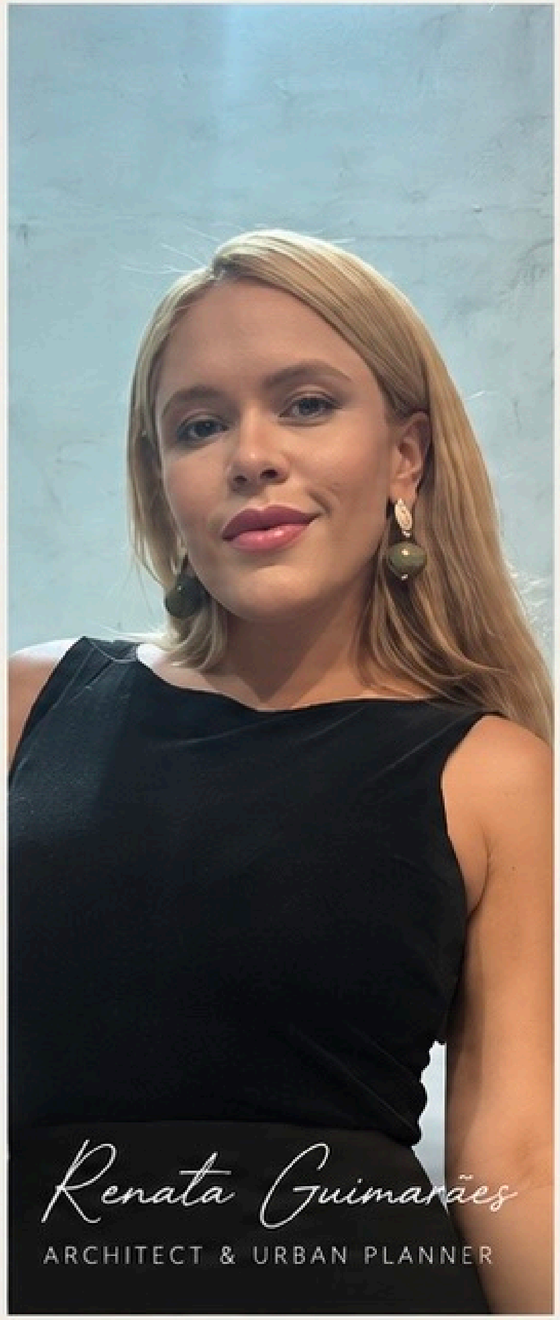
PORTFOLIO

Architecture

RENATA G.



RENATA G.

ARCHITECT | MULTIDISCIPLINARY & DETAIL-ORIENTED DESIGNER

Architect and urban planner with professional experience across institutional, residential, commercial and social-housing projects in Brazil, and remote collaboration with U.S.-based teams. I develop architectural documentation and design packages using Revit and AutoCAD, with experience in interior renovation, workplace design and community-focused projects. I am committed to smart, people-centered and sustainable solutions.

Rio de Janeiro, Brazil

renata.guimaraes.arq@gmail.com

linkedin.com/in/renataguimaraes

Available for international opportunities

EDUCATION

Postgraduate Program in Environmental Engineering
Faculdade Focus | In progress, 2026 | 420h

Bachelor of Architecture and Urbanism
Universidade Estácio de Sá | 2019

Marketing (Technologist)
Universidade Estácio de Sá | 2019

ADDITIONAL COURSES

The Architectural Imagination
HarvardX | 2023

Cambridge English
2023–2024

TECHNICAL SKILLS

Revit | AutoCAD | SketchUp | Photoshop | Lumion | Office | Canva

LANGUAGES

Portuguese (Native) | English (Upper-intermediate) | Spanish (Intermediate) | French (Beginner)

WORK EXPERIENCE

CREA-RJ (via Kingline Engenharia)

Feb 2026 – Present

Architect | COFA – Inspection Department | Rio de Janeiro, Brazil

Architectural design and renovation projects for institutional spaces, including workplace layouts, technical documentation, Revit modeling and design development. Recent projects include the renovation of the Inspection Department (6th floor), audit room (4th floor), milk collection room, inspetorias coworking spaces (Niterói, Nova Iguaçu, Araruama, Petrópolis, Campo Grande), memorials and internal improvements. Development of the "CREA AQUI" 2027 planning.

Huber Architecture

May 2024 – Jun 2026

Architectural Designer (Remote) | Seattle, USA

Production of architectural sets in AutoCAD for residential and commercial projects, including plans, elevations, sections and selected 3D modeling.

Casa Carioca | Prefeitura do Rio / SEAC

2023 – 2024

Architect | Housing Improvement Program | Rio de Janeiro, Brazil

Development of housing improvement projects in the Complexo da Maré (~300 families), including field surveys, residential design and technical documentation for participating families.

Projeto Na Régua | SEINFRA RJ / UERJ

2022 – 2023

Project Coordinator | Vila Kennedy, Rio de Janeiro, Brazil

Coordination of 170+ housing-improvement projects, with site assessments, resident interviews and accessibility-focused design.

Centro Médico Pastore

Jan 2024 – Apr 2024

Architect | Rio de Janeiro, Brazil

Development of architectural design for medical clinics.

INDEPENDENT PRACTICE

RENARCHI ARQUITETURA

2026 - Present

Founder & Architect | Rio de Janeiro, Brazil

Independent architectural practice focused on residential and commercial interiors, renovation and small-scale architectural projects. Work includes client briefing, design development, technical documentation, 3D visualization and coordination through project delivery.

SELECTED INDEPENDENT WORK

2019 - Present

Residential Renovation & Interiors

Independent residential design, interior renovation and technical documentation.

Retail & Commercial Interiors

Space planning, interior architecture, custom design elements and visualization.

Client & Project Coordination

Client communication, consultant coordination and project follow-up.

Project: Brito’s Residence - 2024

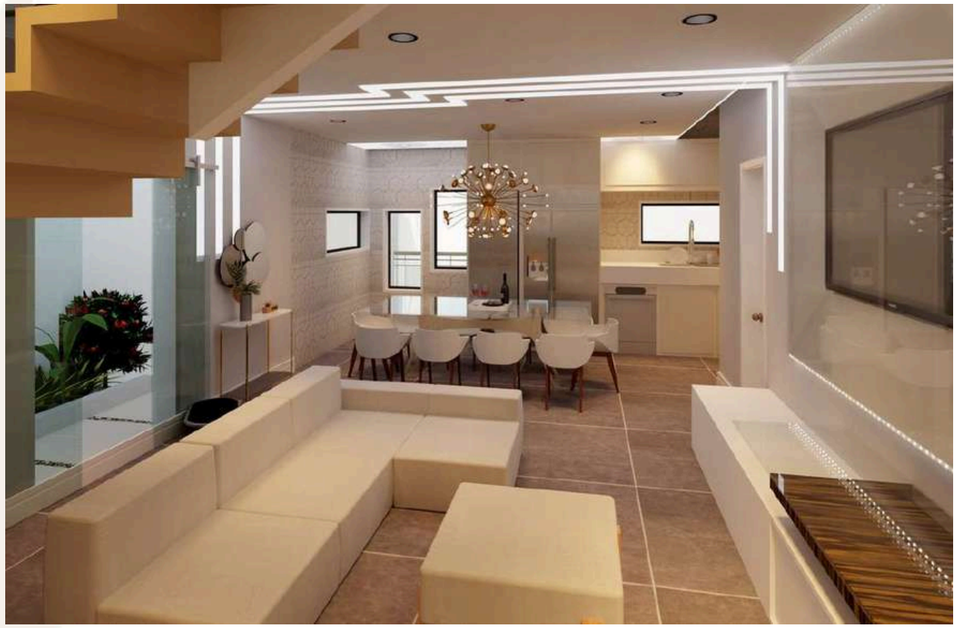
PAroject: Brito’s Residence – Residential Renovation & Facade Upgrade

Type of Project: Residential Architecture – Renovation
Location: Ilha do Governador, Rio de Janeiro – Brazil
Software: Revit, Photoshop
This project involved a full renovation of a two-story residence, including interior layout updates and a complete façade redesign. The goal was to improve spatial

organization, modernize the aesthetics, and enhance natural lighting. The interior was redesigned with an open-concept layout, and the exterior gained new finishes, lighting, and geometric elements to reflect a contemporary character.
Team: Independent project by Renata Guimarães
Country: Brazil

Night render – Revit. Warm lighting highlights textured facade design. Created and rendered by author.

A Project: Brito’s Residence - 2024



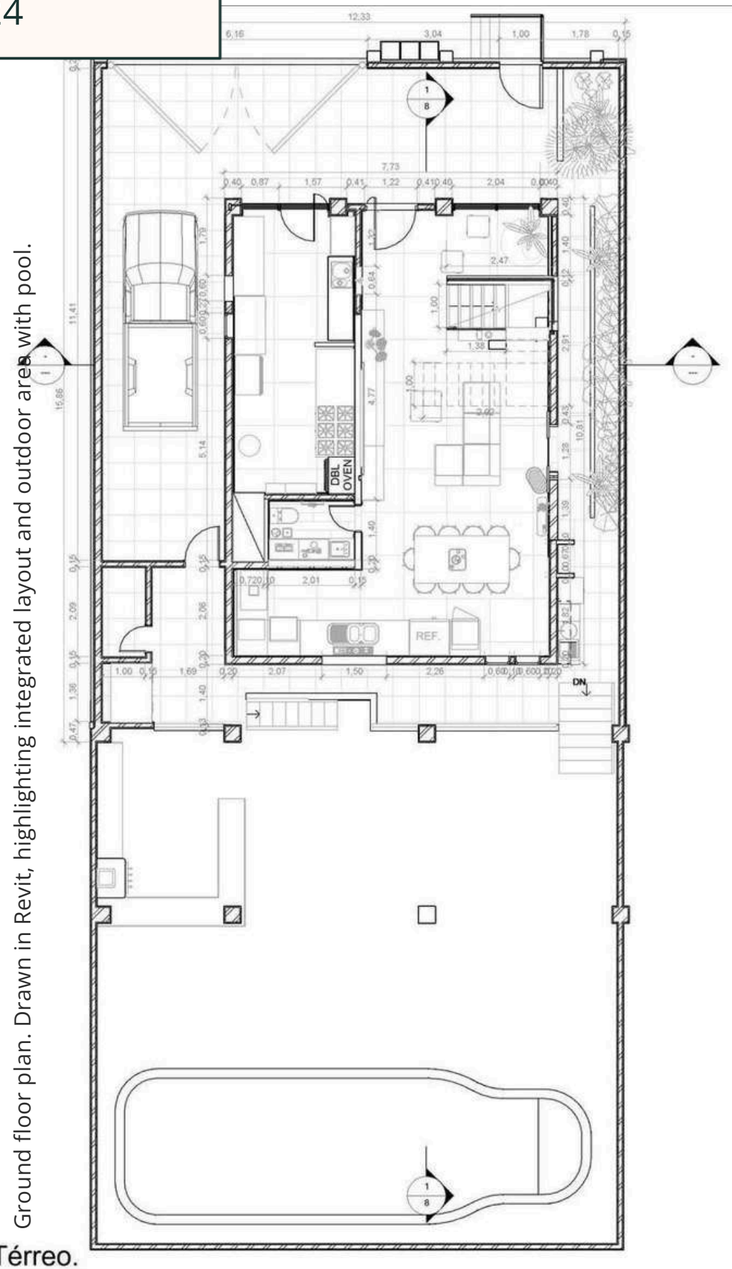
Staircase and integrated social space. Revit render byOpen-concept living and dining area. Render by Renata Guimarães.author in Revit.

render.

Rear facade with balcony and textured cladding. RevitFront facade – daytime view. Render created by

author.

A Project: Brito’s Residence - 2024



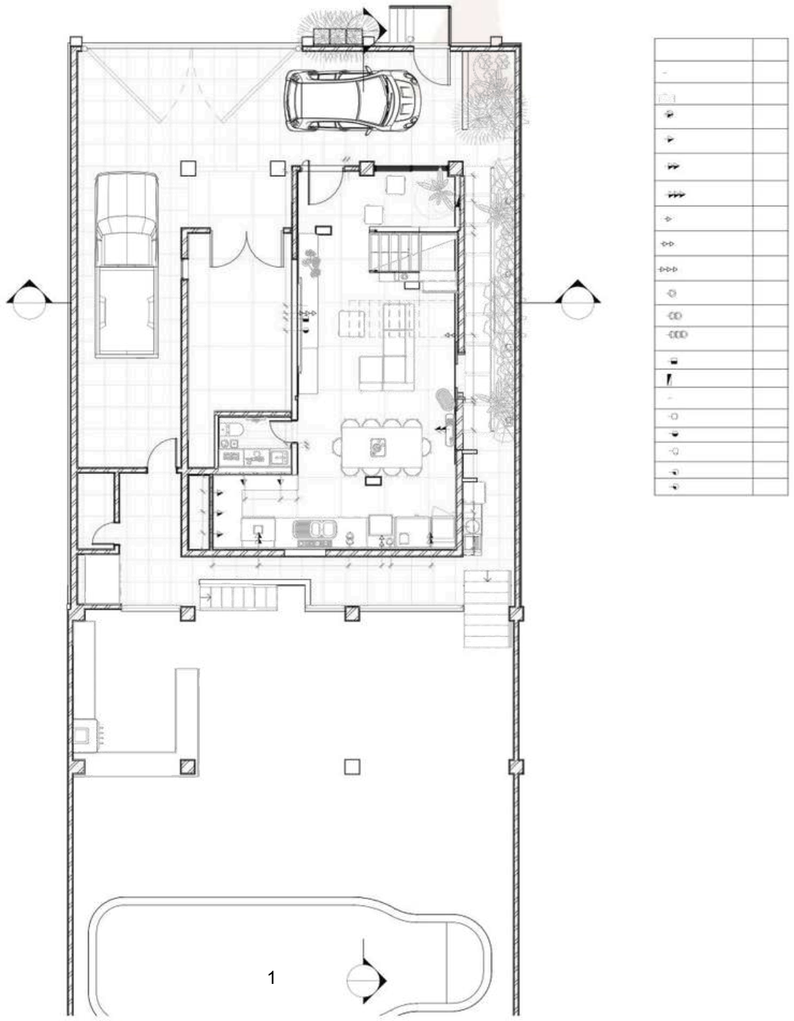
1 01.Térreo.
1 : 75

Ground floor plan. Drawn in Revit, highlighting integrated layout and outdoor area with pool.

Material and interior moodboard. Visual references for textures, finishes, and furniture palette.

A Project: Brito’s Residence - 2024

Lighting and outlet plan. Electrical layout for living and kitchen areas.



Elétrica
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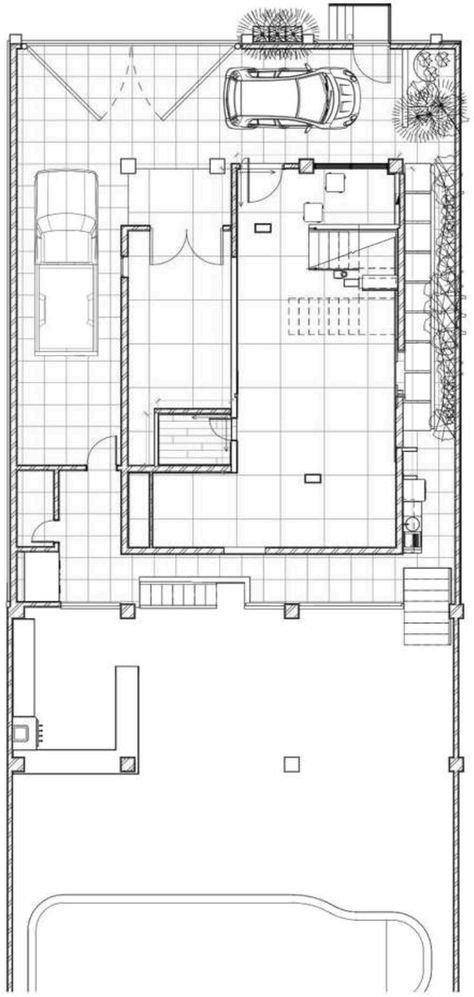
Floor finish plan. Revit drawing with material layout and area tags.



2 Paginação
1 : 75

Baseboard and finish details. Sectional view of flooring and wall meeting.

Project: Ambrosini’s Residence – Residential Renovation & Facade Upgrade

Type of Project: Residential Architecture – Interior and Facade Renovation
Location: Jardim Primavera, Duque de Caxias – Brazil
Software: Revit, Photoshop
This project focused on transforming an existing two-story residence through comprehensive interior remodeling and

facade redesign. The ground floor was reconfigured for better flow and functionality in living, kitchen, and gourmet spaces. The second floor included a new layout for two master bedrooms, bathrooms, and a family-friendly environment. The facade received a modern language with wood-textured panels, brise soleil, and integrated lighting.
Team: Independent project by Renata Guimarães
Country: Brazil

Nighttime render – Revit. Facade redesign with wood accents and integrated lighting. Render created by author.

B

Project: Ambrosini’s Residence – 2021

Front Facade
Contemporary design with clean lines, textured panels, and vertical elements.

Backyard Lounge
Warm and inviting lounge with wood paneling, swing chair, and vertical garden.

Kitchen & Staircase
Open-plan kitchen with bold blue cabinetry and integrated staircase lighting.

First Floor

Living & Dining Room
Bright, spacious layout with wood accents and seamless room flow.

Gourmet Area
Stylish gourmet kitchen with stone textures and pendant lighting.

B Project: Ambrosini’s Residence – 2021

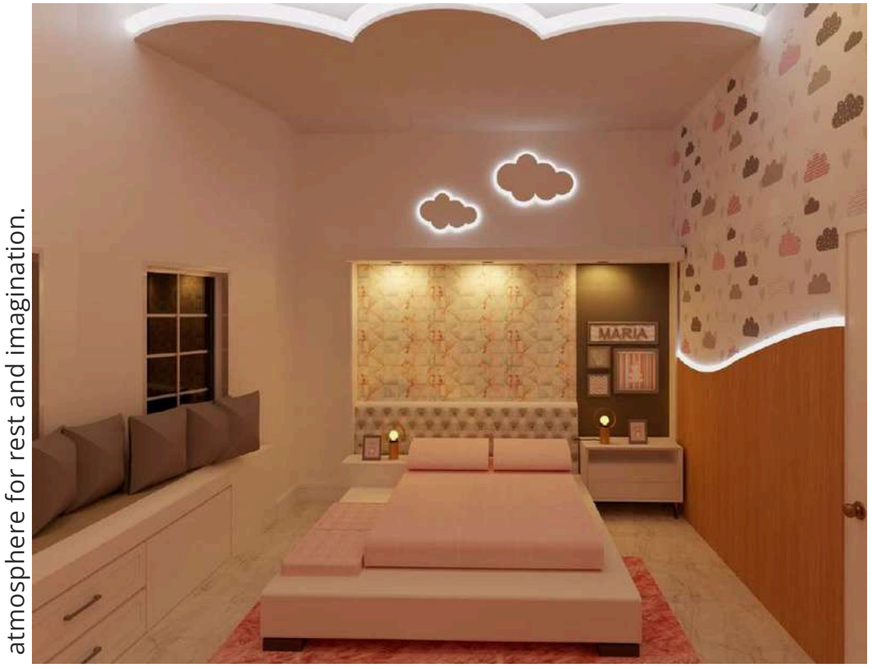
Second Floor

Master Suite
Elegant and neutral-toned bedroom with classic wall paneling, cozy lighting, and blackout curtains for privacy and comfort.

Private Lounge & Dressing, Integrated space combining a vanity area, soft lighting, and open storage, balancing functionality and refined style.

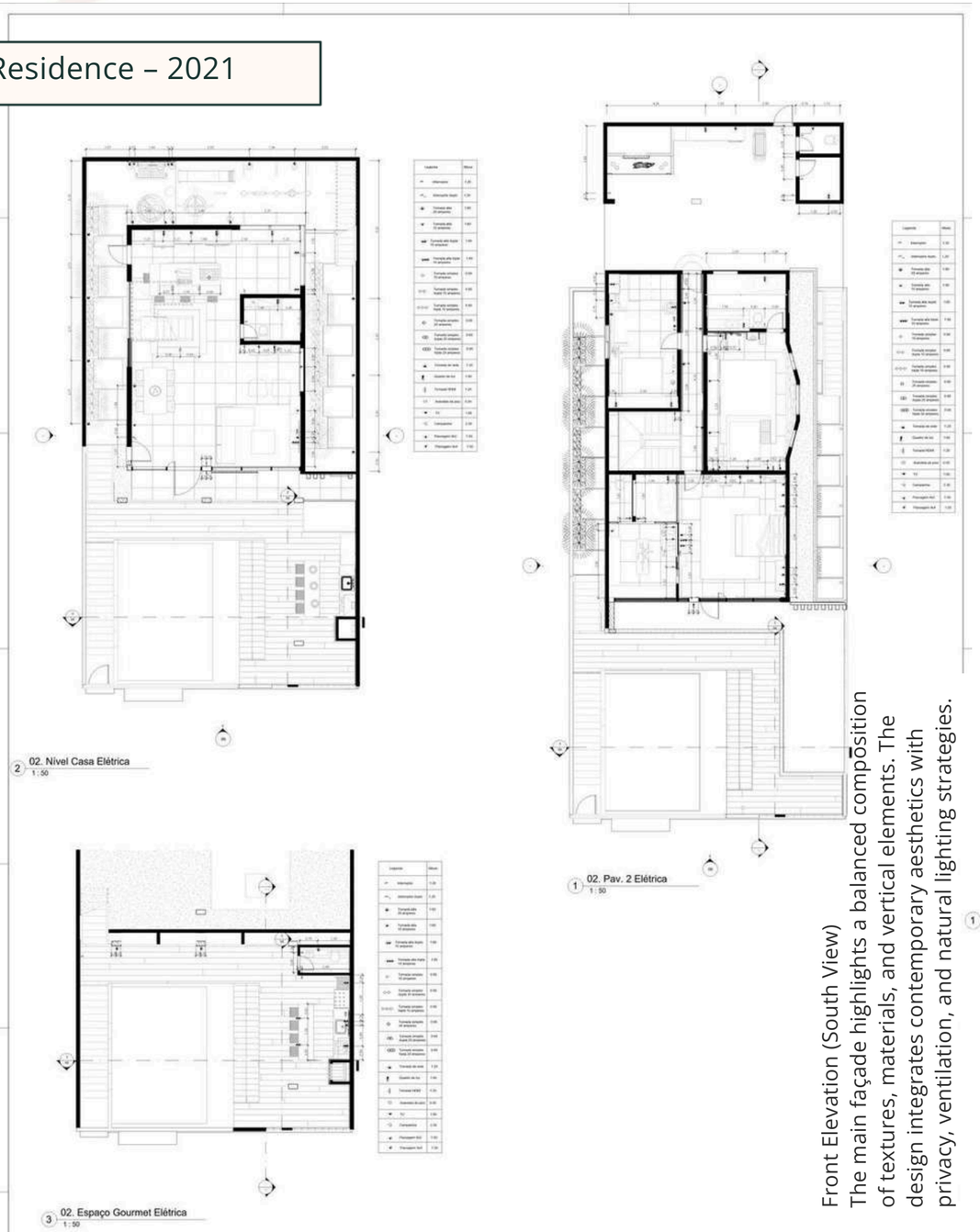
Girl’s Bathroom
Charming and playful, featuring soft pink details, mirrored cabinets, and a custom step-up vanity for a child-friendly layout.

Girl’s Bedroom. Whimsical and cozy with pastel wallpaper, cloud-shaped lighting, and a warm atmosphere for rest and imagination.

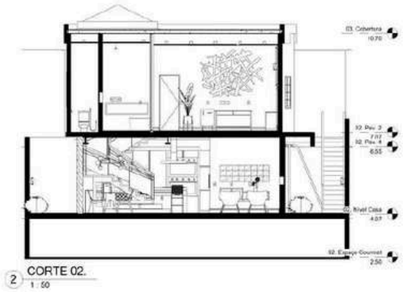


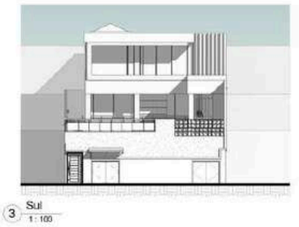
B Project: Ambrosini’s Residence – 2021

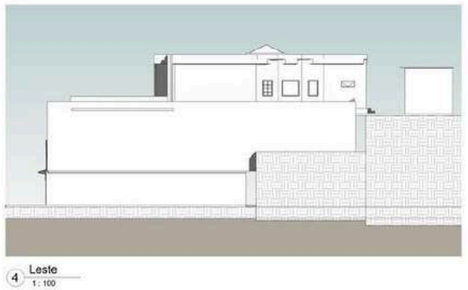
Electrical Layouts
Complete electrical plans for both floors and gourmet area, including power outlets, switches, and lighting points. Each layout was developed to ensure comfort, functionality, and integration with the architectural design.



Front Elevation (South View)
The main façade highlights a balanced composition of textures, materials, and vertical elements. The design integrates contemporary aesthetics with privacy, ventilation, and natural lighting strategies.

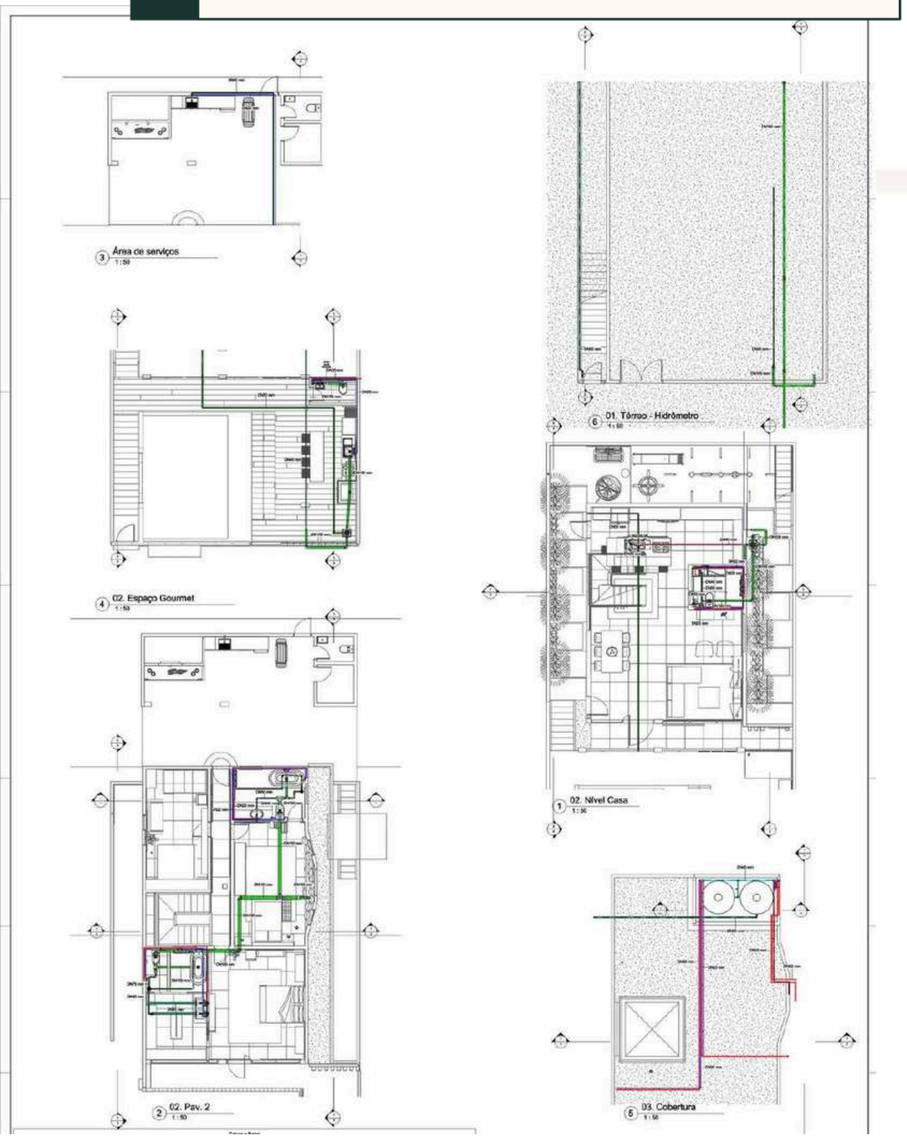


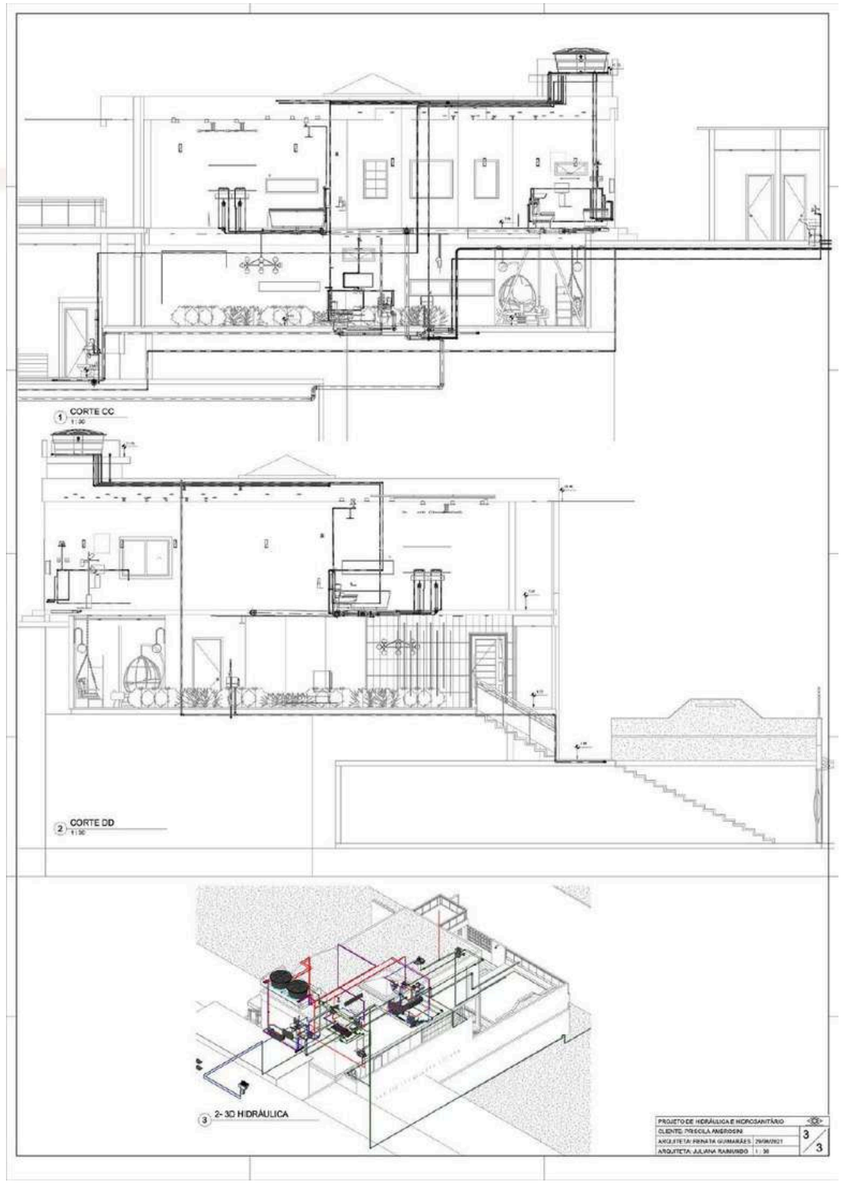


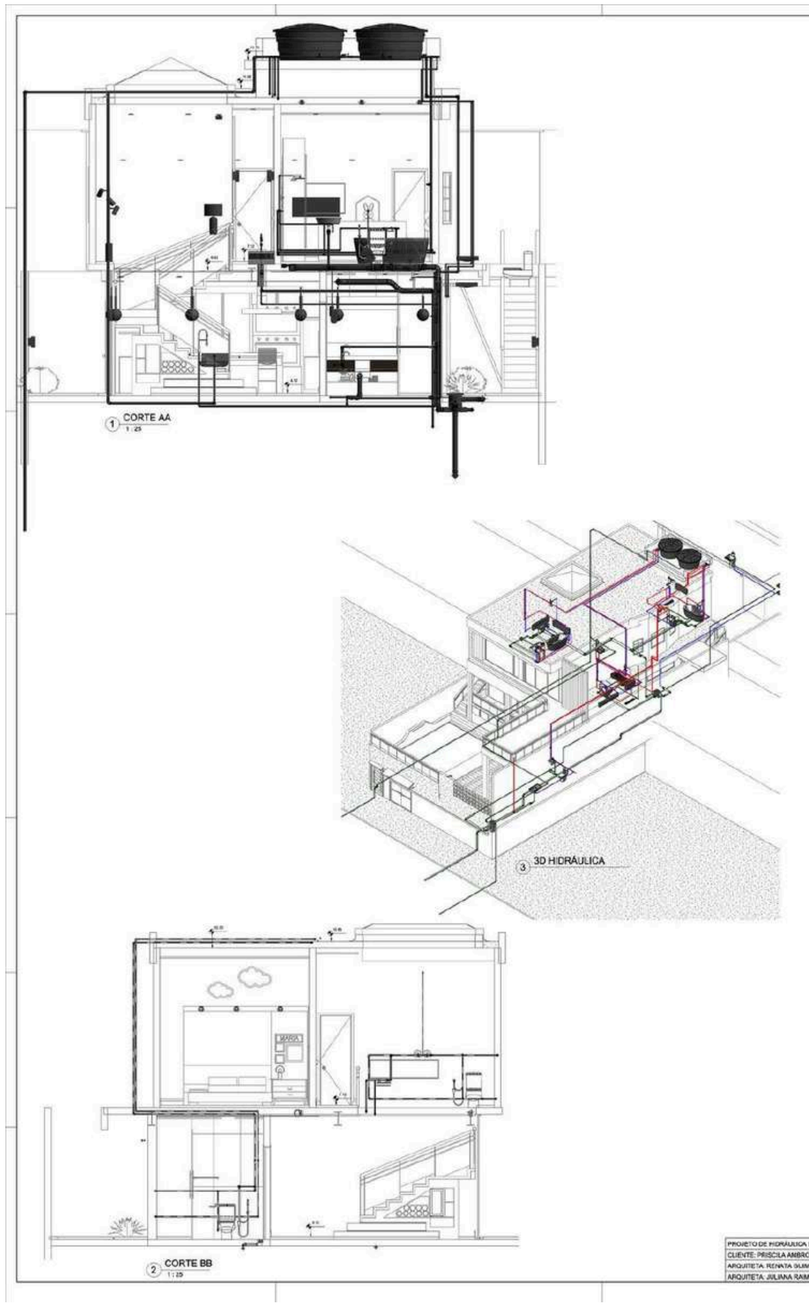


Plumbing System – Plans, Sections and 3D Axonometric

B Project: Ambrosini’s Residence – 2021







Complete hydrosanitary documentation including floor plans, vertical sections, and 3D axonometric views. The drawings illustrate water supply, drainage, and vent systems, ensuring efficient distribution and maintenance access throughout the residence.

C Project Cool Barber Shop - 2019

Project: Cool Barber Shop – Interior Design & Brand Experience

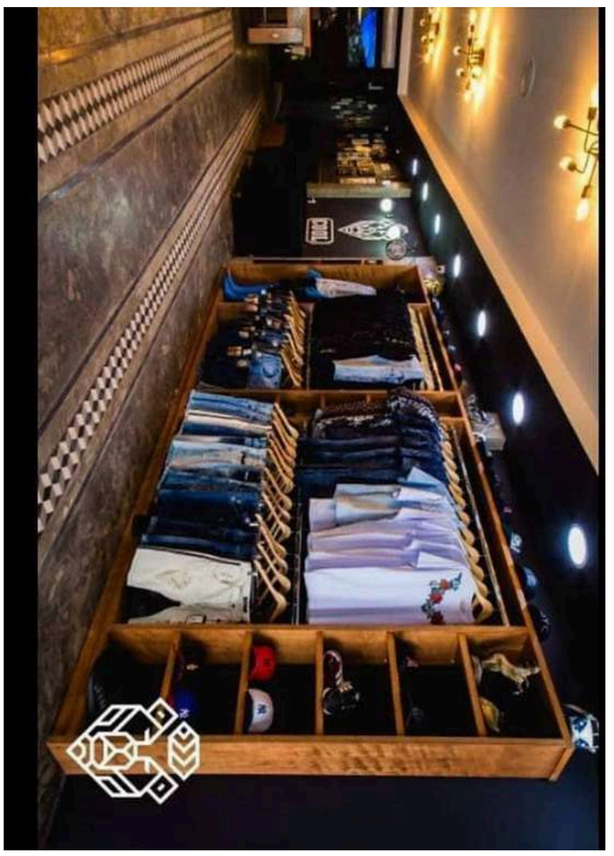
Type of Project: Retail Interior Design
Location: Bonsucesso, Rio de Janeiro – Brazil
Software: Revit, Photoshop
Project Description:
Interior design for a retro-inspired barbershop combining aesthetics and functionality. The project preserved the original brick walls to reinforce the industrial style, enhanced by custom-designed furniture and warm ambient lighting.
The layout integrates a reception area, bar and lounge, menswear retail, and tattoo studio — offering a complete brand experience in one cohesive environment. Circulation and zoning were carefully planned to ensure comfort and flow.
Key Features:

- Original exposed brick as a design element
- Integration of services: bar, games, retail, tattoo
- Custom finishes and lighting for identity and comfort

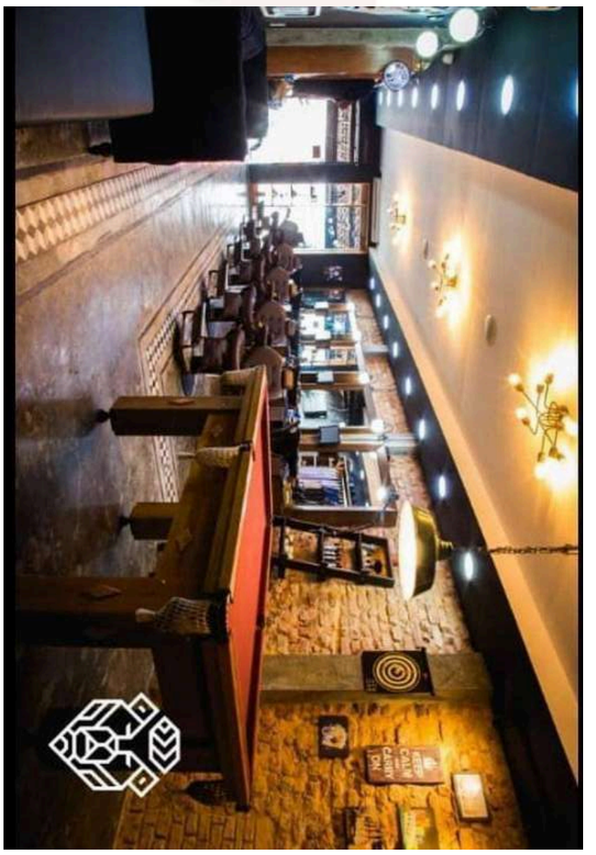
Main cutting area with custom retro-style barber chairs, ambient lighting, and exposed brick walls — combining functionality with strong brand identity.

Waiting area with sofa and accent wall featuring the COOL logo, combining comfort and brand identity.

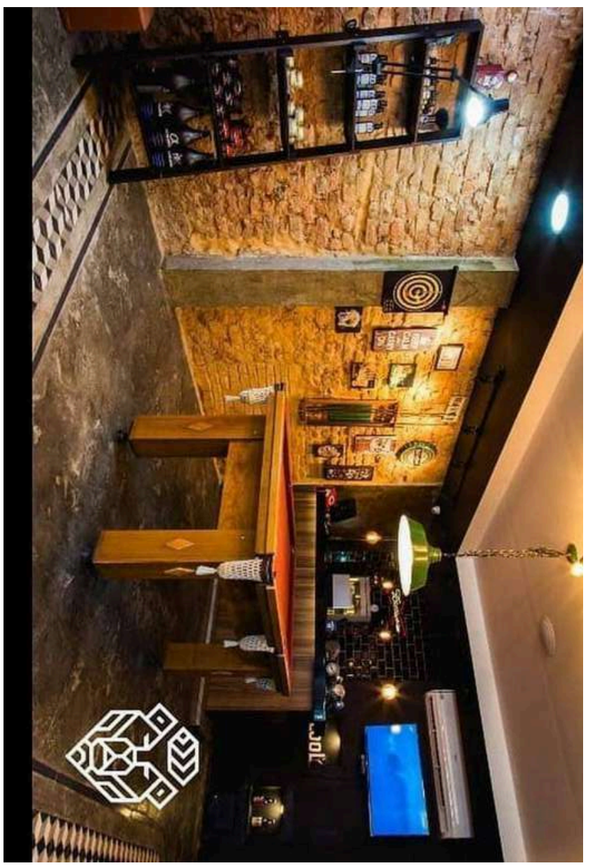
Custom-designed menswear display with open wooden shelving and directional lighting for product emphasis.



Main cutting area and lounge with pool table, featuring vintage floor patterns, warm lighting, and exposed brick walls.



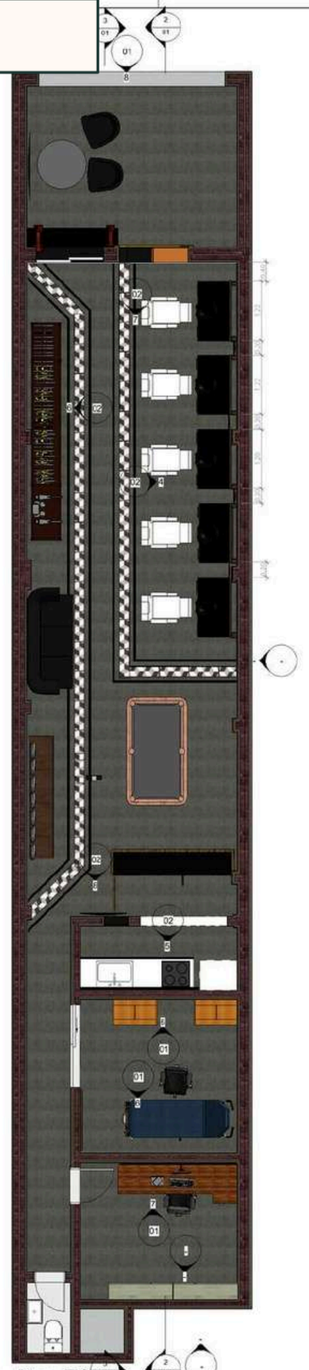
Bar area with rustic elements, including a brick backdrop, metal shelving, and industrial lighting.



C Project Cool Barber Shop - 2019

Drawings Index – Cool Barber Shop

1. Floor Plan – Ground Level
2. Functional layout connecting barbershop, bar, lounge, retail, and tattoo areas.
3. Section AA
4. Longitudinal section showing the spatial relationship between workstations and service zones.
5. Section BB
6. Transversal section highlighting ceiling height and material transitions.
7. Front Façade – Perspective View
8. Rendered frontal view with brand signage and lighting.
9. Tattoo Room – View 1
10. Artistic wall mural and layout of the tattoo studio.
11. Tattoo Room – View 2
12. Perspective with equipment and wall gallery.
13. Storefront Elevation – Technical Drawing
14. Elevation detailing the shopfront, finishes, and glass openings.
15. Office Room View
16. Interior design of the private back-office for staff operations.



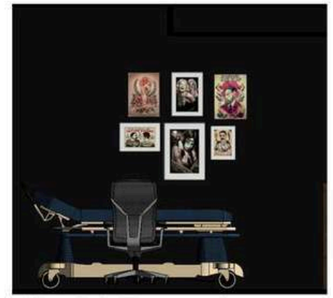
1 Planta Baixa - Pav. Térreo
1 : 50

2 Corte AA
1 : 50

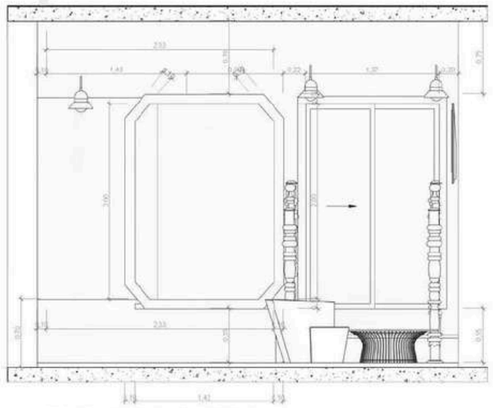
3 Corte BB
1 : 50

4 Fachada Principal
1 : 25

5 Vista Sala Tatuagem
1 : 25



6 Vista Sala Tatuagem 2
1 : 25



8 Fachada Principal Vitrine
1 : 25

7 Vista Escritório
1 : 25

Projeto Cool Bonsucesso	
Cliente: Cool Barber Shop	
Clayton Guimarães	29/05/2018
Arquiteta: Renata Guimarães	As indicated

D Project: Centro Médico Pastore – 2024

Project: Centro Médico Pastore – Healthcare Interior Design & Clinic Fit-out

Type of Project: Healthcare Architecture – Interior Fit-out and Layout Optimization
Location: Bangu, Rio de Janeiro – Brazil
Software: AutoCAD, Revit, Photoshop
Project Description:
This project involved the architectural remodeling and interior design of a low-cost healthcare clinic located in a shopping center. The layout was planned to ensure optimal flow, accessibility, and patient experience within a compact space.
The program included consultation rooms (general, gynecological, and specialty), diagnostic areas (ultrasound, radiology, audiometry), a blood collection room, staff support areas, and a welcoming reception and waiting area. All spaces were designed according to sanitary regulations, with barite-lined walls for radiology and accessibility features for the PWD restroom.
Key Features:

- 7 consultation rooms, including gynecology and ophthalmology/ENT
- Ultrasound and radiology rooms with technical specifications
- Audiometry, CPD, DML, and sample collection space
- Reception, circulation, storage, and accessible restrooms
- Compliance with healthcare facility standards

Team: Independent project by Renata Guimarães
Country: Brazil

Main entrance perspective rendered in Revit, showcasing the clinic's clean, accessible design with clear signage, neutral tones, and welcoming lighting. The layout ensures visibility and flow for patients entering from the shopping corridor.

D Project Central Medical Pastore - 2024

Drawings Index – Signage and Façade Documentation

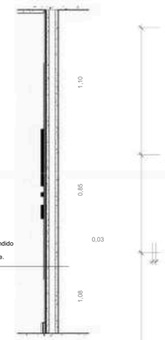
1. Legal Signage Plan
2. Required documentation for signage legalization according to city regulations.
3. Site Plan
4. Location map indicating the clinic's position within the shopping mall layout.
5. Facade Elevation – Front View
6. Technical elevation drawing showing dimensions and placement of the external signage.
7. Section – Side View of Signage
8. Cross-section detailing depth and mounting of the sign structure.
9. Sign Layout – Side Plate View
10. Placement and proportion of side marketing plate next to the entrance.
11. Render – Main Facade Perspective
12. 3D visualization of the clinic entrance with integrated branding and accessibility.
13. 3D Detail – Wall Signage
14. Close-up render of the brand signage applied to the exterior wall.
15. Information Board
16. Material specifications, dimensions, and mounting notes for all signage elements.

1 P1 L: 5A0MATA BIXA - FACHADA FRONTAL

Placa de PVC L: 3,00m x H: 2,04m
1mm impressão UV

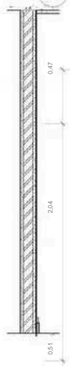
2 P1 L: 2A0CA FACHADA

3 LETREIRO
1 : 20



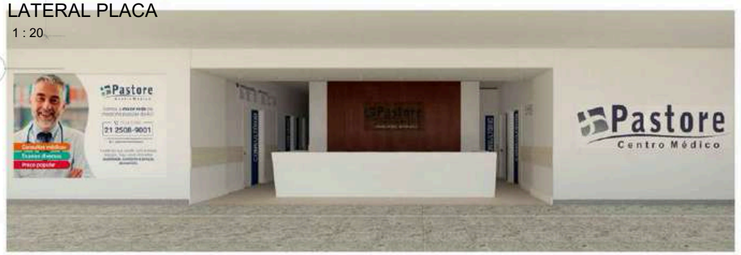
Material Letra PVC expandido com pintura automotiva e fixação direto na parede. 15mm

4 C1 O: 20RTE LATERAL- LETREIRO



6 F1 A: 5C0HADA PRINCIPAL

5 LATERAL PLACA
1 : 20



7 3D LETREIRO

Planta de Legalização de letreiro

Figueiredo Aranha Clínica Médica e Serviçosde Diagnósticos Ltda
CNPJ: 12.656.483/0001-66
R. Fonseca, 240 - 216A - Bangu, Rio de Janeiro - RJ, 21820-005

Guilherme Aranha Reis Portela Ribeiro

Planta de Situação

SEM ESCALA

Quadro de Informações

Materiald o letreiro: LetraPVCexpandidocompintura automotiva e fixação direto na parede.
15mm

L: 3,00m x H: 0,85m
blockletter 30mm com pintura automotiva
Letras em PVC, fixadas na parede do estabelecimento
A altura do letreiro em relação ao solo é de
1,08m, conforme o modelo ao lado;

Placa de PVC L: 3,00m x H: 2,04m
1mm impressão UV
A altura do letreiro em relação ao solo é de
0,51m, conforme o modelo ao lado;
A placa é instalada com fita 2m

BANGU SHOPPING

ALLOS

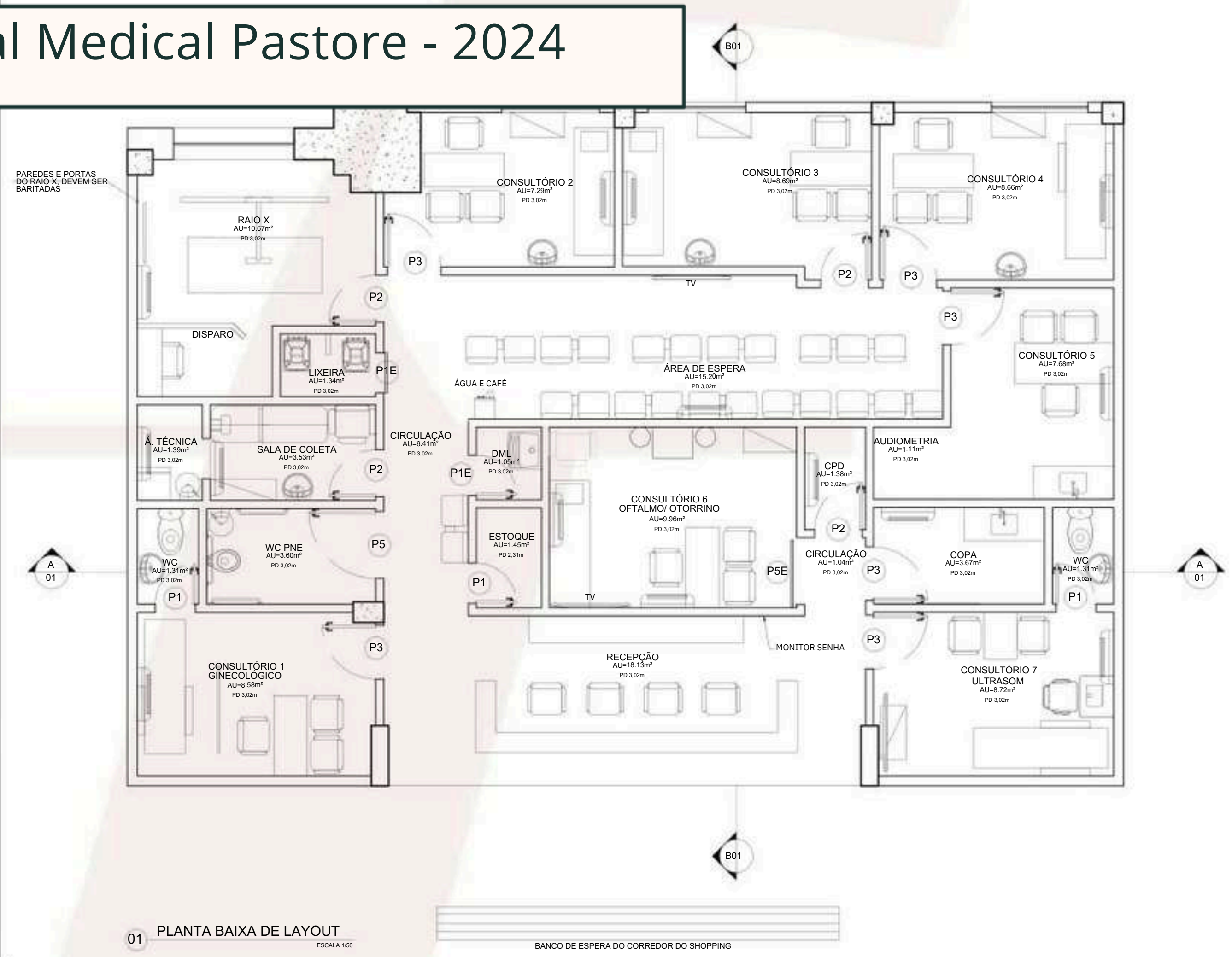
revisões anteriores

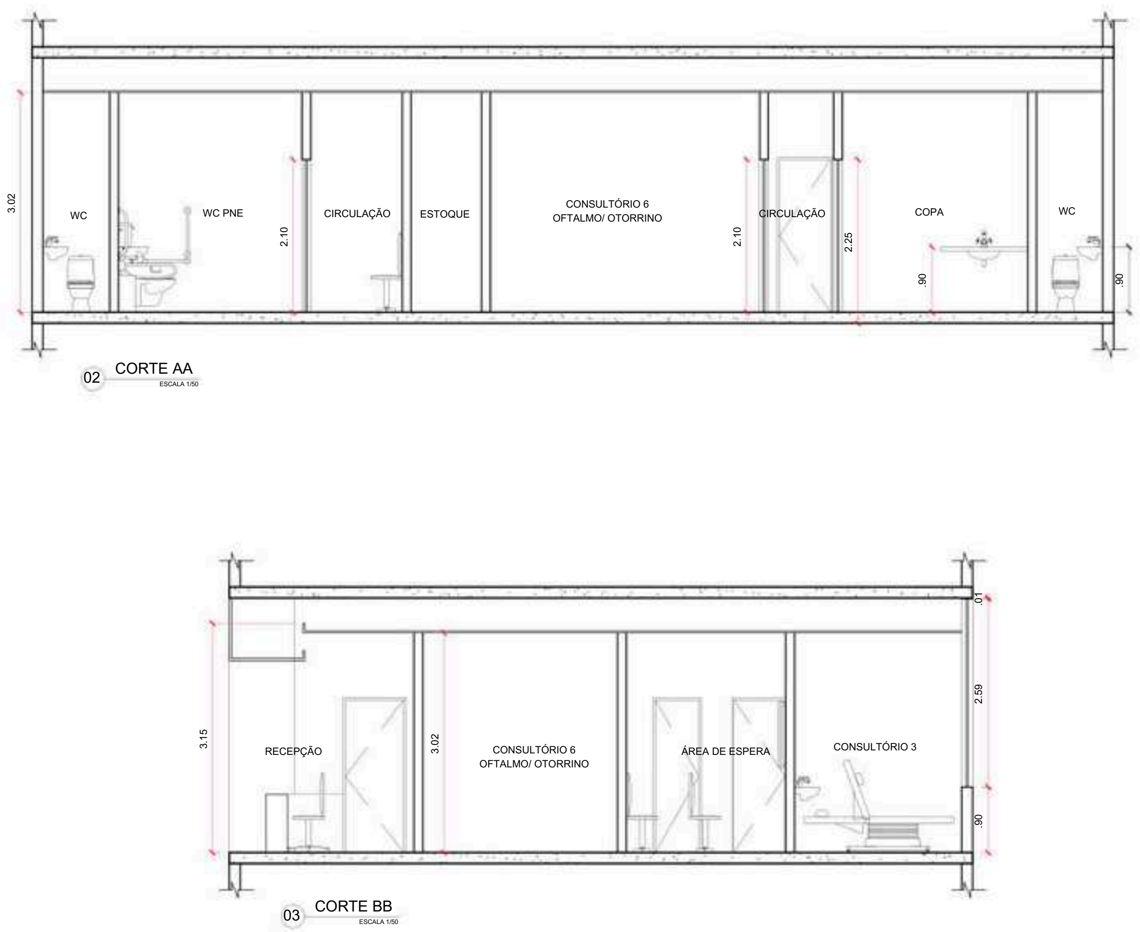
revisão:	data:	descrição:
revisão:	data:	descrição:
revisão:	data:	descrição:
revisão:	data:	descrição:

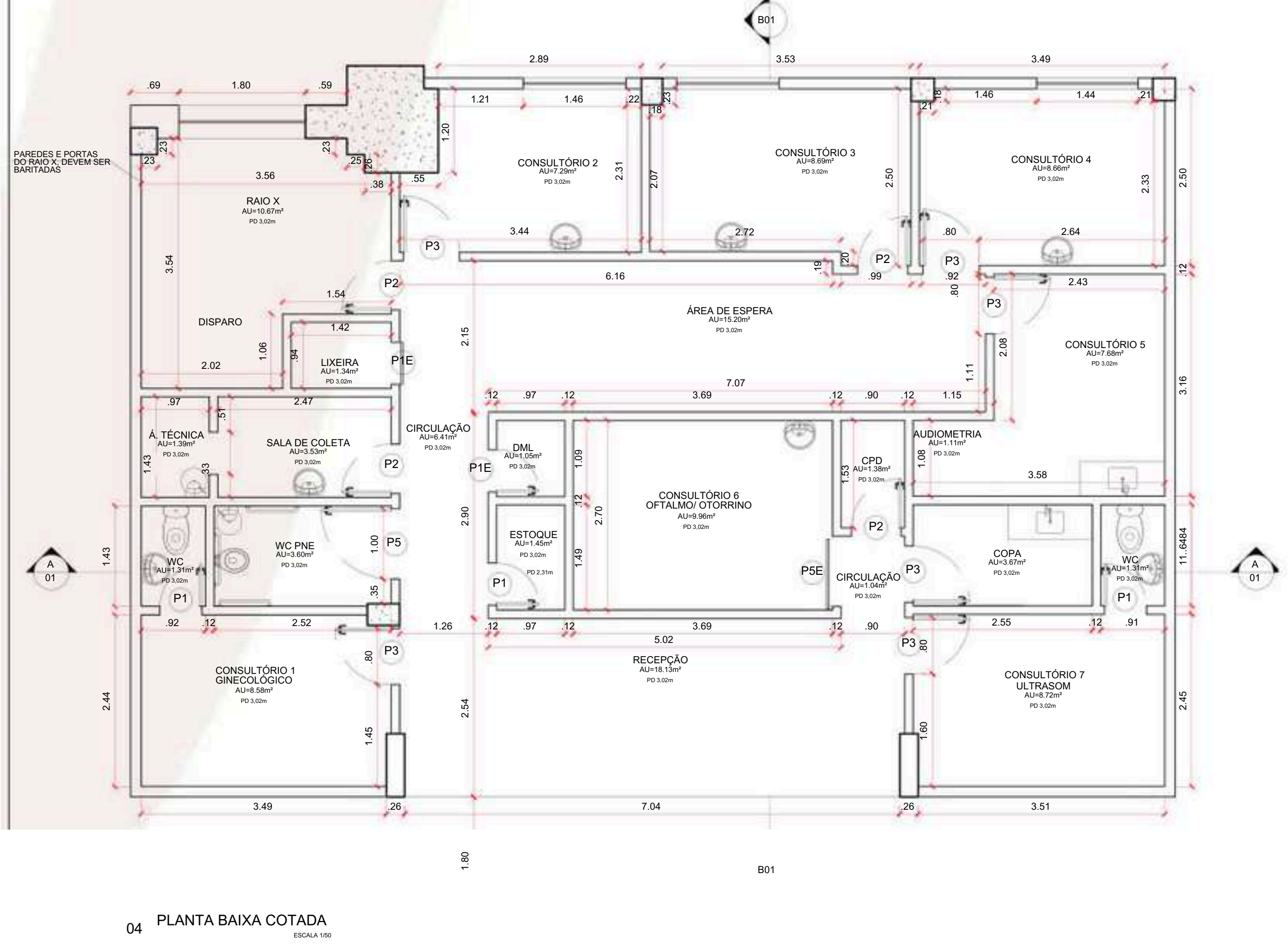
dados escritório projeto		dados lojista
nome escritório: CENTRO MÉDICO PASTORE		Pastore Centro Médico
responsável: ARQUITETA RENATA GUIMARÃES		nome: GUILHERME ARANHA REIS PORTELA RIBEIRO
CAU/BR: A103811-4		e-mail: aranha@centromedicopastore.com.br
e-mail: renataguimaraes@centromedicopastore.com.br		telefone: (21) 98103-8658
telefone: (21)995451429		

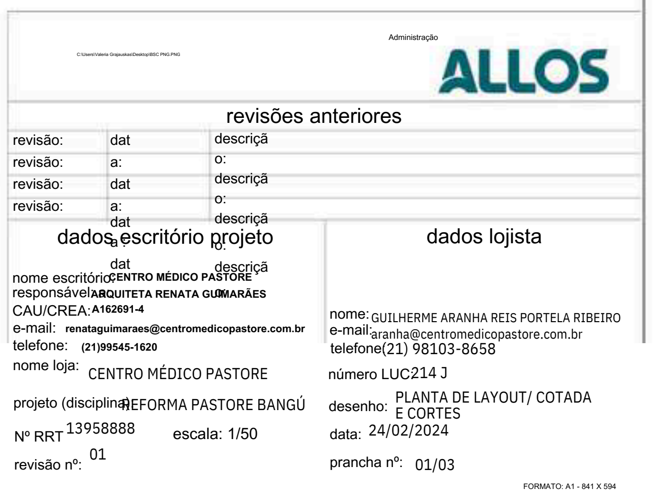
nome loja:	CENTRO MÉDICO PASTORE	número LUC:	215 / e 216 A
projeto / disciplina:	REFORMA PASTORE BANGU	desenho:	PROJETO PARA CONFECÇÃO DE LETREIRO EM PVC
Nº RRT	13953888	escala: INDICADA	data: 18/03/2024
revisão nº:	03		prancha nº: 01/01

D Project Central Medical Pastore - 2024









Drawings Index – Layout and Technical Sections

1. Floor Plan – Layout

General layout indicating spatial organization of consultation rooms, diagnostic areas, reception, circulation, and support spaces.

2- Floor Plan – Dimensioned

Fully dimensioned plan specifying wall lengths, door openings, furniture positioning, and circulation clearances.

3- Section AA

1. Longitudinal section showing interior heights and spatial transitions across service areas.

4- Section BB

1. Cross-section highlighting functional divisions and ceiling heights in consultation and examination rooms.

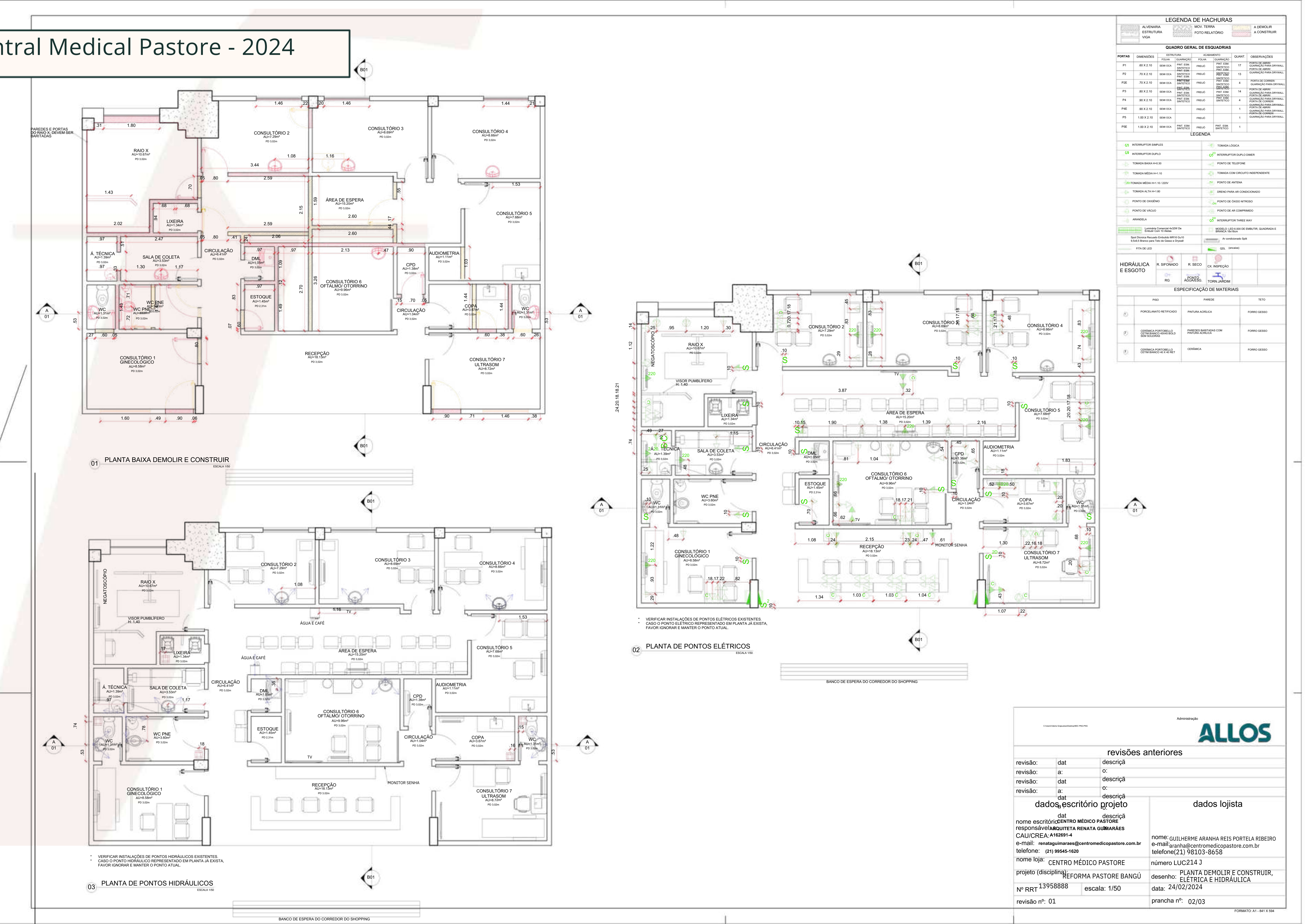
D Project Central Medical Pastore - 2024

Drawings Index – Construction and Systems Plans

1. Demolition and Construction Plan
Identifies all elements to be demolished or built, including walls, partitions, and openings, with construction annotations.

2- Hydraulic Points Plan
1. Location of plumbing fixtures, water supply, drainage, and technical shafts for healthcare and service areas.

3- Electrical Points Plan
Layout of lighting fixtures, switches, power outlets, and equipment connections throughout the clinic.



D Project Central Medical Pastore - 2024

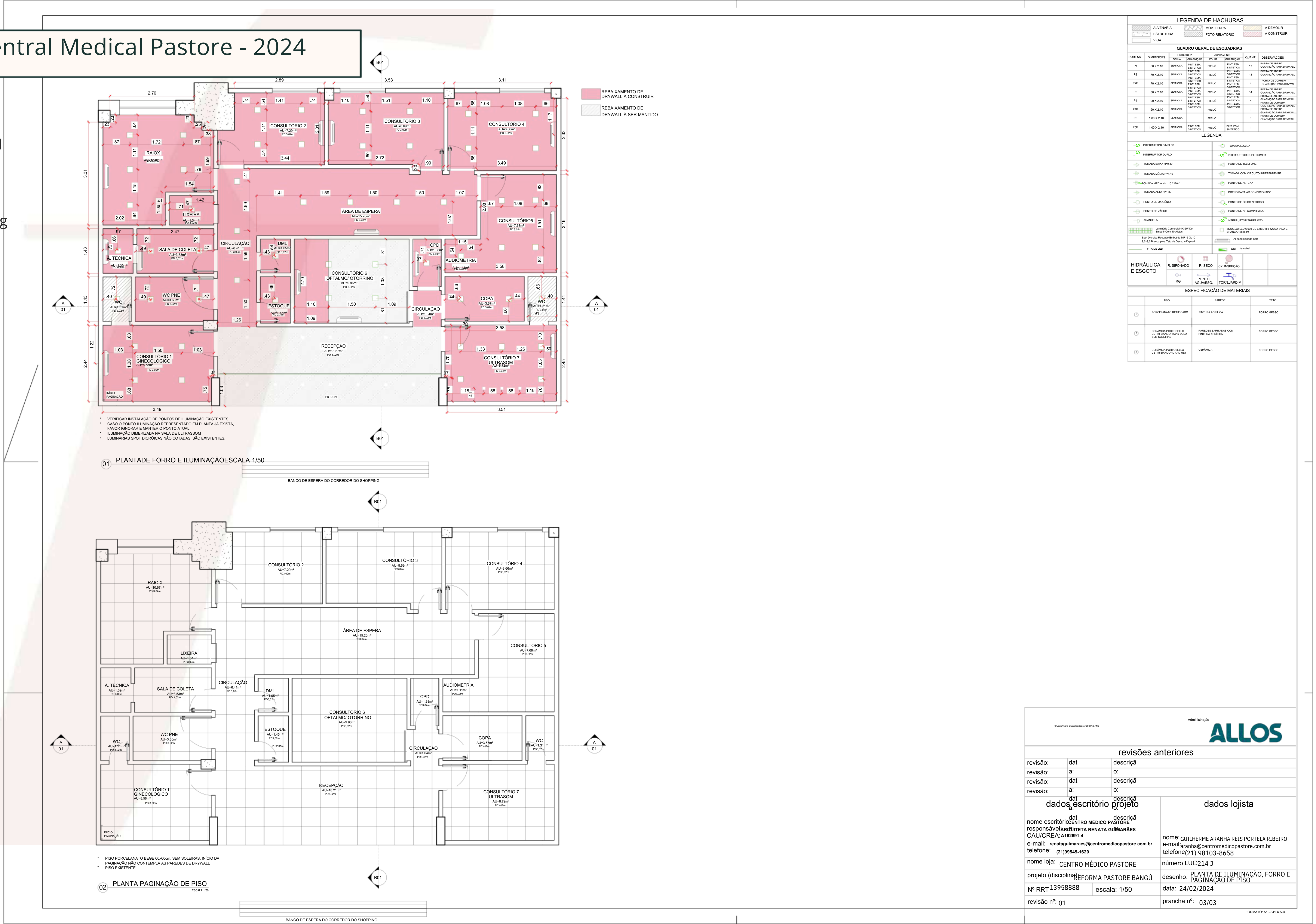
Drawings Index – Ceiling, Lighting, and Flooring Plans

1. Ceiling and Lighting Plan

Identifies types of ceiling panels, lighting fixtures, and their distribution across all clinic areas. Includes reference tags and specifications for recessed and surface-mounted lighting.

2- Floor Finishes Plan

Details floor finishing materials and their layout throughout the clinic, indicating different textures and materials per room type.



Project: R2S Med – Corporate Office Interior & Systems Design

Type of Project: Corporate Architecture – Interior Renovation
Location: Taquara, Rio de Janeiro – Brazil
Software: Revit, Lumion.
Project Description:
Complete interior renovation and technical detailing for the upper floor of a pharmaceutical sales company. The project included the layout reorganization and integration of executive offices, sales and logistics rooms, pharmaceutical control, support areas, and shared facilities.
Plans covered lighting, hydraulic systems, and interior circulation, balancing functionality, privacy, and efficient space use within the corporate context.
Key Features:

- Executive and pharmaceutical rooms
- Sales and logistics coordination space
- Lighting plan with LED profile and spotlights
- Hydraulic design including multiple restrooms and pantry
- Circulation and decompression areas to support employee well-being

Team: Independent project by Renata Guimarães
Country: Brazil

Main cutting area with custom retro-style barber chairs, ambient lighting, and exposed brick walls — combining functionality with strong brand identity.

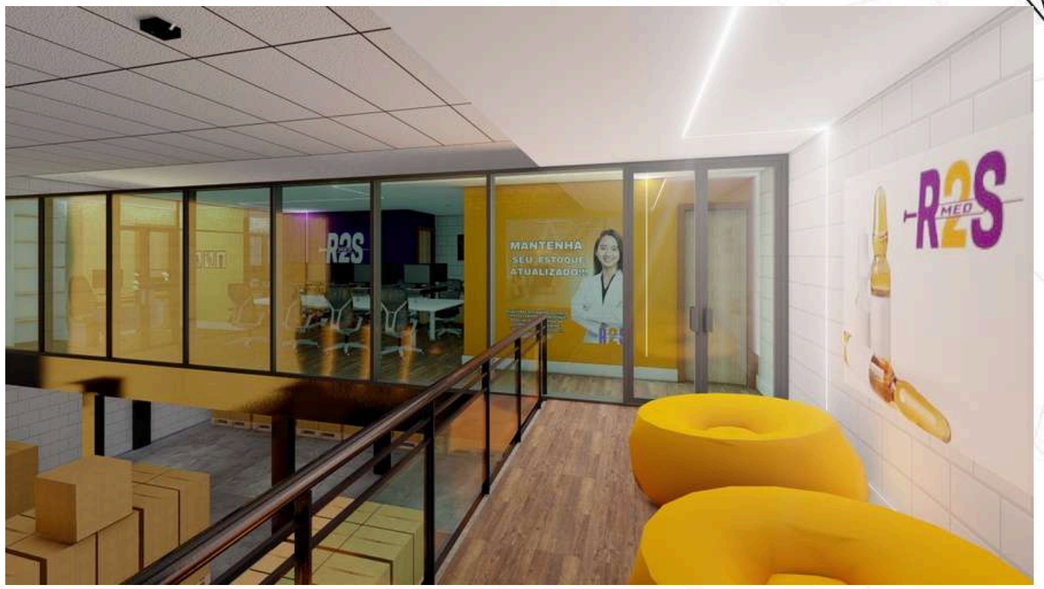
E Project R2S Med -2025

Renderings – R2S Med Corporate Office
Rendered in Lumion

The images present the newly designed upper-floor corporate office of a pharmaceutical sales company. The layout integrates a mezzanine-level workspace overlooking the storage area, maximizing the use of vertical space while separating operational and administrative functions.

The interior design combines clean industrial finishes with vibrant branding elements, such as colored feature walls and signage. The open-plan office fosters collaboration, while private offices and support rooms ensure functionality.

Comfortable seating in the circulation area offers employees a decompression zone, contributing to a healthy and dynamic work environment. Lighting solutions include embedded LED profiles and directional spotlights to enhance productivity and visual comfort throughout the space.



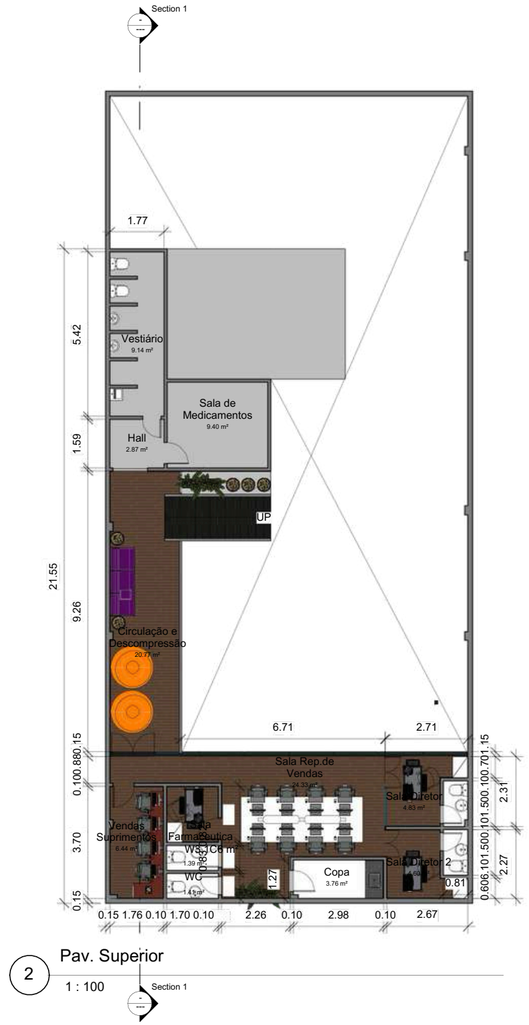
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc vel pulvinar sem.

Renderings – R2S Med Corporate Office
3D visualization and rendering developed by the architect using Lumion.

E Project R2S Med -2025

1. Humanized Floor Plan

This axonometric plan illustrates the spatial layout and furniture arrangement of the R2S Med corporate office. It highlights the relationship between functional areas, circulation, and the mezzanine level, offering a clear understanding of space use and interior design intent.

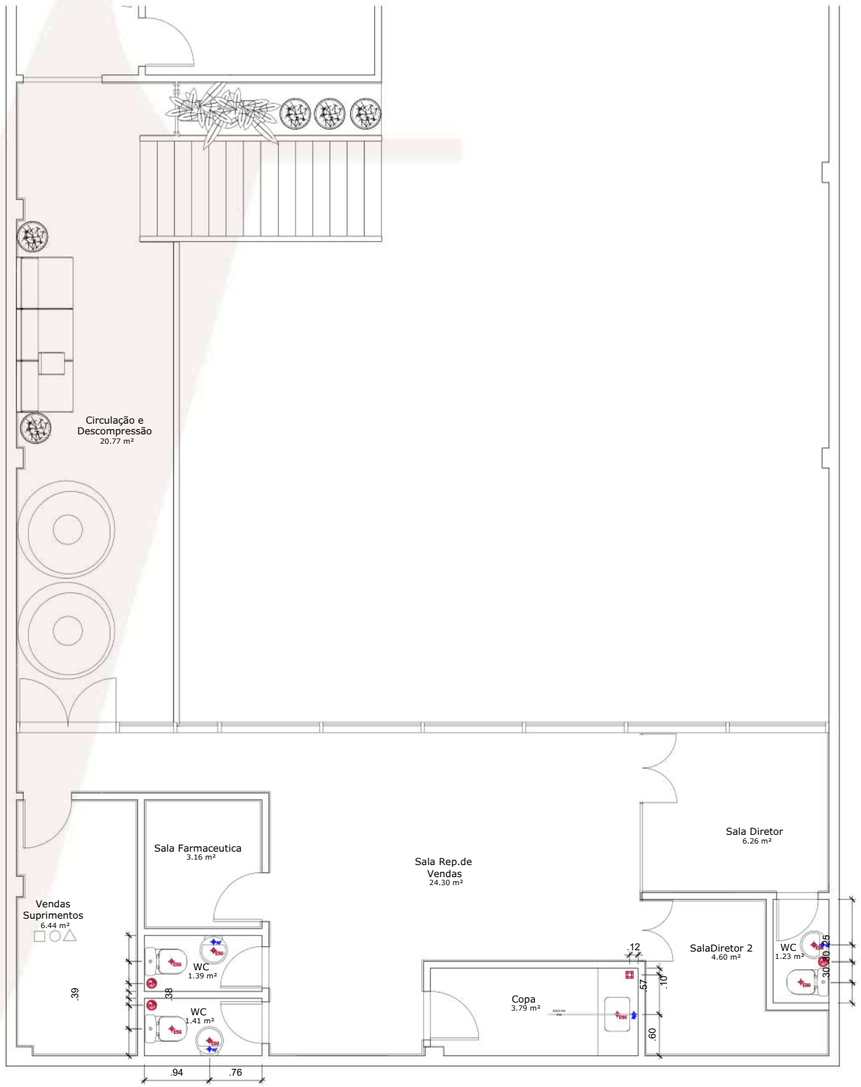


	CLIENTE: R2S Med	CPF:	RG:
	ENDEREÇO DO PROJETO:ESTRADA DO GUERENGUÊ Nº 630		BAIRRO: TAQUARA- RJ
	PROJETISTA: ARQUITETA E URBANISTA: RENATA DA SILVA FERNANDES GUIMARÃES		CAU: A162691-4
	ASSINATURA DO RESPONSÁVEL TÉCNICO		
	ESCALA :1/100	DESCRIÇÃO DO PROJETO: O PROJETO DE REFORMA	PRANCHA:
	DATA: 03/04/2025		

E Project R2S Med -2025

Hydraulic Points Plan

The plumbing layout indicates all cold water, drainage, and sanitary fixtures within the mezzanine floor. Key areas such as restrooms, pantry, and pharmaceutical room are clearly marked, ensuring compliance with technical and health standards.



01 HIDRAULICA MEZANINO

LEGENDA DE INSTALAÇÕES

INSTALAÇÕES						
	PONTOS DE LUZ	NO TETO	ARANDELA	PONTO PARA ILUMINAÇÃO (+/- INDICADA NO PROJETO)		
	TOMADAS, ESPECIAIS E OUTROS	BAIXA	MÉDIA	ALTA	INT. SIMPLES	THREE-WAY
		ANT.TV BAIXA	ANT.TV MÉDIA	P. TELEFONE	TOMADA PISO	INTERFONE
		CAMPAINHA	CIGARRA	QDL (encaixe)	PONTO GÁS	
	HIDRÁULICA E ESGOTO	R. SIFONADO	R. SECO	CX. INSPEÇÃO	R. LINEAR	
		RG	PONTO ÁGUA FRIA	ESGOTO		

	CLIENTE: R2S Med	CPF:	RG:
	ENDEREÇO DO PROJETO: ESTRADA DO GUERENGUÊ	Nº 630	BAIRRO: TAQUARA- RJ
	PROJETISTA: ARQUITETA E URBANISTA: RENATA DA SILVA FERNANDES GUIMARÃES		CAU: A162691-4
	ASSINATURA DO RESPONSÁVEL TÉCNICO		
	ESCALA : 1 : 50	DESCRIÇÃO DO PROJETO: O PROJETO DE REFORMA	PRANCHA:
	DATA:		

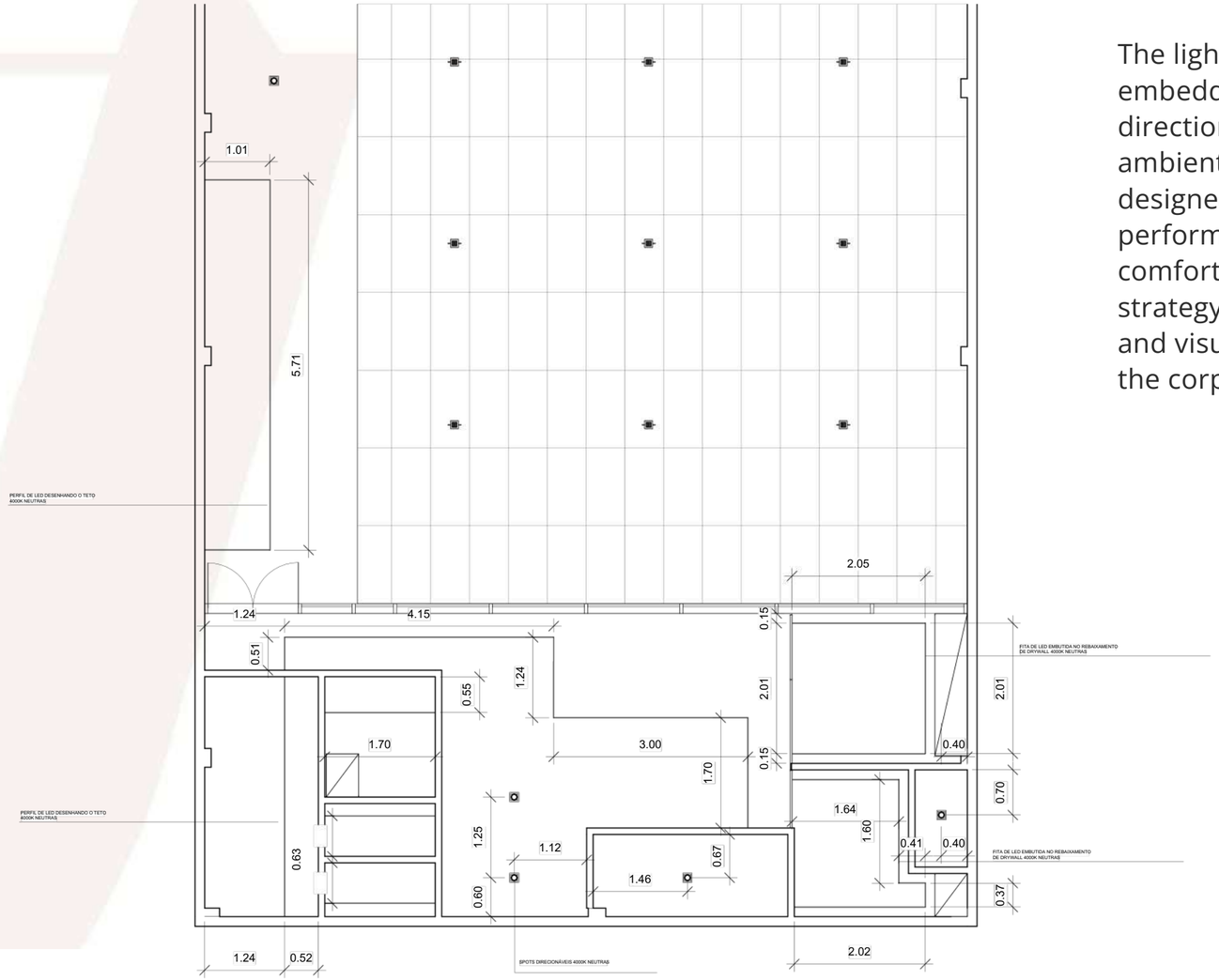
FORMATO: A2 – 594 x 420

Ambiente	Tipo de Iluminação	Temperatura de Cor	Dicas Técnicas
Sala de Trabalho (Computadores)	Direta difusa com perfil de LED + spots direcionáveis	4000K (neutra)	Evitar reflexos nas telas e manter UGR baixo
Depósito / Estoque	Direta contínua com perfil de LED de alto fluxo	6000K (fria)	Distribuição homogênea e sem sombras entre prateleiras
Copa / Área de Descompressão	Indireta com fita de LED em sancas ou mobiliário	4000K (neutra)	Criar clima de relaxamento sem perder visibilidade
Recepção / Corredores	Indireta linear com destaque pontual por spots	4000K a 3000K (pontual)	Realçar logotipos e elementos gráficos com spots
	Linear indireta + arandelas ou perfil embutido em parede	4000K (neutra)	Acompanhar o fluxo de circulação com luz de orientação
	Perfil de LED embutido com opção de dimerização	4000K (neutra)	Possibilidade de ajustar intensidade conforme uso

E Project R2S Med -2025

Lighting Plan

The lighting layout includes embedded LED strips, directional spotlights, and ambient lighting solutions designed to enhance work performance and spatial comfort. The lighting strategy reinforces zoning and visual hierarchy within the corporate environment.



1 ILUMINAÇÃO MEZANINO
1 : 50

	CLIENTE: R2S Med	CPF:	RG:
	ENDEREÇO DO PROJETO:ESTRADA DO GUERENGUÊ	Nº 630	BAIRRO: TAQUARA- RJ
	PROJETISTA: ARQUITETA E URBANISTA: RENATA DA SILVA FERNANDES GUIMARÃES		CAU: A162691-4
	ASSINATURA DO RESPONSÁVEL TÉCNICO		
	ESCALA : 1 : 50	DESCRIÇÃO DO PROJETO: O PROJETO DE REFORMA	PRANCHA:
	DATA:		

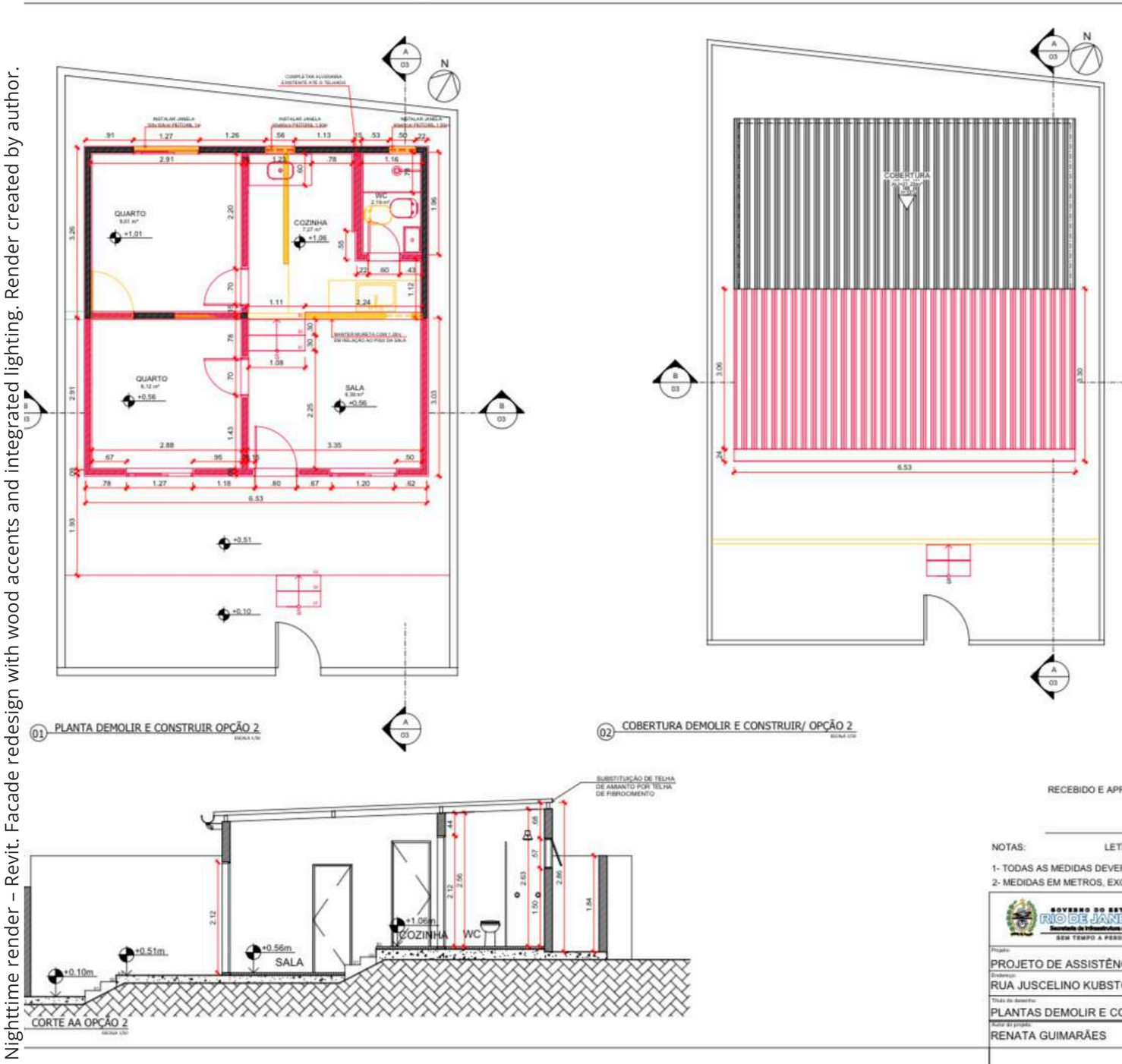
Project: Na Régua – Affordable Housing Technical Assistance

Type of Project: Architectural Technical Assistance (ATHIS) – Project Design and Material Report
Location: Vila Kennedy, Rio de Janeiro – Brazil
Software: AutoCAD

Na Régua is a state-run program that offers free architectural and engineering support to low-income families living in vulnerable housing conditions. The goal is to promote access to safe and adequate housing through technical assistance, not construction execution.

As part of the technical team, I developed over 170 architectural projects for individual households, including floor plans, construction guidelines, and detailed material reports. Each project addressed urgent spatial and sanitary issues such as the lack of bathrooms, accessibility barriers, or deteriorated structures, always aligned with the principles of affordability and human dignity.

Team: Technical assistance by Renata Guimarães (architect)
Client: Government of the State of Rio de Janeiro
Country: Brazil



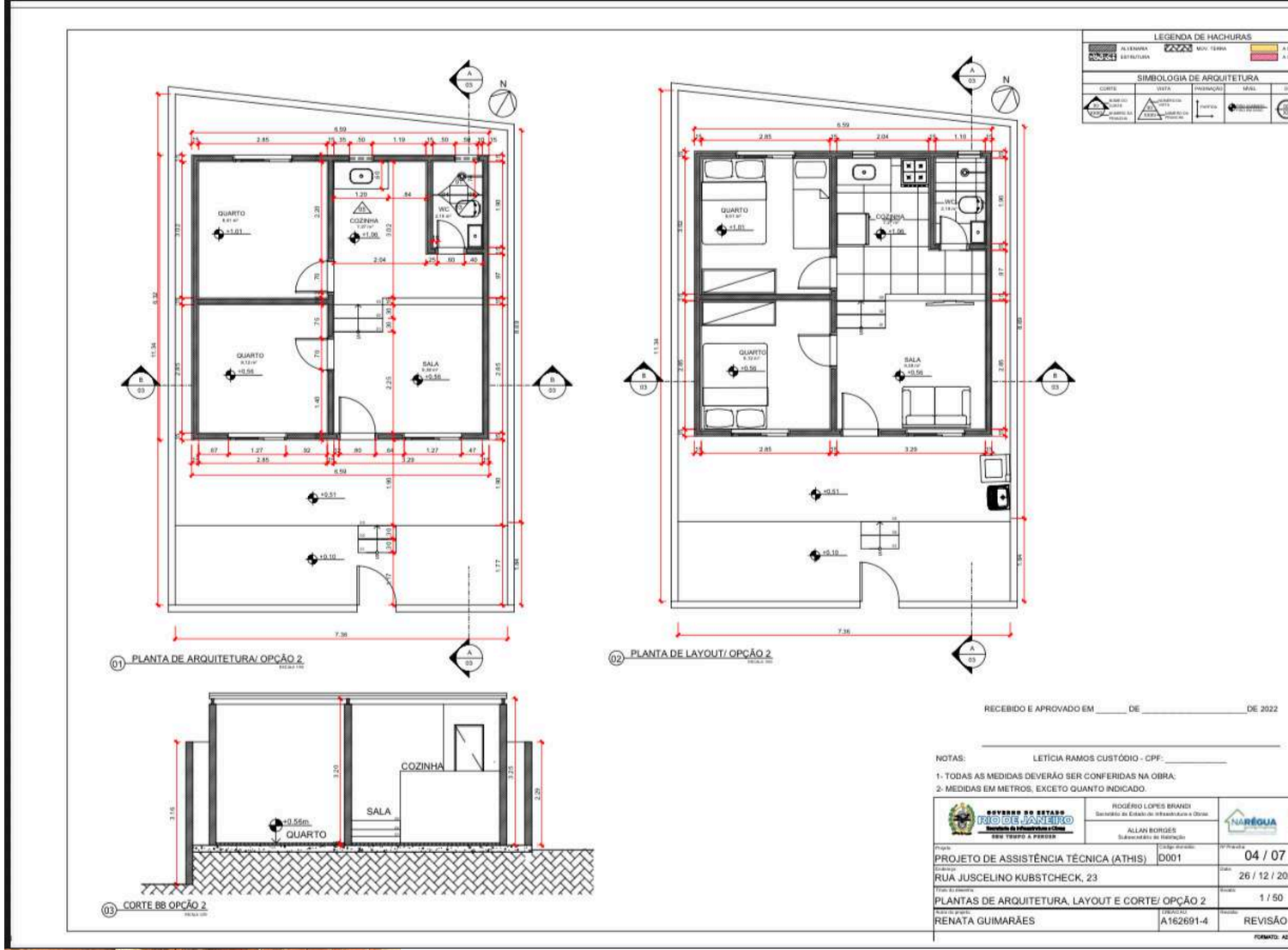
Nighttime render – Revit. Facade redesign with wood accents and integrated lighting. Render created by author.

F Project: Na Régua – Affordable Housing – 2022

Case Study – Letícia's Residence (D001)

Program: Na Régua – Technical Assistance for Affordable Housing
Location: Vila Kennedy, Rio de Janeiro – Brazil
Software: AutoCAD

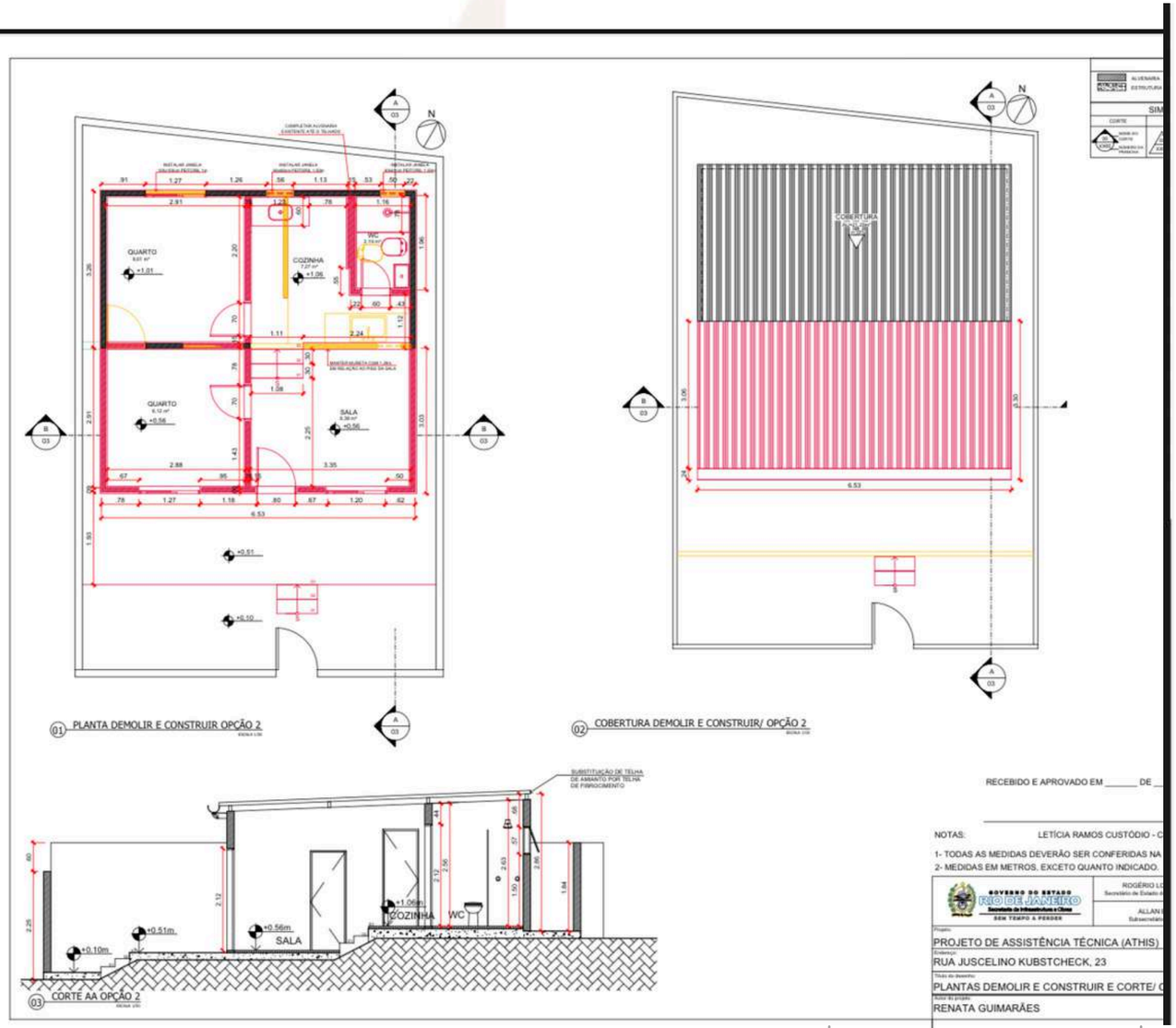
Letícia, a 21-year-old single mother, lived with her young son and parents in a single-room house with no functional bathroom. The sink was shared between the kitchen and the toilet area, and there was no shower—only a leaking pipe. All residents slept in the same room, and the home had no flooring or wall finishes, with exposed sewage and serious safety concerns.
As part of the Na Régua program, I developed two technical design options to reorganize the internal layout, create a separate bathroom, and propose new bedrooms and safer circulation. The focus was on improving health, privacy, and dignity through low-cost architectural strategies, with a detailed material report to guide potential implementation.
This project is one of over 170 homes I supported through individual technical assistance under the program.
Role: Technical support and architectural design – Renata Guimarães
Client: State Government of Rio de Janeiro
Year: 2022

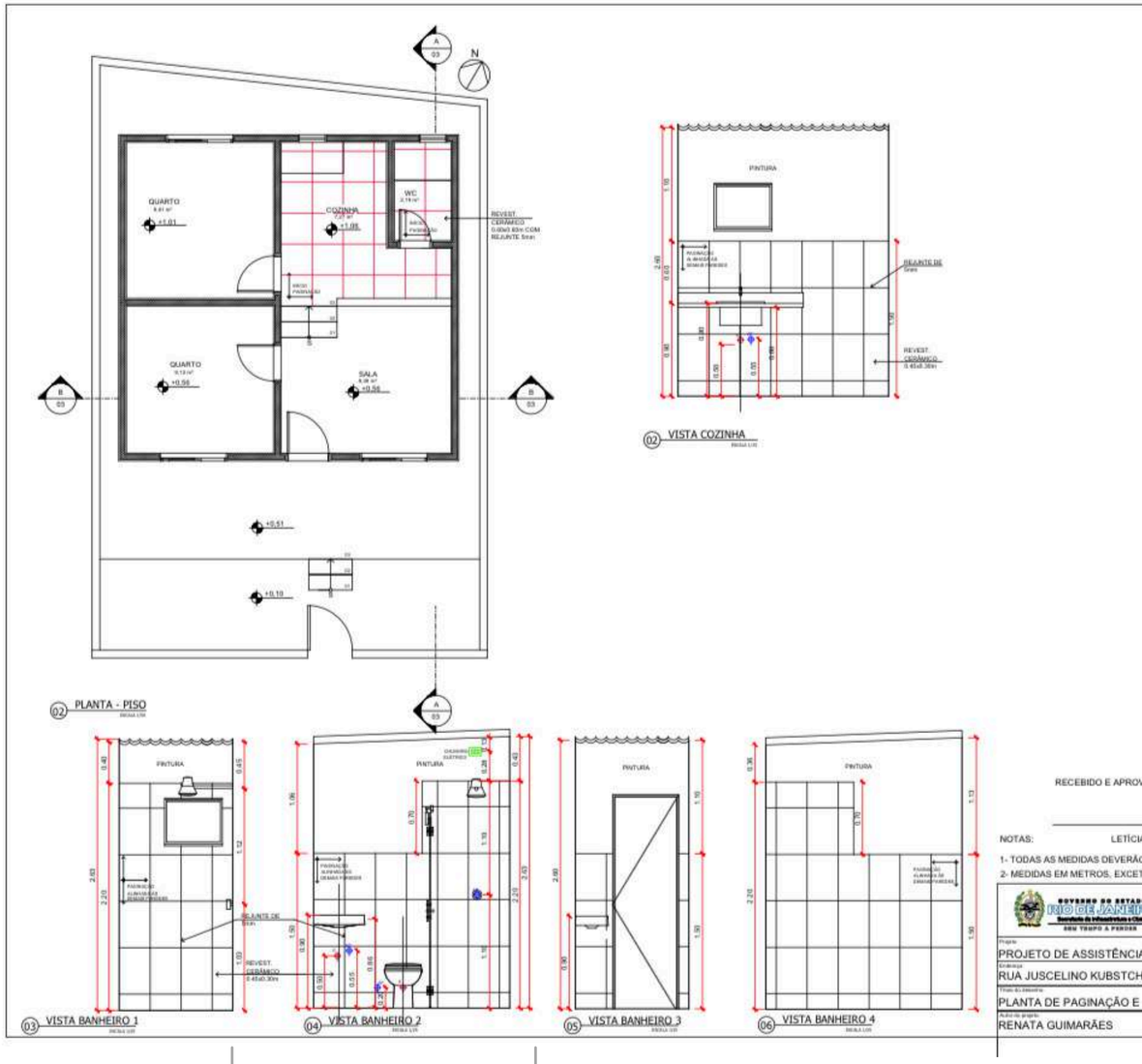


Letícia, 21, sits beside the social worker from the Na Régua technical team during the household visit. The meeting aimed to understand the family's living conditions and develop an architectural proposal tailored to their needs.

F | Project: Na Régua – Affordable Housing – 2022

Architectural Drawings – Letícia's Residence (Option 2)
Project: Na Régua – Technical Assistance for Affordable Housing – 2022





1. Demolition and Construction Plan
Floor plan indicating structural changes required for spatial reconfiguration, including the new bathroom area and improved circulation.

2. Roof Plan
Design of the roof coverage for the new layout, considering slope and drainage adaptation.

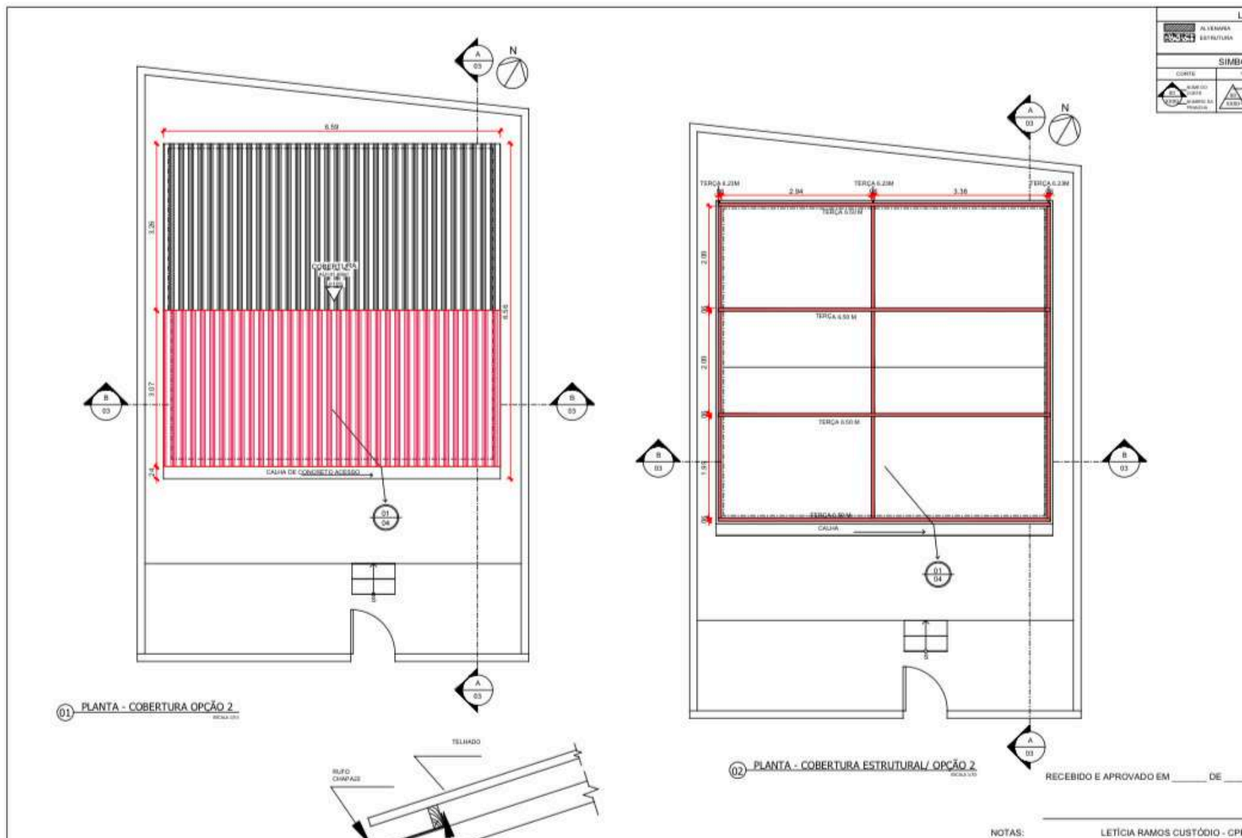
3. Section A-A
Vertical cut showing spatial relationships between rooms, ceiling height, and access adaptations.

4. Plumbing Layout
Placement of water points for the kitchen and bathroom, ensuring safe sanitation and usability.

5. Lighting Layout
Lighting scheme proposed for the new internal layout, improving visibility and security.

F Project: Na Régua – Affordable Housing – 2022

Architectural Drawings – Letícia's Residence (Option 2)
Project: Na Régua – Technical Assistance for Affordable Housing – 2022



1. Electrical Plan – Lighting and Outlet Points
Diagram of the proposed electrical layout, including light fixtures and power outlets for the new floor plan.

2. Plumbing Plan – Water and Drainage Points
Detailed placement of water supply and drainage points for kitchen and bathroom fixtures.

3. Roof Coverage Plan – Extension Area
Top view of the expanded roof coverage, illustrating structural alignment and area gain.

4. Roof Structure Layout
Scheme of the timber or metal truss system, supporting the proposed roofing solution.

5. Roof Gutter Detail
Technical section showing the integration of the gutter to ensure efficient rainwater drainage.

F Project: Na Régua – Affordable Housing – 2022

Site Conditions – Letícia's Home

Documentation and Field Insights

1. Shared sink between kitchen and bathroom, no separation or privacy.

2. Improvised kitchen setup with unfinished walls and no ventilation.

3. Precarious structure with exposed sewage and electrical hazards.

4. Front yard with open sewage and accumulated waste.

Honorable Mention
Rio State Government

"I'm honored to have been part of Na Régua — a program that brings meaningful improvements to vulnerable communities. Through free technical assistance in architecture and engineering, we supported families living in precarious conditions, helping them secure access to safer and more dignified homes. More than just construction documents, the project promoted citizenship, autonomy, and social inclusion through accessible housing solutions."

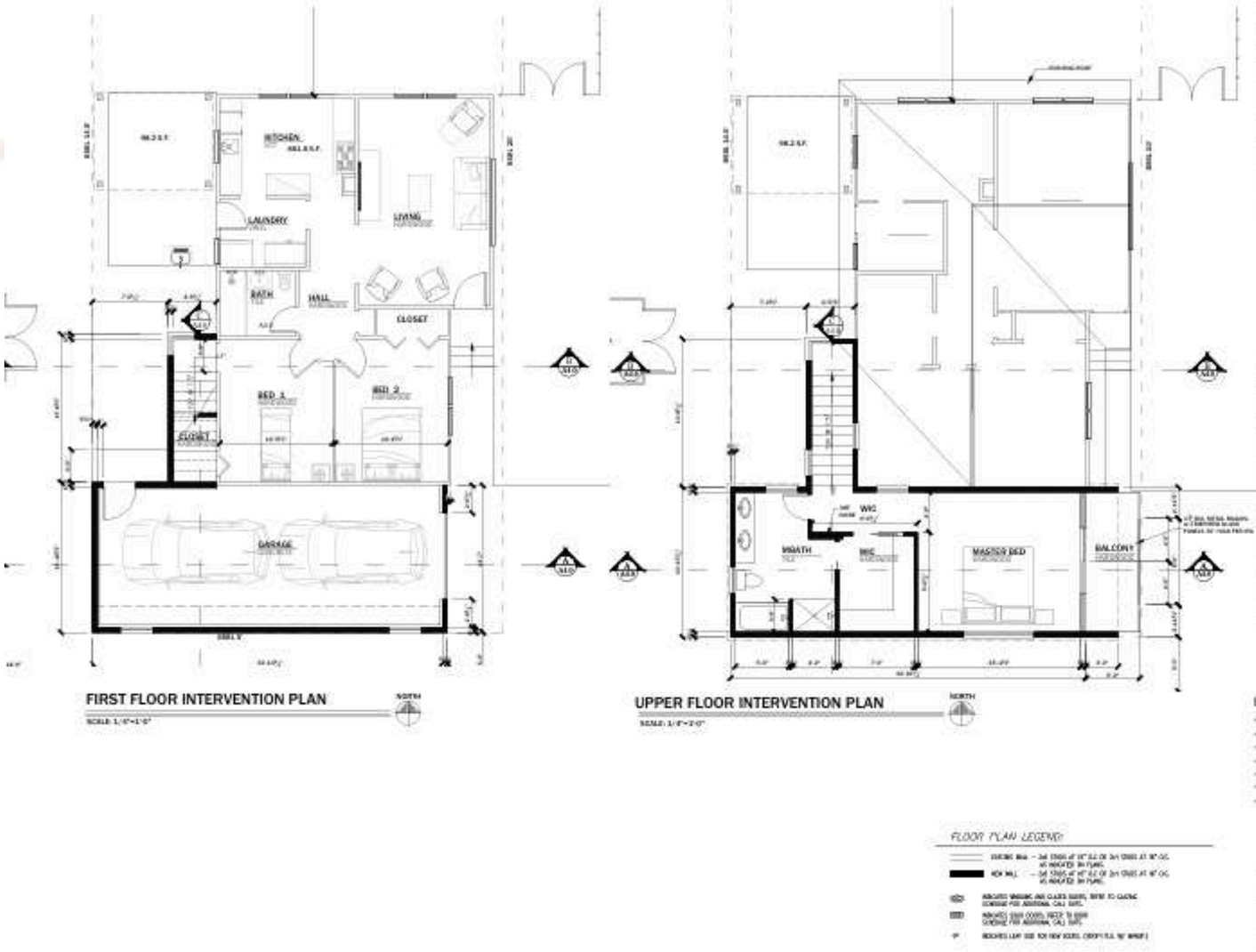
— Renata Guimarães, Architect – Na Régua Program, Vila Kennedy

Na Régua Program – Vila Kennedy
Over 170 architectural projects were developed as part of the State Government's initiative to support vulnerable communities through ATHIS (Technical Assistance for Affordable Housing). Each case was unique, and projects were tailored to the families' needs with low-cost and context-aware architectural strategies.

Krauzer Project – Residential Renovation Seattle, WA – 2024

Project: Krauzer Residence – 2024
Type of Project: Residential Architecture – Upper Floor Addition & Interior Renovation
Location: Seattle, Washington – USA
Software: AutoCAD
Project Description:
This project consisted of the architectural renovation and vertical expansion of a single-family home in Seattle. The main objective was to design a new upper floor to accommodate a complete master suite, including a bedroom, private bathroom, and walk-in closet.
The proposed solution enhanced spatial distribution and privacy while integrating the new structure with the existing ground floor. All layouts were developed in accordance with local building codes, with special attention to structural alignment, zoning limits, and client preferences.
I contributed to the project's early design phase, collaborating with the lead architect in developing layout studies and producing detailed construction drawings.
Key Features:
• Vertical expansion with a full master suite
• Layout redesign to improve circulation and comfort
• Technical drawings for construction and permit submission
• Compliance with Seattle's residential zoning regulations
• Team collaboration in remote setting

Team: Huber Architecture (Seattle, USA) – Design collaboration by Renata Guimarães
Country: USA



Huber Architecture, LLC
75 Vine St., unit 911
Seattle, WA
98121

Ph.
206-841-0791

Krauzer Residence Addition
12541 N Park Ave N Seattle, WA

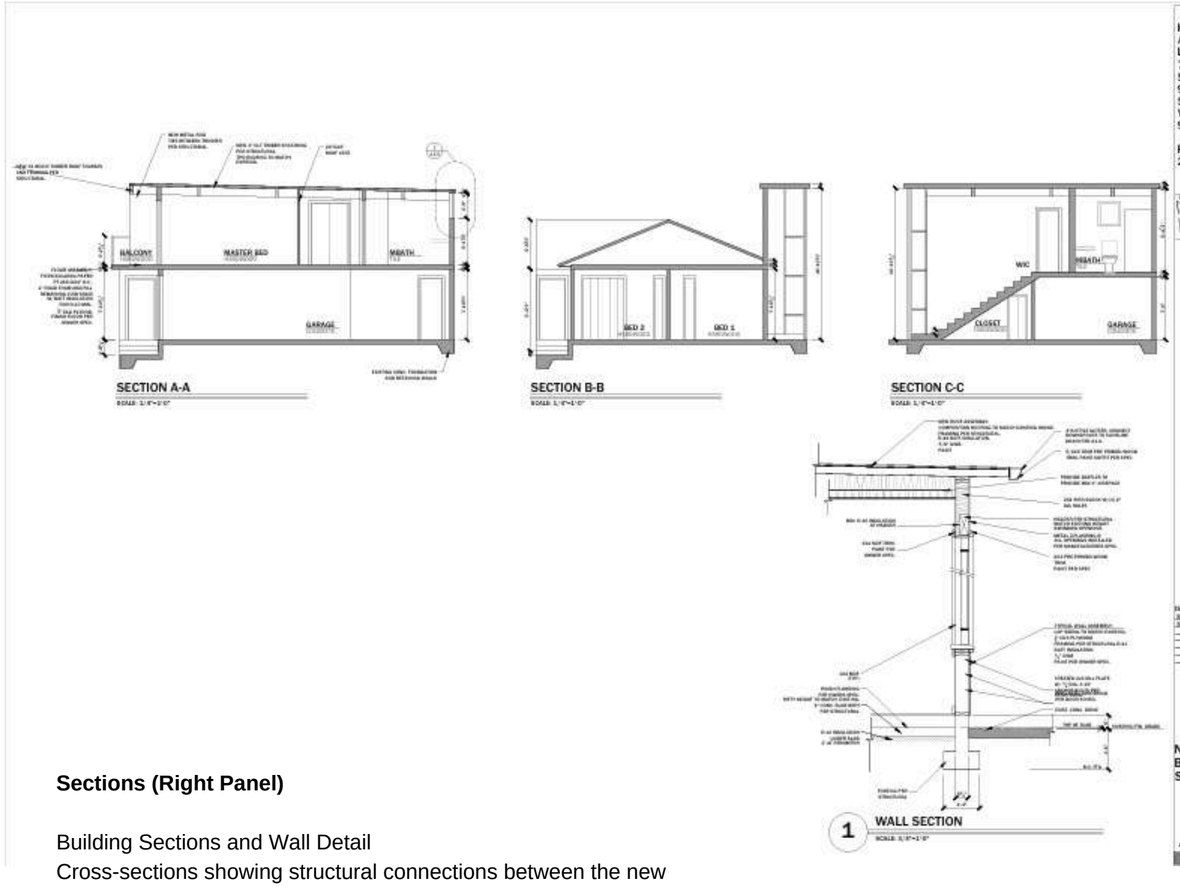
ISSUE:	DATE:
SD	6 - 17 - 24
SD	7 - 24 - 24

NEW FLOOR PLANS

A-2.1

huberarchitecture

G Project: Krauzer Residence – 2024



Elevations

Front, Rear, and Side Elevations – Post-Renovation
Updated façade drawings illustrating the new upper floor addition. Elevations include material references, window/door placement, and roof integration with the existing structure.

Sections (Right Panel)

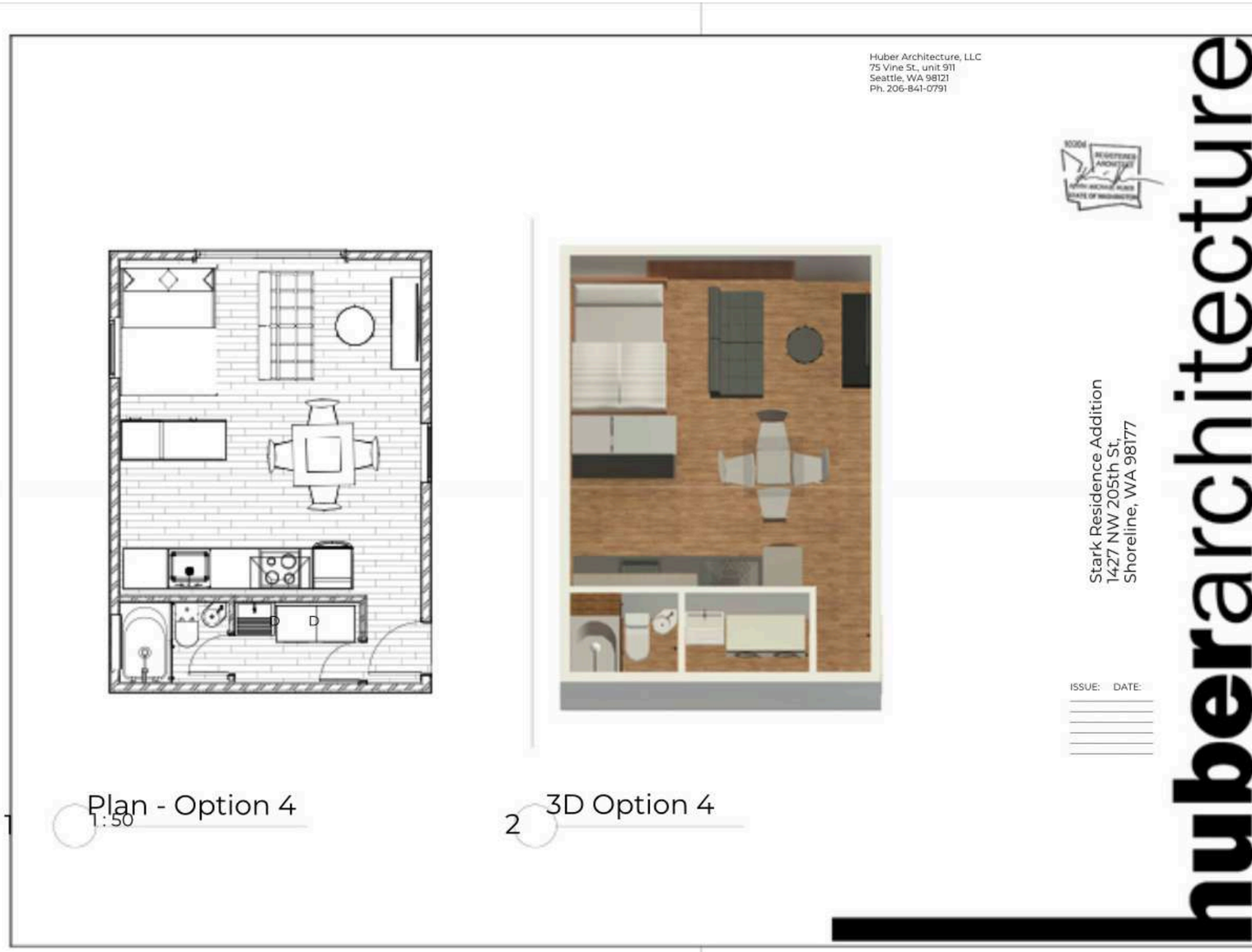
Building Sections and Wall Detail
Cross-sections showing structural connections between the new addition and the existing house. Includes floor-to-ceiling heights, spatial relationships, and construction detailing. Wall section highlights insulation, framing, and waterproofing layers.

Stark Project – Garage-to-Studio Renovation
Seattle, WA – 2024

Type of Project: Residential Architecture – Adaptive Reuse / Interior Design
Software: Revit
Team: Huber Architecture (Seattle, USA) – Design
Collaboration by: Renata Guimarães
Country: USA
Project Description:
The Stark Project focused on converting a former garage into a self-contained studio within a residential property in Seattle. The client aimed to create a compact, functional living space that could serve as a guest suite, rental unit, or personal retreat.
I was responsible for exploring multiple design options and layout configurations, carefully balancing spatial efficiency, privacy, and comfort. The final proposal integrated bedroom, bathroom, and a small living area, maximizing the use of limited space through smart zoning and circulation.
My contributions included:

- Development of layout alternatives
- 3D modeling and visualization in Revit
- Technical drawings for client review
- Interior spatial planning with emphasis on flexibility and livability

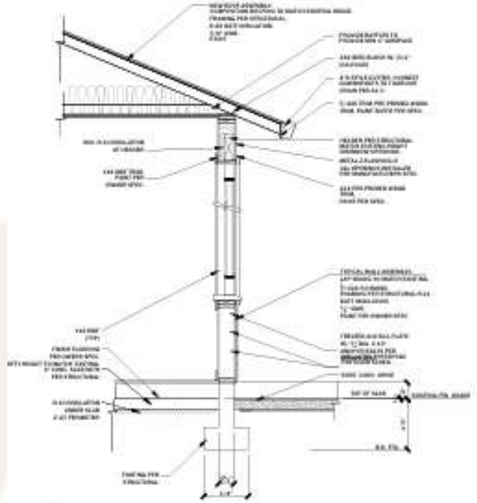
This small-scale renovation demonstrates how adaptive reuse can add value to a property, turning underused space into a livable and modern studio.



H Project: Stark Residence – 2024

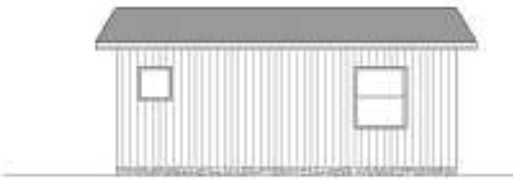
Drawings Index – Stark Studio Conversion

1. Wall Detail
2. Construction detail highlighting insulation, framing, and cladding components.
3. Section A–A
4. Longitudinal cut showing internal height, roof slope, and spatial distribution of the studio.
5. New North Elevation
6. Front view of the original garage façade with modifications for the studio entrance.
7. New East Elevation
8. Side elevation displaying window placement and exterior finish.
9. New South Elevation
10. Rear elevation including potential access or service area.
11. New West Elevation
12. Opposite side view with simplified wall structure and symmetry.

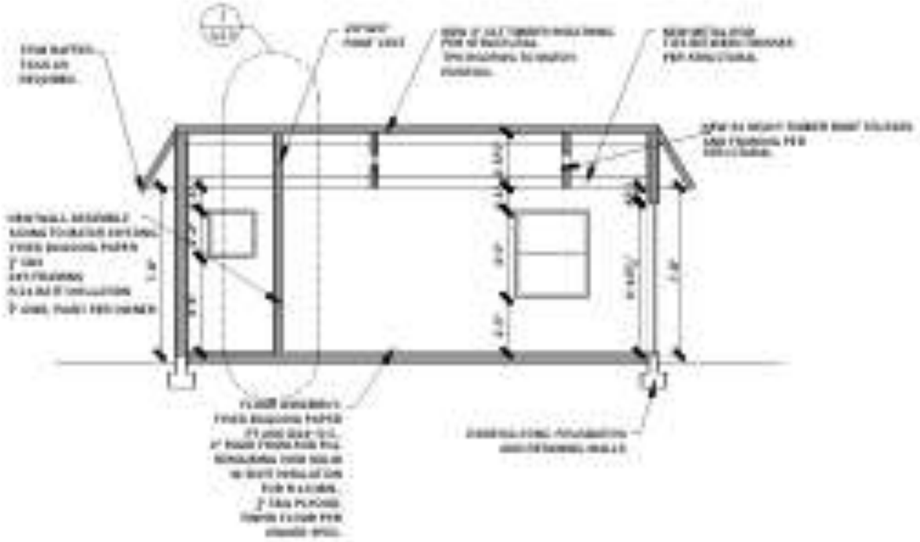


1 WALL SECTION

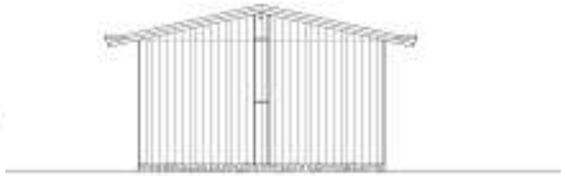
NEW NORTH ELEVATION



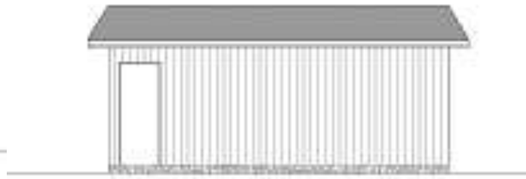
NEW EAST ELEVATION



SECTION A-A



NEW SOUTH ELEVATION



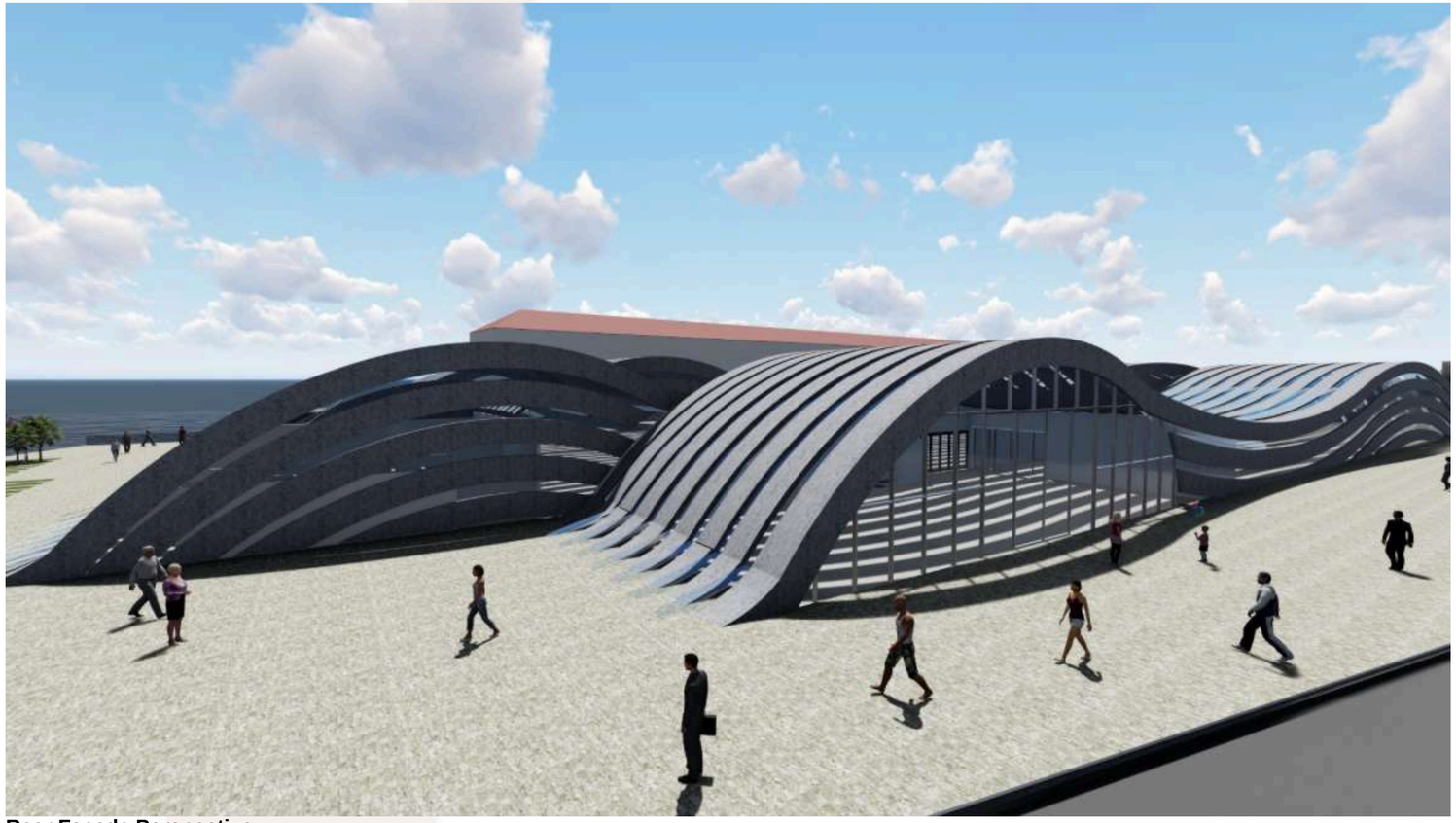
NEW WEST ELEVATION

Aguas da Guanabara Museum- 2017

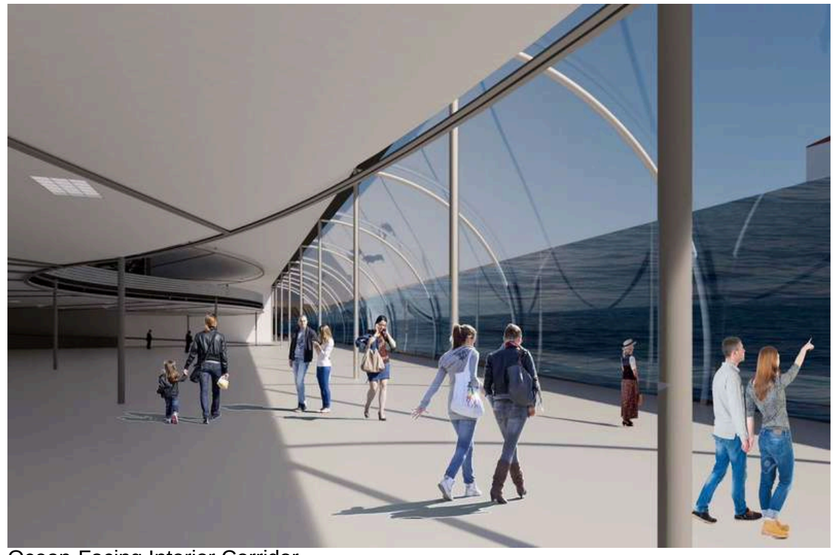
Project: MAG – Museu Águas da Guanabara | Ibero-American Award Nominee

Type of Project: Academic – Conceptual Architecture
Location: Rio de Janeiro, Brazil
Software: Revit, Lumion, Photoshop
Project Description:
The MAG – Guanabara Waters Museum is an academic project developed during the fifth semester of architecture school and later nominated for the Ibero-American Architecture Award in Spain. Entirely modeled in Revit and rendered using Lumion and Photoshop, the project explores the intersection of architecture, landscape, and environmental consciousness.
Located on the edge of Guanabara Bay in Rio de Janeiro, the museum is oriented to frame views of Sugarloaf Mountain and the sea. Inspired by Oscar Niemeyer's iconic curves, the building features a brutalist concrete structure with fluid, wave-like forms that evoke the weight and movement of ocean tides. The horizontal composition blends with the waterfront, creating an immersive experience for visitors.
The program includes a central aquarium, environmental exhibitions, an auditorium, a library, and educational spaces, aiming to raise awareness about pollution and the need for ecological restoration of the bay.
Key Features:
• Organic curved roof evoking sea waves
• Concrete structural design rooted in Brazilian modernism
• Exhibition areas, large aquarium, and cultural spaces
• Strategic orientation for iconic views of Guanabara Bay and Sugarloaf
• Focus on environmental education and awareness
Team: Academic project by Renata Guimarães (individual modeling and graphics)
Country: Brazil

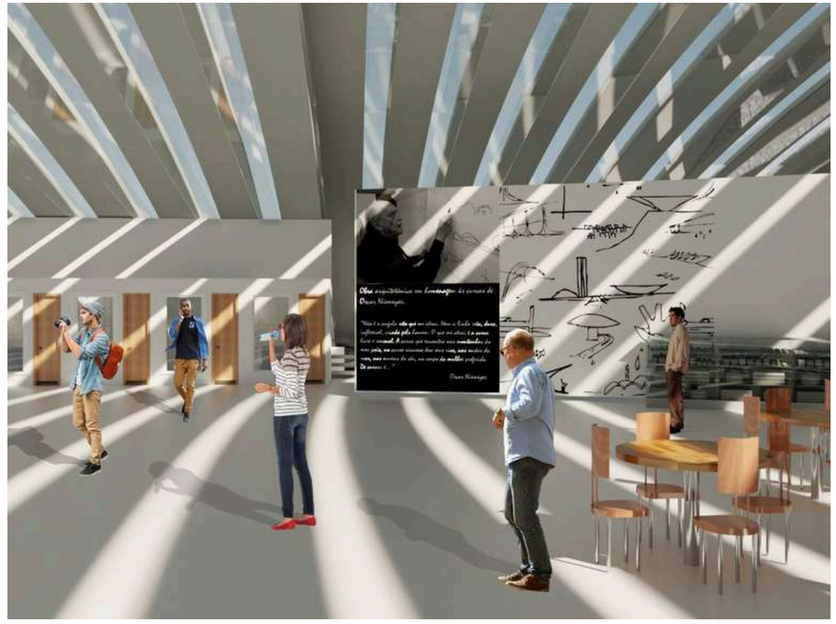
Visual Explorations – MAG Museum



Rear Façade Perspective
Perspective of the back side of the museum, revealing the sculptural concrete waves and skylight integration.



Ocean-Facing Interior Corridor
Interior corridor with large glass panes facing Guanabara Bay, allowing natural light and reflections of the sea.

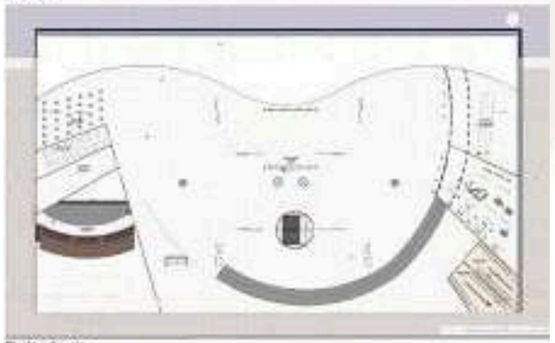


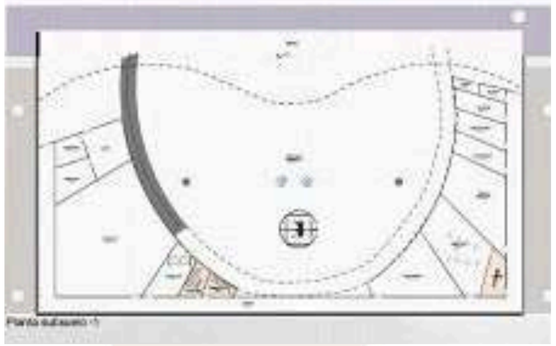
Exhibition Hall – Tribute to Niemeyer
Interior exhibition space under curved skylights, with a commemorative panel showcasing Niemeyer’s sketches and philosophy.

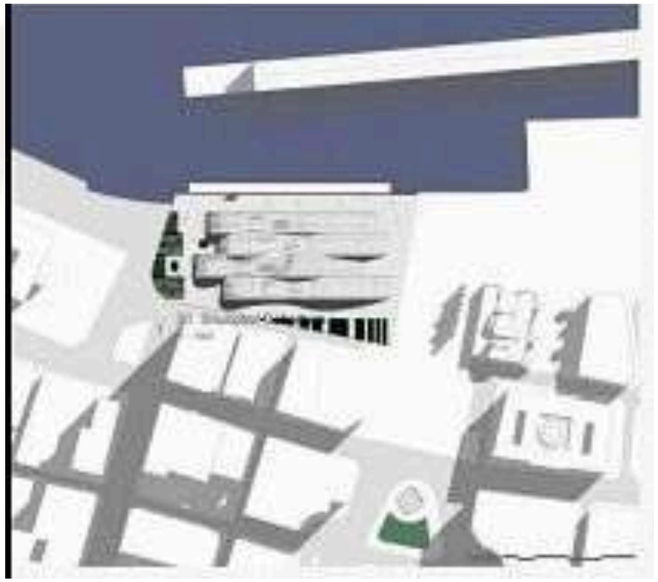
Aguas da Guanabara Museum- 2017

Concept Board & Technical Drawings

Compilation of the conceptual board and technical documentation submitted to the Ibero-American Architecture Award. Drawings and diagrams developed in Revit, with visual renderings finalized in Lumion and Photoshop.







CREA-RJ

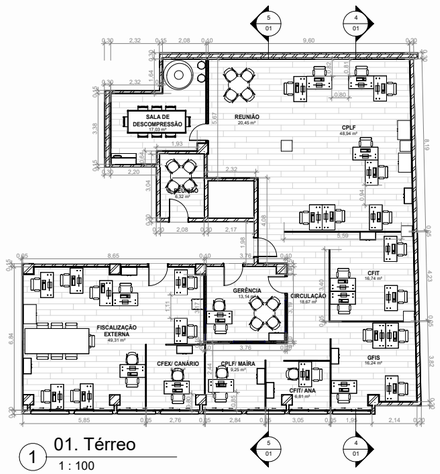
INSPECTION DEPARTMENT RENOVATION

Rio de Janeiro, Brazil | 2026

Role: Architect (via Kingline Engenharia)

Software: Revit

Renovation proposal for the Inspection Department on the 6th floor of CREA-RJ headquarters, focused on reorganizing the workplace around the department's operational needs. The project includes a new functional layout, reconfigured internal partitions, drywall and fixed glass panels, updated electrical points, new finishes and institutional signage.



1 01. Térreo
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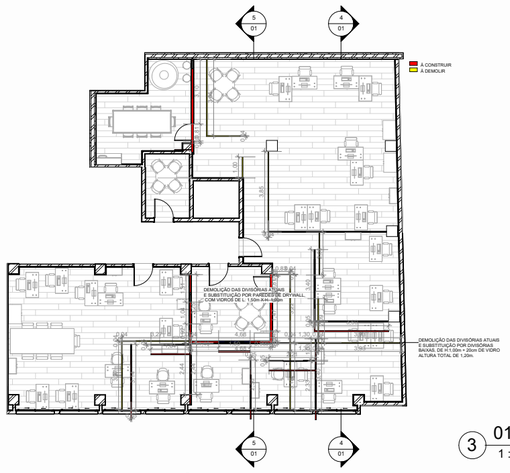

2 01. Térreo Demolir e Construir
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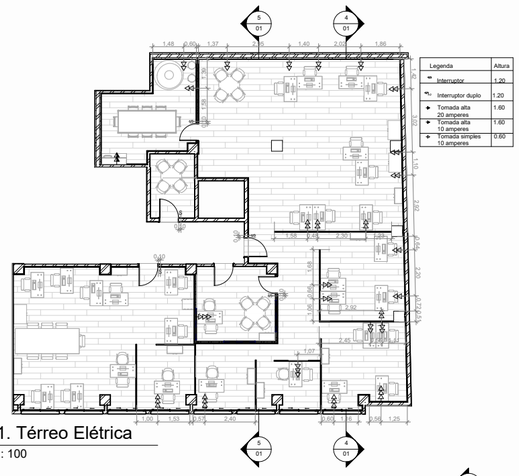

3 01. Térreo Elétrica
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4 CORTE AA
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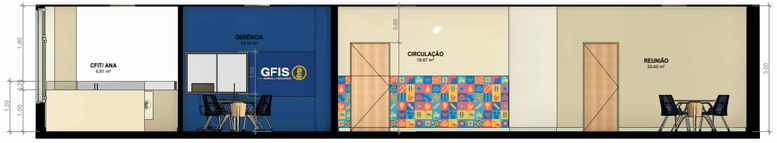

5 CORTE BB
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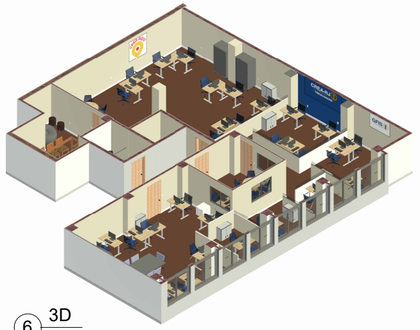
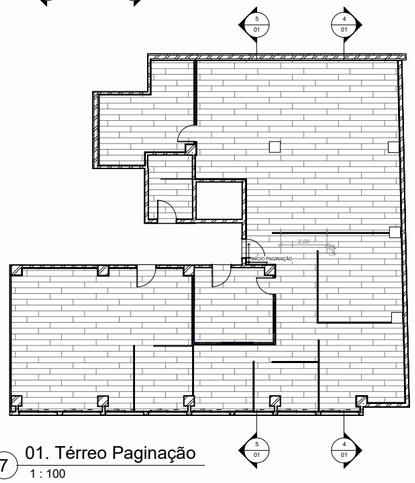
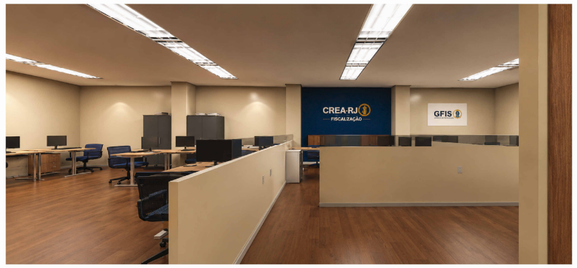


6 3D



7 01. Térreo Paginação
1 : 100



PROJETO - SETOR DE FISCALIZAÇÃO	CREA-RJ	
PROJETO DE REFORMA NO 6º ANDAR - SEDE		01/01
ARQUITETA: Renata G. CAU: A162691-4	10/07/2026	
ENG.: Rodolfo Ribeiro (Matrícula:1.180)	Como indicada	

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