

ARCHITECTUREPORTFOLIO

Pedro Bergamin

Architect and Urban Planer

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August 2023- present



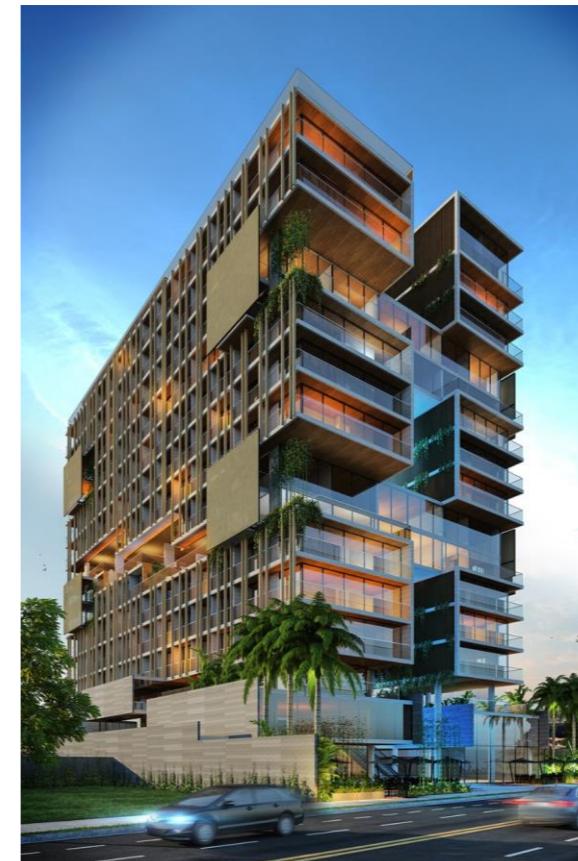
2. Geising + Böker Architekten
April 2021- July 2023



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June 2018 – June 2019



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July 2015 – July 2016



1. Cooney Architects

ST FRANCIS PARK

Description:

Residential project for 10 houses divided into 5 blocks in Navan.



Main activities:

- Construction site visits to ensure that the project is being carried out according to design team plans and specifications, showing points of concern in the execution and discussing solutions with the engineer and subcontractors.
- Produced detailed inspection reports based on the points discussed on site and the construction progress.
- Adjustment of construction details and other project aspects after necessary modifications noted on site, to ensure that they comply with current building regulations.



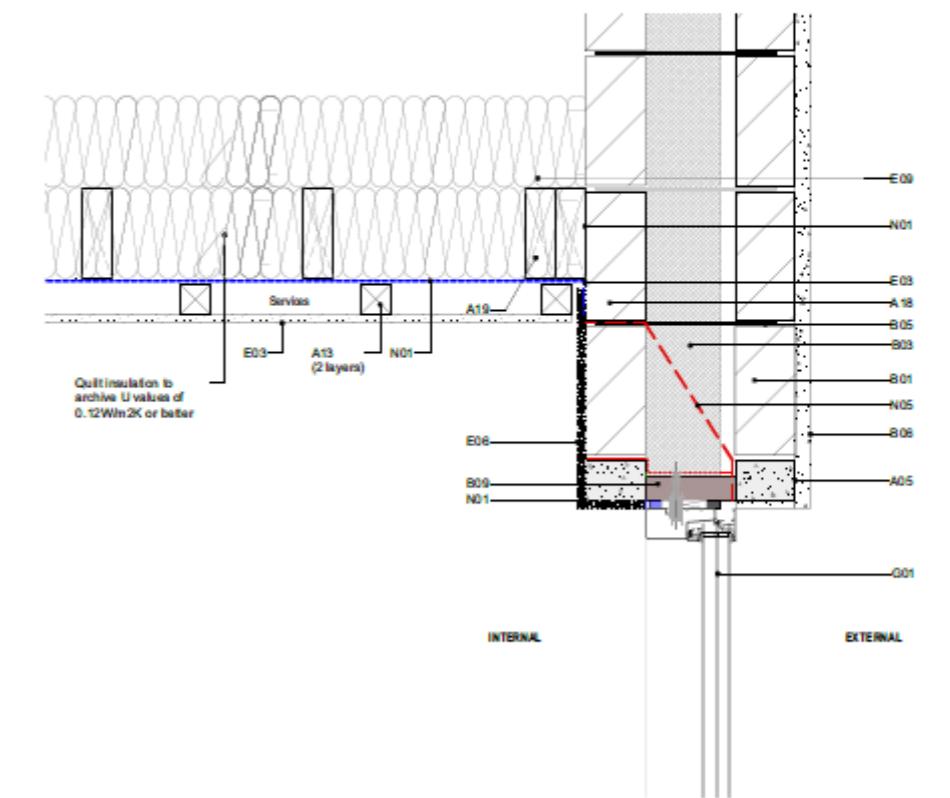
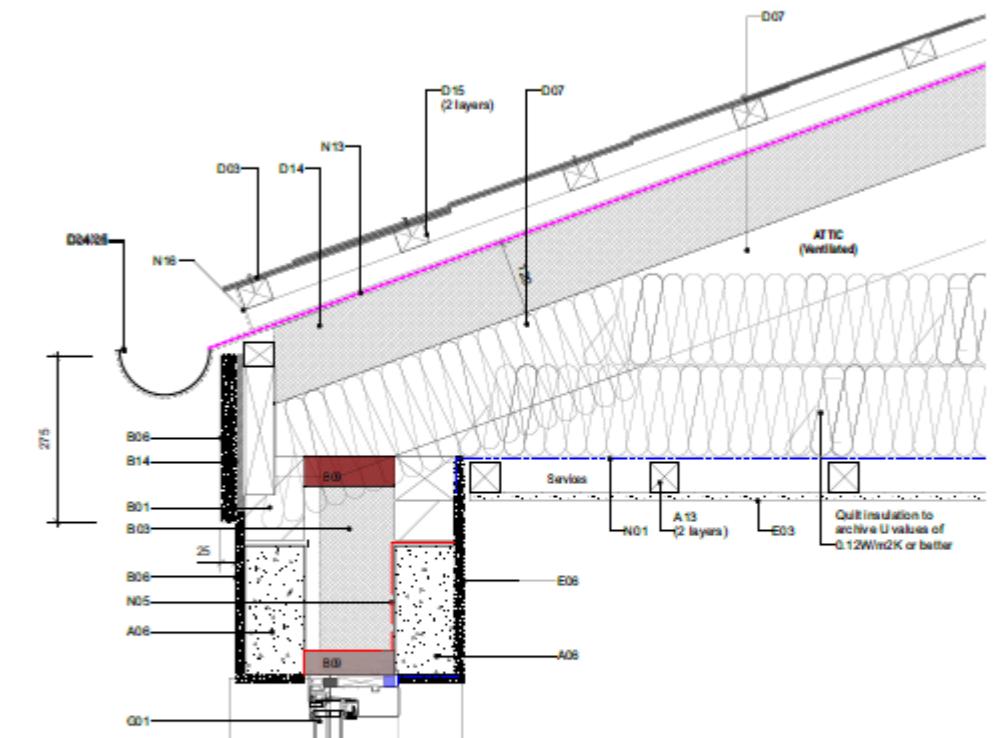
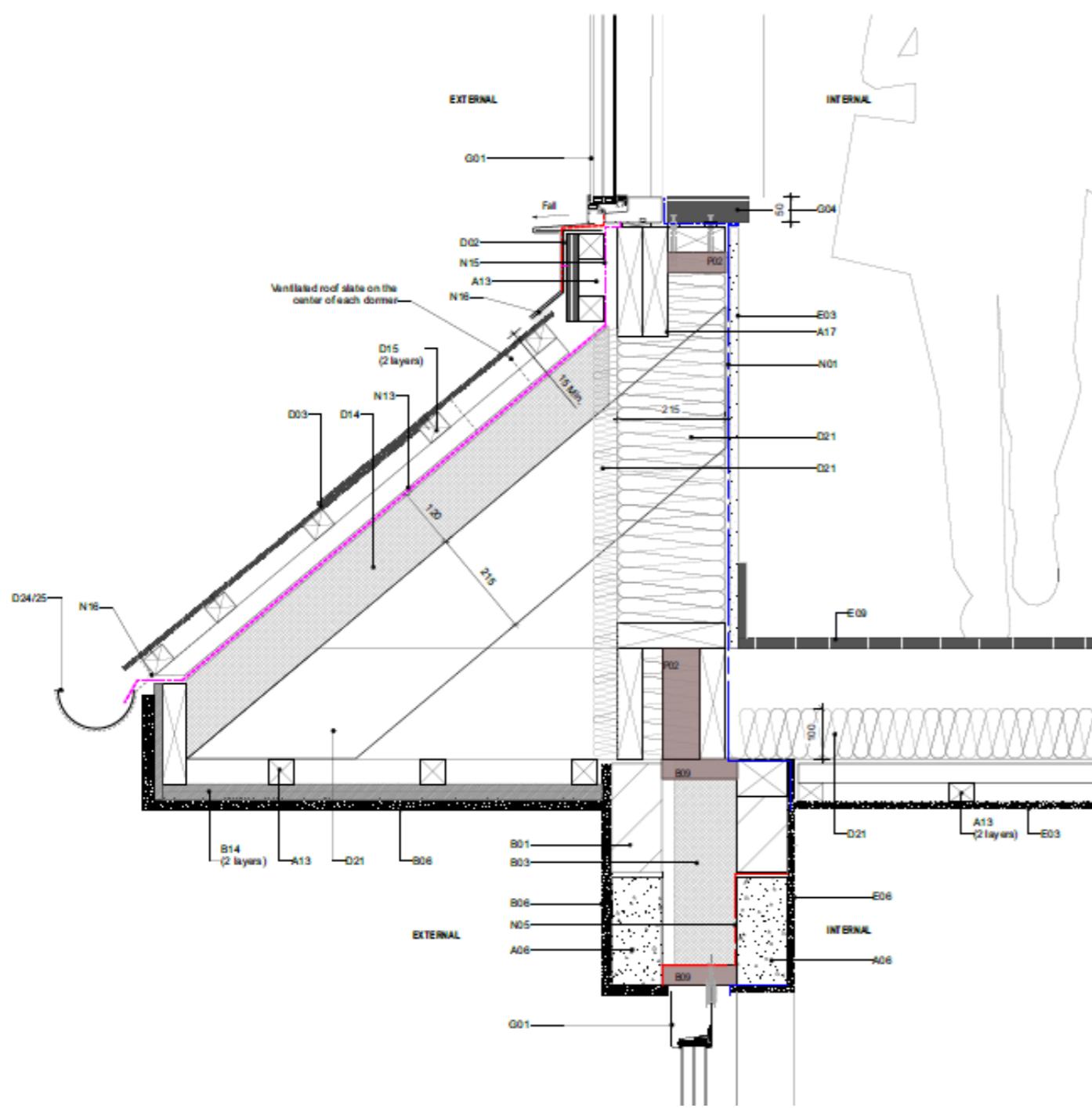
1. Cooney Architects

ST FRANCIS PARK – *Site photos*



1. Cooney Architects

ST FRANCIS PARK – *Detailing*



2. Geising + Böker Architekten

BADEGÄRTEN EIBENSTOCK

Description:

This Badegärten is located in Eibenstock, one of the coldest areas in Germany. The building is a wellness complex including saunas, swimming pools, gastronomic facilities and hotel accommodations around a natural lake. The office is working on a major renovation and expansion of the complex.

The work included careful documentation of the existing conditions of the building, making sure the new design does not conflict with existing conditions through consultation of the original architectural drawings and constant site visits.

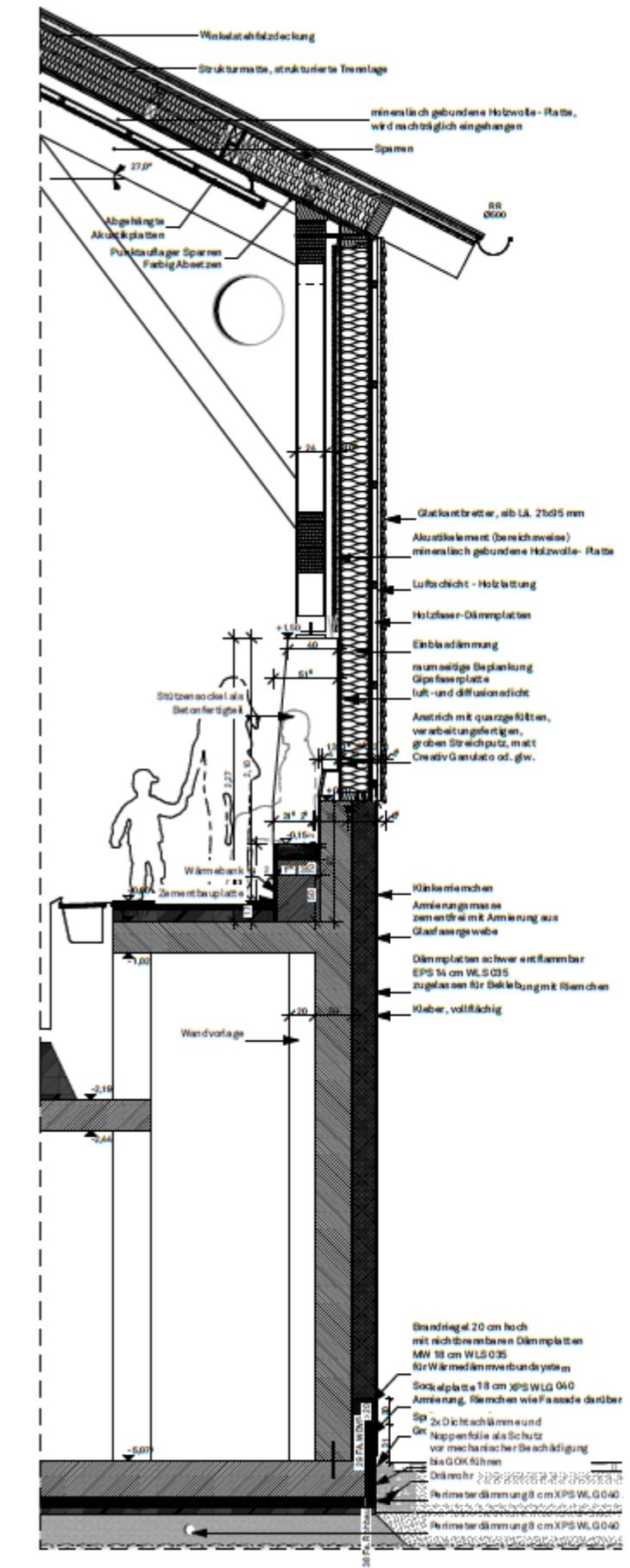
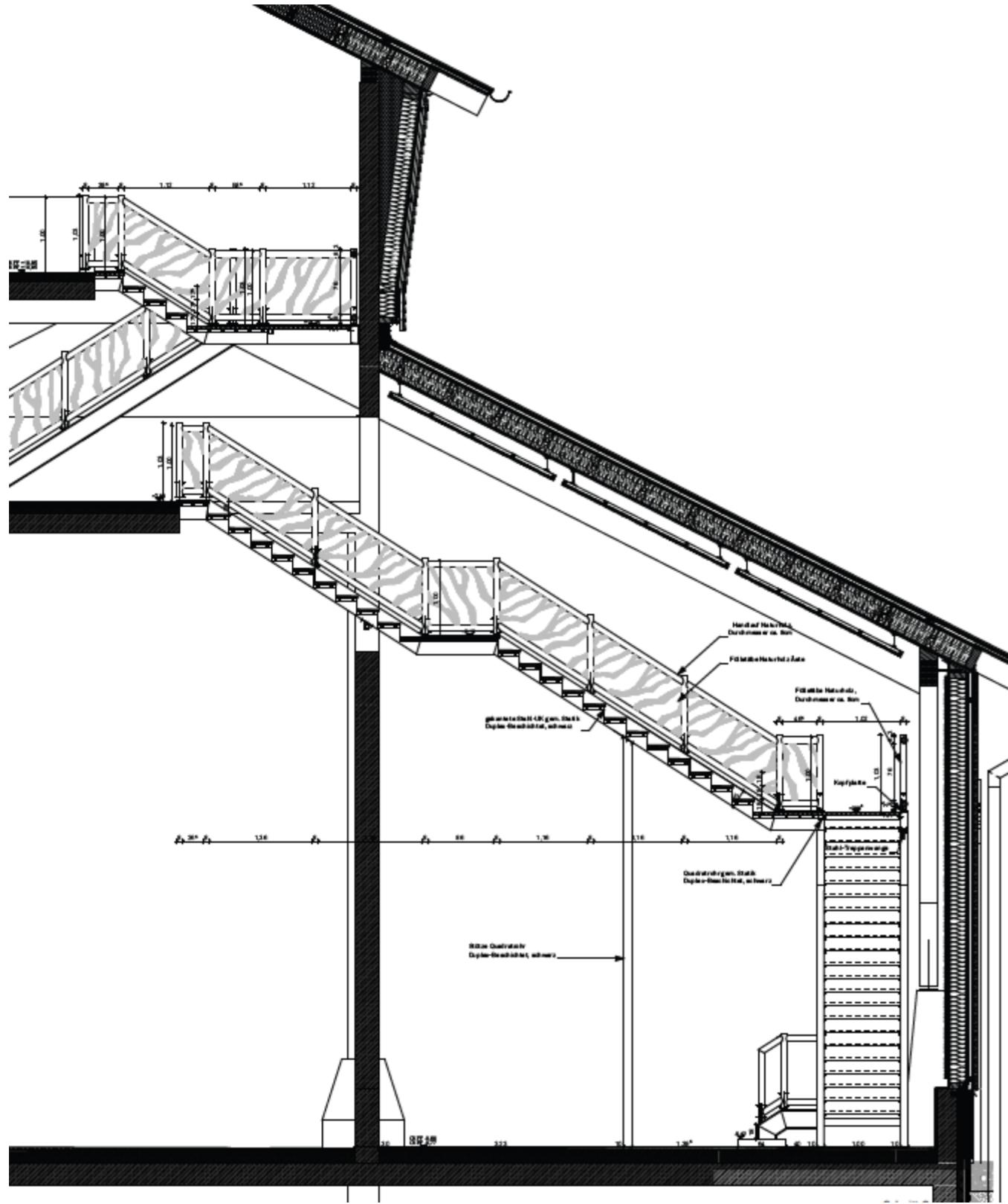
Main activities:

- Worked simultaneously with 6+ architects and project managers on the same file through ArchiCAD Teamwork.
- Production of preliminary 3d images for clients approval.
- Development of technical details of insulated walls, floors and ceilings structures with appropriate joints of the elements, as well as stairs and frames.
- Creating views from internal walls and facades showing new materials and construction elements.



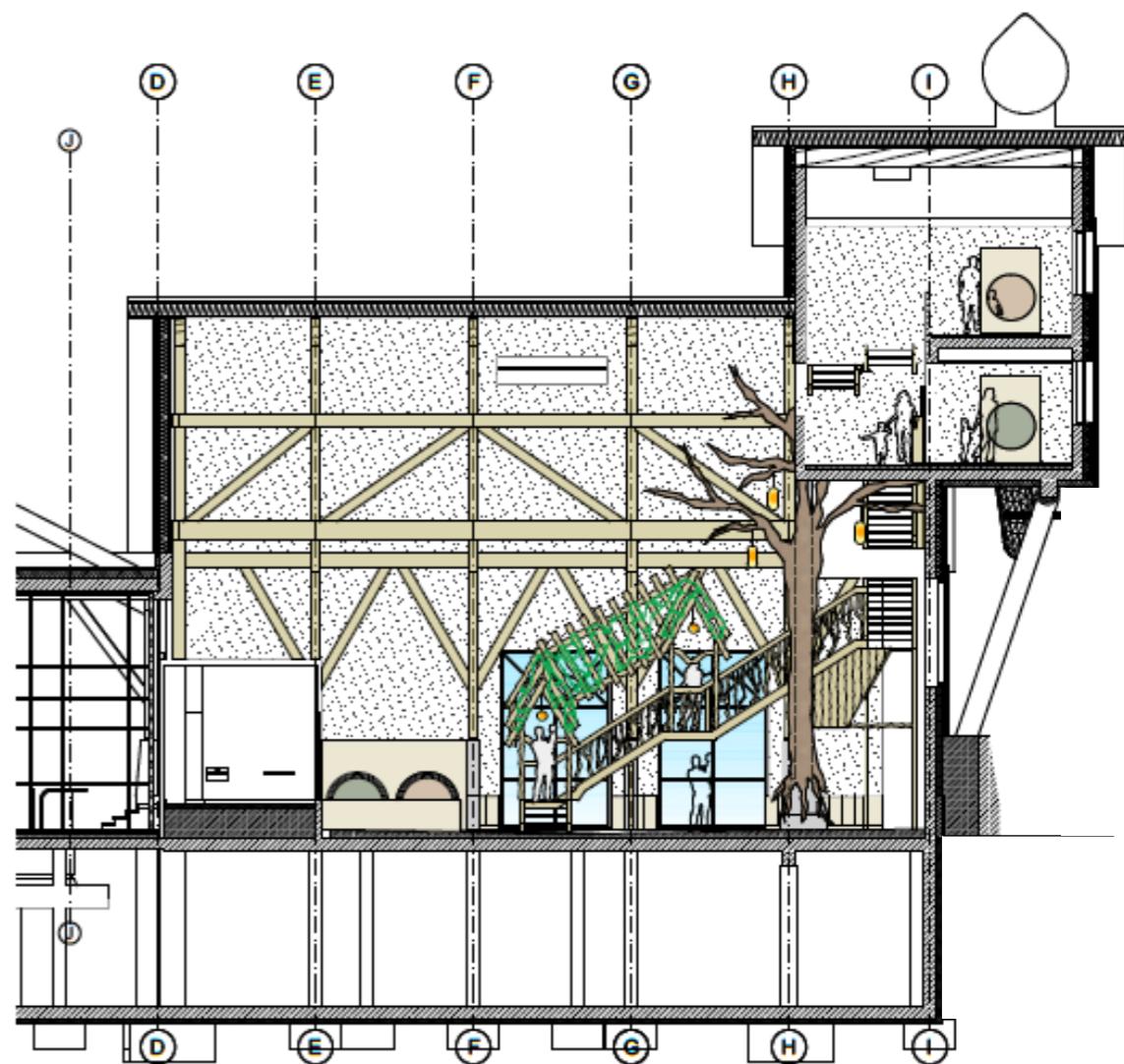
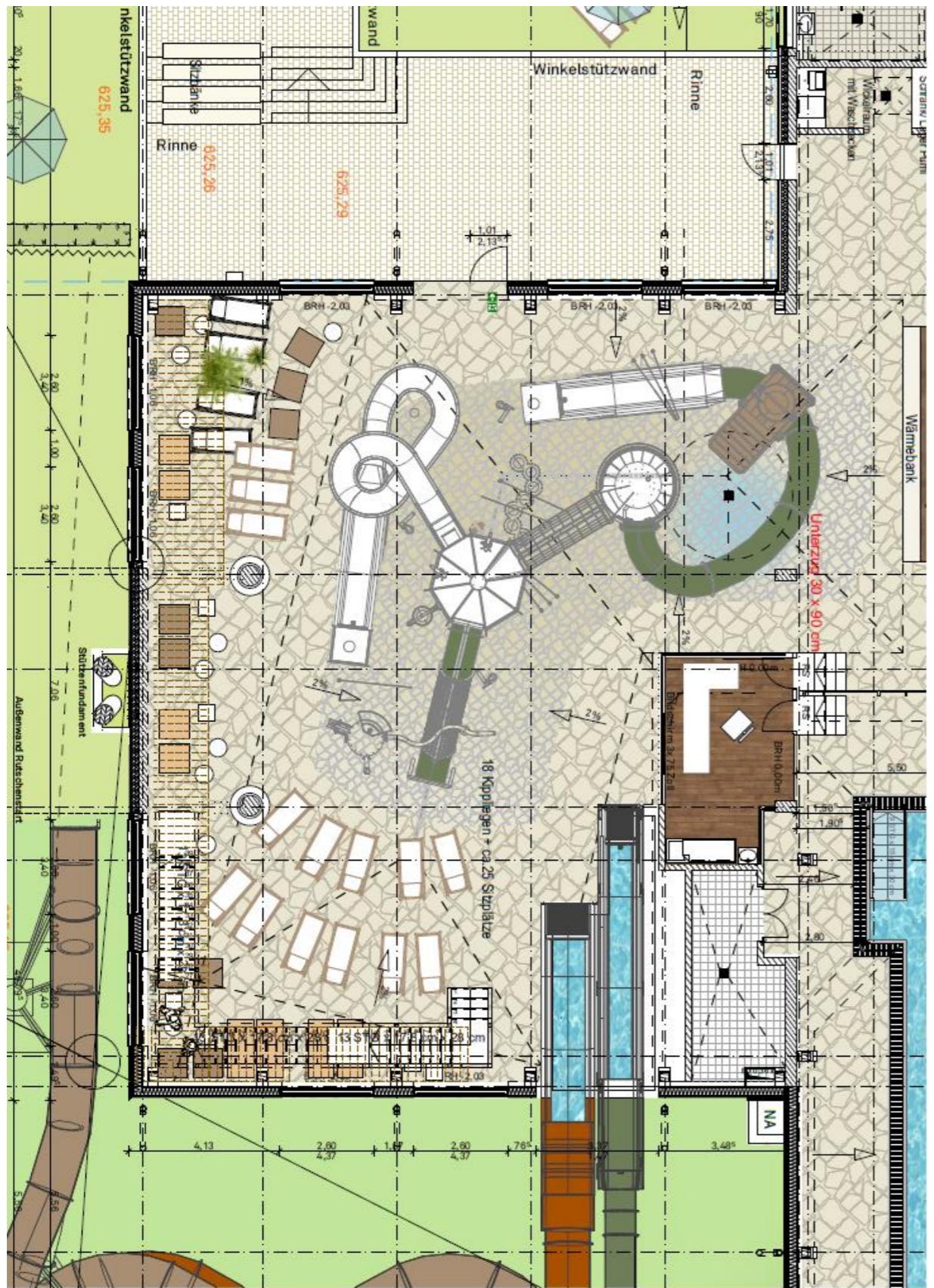
2. Geising + Böker Architekten

BADEGÄRTEN EIBENSTOCK – *Detailinig*



2. Geising + Böker Architekten

BADEGÄRTEN EIBENSTOCK – Coloured floor plan, internal wall view and facade



2. Geising + Böker Architekten

MULTIFAMILY RESIDENTIAL BUILDING

Description:

This project involves the transformation of a small single-family house into a multi-family residential building plus an annex with 4 flats. The project consists of a total of 17 flats, 4 of which are duplexes.

Part of the challenge of the project was to adapt the existing small building to the new proposed use and maintain the renovation character for the project regulations, as well as to develop the details for the extension and new adaptation of the existing elements evaluating the structural and thermal insulation needs.

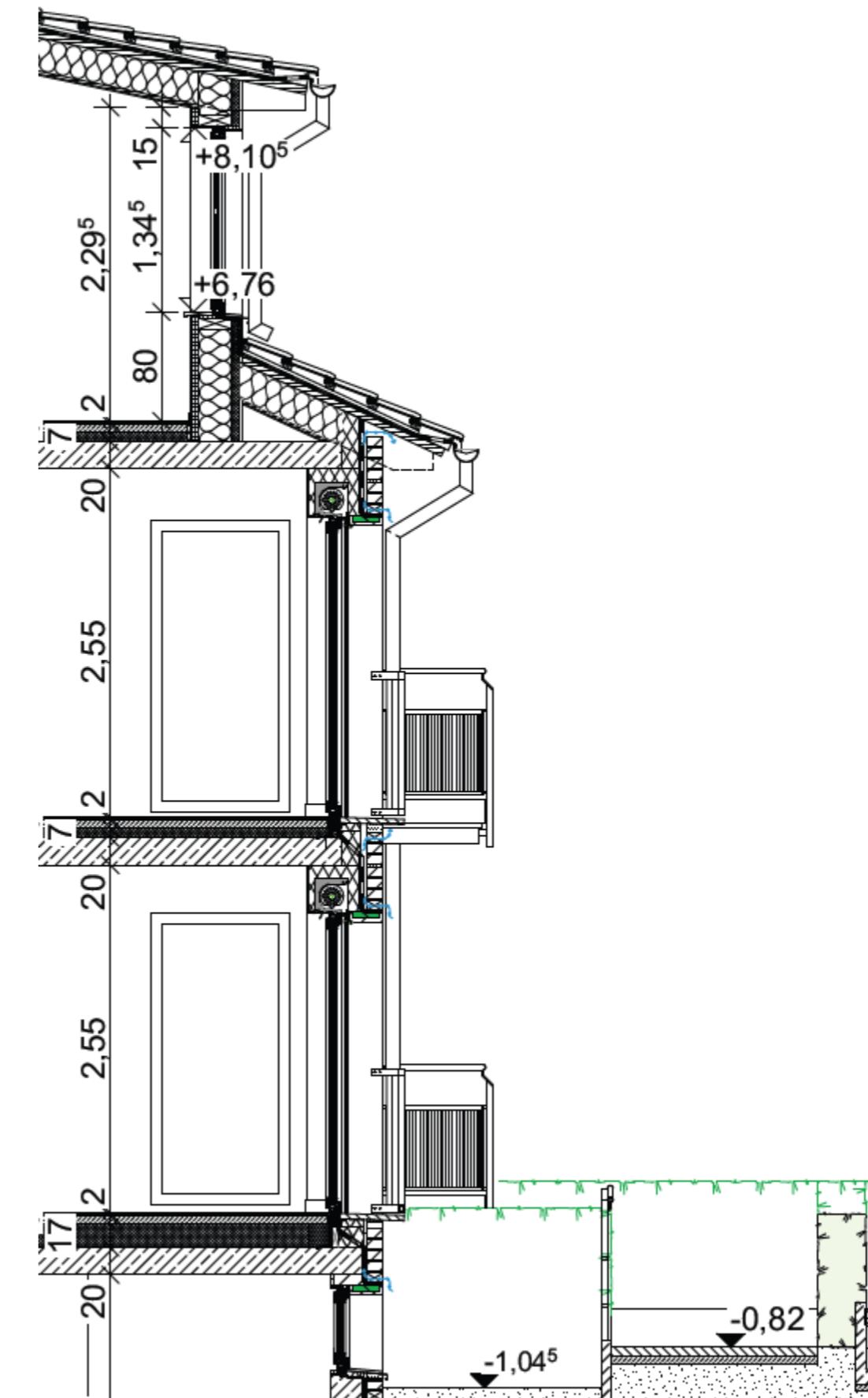
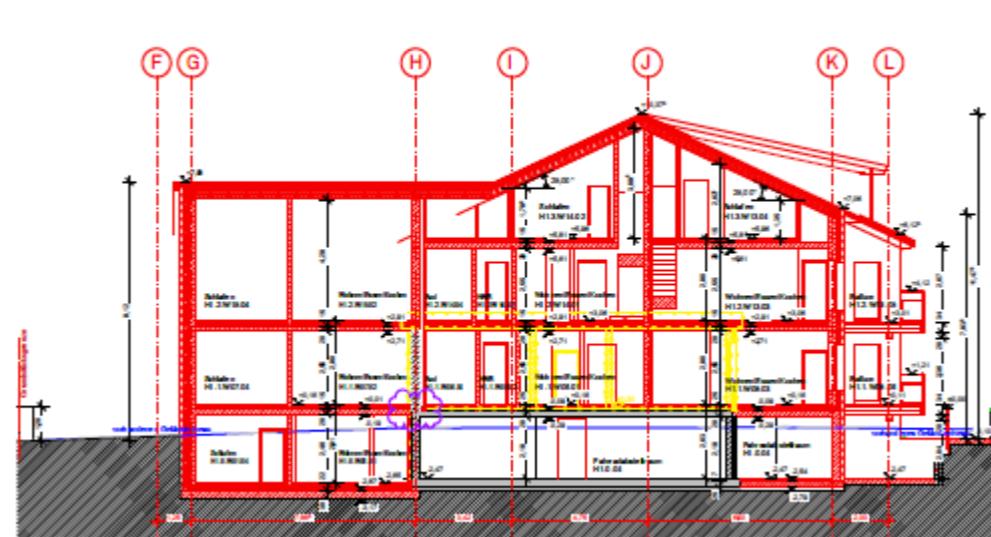
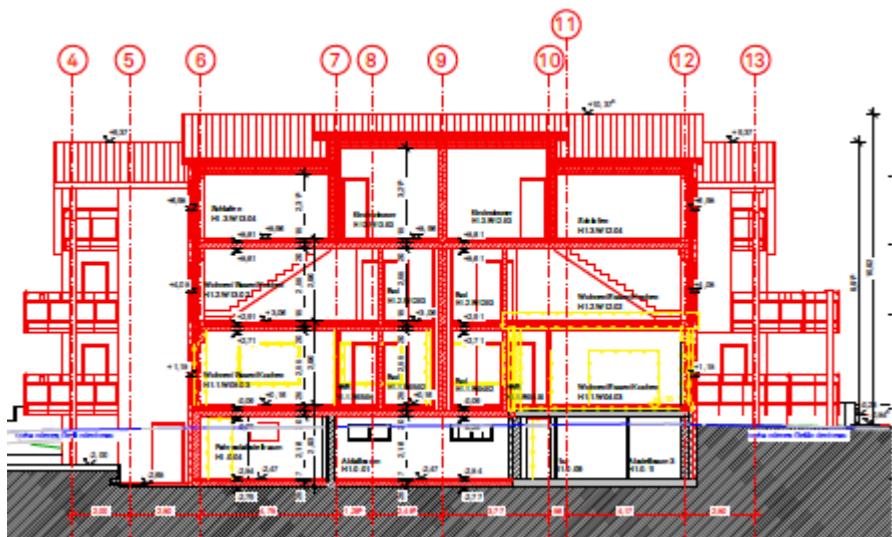
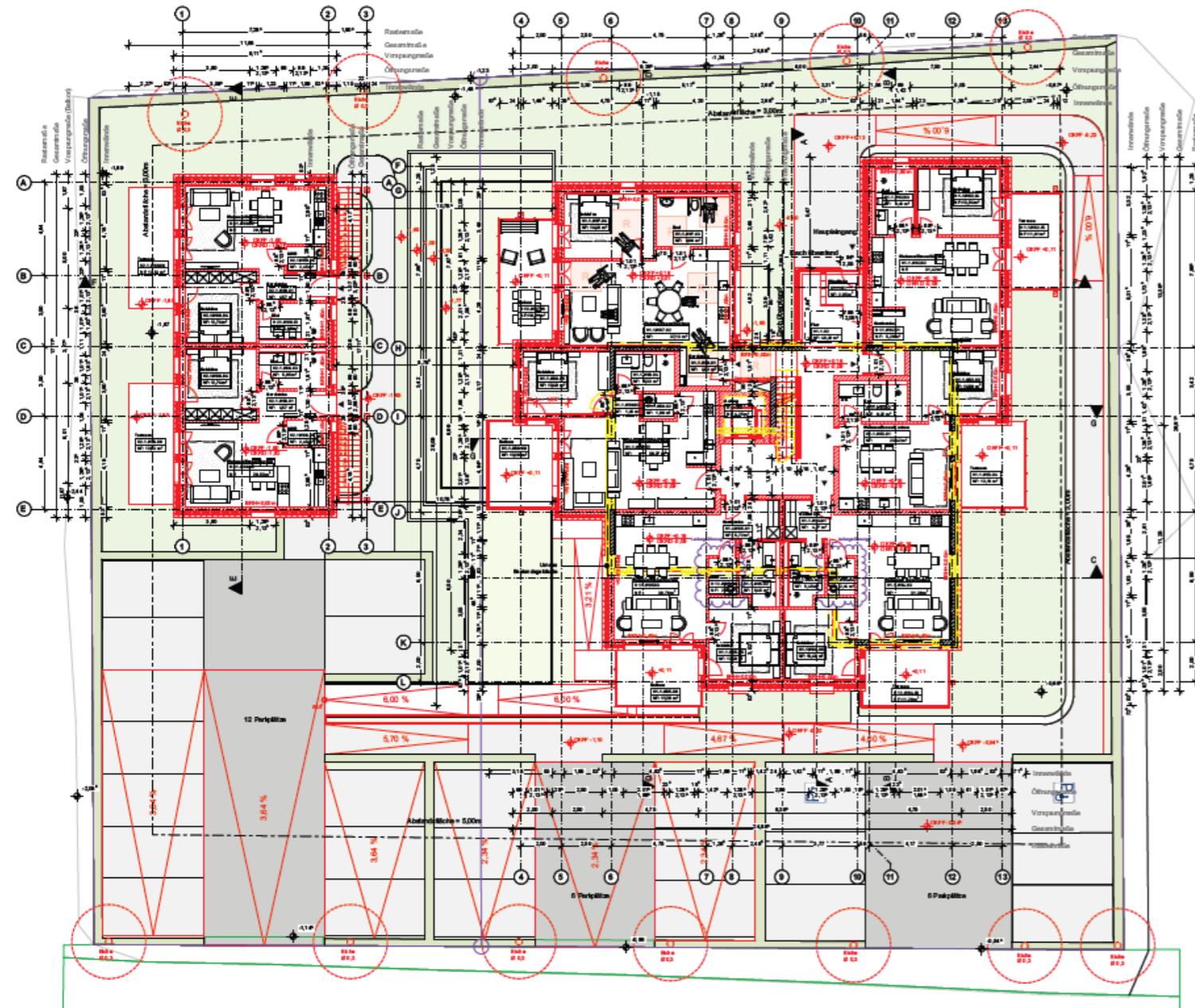
Main activities:

- Conception and study of the possible typologies until approval by the client.
- Creation of floor plans, sections, facades and details with ArchiCAD.
- Modelling of the terrain according to the file received by the surveyor.
- Calculation of areas for approval by the city hall.
- Creation of the 3D images with Lumion using the same BIM model from the technical drawings.



2. Geising + Böker Architekten

MULTIFAMILY RESIDENTIAL BUILDING – Floorplan, Sections and Wall section detail (Simplified)



2. Geising + Böker Architekten

FERIENDORF ALFSEE

Description:

This project is the expansion of a holiday village. The proposal includes land plots, three semi-detached houses and a large retirement building with flats for the elderly, as well as a café and rest facilities.

I was involved from the design development stage. The biggest challenge was to achieve the sales area and the number of plots requested by investors without creating a monotonous plan. The first images of the concept were made using the sketch effect, giving the client the feeling that all decisions are not fixed and the design is open for improvement in the next stages of the project.

Main activities:

- Development of street divisions and allotments.
- Calculation of areas to equate the sales area with the economic reality and goals of the investors.
- Elaboration of plans and facades of the retirement building and semi-detached houses.
- Creation of 3D video and images for presentations purposes.



2. Geising + Böker Architekten

FERIENDORF ALFSEE – 3D Visualisations



2. Geising + Böker Architekten

OFFICE BUILDING

Description:

This project is an extension of the previous office building also designed by the firm.

My contribution to this project was in the design planning, adapting some changes after the preliminary meeting with the clients, rethinking the design of the main façade and the floorplan regarding the number of workstations by using open workspace methods in addition with meeting, rest and technical rooms.

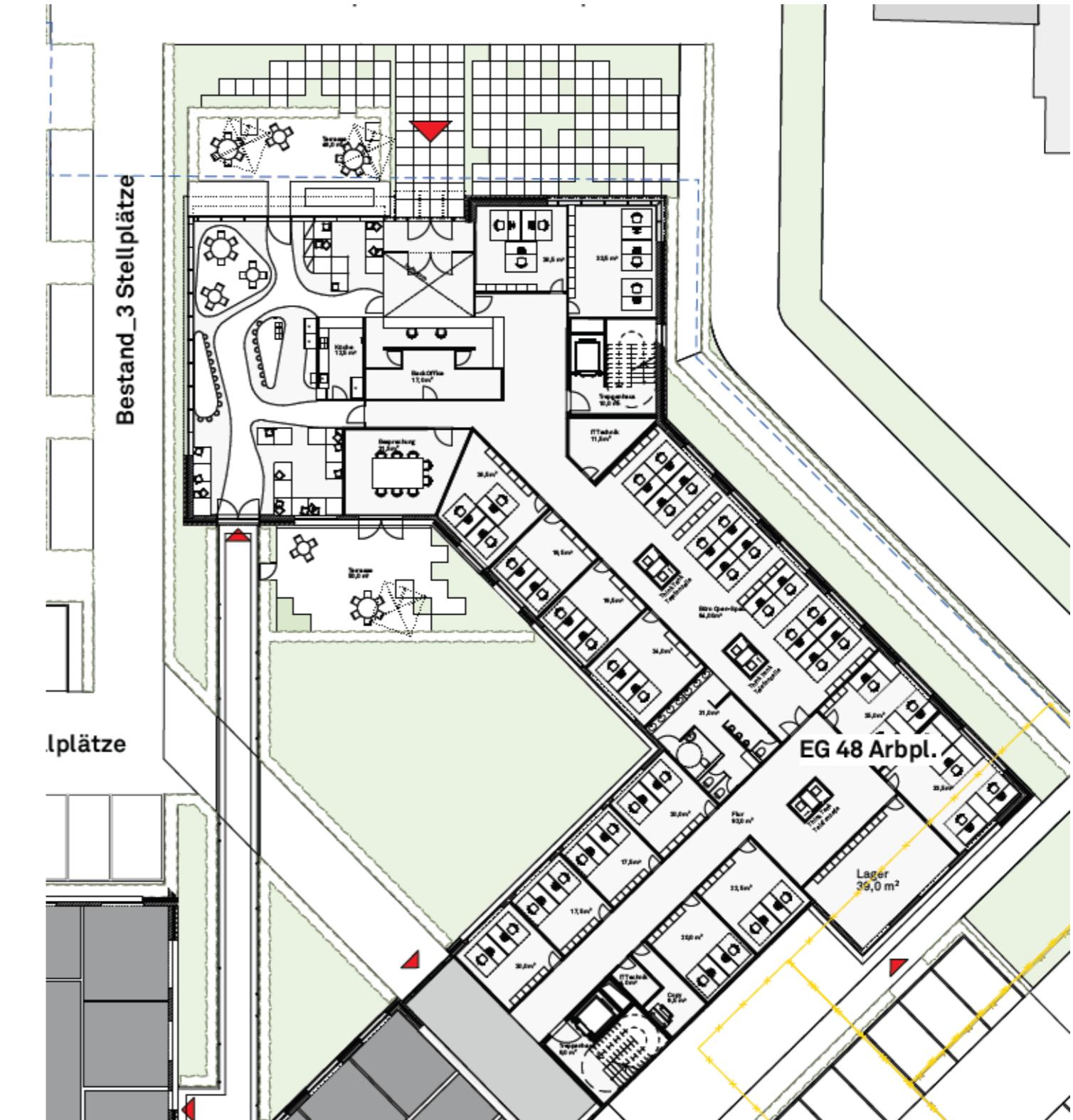
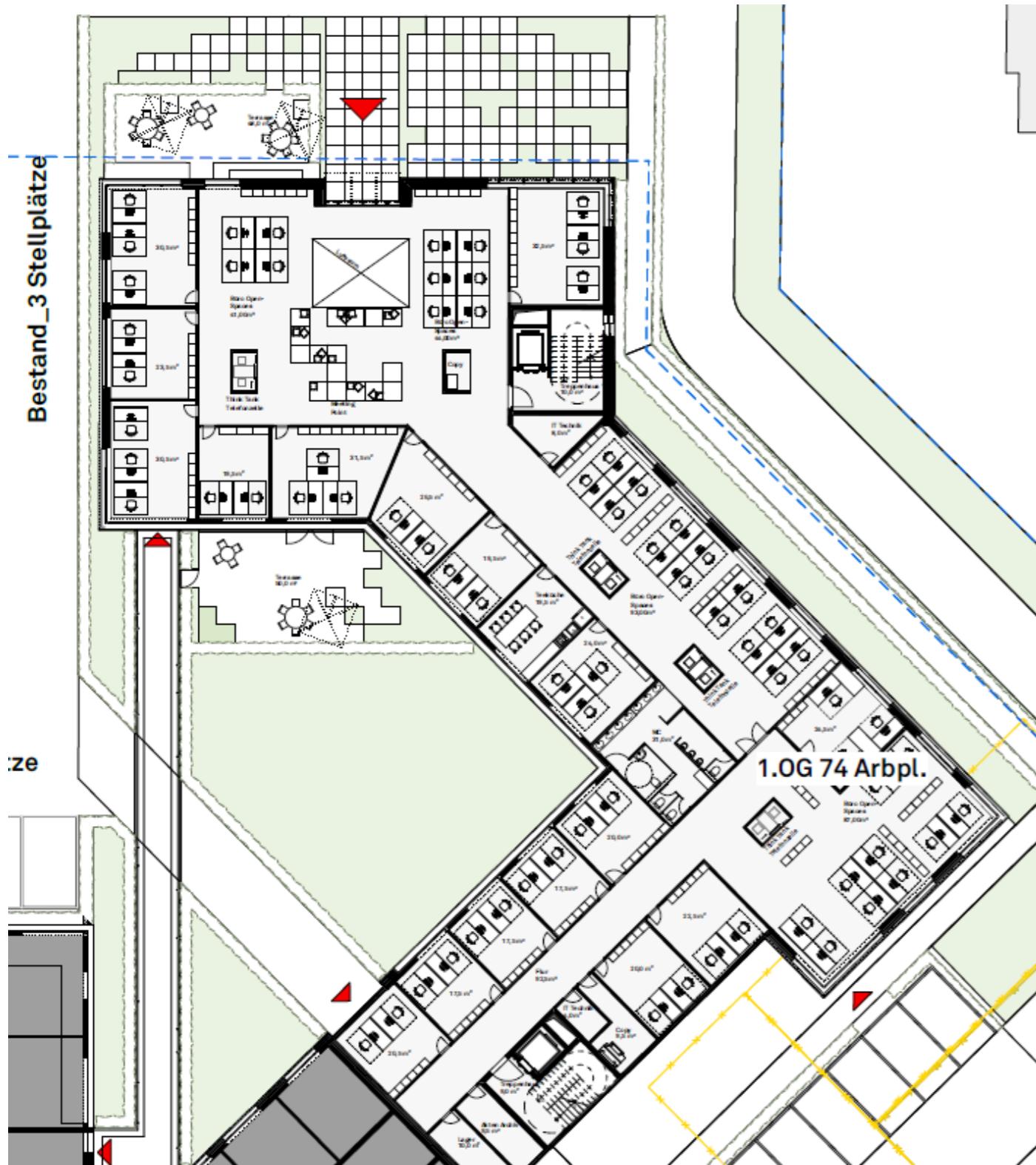
Main activities:

- Elaboration of new workspace floorplans considering all the clients needs.
- Creation of new design for the main facade.
- Creation of 3D video and images for presentations purposes.



2. Geising + Böker Architekten

OFFICE BUILDING – Floor plans



2. Geising + Böker Architekten

OFFICE BUILDING – 3D Visualisation



3. Elizabeth Lira Arquitetura

ALTO MAR APARTMENT

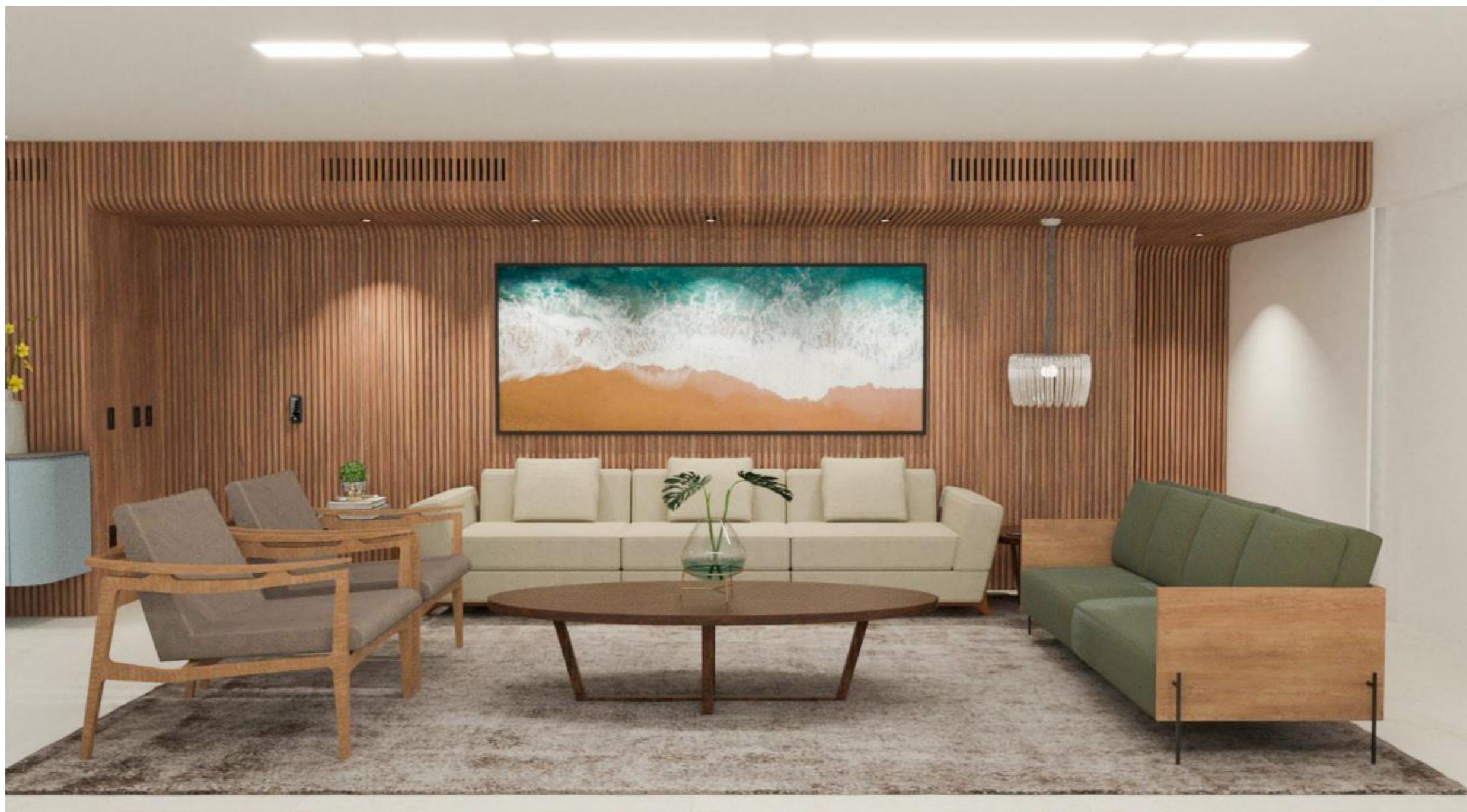
Description:

This apartment is located in the most prestigious beach in Maceió, BRAZIL. Each floor is one apartment. We did all the interior, detailing and construction supervision for the 5th floor apartment.

My participation was with regard to design decisions from the beginning, as well as drawing the floor plans, sections and details with AutoCAD, the 3D modeling of all spaces with Sketchup and Blender, the renderings with V-ray and the post production with Photoshop.

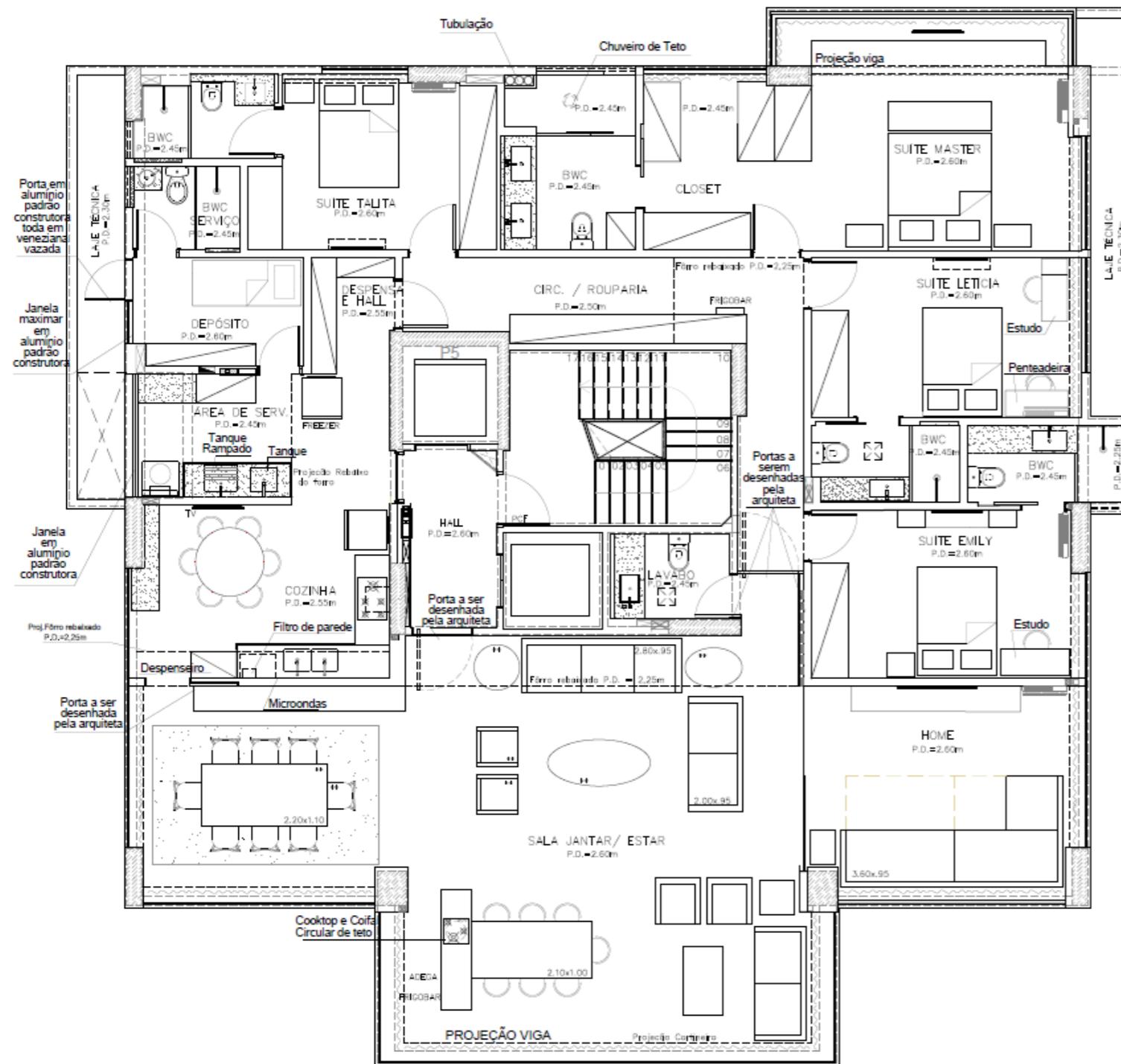
Main activities:

- Interior design conception, furniture design and lighting design.
- Detailing of all the elements to be built.
- Development of renovation plans.
- Creation of 3d images for presentations purposes.
- Visits to the site to monitor the progress of the works.
- Participating in meetings with clients, engineers and suppliers.

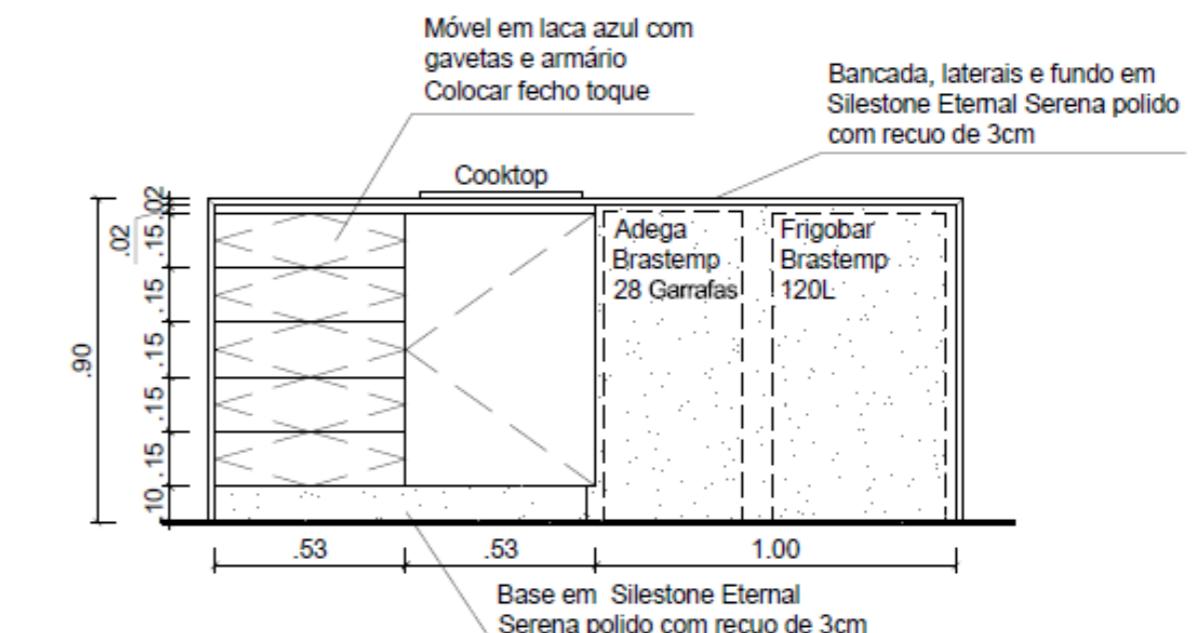


3. Elizabeth Lira Arquitetura

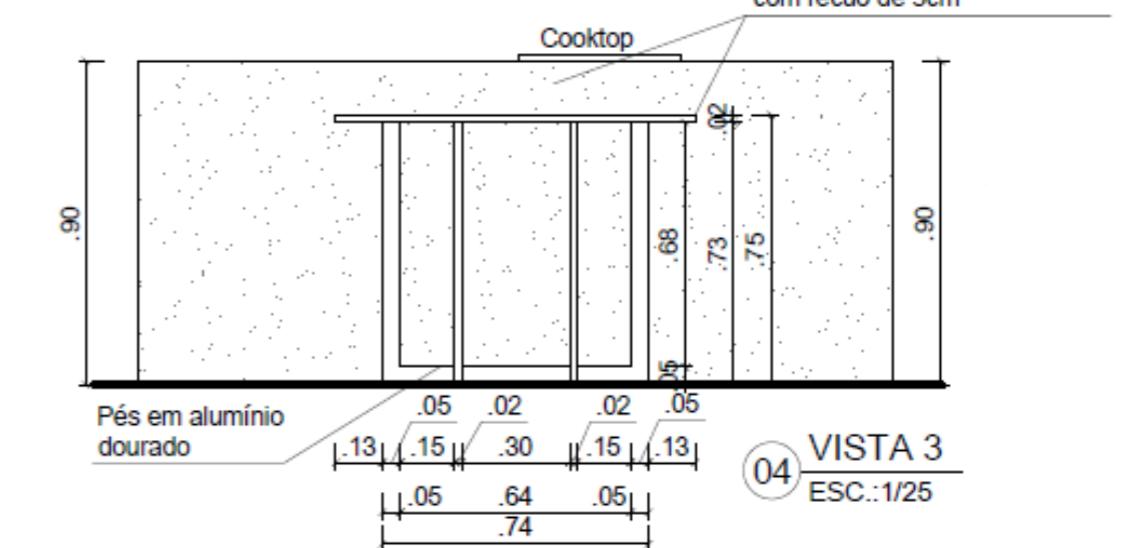
ALTO MAR APARTMENT – Plans and Detailing



FLOOR PLAN



02 VISTA 1
ESC.:1/25
Bancada, laterais e fundo em Silestone Eternal Serena polido com recuo de 3cm

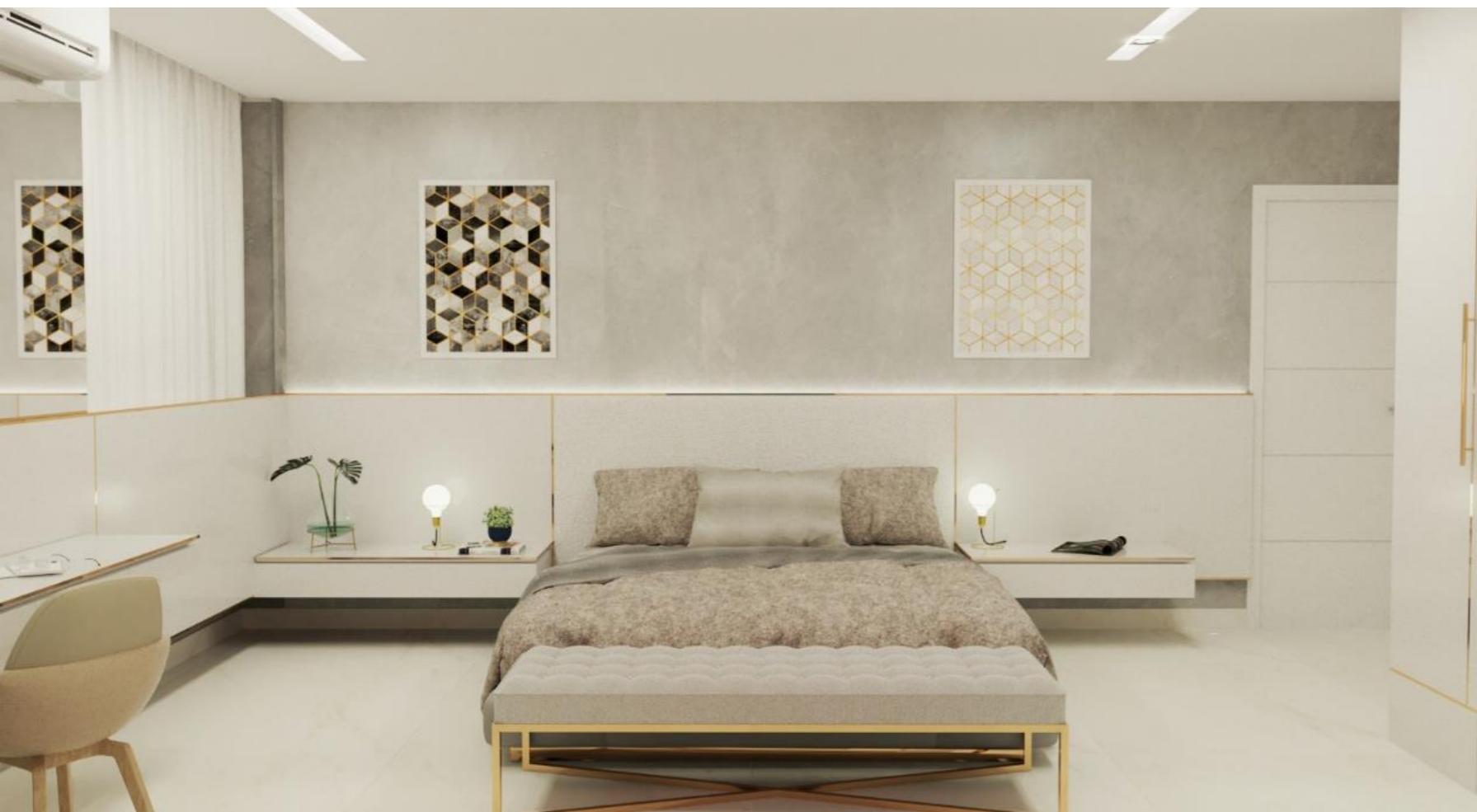


04 VISTA 3
ESC.:1/25
Bancada, laterais e fundo em Silestone Eternal Serena polido com recuo de 3cm

DETAILING

3. Elizabeth Lira Arquitetura

ALTO MAR APARTMENT – 3D Visualisations



3. Elizabeth Lira Arquitetura

ALTO MAR APARTMENT – *Photos*



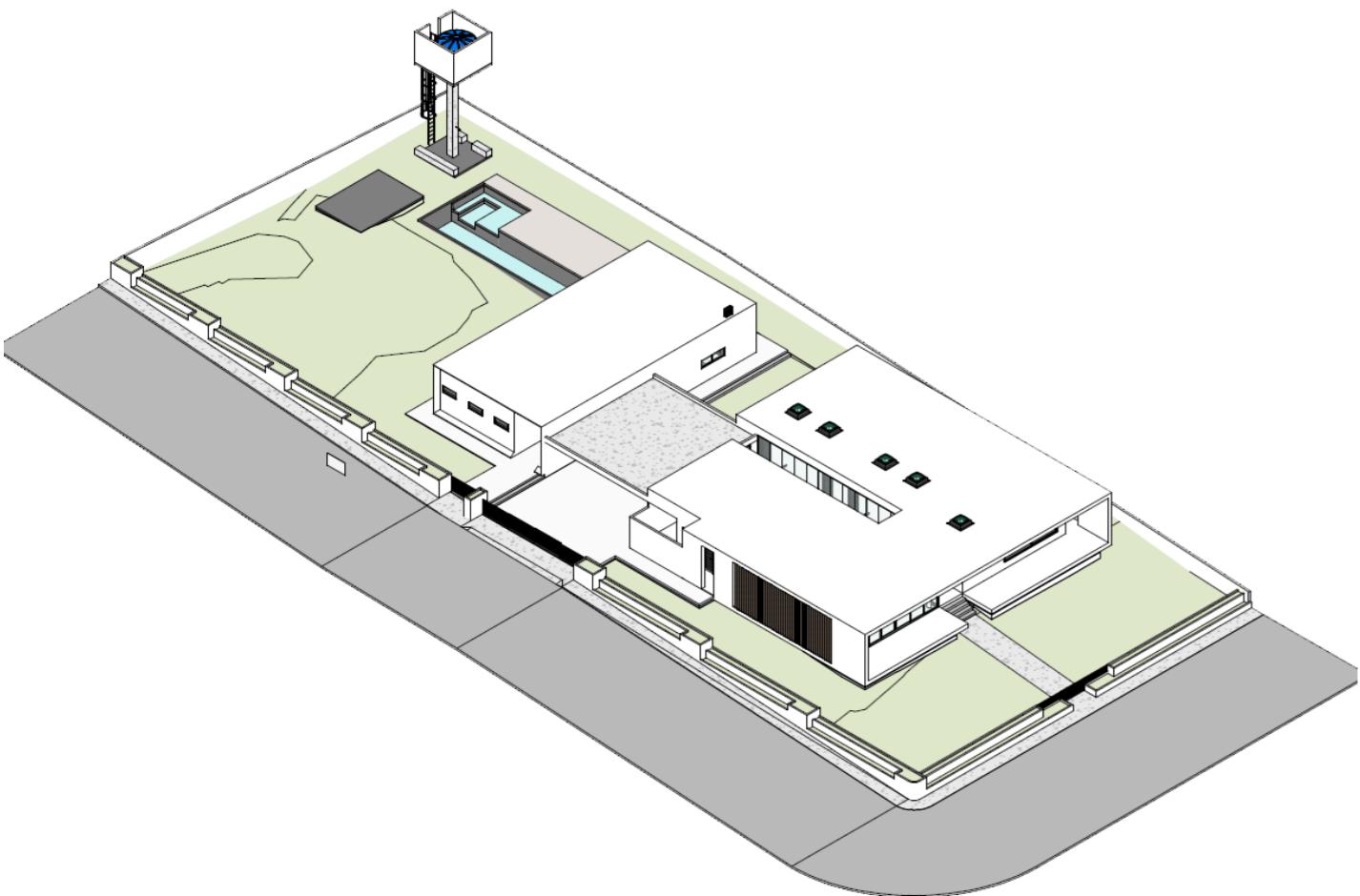
3. Elizabeth Lira Arquitetura

VALE DAS GARÇAS HOUSE

Description:

This house is located in the city of Arapiraca 130km from the capital. The climate there is very hot and dry so we use large eaves in all directions creating large and comfortable terraces and keeping the interior of the house protected from direct insolation. Other important aspect of the house are the gardens in every sector of the house, helping with the humidity and creating beautiful views inside the house.

This was the first Project from the office designed completely with BIM, from the initial studies to the construction details (Revit). I proposed that we do all the modelling from the start with Revit, which soon proved to be a wise decision. We had problems with the topographical survey that was done wrong twice and when the site engineer did the survey one third time there were still some differences in level. With the use of BIM this differences were easily corrected in all plans simultaneously. As the shape of the house was unusual for the local workers, we had to follow closely the construction with constant visits to the construction site and meetings with engineers, foremen and suppliers.



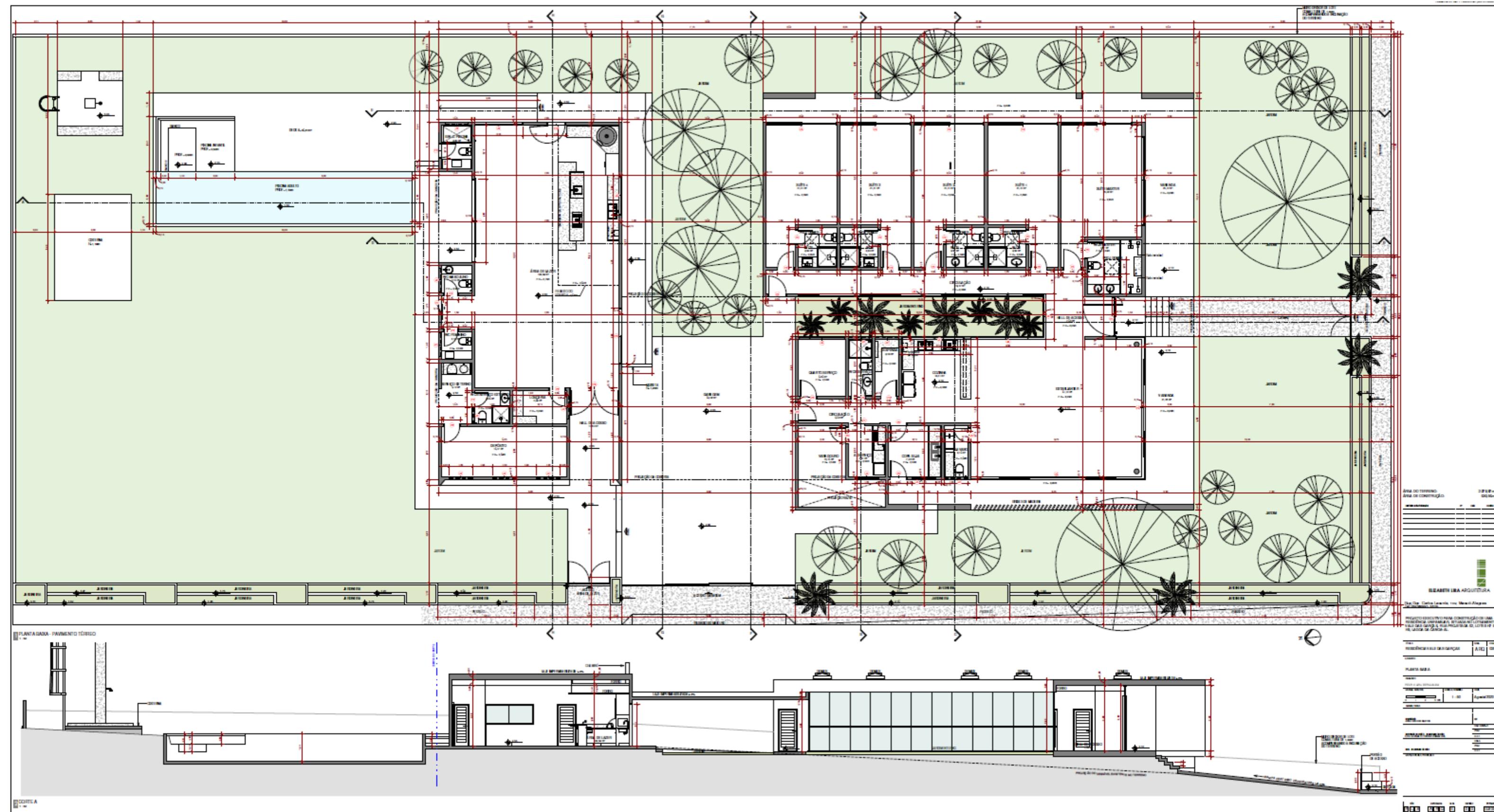
Main activities:

- Interior and exterior design conception, furniture design, lighting design and Landscaping.
- Detailing of all construction elements and fixed furniture.
- Creation of 3d images for presentations purposes.
- Visits to the site to monitor the progress of the works.
- Participating in meetings with clients, engineers and suppliers.



3. Elizabeth Lira Arquitetura

VALE DAS GARÇAS HOUSE – *Floorplan and Section*



3. Elizabeth Lira Arquitetura

VALE DAS GARÇAS HOUSE - 3D Visualisations



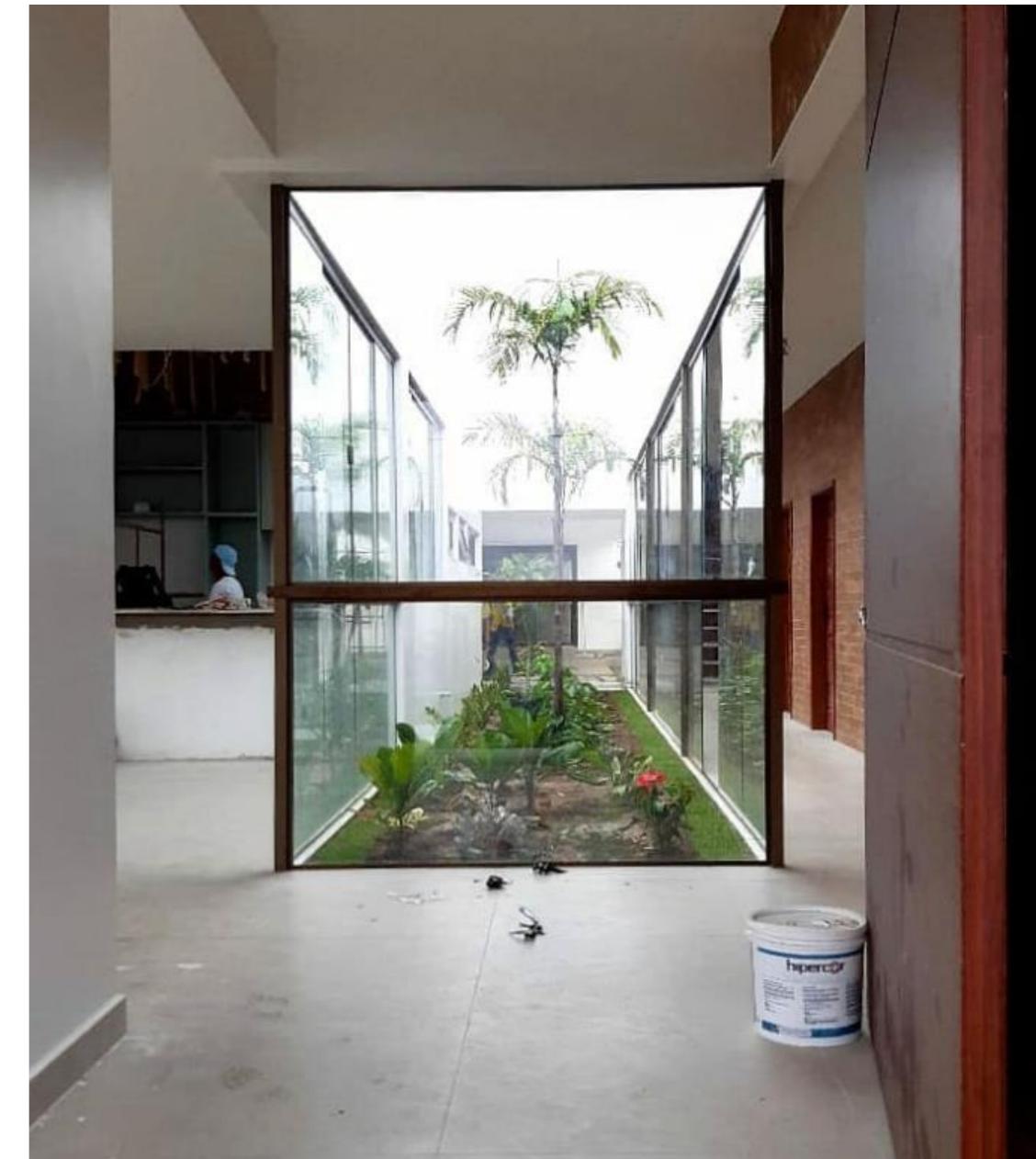
3. Elizabeth Lira Arquitetura

VALE DAS GARÇAS HOUSE - *Photos*



3. Elizabeth Lira Arquitetura

VALE DAS GARÇAS HOUSE - *Photos*



3. Elizabeth Lira Arquitetura

OURO VERDE RESIDENCE

Description:

This house with more than 1.200,00 m² was a challenge due to the client's high demand for internal areas and connections with nature. Many studies were done, being the final one, a big pavilion with hanging gardens and a big wooden deck in the setback space (this setback is a regulation requirement). We thought that the side setback was a big waste of space, so we made a deck with a garden that is flanked by a long circulation with glass walls, this way the view from the deck and the garden can be enjoyed while walking in the house. In the middle of the upper floor there is also a big roofless garden so that the users can see the stars at night and enjoy a rest in a milder and more pleasant climate.

I worked on the conception of the project and participated in all the meetings with the client and the engineer to arrive at a viable solution that would please everyone.

The modeling of the residence was done with Revit and the renderings with Lumion.

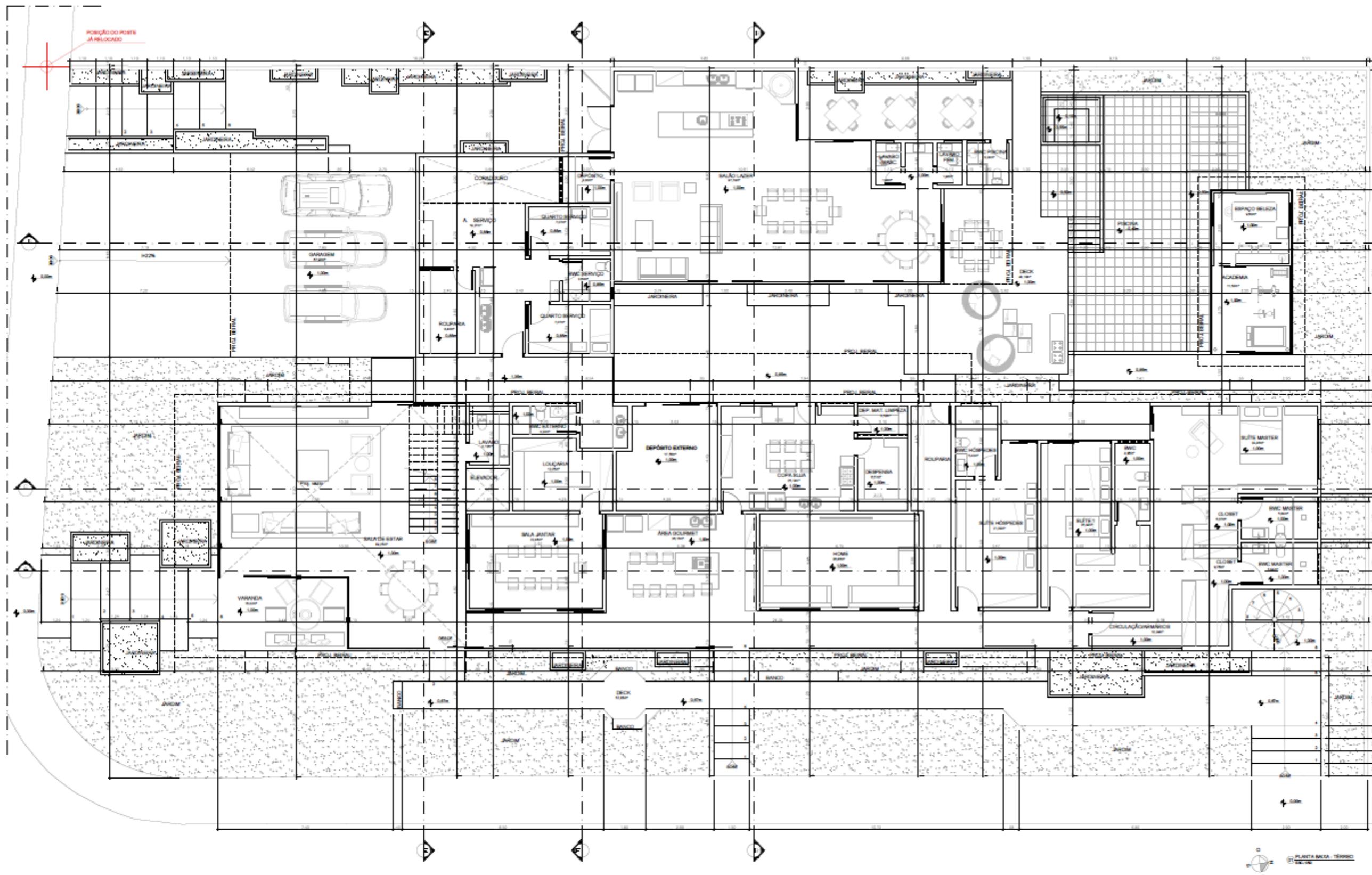
Main activities:

- Interior and exterior design conception, furniture design, lighting design and Landscaping.
- Detailing of all construction elements and fixed furniture.
- Creation of 3d images for presentations purposes.
- Participating in meetings with clients, engineers and suppliers.



3. Elizabeth Lira Arquitetura

OURO VERDE RESIDENCE – *Floor plan*



3. Elizabeth Lira Arquitetura

OURO VERDE RESIDENCE - 3D Visualisations



3. Elizabeth Lira Arquitetura

OURO VERDE RESIDENCE - Photos



4. Adriano Moura Arquitetos

NEW TIME BUILDING

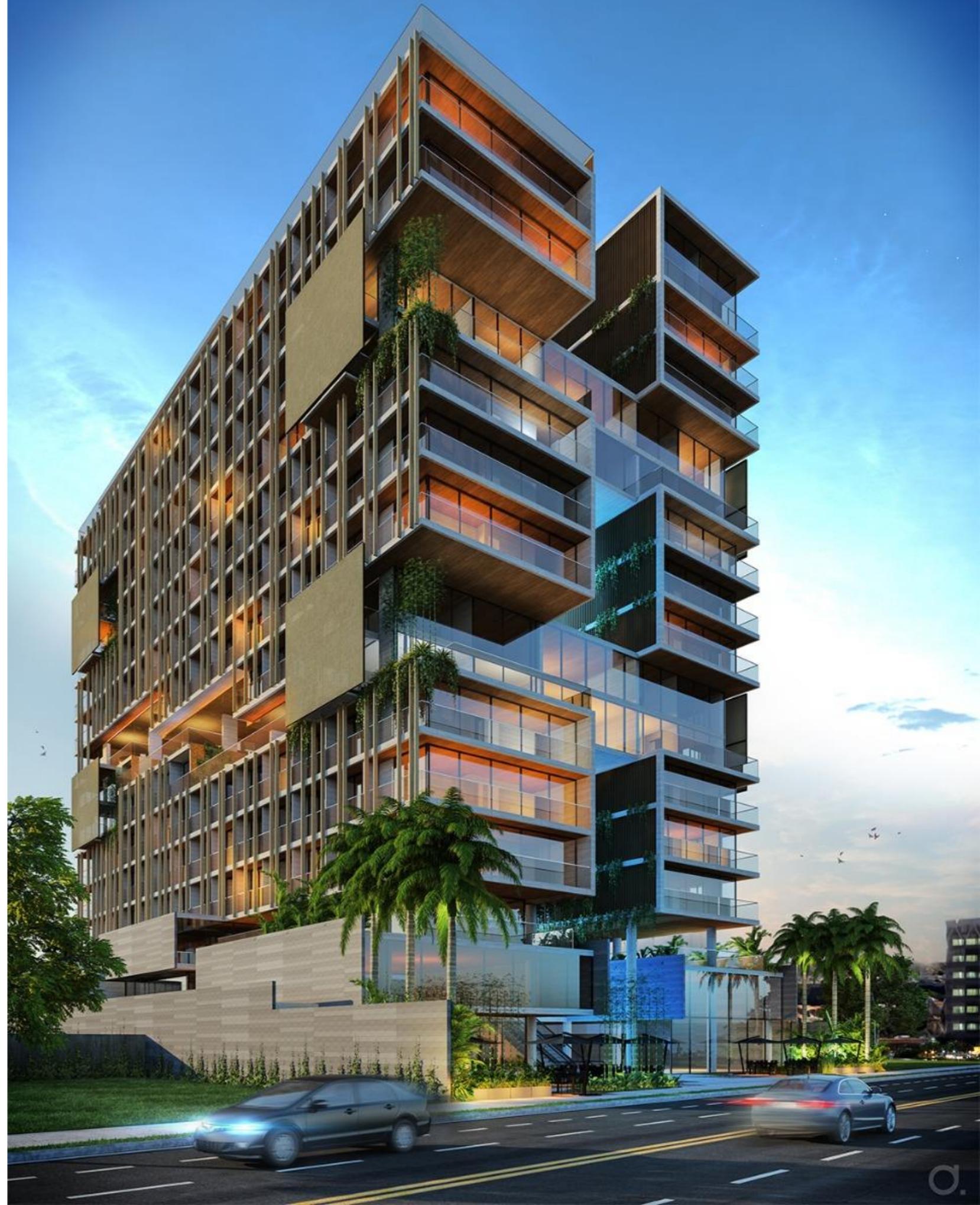
Description:

This multifunctional complex is located on one of the most prestigious urban beaches in the city. The first two floors are for commercial or service purposes, the third floor is a common area for the leisure of the building users, and from the 4th to the 15th floor there are apartments, being most of them studios.

One of the big challenges of this project was to adapt all the sales area needs of the client to an innovative design and the legal restrictions. We made several schematics and calculations of area with Revit until we finally get to an innovative and viable solution.

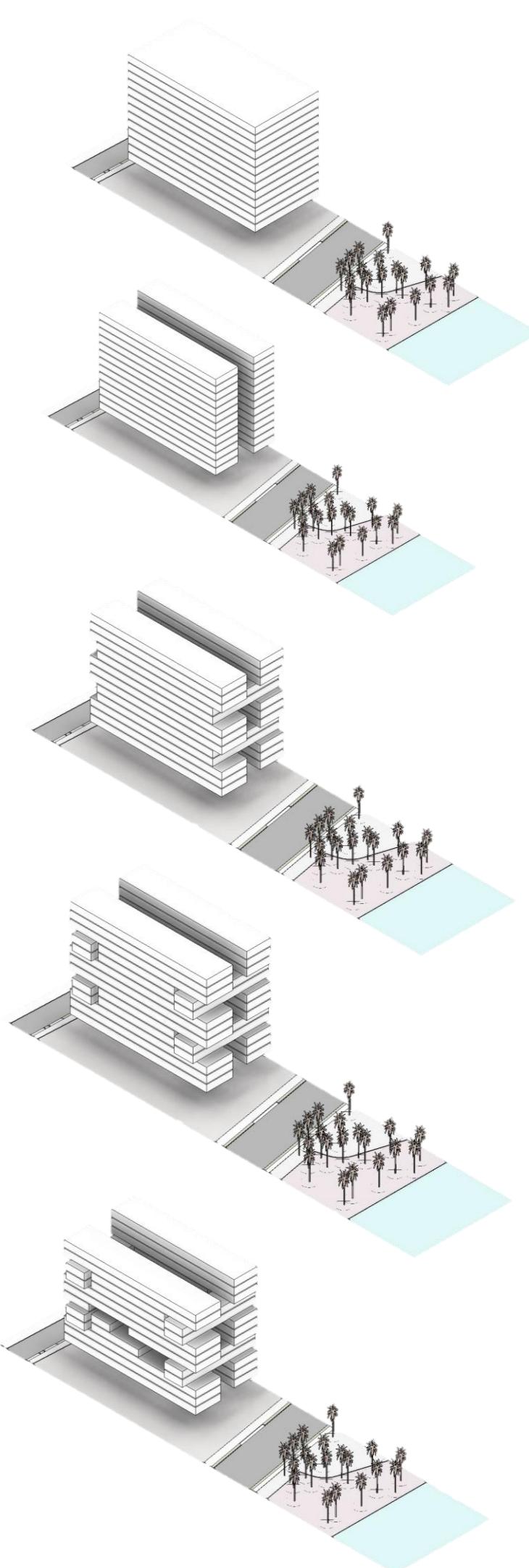
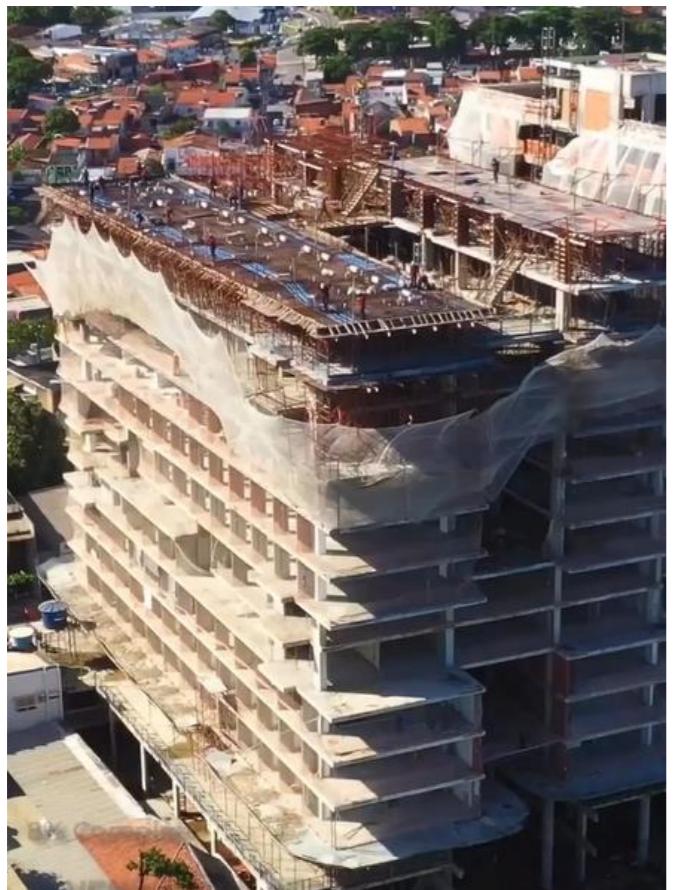
Main activities:

- Initial concept.
- Elaboration of the floor plans according to the legislation.
- Adjustments based on the client's needs and goals.
- Diagrams showing the calculations of the areas.
- Development of the first conceptual images using Lumion.



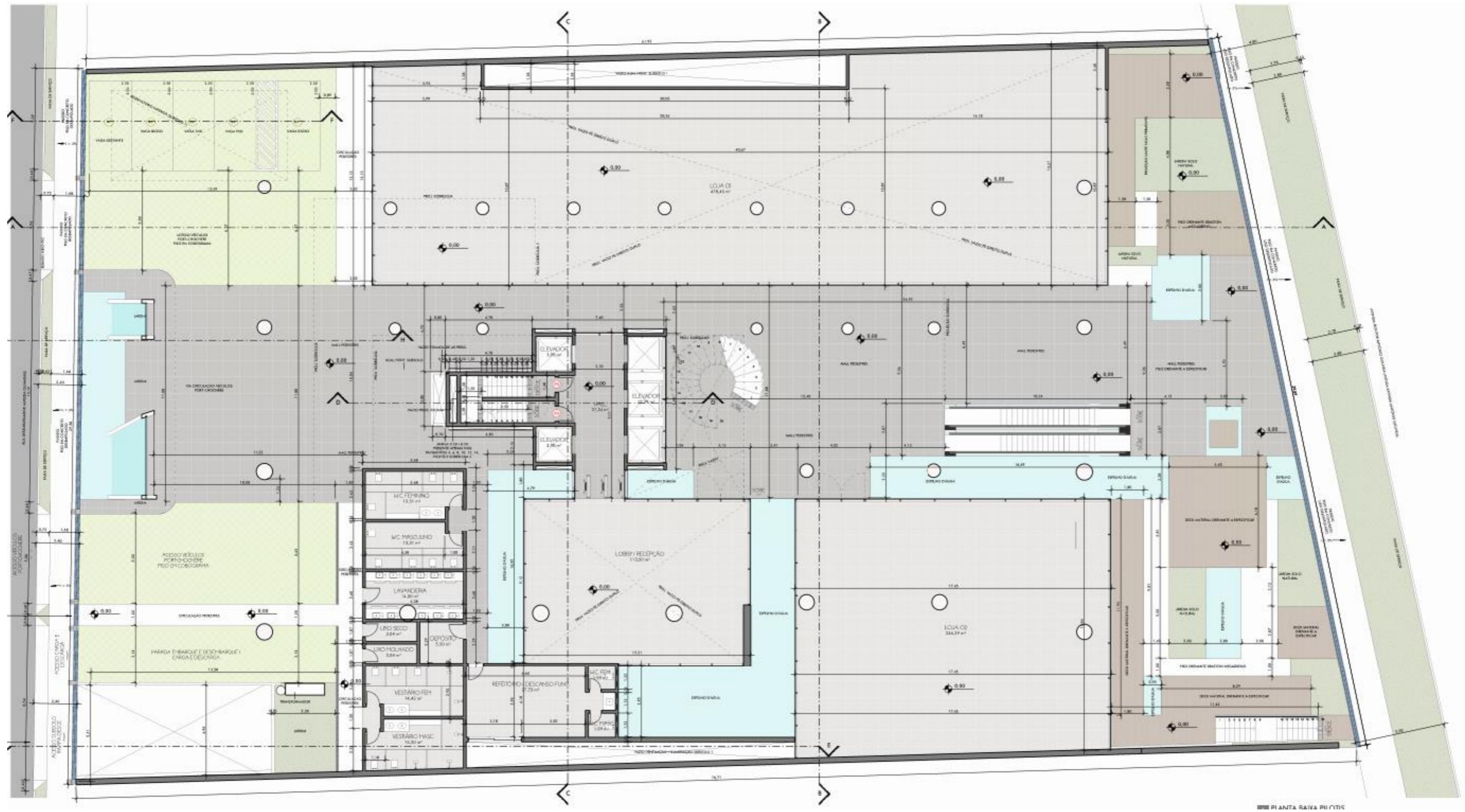
4. Adriano Moura Arquitetos

NEW TIME BUILDING – *Construction photos and shape diagram*



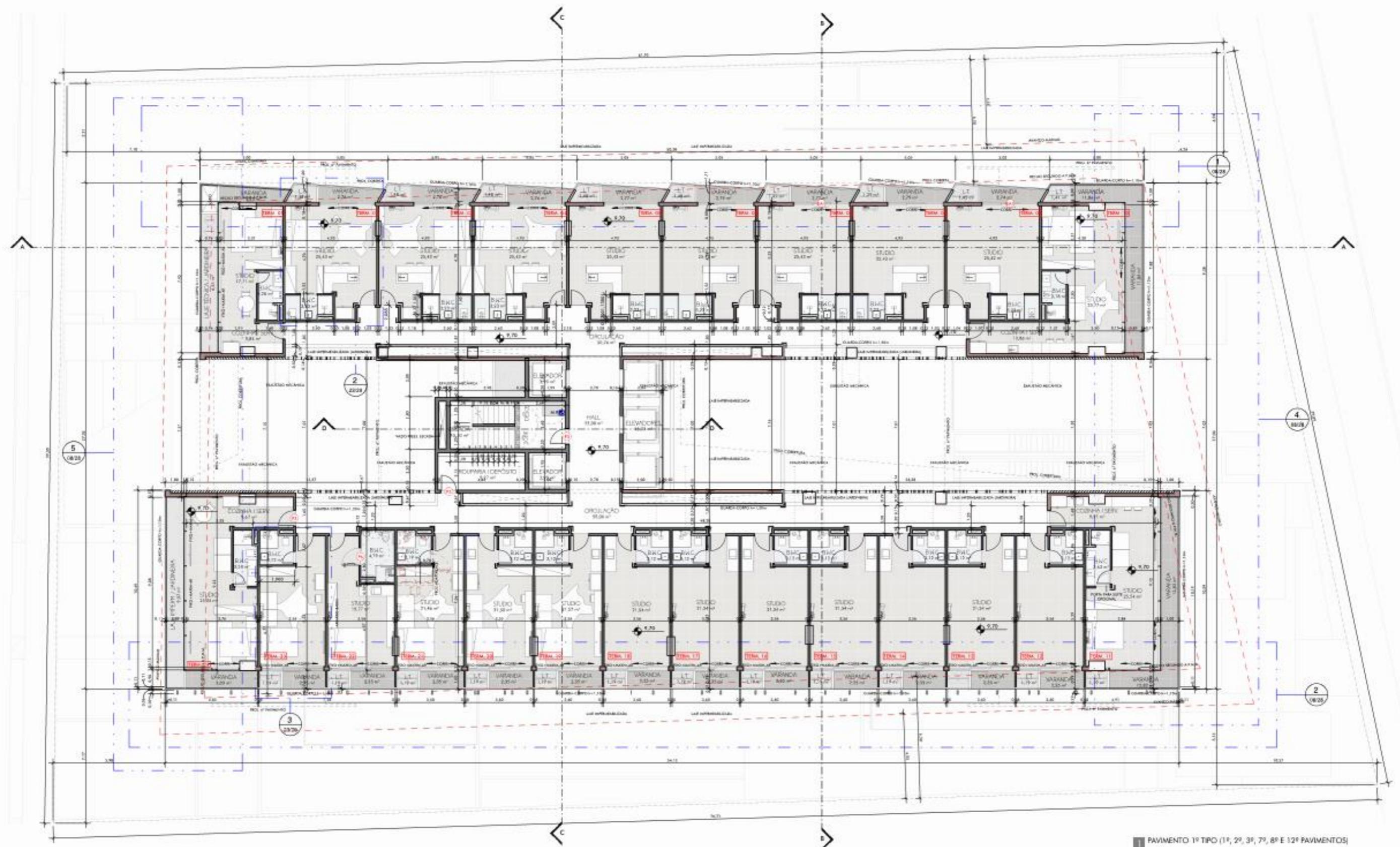
4. Adriano Moura Arquitetos

NEW TIME BUILDING – *Floor Plan ground floor*



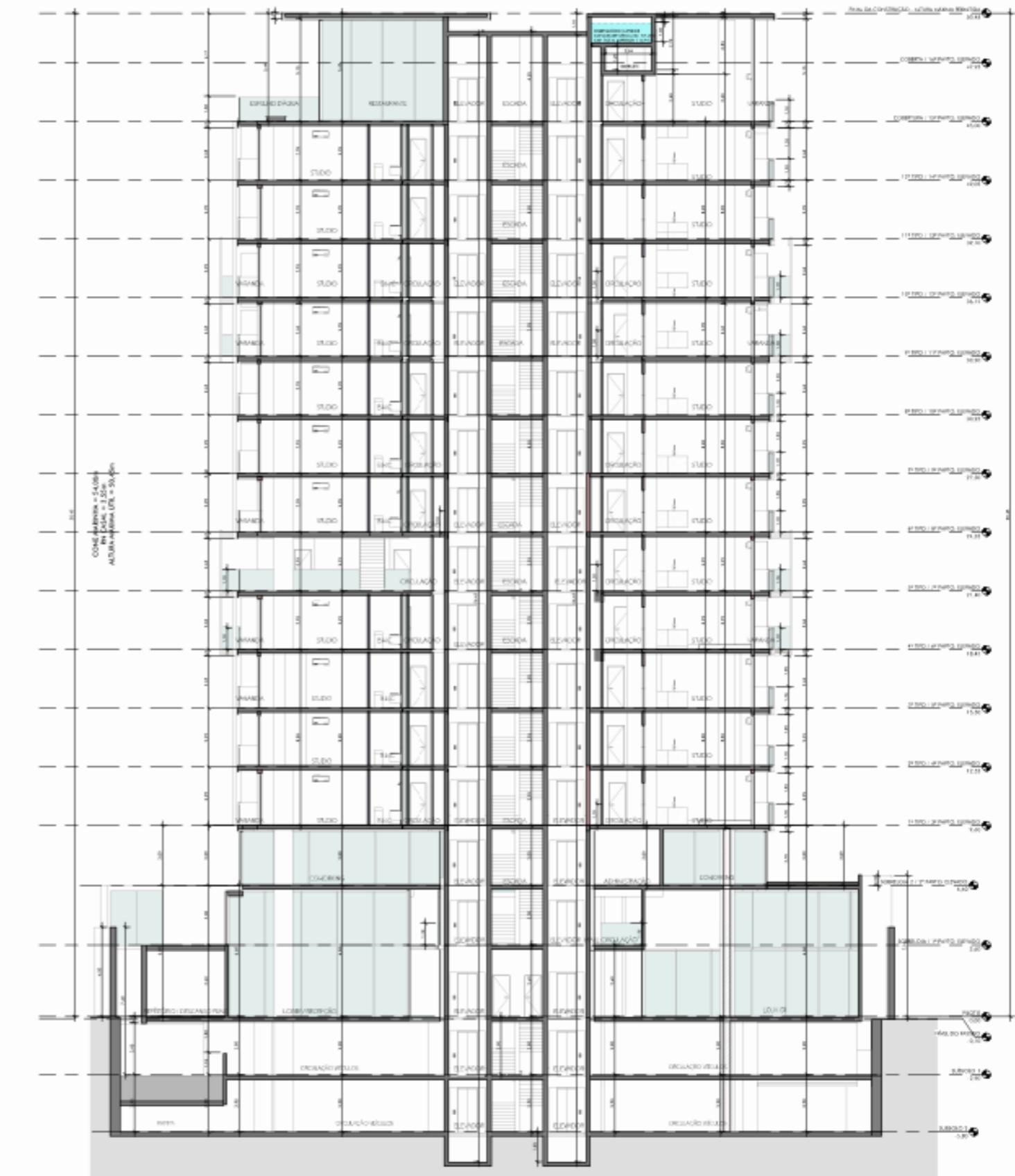
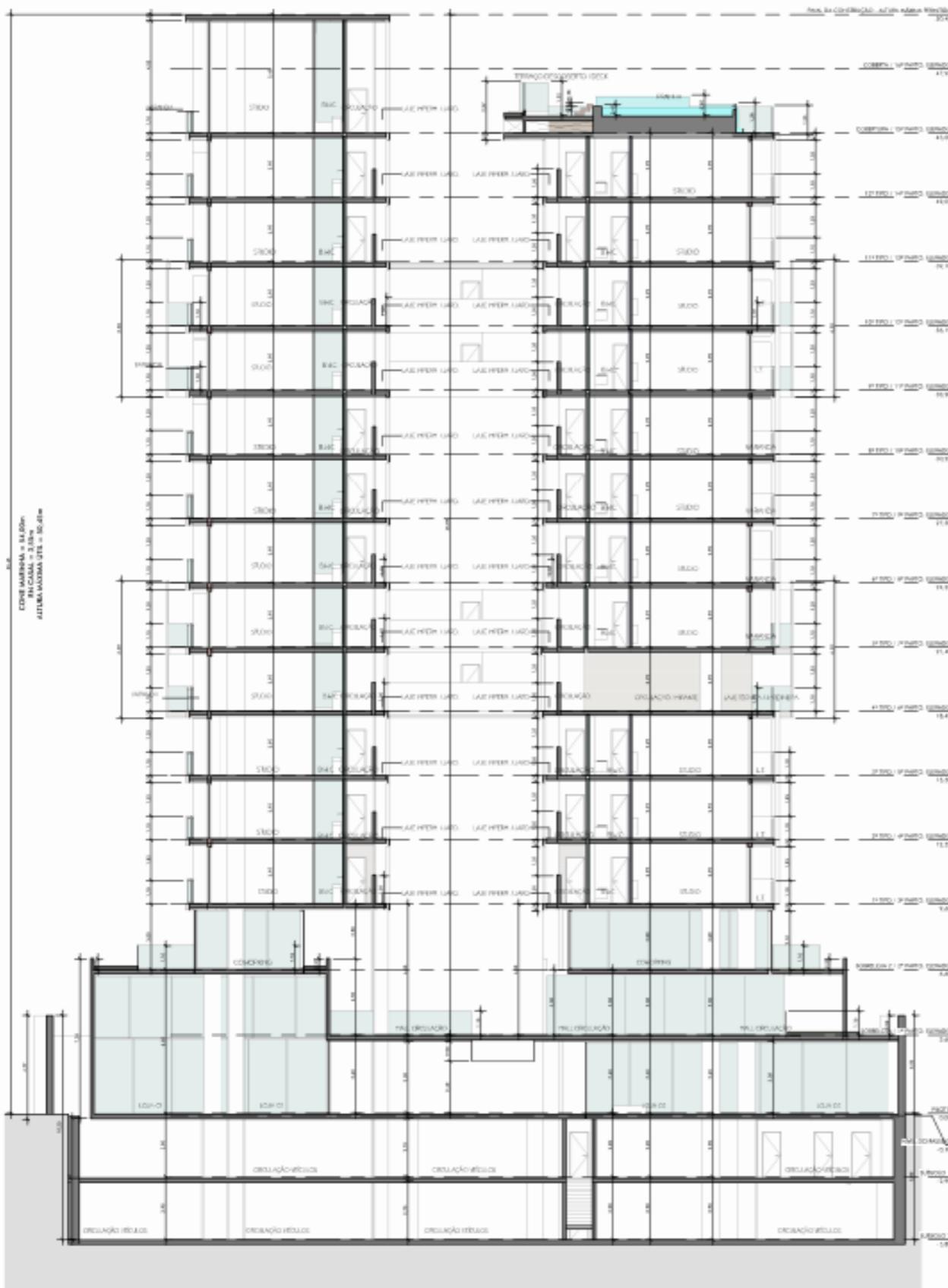
4. Adriano Moura Arquitetos

NEW TIME BUILDING – Floor Plan typical floor



4. Adriano Moura Arquitetos

NEW TIME BUILDING – *Sections*



4. Adriano Moura Arquitetos

VELAR BUILDING

This project takes place in the main expansion area of the city's coast. The complex consists of two residential towers and an unusually shaped commercial building in the back (where the Highway passes).

Main activities:

- Initial concept.
- Elaboration of the floor plans according to the legislation.
- Adjustments based on the client's needs and goals.
- Diagrams showing the calculations of the areas.
- Development of the first conceptual images using Lumion.



4. Adriano Moura Arquitetos

VELAR BUILDING - 3D Visualisations and apartments floor plan



5. FGMF Arquitetos

During my one year full time internship at FGMF Architects, my main tasks were site related. This included visiting the site, reporting on the progress of the project, talking to the engineers, reporting any problems to the project team so that we could find solutions, surveying, talking to suppliers and attending project meetings with clients, engineers and other architects.

Other work I did at FGMF Architects but that was not my main job: furniture detailing (Autocad) and presentations (PowerPoint).

During that time I was visiting four houses and one flat interior. The main projects were the following:

FEREZINI HOUSE



5. FGMF Arquitetos

NEBLINA HOUSE

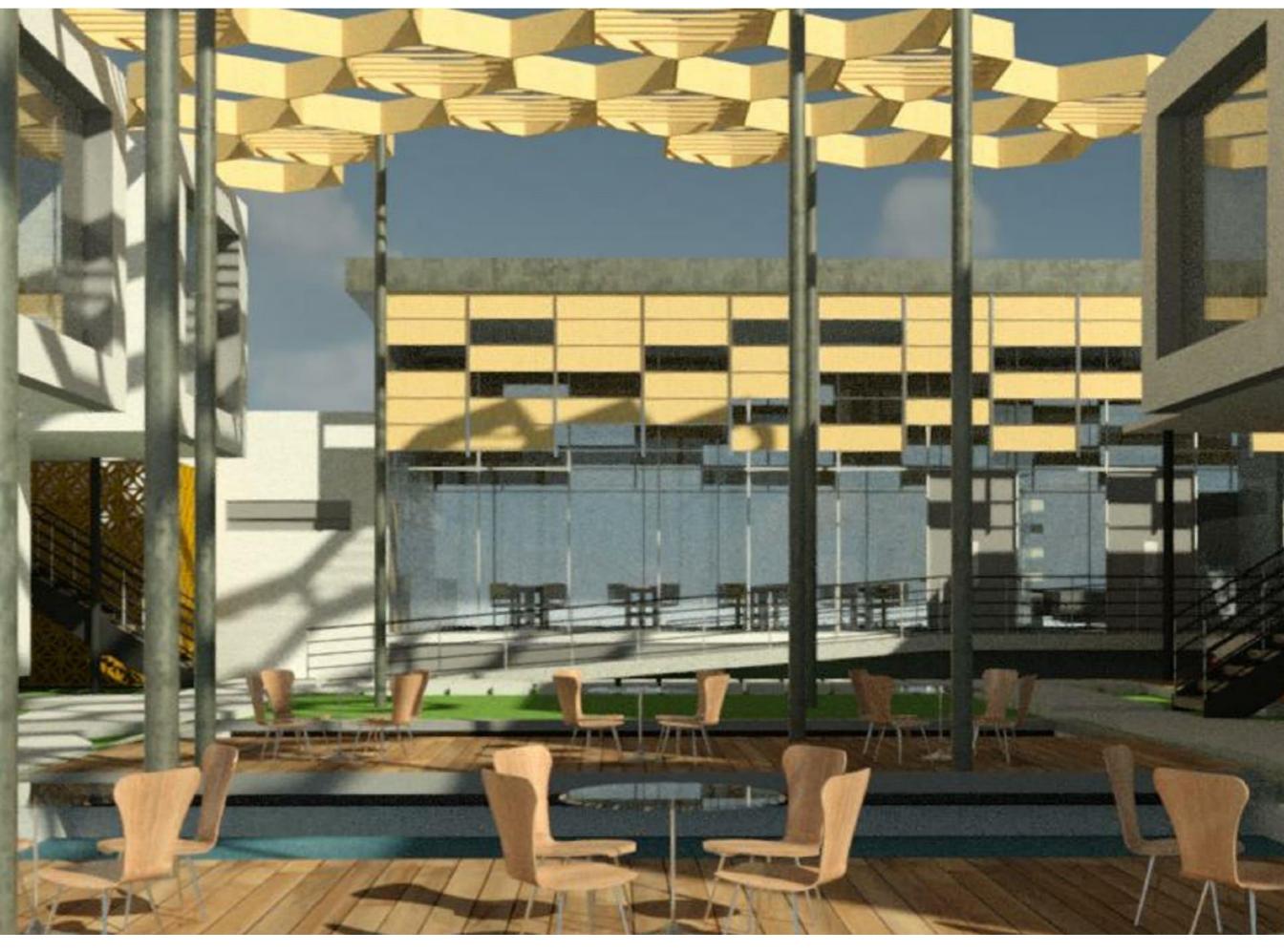


5. FGMF Arquitetos

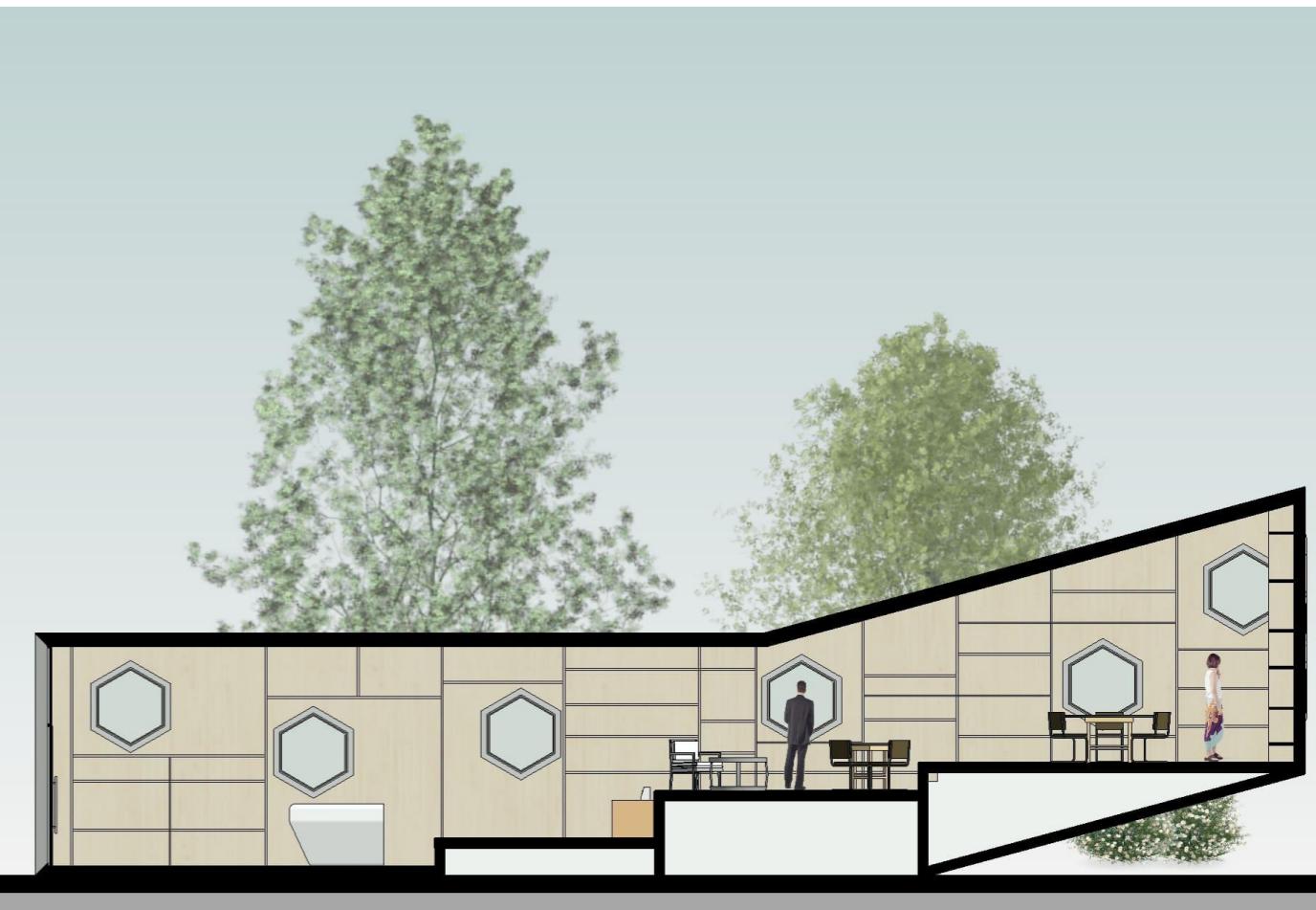
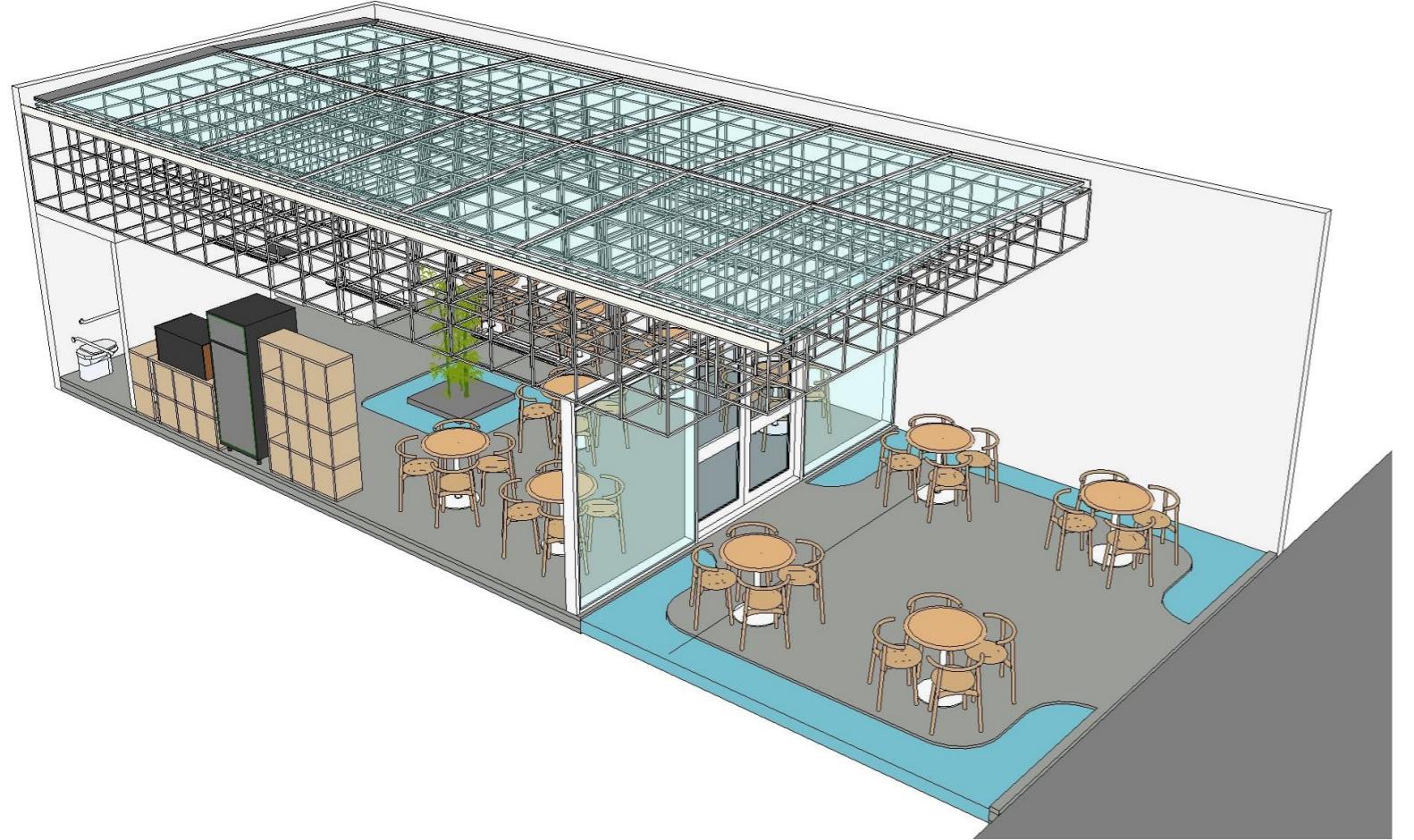
JORDÃO HOUSE



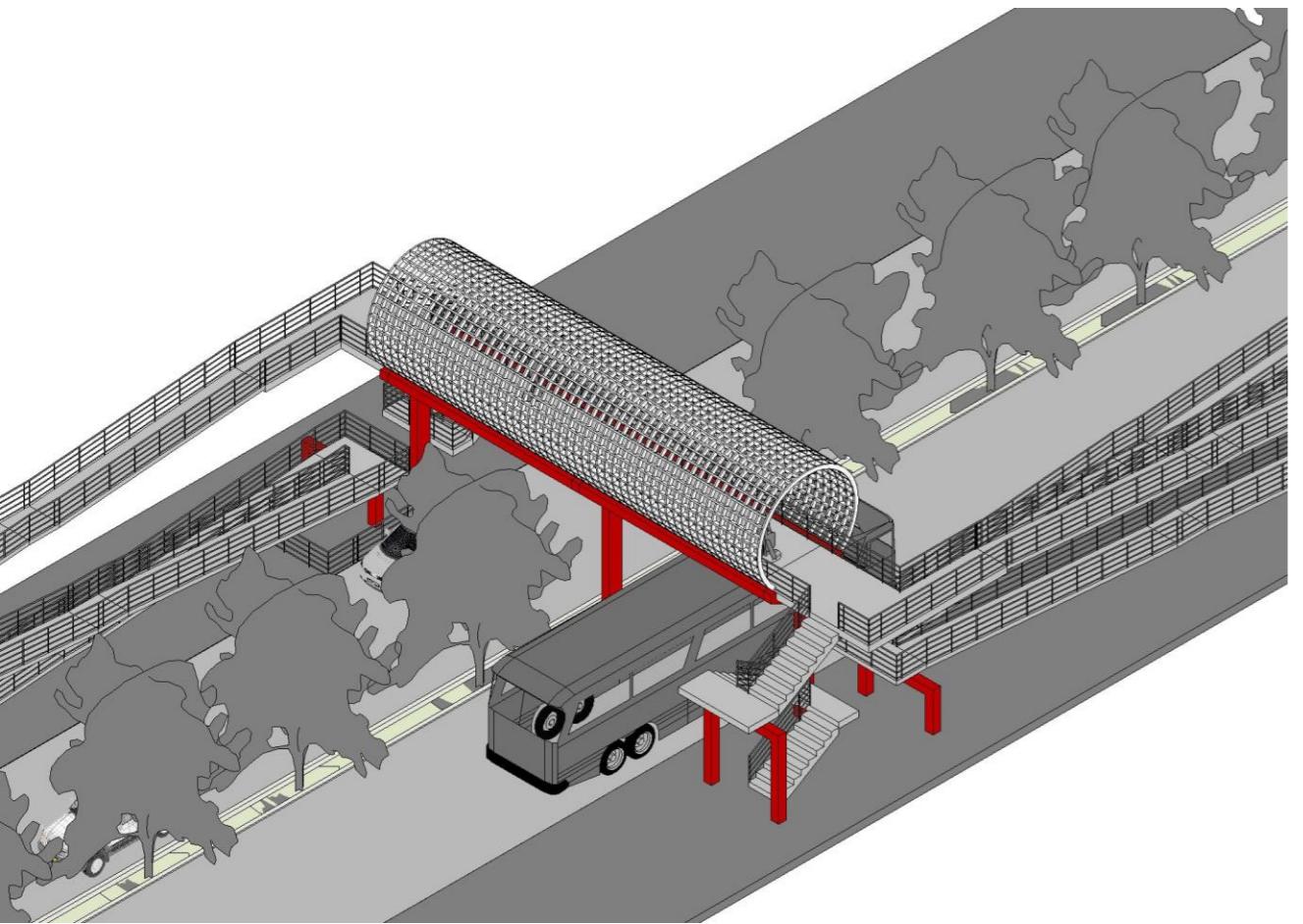
Revit Practice Showcase



Revit Practice Showcase



Extra: Revit Practice Showcase



Thank you very much for your attention!



Pedro Bergamin

- Architect with 5 years of post-graduation experience
- Prior experience since 2010 working for the family architecture company
- Experience working independently at all stages of the project
- EU Passport holder

Strong Skills:

- BIM and CAD: Revit, ArchiCAD, Autocad and Vectorworks
- 3D Modeling: 3DsMax, Blender, Sketchup
- Rendering: Corona Renderer, Lumion, V-ray and Enscape

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