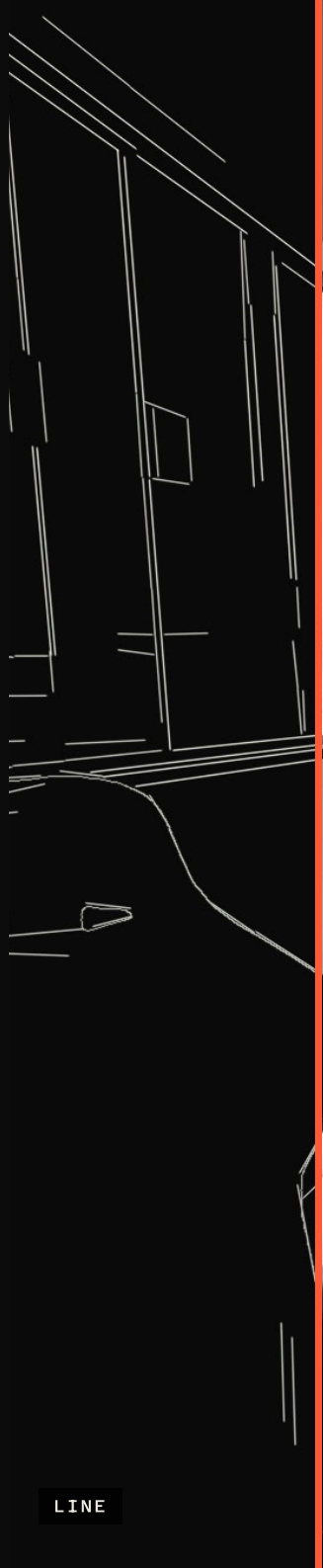
PORTFOLIO · ARCHITECTURE AND URBAN PLANNING · 2026

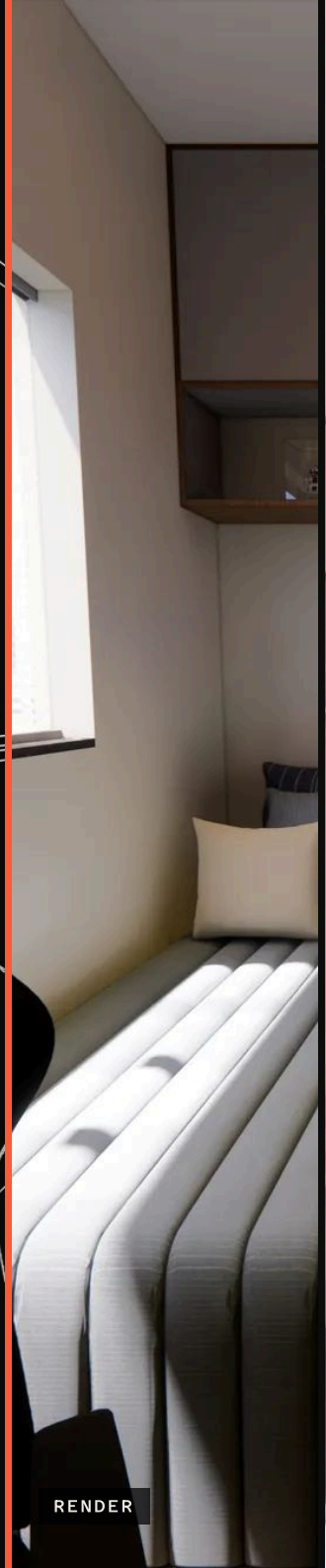
ERICK RANDAL

Contemporary architecture, made to be built.

Architect and urban planner in training at UCP, Brazil. Interiors, joinery, landscape and housing — from site survey to construction.

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LINE


RENDER


BUILT

ABOUT



ERICK RANDAL PACHECO LIMA

I'm in the 10th semester of Architecture and Urban Planning at the Catholic University of Petrópolis, graduating in 2026, and I currently intern at Laura Varejão Arquitetura.

Before that, from 2024 to 2026, I interned at Construtora De Paula Hammes, a construction company. I work the way the building site taught me: measuring, modeling, detailing and following through.

SCENE 01	PUB	P. 03
SCENE 02	GREEN ROOF	P. 05
SCENE 03	DUO BEDROOM	P. 07
SCENE 04	APARTMENTS	P. 09
MAKING OF	FROM SKETCH TO SITE	P. 11

FOUR POINTS

FOR AN ARCHITECTURE MADE TO BE BUILT

An idea of architecture fits in a short list, as Le Corbusier's five points showed. These are the four that guide my work.

1 MEASURE BEFORE DRAWING

Every project starts on site: measure, record what exists and understand how it's used before the first line.

2 DRAW TO BUILD

A good drawing is one the site can build: dimensions, materials and joints resolved on paper, before construction.

3 DECIDE TOGETHER

A render is a conversation. The people who will use the space see it, weigh in and decide before construction starts.

4. MATERIALS THAT LAST

Wood, reclaimed brick, granite and greenery: honest materials, chosen to age well and last.

PUB

A traditional English-style pub

> *Making time slow down: low light, wood and reclaimed brick for conversations that last two to five hours.*

A social space inspired by traditional English pubs, with a cultural identity and a focus on drinks, conversation and long stays. Visits are expected to be medium to long – two to five hours – since the place encourages socializing, quick meals and tasting drinks.

Lighting is low-intensity LED, with conventional power for lighting and equipment, and natural ventilation.

TYPE
Interiors · Commercial

STATUS	AREA
Script · design	**97 m²**
LENGTH OF STAY	LIGHTING
2 to 5 hours	**LED, low intensity**

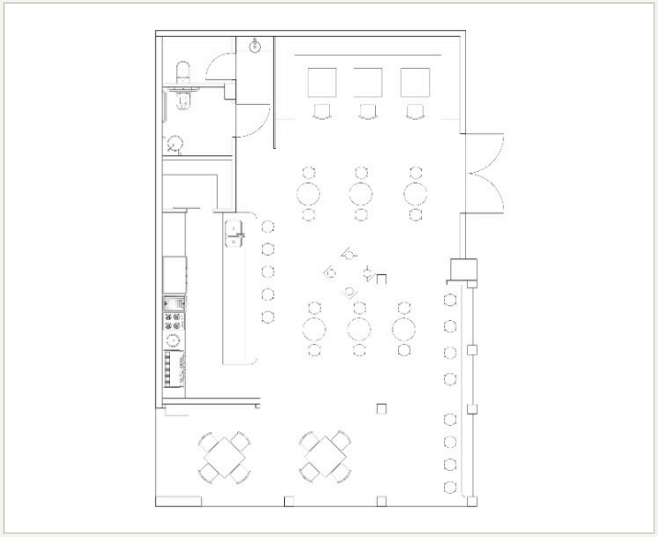
CLIMATE
Natural ventilation



Shot 01 render · Cover

SCENE 01

PUB — SHOTS



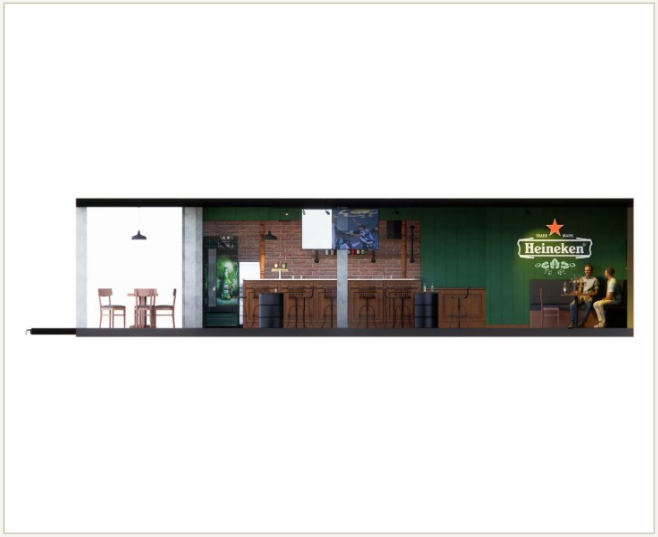
Shot 02 plan · Floor plan — layout



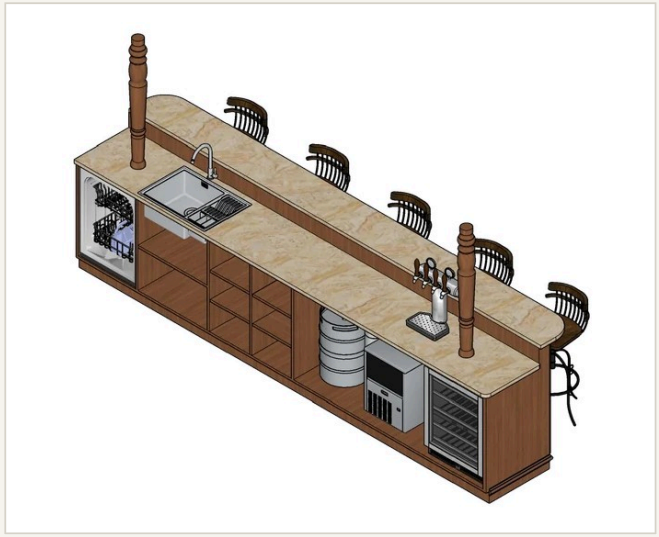
Shot 03 render · Main room — benches along the green wall



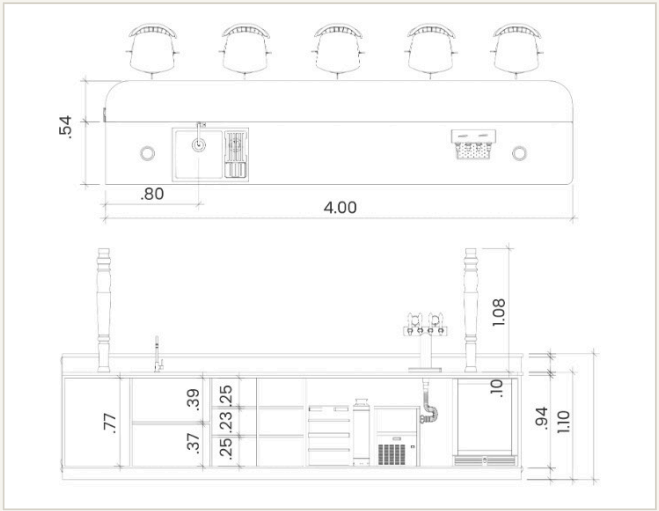
Shot 04 render · Main room — toward the windows



Shot 05 drawing · View 1



Shot 06 drawing · Isometric view



Shot 07 drawing · Plan and elevation — dimensions in meters

GREEN ROOF

An outdoor social space on the roof

> *Turning the roof into a place to stay: the radial pergola casts shade and organizes decks and planters around the green.*

This project designs an outdoor space with a green roof, meant to offer comfort, a place to gather and a closer connection with nature. It turns the area into somewhere to stay and rest, bringing in planting, seating areas and circulation.

The timber pergola creates a shaded, welcoming area, while landscaping with different plant species improves thermal comfort, environmental quality and the look of the space. Decks and furniture were placed to encourage people to gather and use it.

TYPE
Landscape · Green roof

STATUS
Script · design

STRUCTURE
Timber pergolas

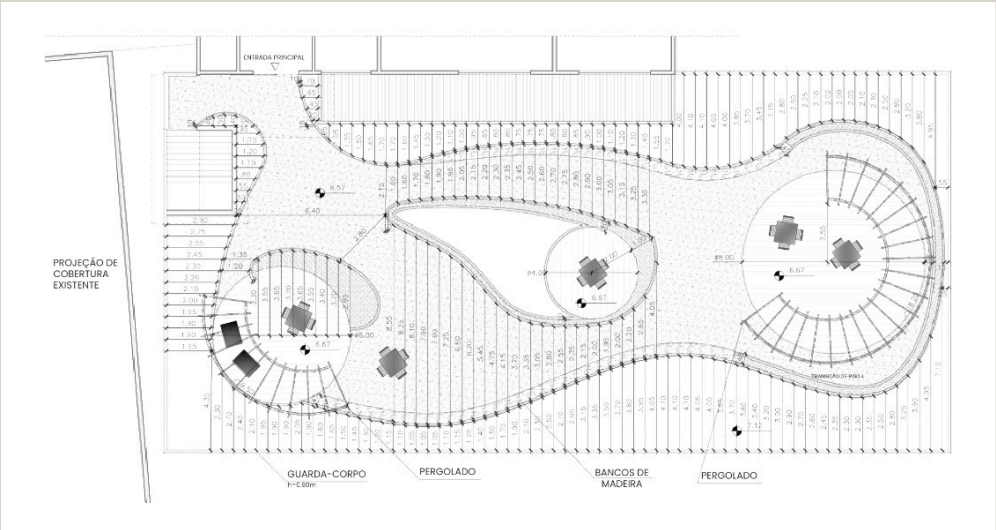
GUARDRAIL
h = 0.90 m



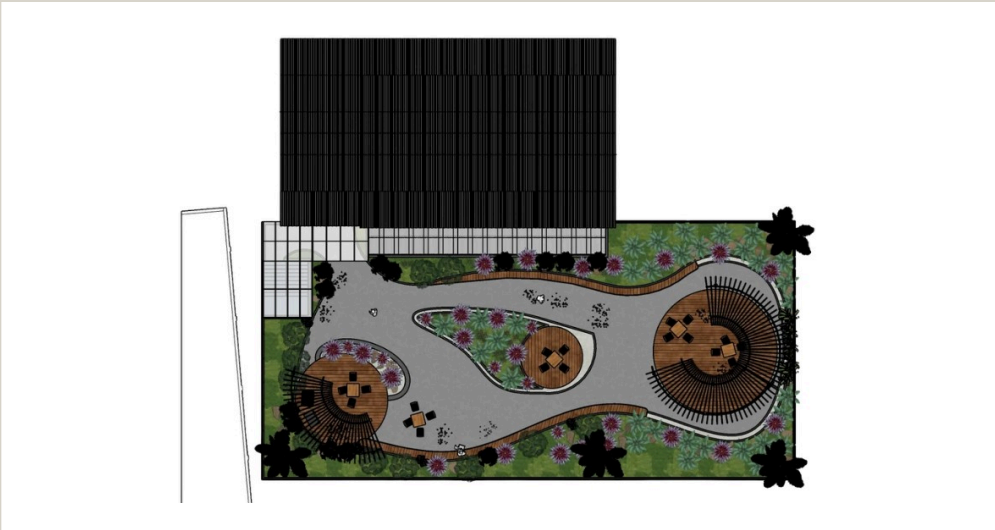
Shot 01 render · Cover

SCENE 02

GREEN ROOF — SHOTS



Shot 02 plan · Technical



Shot 03 plan · Rendered



Shot 04 render · Pergola and circular deck



Shot 05 render · Social area

DUO BEDROOM

A bedroom for two brothers — from render to built joinery

> *Two brothers, one room: joinery solves the space, and the wardrobe behind the door frees up room to study, play and store.*

A bedroom designed for boys between 8 and 15, meeting their needs for study, leisure and gaming. The design prioritizes making the most of the space and keeping it organized through custom furniture.

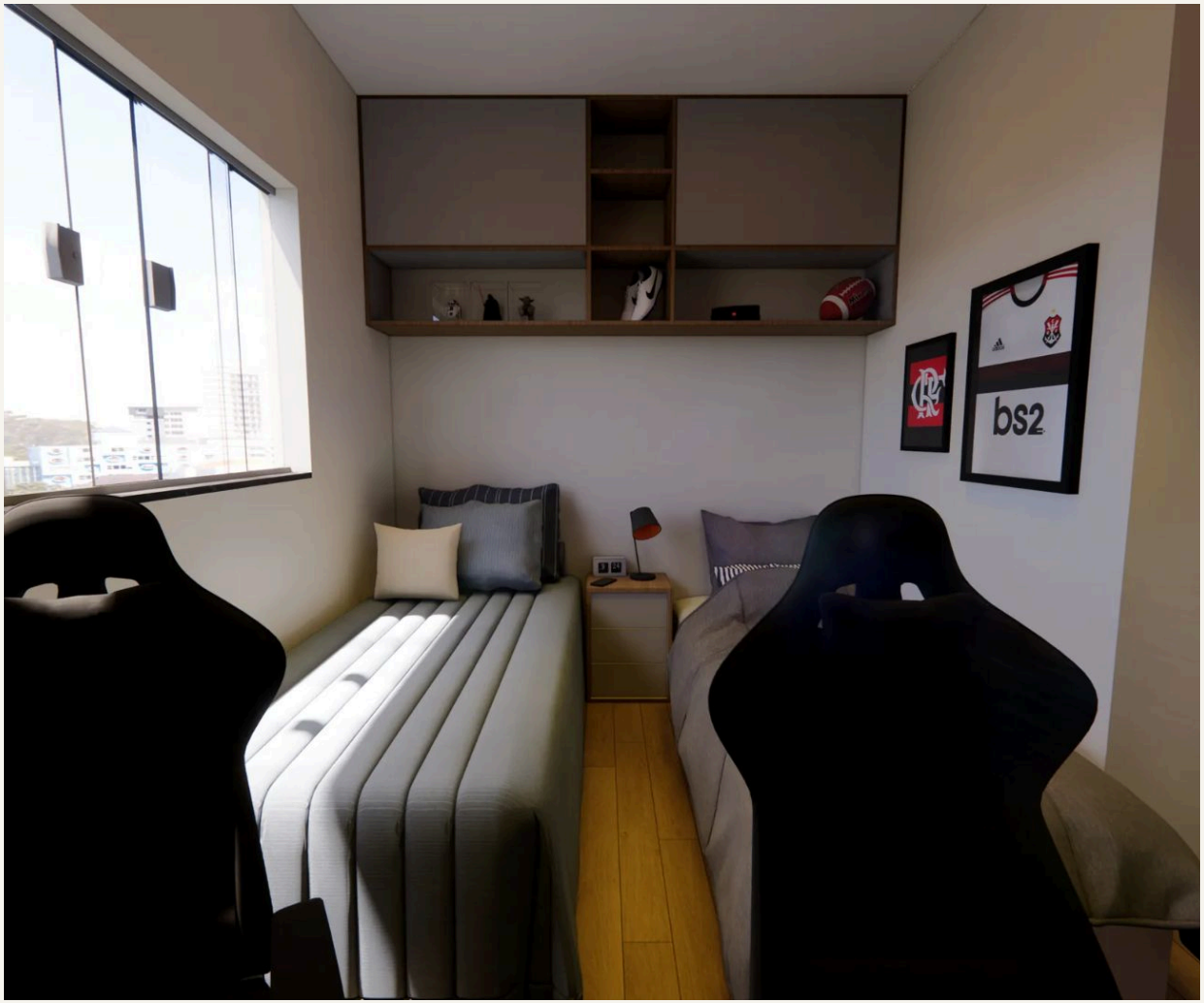
The layout fits two beds, a study area and storage, ensuring function without compromising comfort or circulation. The furniture includes a wardrobe, a bookcase, a study desk and wall cabinets, making better use of the walls and freeing up floor space.

TYPE
Interiors · Joinery

STATUS
Wrapped · built

USERS
2 brothers, aged 8 to 15

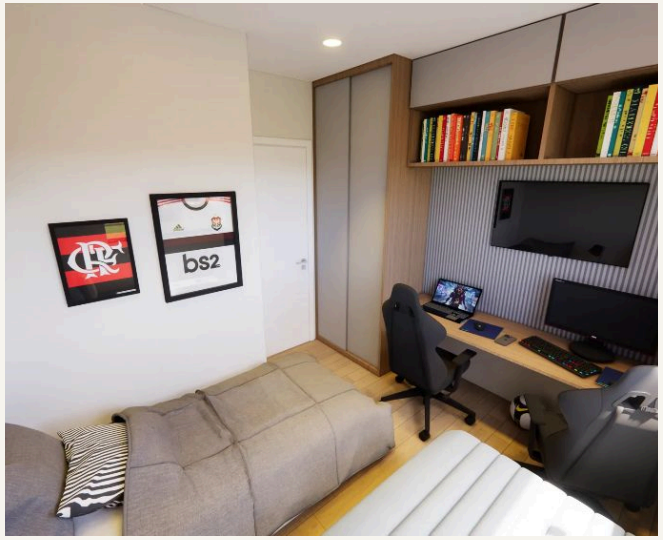
PROGRAM
Sleep, study, play



Shot 01 render · Cover

SCENE 03

DUO BEDROOM — SHOTS



Shot 02 render · Design



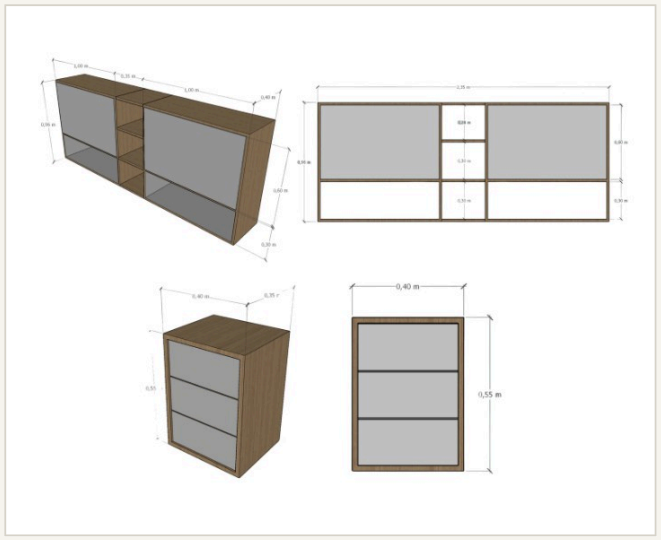
Shot 03 site photo · As built



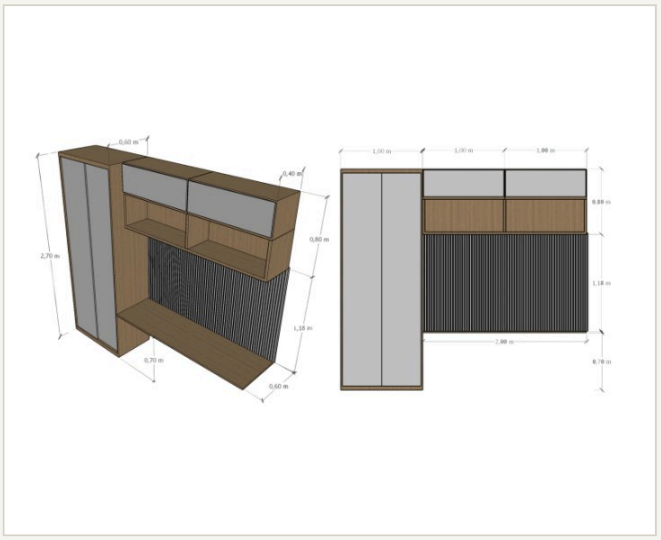
Shot 04 render · Design



Shot 05 site photo · As built



Shot 06 drawing · Wardrobe, drawer unit and modules



Shot 07 drawing · Closet and slatted panel

APARTMENTS

One- and three-bedroom units for a housing development

> *Functional plans for different families: integrated living, kitchen and dining so every square meter serves life together.*

A study of apartments for a housing development, with one- and three-bedroom units for different residents and household compositions.

The proposal aimed for functional, well-distributed plans, prioritizing the integration of living room, kitchen and dining to encourage time together and make better use of space. The units were planned for comfort, everyday practicality, good daylight and natural ventilation, and efficient internal circulation.

TYPE
Housing · Interiors

STATUS
Script · design

UNITS
1 and 3 bedrooms



Shot 01 render · Cover

SCENE 04

APARTMENTS — SHOTS



Shot 02 plan · 1 bedroom



Shot 03 plan · 3 bedrooms



Shot 04 render · Integrated kitchen



Shot 05 render · Living room



Shot 06 render · Arrival

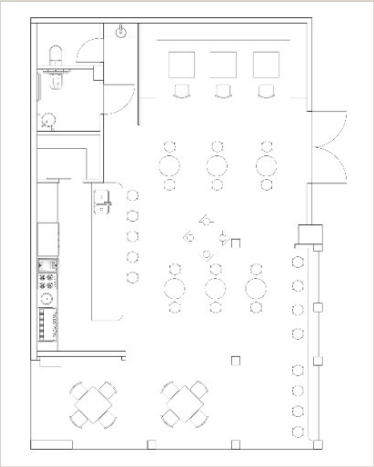


Shot 07 render · Dining and balcony

MAKING OF

FROM SKETCH TO SITE

Each stage shown with a real piece from the projects.



01 SURVEY

Measure on site and record what already exists: design starts from reality.

Pub · plan · Floor plan — layout

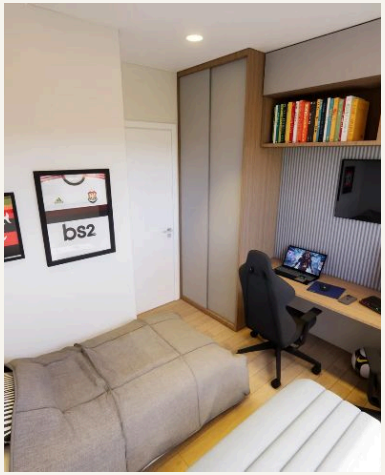


02 MODELING

Study volumes, joinery and openings in the 3D model.

SKETCHUP

Duo Bedroom · drawing · Beds and nightstands — exploded view

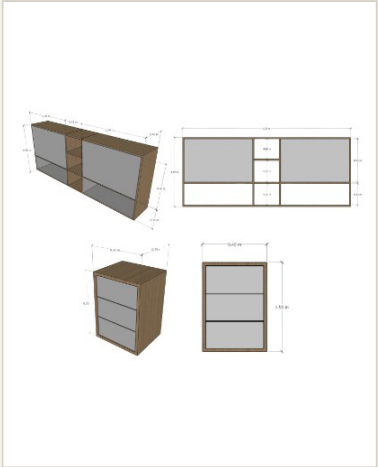


03 RENDER

See the space before it exists and decide together with the client.

ENSCAPE

Duo Bedroom · render · Design render



04 DOCUMENTS

Detail with dimensions and specifications so the build leaves no doubt.

AUTOCAD

Duo Bedroom · drawing · Wardrobe, drawer unit and modules



05 CONSTRUCTION

Spreadsheets, schedules and follow-up through to handover.

SPREADSHEETS AND SCHEDULES

Duo Bedroom · site photo · As built

ON LOCATION

TWO YEARS ON SITE

Before the architecture studio, a construction company: for two years I worked alongside the people who build.

That's where I learned that a good drawing is one the site can actually build. So I design with the builder in mind: checked measurements, resolved details and a schedule that works.

SITE INTERNSHIP 2024 — 2026

CONSTRUTORA DE PAULA HAMMES

ROLE	PERIOD
Architecture Intern	2024 – 2026

INTERN
Erick Randal Pacheco Lima

CREDITS

ARCHITECTURE AND DESIGN	Erick Randal Pacheco Lima
ARCHITECTURE INTERN	Laura Varejão Arquitetura 2026 — present
ARCHITECTURE INTERN	Construtora De Paula Hammes 2024 — 2026
EDUCATION	Architecture and Urban Planning – Catholic University of Petrópolis (UCP) 10th semester — graduating in 2026
EDUCATION	High school – Colégio de Aplicação da UCP Completed in 2017
DAY TO DAY	Site measurement surveys · Construction documents in AutoCAD · 3D models in SketchUp · Spreadsheets and schedules · Construction follow-up
TOOLS	AutoCAD 2D EXPERT · SketchUp ADVANCED · Enscape ADVANCED · Revit DEVELOPING · Microsoft Office ADVANCED · Canva ADVANCED
SKILLS	Quick learner · Clear communicator · Proactive · Team player
LOCATION	Petrópolis, Brazil

THE END

NEXT PRODUCTION

Let's get your project rolling.

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