

PORTFOLIO

LIZBETH FABIOLA CASTANEDA LOPEZ

# LIZBETH CASTANEDA

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Spanish (Native) // English (Fluent) // French (Basic)

## EDUCATION

**Monterrey Institute of Technology and Higher Education** Bachelor of Architecture (B. Arch.)  
// Degree Apostille with International Convention de La Haye du octubre 1961 // August 2015 - December 2020 Guadalajara, Mexico. (Licenced Architect in Mexico).  
Graduated with 3.4 GPA.

## EXPERIENCE

**Junior Architect** Tacher Architects // January 2021 - Present  
Develop projects from early concept through design development, Develop executive project using BIM methodology in REVIT, Develop executive project in AutoCAD, Organize and manage permit documents and plans, 3D Models of the projects, Modify existing plans and elevations to fit client and sales needs, Developing and presenting project proposals, Working with the Project Manager, in preparing drawings and specific documents for the Conceptual Design, Preliminary and Executive Phase, Review and creation of MEP Plans, Develop hierarchy of square meters in Excel, Interior Design, Lightning Design.

Collaborated in projects Sao Paulo Vertical (Vertical Architecture) in Guadalajara, Creative Digital City (Mixed-Use Architecture) in Guadalajara, Vallarta Houses (Housing Project), Pure Tulum Aqua (Condominiums) in Tulum, Quintana Roo, Aria Ocean (Retail Architecture) in Puerto Vallarta, United Nations (Mixed-Use Architecture) in Guadalajara.

**Junior Architect** Andres Escobar Architects // January 2020 - July 2020, Guadalajara, Jal.  
Quotation of material with suppliers, Assistant in development of executive project in Housing, 3D Modeling, Interior Design of Houses, Review of MEP Plans.

**Internship** LEAP (Laboratory in Progressive Architecture) // January 2020 - July 2020, Guadalajara, Jal.  
Assistant in seven vertical architecture projects, Develop executive project, Preparing presentation and documentation for the clients, Quote materials with suppliers, Develop proposals for Interior Design.

**Internship** Secretary of Heritage Government of Chapala // August 2018 - December 2018, Chapala, Jal.  
Architectural survey of facades of all Chapala and Ajijic for the Secretary of Heritage and Public Works.

## ACADEMIC

**Design Gala** // June 2020, Guadalajara, Jal.

A proposal was made for the remodeling of a Mexican neighborhood coffee shop. The project was selected for the national event of the Monterrey Institute of Technology and Higher Education, "Design Gala".

**National Museum of Architecture** (Felix Candela Contest). // May 2019, Guadalajara, Jal. Recognition for participated with a proposal for a national museum of utopian architecture, for a property next to Fine Arts in Mexico City.

**Recognition "Best project of Class in B.Arch"** ITESM // December 2019, Guadalajara, Jal.  
Recognition for the best project "CIED" on a proposal for a school and a women center located in the Industrial Zone of Guadalajara. Recognition by the jury of the contest.

## SKILLS

### Technical

AutoCAD Advanced // Revit Intermediate // SketchUp Advanced // VRAY Intermediate // 3dsMax Basic // Lumion Intermediate // Illustrator Advanced // Photoshop Advanced // InDesign Intermediate // Rhino Basic // DiaLux Basic // Microsoft Office Advanced // Grasshopper // Adobe Suite Advanced

### Collaboration

Responsible // Organized // Communicative // Detail-oriented // Empathic // Adaptative // Self-starter // Flexible

### Render Development

// February 2022  
3D Modeling, Rendering and Photographic post-production.

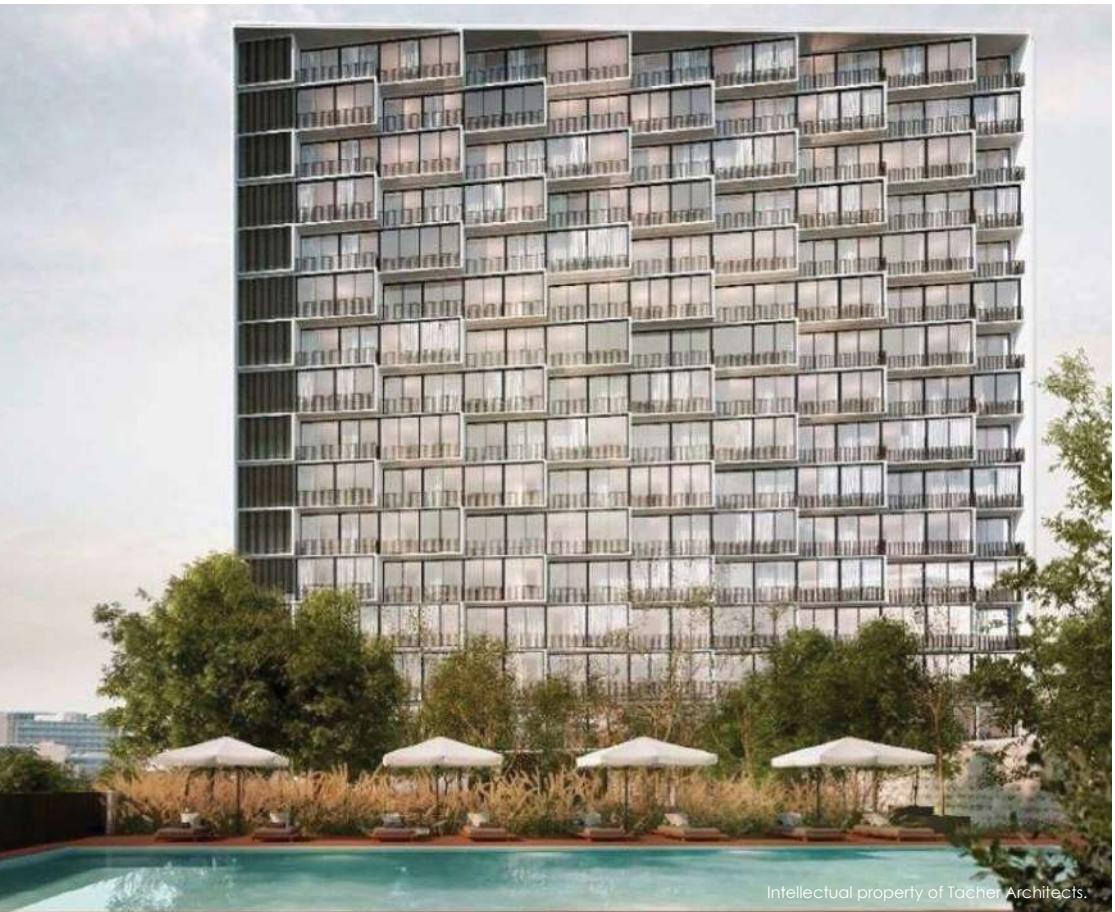
### DUOLINGO English Test

// January 2022  
Score 120

### REVIT Intermediate

### UN Women

// September 2018  
Promotion of gender equality in the UN system for jobs and everyday areas.



Intellectual property of Tacher Architects.

# SAO PAULO VERTICAL

**Location:** Guadalajara, Jalisco

**Typology:** Vertical Architecture

**Status:** Under construction

**Area:** To be built: 76,197 m<sup>2</sup>

On ground level: 55,500 m<sup>2</sup>

Lower ground level: 21,197 m<sup>2</sup>

**Year of collaboration:** 2021

## Project description:

A proposal for the beginning of a new way of meeting, making community and discovering new possibilities.

Apartment tower, consists of five typologies:

Apartment A, Apartment B, Apartment C,

Gardens and Penthouse.

It has a pool, roof bar, barbecue area, pet friendly, outdoor yoga, coworking, fitness room, sport bar, after party room, green area and reading area.

## Performed activities:

- Development of executive project in Revit.
- Elaboration of set plans in Photoshop.
- Creation of project hierarchy in Excel.



Apartment A:  
100m<sup>2</sup>



Apartment B:  
75m<sup>2</sup>



Apartment C:  
50m<sup>2</sup>



Gardens: 185m<sup>2</sup>



1st Floor Plan Penthouse



2nd Floor Plan  
Penthouse

Penthouse:  
202.69m<sup>2</sup>

# VALLARTA HOUSES

## HOUSE 01

**Location:** Puerto Vallarta, Jalisco

**Typology:** Residential Architecture

**Status:** To begin construction

**Area:** Ground Floor: 196.61 m<sup>2</sup>

First Floor: 150.27 m<sup>2</sup>

Roof terraces: 261.57 m<sup>2</sup>

**Year of collaboration:** 2021

### Project description:

Residential house of subdivision "Vallarta Houses".

The project is divided into two levels: ground floor and 1st floor. It consists of kitchen, living room, dining room, study, terrace, pool, garden, garage, master bedroom with bathroom and dressing room, TV room and two bedrooms with bathroom. The design is proposed to provide the greatest possible transparency with the help of windows, giving the user the possibility of connecting with the outside.

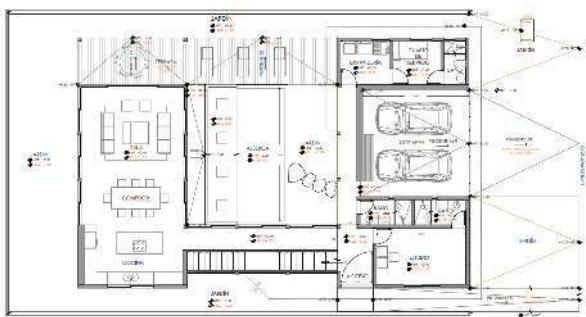
### Performed activities:

- Preparation of permit plans.
- Involved in the design process of conceptual project (interior design, spaces and areas).
- Start of executive project.
- 3D project modeling in SketchUp.

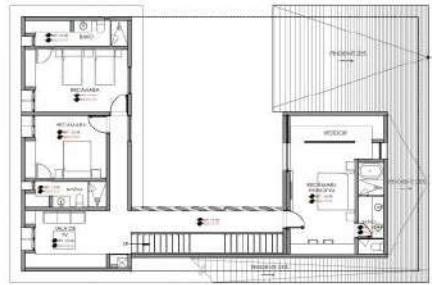
Intellectual property of Tacher Architects and PAAC.



Main facade.



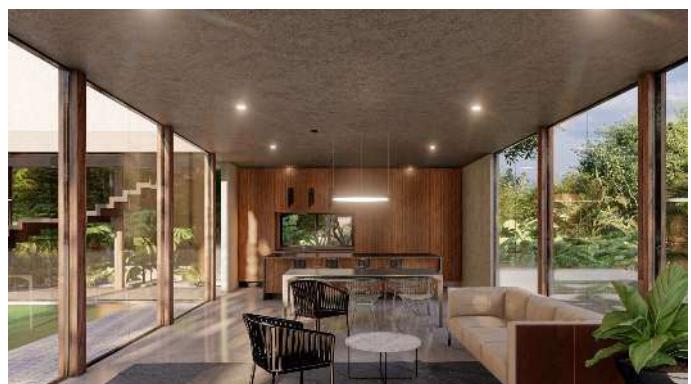
Ground Floor Plan



1st Floor Plan



Pool and terrace view



Kitchen, living and dining room view.



Intellectual property of Tacher Architects and BHUBER.

# PURE TULUM AQUA

**Location:** Tulum, Quintana Roo

**Typology:** Vertical Architecture

**Status:** Under construction

**Area:** 4,197.66 m<sup>2</sup>

**Year of collaboration:** 2021-2022

## Project Description:

Condominium project in a beach area, consists of three buildings with a ground floor + three levels; building 1 of 12 condominiums; building 2 consists of a lobby, co-working and 2 condominiums; building 3 consists of 14 condominiums, these are designed to be converted into "airb&b". It has amenities, such as: 2 common pools, fire pit, yoga / outdoor cinema and outdoor gym.

The design objective of the project is intended to make users feel part of nature, being in a beach location, thanks to the outdoor amenities, interior design, finish and furniture made of natural local materials.

## Performed activities:

- Review of M E P P l a n s .
- Involved in the design process, from conceptual to technical definition.
- Elaboration of the first stage of the executive project.
- 3D modeling of the project.
- Proposal and review of installation plans.



Yoga view.



Interior view.



Pool view.



Facade view from amenities.



3D view in SketchUp



3D view in SketchUp



Kitchen, living and dining room view.



Terrace view.



Intellectual property of Tacher Architects.

# CREATIVE DIGITAL CITY



Main facade view.

**Location:** Guadalajara, Jalisco

**Typology:** Mixed Use Architecture

**Status:** Preliminary Architectural Design

**Area:** 7,489.63 m<sup>2</sup>

**Year of collaboration:** 2021-2022

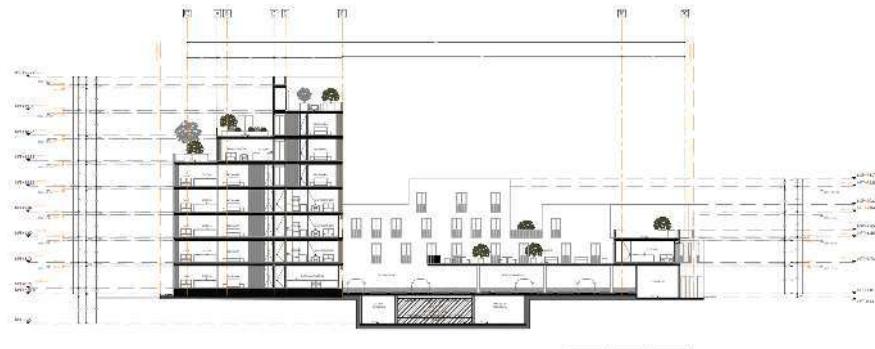
## Project description:

Winning project of a contest to be built, it is currently in the preliminary stage.

The project consists of a complex as an anthology of a "city" since it has everything from housing to commercial with amenities. It consists of a total of ground floor + 7 proposed levels. As creative amenities it counts as: grandfather's library, common areas and gym.

## Performed activities:

- Development and support of conceptual design.
- Development of architectural plans and preliminary architecture.
- Support in the facade design.
- Support in lightning design.
- 3D modeling in SketchUp.
- Excel development of square meters.
- Review of MEP Plans.





# CIED (COMPREHENSIVE EDUCATIONAL CENTER "EL DEAN")



Public outer corridor view.

**Location:** Guadalajara, Jalisco

**Typology:** Educational Architecture

**Year:** 2019, BEST SCHOOL PROJECT.

## Project description:

This university project is justified based on demographic research. El Dean is a subdistrict of Guadalajara, Mexico that has a large presence of infants (a quarter of the total population) and that is why this area needs infrastructure dedicated to children and families. Likewise, due to the statistics investigated, it was understood that in this area there is a lack of equipment for women mothers, since the presence of nurseries is scarce in this area. For these reasons, it was decided to focus on creating a place where mothers and children can live together, which will generate a redensification in the area.

The project integrates several uses: commercial, educational and cultural. That is why there are several users and it will be a key point to be able to attract more inhabitants to this area, because it will provide a marked added value for being a project with these approaches. In addition, the intervention with the street gives users a connection with the



Aerial view.



Classrooms with yard view.

## URBAN GARDEN

Garden open to the public, the crops from this garden will be used for the restaurant. In addition, in this garden the children will learn sustainability techniques.

## HOLES

Holes for light and ventilation that will connect directly with the classrooms so that students can have access to a 100% natural source of lighting and ventilation. The purpose was to create small oases within the building.

## COURTYARD

The entire building revolves around this playground that represents the ideal place for children to have their first social encounters with their peers and with reality.

## TOY LIBRARY

It was designed to be a public space, however, it will be connected to the kindergarten and nursery school. The toy library will also be connected to a business that will be a restaurant-coffee shop.

## RAINY WATER CANAL WETLAND

It is located along the 3 properties and it will connect with the pond of the liberation park. The wetland will serve to clean the water through natural processes and will also serve as a barrier so that people do not access the canal.



Masterplan





# SAYULA BUSINESS INCUBATOR

**Location:** Sayula, Jalisco

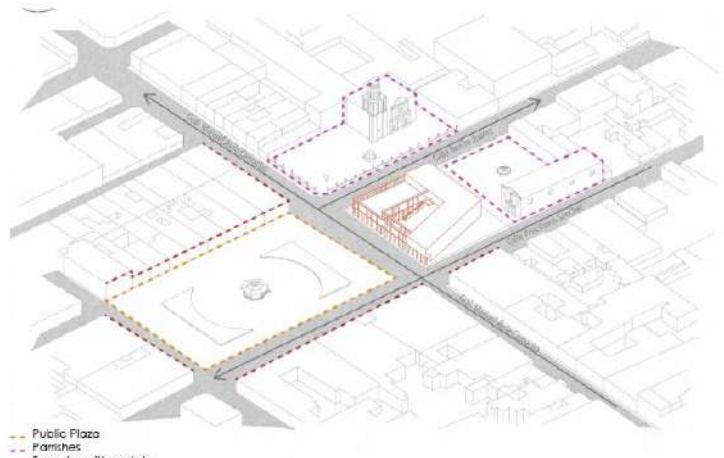
**Typology:** Mixed Use Architecture.

**Area:** 4,197.66 m<sup>2</sup>

**Year:** 2020

## Project description:

The concept aims to create a new type of space in Sayula, Jalisco, Mexico; a dynamic and permeable public space in the proposed building, which in turn respects the existing context, attracting the population to this incubator for success at work. In addition, the main users of this building will be young people, men or women, who aspire to start a business and need guidance; women, to promote female workplace empowerment, and people with an existing business. The purpose is for them to learn through alternative learning methods and guided by incubators. Entrepreneurship incubator projects or business centers must be open, flexible spaces that promote creativity and innovation. The creative use of materials, textures and colors could create inspiring spaces that help ideas flow, ideal for a project of this type.



Volumetry



Aerial view



SECCIÓN A-A'

ESCALA GRÁFICA  
1m



# FABLE COFFEE SHOP

**Location:** Guadalajara, Jalisco

**Typology:** Business Architecture.

**Year:** 2020

## Project description:

The project was born from the idea of remodeling and giving a new identity to the current existing "Quantum Coffee".

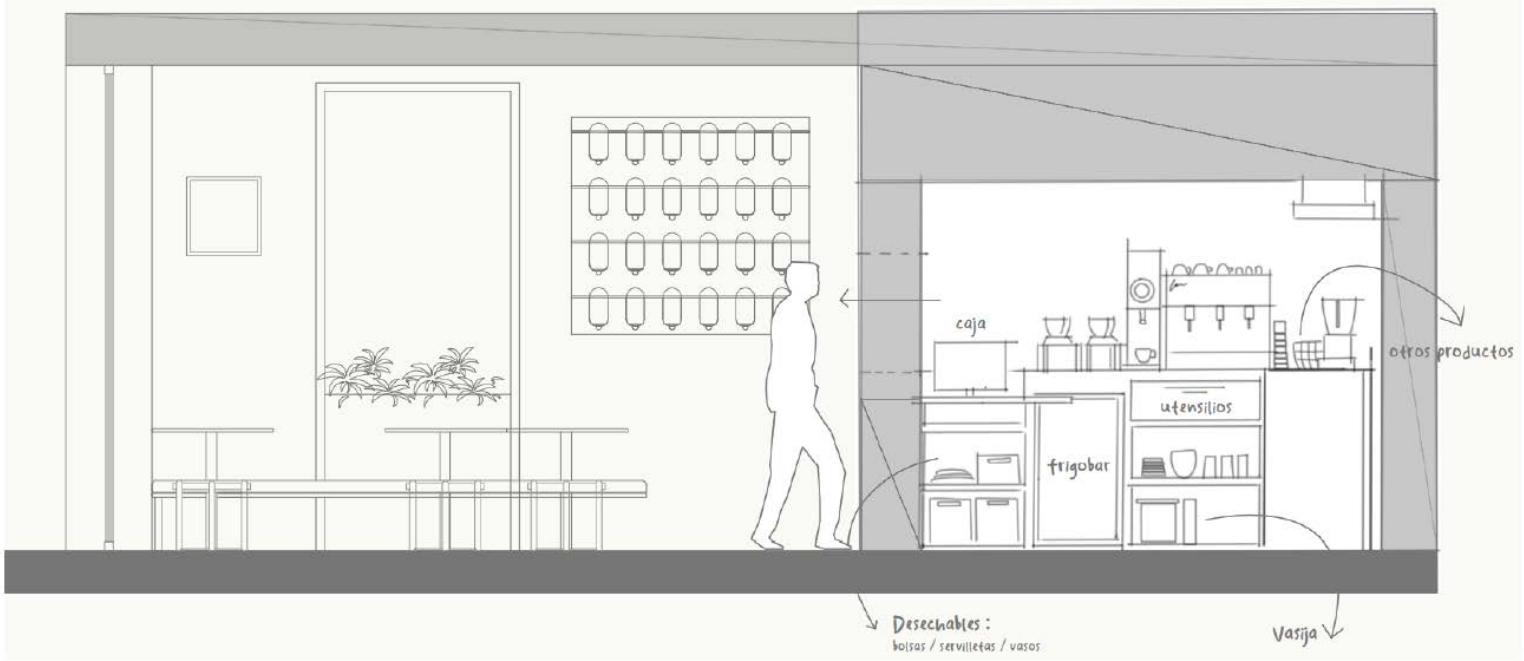
Coffee".

It was considered to bring local materials to the design, such as wood, ceramics, clay, as well as the search for local labor.

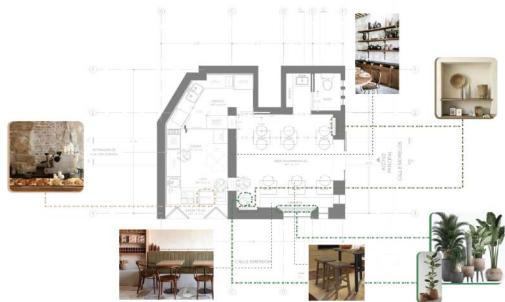
The proposal designed for coffee takes a totally different turn, since we take the potential value of the brand to distinguish itself in the area. "Neighborhood coffee" is the concept that conveys the freshness and home-like experience of having a freshly brewed coffee. Likewise, its local production invites the user to try a quality coffee. The project was selected for the national Tec event "Design Gala 2020".



Interior view.



Section.



Logo.

