesale market to be demolished.

Denmark is known for its great sense of community. Neighborhoods invite inhabitants to interact as well as to build a better lifestyle together through different activities. This is why communal buildings are always welcome.

A communal sense for the dining room is proposed through different strategies. For example, the use of the saved façade elements remind people of their historical identity; building a greenhouse helps the community to develop sustainable strategies; and generating open spaces enable a healthy social life for the neighbours.

The project went through several stages to enable the reuse of historical parts from structures that were about to disappear. This process led to a contemporary architecture piece, keeping certain historical identity in it.

skills Sketch Up + AutoCAD + Adobe Illustrator

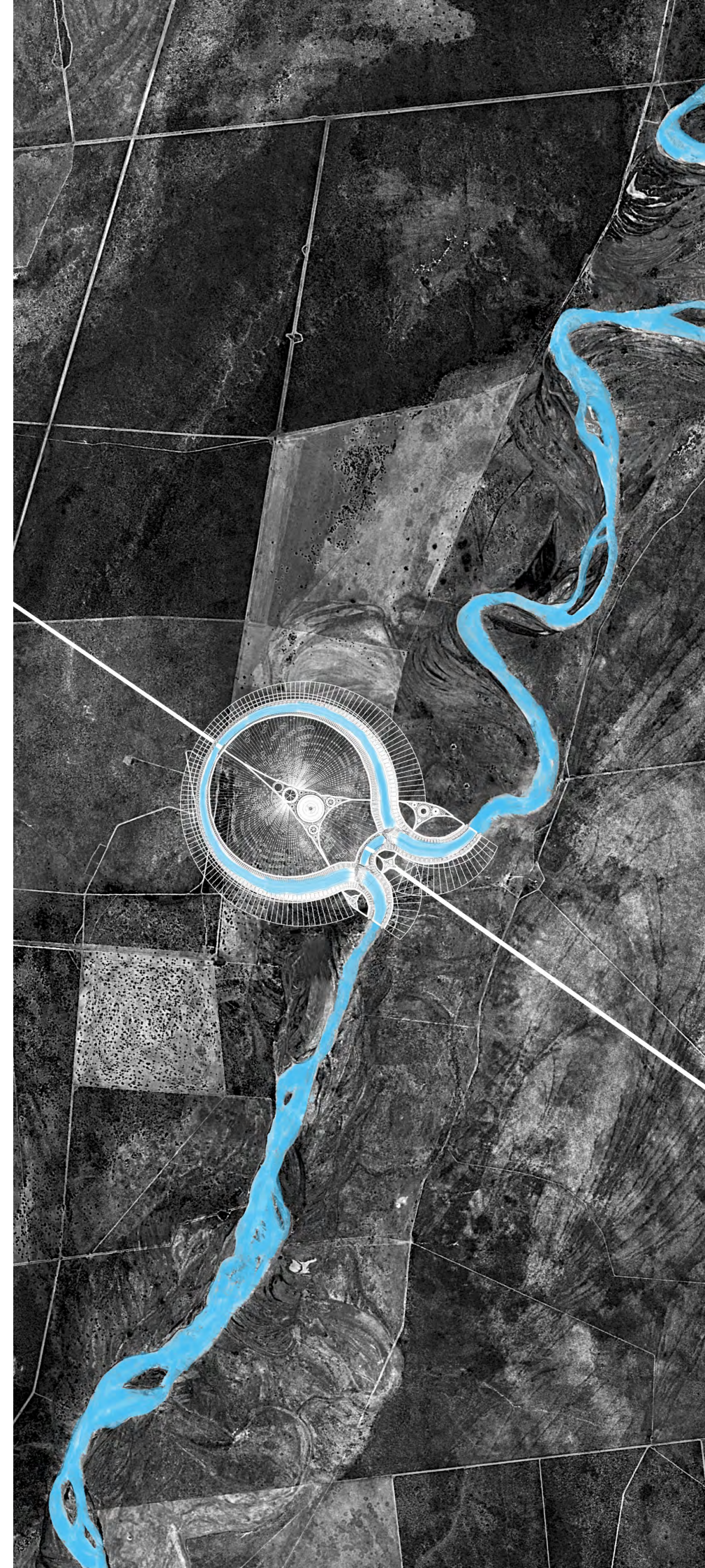
year 2017

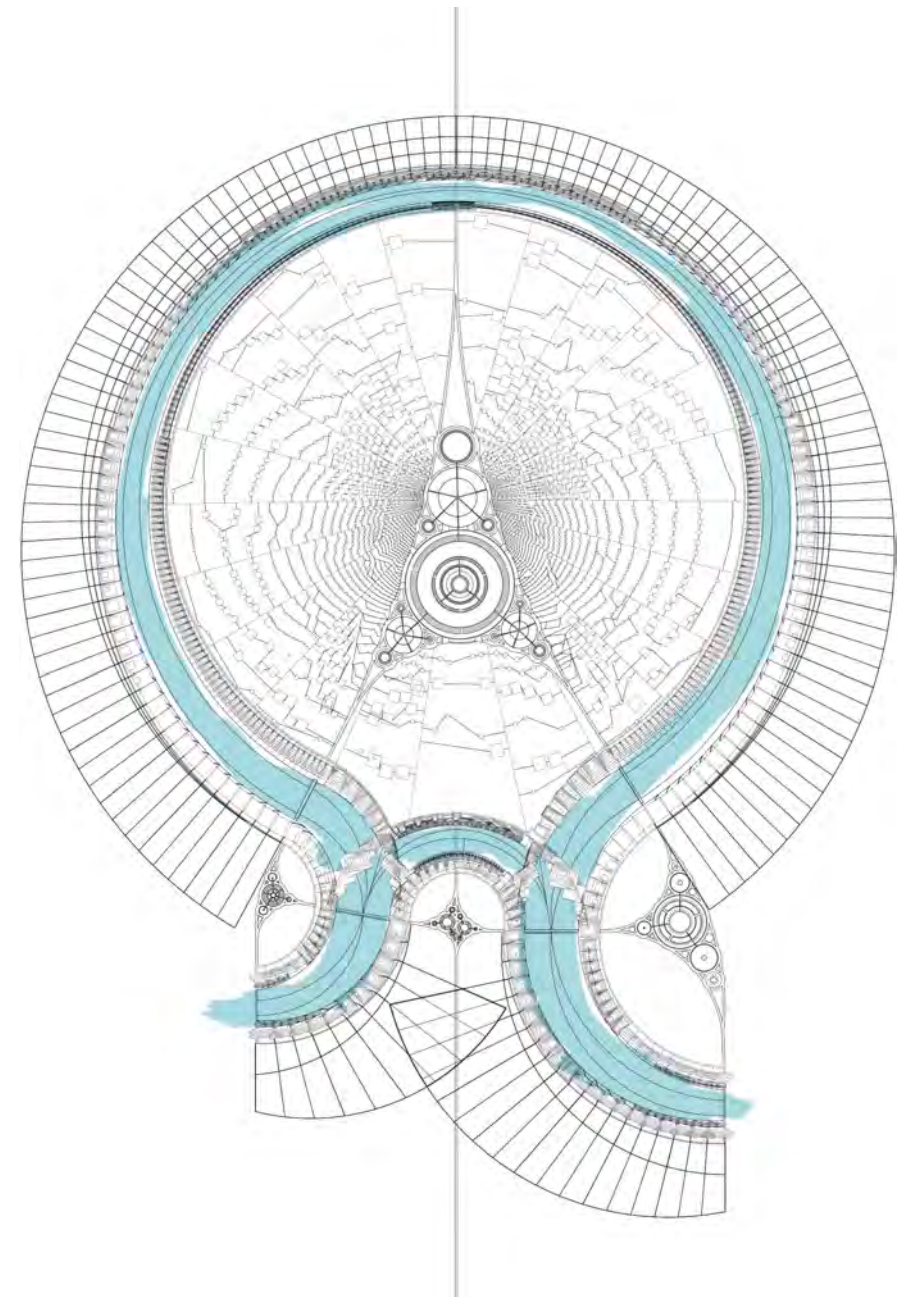
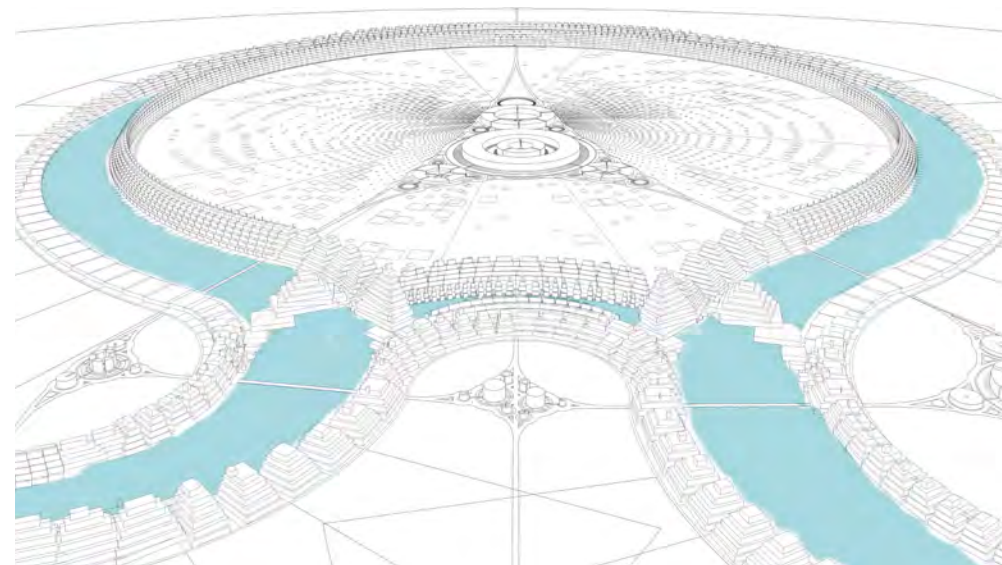
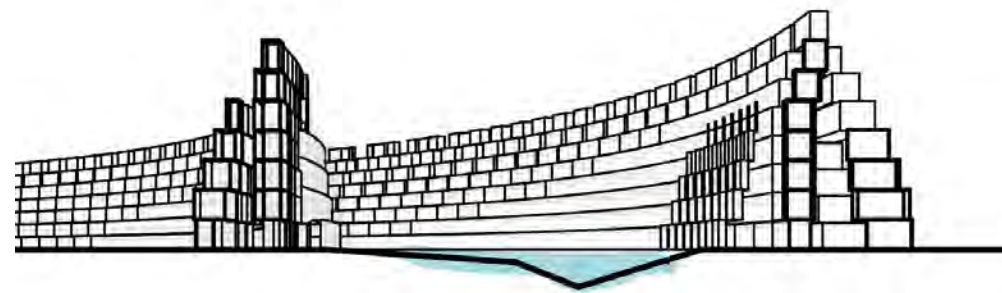
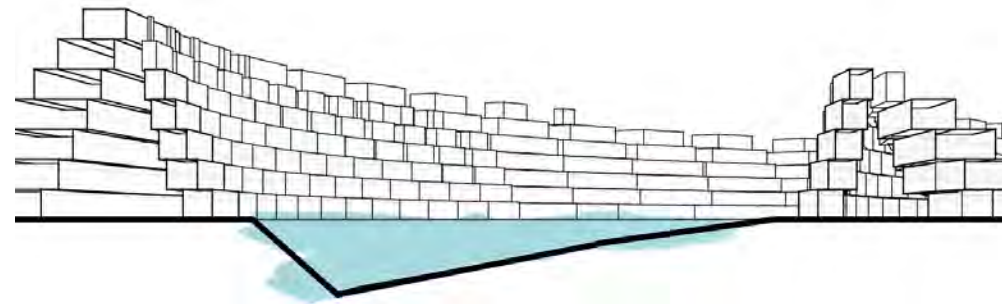
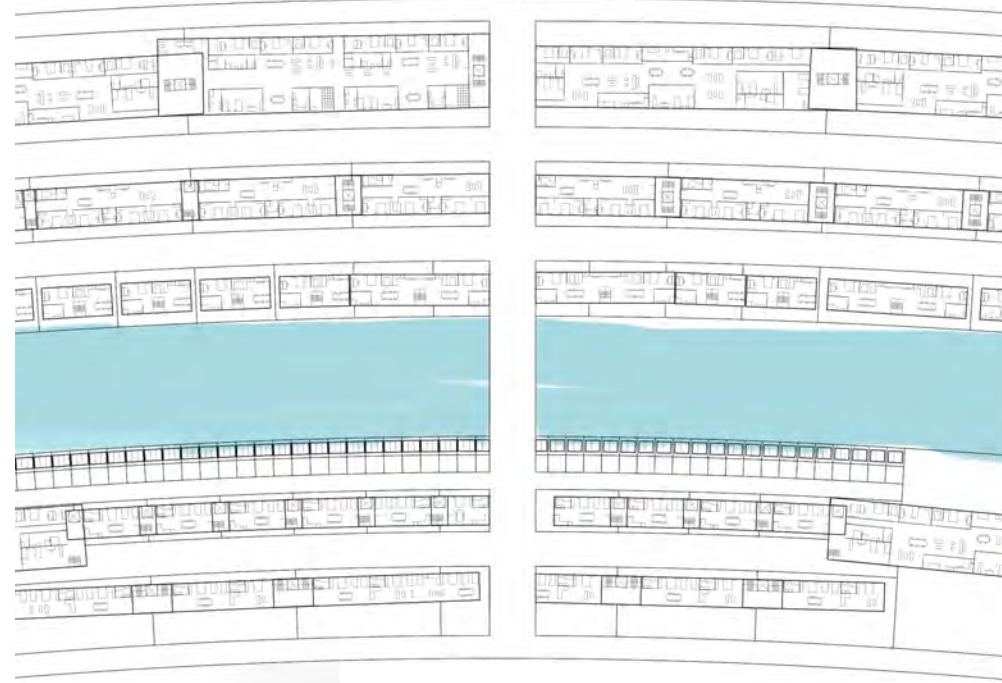
CENTRAL PAMPA

THE BORDER OF WHOLESALER AGRICULTURAL NEIGHBORHOODS

SPACE FRAMING
academic experience

SOFIA LOWE





location La adela, La Pampa, Argentina

typology interprovincial gated community

description The concept of 'frontier' is usually narrowed to the tracing of a line which determines the limit between two countries. Analyzed from a territorial aspect, the limit between La Pampa and Río Negro provinces is determined by Río Colorado, a river formed by meanders. Urbanizations are currently posed on one side and the other of the river, without there existing any differences between both communities' lifestyles.

Interprovincial barriers are challenged by the geological changes meanders develop through time. Just before turning into ox-bow lakes, meanders create island-like areas between the original river and its replica. What happens when a territory is surrounded by a river which is entitled as a interprovincial limit? What happens when a national route crosses it? What province does the territory belong to?

Central Pampa works with the emerging spaces created on these nodes of transition. An exchange area is generated, where people from both provinces are brought together as neighbours from an open gated community. Gated communities, which correspond to private access, are compared to stop-over towns along the road. As the river fertilizes the land next to it, a fraction of it belongs to every owner of that section of the river, so that they can harvest their own crops. These can be sold in the central market located on the island formed by the meander.

Contrasts between geographical limits and the private sphere limits are studied resulting in Central Pampa.

skills Rhinoceros + Grasshopper + Adobe Illustrator + Photoshop + mockup modeling

year 2017

THANK YOU

SOFILOWE@GMAIL.COM

