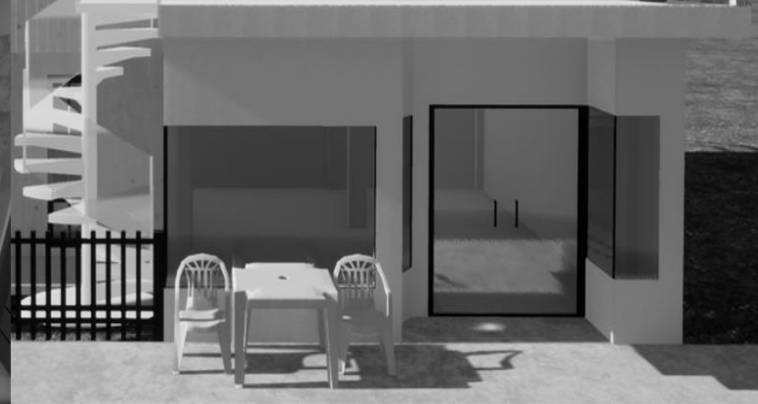
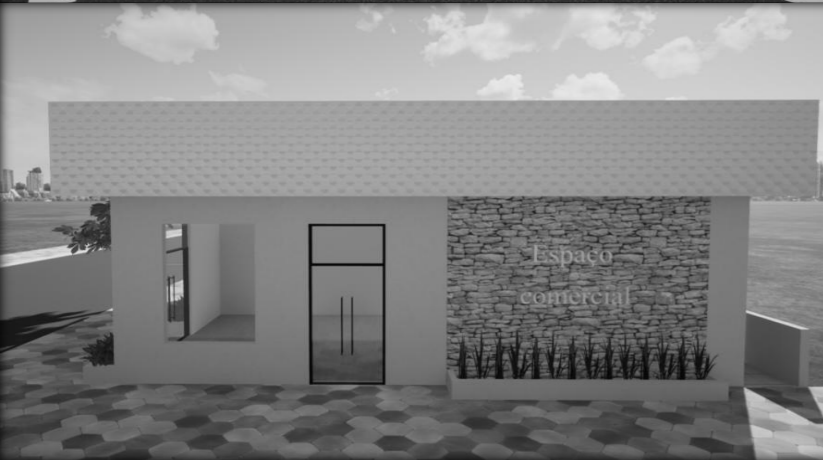


PORTFOLIO

Clara Leticia Mallmann

Civil Engineer





Clara Leticia Mallmann

Civil Engineer

CREA RS237230

Campina das Missões – RS – Brazil

Date of birth: 27th of January 1996 - 27 years

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PROFILE

A highly motivated and creative individual striving for continuous learning. Leadership skills, an extremely hard work ethic, highly responsible and reliable. Considered a quick learner, organized and respectful. I am great being part of a team and I am also comfortable working alone.

EXPERIENCE

Clara Mallmann Office

Civil engineer independent

- Residential and commercial architectural projects.
- Civil Works monitoring.
- Regularization properties – Measurement, design and complete documentation for registration of the property in the land registration.
- Fire prevention Project for comercial spaces such as offices, cafeteria and stores.
- Fraction and unification of lots.
- Calculation and Redistribution worksheet for building áreas in condominium.
- Adequacy of existing hospital rooms in rooms according to the current legislation for carrying out endoscopy exams. Complete documentation for approval by sanitary surveillance. (Hospital Campina, Campina das Missões – RS – Brazil)

Campina das Missões City Hall

Office´s Official Engineering Sector

- Measurement, design and organization of data related to real estate reregistration.
- Cultural Center Project – Space for rehearsals and presentations of dance groups.
- Architectural projects for new rural houses or extensions – partnership between the city hall and the rural workers' union due to financing for rural housing.
- Fire prevention Project for schools and public buildings.
- Monitoring of public works in the municipality such as construction, building renovations and execution of streets with interlocking floors.
- Construction material budgets for public works.

Campina das Missões, RS - Brazil

March 2019 – present

Campina das Missões, RS - Brazil

July 2019 – December 2020

EDUCATION

2020-05 - 2021-03 | Postgraduate Interior Architecture and Lighting Design

Centro Universitário Internacional – Uninter – Brazil

2014-03 - 2018-12 | Bachelor Civil Engineer

Universidade Regional do Noroeste do Estado do Rio Grande do Sul - Unijuí - Brazil

LANGUAGES

Portuguese: C2

English: B2

Spanish: A2

SKILLS

AutoCad: Proficient

SketchUp: Proficient

Twinmotion: Proficient

MS Office tools: Proficient

Revit: Beginner

“Thus, the task is not so much to see what no one yet has seen,
but to think what nobody yet has thought about that which
everybody sees.”

Arthur Schopenhauer

Project history

2018

**Final
paper**

2020

**Dream
House**



2020

**Apartment
with a width
of 5.86
meters**



2021

**Lancheria
Ki-kão
Project**



2021

**Facade
modernization**



2021

**Country
house**



2022

**Contemporary
style single-
story house**



2022

**Project
remodeling
Campina
Hospital**



Final paper

Analysis of Accessibility in Minimum Housing in the City of Santa Rosa (Santa Rosa – RS- Brazil – 2018)



Fonte: Kitoko Studio (2014)

With the Industrial Revolution, the process of urbanization began, where people left the countryside to live in the city, which caused an agglomeration of people. This vast demand for residential spaces in large centers has also increased the price per square meter. In order for people with less purchasing power to live in cities with more infrastructure, without having to submit to living in precarious conditions, minimal housing was thought of as a solution.

The minimum housing accommodates more people in smaller dimensions, which provides comfort and quality of life at a reduced cost. I brought ideas to optimize small spaces, such as multifunctional furniture, that is, furniture that transforms into others.

In my Final Paper, based on books, I did an analysis on what would be minimum dimensions, I also did a survey through a questionnaire on what people understood by minimum housing, if they considered their houses small, medium or large, if they would live in an 8m² apartment (designed by Kitoko Studio in 2014) as per the following photo. Why minimum dimensions with accessibility? Because you should design for everyone. Adapting a reduced environment into an accessible place is possible and this benefits the lives of people with special needs, giving them more independence and autonomy.

In conclusion, the minimum space depends a lot on the perception from person to person, and in addition to the area of the building, the organization and arrangement of the furniture in the residence must be analyzed, leaving the feeling of spaciousness to the place, because based on the questionnaire carried out, 32% of the interviewees would like to that their homes were bigger, but seeing photos of a small and well-organized apartment, 70% of people would accept living in this 8m² apartment.

* Final grade of the TCC 95 points, with a maximum grade of 100.

Dream House

2020

This project is very personal, it was a project I made based on what my “Dream House” would look like, with a small balcony in front of the house, bay window and French door. Another observable aspect is the predominance of light neutral colors such as white and black. But with a lot of vegetation that brings more "life" to the project.

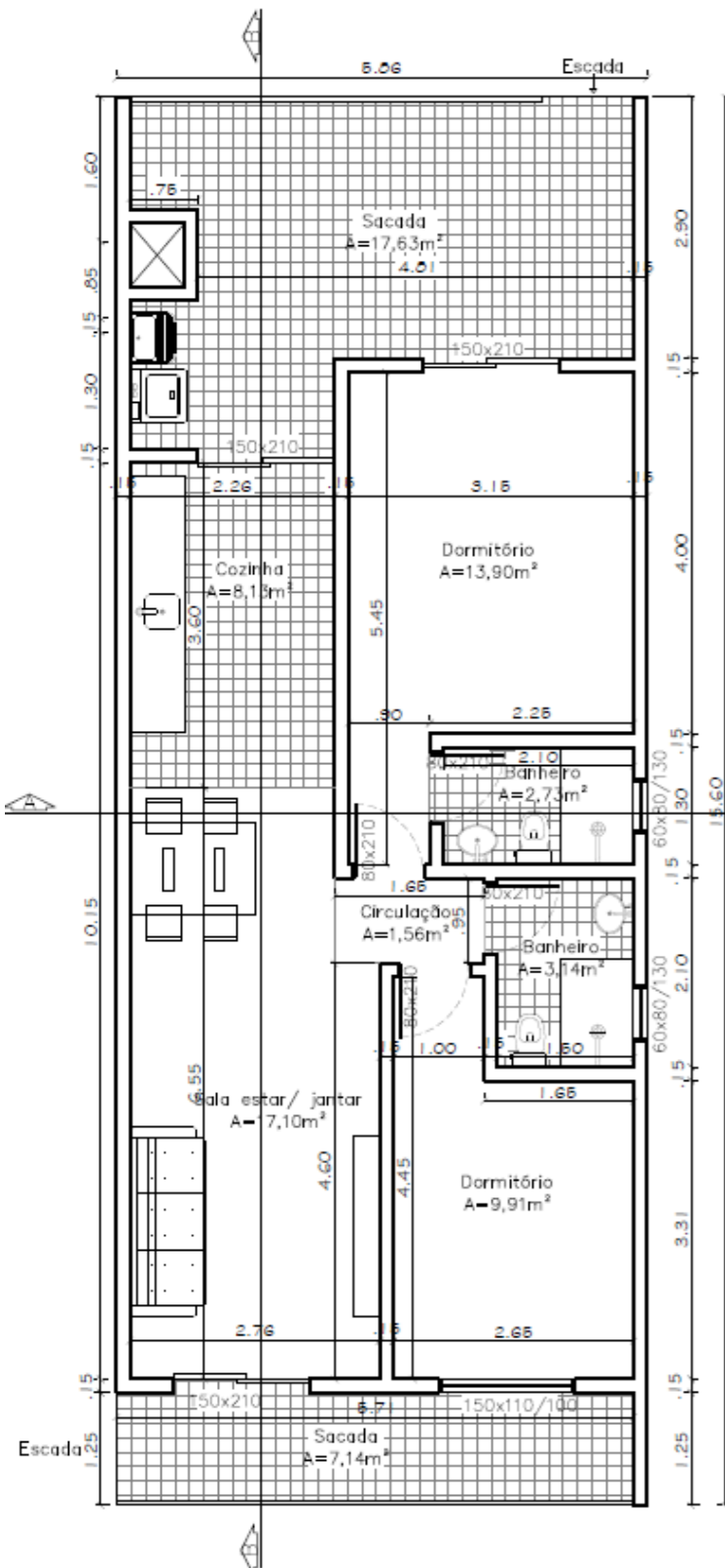
In the internal part of the house, a more modern style, without much furniture, giving the impression of amplitude to the space. Also with more neutral colors.



Apartment with a width of 5.86 meters

The challenge of this project was to organize the best possible layout for the apartment that was built on top of an existing commercial space, due to the small width of the building, which was 5.86 meters. The apartment has two bedrooms, a living/dining room, kitchen, two bathrooms and two balconies.

Campina das Missões - RS – Brazil - 2020



Lancheria Ki-kão Project

Campina das Missões – RS – Brazil - 2021

Totally new design. Project Challenge: To design a modern and cozy space. Beams and pillars painted black and exposed brick giving an industrial style to the environment.

Initially, there would be no openings on the underside of the building, as the owners' goal was to build another commercial space there in the future. But, during the progress of the constructions, they changed their minds and a door was placed to give access to the garden and thus take advantage of this external space to serve customers.

This external space has become the snack bar's strong point on summer days and nights, as most customers prefer an external place to sit and feel in contact with nature.

Another strong point of the snack bar is the kids space, where in addition to toys, a wall with blackboard paint was designed, where children can draw on the wall.



Facade modernization

Campina das Missões - RS – Brazil - 2021

The building consists of a commercial space located in the center of the city of Campina das Missões – RS – Brazil. In addition to being a very old building, it also had very high stairs (as shown in the photos) making access difficult for people with disabilities and reduced mobility. So the goals of the project were to solve these two problems.

To solve the problem of the floor, the existing wooden floor was removed and the ground below it was excavated, leveling the internal floor with the external sidewalk, thus leaving the environment accessible. And the techniques to make the facade more modern were the use of coatings, painting, flower beds, external lighting and especially the ACM (Aluminum Composite Material) panel, leaving the impression of being a flatband, giving an air of modernity and sophistication to edification.

The importance of adapting old buildings for inclusion and access to all.



Country House

Campina das Missões - RS – Brazil

When I do a project for a client, normally the person already comes with a model photo of what he wants. In this country house project, I tried to keep it as close as possible to the inspiration photo brought by the client, adapting only the dimensions and rooms as desired by the client. This country house was built in the year 2021.

Customer inspiration photo



Project 2021



In the year 2022, the client returned requesting a gourmet area project, which will be built next to the house. To get to this gourmet area, you have to cross a sidewalk in the middle of the garden, this path is covered by a wooden pergola, which gave the project a special charm. To match the house, in addition to the exposed brick, the roof was also designed to have the same style as the house.



Contemporary style single- story house

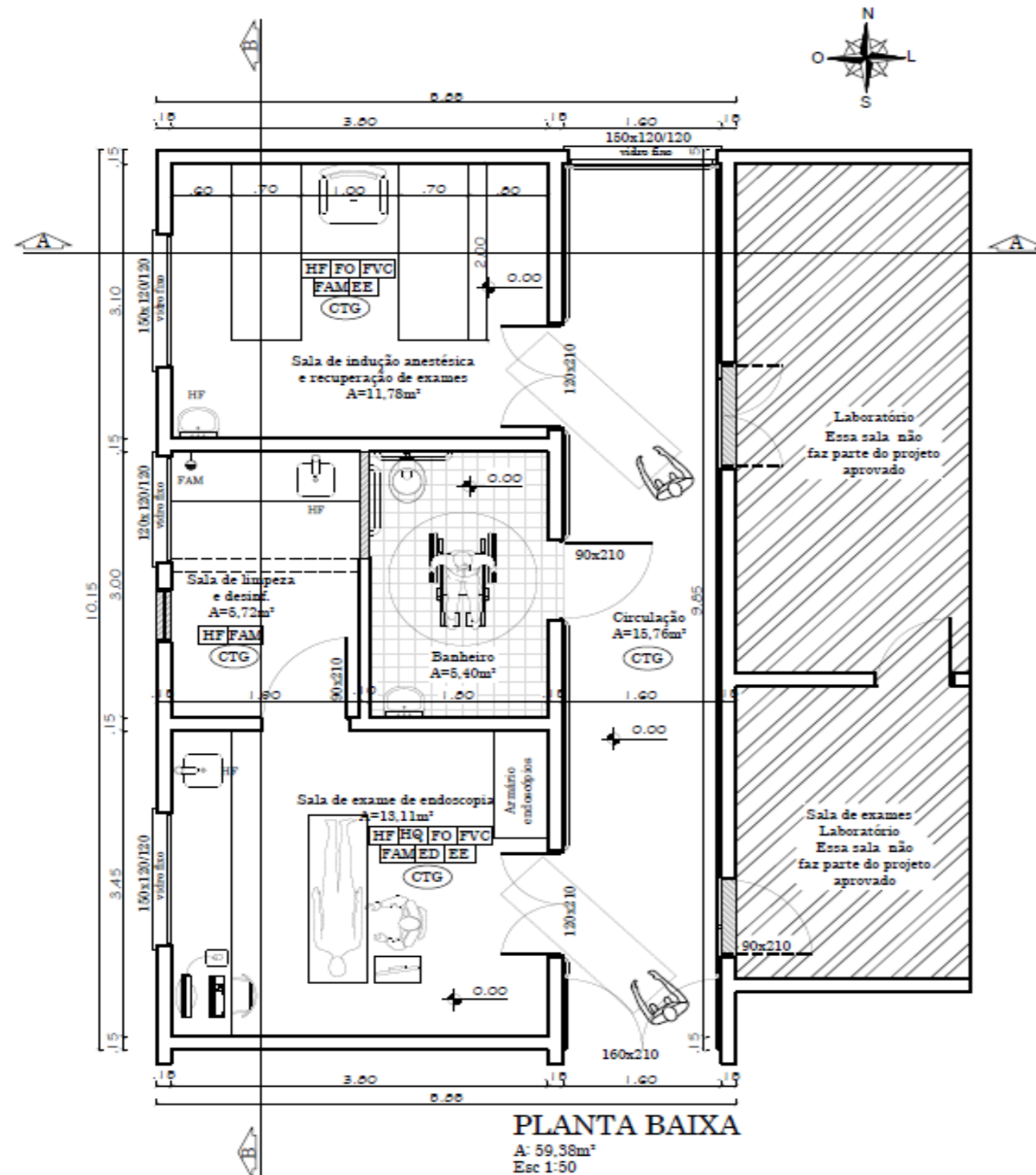
Campina das Missões - RS – Brazil - 2022



Residential project of a contemporary style house for a young couple with a child. A combination of coatings and shapes harmonious with each other. The objective was to create an environment with plenty of natural light, but without compromising the privacy of the residents, in this sense, the wooden slatted panel performed well, as in addition to being aesthetically pleasing, it also prevents the direct view from outside to the inside of the house. The higher ceilings, in addition to giving a feeling of spaciousness inside the house, still leaves a contrast in the volumetry of the facade.

Project Remodeling Campina Hospital

Campina das Missões - RS – Brazil - 2022



The objective of the project was to adapt rooms that already existed in the hospital and that were not being used, to be transformed into rooms for carrying out endoscopic examinations.

The challenge of this project was to adjust the existing rooms according to the Sanitary Surveillance specifications, without changing the structure of the building. For this, some doors were modified in order to allow the circulation of stretchers. The windows were also replaced by fixed windows, as the ambient pressure must be negative, due to this, an air conditioning project was carried out by a mechanical engineer. To embed the air conditioning pipe, a plaster lining was installed. In addition, the entire floor was changed and all walls were painted, and sinks were installed in all rooms. Still to adjust the standards, the layout of the furniture arrangement was planned.

This project was approved in October 2022, after being delivered together with the Floor Plan, the descriptive Memorial, and all the documents required by the Sanitary Surveillance .

Thank you for your time.