

LAUTARO MANUEL ARROYO MANSILLA

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Age | 25 years old

Email | lautaroarroyoarquitecto@gmail.com

Born At | 17/07/1999 | Campinas, Sao Paulo, Brasil.

Residency | "Barrio Policial" | S.F.D.V, Catamarca, Argentina.

Number | +54 9 3834 618649

SOCIALS

| IG @sinarcoss | BEHANCE <https://www.behance.net/sinarcoss> | LNKD

I want to develop and improve my abilities as a designer and soon-to-become architect. Obtaining tools and skills in the architecture sphere. I adapt to the necessities and solicitations of the project.

PROFESSIONAL EXPERIENCE

DOCUMENTATION OF HERITAGE CONSTRUCTIONS - Municipality of Valle Viejo

April 2024 - current time / Representative Ar. Alejandra Granizo

Documenting, measuring and drawing of heritage buildings in Valle Viejo, Catamarca

UNIVERSITY AUXILIARY - ASSIGNMENT "Taller integrador de diseño 2"

March 2023 - December 2023 / Assignment Superior Ar. Basilio Bomczuk

Examination and evaluation of student's projects.

NATIONAL COMPETITION "PARQUE SUR" F.A.D.E.A 2023 - 6th PLACE

April 2023 / Representative Ar. Sebastian Carena

Design & Planning of south park (Valle Chico) from S.F.D.V of Catamarca

EDUCATION












ARCHITECTURE - UNCa, National University of Catamarca

2021 - current time / Master's degree Faculty of Technology and Applied Sciences, UNCa.

ELECTROMECHANIC - E.N.E.T N°1

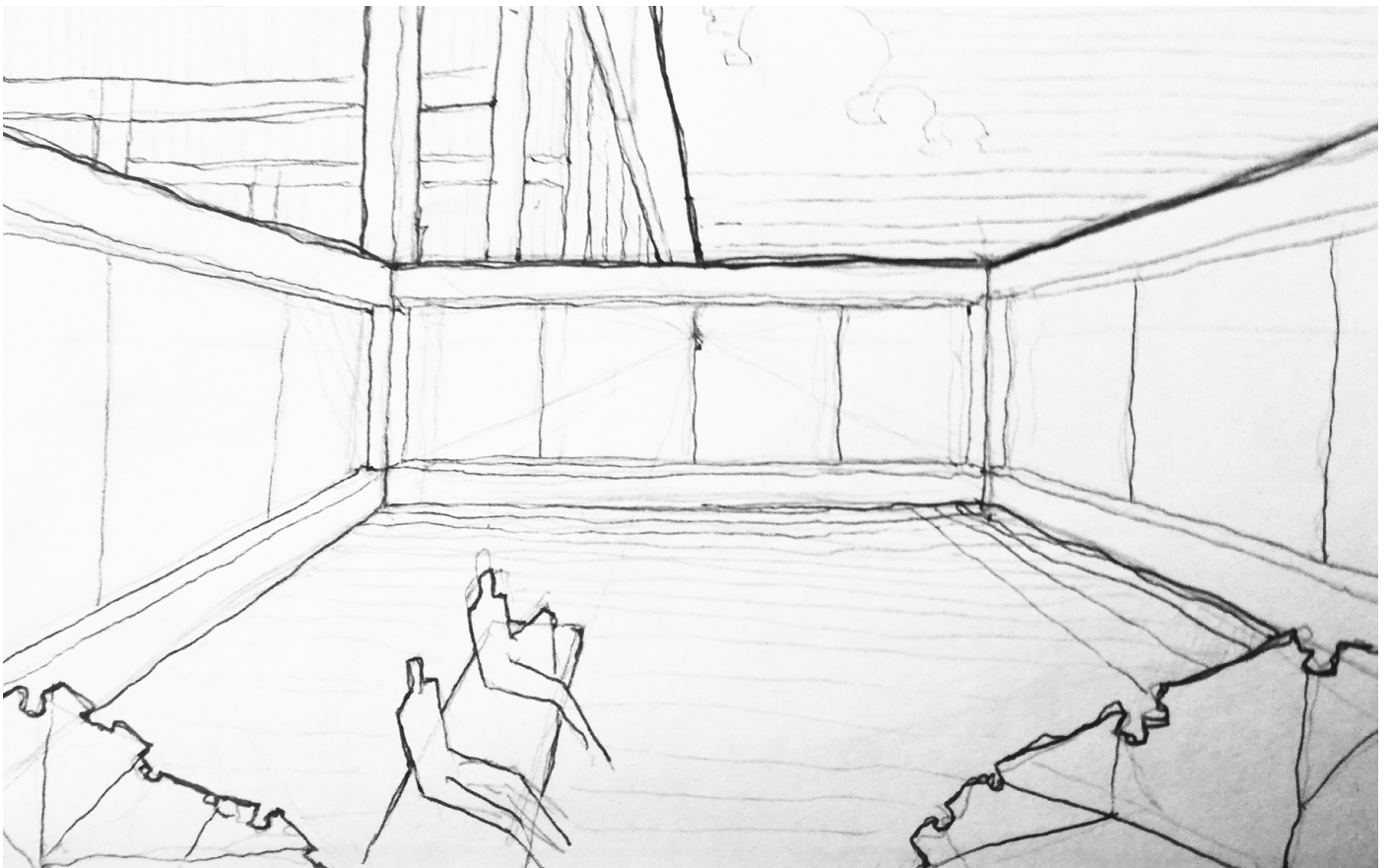
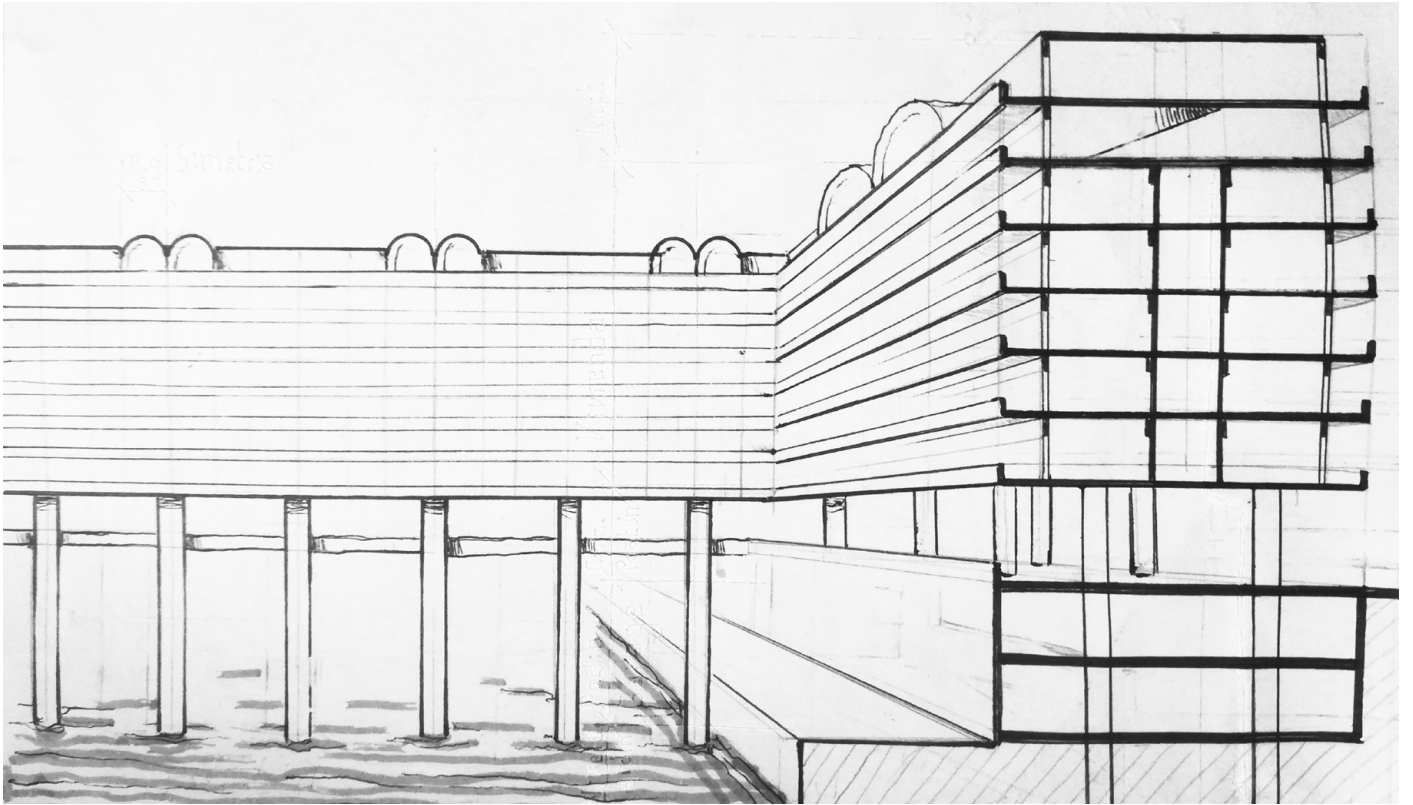
2012- 2018 / Bachelor Degree, National School of Technical Education ENET°1, "Profesor Vicente García"

SOFTWARE & TOOLS

| | | | |
|-------------------|---|--------------|---|
| Revit |  | Blender |  |
| Autocad |  | D5 |  |
| Photoshop |  | Enscape |  |
| Sketchup |  | Illustrator |  |
| Paquete Microsoft |  | InDesign |  |
| Paquete Corel |  | AfterEffects |  |

LANGUAGES

Spanish - Native / English - C2





01

UNIVERSITY WORK



02

MUNICIPAL WORK



03

FREELANCE WORK

CULTURAL CENTER

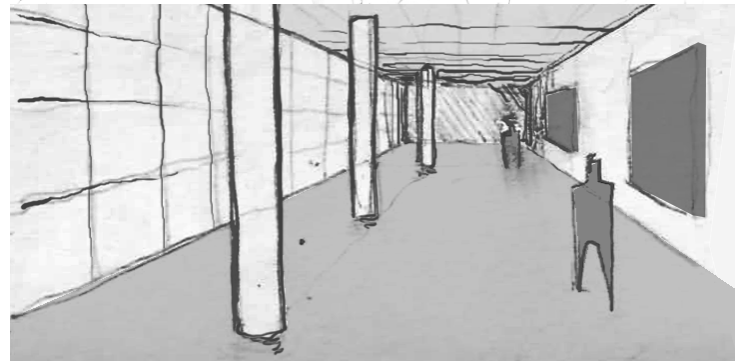
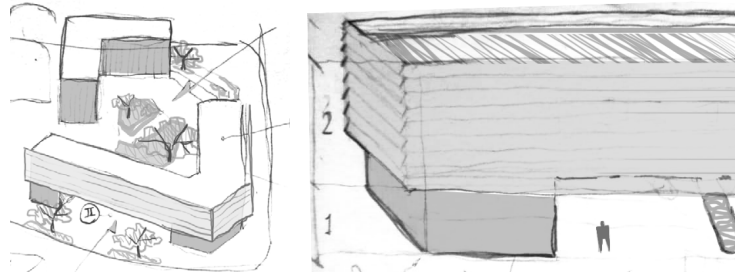
UNIVERSITY WORK - Universidad Nacional de Catamarca (UNCa, Arg.)

TID III | **Students** Lautaro Arroyo, Denisse Abril, Yebra Agustín

| **Professors** Ar. Omar París - Ar. Rocio Vera

-28.463356, -65.773099





The project is defined by an order of different typologies and use systems, each serving a particular function. Yet articulated and related by their main objective, cultural recreation. This spaces reflect back through the main courtyard, communicating the different volumes of the cultural center. Ateliers, exhibitions halls, auditoriums, fairs, libraries; all elements forming a true cultural citadel.



GROUND FLOOR PLAN

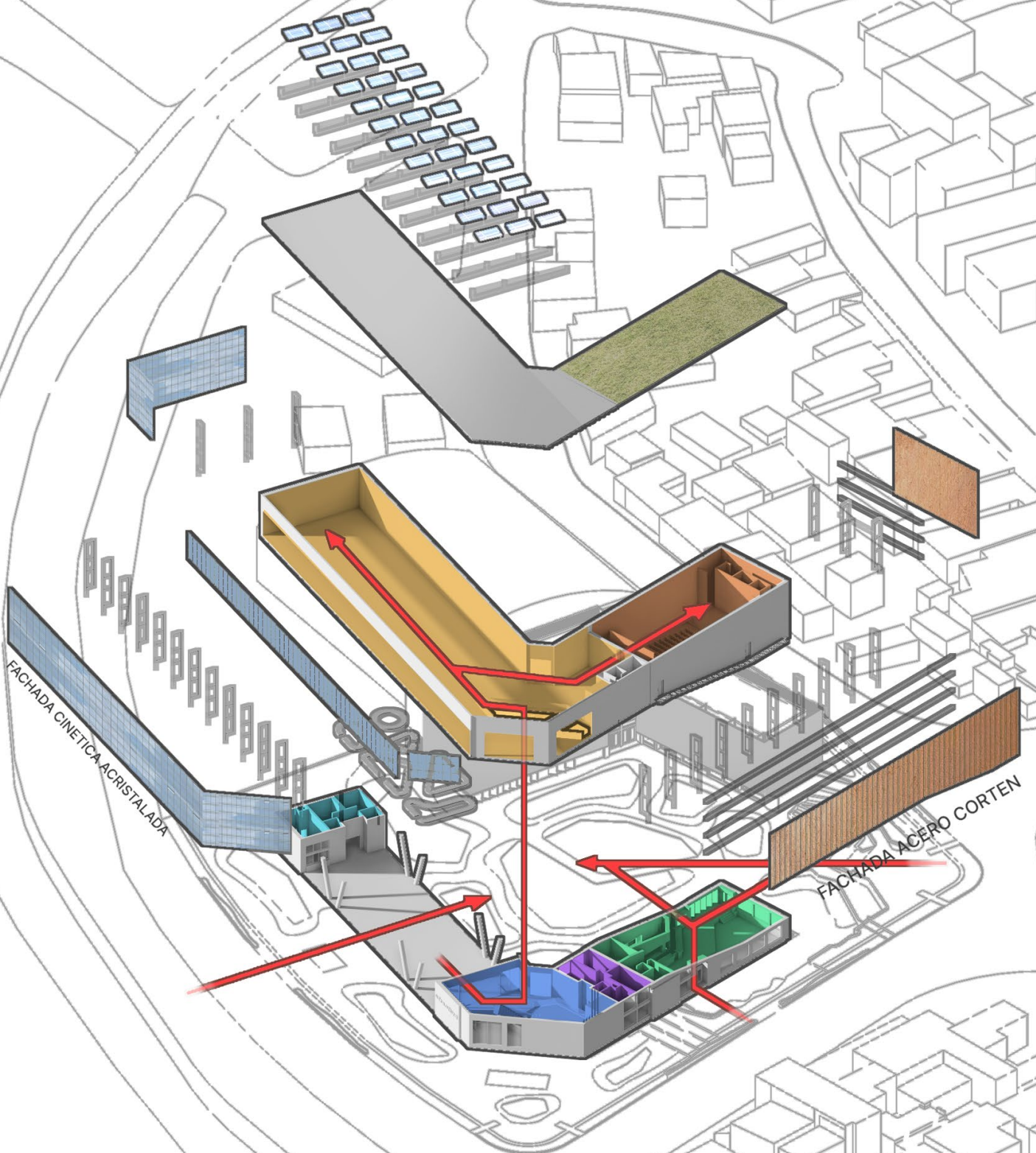


1. Open-Plan / Informal Commerce 2. Entrance Hall 3. Administration 4. Restaurant 5. Reception 6. Workshops 7. Commerces 8. Promenade

The different spaces coordinate along it's main atrium. Configured in such a way that the cultural center is used at all hours; transforming it into a polyvalent building.

PROGRAM AXONOMETRIC

- Exhibition Hall
- Auditorium
- Entrance Hall
- Administration
- Restaurant
- Public B.C.
- Circulation

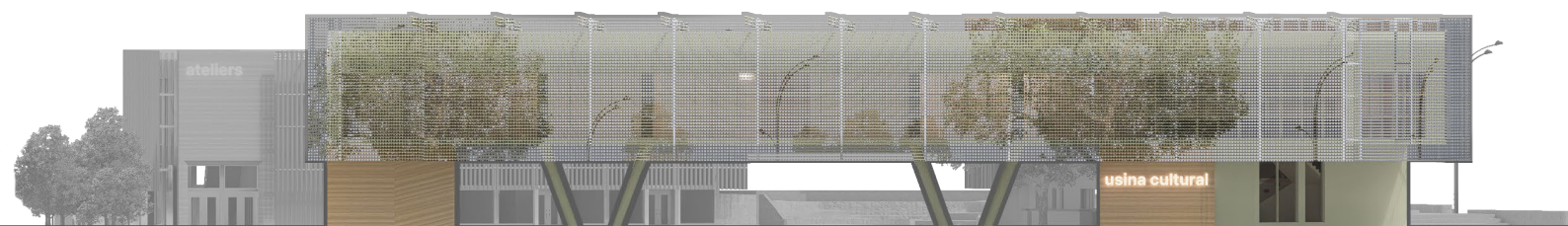


The south crystal facade, reflects the urban and natural environment of the project, in such a way that the building does not disrupt the existing landscape.

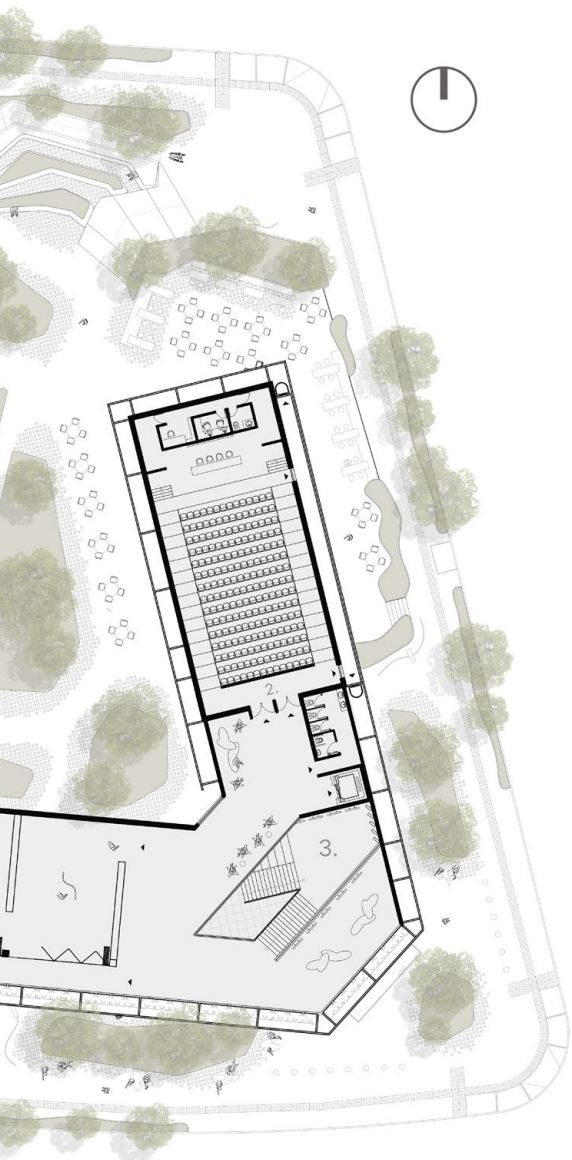


FIRST FLOOR PLAN

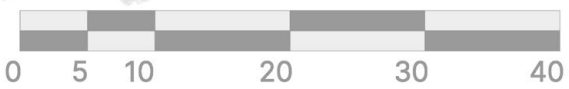
- 1. Exhibition Hall
- 2. Auditorium
- 3. Gallery
- 4. Rest Area
- 5. Lounge
- 6. Accesible Terrace



SOUTH ELEVATION



In its other faces, the building presents facades of different materiality, making it a multi-faceted project.



Mezzanine 4. Workshos 5. Library



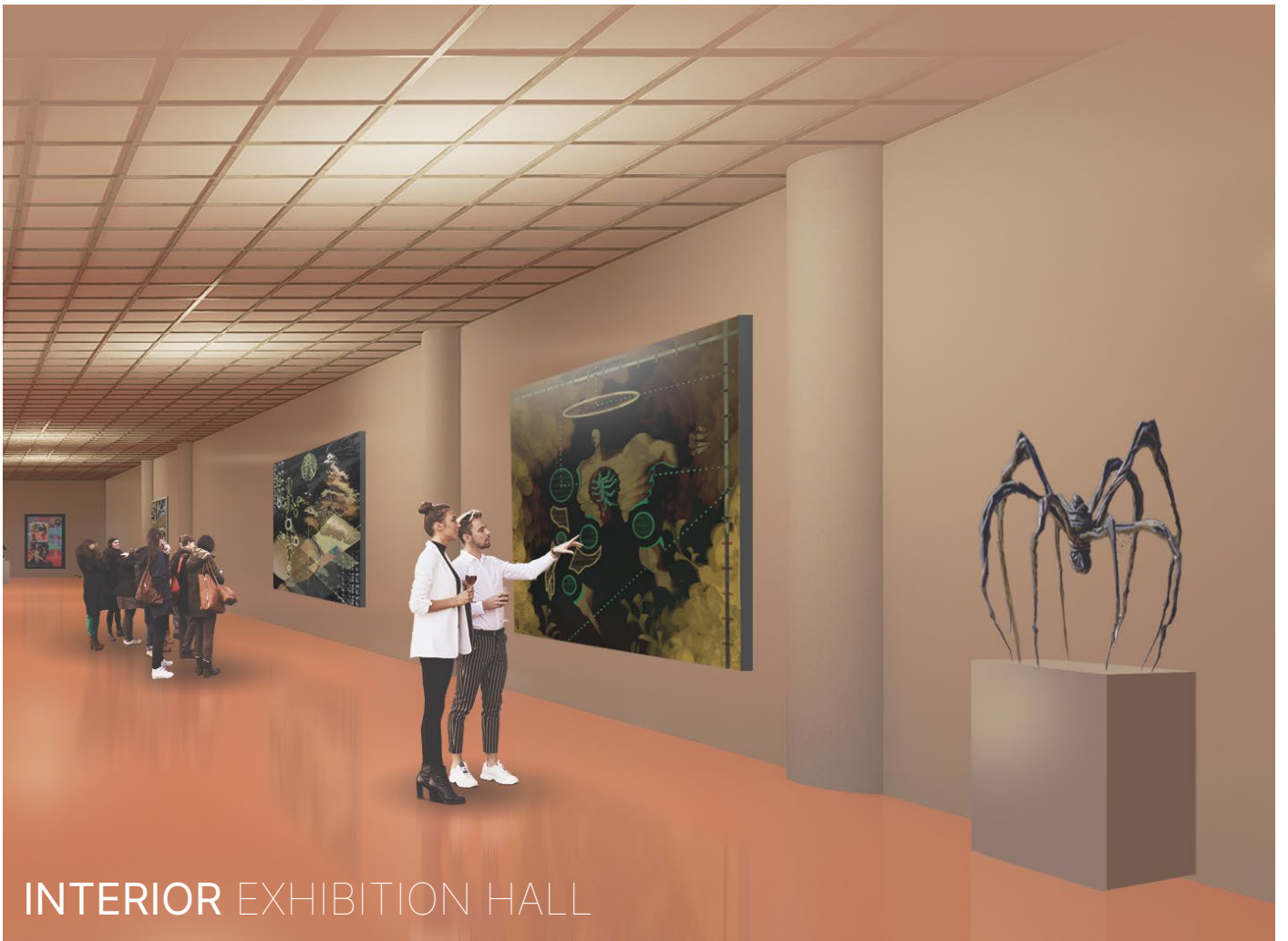
MAIN COURTYARD SECTION



EXHIBITION HALL - SECTION

IMAGE OPEN FLOOR PLAN

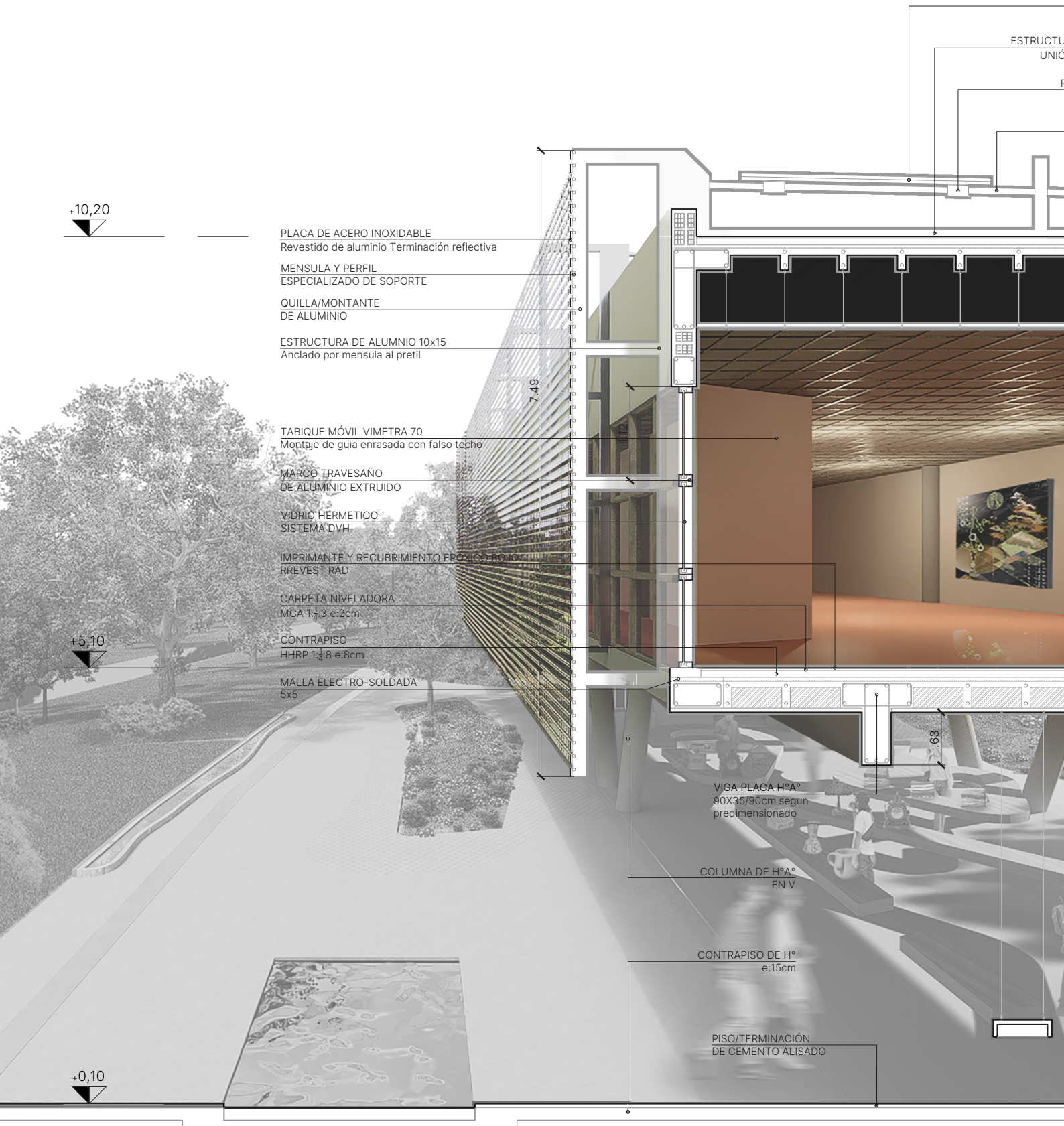


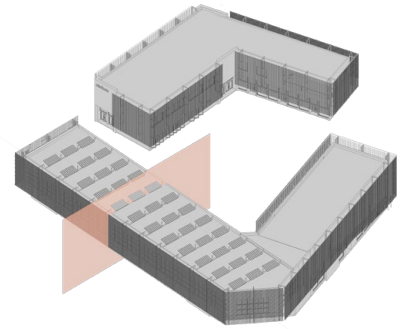


INTERIOR EXHIBITION HALL



DETAIL SECTION EXHIBITION HALL





PANEL SOLAR
320w

RA METALICA 10x15
ON POR SOLDADURA

PERFIL DE ALUMINIO

EJE DE ANGULO
HORARIO

MORTERO IMPERMEABLE e:1cm
CARPETA NIVELADORA e:1cm

PINTURA ASFALTICA + H° DE
PENDIENTE (2%)



TORNILLO TORX
T30 PERFORANTE

CUELGUE F47
AUTOREGULABLE

TRAVESAÑO
PERFIL T

PLACA DURLOCK DECO CLASIC
60x60cm

Jaharro MAR 1:3 e:15mm
Enlucido MAR 1:3 e:5mm
Pintura Látex Blanca PROTEX
REVOQUE INTERIOR

LADRILLO CERÁMICO
8x18x33cm

CAMARA DE AIRE
e: 4cm

LADRILLO CERÁMICO
12x18x33cm

REVOQUE EXTERIOR
Azulado Hidrofugo MCI 1:3 e:7mm
Jaharro MAR 1:3 e:15mm
Enlucido MAR 1:3 e:5mm
Pintura Látex Blanca PROTEX

VIGA H°A°
90X35/60cm según
predimensionado

CIELORRASO PROYECTADO
ENDUIDO Y PINTURA SOBRE H°

CASETÓN DE EPS EXPANDIDO
50x50x25cm

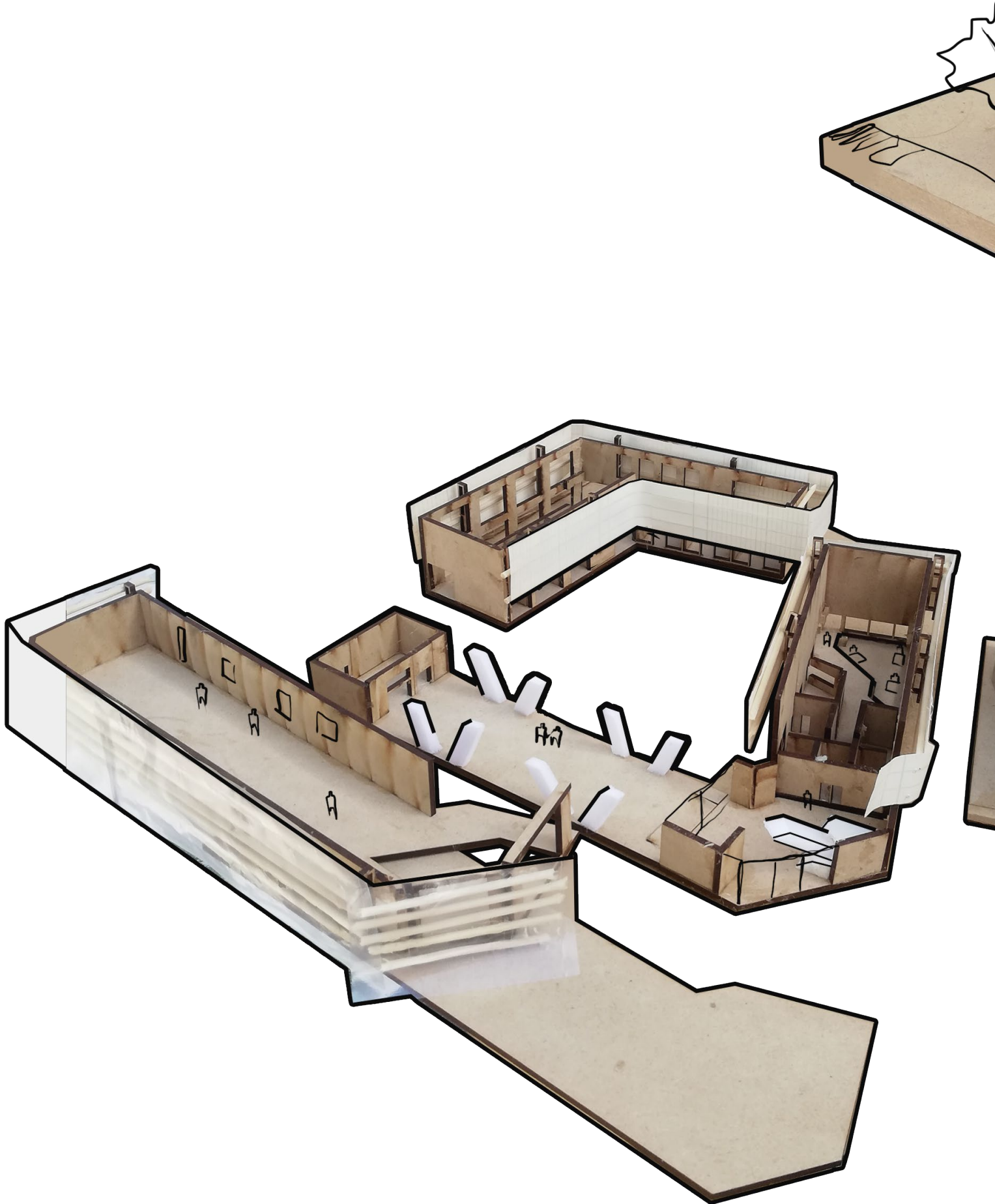
NERVADURA DE H°A°
25x10cm

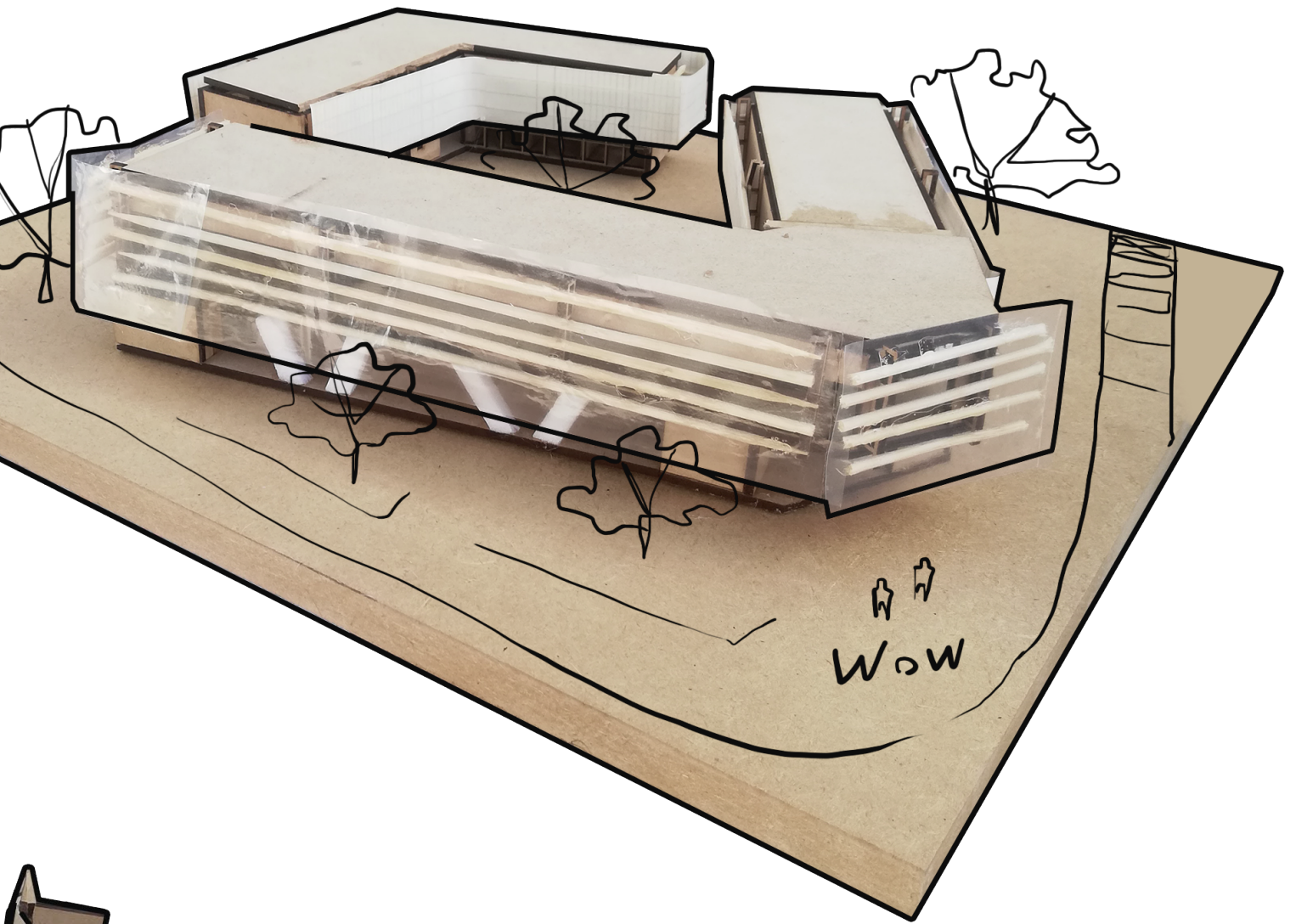
LOSA H°A° NERVURADA
e: 12cm

MESA COLGANTE
DESPLIEGABLE



STUDY MODEL

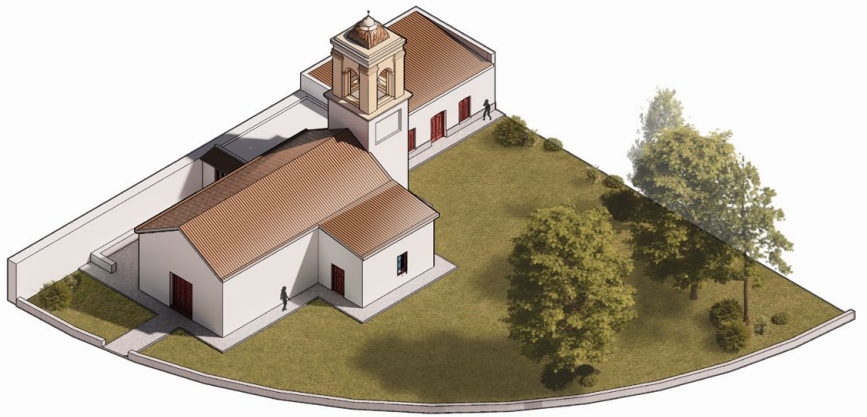




ORATORIUM "El Niño"

MUNICIPAL WORK - Municipalidad de Valle Viejo, Catamarca
Draftsmen Lautaro Arroyo | Representative Ar. Alejandra Granizo
-28.436693, -65.719641

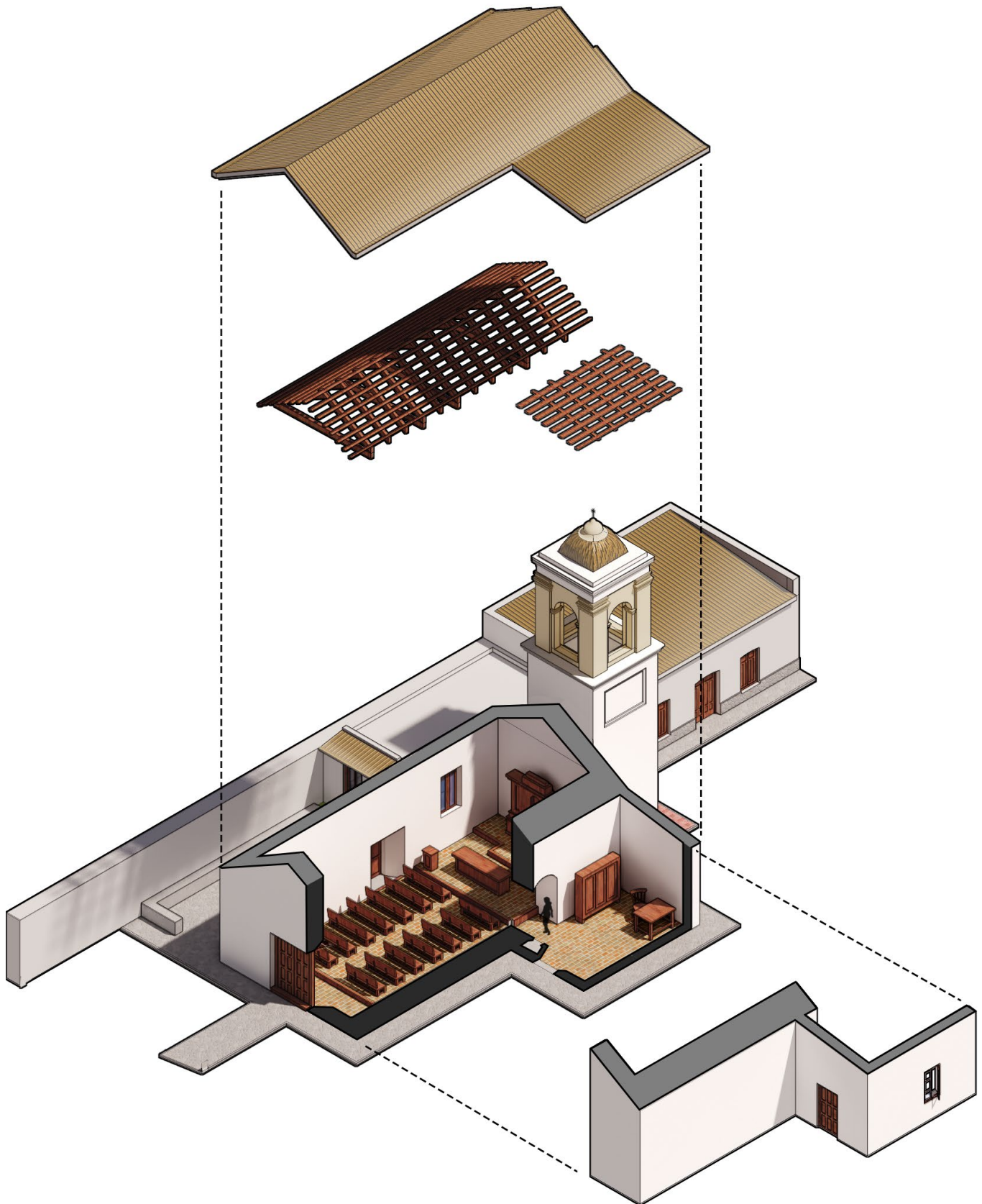




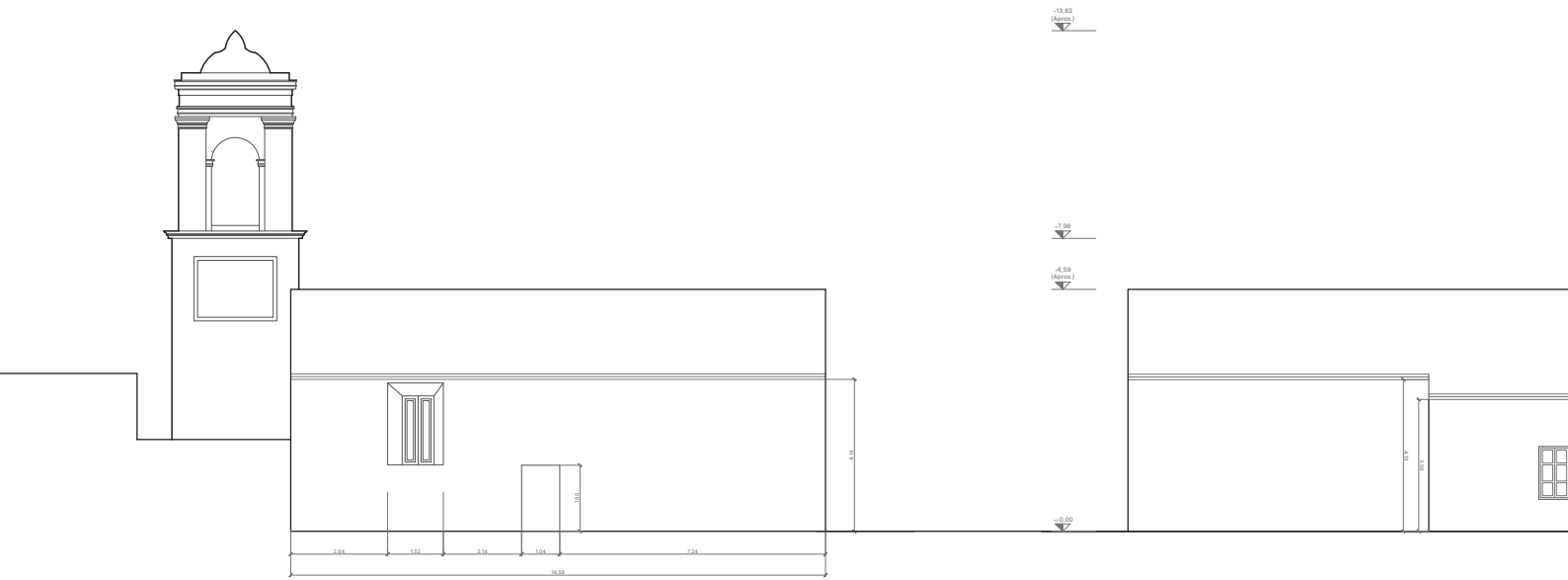
The Oratorium is located in the municipality of Valle Viejo in the Catamarca province; constructed in the late XIX century. It shows typical characteristics of the “Colonial” style; brick construction, red tiled roofs, white painted facades; and not a lot of apertures. At the moment of considering it national heritage; no plans or documentation of it existed. It had to be registered and measured, to afterwards create a digital re-creation of the edifice.

Currently it’s going through the legal procedures and pertinent documentation to register it as such.

EXPLODED AXONOMETRIC



The building presents thick brick walls, and a low number of openings, typical in northern Argentinian construction to alleviate the harsh and hot climate.

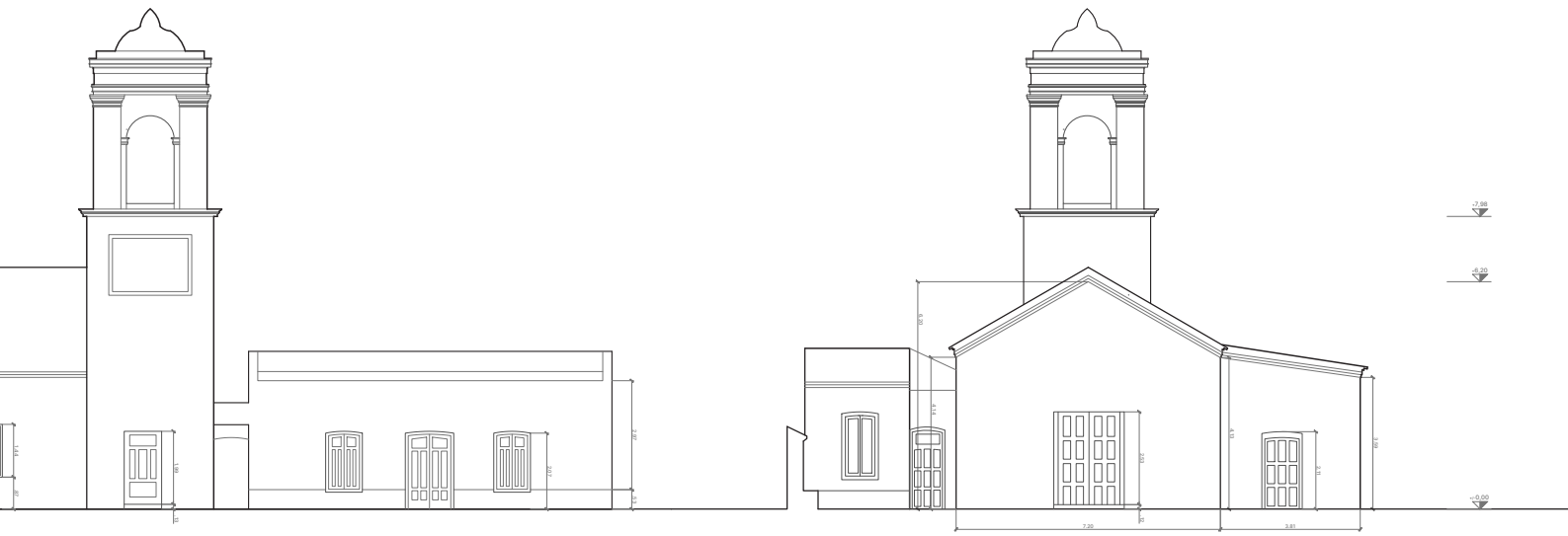


SOUTH ELEVATION

NORTH



The different facades of the building were photographaed, aligned and post-edited a



NORTH ELEVATION

EAST ELEVATION



along the CAD elevation. Showing the true proportions and textures of the oratorium.

PHOTOGRAPHIC DOCUMENTATION



MAIN SECTION



SECONDARY SECTION



FREELANCE WORK





I've been working as a freelancer since 2019 to present day. This is a small collection of the visualizations I can do. Using as my main tool Blender.

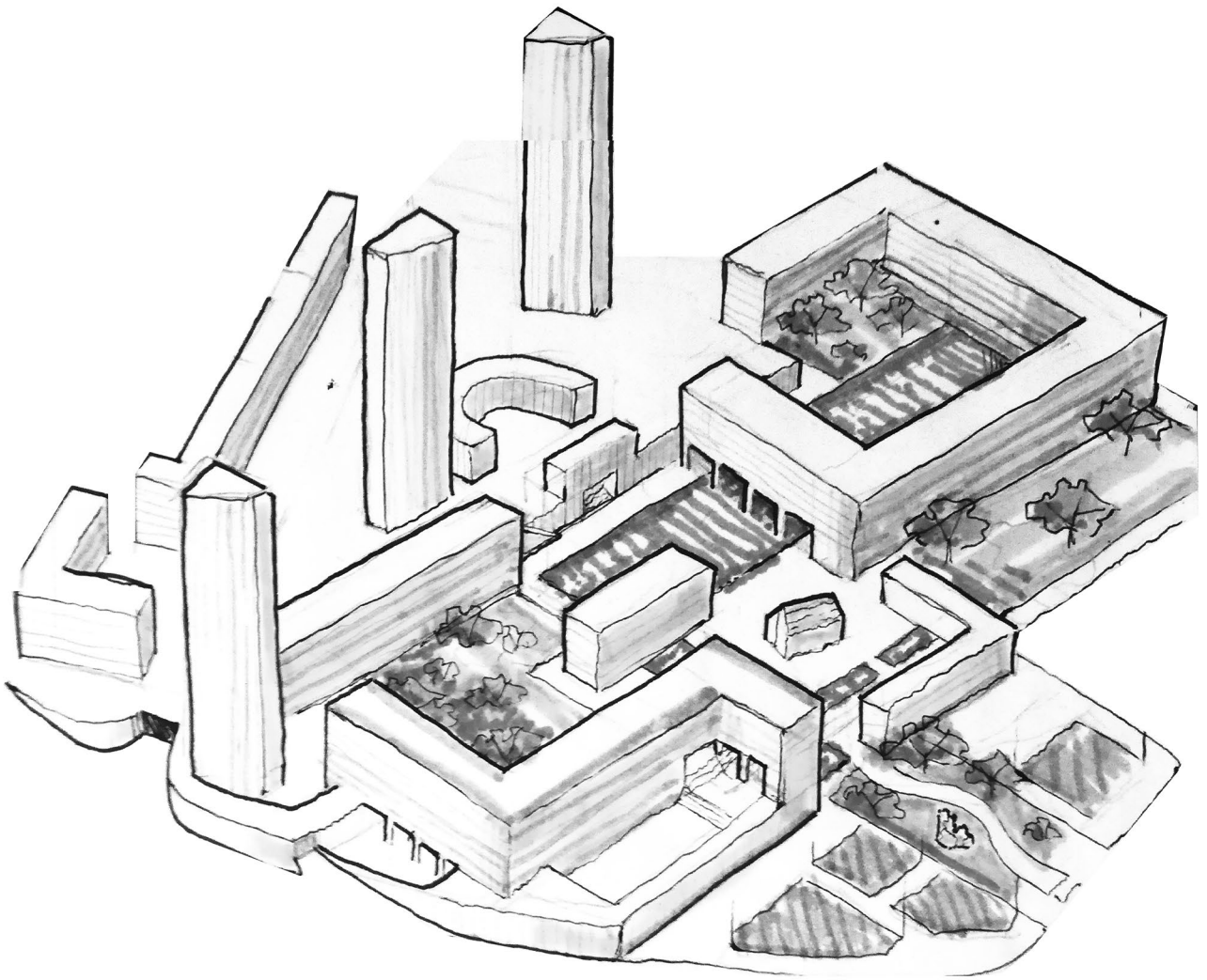












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