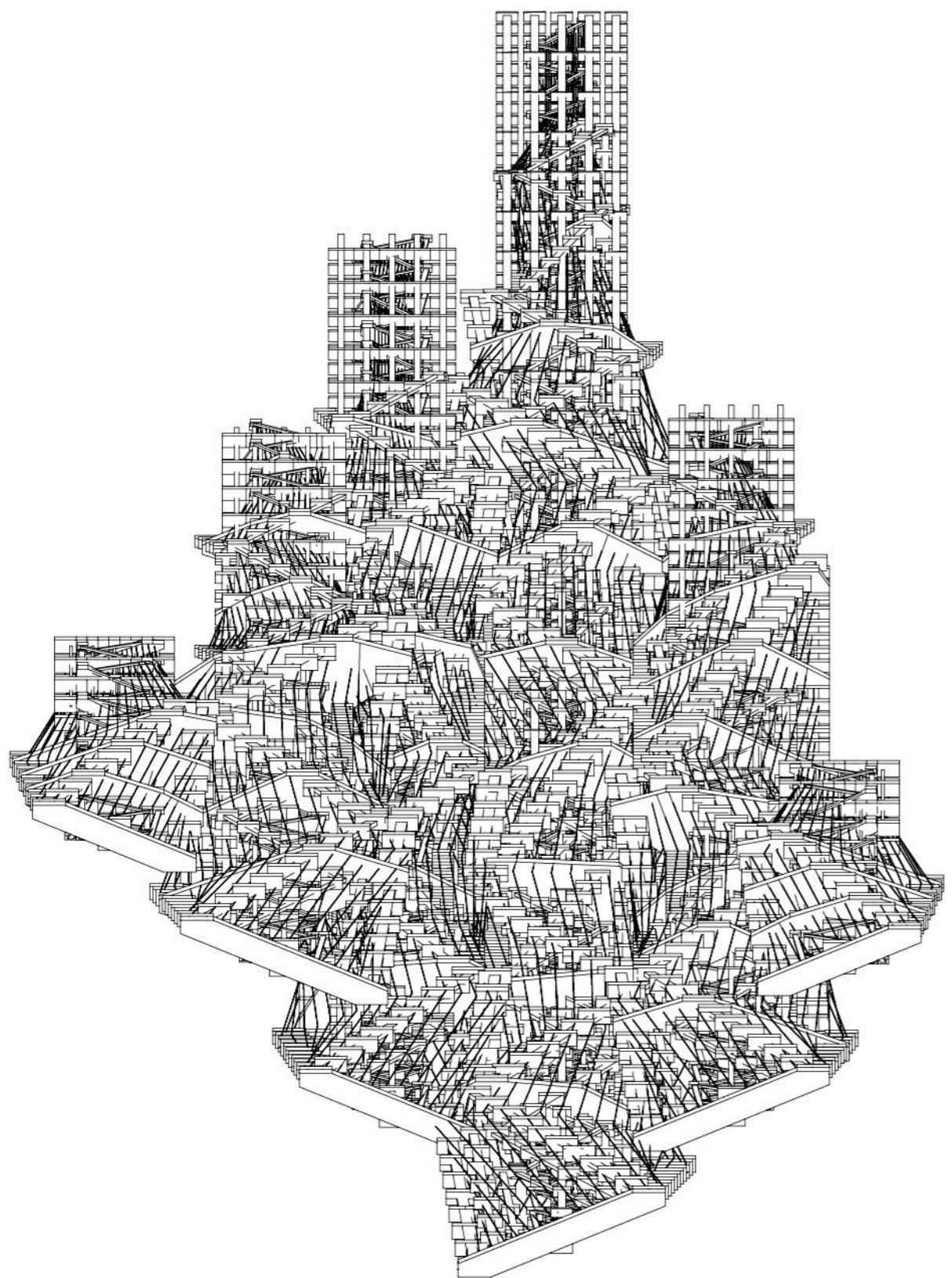


Tomás Levy Daniel

Architecture and Design
Selected Works 2018-2021



Tomás Levy Daniel
Architecture and Design
Selected works 2018-2020

Cover illustration: Front view of Hiperculturalism

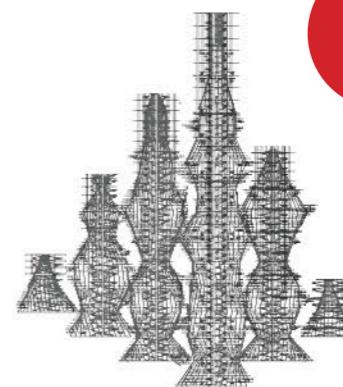
Back cover illustration: Superior Axonometry of Hyperculturalism

Argentina
Buenos Aires
October 2020

Selected Projects

Projects in which I have worked using Rhinoceros- Grasshopper, Autocad, Photoshop, Illustrator and Blender for modeling, analysis, evaluation, design and postproduction. It is divided by presenting larger scale projects at the beginning, continuing with projects where the constructive resolution and a limited budget to develop them predominates. Then, projects more related to landscape and urbanism are presented. It concludes with personal projects that I develop independently until today.

Architecture I Hyperbuilding



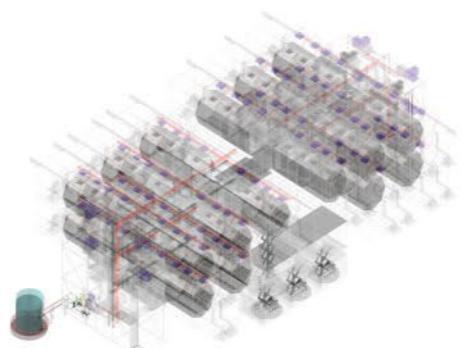
Mejor Tesis 2019-2020

Architecture I Hotel Resort



Mención de Honor mejor proyecto 2018

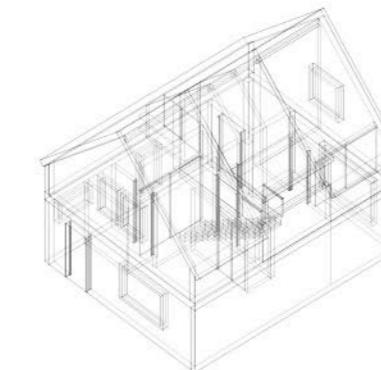
Architecture I Hydroponic Market



Metropolitan Parasites | Buenos Aires, Argentina

Research and development of a hydroponic cultivation building operating in the interstices of the metropolis; urban infrastructures such as ports, trains and highways

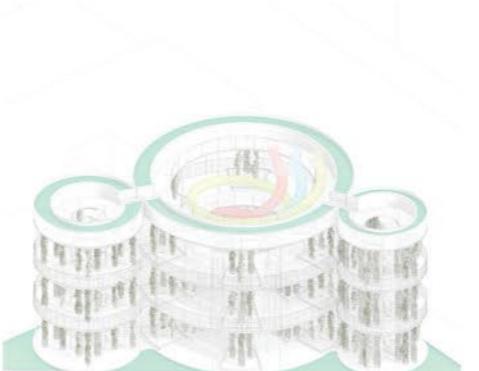
Architecture I Social Housing



Social Housing | Alejandro Khorn, Buenos Aires

Research and realization of a house that aims to be economical both in the distribution of space and in the use of materials

Architecture I Park Building



Vertical Landscapes | Buenos Aires, Argentina

Research and development of an Aeroponics building that operates on a small dry square in Palermo. The objective is to grow in height maintaining the character of the square and developing vegetation from an Aeroponics system that interacts with the user.

Architecture I Microhome Competition



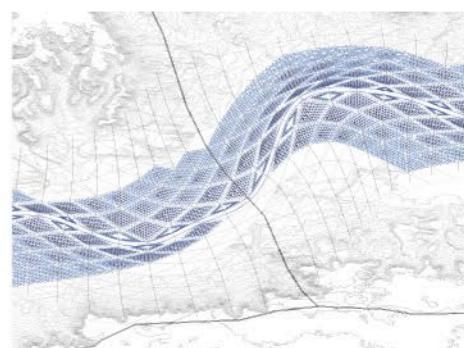
Oasis Module | International

Housing development of 25 m² for a young couple. The project seeks to develop different housing arrangements within a limited space seeking maximum efficiency and having a hydroponic system for food self-sufficiency and contact with nature.

Circulatory Hybrid | Panama, Panama

Research and development of a building that addresses the issue of interior nomadism through circulatory intensification, understood as regulating interior quality.

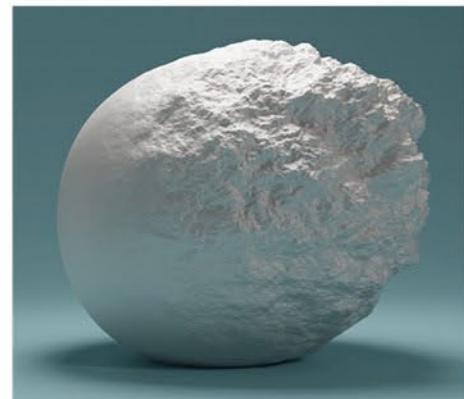
Arquitectura I Landscape



Waterforming | Condor Cliff, Santa Cruz

Investigation of the land behind the Condor Cliff dam and subsequent readjustment of the land to receive future floods. The water level is monitored from multiple branches that control the direction and level of the water.

Digital Art I 3D Artworks



DesignLodge | Buenos Aires, Argentina

This project began as a means of research and experimentation with materials, colors and lights. And transformed into a digital art project and the introduction to crypto art by commercializing the works on platforms such as Rarible.

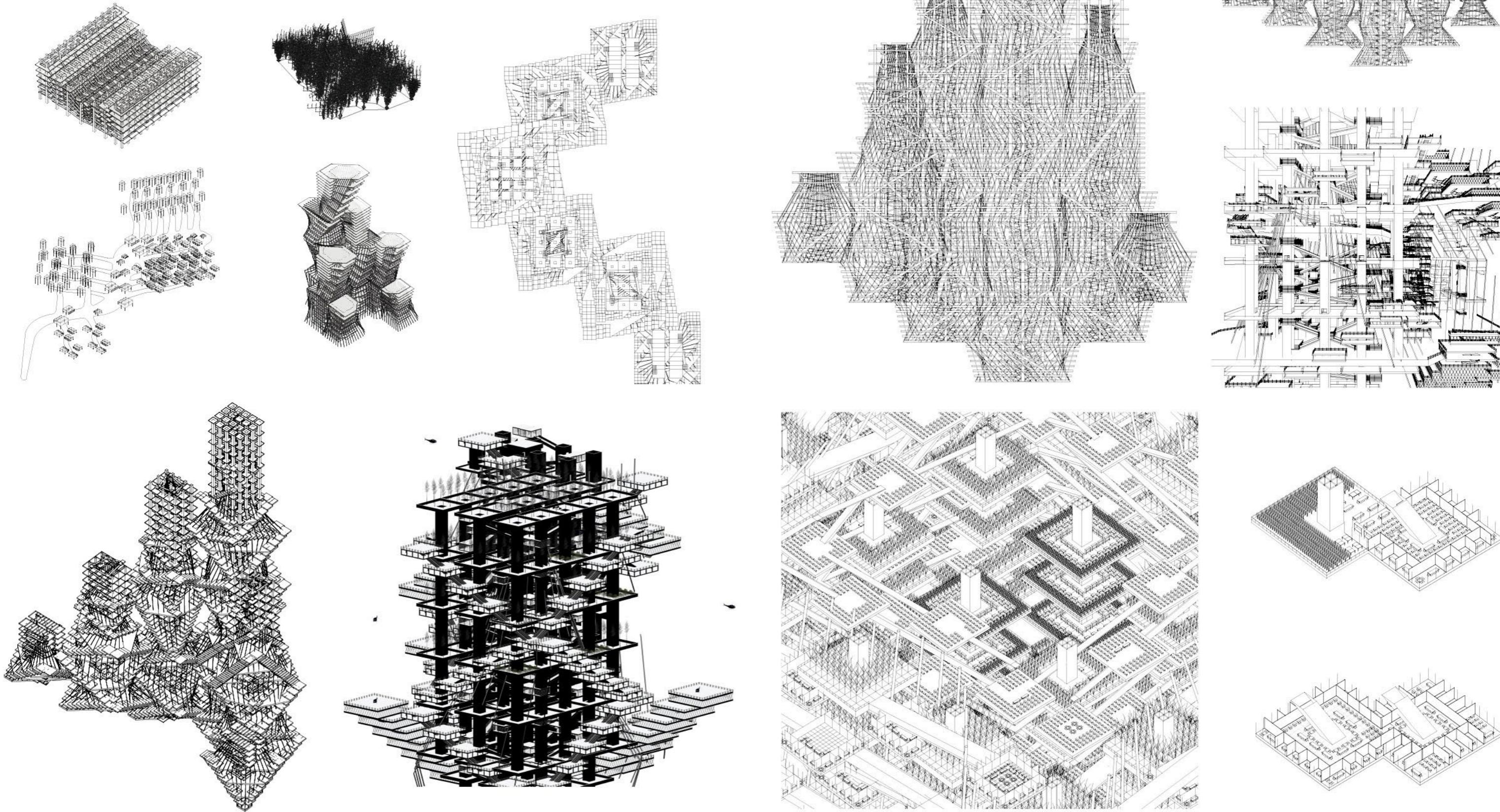
HYPERCULTURALISM

Universidad Torcuato di Tella
Misiones, Argentina
2019-2020

Thesis Project
Best Thesis 2019-2020
Directed by Ciro Najle

Development of a Hyperbuilding of hybridized work cultures located in the province of Misiones.

- I work together with a group of 4 members in the research of four models of variables and their integration in a model.
- Development of a complete script of 65 grasshopper variables resulting in the final model.



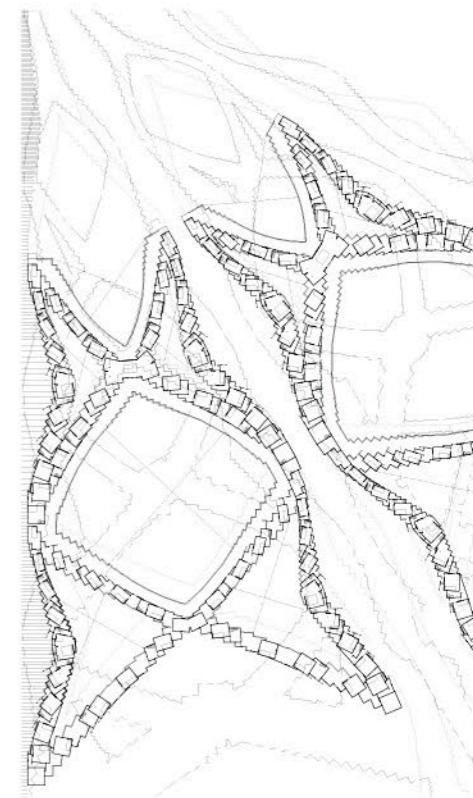
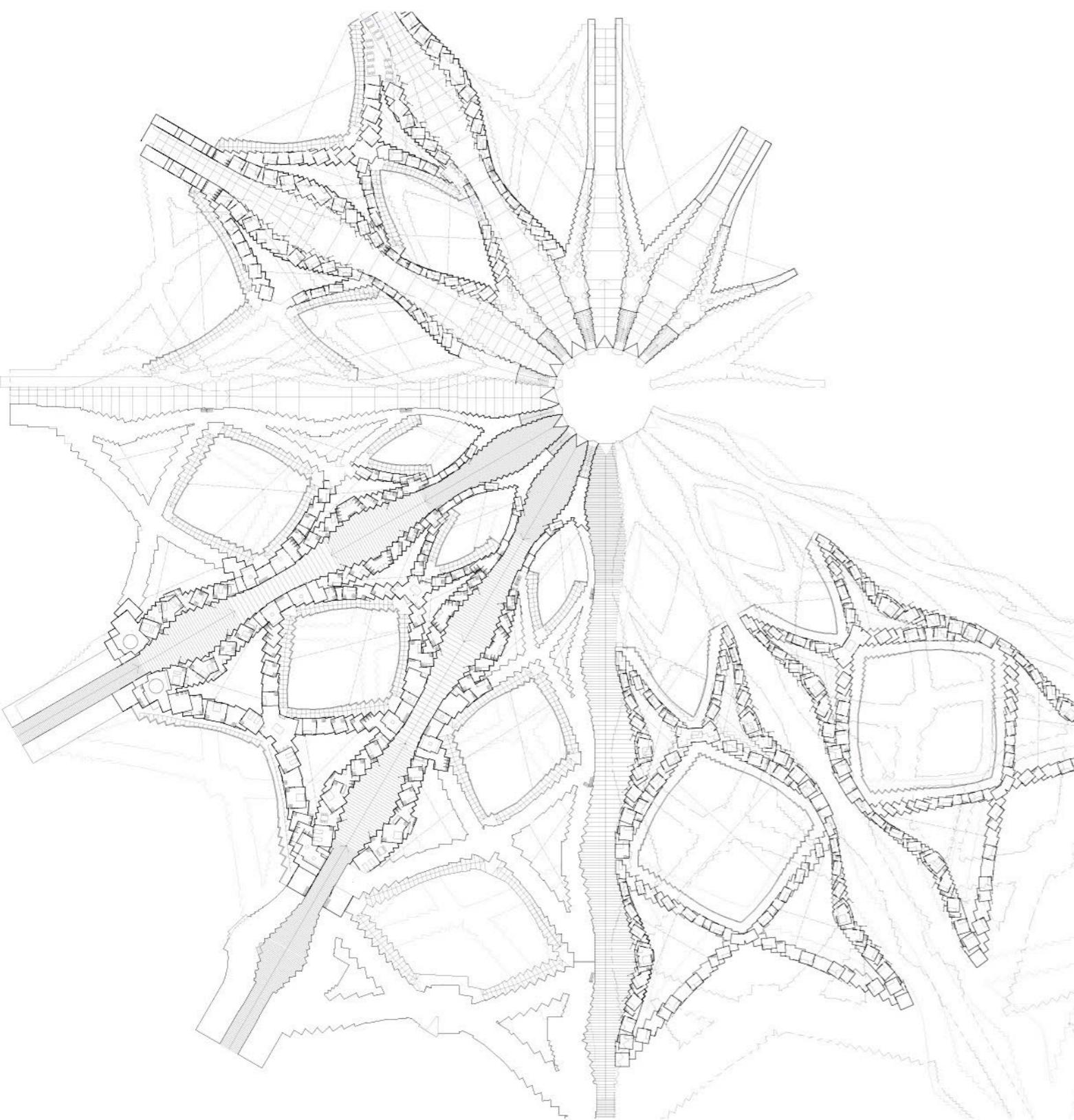
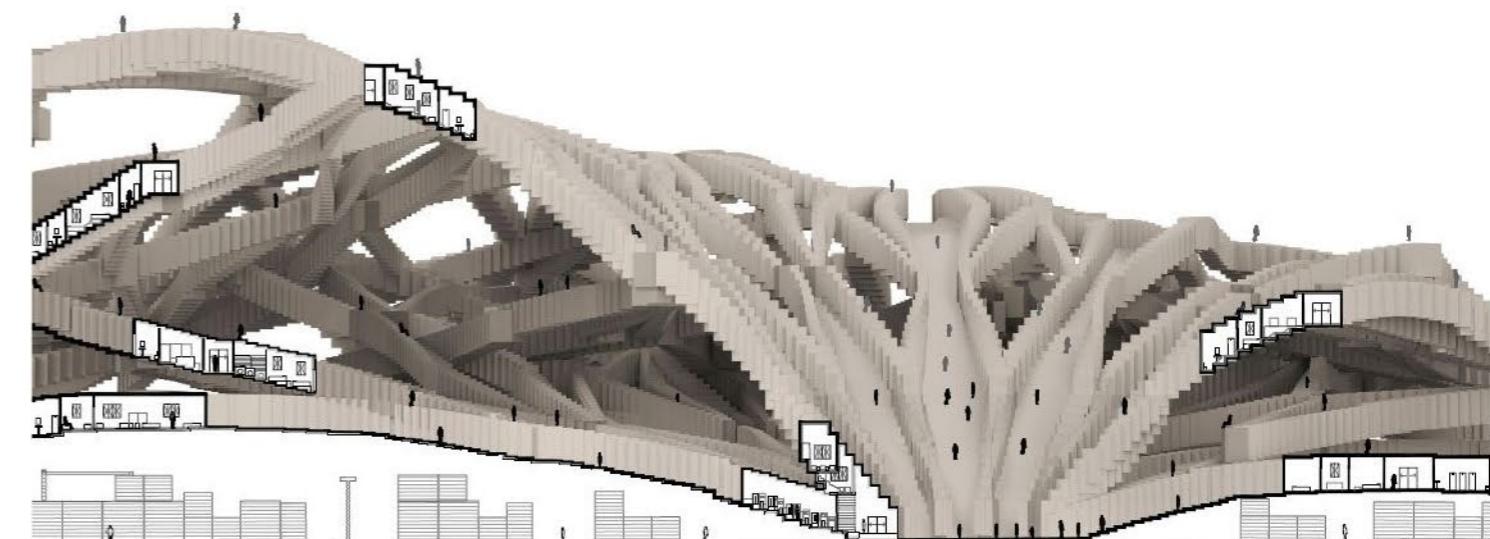
INTERNAL CIRCULATORY HYBRID

Universidad Torcuato di Tella
Panamá, Panamá
2018

Resort Hotel
Honorable mention
Proyecto V

Research and development of a Hotel Resort that approaches the issue of interior nomadism through the intensification of circulation, understanding it as a regulator of interior quality. A hotel with rooms of differentiated quality regulated by circulation is generated.

- Work together with a summary of duration with a group of 3 members.
- Preparation of digital model with Rhinoceros - Grasshopper and elaboration of model by laser cutting.



METROPOLITAN PARASITES

Universidad Torcuato di Tella
Buenos Aires, Argentina
2019

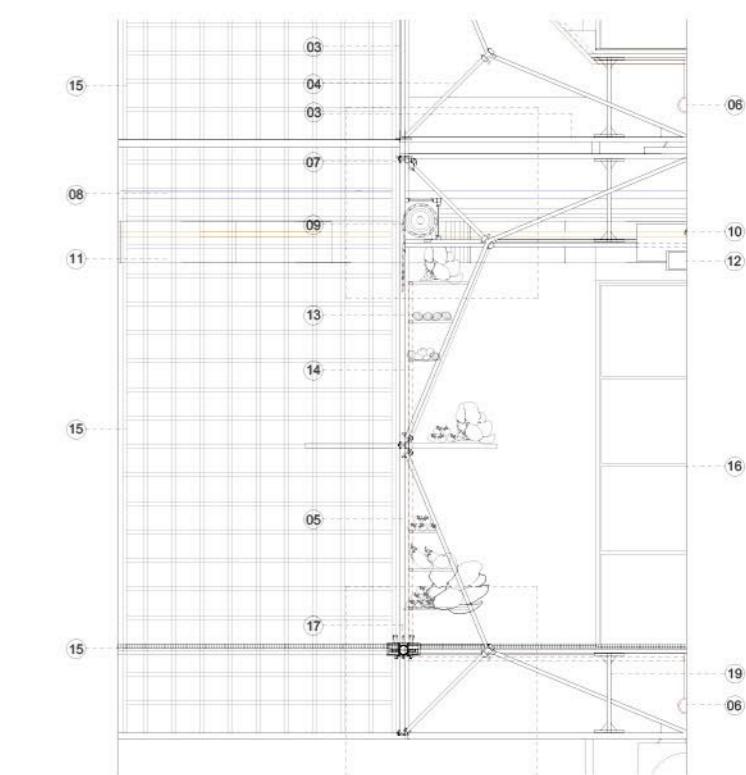
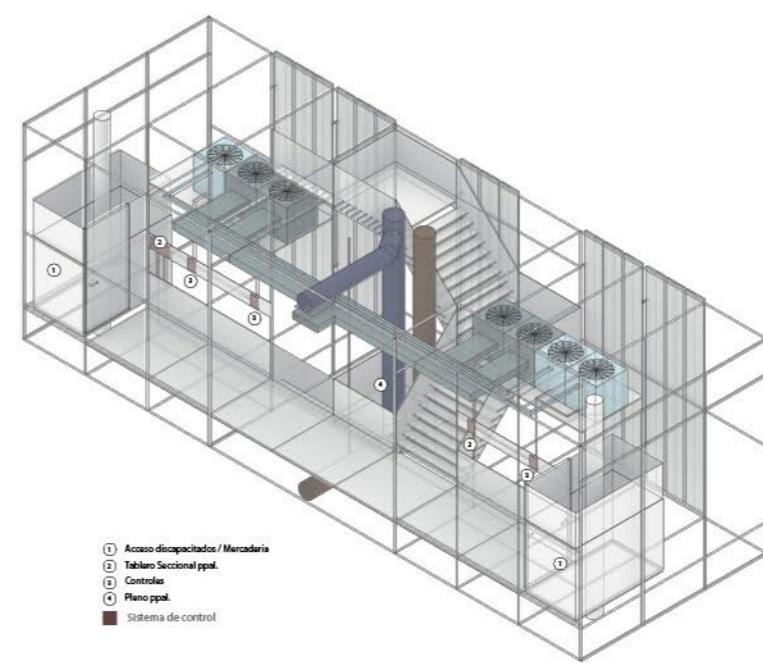
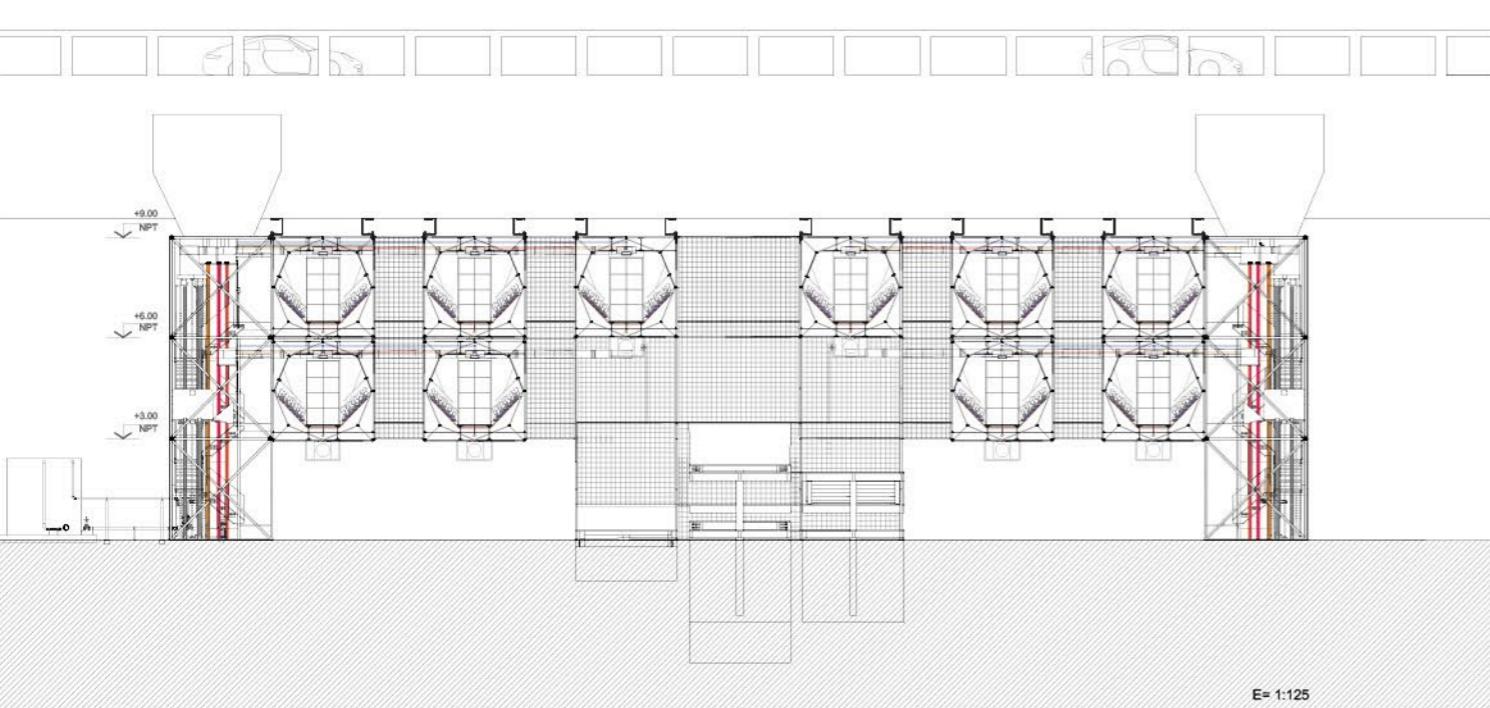
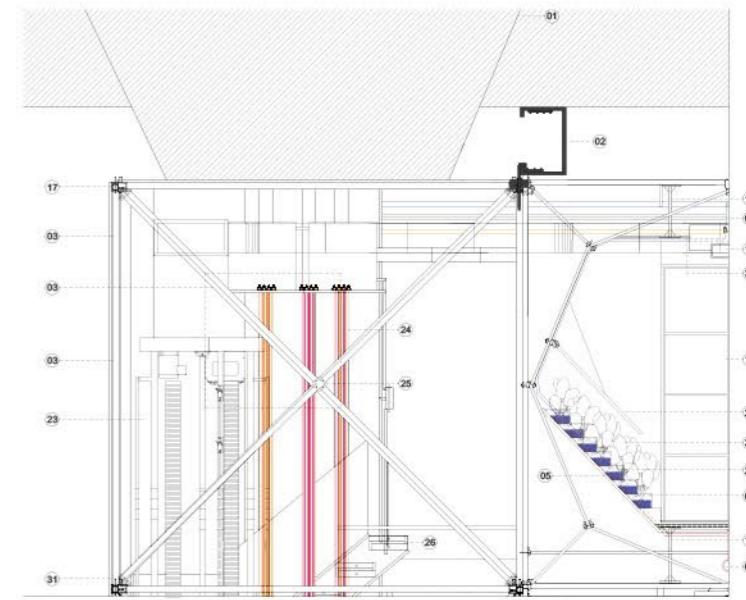
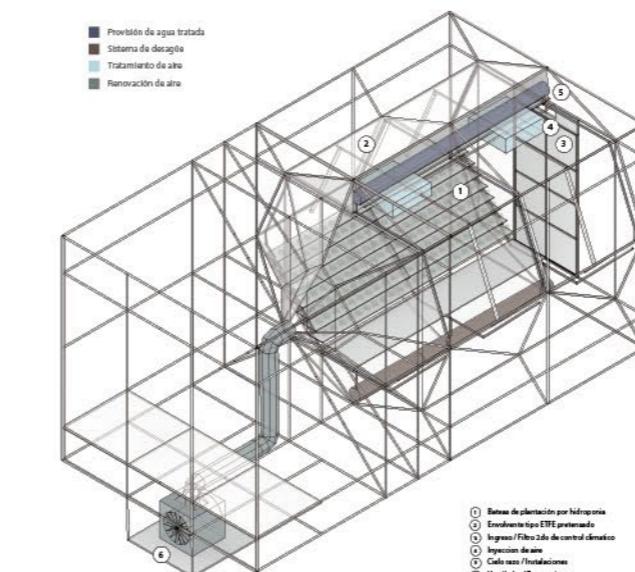
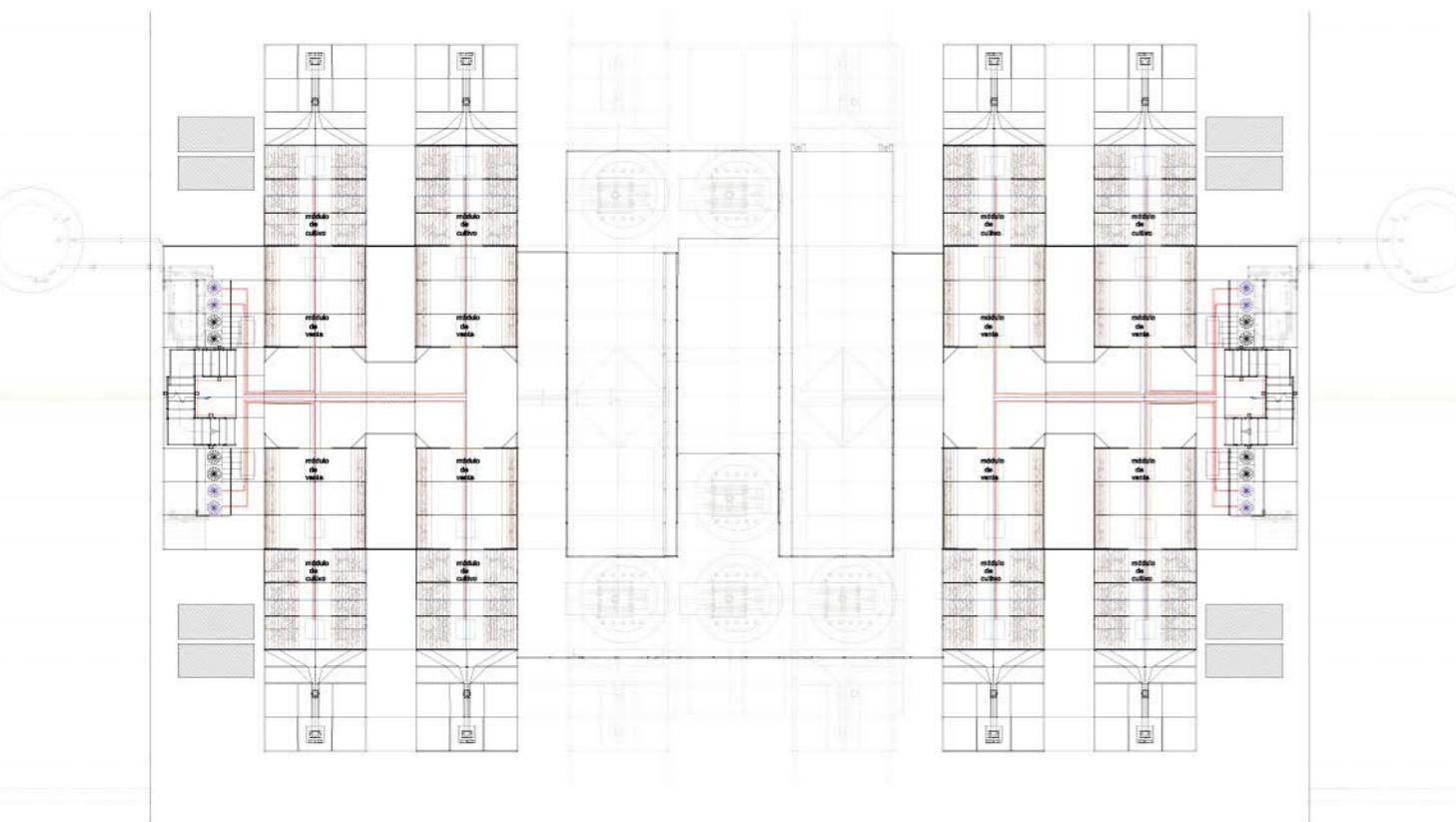
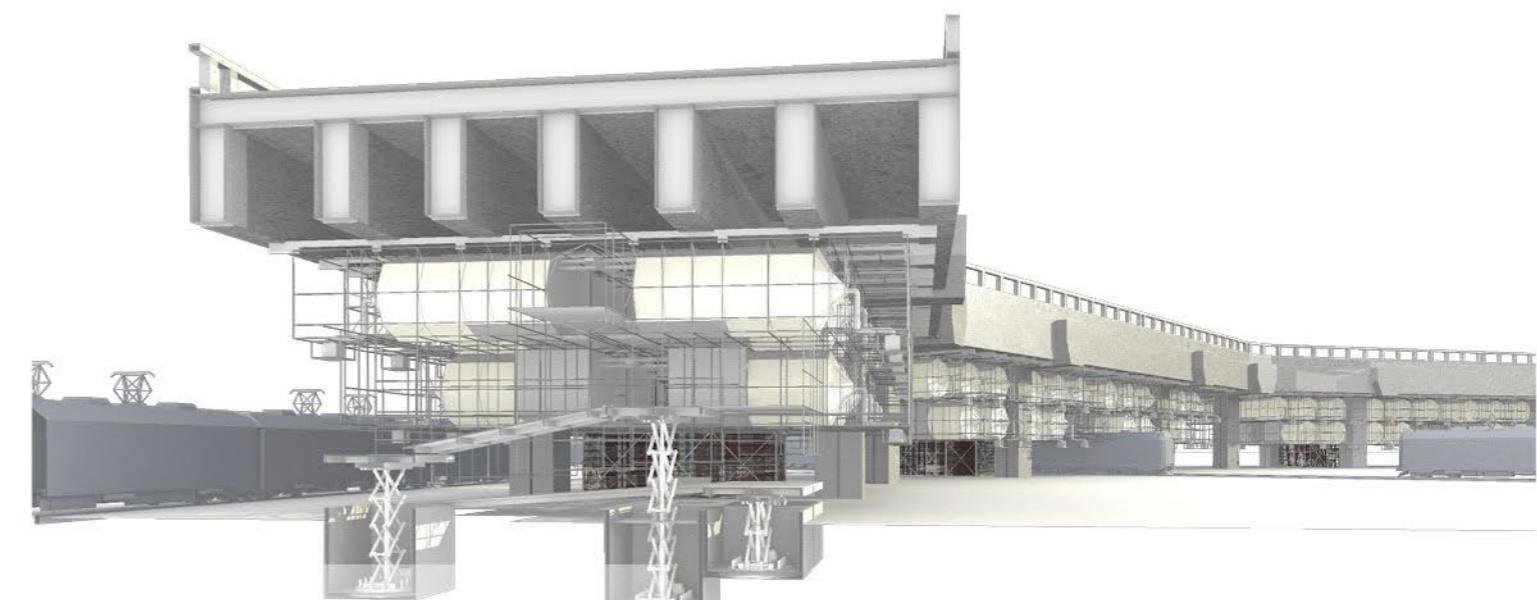
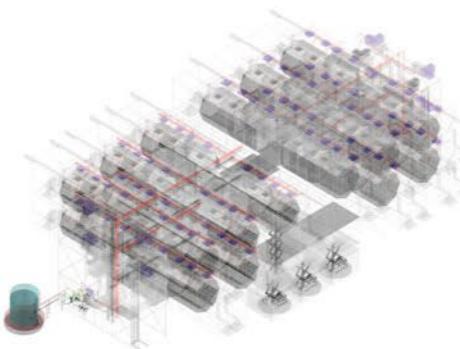
Hydroponic Market
Architecture and urbanism
Advanced Technologies

Research and development of a hydroponic cultivation building that operates on the interstices of the metropolis; occupying the residual space of urban infrastructures such as ports, trains and highways.

The project organizes a cultivation system using hydroponic rafts organized from its production and commercialization.

• Semester-long work with a group of 4 members.

• Preparation of digital model with Rhinoceros - Grasshopper and elaboration of model by laser cutting.



SOCIAL HOUSING PROJECT - INTERNSHIP

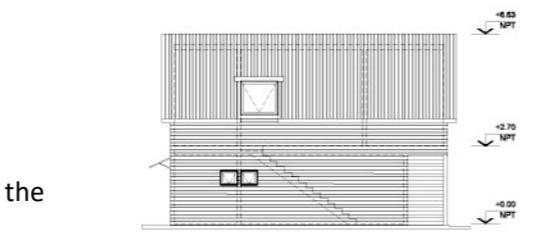
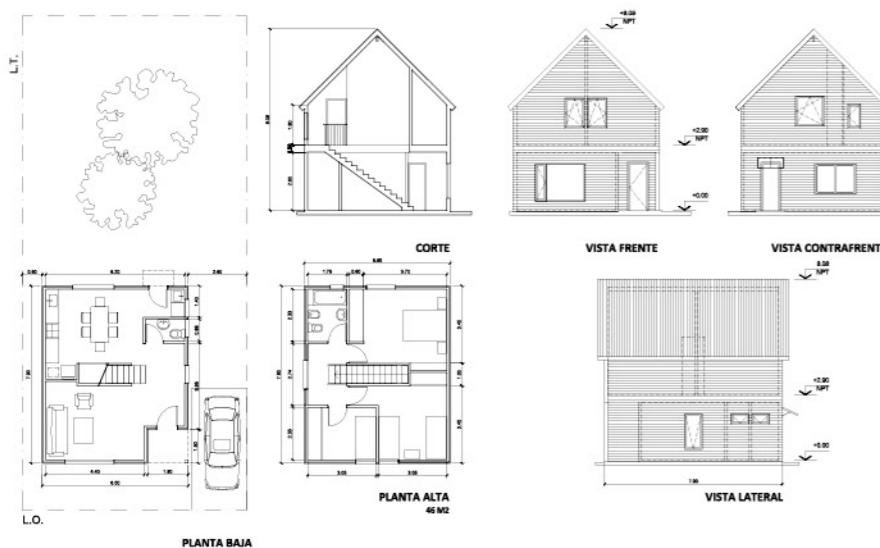
Universidad Torcuato di Tella
Buenos Aires, Argentina
2018-2019

Social Housing
45 m² - Average
Martin Ibarlucia Studio

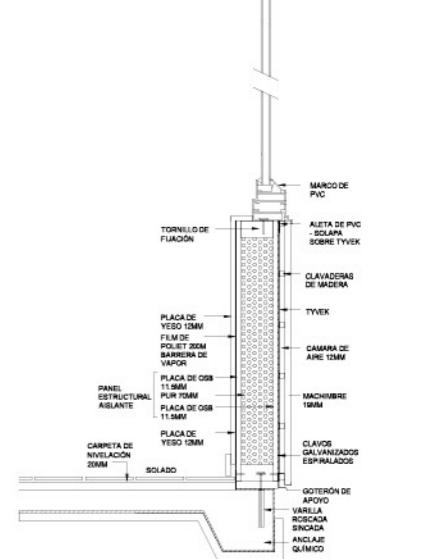
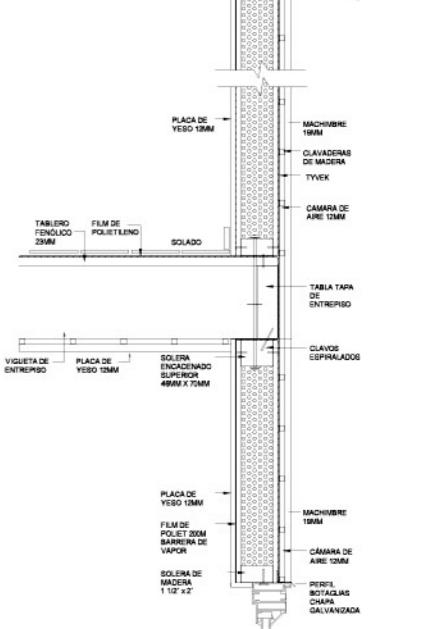
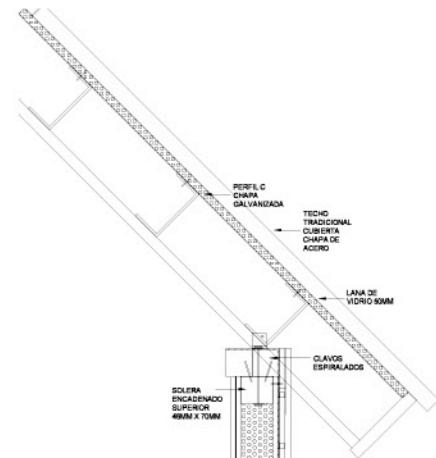
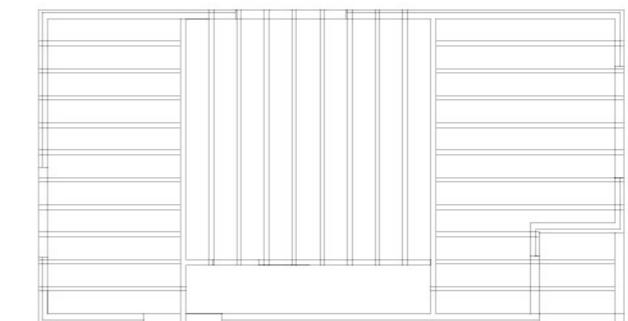
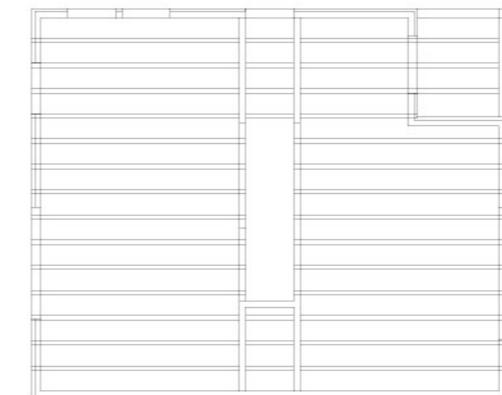
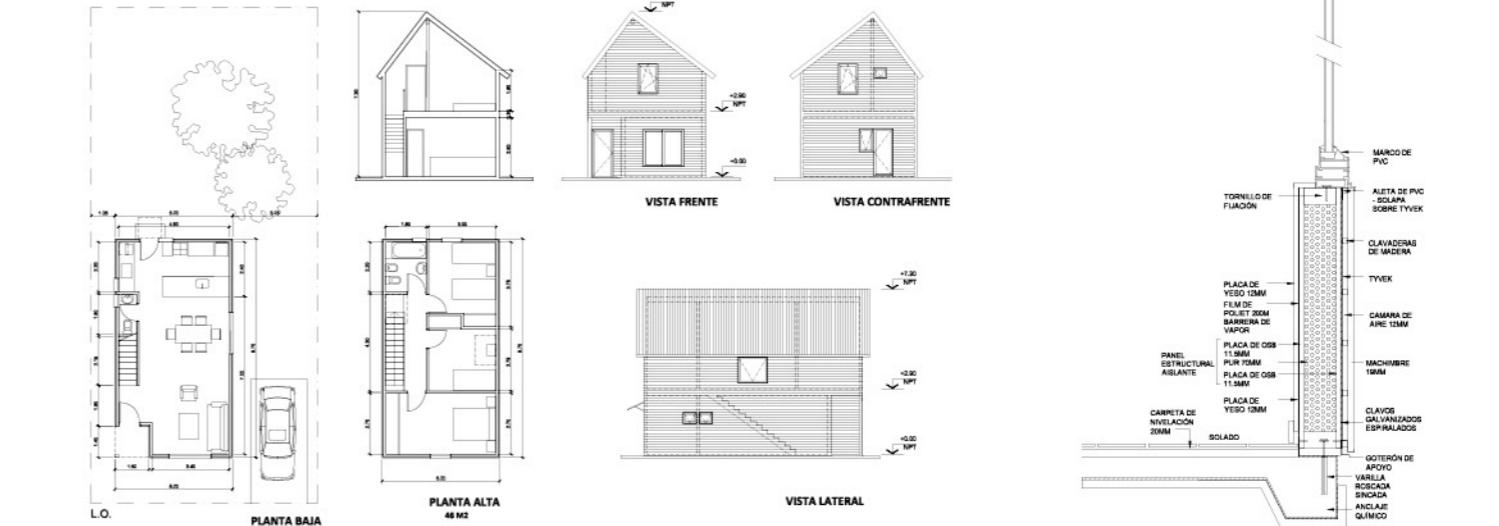
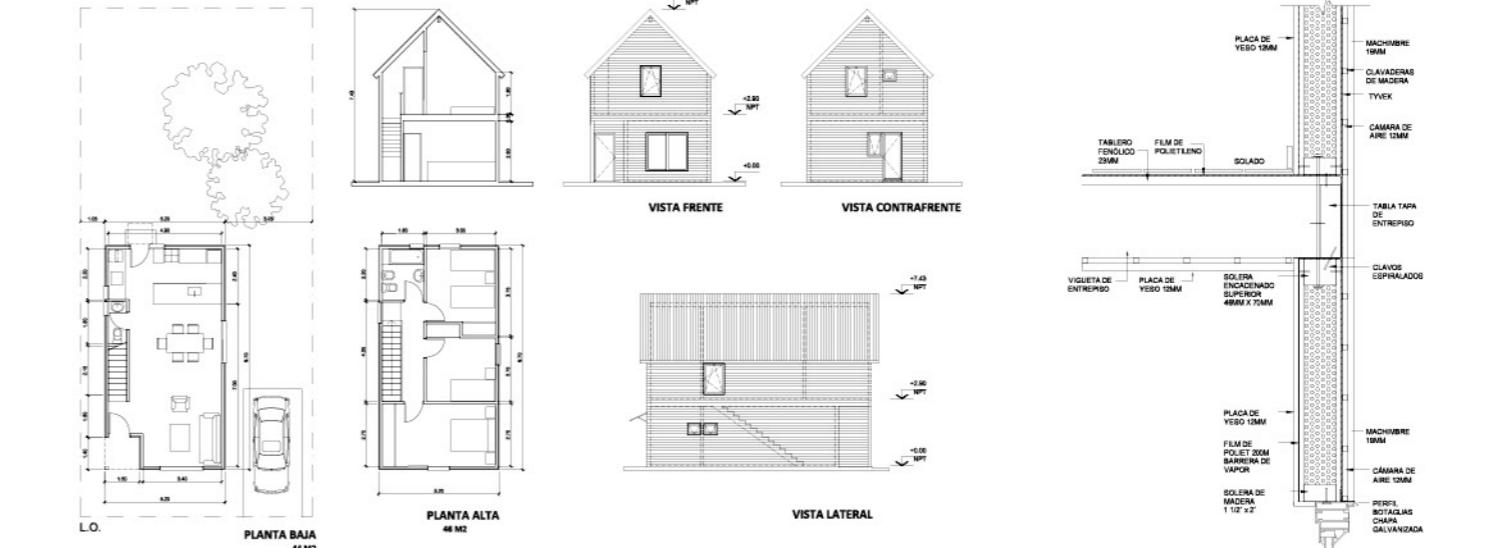
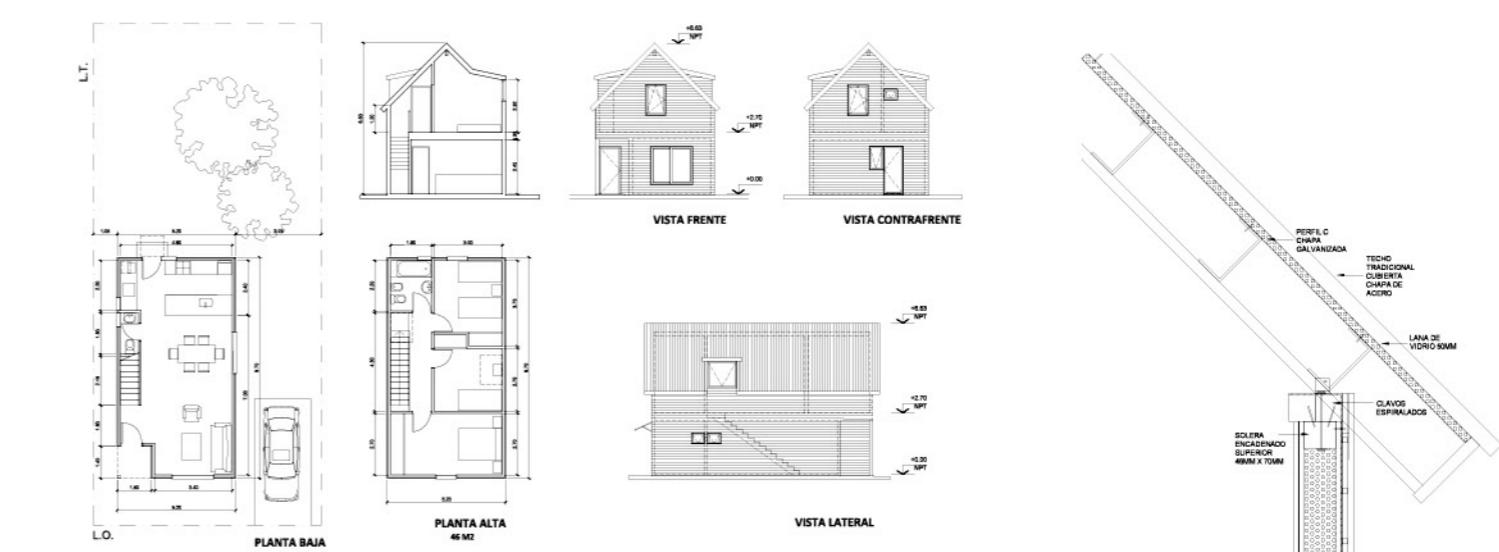
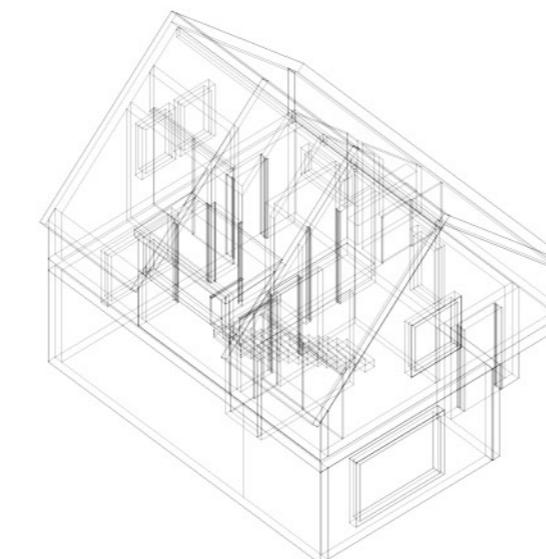
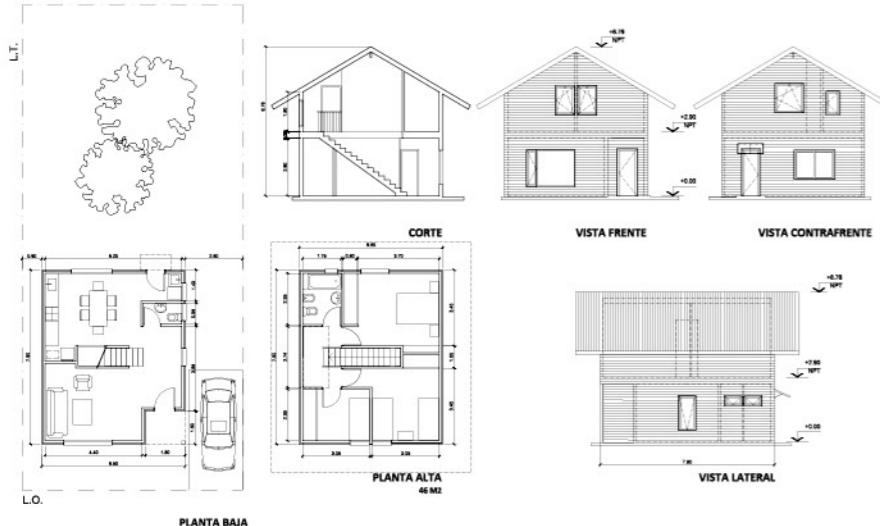
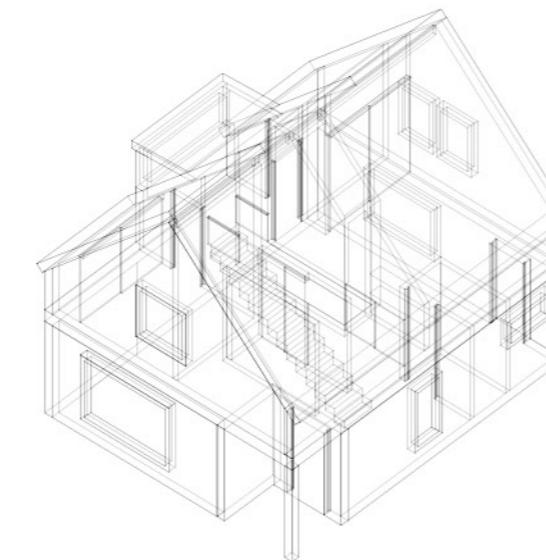
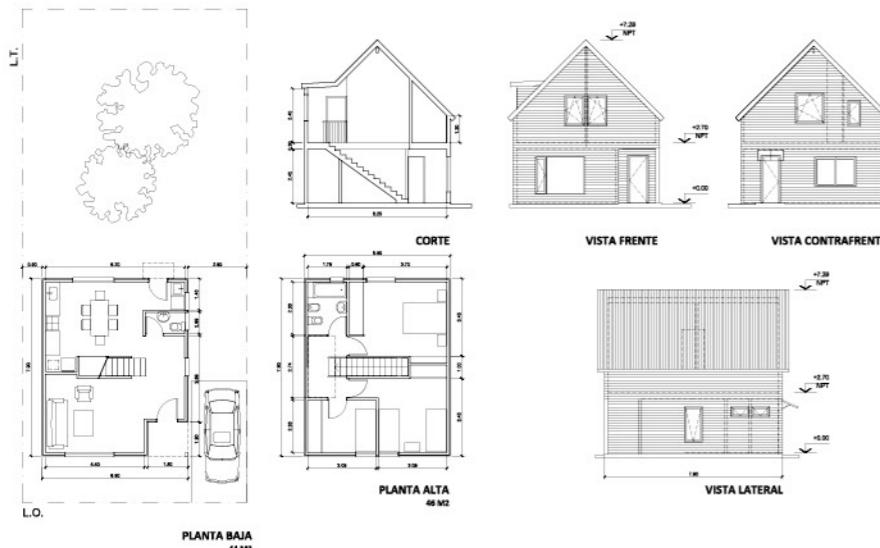
Social housing project in Alejandro Korn, San Vicente.

Research and development of a house that aims to be economical both in the distribution of space and in the use of materials.

- Different variables of houses built in one and a half story Sip Panel were generated.



VISTA LATERAL



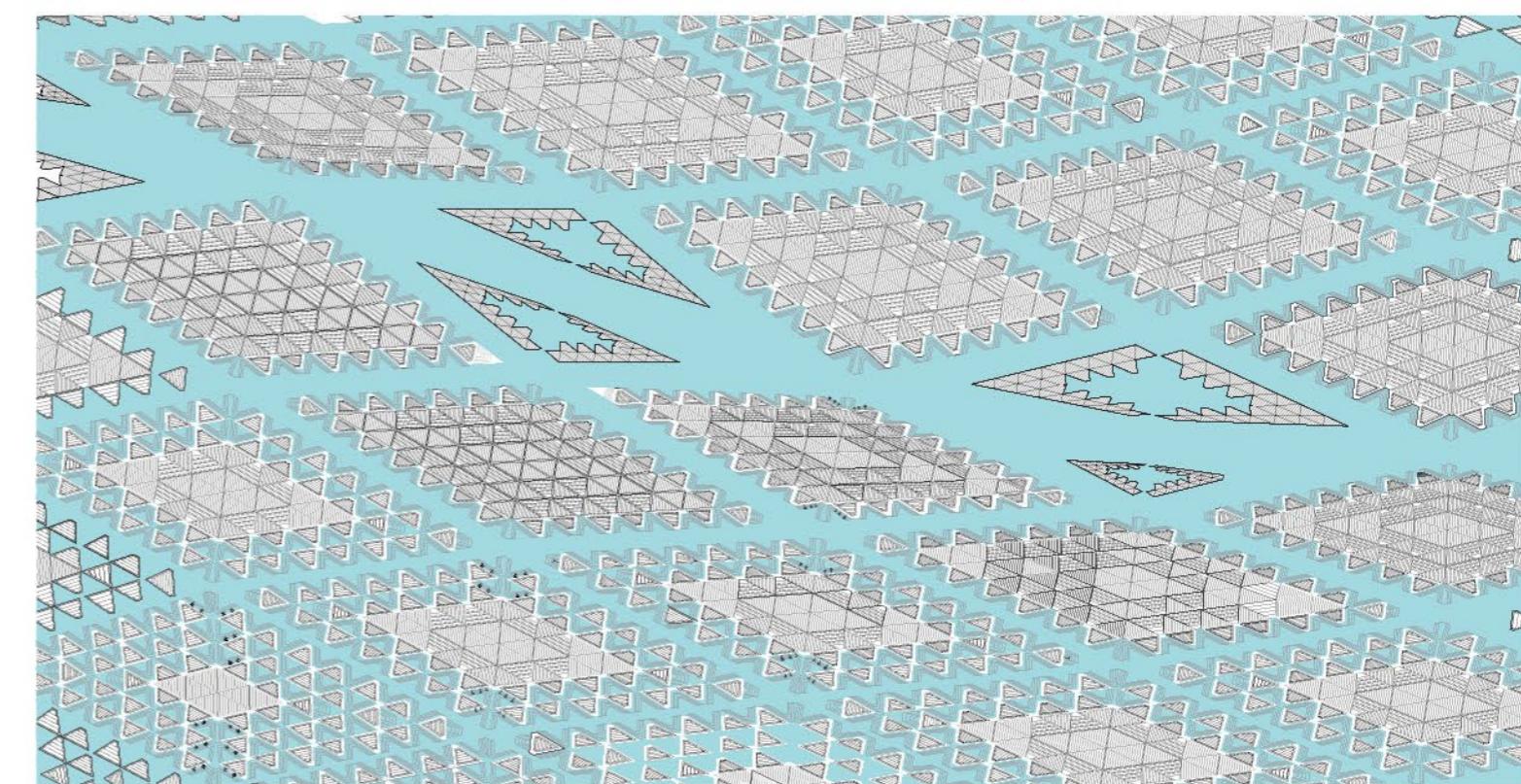
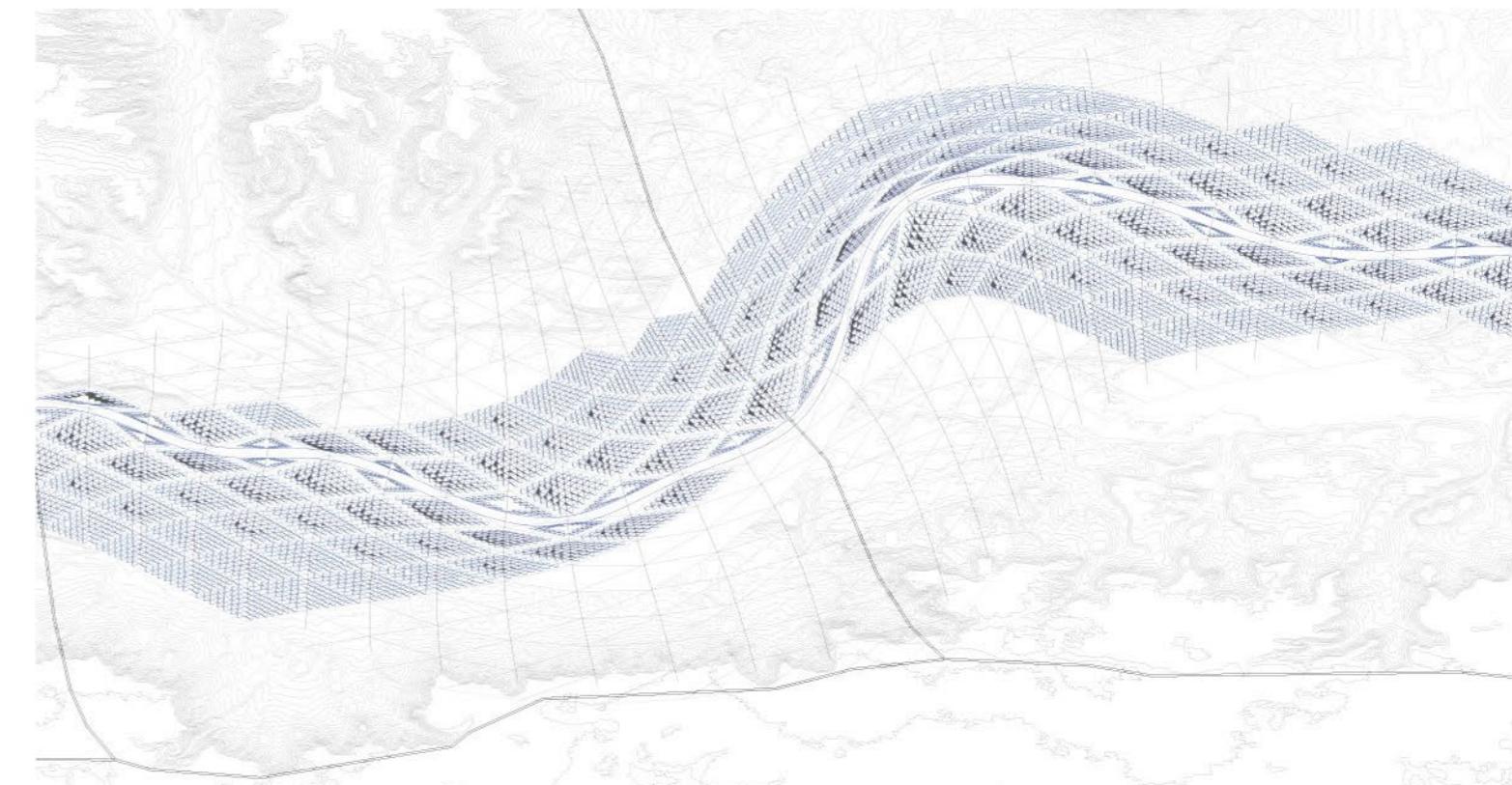
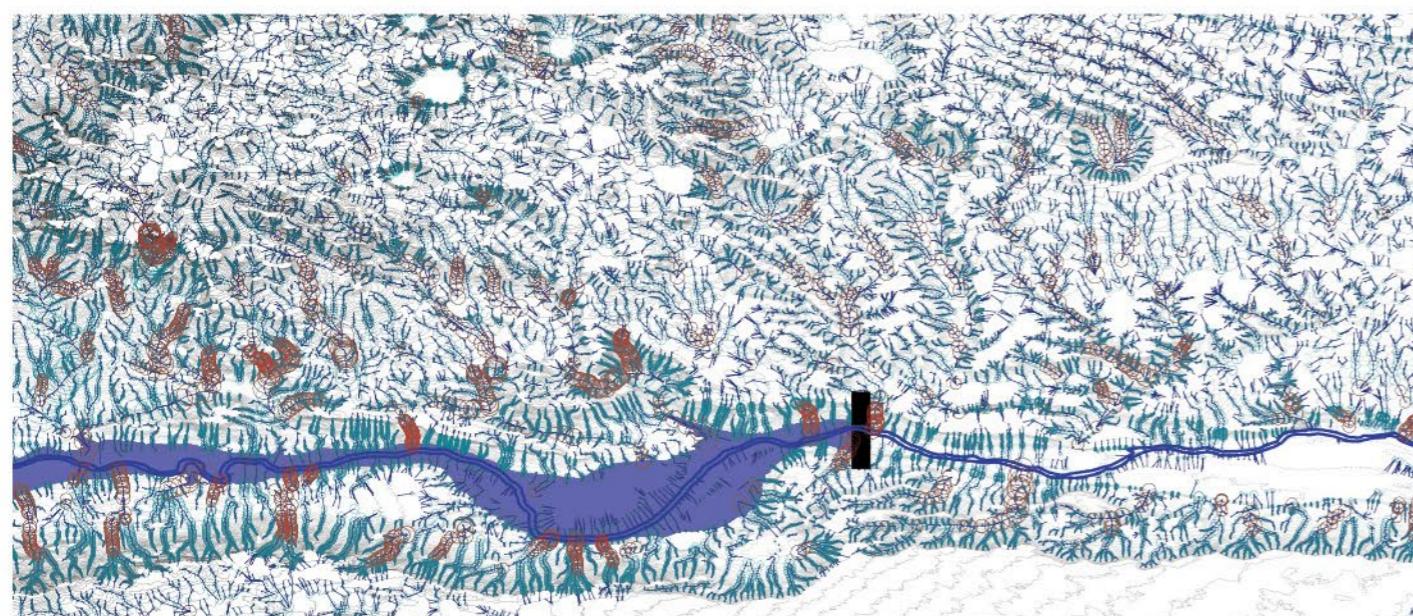
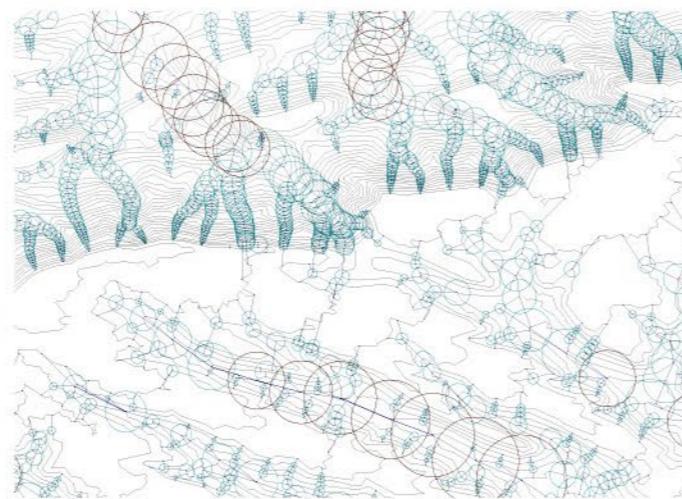
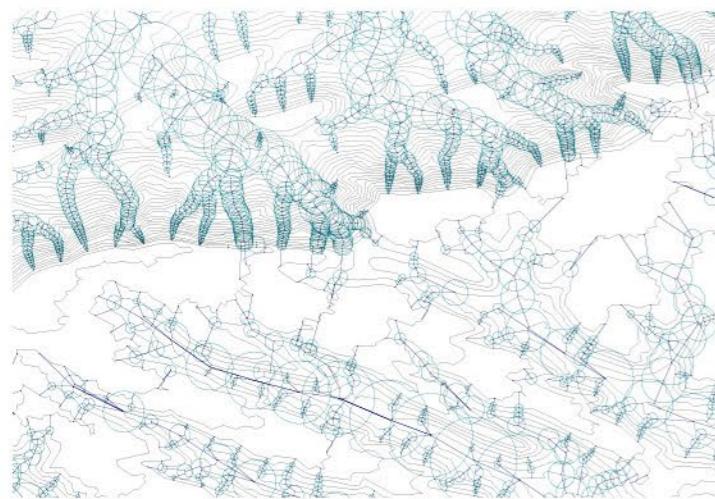
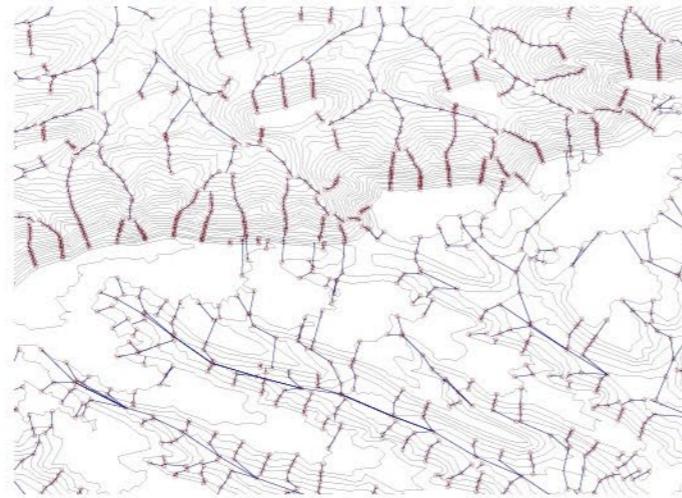
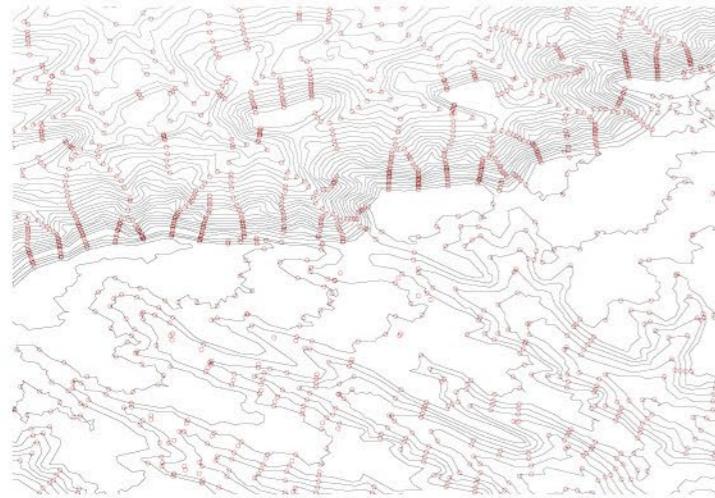
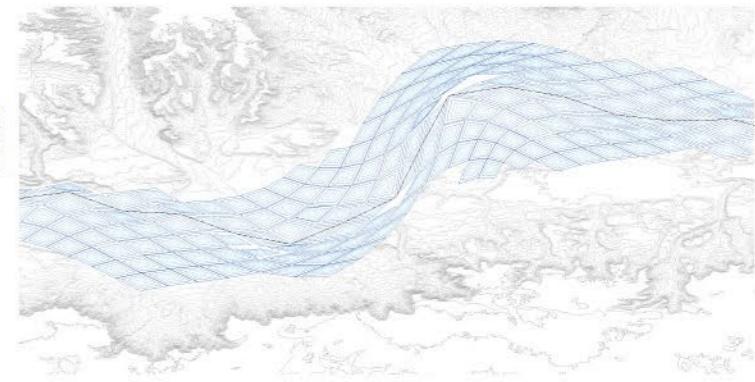
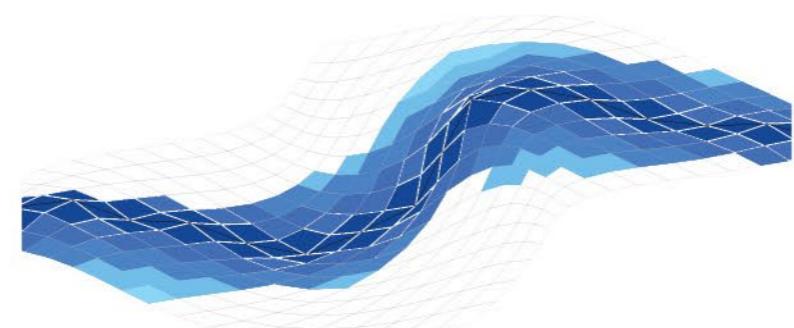
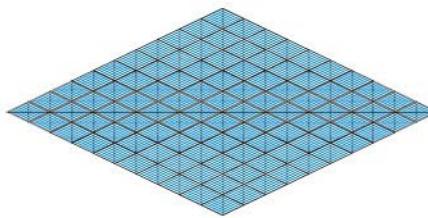
WATERFORMING

Universidad Torcuato di Tella
Buenos Aires, Argentina
2018

Condor Cliff Dam
Landscape - Workshop I & II
Postgraduate in Landscape

Investigation of the land behind the Condor Cliff dam and subsequent readjustment of the land to receive future flooding. Water direction and water level are controlled from multiple branches. Artificial islands are also built for cultivation.

- One year work with a group of 2 members.
- Analysis and project generated in Grasshopper



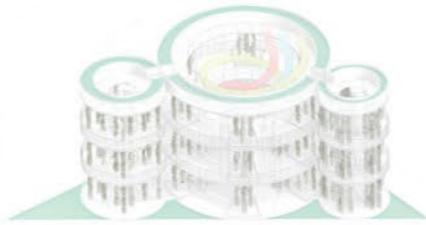
VERTICAL LANDSCAPES

Universidad Torcuato di Tella
Buenos Aires, Argentina
2019

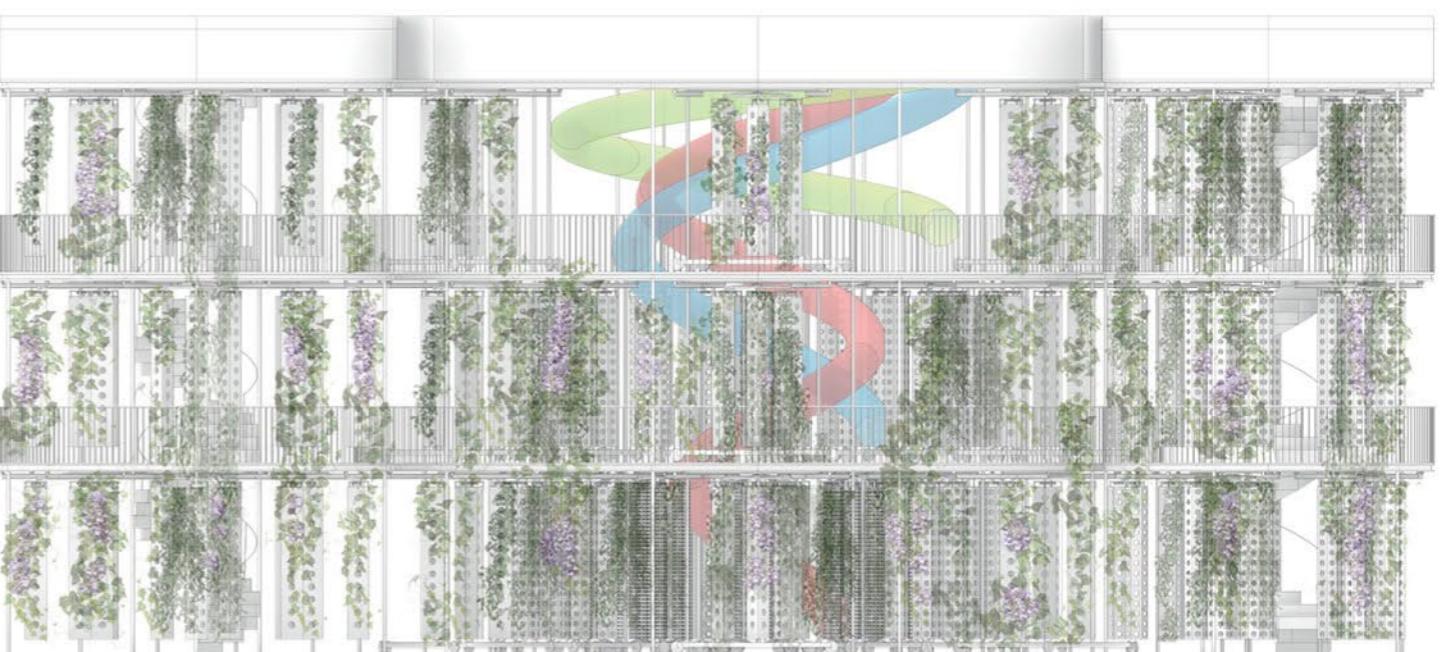
Plaza Building
Architecture and Urbanism
Landscape

Research and development of an Aeroponics building that operates on a small dry square in Buenos Aires, Argentina. The objective is the growth in height while maintaining the character of the square from the cultivation of vegetation of different magnitudes through an Aeroponic system that interacts with the user.

- One semester work with a group of 4 members.
- Preparation of the digital model with Rhinoeros - Grasshopper and post-production in Photoshop.



Referencias
1. Nebulizador
2. Cables de carga
3. Válvula de control hidráulico
4. Cables de carga general
5. Columnas empotradas
6. Láminas
7. Columnas
8. Columnas de refuerzo
9. Tobogán nivel 3-4G
10. Tobogán nivel 2-3
11. Tobogán nivel 1-2
12. Tobogán de resaca
13. Escaleras de acceso
14. Sistema de riego
15. Vivero
16. Viga estructural
17. Vigas estructurales
18. Viga circular



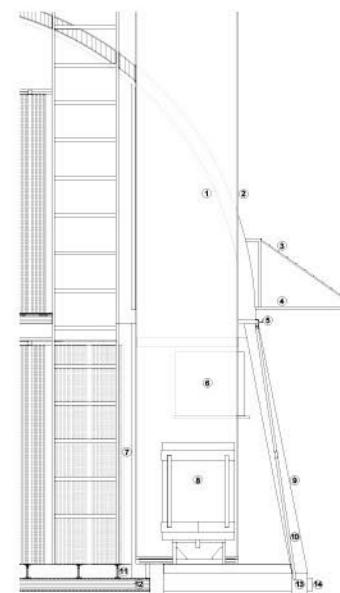
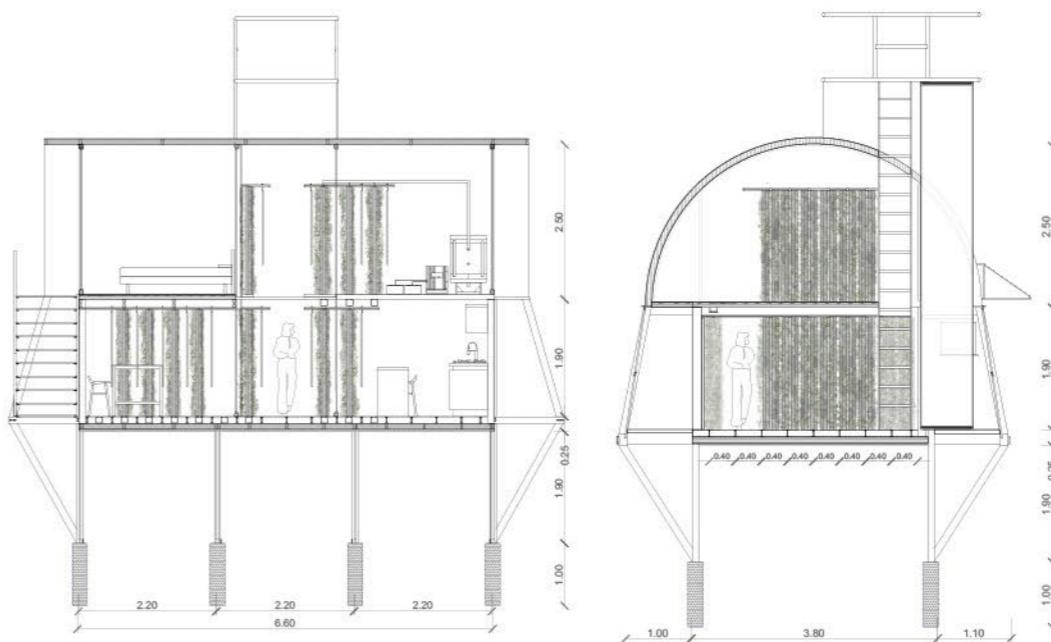
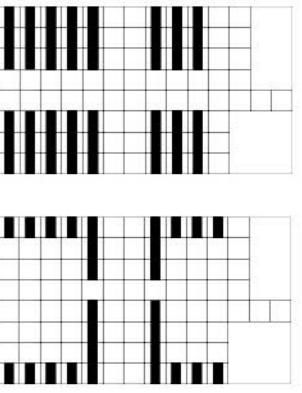
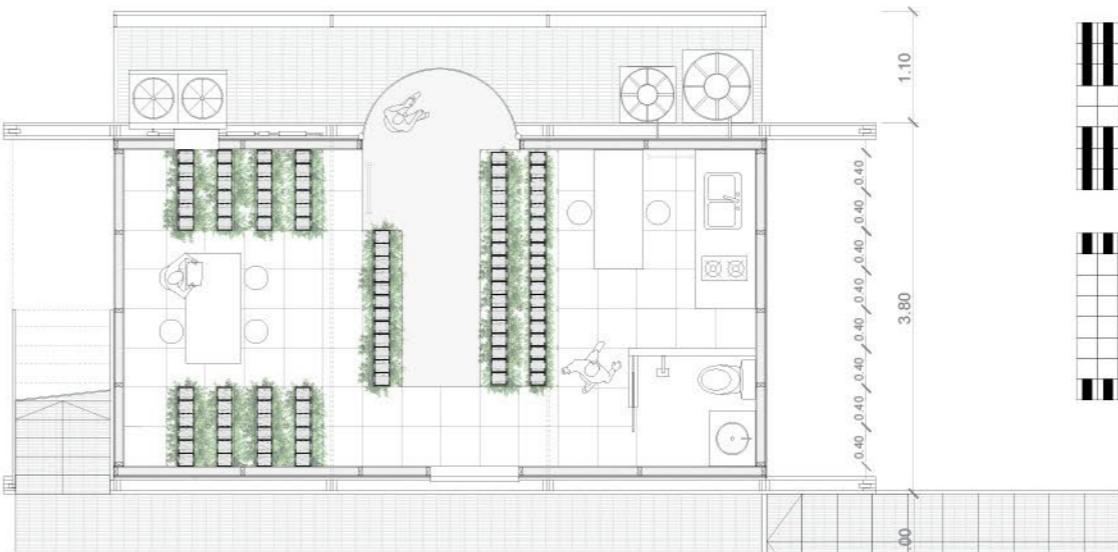
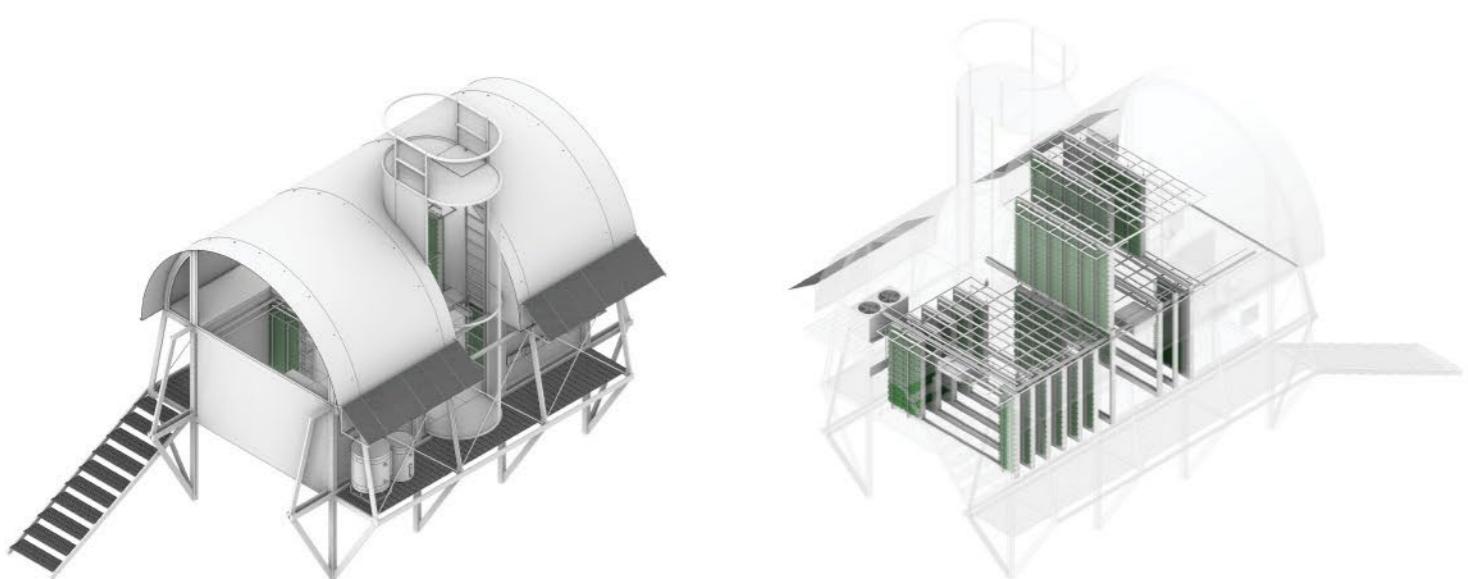
OASIS MODULE

International Competition
Buenos Aires, Argentina
2020

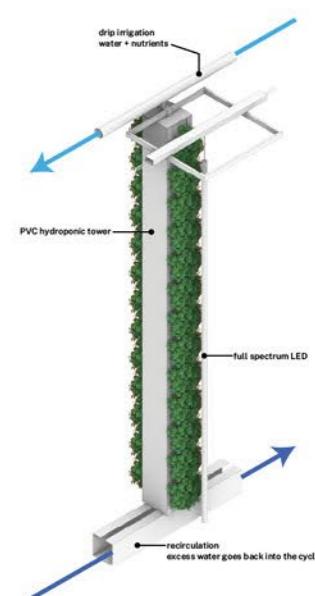
BEE BREEDERS
Microhome - Small living, huge
impact!

Housing development of 25 m² for a young couple. The project seeks to develop different housing arrangements within a limited space looking for maximum efficiency and having a hydroponic system for food self-sufficiency and contact with nature. The project is composed from a modulated grid.

- Work done for international competition in group of 4
- Digital model preparation with Rhinoceros and Rendering in Blender



1. Double layer stainless steel roof sheet
2. Double pane insulated glass lookout window
3. Solar panel
4. Solar panel support structure
5. Zinc metal rain water gutter
6. Energy recovery ventilator (ERV)
7. Steel plate (1 cm x 12 cm)
8. Biodegester B2
9. Rectangular steel bar (10 cm x 4 cm)
10. Aluminum stress cable
11. Raised floor structure (10 cm)
12. SIP Panel flooring
13. Steel plate (1 cm x 12 cm)
14. Self drilling steel plate screws



DESIGN LODGE

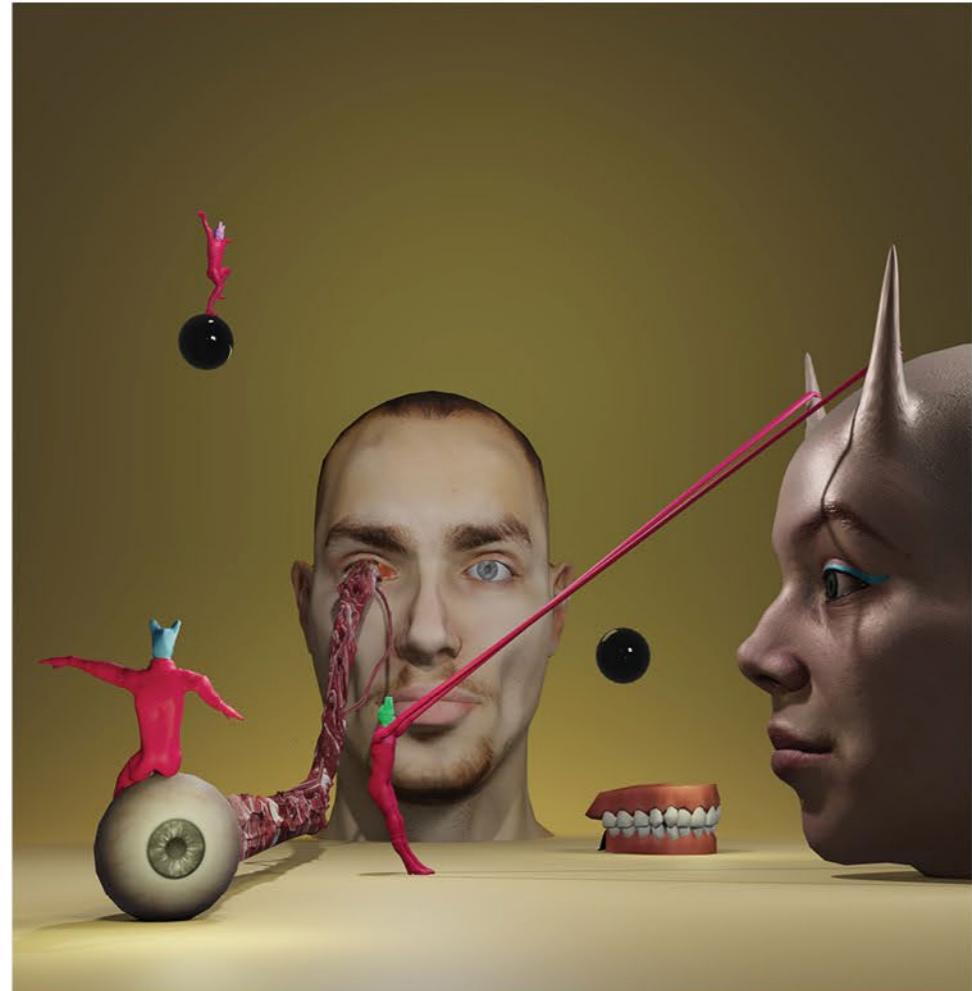
Independent Project
Buenos Aires, Argentina
2020 - Present

3D Scenarios
Digital art
Renders

Digital art project. Instagram: @designlodge_

This project focuses on the creation of spaces and characters living in these invented worlds. Part of these works transformed into digital art and sold as Cryptoart on the Rarible platform.

•All artwork is generated in Blender and post-production is done in Adobe Photoshop - Adobe After Effects.



CG SEGA/AMPLITUDE

Private Competition - Second Place
Buenos Aires, Argentina - France
2020

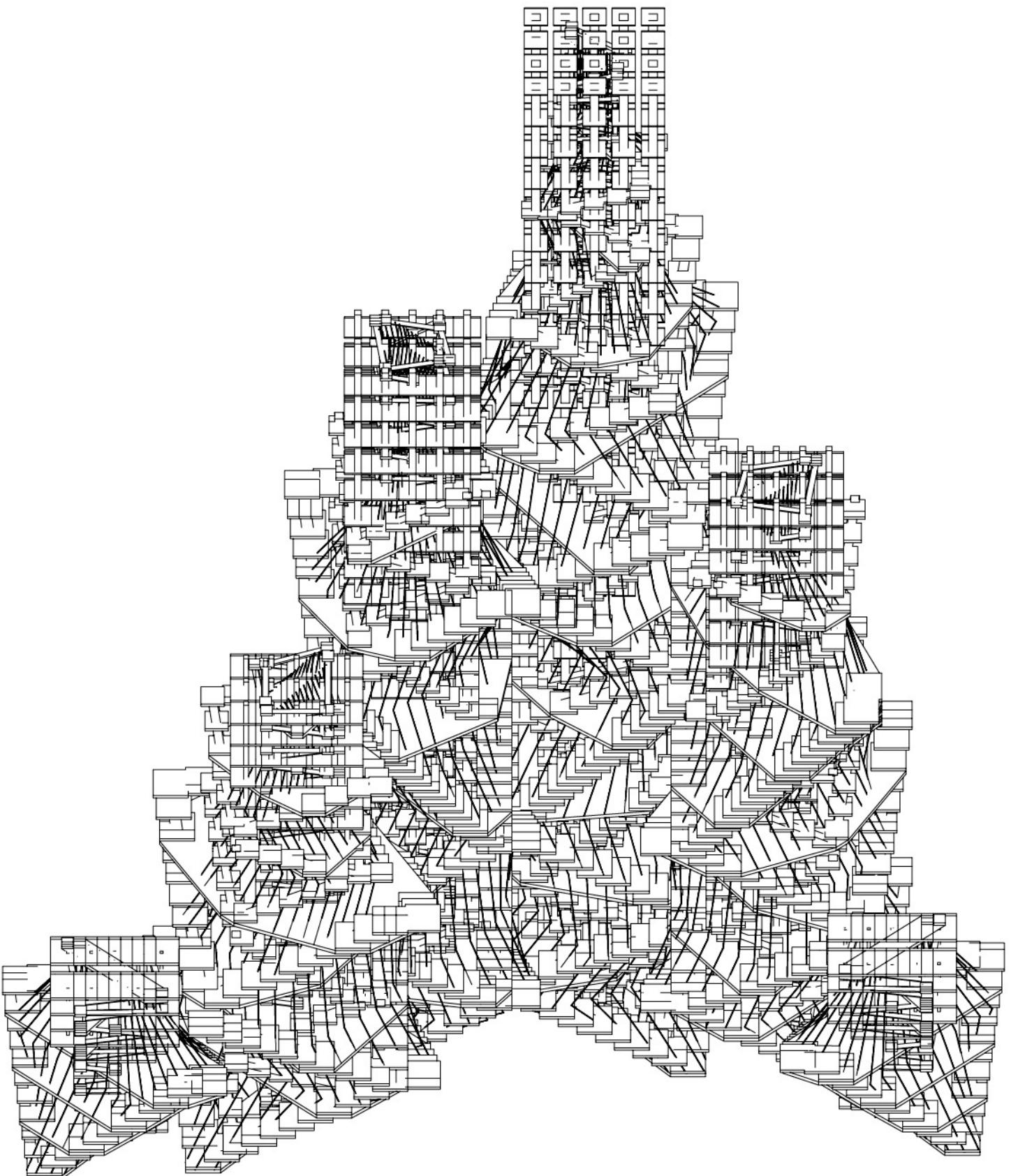
3D Stages
International

Private contest to develop the images for the Endless Space game.

Design and modeling of the spaceship and its environment. Made in Blender individually to be part of the image development group for the game - First Phase Development of 3D scenario and composition of the final image for the game Endless Space. Developed in a group of 6 people and competed against 3 other groups from different countries - Second Phase

•Everything was developed in Blender and post-produced in Photoshop.





Tomás Levy Daniel
Architecture and Design
Selected works 2018-2020
August 2020