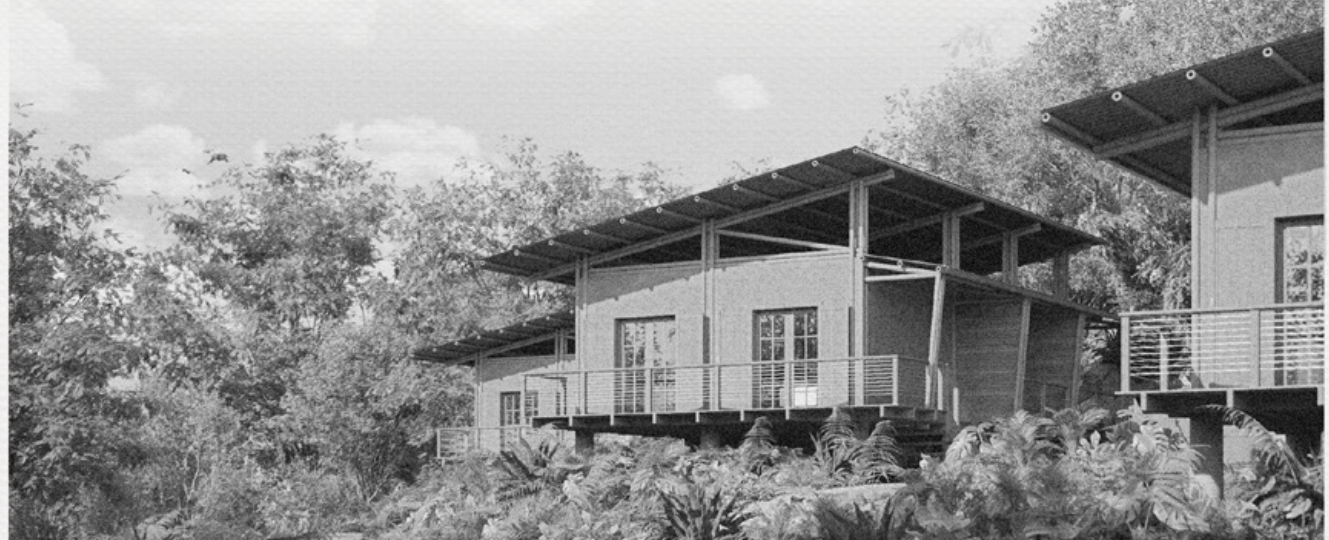


ARCHITECTURE

GABRIEL
ESPINDULA

P O R T F O L I O



GABRIEL FERREIRA ESPINDULA

Design Professional graduated at the architecture and urban design school of Universidade Federal Fluminense (UFF), Brazil. Skilled in Revit-based documentation, technical detailing, interior design, and 3D modeling/rendering, supporting projects from concept through permit and construction document production. Experienced in translating design intent into clear, coordinated drawings, adapting standards to project requirements, and collaborating with multidisciplinary teams to meet schedule, quality, and constructability goals. Interested in sustainable design and high-quality execution across commercial and residential work, with a strong focus on precision, consistency, and team communication. **Authorized to work in the US without sponsorship.**

SOFTWARE SKILLS

 Revit

 CAD

 SketchUP

 D5 Render

 Lumion

 Photoshop

 Illustrator

 InDesign

 Office

CERTIFICATIONS



The **LEED AP BD+C** credential demonstrates advanced knowledge of green building practices and specialization in supporting the design, construction documentation, and certification process of sustainable building projects.



The **Management for Architecture Offices course**, offered by IAG, the School of Business of PUC-Rio, aims to demonstrate foundational skills in running an architecture practice, covering operations, project management, finance and pricing, negotiation, and strategic positioning.

EDUCATION

Universidade Federal Fluminense - UFF (Brazil)

Bachelor’s Degree in Architecture and Urbanism (validated by NCARB)

2019 - 2025

LANGUAGES

English

Fluent | C2 proficient

Portuguese

Native

Spanish

Advanced

PROFESSIONAL EXPERIENCE

General Merchandise

Target

Feb 2026 - Current

- Managed team handoffs and real-time communication to maintain a welcoming environment while adapting to shifting floor priorities;
- Elevated the frontline experience by resolving layout friction and guiding visitors through high-volume retail spaces

Sustainable Construction Consulting Intern

Seed Solution

Feb 2025 - Dec 2025

- Performed thermal comfort and daylight simulations using IESVE;
- Assisted with LEED v4.1 BD+C documentation, organizing credits and preparing supporting evidence for submittals.

Architecture Intern

Duilio Calaes Arquitetura

Jun 2024 - Feb 2025

- Development of architectural and interior construction documents in Revit;
- Creation of realistic, dynamic renderings using D5 and Lumion.

Interior Design Intern

Studio Travessa

Oct 2021 - Nov 2023

- Development of interior construction drawings in CAD, including detailing for woodwork, stonework, electrical, plumbing, lighting, and finishes;
- 3D modeling in SketchUp.

CONTACT

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Email:

gabrielespindula019@gmail.com

Local:

San Diego, California

LinkedIn:

www.linkedin.com/in/gabrielespindula

01 | I am someone who is always doing my best to make the right choices.

Making the right choice is rarely a matter of simple compliance; it is a conscious, active exercise in ethical judgment. To me, this means holding an uncompromised standard of honesty in my work and interactions, especially when a decision offers no personal advantage or immediate benefit. I believe that true professional integrity shows up when no one is looking—in the quiet choices to prioritize environmental responsibility, transparency within a team, and absolute honesty with a client. I approach my practice with the understanding that doing what is right far outweighs doing what is convenient.

02 | I am someone who proactively finds and cultivates deep and meaningful interpersonal relationships.

Architecture is an intimately social act. Spaces only find true meaning through the people who inhabit them, and projects only succeed through the trusted hands that build them. I do not treat collaboration as a passive baseline; I invest deeply in building authentic relationships with peers, mentors, consultants, and the communities affected by design. For me, the studio and the job site are collaborative environments meant for active listening, shared learning, and collective growth.

03 | I am someone who is fiercely driven by my values and goals.

True commitment is measured in the long game. Architecture is a discipline of endurance; a concept requires years of meticulous refinement before it ever breaks ground. To me, being driven by goals means possessing the stamina to navigate this timeline without losing sight of the original vision. I bring the discipline to show up for the demanding, repetitive, and unglamorous steps that real project delivery requires. Whether resolving complex construction details, coordinating endless consultant revisions, or drafting programmatic layouts, I view the daily hardships not as deterrents, but as the necessary structural steps required to turn

WHAT I STAND FOR



01
ECOVILLAGE
MARICÁ
THESIS PROJECT



02
IARA
MICROHOME
COMPETITION PROJECT



03
MV
HOUSE
INTERNSHIP PROJECT



04
SENSŌRIA
LIFESTYLE
COMMISSIONED PROJECT



ECOVILLAGE MARICÁ

01

Ecovillage Marica is a sustainable housing and urbanization proposal developed as my final thesis in the Architecture and Urbanism program at Universidade Federal Fluminense (UFF). Designed for the Pindobal community in Marica, Rio de Janeiro, the project brings together housing, food production, and ecological restoration, aiming to strengthen everyday life while improving the environmental performance of the territory.

SOFTWARE UTILIZED



Revit



D5 Render

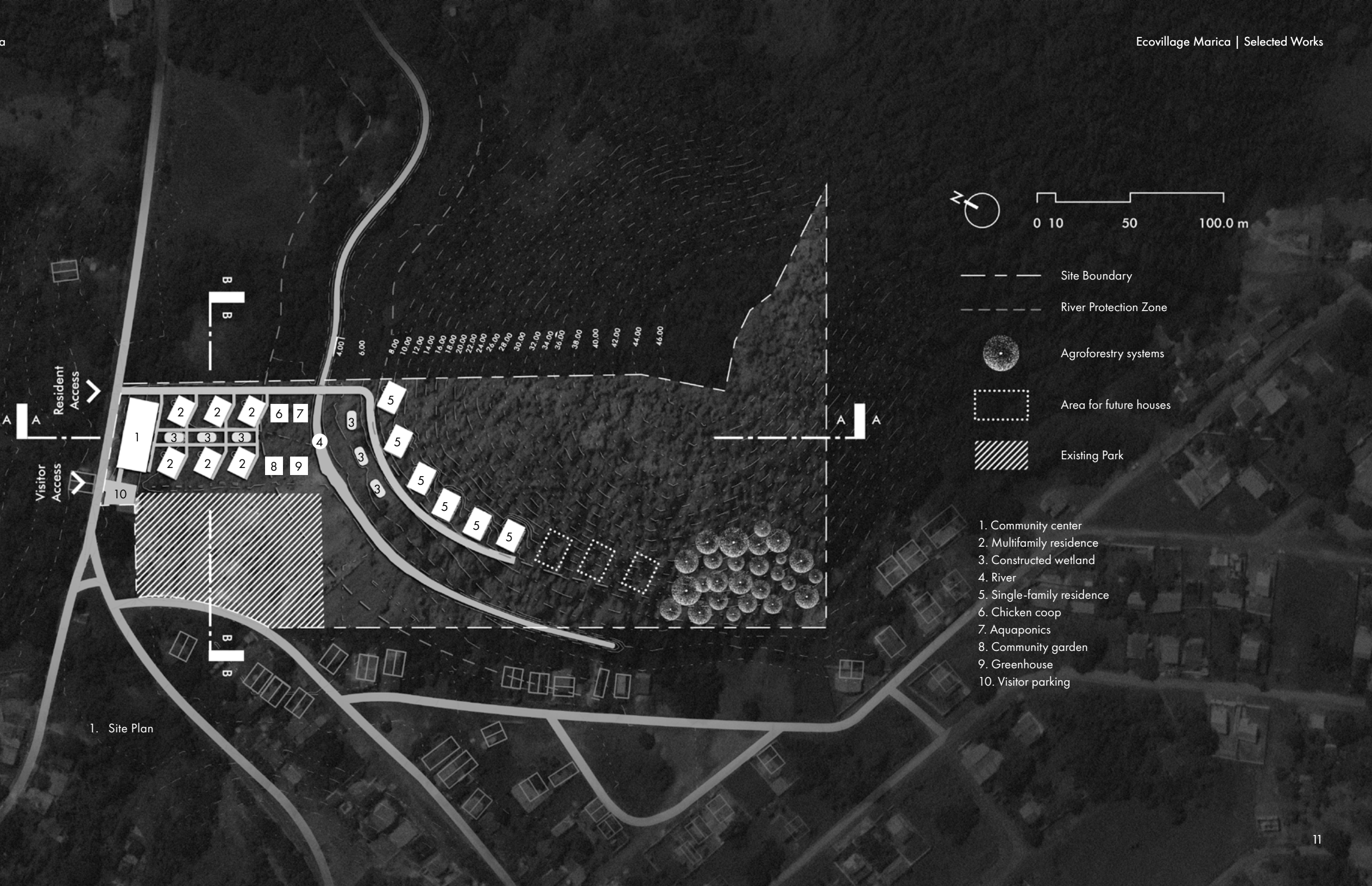


Photoshop



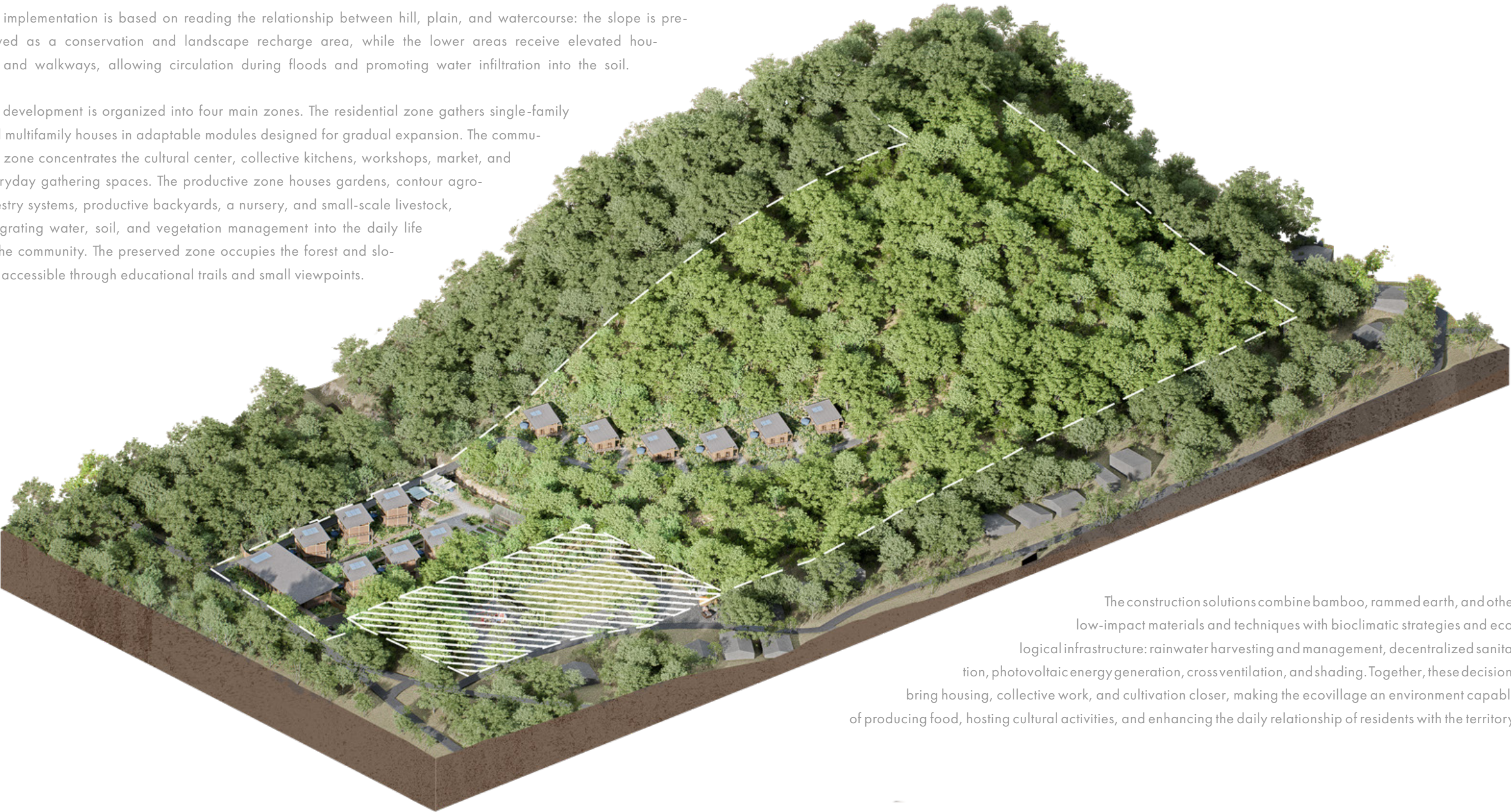
Nano Banana

During my final thesis, I strengthened my ability to translate environmental and social goals into clear architectural strategies. I expanded my technical repertoire by developing solutions for bioconstruction and ecological infrastructure, linking material choices to water, sanitation, and landscape performance. The process sharpened my critical site analysis and decision-making, pushing me to design for long-term resilience and to communicate complex systems in a cohesive, convincing way. The thesis was awarded a grade of 10.



The implementation is based on reading the relationship between hill, plain, and watercourse: the slope is preserved as a conservation and landscape recharge area, while the lower areas receive elevated houses and walkways, allowing circulation during floods and promoting water infiltration into the soil.

The development is organized into four main zones. The residential zone gathers single-family and multifamily houses in adaptable modules designed for gradual expansion. The community zone concentrates the cultural center, collective kitchens, workshops, market, and everyday gathering spaces. The productive zone houses gardens, contour agroforestry systems, productive backyards, a nursery, and small-scale livestock, integrating water, soil, and vegetation management into the daily life of the community. The preserved zone occupies the forest and slope, accessible through educational trails and small viewpoints.



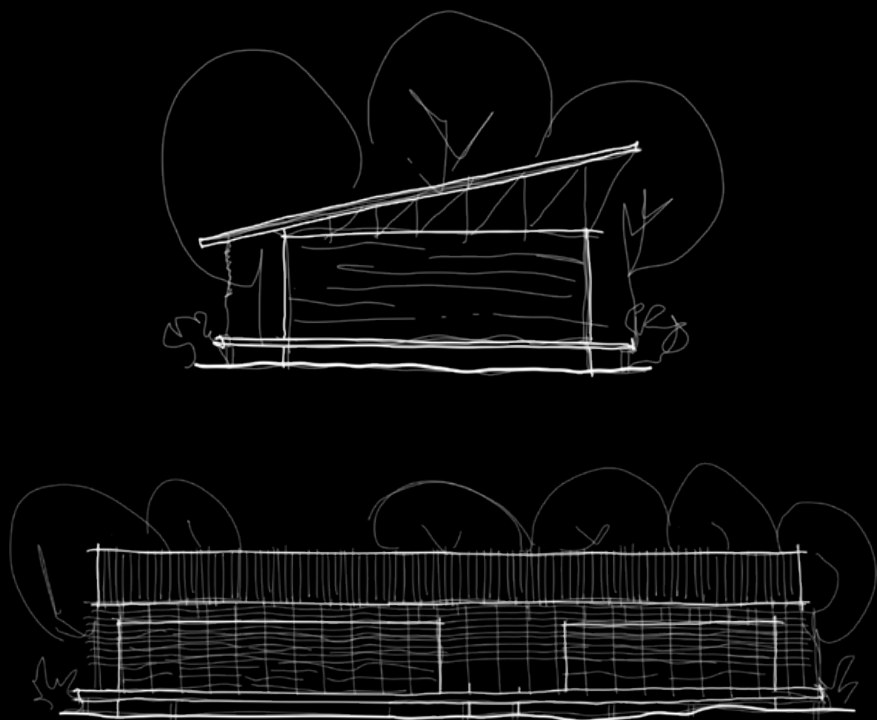
The construction solutions combine bamboo, rammed earth, and other low-impact materials and techniques with bioclimatic strategies and ecological infrastructure: rainwater harvesting and management, decentralized sanitation, photovoltaic energy generation, cross ventilation, and shading. Together, these decisions bring housing, collective work, and cultivation closer, making the ecovillage an environment capable of producing food, hosting cultural activities, and enhancing the daily relationship of residents with the territory.



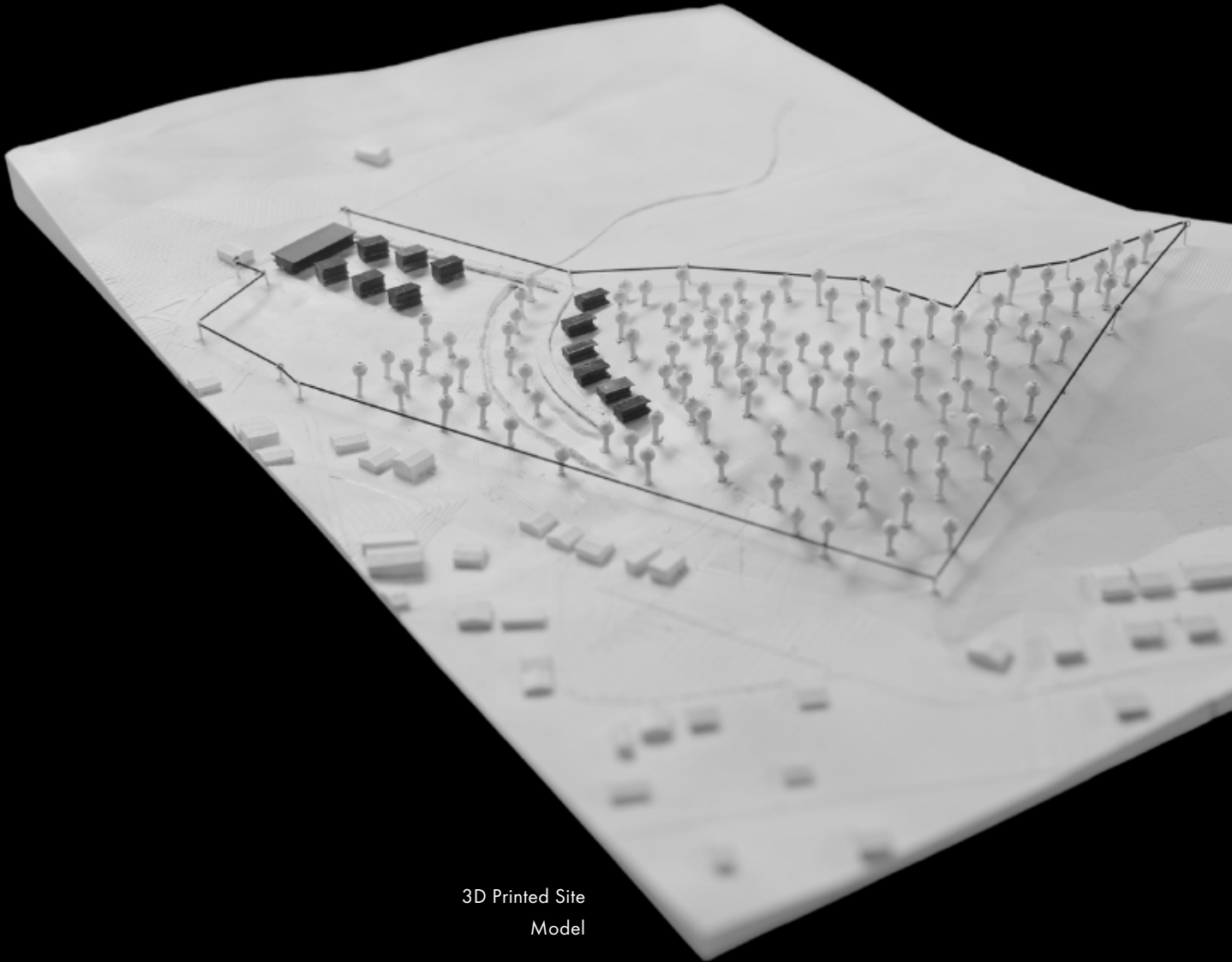
View of the ecovillage entrance from the access gate, highlighting the multifamily residences and the development's main organizing roadway.



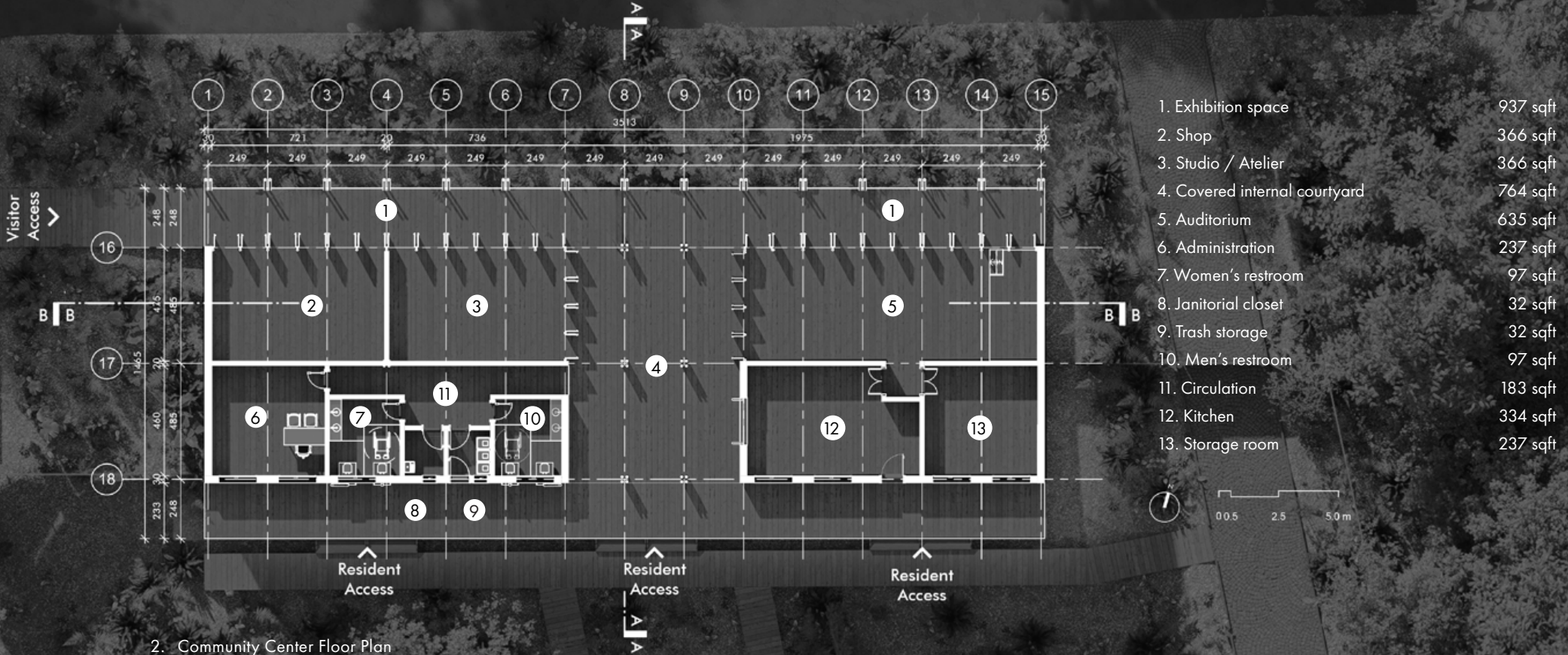
External view of the multifamily residences, alongside the constructed wetland gardens and the elevated walkway.



Sketches produced throughout the study of volumetry and spatial zoning of the community center.

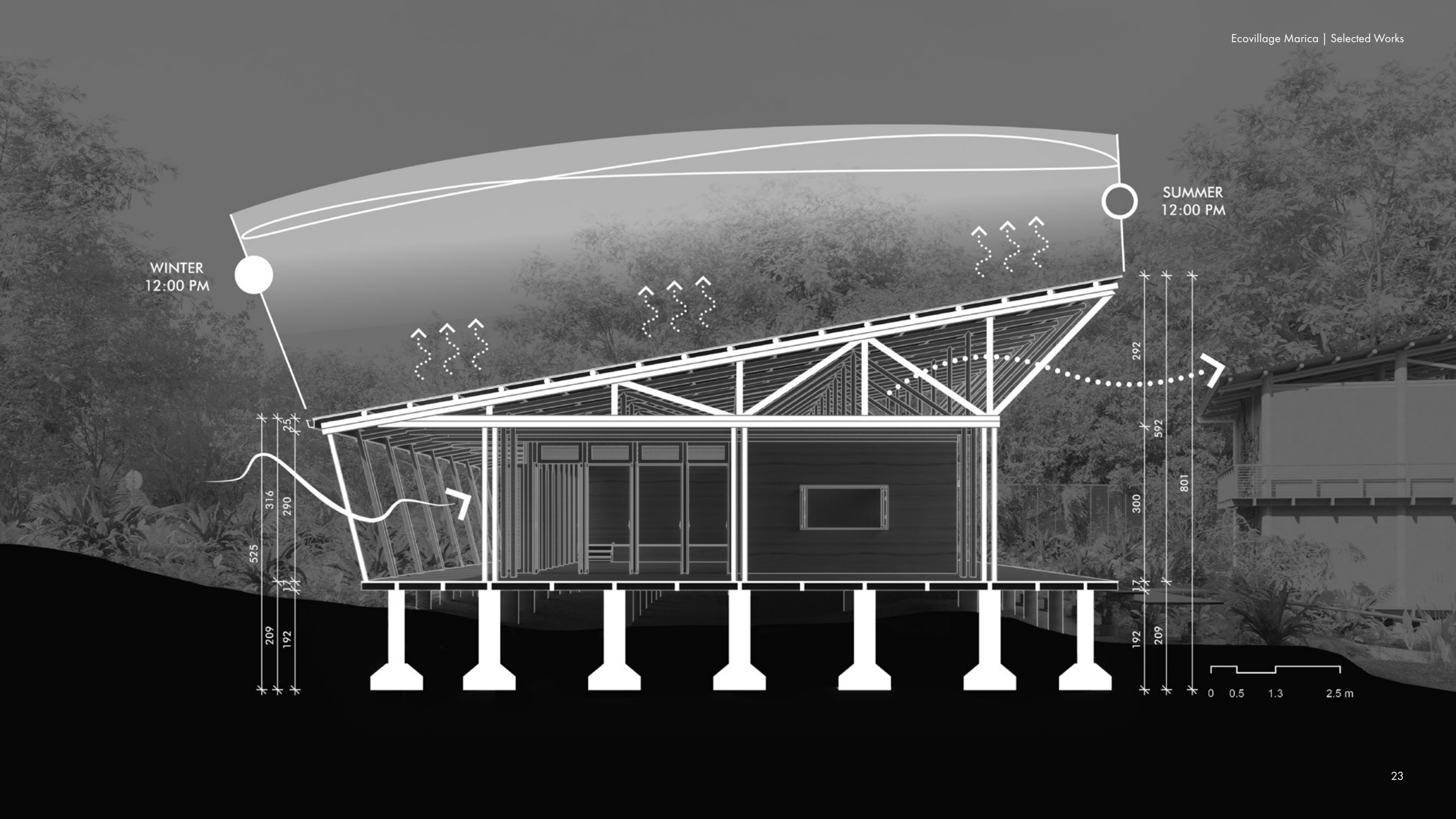


3D Printed Site Model



2. Community Center Floor Plan







Covered patio of the community center set up as a shared dining hall: tables taken from storage are arranged to accommodate residents during gatherings and community meals.



The same patio on the ecovillage market day, with residents setting up stalls to display and sell their crafts and local products to visitors on weekends.



Interior scene of the community center's shop, with visitors and residents selecting and selling surplus goods from the ecovillage's agroecological production.



Interior of the community center's workshop, with residents using workbenches and woodworking tools for crafts and workshops, in a bright space open to views of the Ecovila Marica landscape.





IARA MICROHOME

02

Project developed by me and two colleagues for the international architecture competition “Microhome 2024 – Kingspan Edition.” Its mission is to be a sustainable 25 m housing unit, providing shelter for riverside communities affected by the savannization of the Amazon and enabling the regeneration of the biome through the practice of agroforestry systems. The project was also selected to be featured in the Microhome 4 e-magazine.

SOFTWARE UTILIZED

 Revit

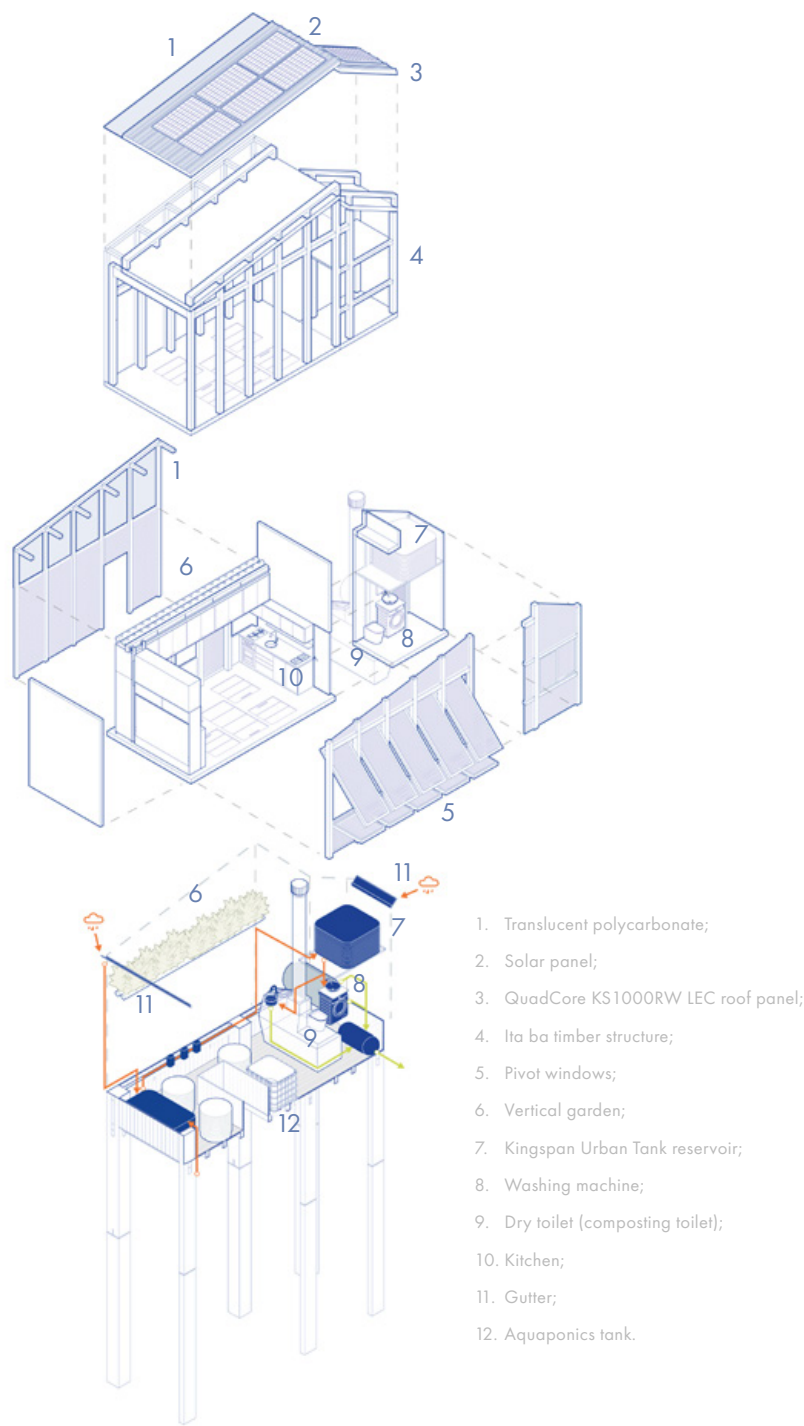
 Lumion

 Photoshop

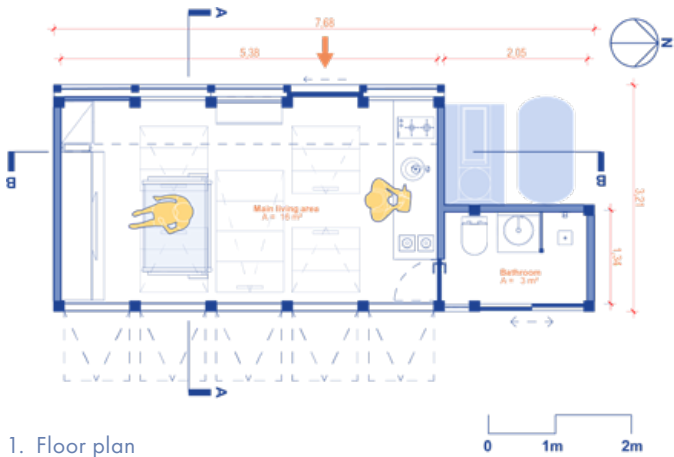
 Illustrator

 InDesign

During the development of this project, I had the opportunity to improve my Revit skills. Because of the project’s modular nature, I created several parametric families from scratch. In addition, I strengthened my presentation skills, practiced teamwork, and contributed to the project’s development in a collaborative and efficient way.

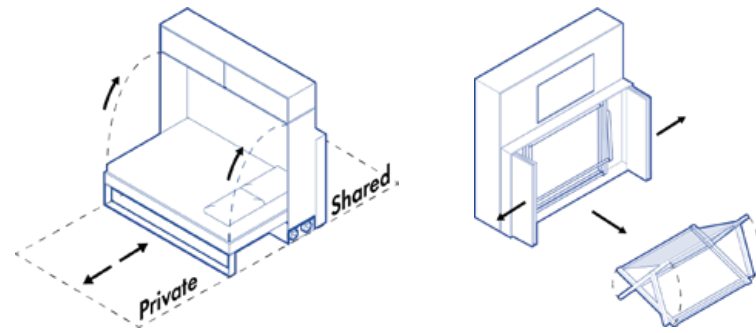


- 1. Translucent polycarbonate;
- 2. Solar panel;
- 3. QuadCore KS1000RW LEC roof panel;
- 4. Ita ba timber structure;
- 5. Pivot windows;
- 6. Vertical garden;
- 7. Kingspan Urban Tank reservoir;
- 8. Washing machine;
- 9. Dry toilet (composting toilet);
- 10. Kitchen;
- 11. Gutter;
- 12. Aquaponics tank.

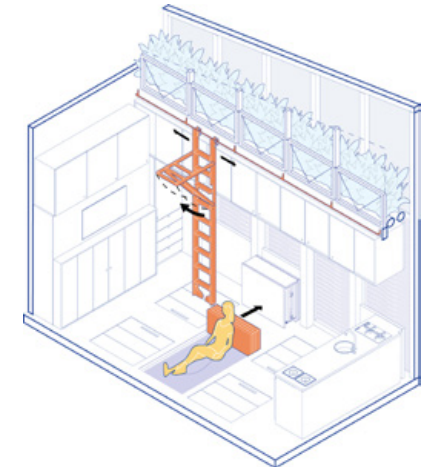
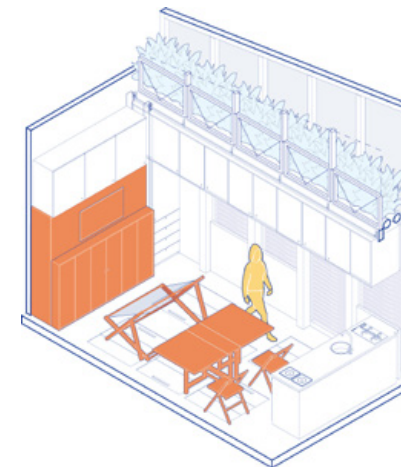
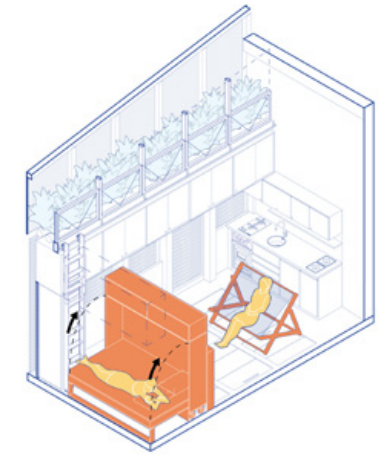
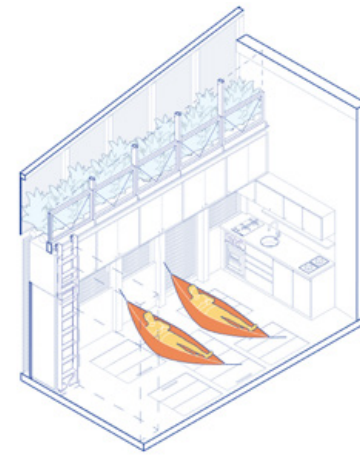


1. Floor plan

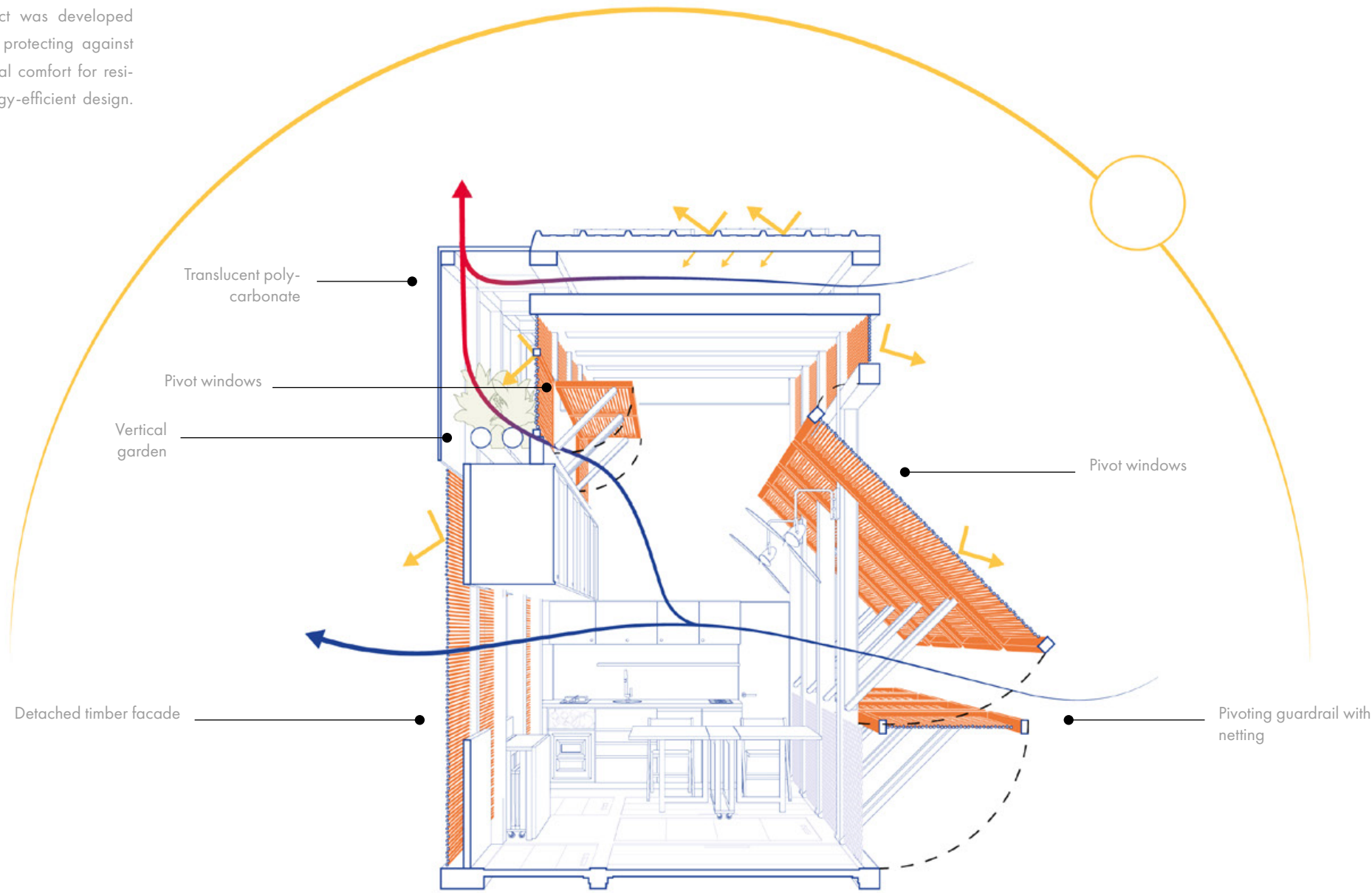
Honoring local traditions, IARA is dedicated to ensuring a dignified livelihood for riverside communities amid the challenges of Amazon savannization. Despite these difficulties, it enables communities to efficiently grow their own food, produce natural fertilizers for their crops, and implement water reuse systems—promoting resilience and self-sufficiency in the face of climate change.



Foldable, wheeled furniture transforms the space fluidly, making it easy to reorganize as needed. A movable ladder gives us the opportunity to explore vertical space for storage solutions and an indoor growing area. Folding hatch doors provide access to the aquaponics tank and filters, while a netted floor offers captivating views of the surrounding environment.



Through bioclimatic studies, the project was developed to allow maximum permeability while protecting against direct sunlight, providing passive thermal comfort for residents. This approach results in an energy-efficient design.

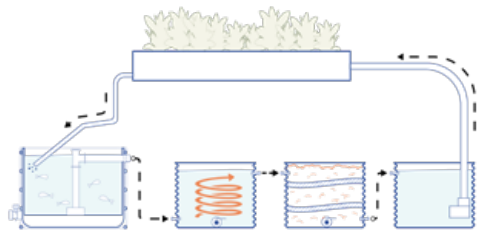


2. Section A



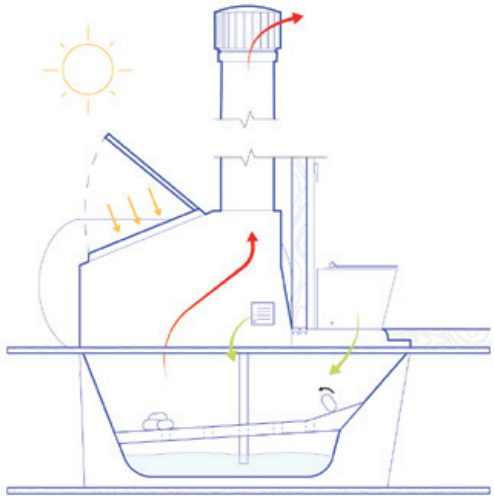
IARA offers a range of systems that enable a fully self-sufficient and sustainable home.

Among the main systems developed, aquaponics stands out. It is an integrated method of growing plants and raising fish, forming a closed-loop system that allows residents to produce their own food independently of the outside environment.



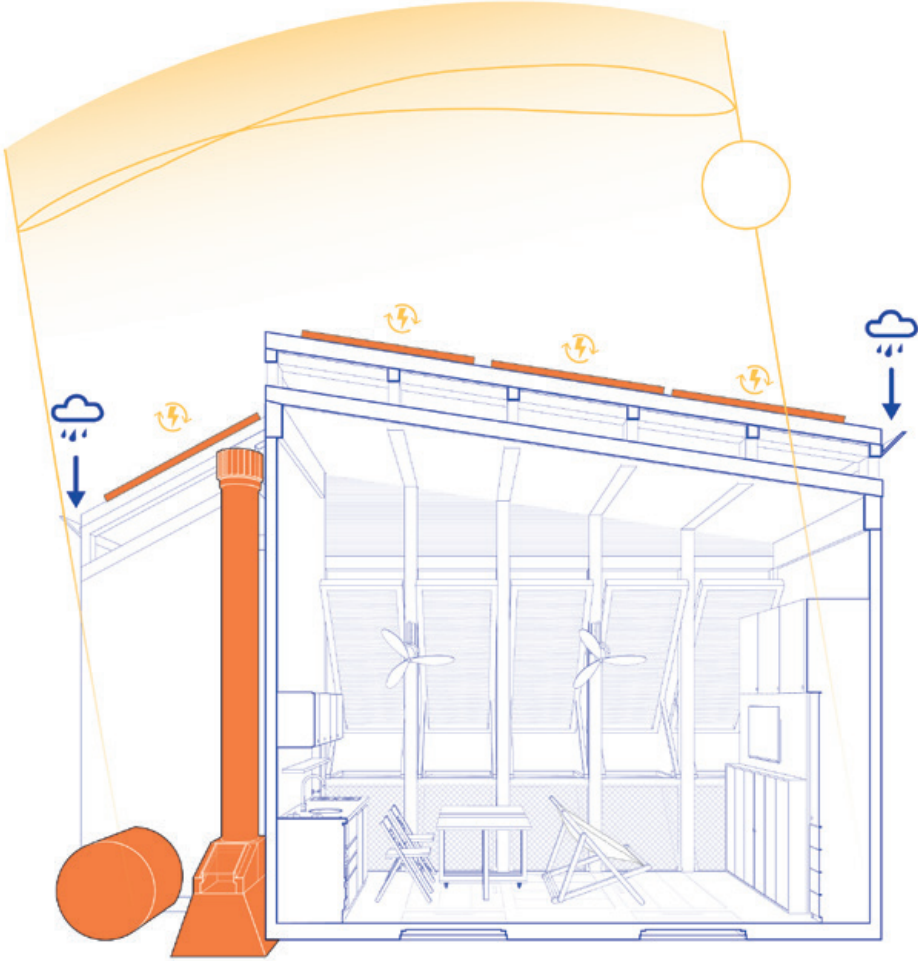
3. Aquaponics

Another highly important system is the dry toilet, which significantly improves the project's water efficiency while also producing fertilizer.



4. Dry toilet

For the treatment of organic waste, the project incorporates a biodigester that converts these residues into gas used to power the stove.



5. Section B





MV HOUSE

03

This project is a residence located in Ipatinga, Minas Gerais. It is the work to which I dedicated the most time and the one that best represents the knowledge and skills I acquired during my time at the firm “Duilio Arquitetura.”

SOFTWARE UTILIZED



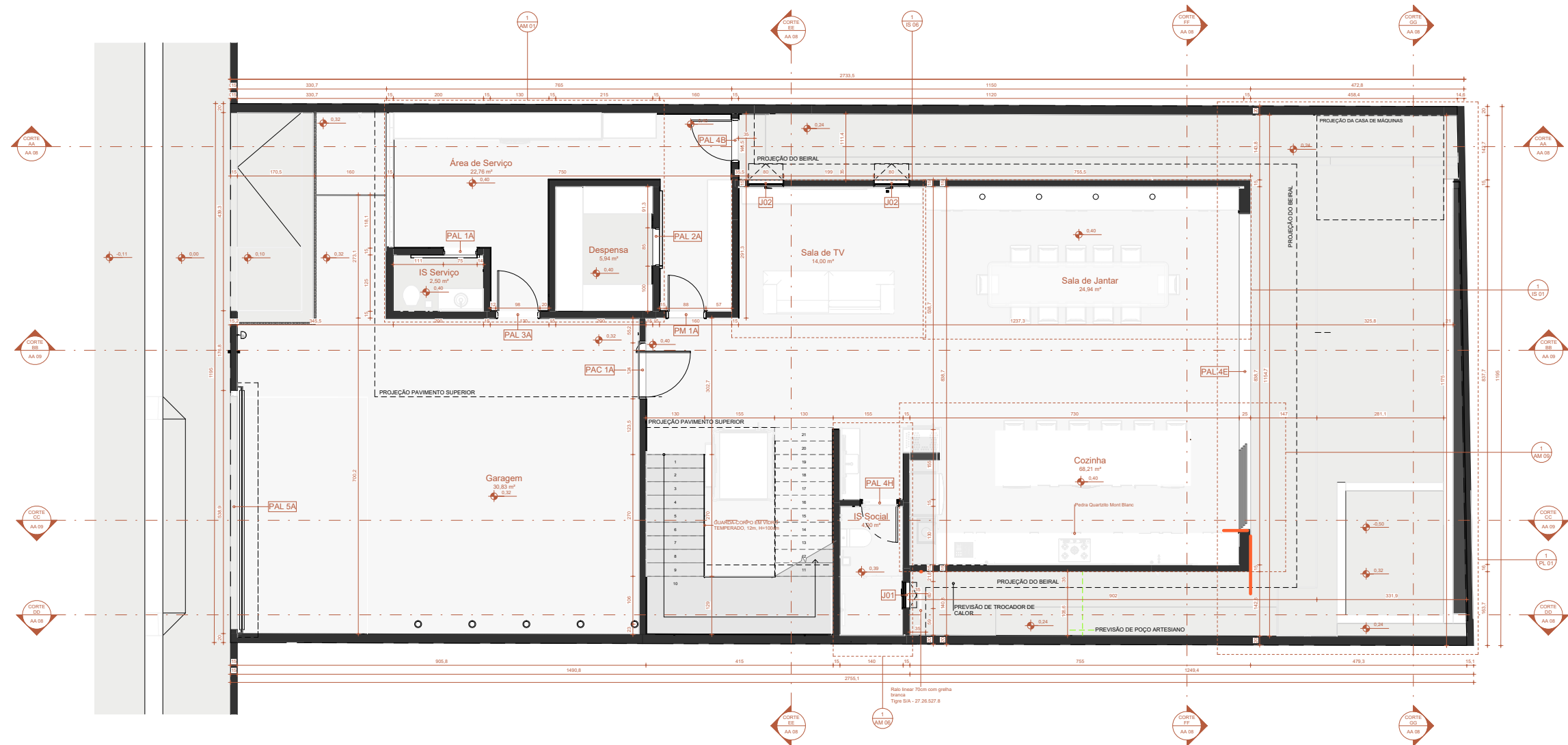
Revit



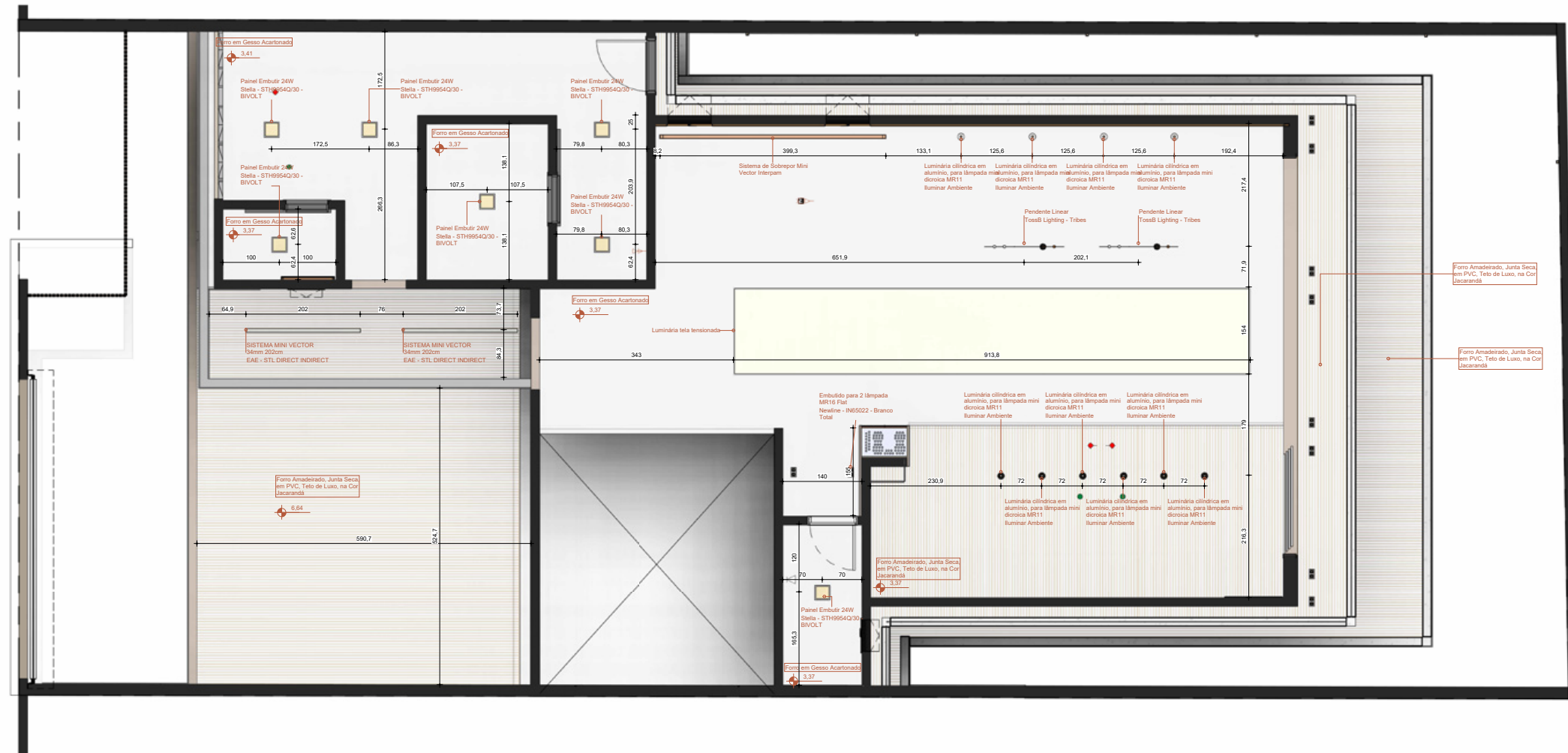
D5 Render

During my internship at the firm “Duilio Arquitetura,” I stood out for my ability to develop detailed construction drawings and produce high-quality renderings. In addition, I had the opportunity to interact with clients, follow construction processes, and participate in dozens of high-end projects.



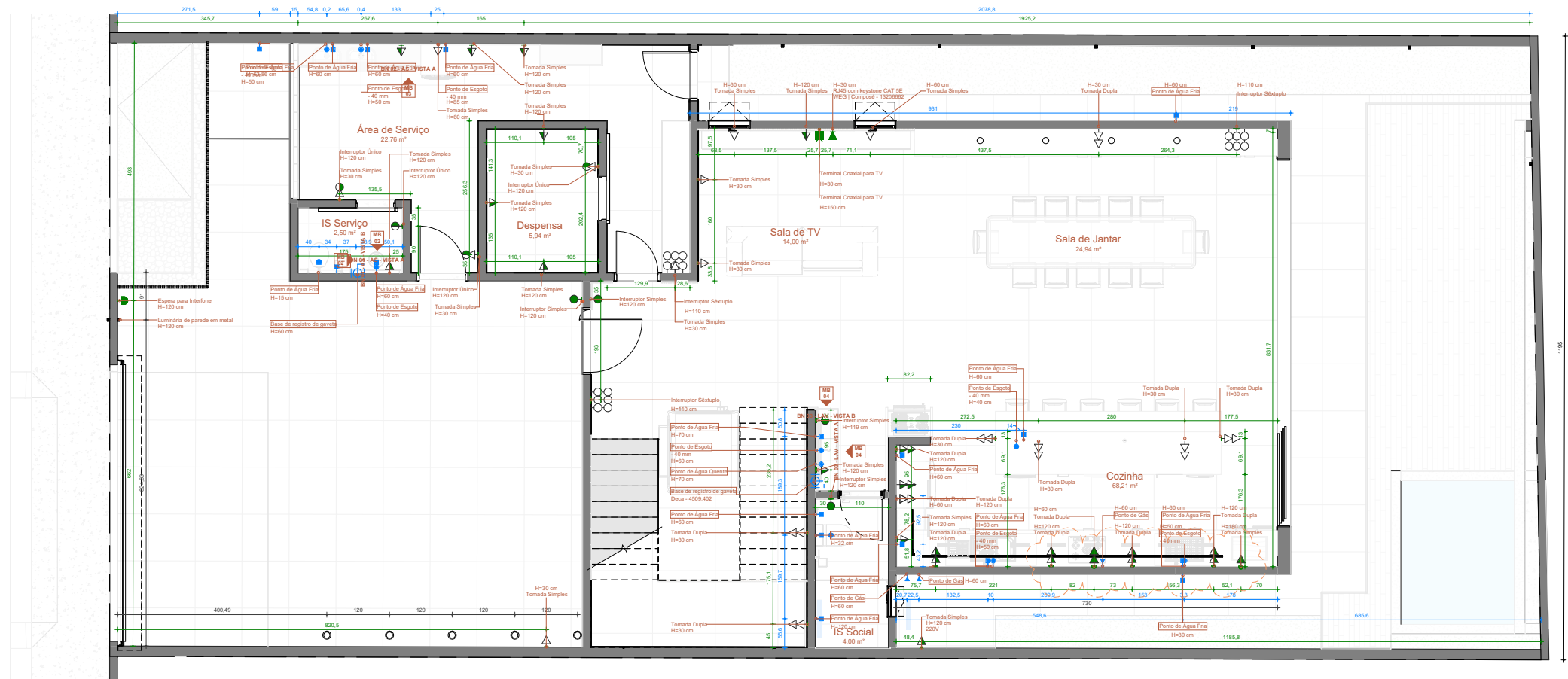


1. Floor Plan

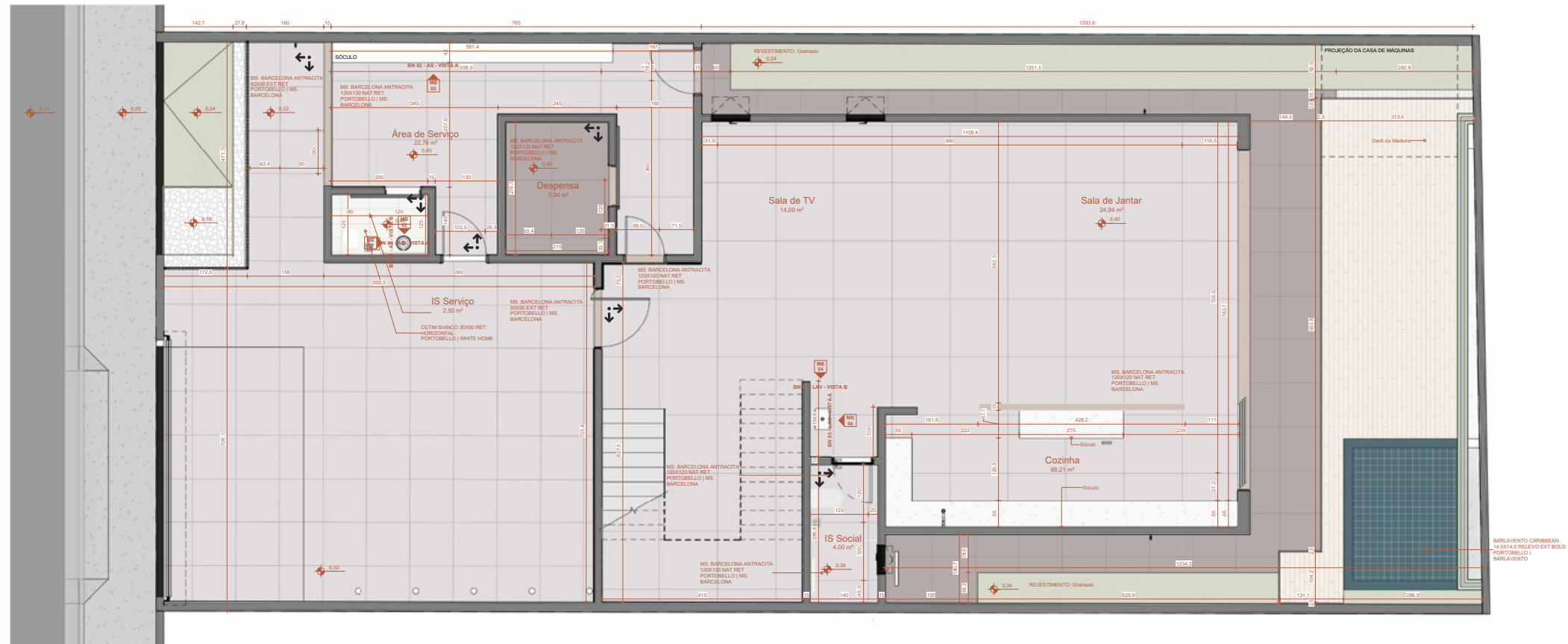


2. Ceiling Plan

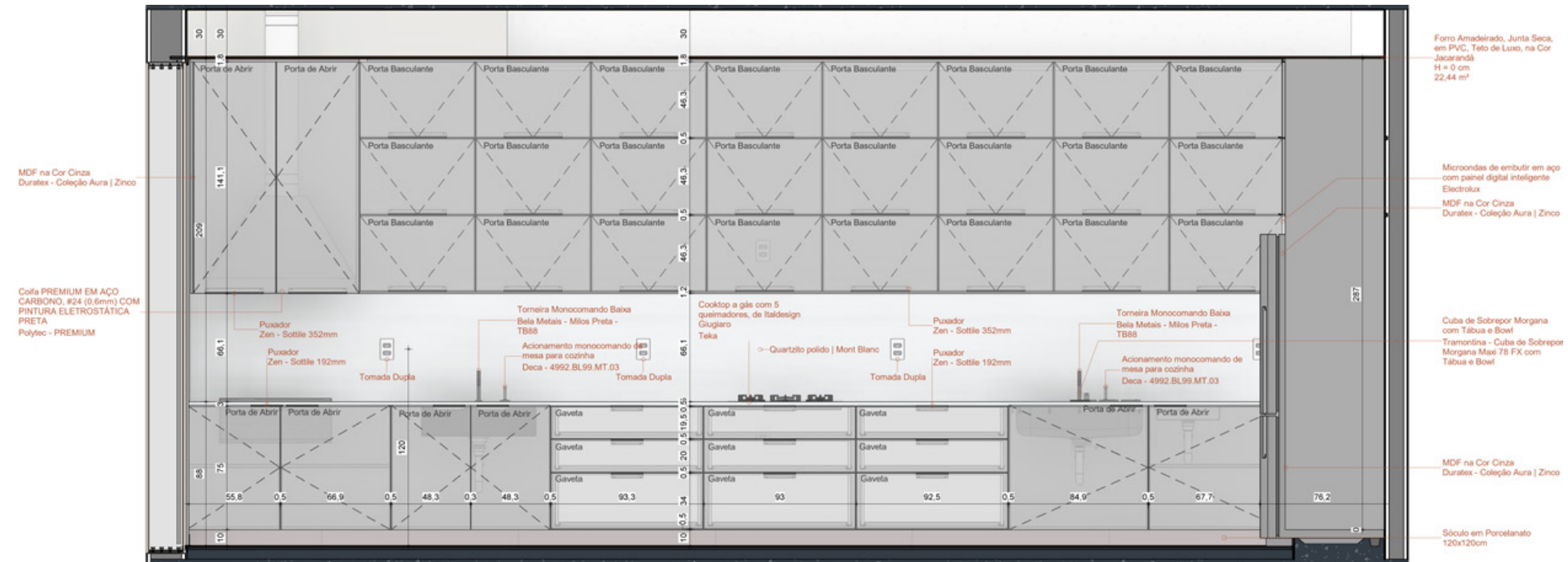




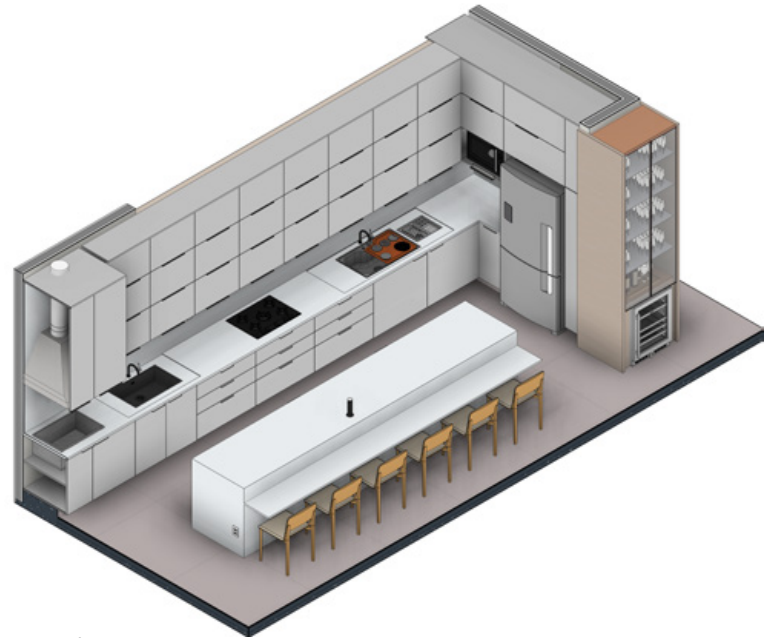
3. Electrical Floor Plan



4. Tile Layout Plan



5. Kitchen Elevation



6. Kitchen 3D







SENSŌRIA LIFESTYLE

04

Sensoria Lifestyle is a renovation commissioned by a private client for the rebranding of a spa in Niterói, Rio de Janeiro. The project reorganizes the first floor to include a coffee shop and a yoga and Pilates room, expanding the space into a broader wellness experience. Layout, lighting, and material choices were redesigned to embody the brand philosophy in every environment, so clients feel immersed from the moment they enter, moving through a cohesive sequence of calm and identity.

SOFTWARE UTILIZED



Revit



D5 Render



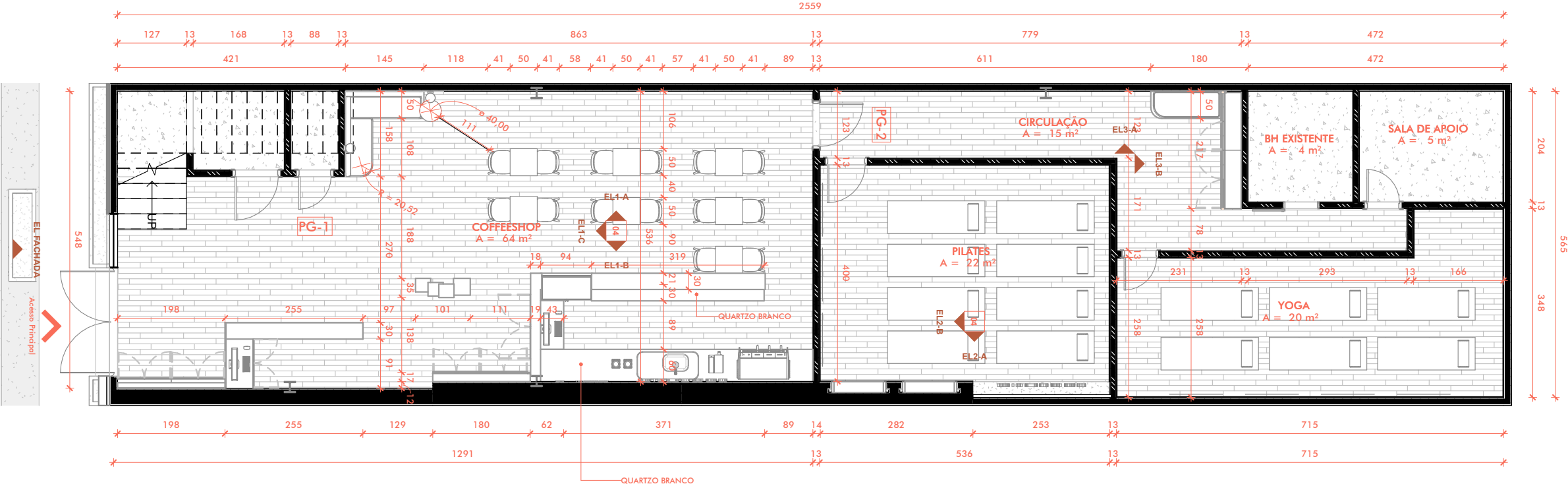
Photoshop



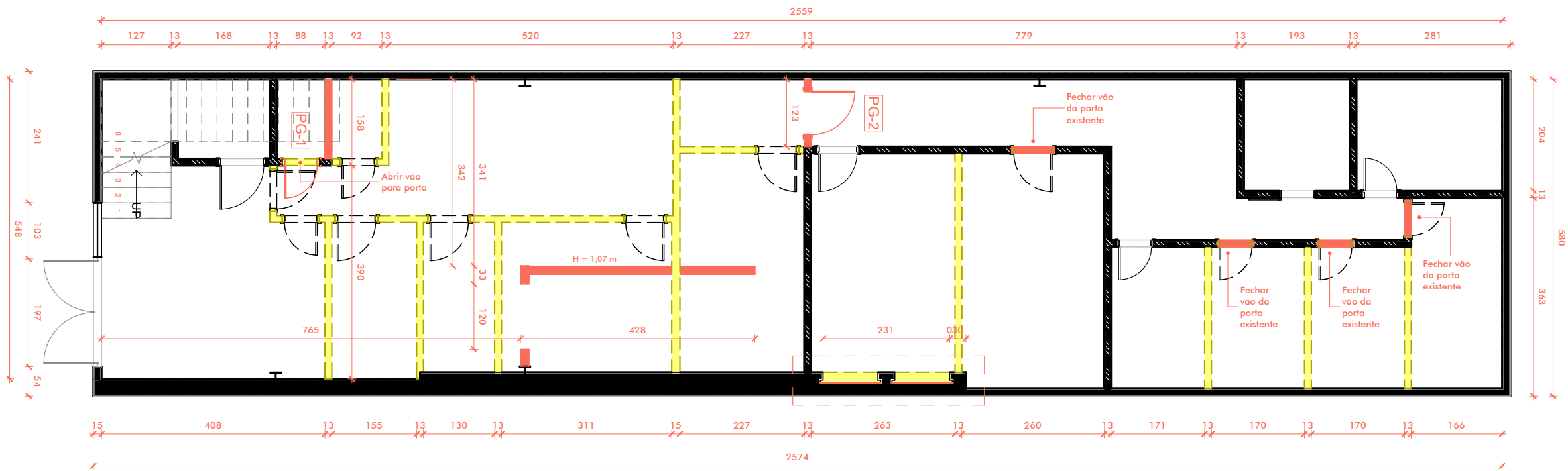
Nano Banana

Working on Sensoria Lifestyle strengthened my ability to translate brand values into architectural decisions with spatial and sensory clarity. I tested layouts, circulation, and ambience to connect the coffee shop and the practice room while maintaining the calm expected from a spa. The commission also let me apply lessons from the Management for Architecture Offices course, especially negotiation and expectation-setting, aligning budget, priorities, and design intent without losing coherence. This process improved my professional confidence and my capacity to deliver identity-driven interiors.

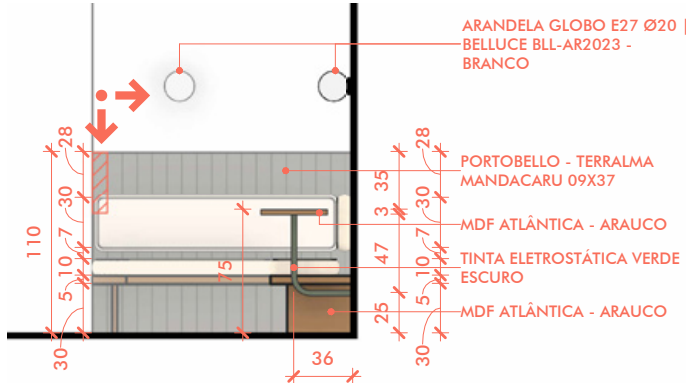




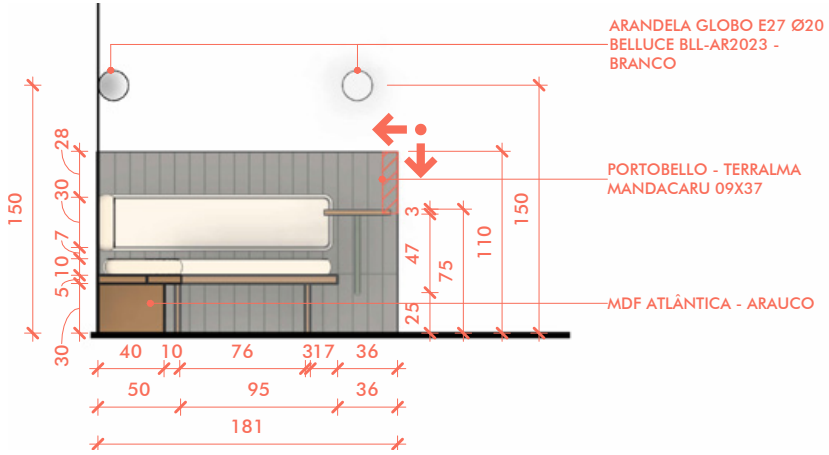
1. Floor Plan



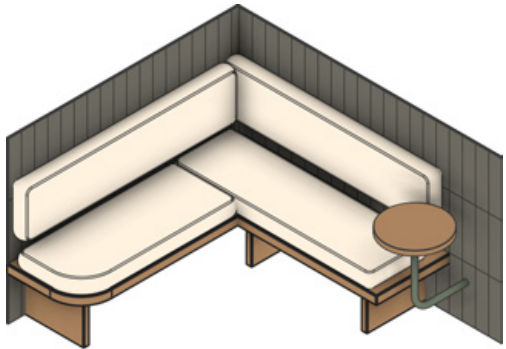
2. Demolition and Construction Floor Plan



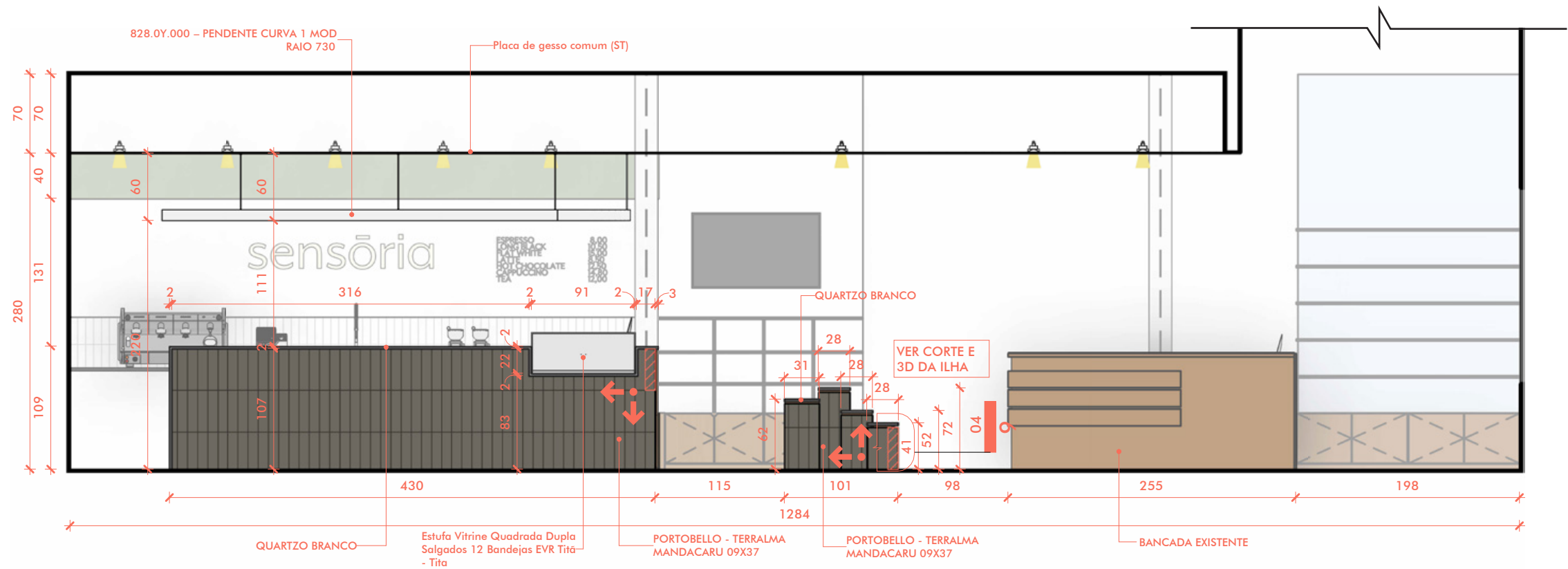
3. Reception Sofa Elevation A



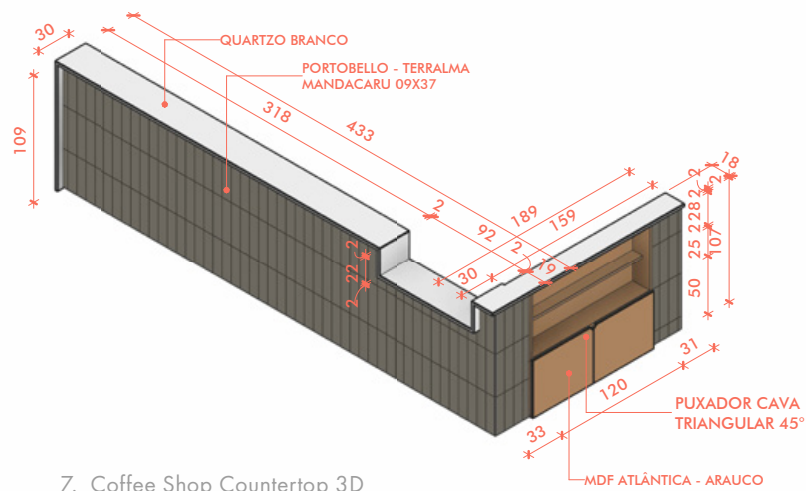
4. Reception Sofa Elevation B



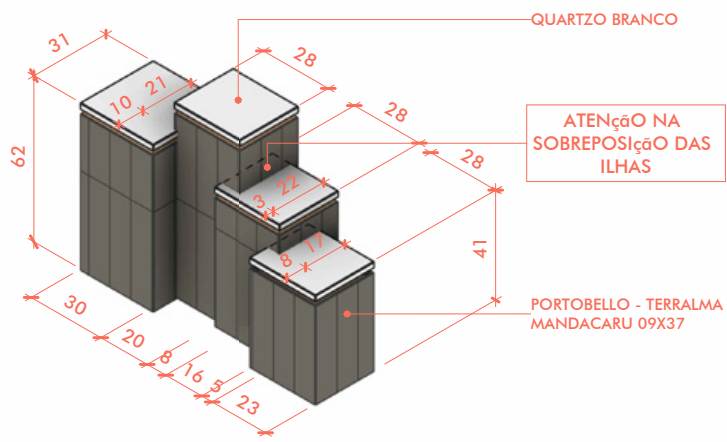
5. Reception Sofa 3D



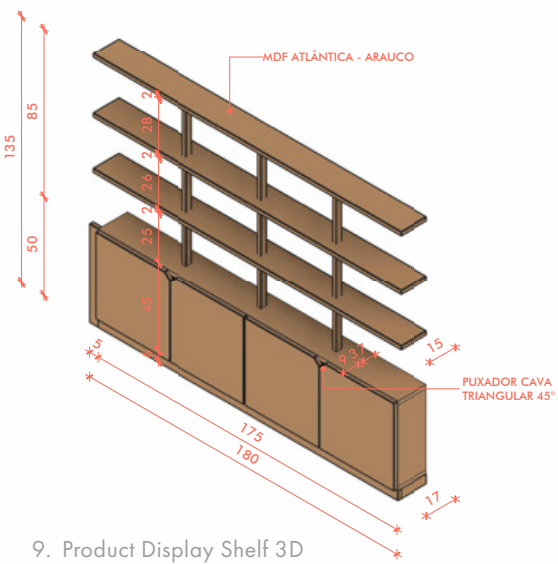
6. Coffee Shop Elevation



7. Coffee Shop Countertop 3D



8. Product Island Displays 3D



9. Product Display Shelf 3D



sensōria

T H A N K Y O U

"I WANT MY BUILDINGS TO INSPIRE THE USER, TO
MAKE THE USER HAPPY. I THINK IT IS FUNDAMENTAL TO
THINK ABOUT WHAT IS EXISTING IN THE GIVEN PLA-
CE WHERE YOU ARE GOING TO BUILD AND THEN CHE-
CK 'WHAT IS MY CONTRIBUTION AS AN ARCHITECT?'"

- FRANCIS K R