

SOFIA BILOTTE

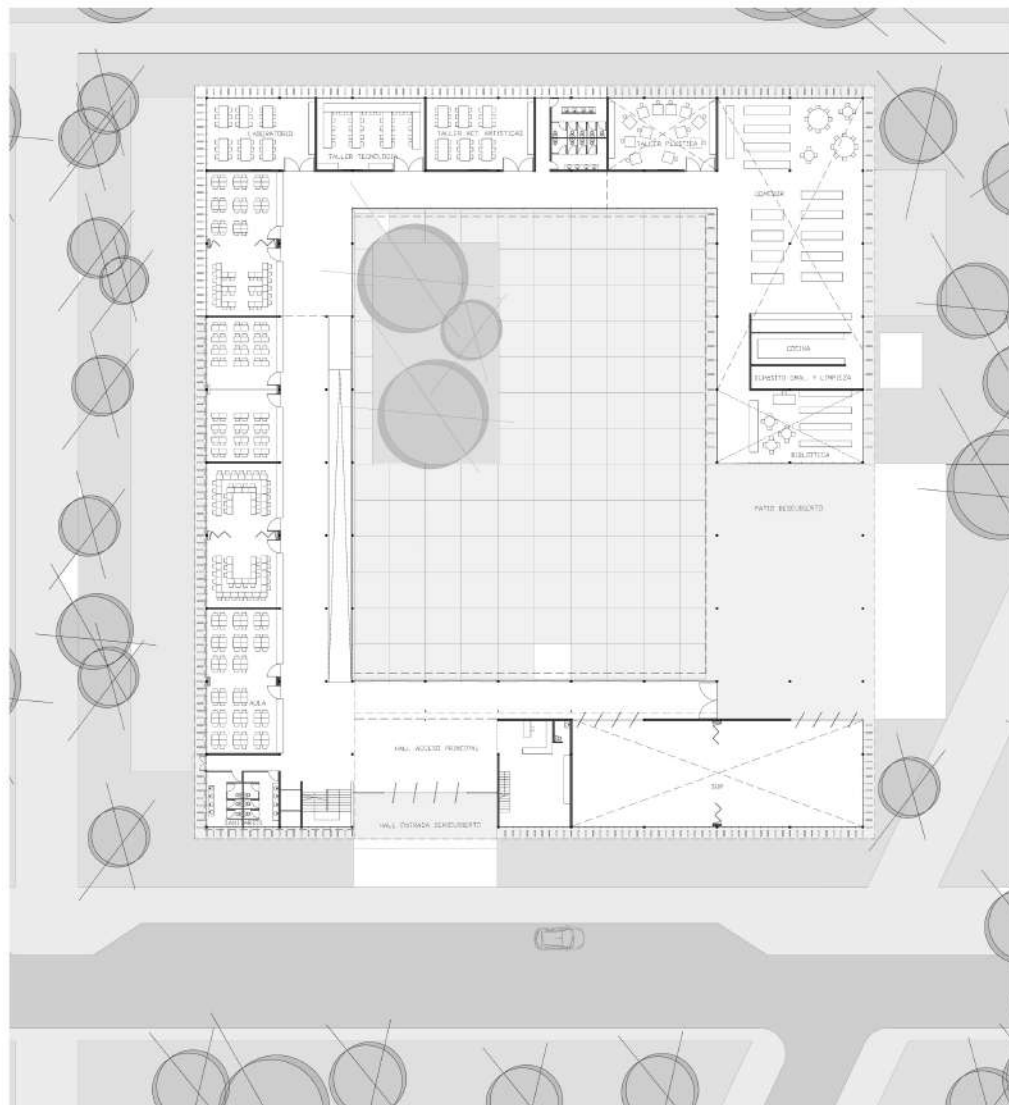
Selected works

# SCHOOL PROJECT

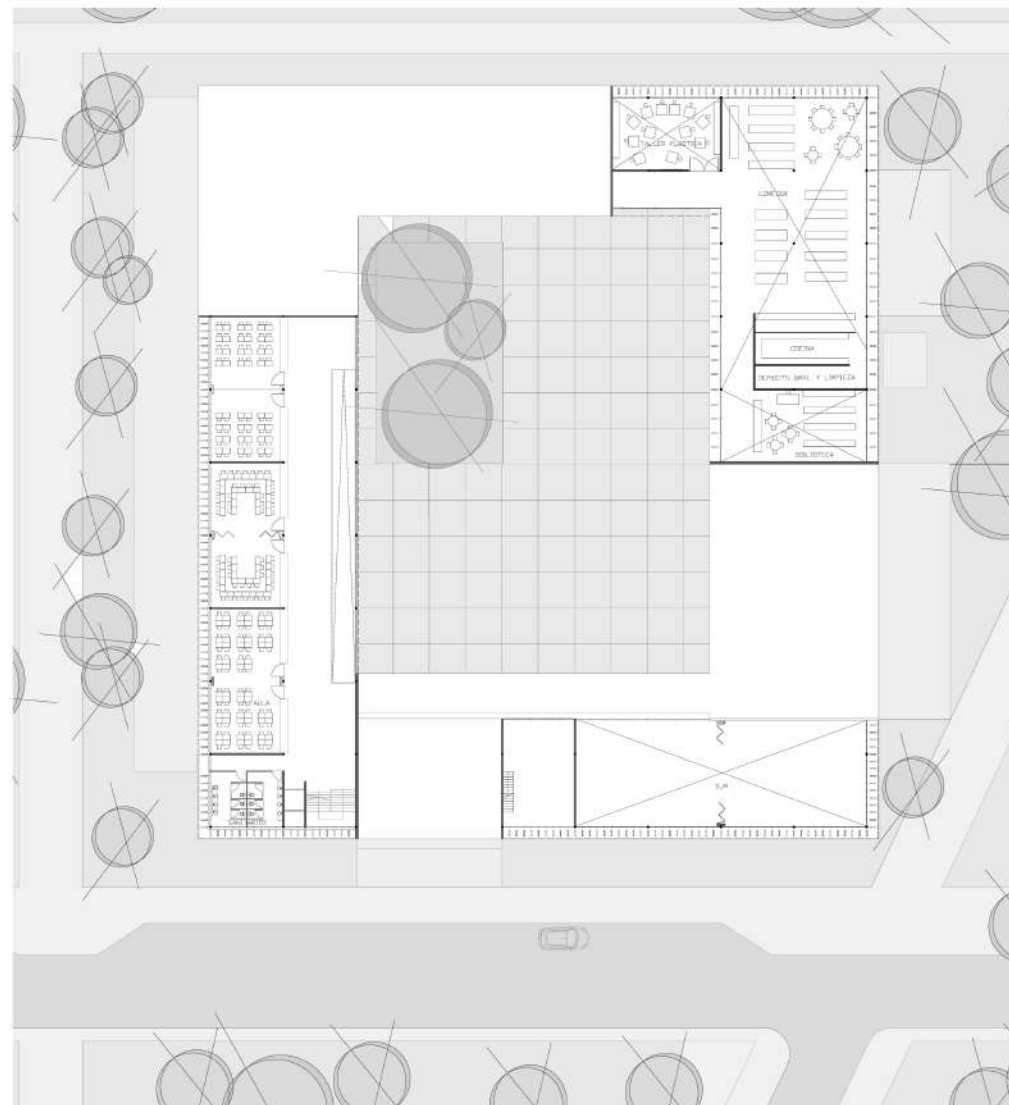
Design II - Buenos Aires, Argentina - 2017

Contributions: concept development, 2D drawing, physical models, 3D modeling

Software: Revit, Autocad, Sketchup, Photoshop, Lumion

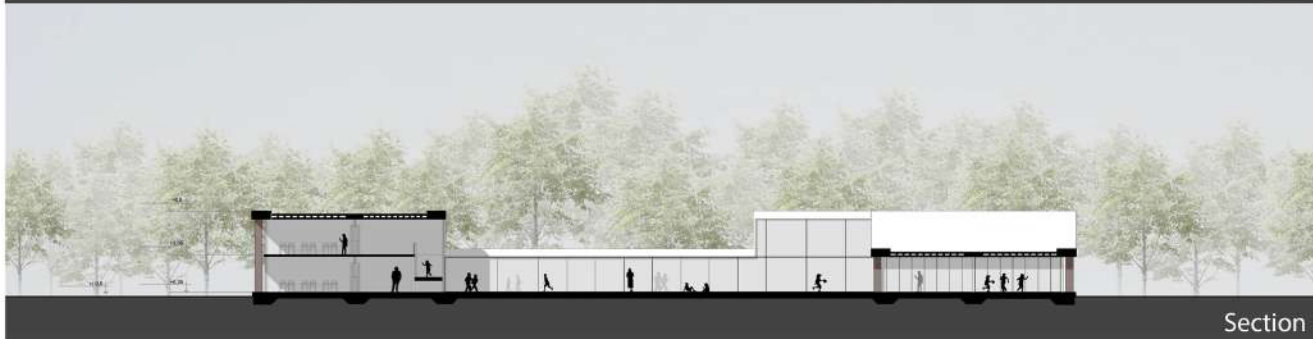
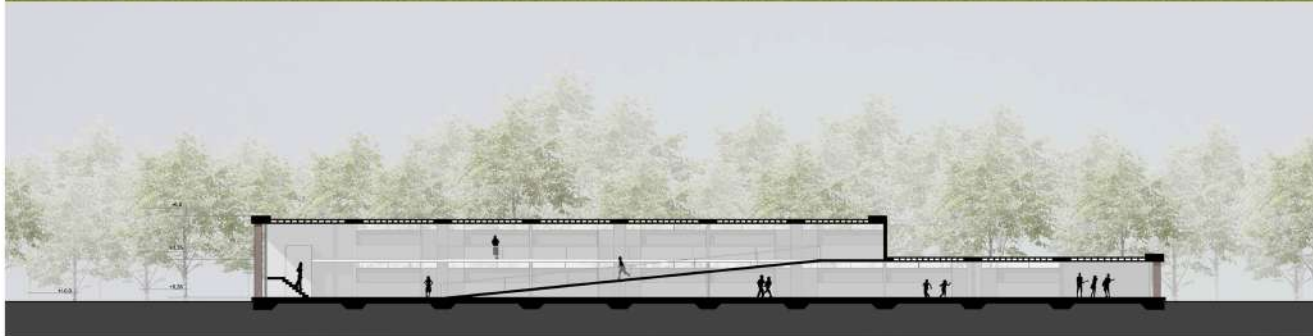


Floorplan 0m



Floorplan +3.20m

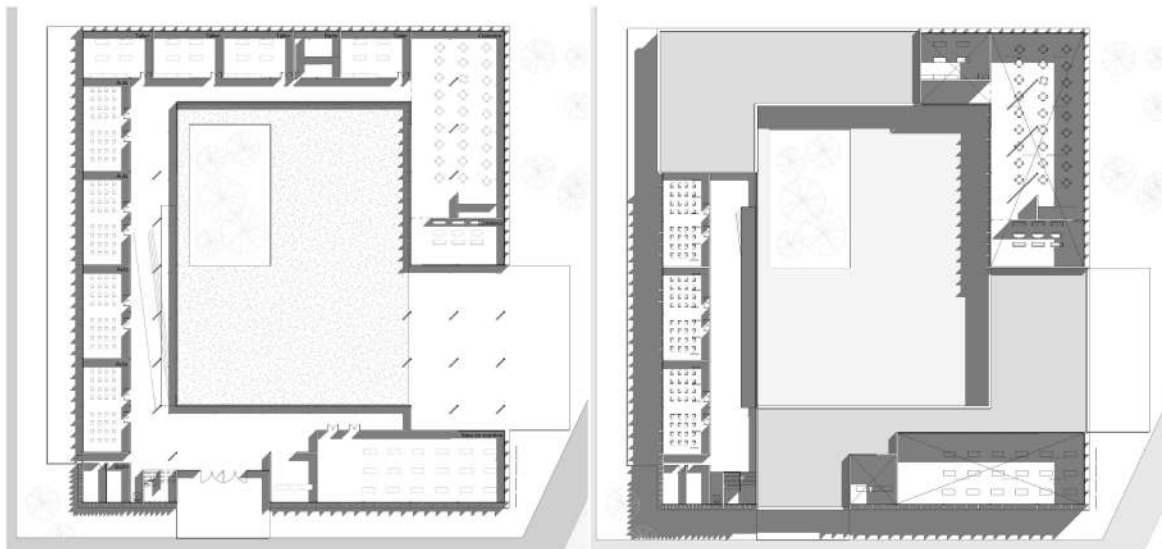
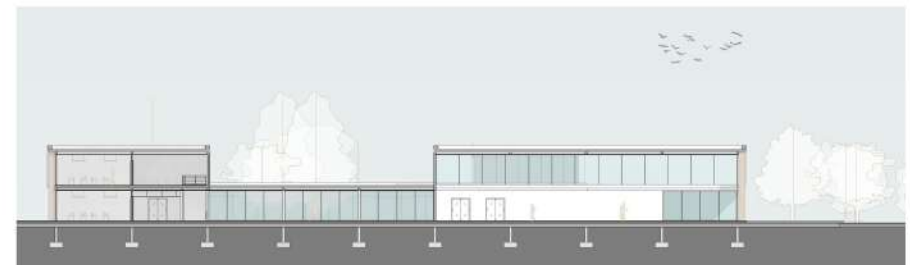
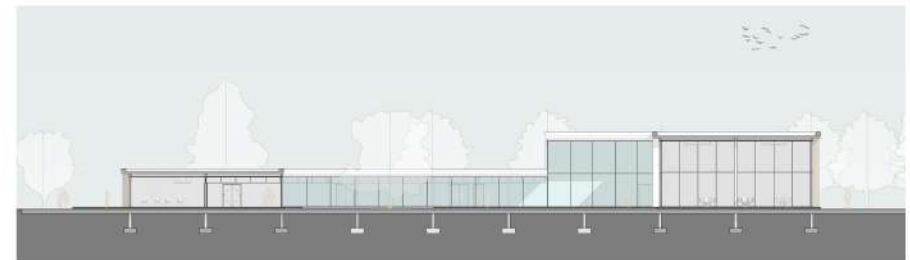
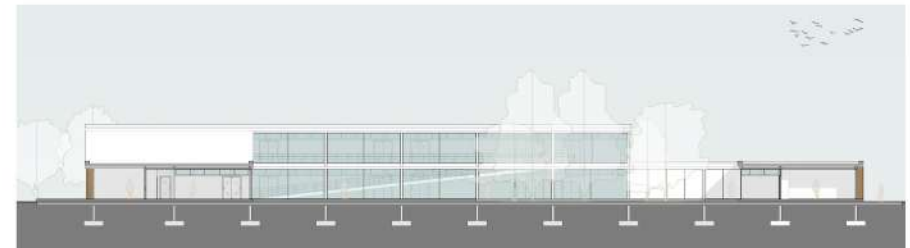
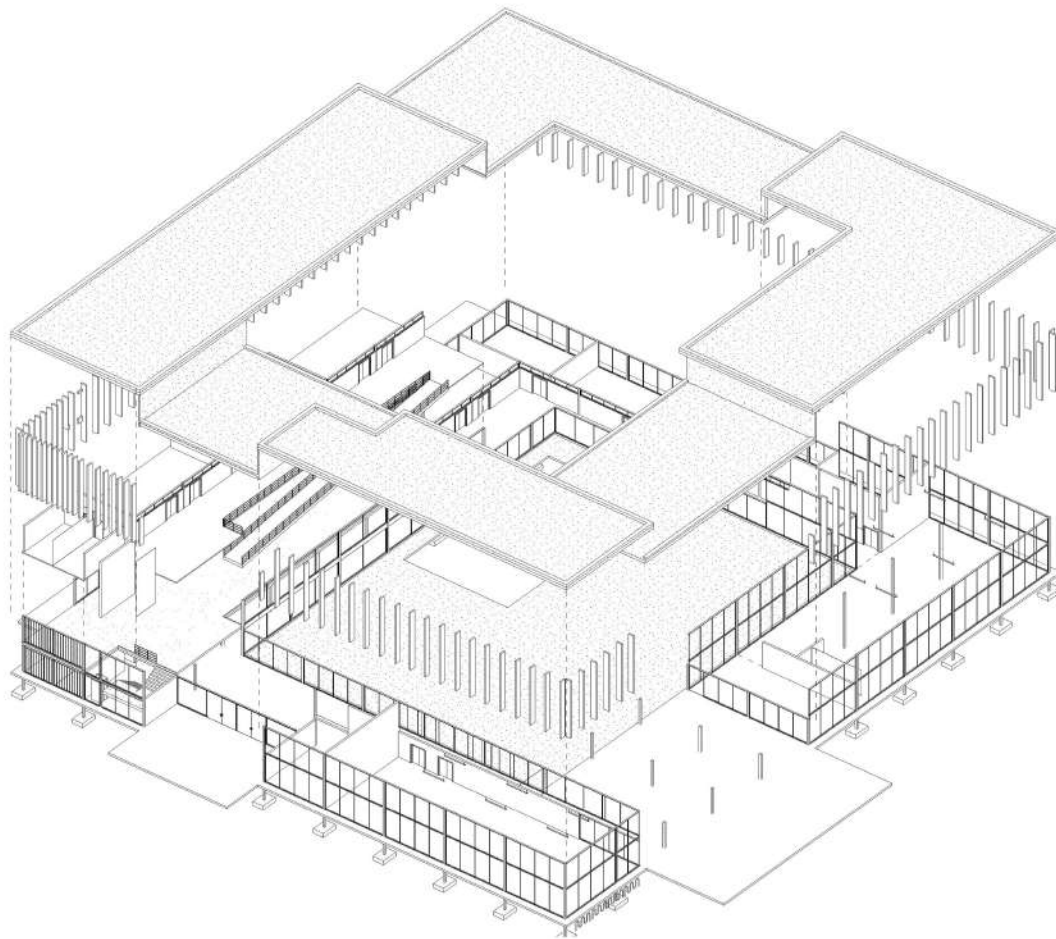
Roofs were designed respecting different uses the building called for. The dinning room has double height while classrooms don't, as it is not necessary. The building is formed around a cloister or courtyard, providing a safe place for break-time.



Section



SCHOOL PROJECT  
Computer representation assignment- Buenos Aires, Argentina - 2020  
Revit course - Model previous project only with Revit  
Software: Revit,Photoshop

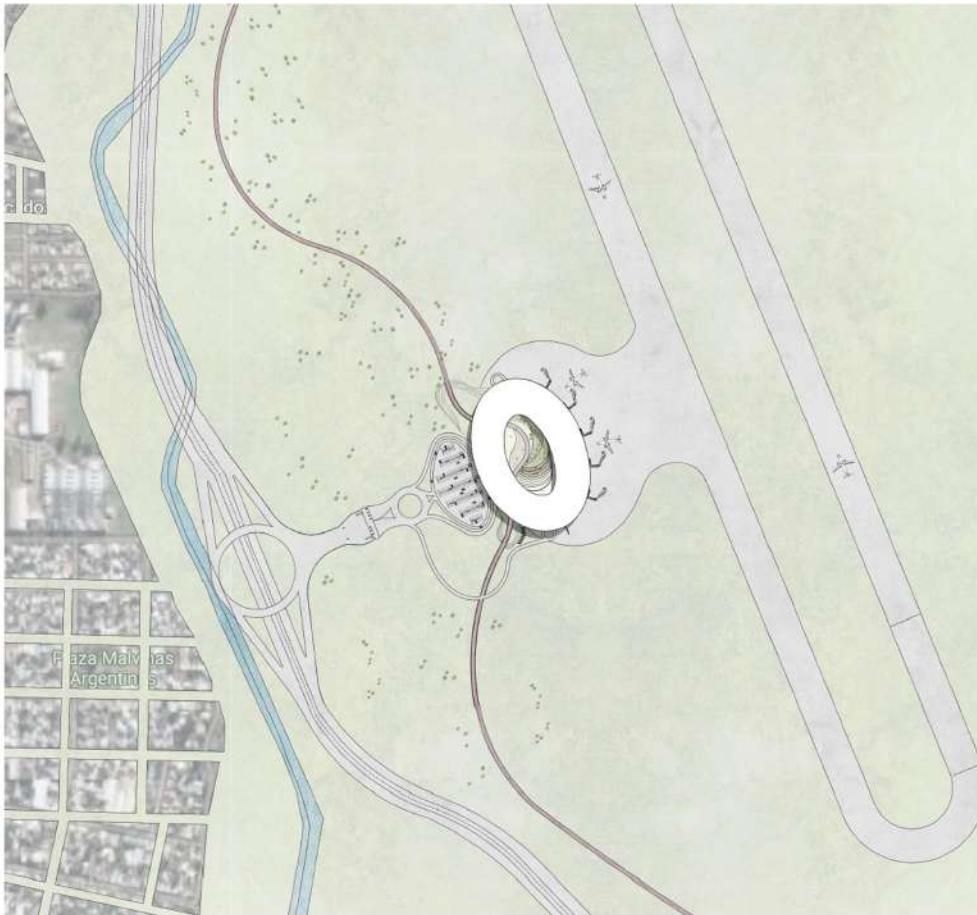


# REGIONAL AIRPORT - A continuous spiral

Design IV - Buenos Aires, Argentina - 2019

Contributions: concept development, 2D drawings, physical model, 3D modeling

Software: Autocad, Photoshop, Illustrator, InDesign, Sketchup, Lumion



General Floorplan



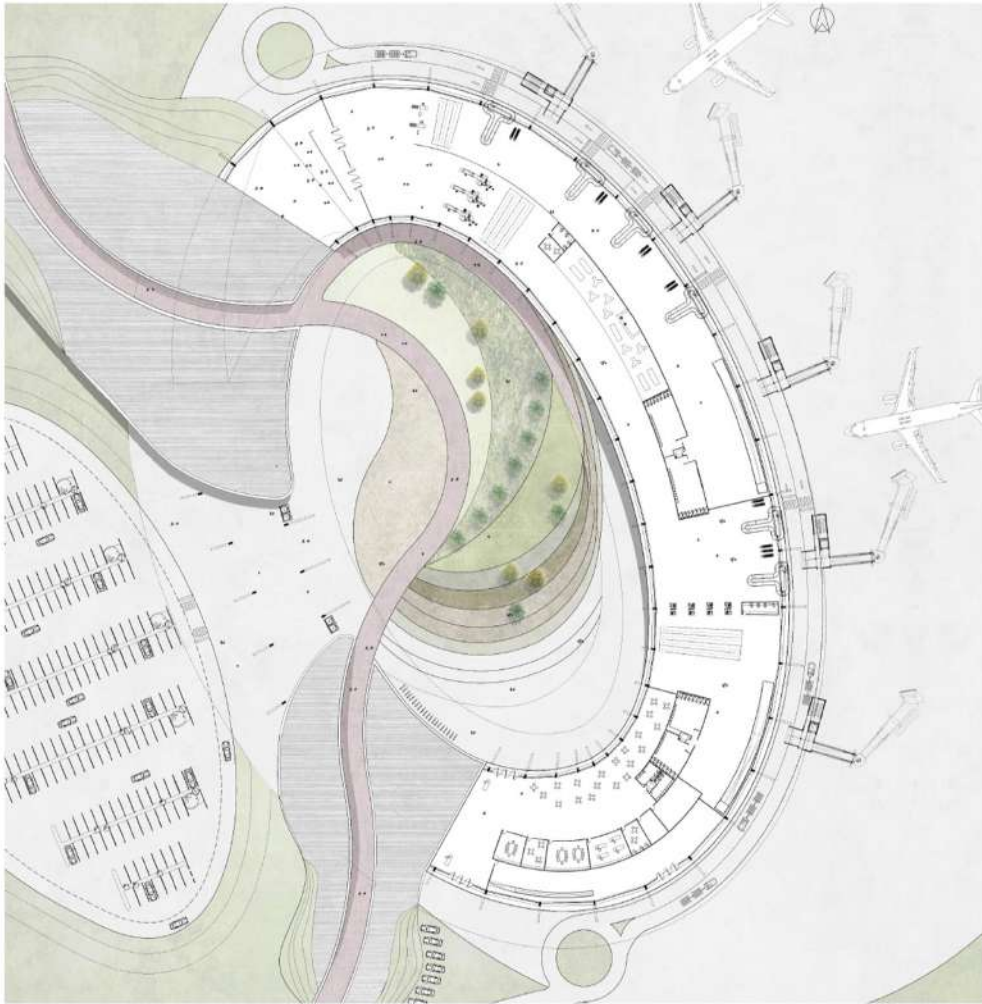
Visualization of main park

The main objective this airport achieves is benefiting not only the travelers but also the neighbourhood around it. An infrastructure this big shouldn't be approached only by its functionality but also taken as an opportunity to better its surroundings.

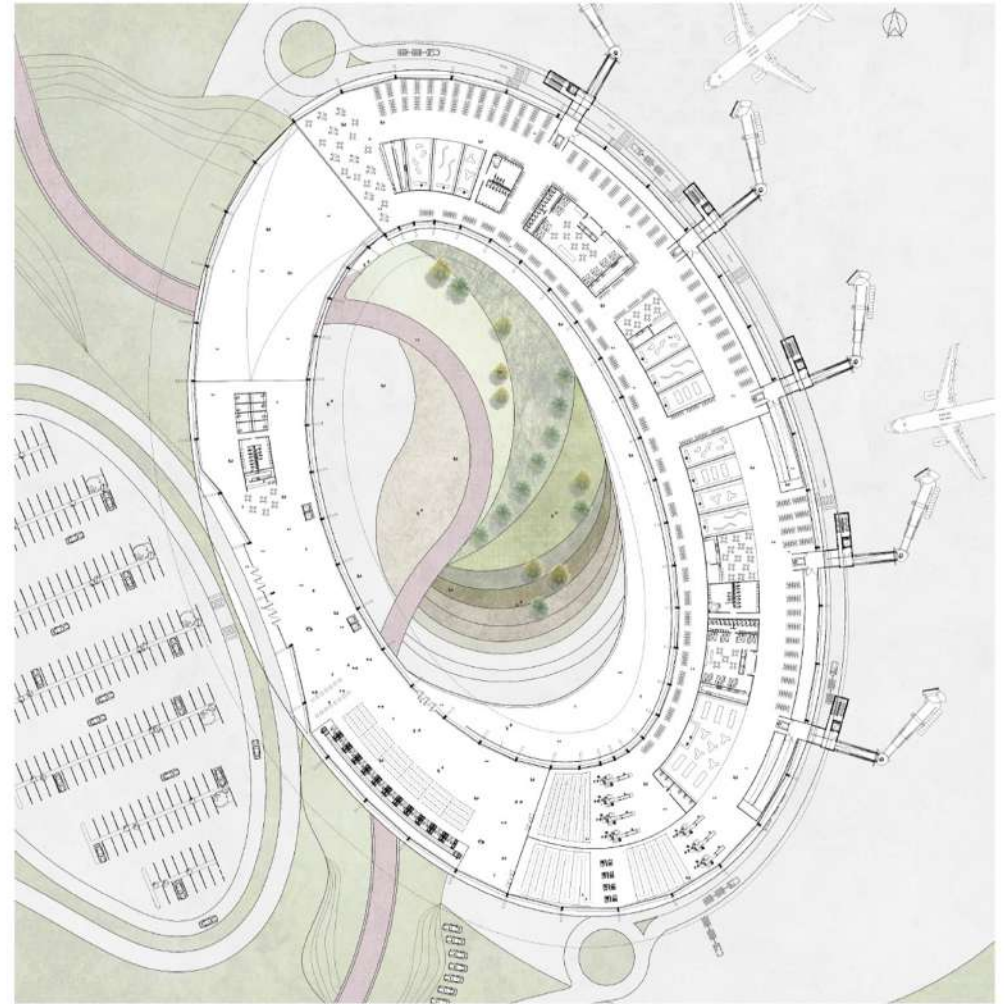
The terminal's morphology creates a public area in its center. The building hugs an open park that continues the ecopark in the neighborhood and connects it with a bike path and a pedestrian walkway that intersects it. In this way, many users converge at the airport enriching the experience and consolidating it as an icon.

The building allows for a constant relation with the exterior and its visuals setting up a more friendly experience for users. The greenery outside also creates shade to better the temperature and light exposure.

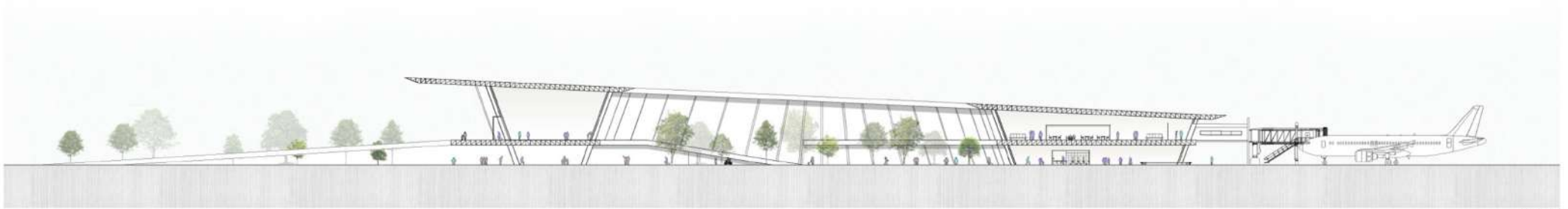
The airport's circulation correlates with its shape, one continuous spiral. The way to transit it is very intuitive, following a counter clockwise flow. The entrance and check-in area are located on the second floor to create a clear division between users who want to access the park and the travelers. After check-in, people follow the flow to the right to go through security and to their flight. People landing get off their plane and follow the counter clockwise movement to get their luggage, and walk up the ramp to return to the check in area. The main park located in the middle generates a pleasant ambience with a curated and contained space which everyone benefits from. It becomes part of the neighborhood's everyday existence and brings greenery and life to travelers. A place to wait between flights or when picking someone up and a park for office workers and support staff.



Floorplan 0m



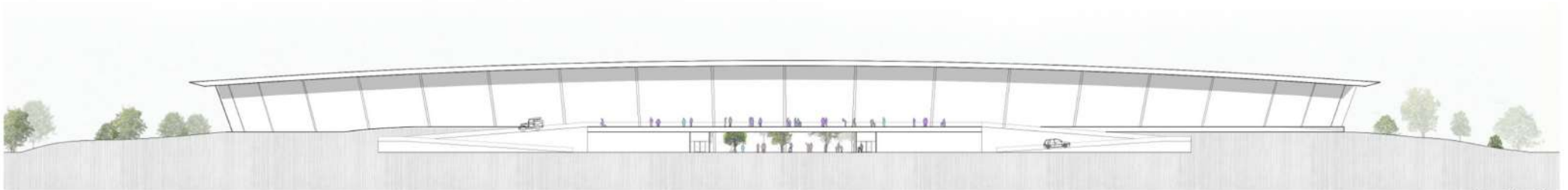
Floorplan +5.00m



Section



Section



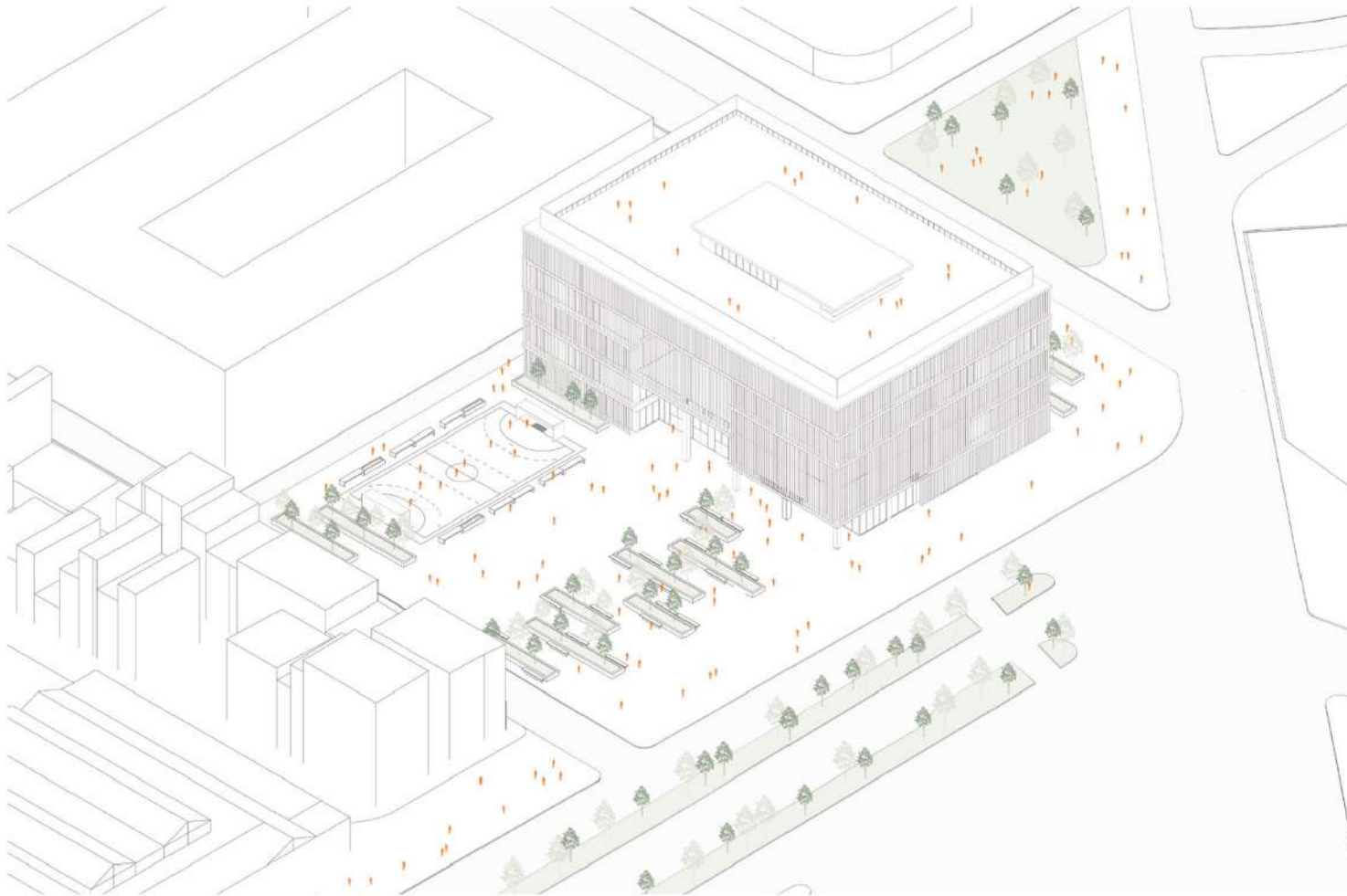
Front elevation

# RECREATIONAL CENTER

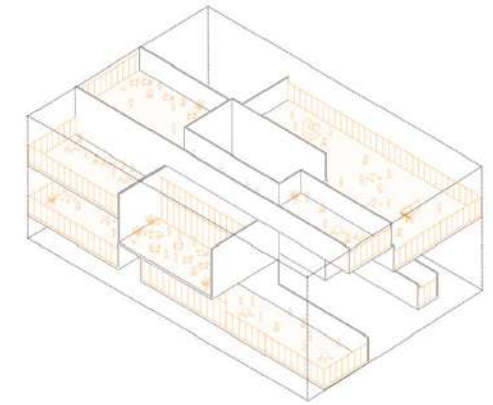
Final Thesis, Design V - Buenos Aires, Argentina - 2020

Contributions: concept development, 2D drawing, physical models, 3D modeling

Software: Revit, Autocad, Sketchup, Photoshop, Illustrator, InDesign, Lumion

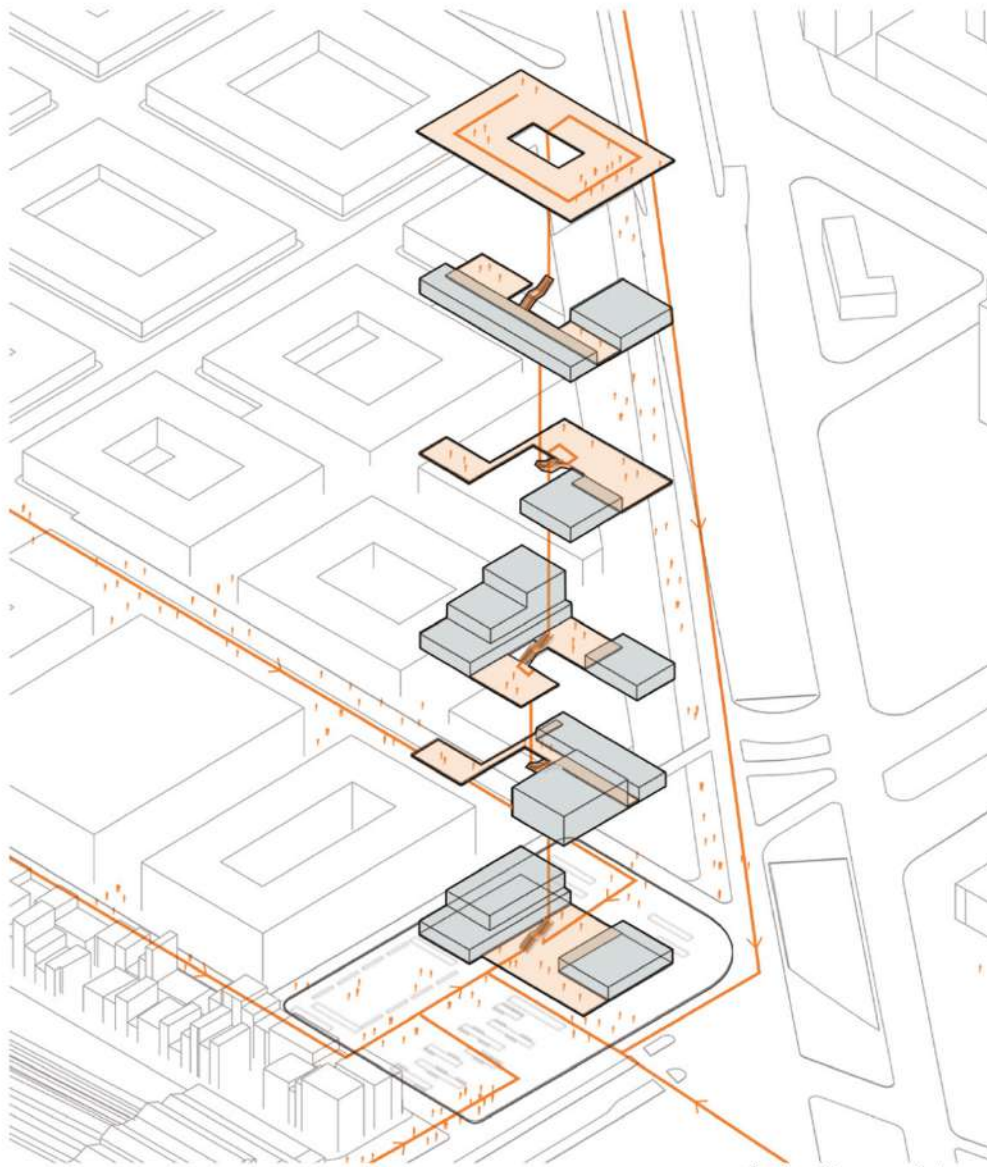


Axonometric

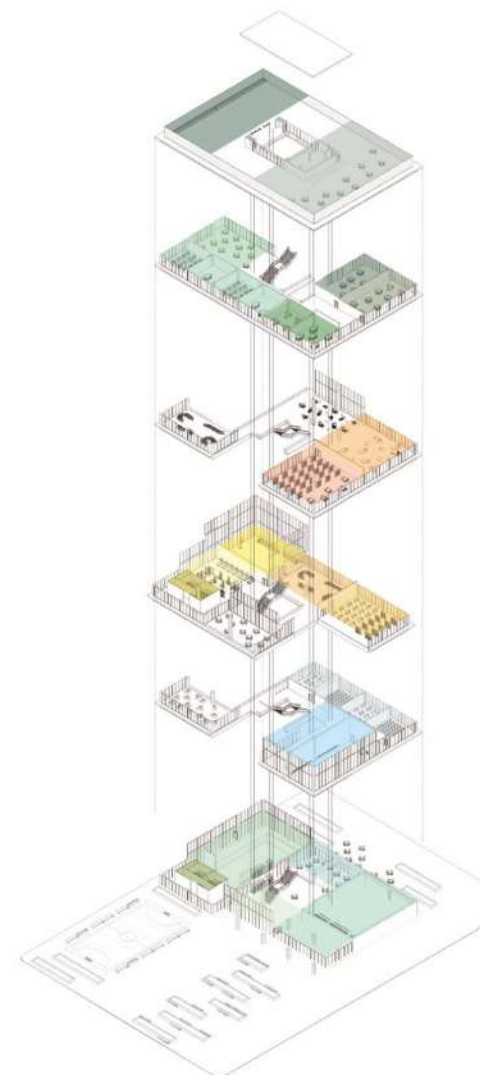


Conceptual diagram for common areas

This project is located in a very controversial lot in the city of Buenos Aires, right between the city center and one of the biggest informal housing settlements in the country "Barrio 31". The building creates a connection between these two areas and proposes a wide variety of uses that both neighbourhoods can benefit from. The program includes a gym, courts, offices, library, classrooms, casual restaurants, and an auditorium. The main concepts worked with when designing this building and its intricacies were the connections between people from both areas, relations between the different uses and correspondance between the served and servant spaces. The building can be understood as a sort of tetris that houses the coexistence of the mutiple uses, structures and heights for the spaces the program asked for. The orange platforms that sow the building together and its uses represent circulatory areas that allow for the integration and coexistence of the users.

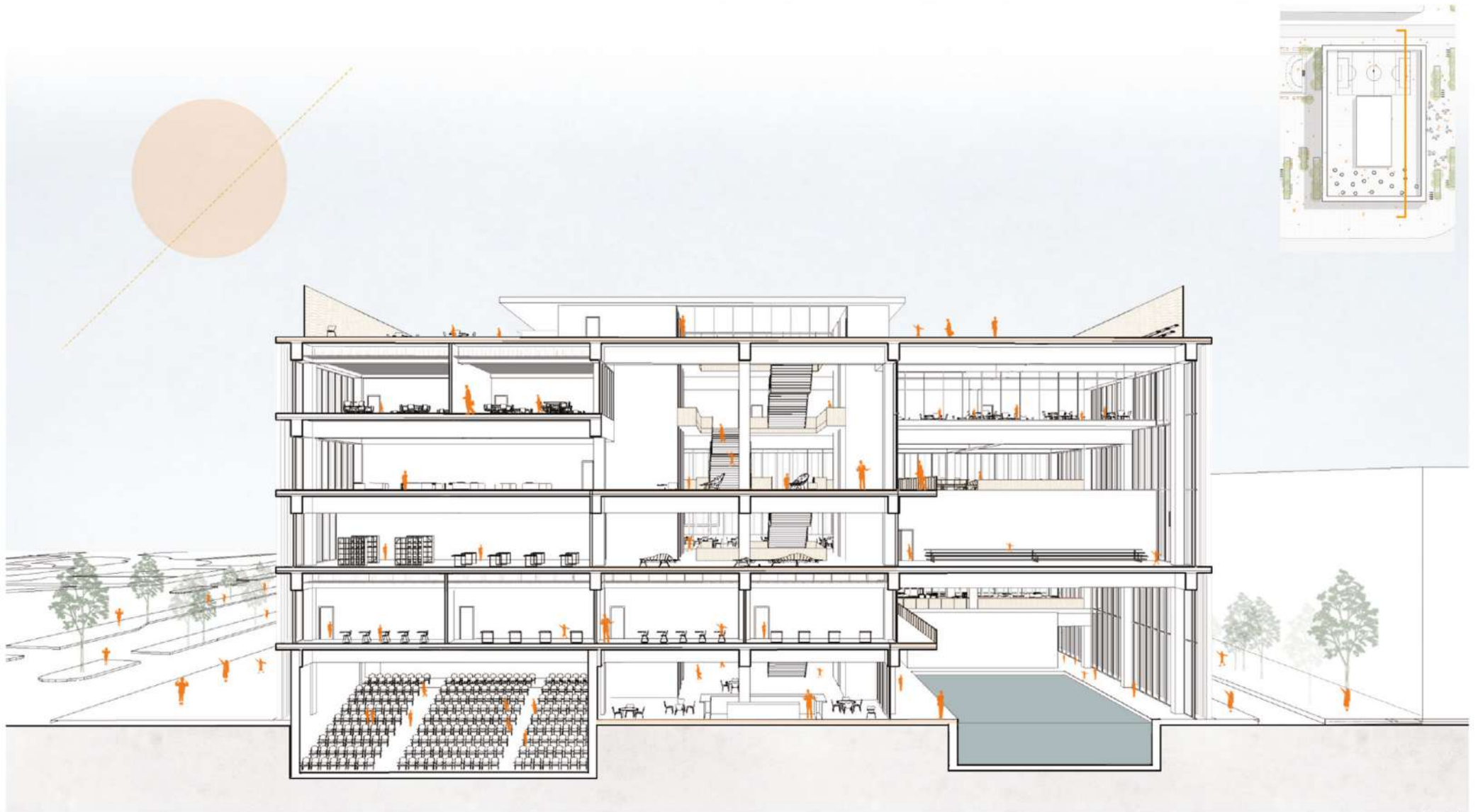


Public platforms vs private uses



- 6**
  - cancha mixta
  - bar / cocina
  - depósito / sala de máquinas
- 5**
  - espacio de trabajo
  - administración / archivo
  - oficinas
  - salas de reuniones
  - co-working
- 4**
  - biblioteca / mediateca
  - S.U.M.
- 3**
  - espacio de fabricación
  - gimnasio
  - cancha chica
  - vestuarios / depósito
  - espacio de exposiciones
- 2**
  - talleres de artes plásticas
  - salas de danza
- 1**
  - hall de acceso
  - auditorio
  - foyer
  - café
  - pileta recreativa
  - vestuario / depósito

Uses and distribution



Section



Front facade elevation



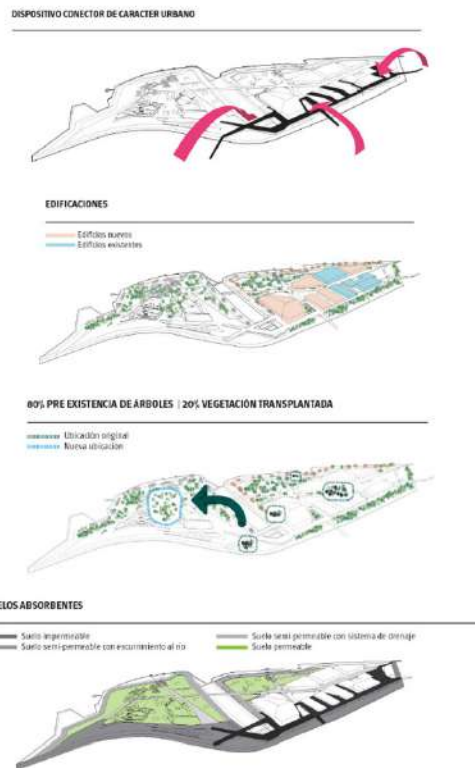
Visualization of common area



Visualization

City of Buenos Aires' River Bank Competition - 2020  
Contributions: design, documentation  
Software: Autocad, Photoshop, Illustrator, InDesign, Sketchup, Lumion

Large cities organized in regular grids such as Buenos Aires cause disconnections and/or anomalies, creating a border between the urban area and the riverside. These two independent entities show poor pedestrian accessibility, the absence of human scale and the presence of spaces without character or specificity. These spaces commonly end up generating “no places”. The hypothesis of this project reconstructs the link between city and river, understanding the potential of the spaces destined to the “Young District” of the city as a center of attraction and cultural activation. In order to do this, an urban piece that condenses different strategies related to accessibility, public space and the uses required by this new neuralgic center was developed. It managed to increase the pedestrian use of the area generating routes on different levels, both walking and cycling paths. It proposes areas of opportunity and exchange while being linked to both existing and new centralities.



### Concept and organization



Master plan



# RICARDO PEREYRA IRAOLA

Residential architecture - 2018 - Lujan, Buenos Aires

Contributions: documentation, presentation



# RICARDO PEREYRA IRAOLA - GRUPO ANGULAR

Real estate development - 2019

Contributions: documentation, presentation

Software: Autocad, Photoshop



Unidades  
2, 3, 4, 5 A

Ambientes



Superficie

Cubierta 69,88 m<sup>2</sup>  
Balcón 10,6 m<sup>2</sup>  
Total 80,48 m<sup>2</sup>

Ubicación



LOICA

\* Las medidas indicadas en el plano son aproximadas. Este archivo y su contenido no podrá ser considerado como un plano oficial e definitivo.

TIZADO



Unidades

2, 3, 4, 5 D

Ambientes



Superficie

Cubierta 45,90 m<sup>2</sup>  
Balcón 3,30 m<sup>2</sup>  
Total 49,20 m<sup>2</sup>

Ubicación



2, 3, 4, 5 D

LOICA

\* Las medidas indicadas en el plano son aproximadas. Este archivo y su contenido no podrá ser considerado como un plano oficial e definitivo.

TIZADO



Unidades

1, 2, 3, 4, 5 C

Ambientes



Superficie

Cubierta 76,71 m<sup>2</sup>  
Balcón 9,31 m<sup>2</sup>  
Total 86,02 m<sup>2</sup>

Ubicación



LOICA

\* Las medidas indicadas en el plano son aproximadas. Este archivo y su contenido no podrá ser considerado como un plano oficial e definitivo.

TIZADO



Unidades

1, 2, 3, 4, 5 E

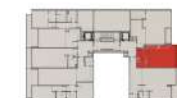
Ambientes



Superficie

Cubierta 31,09 m<sup>2</sup>  
Balcón 4,39 m<sup>2</sup>  
Total 35,48 m<sup>2</sup>

Ubicación



1, 2, 3, 4, 5 E

LOICA

\* Las medidas indicadas en el plano son aproximadas. Este archivo y su contenido no podrá ser considerado como un plano oficial e definitivo.

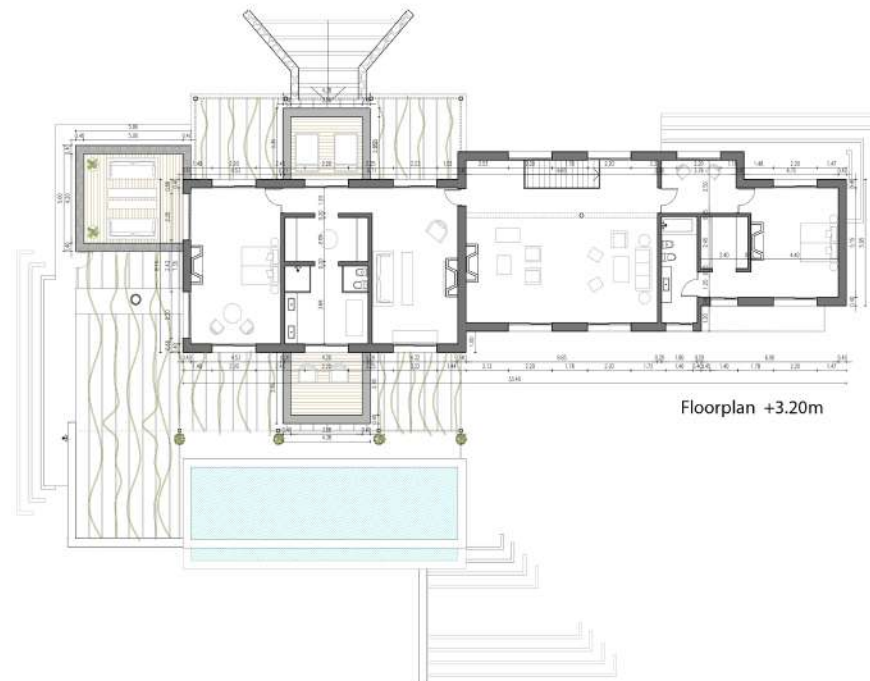
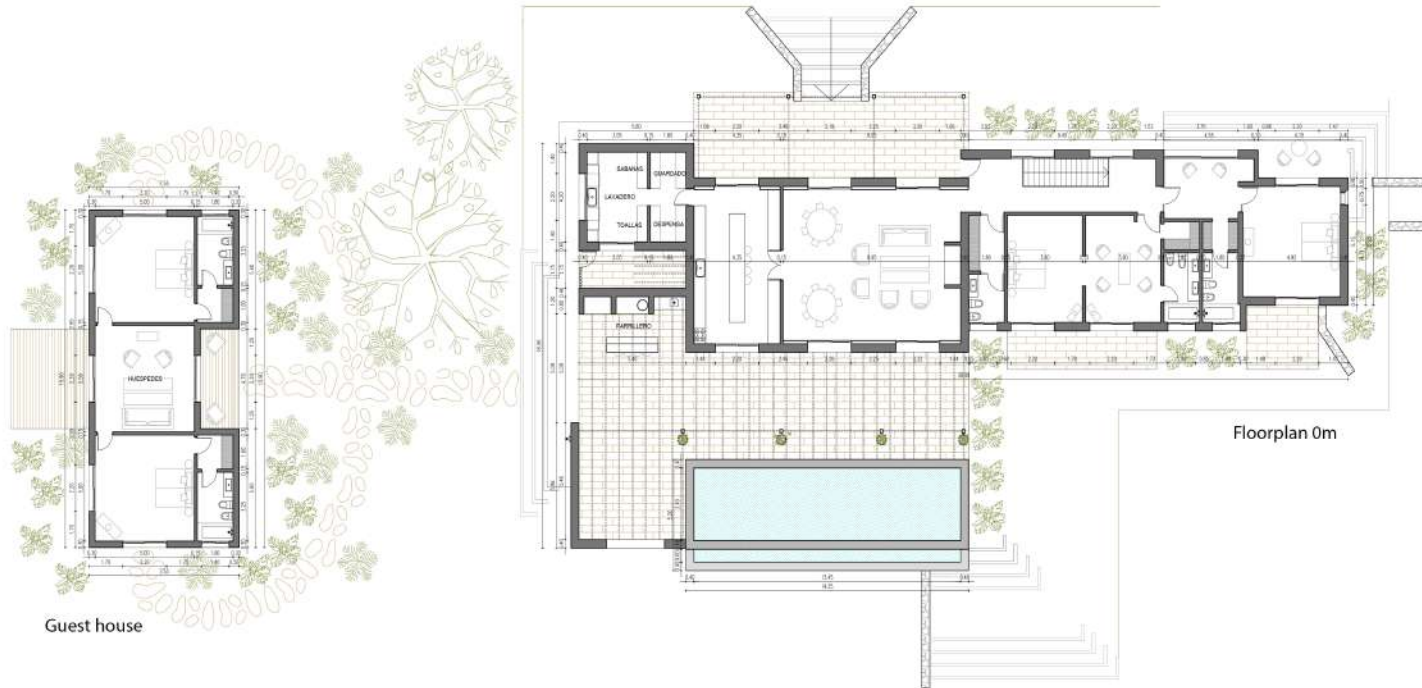
TIZADO

# AZUL GARCIA URIBURU

Beach house - 2020 - Punta del este, Uruguay

Contributions: documentation, presentation

Software: Autocad, Photoshop



General floorplan

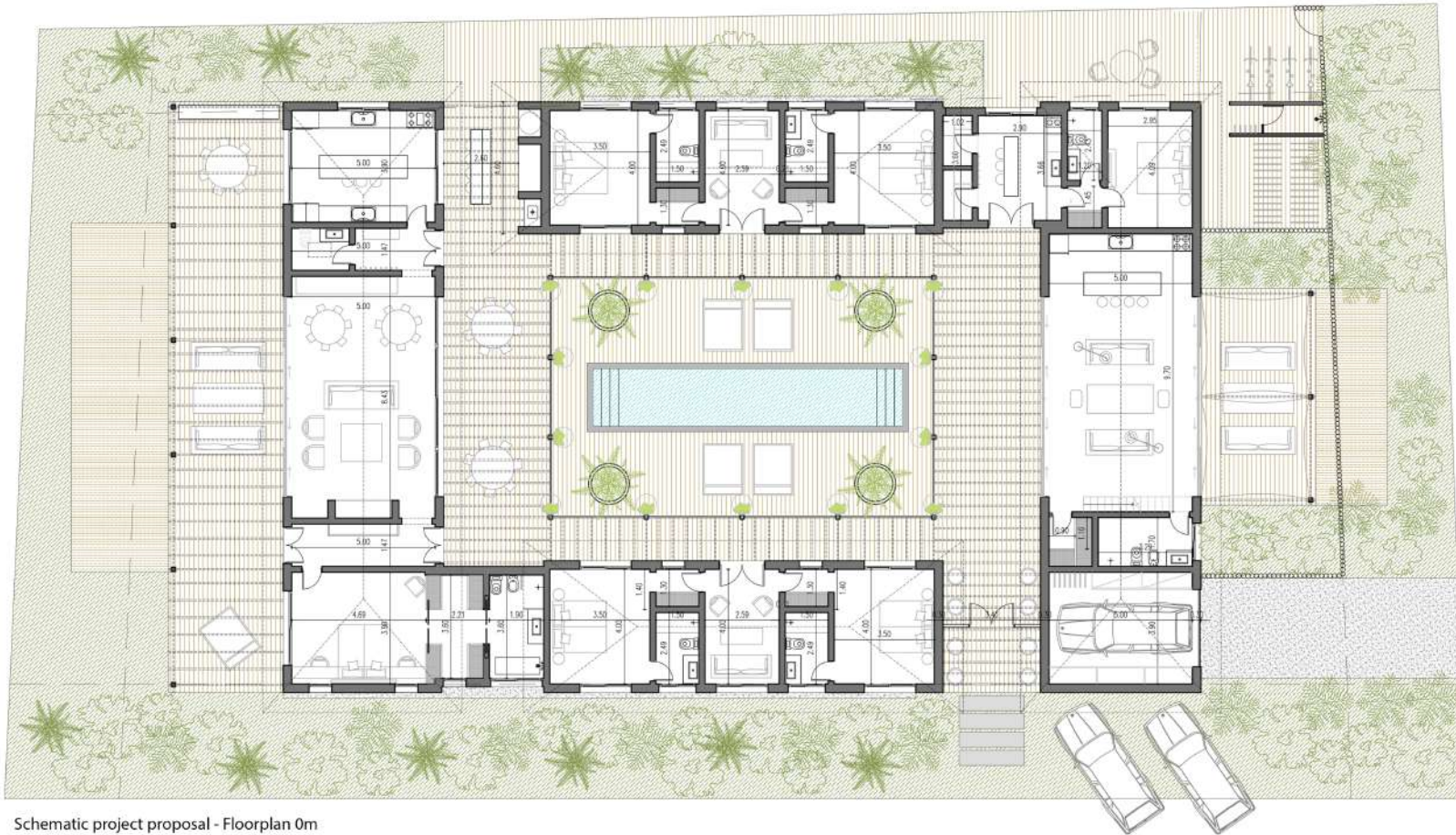


# AZUL GARCIA URIBURU

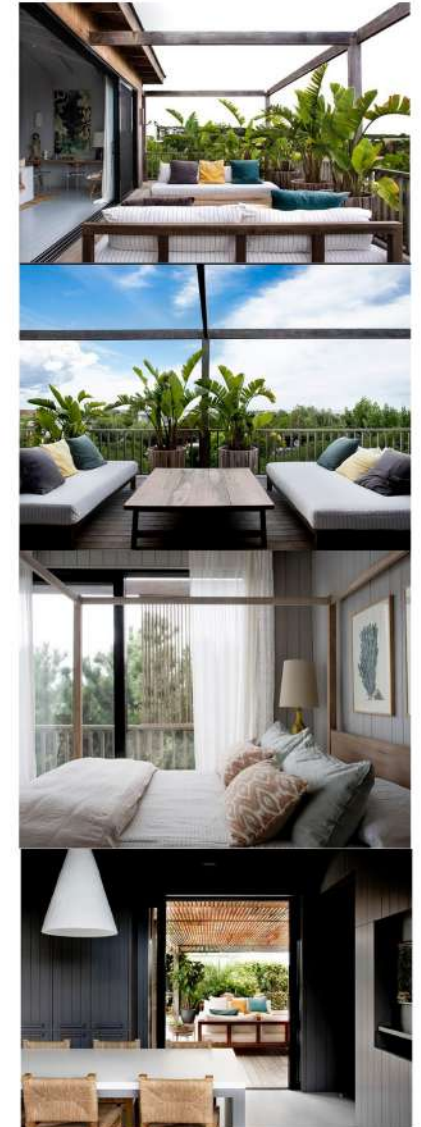
Beach house - 2020 - Punta del este, Uruguay

Contributions: documentation, presentation

Software: Autocad, Photoshop



Schematic project proposal - Floorplan 0m



Real photos - interior design

# CASA Z - ESTUDIO LAST

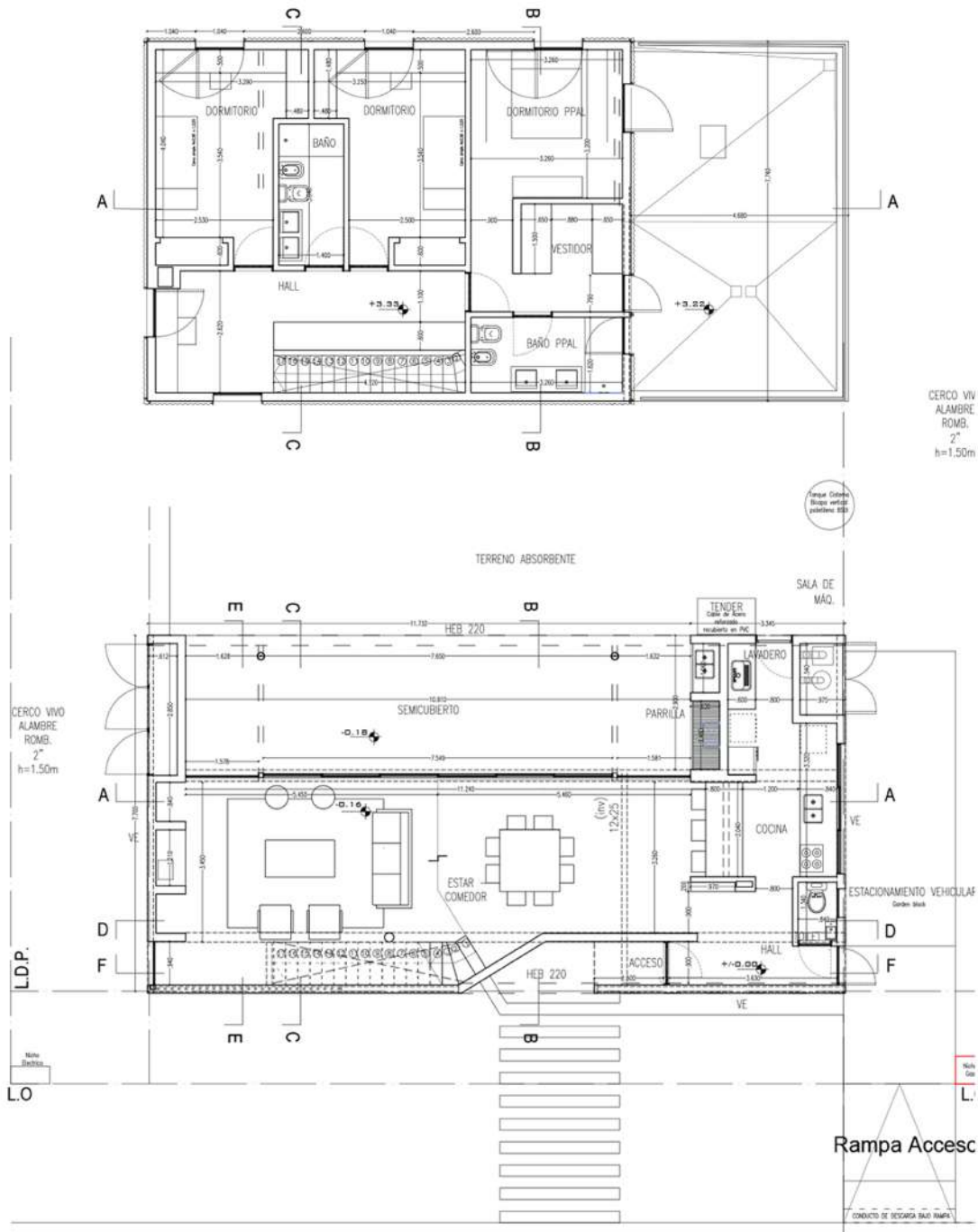
Residential Project - Buenos Aires, Argentina - 2020

Contributions: Constructor manager, concept development, 2D drawings

Software: Autocad



Construction site



CERCO VV  
ALAMBRE  
ROMB.  
2"  
h=1,50m

CERCO VV  
ALAMBRE  
ROMB.  
2"  
h=1,50m

L.D.P.

L.O.

Rampa Acceso

CONDUCTO DE SEGURIDAD SADO RAMPA

# CASAS HERMANAS - ZIM

Residential Project - Buenos Aires, Argentina - 2022

Contributions: Concept development, 2D drawings, 3D modeling, rendering

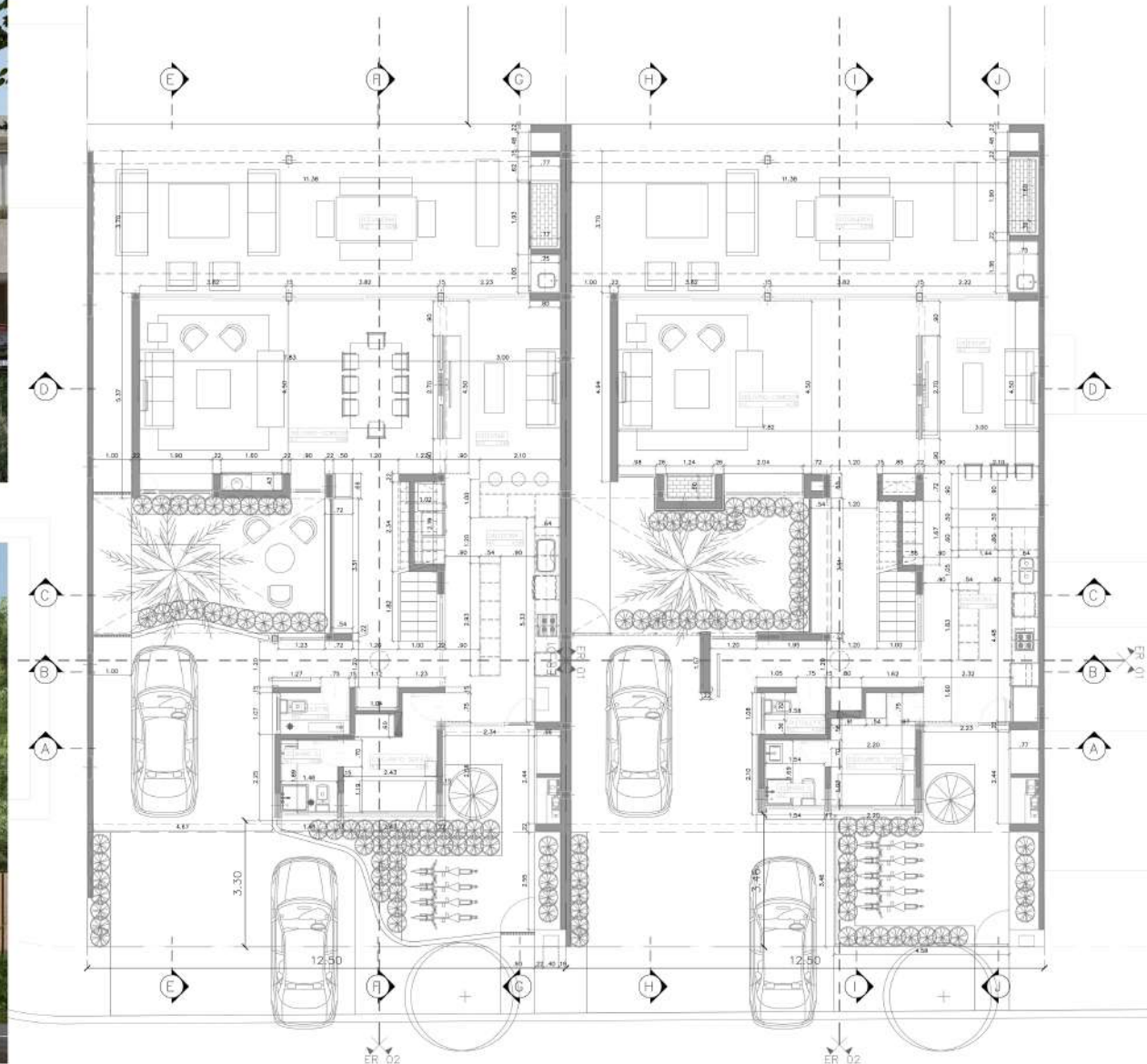
Software: Autocad, Photoshop, Sketchup, Lumion



Front visualization



Front visualization



Floorplan 0m of both houses sharing common wall



Visualization of back house



Visualization of back house



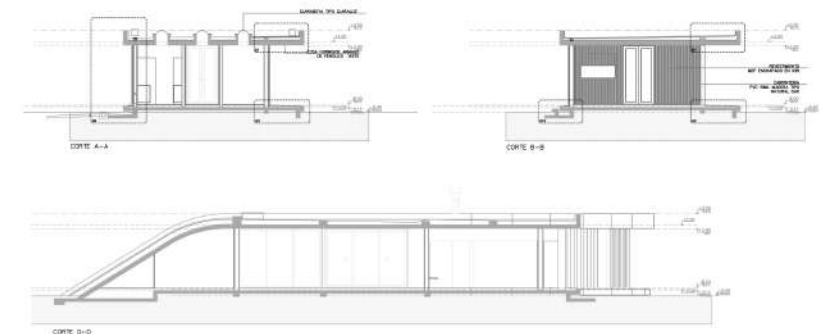
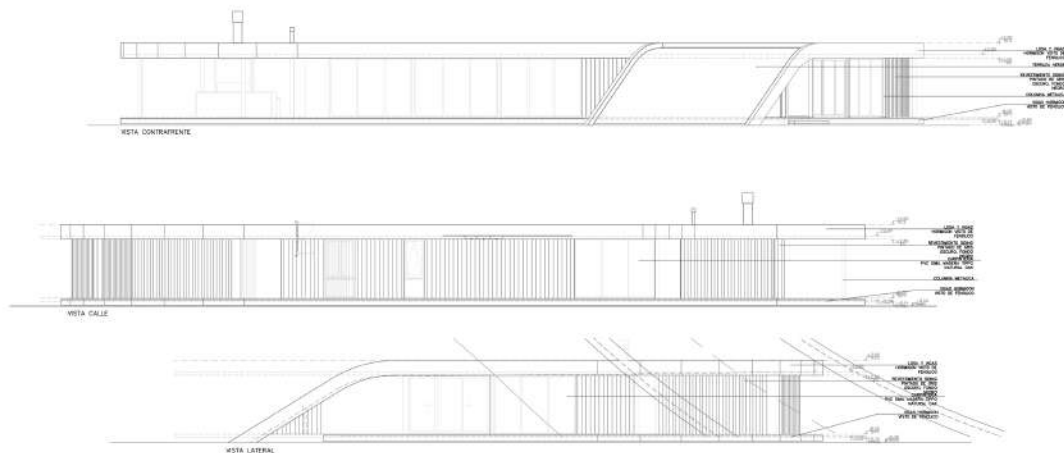
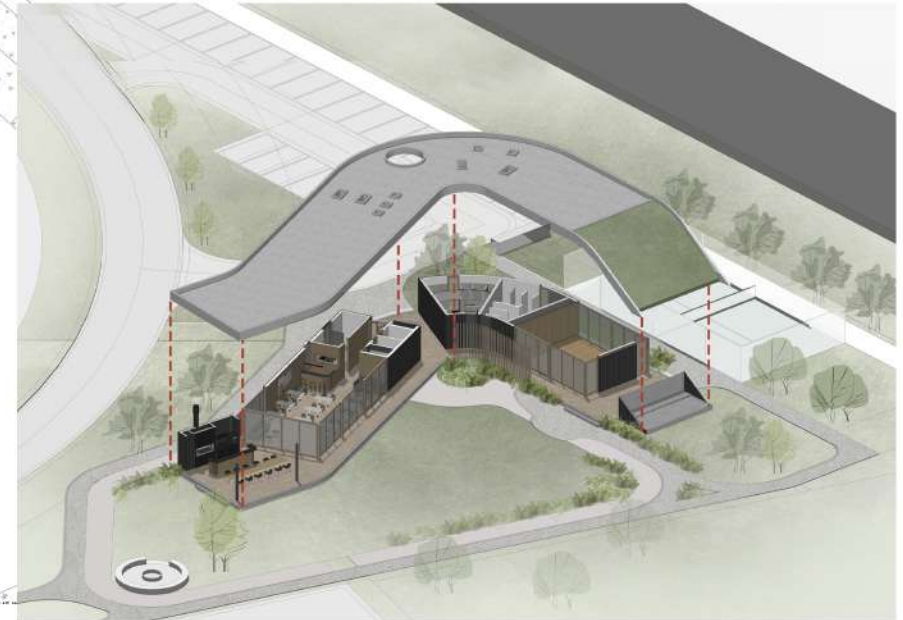
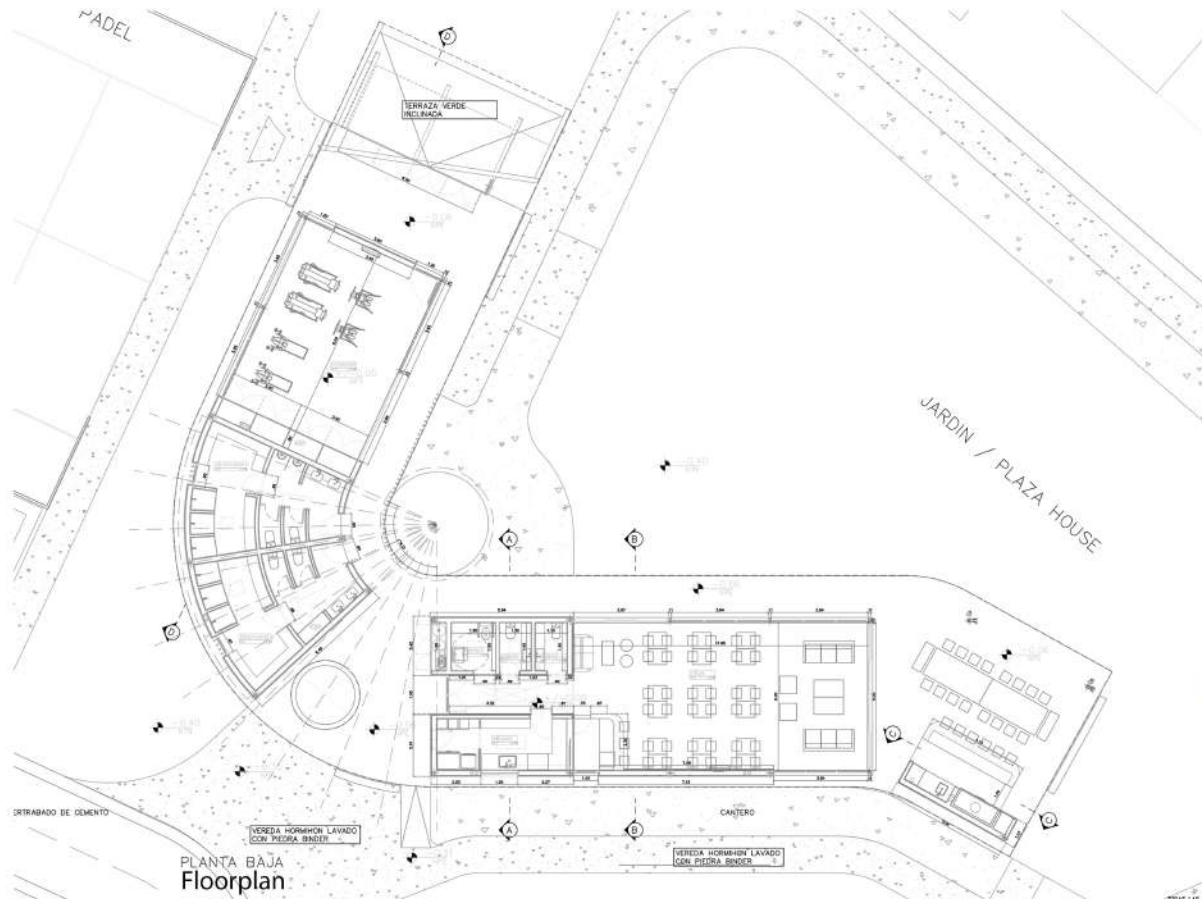
Floorplan +3.00m

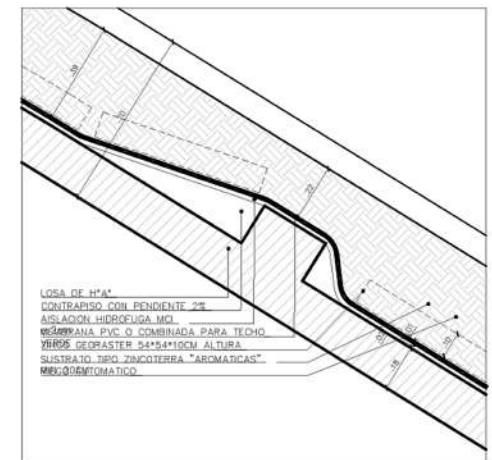
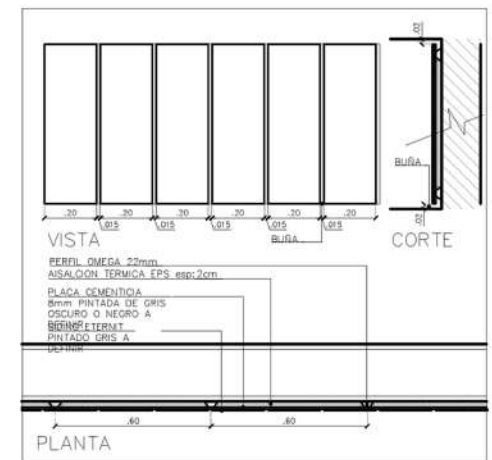
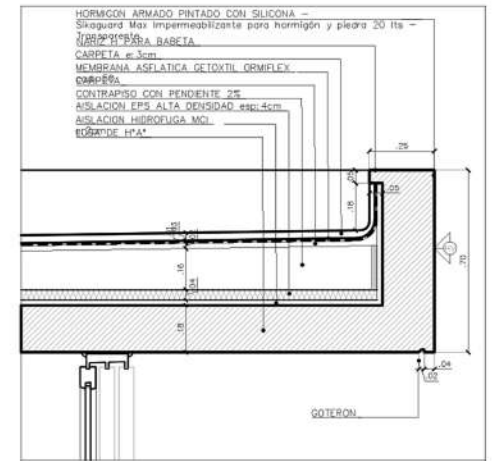
# SAN FERMIN CLUB HOUSE - ZIM

Real estate project - Buenos Aires, Argentina - 2022

Contributions: Concept development, 2D drawings, 3D modeling, sketches

Software: Autocad, Photoshop, Illustrator, Sketchup, Lumion





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