PORTFOLIO

PAOLA BANEGAS

AWARDS

PROSPERA — DESIGNING A MORE PROSPEROUS FUTURE

Second Prize - Roatán Tower -2020

IHCIETI — MULTI-FAMILY HOUSING BUILDING DESIGN

Top six finalists — Collaborated with the architecture firm LAVA Honduras - 2021

SHERWIN—WILLIAMS HONDURAS —CONCEPTS OF COLORS

Top ten finalists, student competition to design an interior design -2017

PAOLA BANEGAS

ARCHITECT - 3D/ VISUALIZATION ARTIST

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archiperspectiva.com | Omoa, Honduras

PROFILE

Architect, graduated from the University of San Pedro Sula (USAP). Enthusiastic about architecture, design, art, and history.
In 2018, I started with ARCHI PERSPECTIVA website where I talk about art, history, and architecture and display my previous 3D modeling and architecture visualization works which gave me the experience of currently working as a freelancer making 2D/3D models, diagrams, and render images of interiors and exteriors projects for architects and sets designers.

EDUCATION

Universidad de San Pedro Sula (USAP) 2012 - 2018
Bachelor of Architecture – San Pedro Sula Honduras

Isthmus Escuela de Arquitectura y Diseño de América Latina y el Caribe – Expected July 2018
International Workshop, Bachelor Thesis Project — Panama City, Panama

SKILLS

Modeling and render programs: Autodesk (AutoCAD, Revit, 3Ds Max), SketchUp, Rhinoceros, Grasshopper, Corona Renderer, Lumion and Twinmotion,

Post-production and graphics: Adobe CC (Photoshop, InDesign, Premiere Pro, Illustrator)

Others: Microsoft Office (Word, Excel, PowerPoint) Dropbox, basic level of WordPress, MS Project
Enthusiastic of 3D modeling, architectural visualization, virtual reality, generative design, and photography

LANGUAGE SKILLS:

Spanish: Native language

English: B2 TOEFL score (High — Intermediate)

WORK EXPERIENCE

ARCHITECT — FREELANCE **May 2018 — Present**

Collaborated with architects and set designers to produce conceptual plans and renderings for their projects.

Developed modeling assets (buildings and sets) based upon architectural plans, drawings, sketches, photos. Produced spaces and furniture plans, elevations, sections, details, 3D conceptual views, panoramas, and finished design presentation documentation for projects of different scales.

Collaborated with professionals, clients, consultants, contractors, fabricators to achieve the project's goals.

ARCHIVIZ— 3D /VISUALIZATION ARTIST **May 2018 — Present**
ARCHI PERSPECTIVA **OMOA HONDURAS**

Founded ARCHI PERSPECTIVA website and social media (YouTube, Instagram, Facebook, and Behance) creating and publishing topics related to history, architecture, art, and architectural visualization.

Executed visual material based on research by applying storytelling, organizing, and presenting abilities to create visuals and render images.

Created whole environments and set pieces, including 3D modeling, textures, materials, illumination, and atmospherics, as well as Photoshop post-production.

SUPERVISOR ARCHITECT, QUALITY CONTROL (QC)
Supervisor: Ago. 2016 – Nov. 2016 **Internship: Jan. 2016 – Ago. 2016**
INVERSIONES NUEVOS HORIZONTES— PANORAMA II SAN PEDRO SULA HONDURAS

Supervised installation of Drywall reinforcing boards (to anchor furniture and doors), quality control on doors, and kitchen furniture on the Panorama II residential Tower's 30 levels.

Supported technical direction and managed project staff, as well as created daily and weekly reports on the furniture installation of the residential units.

Assisted with the production and maintenance of standard office documents and templates under the guidance of senior team members.

SELECTED
WORKS

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ROATAN TOWER
Prospera Constest
2020, Second Place

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OASIS DESERT
Project created using Rhinoceros
3D and Grasshopper

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Undergraduate Thesis
Project 2018

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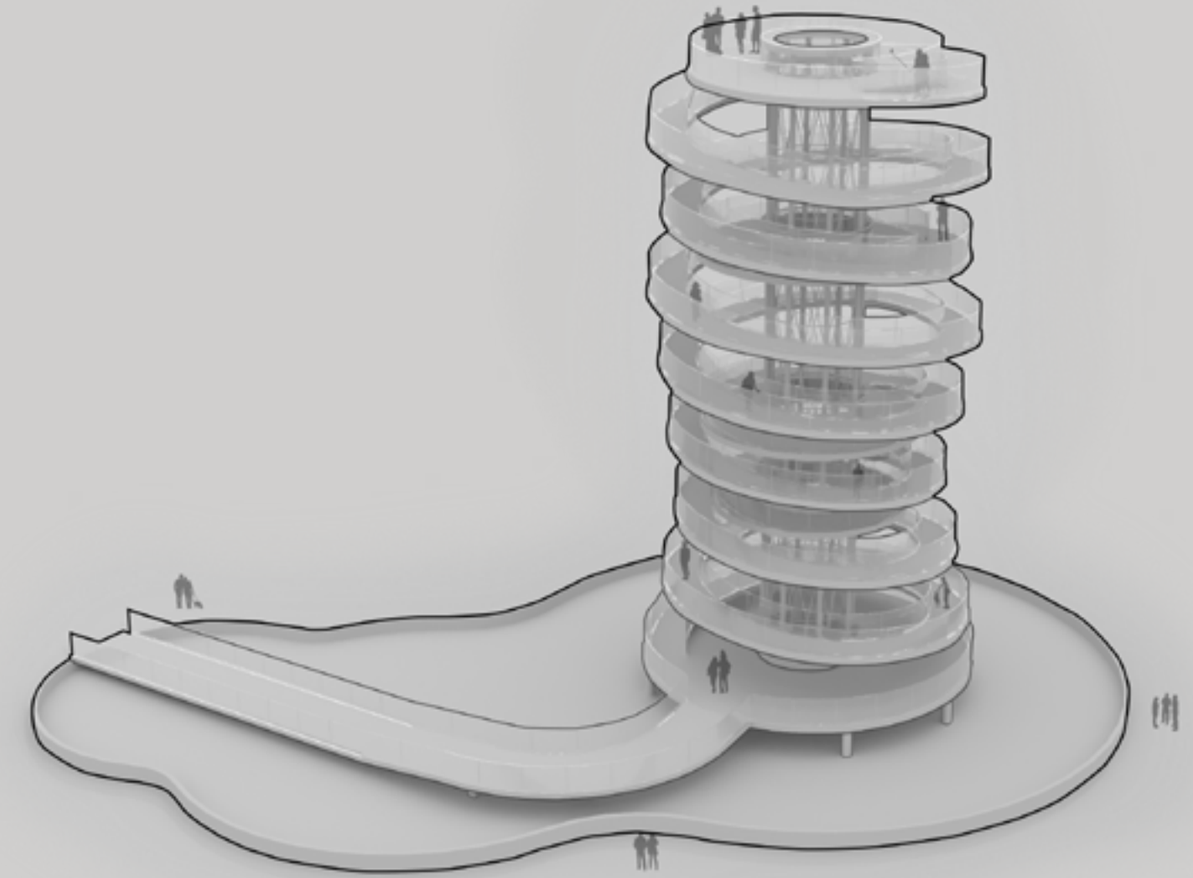
Collaborative
Work Links



Revit | Lumion | Corona Renderer | Adobe Photoshop

ROATAN TOWER

Honduras Prospera Constest

Second Place Award

3,125 m² | 2020 | Roatán, Honduras

Roatan is a Bay Islands paradise known for its crystal clear beaches, nature, and, most notably, its coral reef. Meandrina Meandrites, also known as maze coral, is a species that contributes significantly to the construction of the reefs in the area and served as inspiration for the Roatan Tower. A place where tourists and locals can appreciate the landscape and the spectacular sunsets that the island has to offer, and secondly, because it created from the organic form of the Meandrine Meandrites and as a result, creates a piece that allows the user to appreciate the entire island since the tower has an 8-level structure with four viewpoints and a height of 22.05 meters.

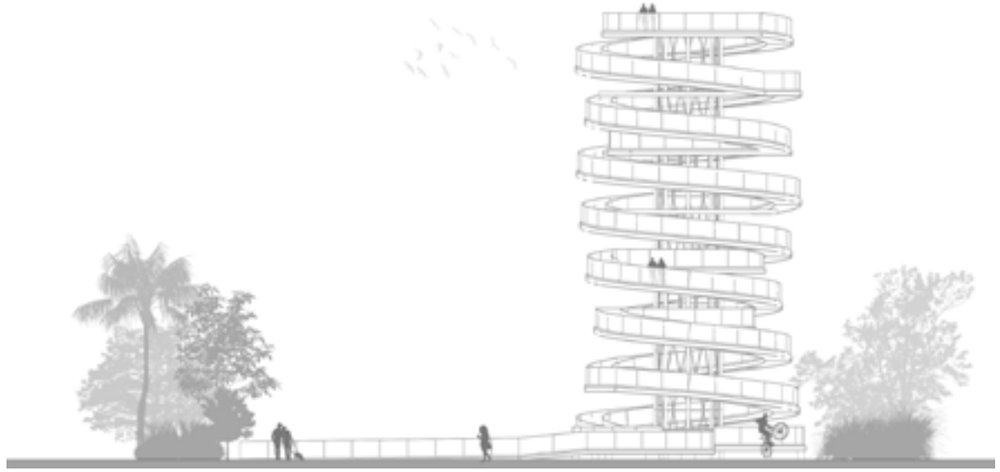
Ribbon Chapele by Koji Fujii / Nacasa-&Partners Inc.

Photo by Francesco Ungaro from Pexels

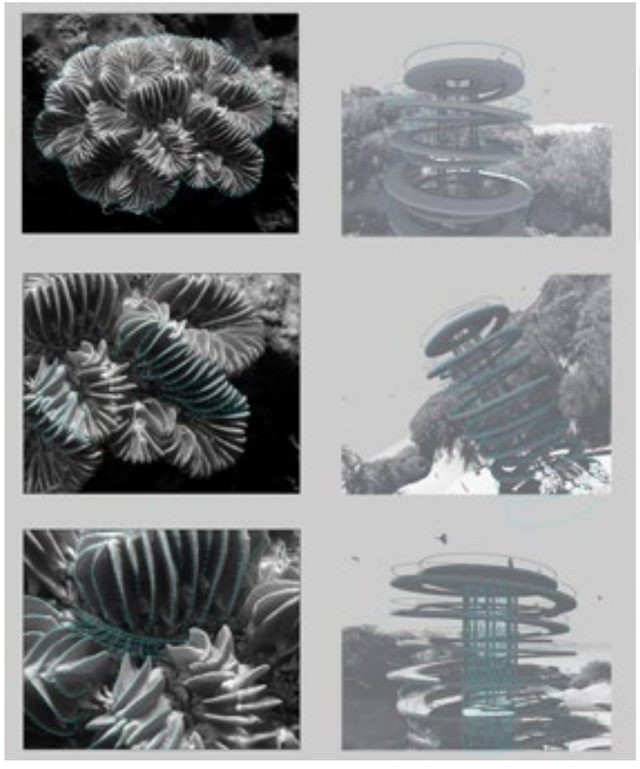
Photo by Darwis Alwan from Pexels

The Meandrina Meandrites coral commonly known as maze coral is a common species that is found in the Mesoamerican reef, considered a hermatypic species as they contribute significantly to the construction of the reefs.

1. Ipe wood
2. Honduran Mahogany
3. Glass tiles
4. Concrete
5. Steinless steel
6. Galvanized steel
7. Cypress
6. Tempered glass



East Elevation



1.

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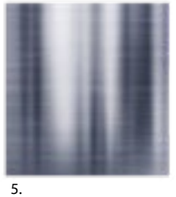

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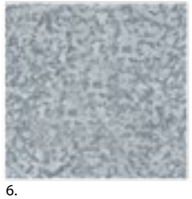

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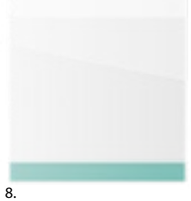
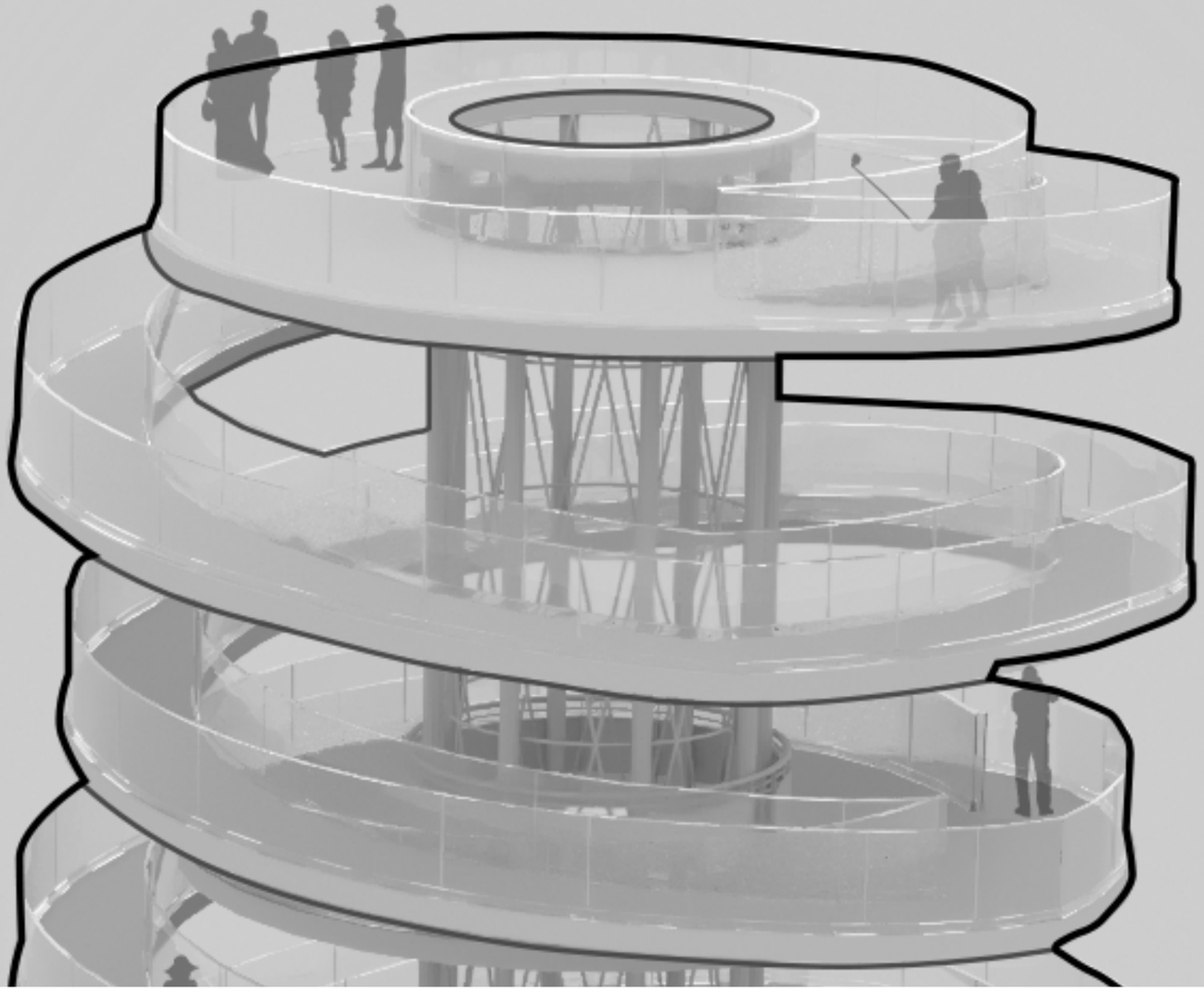
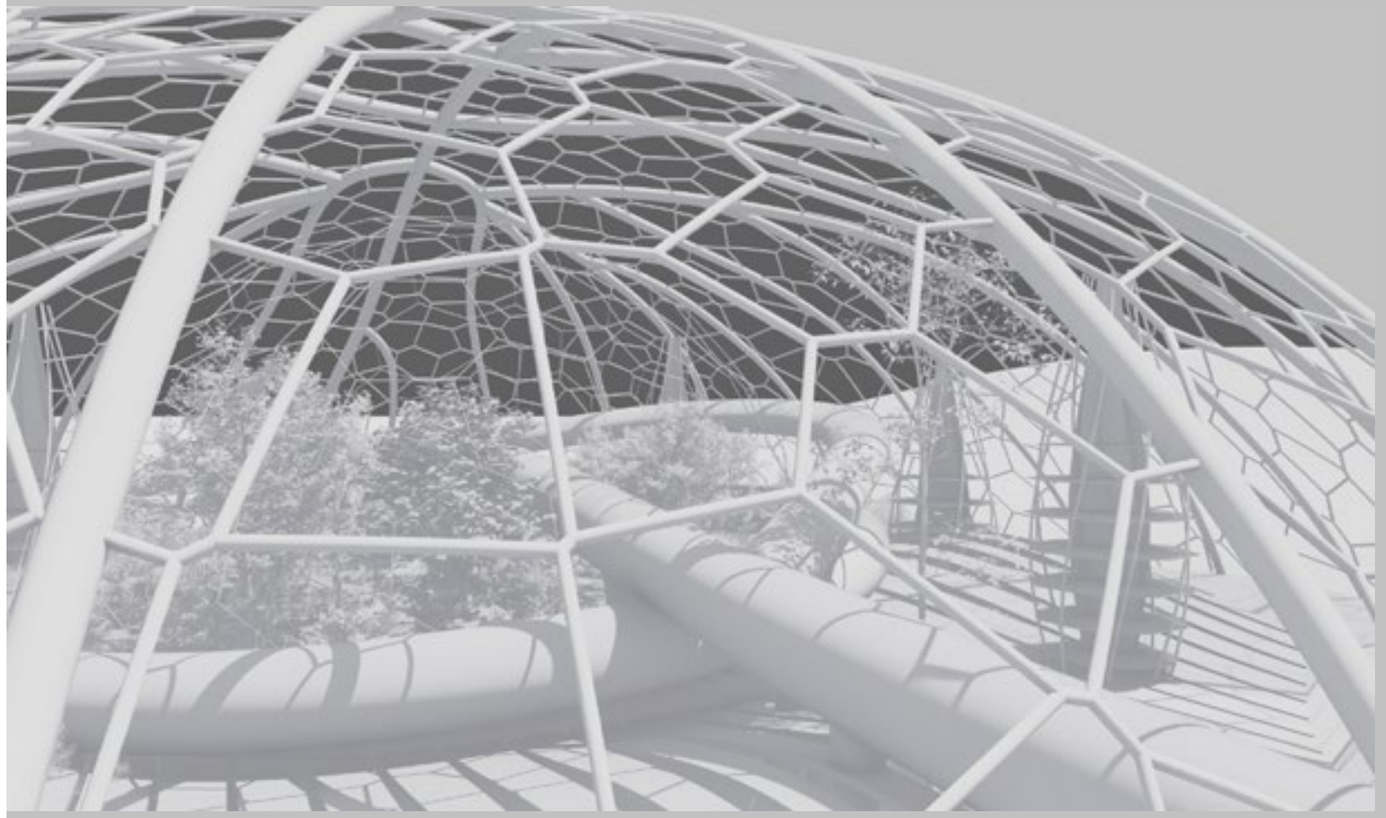


8.

Section Cut





Rhinoceros 3D | Grasshopper | Lumion | Adobe Photoshop| Adobe Premiere Pro

OASIS DESERT

Rhinoceros 3D -Grasshopper

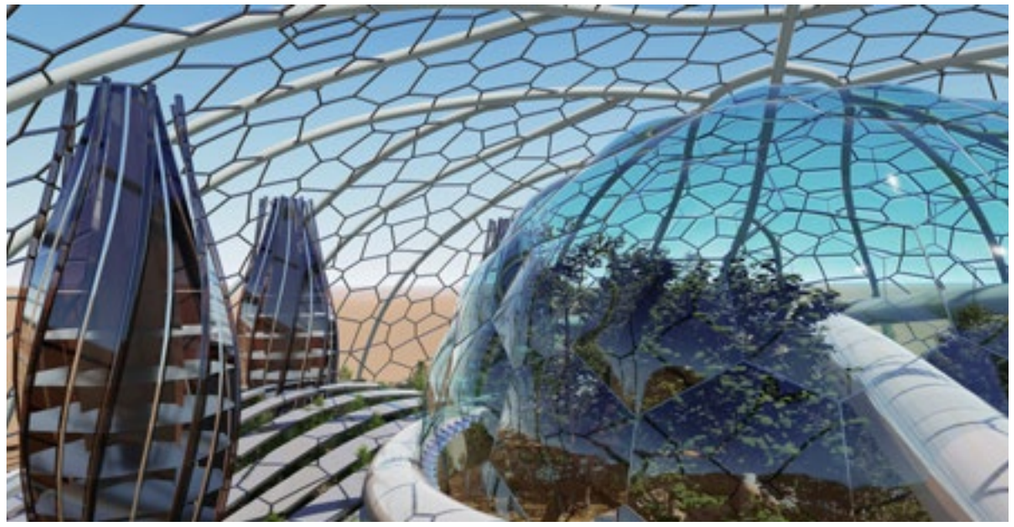
Programs testing- Social Media Content

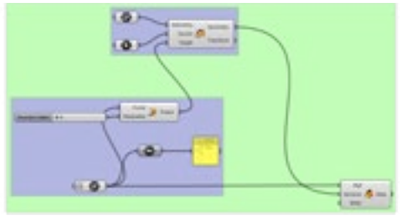
27,107 m^2 | 2021 | Atacama Desert

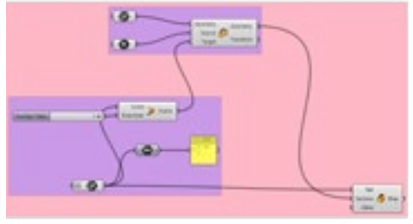
With Rhinoceros' Grasshopper plugging, this Proposal generates various distributions of spaces inspired by nature.

Nature on the planet has evolved to adapt to changes, but in this civilization, we take the best natural elements to create these spaces in a new place, and together with the technology to create them, form a space that adapts to the needs of humans.

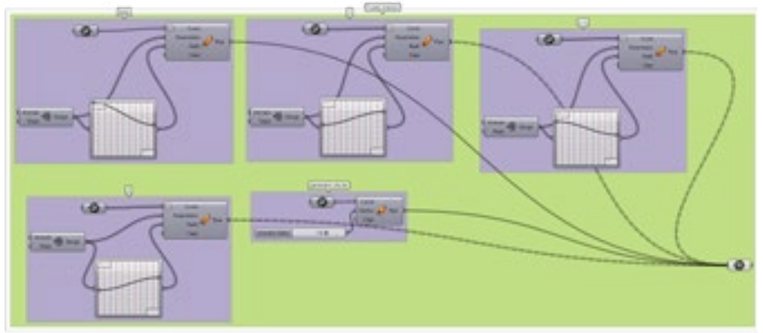
Created Oasis Virtual Tour Video

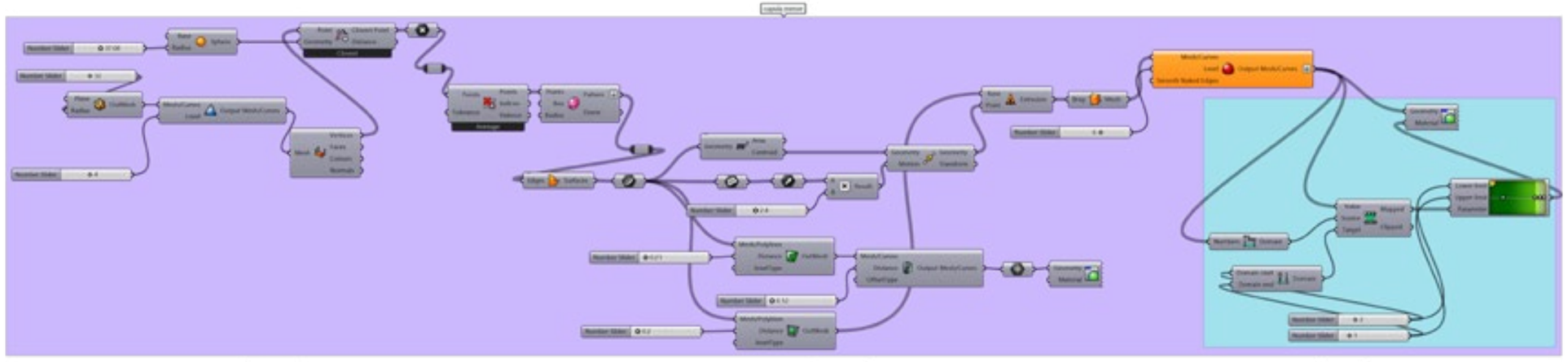


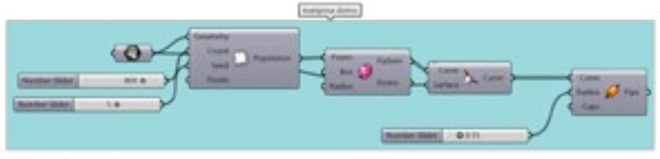




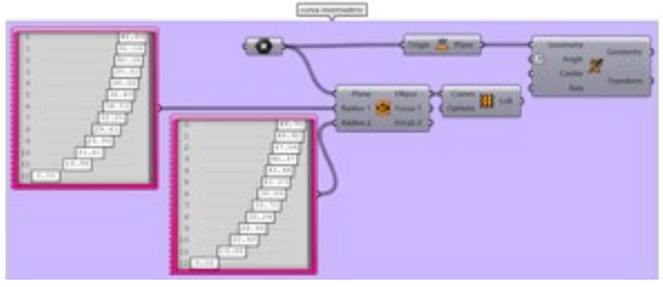
With the use of computer-aided design (CAD) applications they allow the project to be modified in infinite ways. Form and technique inspired by nature are used to tackle design challenges that are vital to human life.

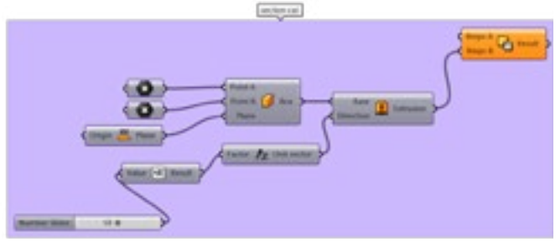


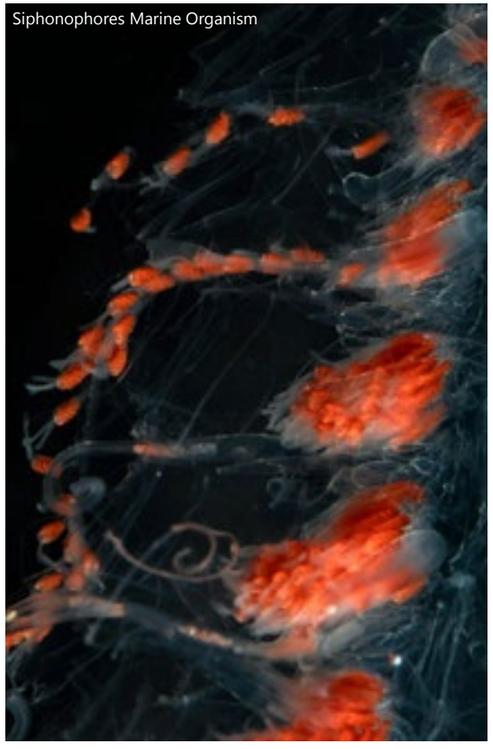




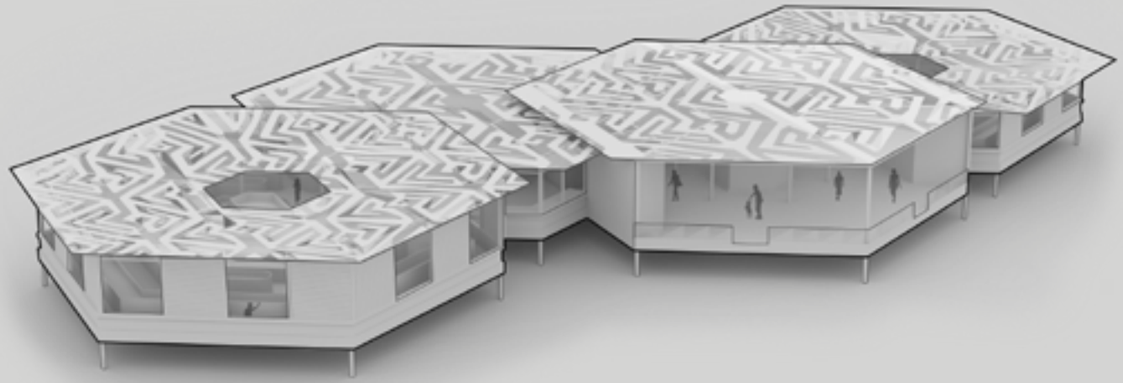
Generative Design







Siphonophores Marine Organism



SketchUp | AutoCAD | Lumion | Corona Renderer | Adobe Photoshop

AQUAPONICS CENTER

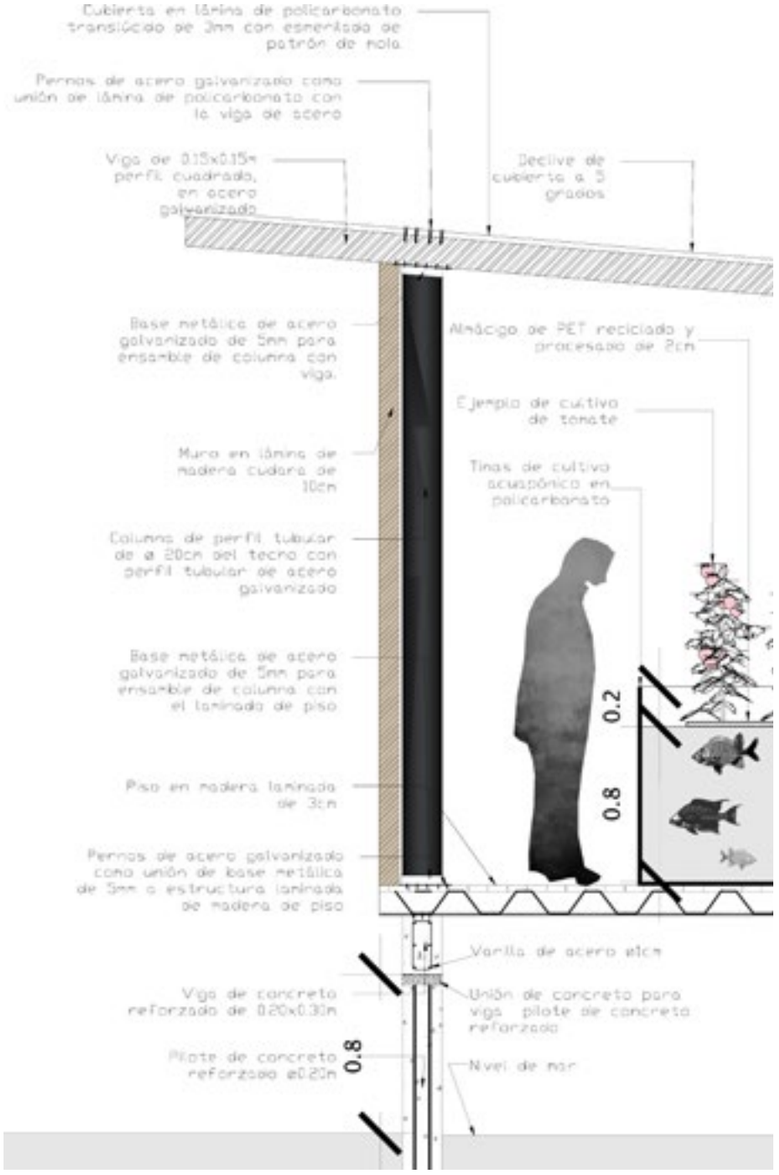
Undergraduate Thesis Project

Ana C. Requena, Daniel Echeverri, Paola Banegas

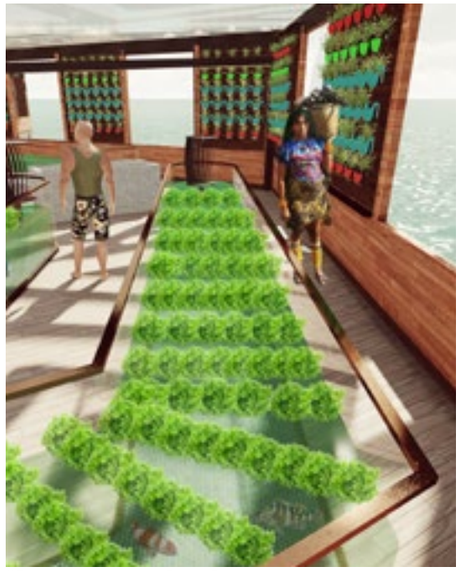
1,419 m² | 2018 | San Blas Panama

Based on the visit to San Blas and previous research, as well as the identification of the region's problems, a proposal is provided that improves the quality of life of its inhabitants through the establishment of an aquaponic cultivation center. Guna Yala's inhabitants are among the most vulnerable indigenous groups, with high levels of malnutrition. Based on this premise, space is designed to provide food for the community as well as serve as a commercial area for the products produced.

The project is composed of hexagonal modules that are joined together to adapt to the needs of the community, and its shape, which takes advantage of available space, makes this resistant to the tropical climate and seawater movement.



SECTION VIEW



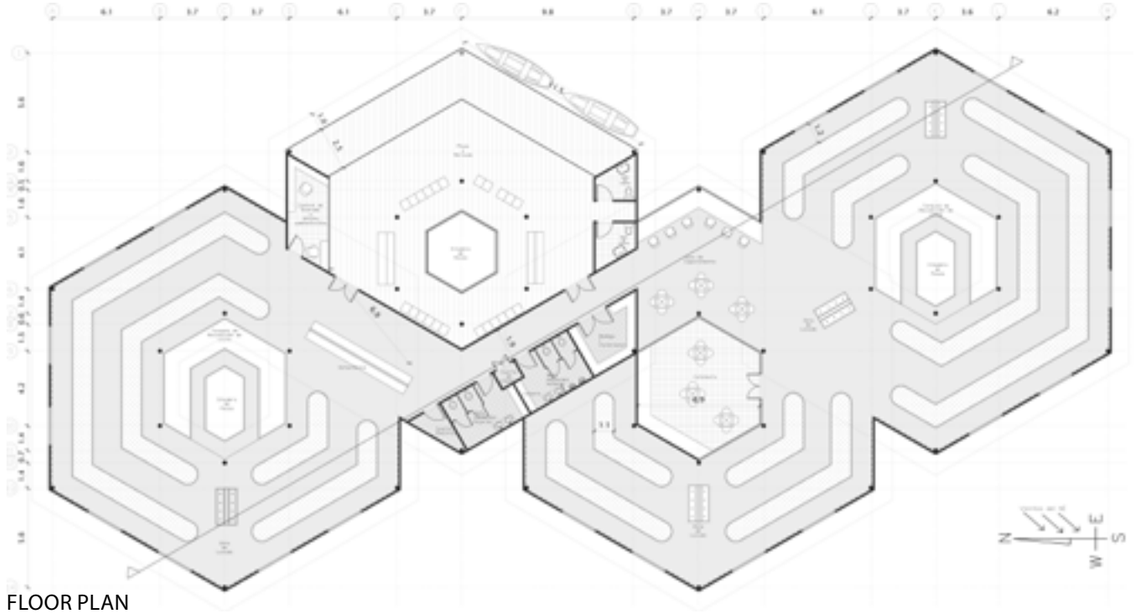
3D model created by Paola Banegas render and post-production by Ana C. Requena

The proposal was proposed as follows: Respect the Guna Yala culture, as they regard nature as mother earth and the center of their lives.

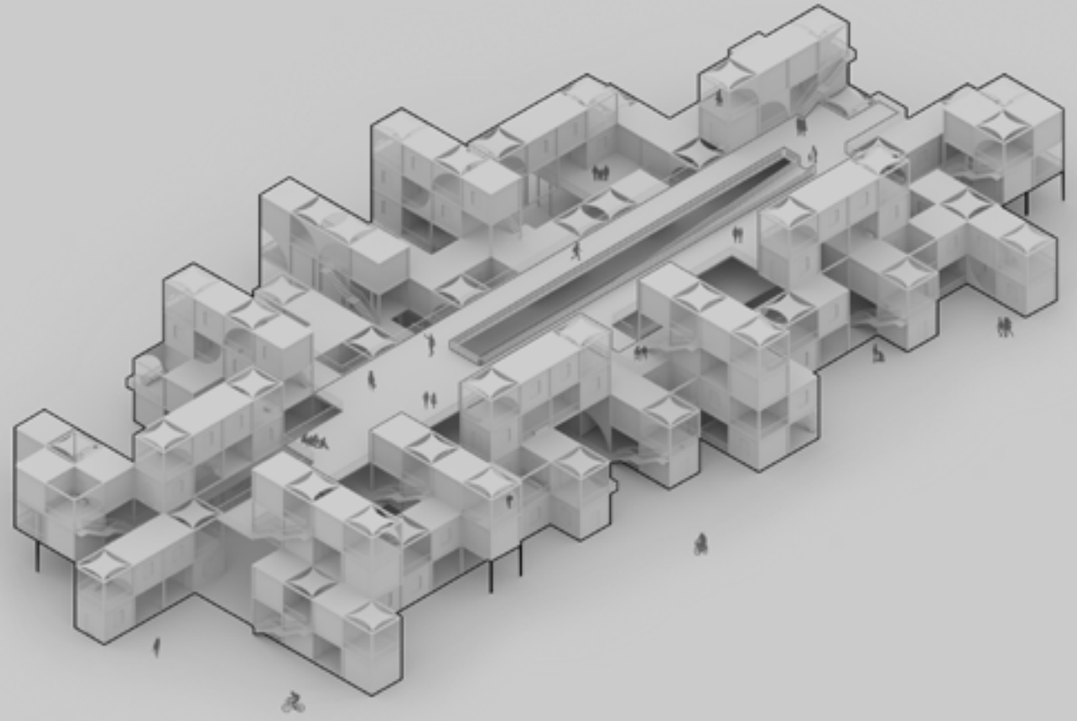
Consider making use of elements that really are representative of their culture and customs, inspired by Gunas Textiles (Molas) patterns. Balance between current construction materials and new construction elements for the area. Recycling processed PET plastic.

Roof texture uses Gunas Textiles (Molas) patterns.

3D model created by Paola Banegas render and post- production by Ana C. Requena



FLOOR PLAN



Revit | Lumion | Corona Renderer | Adobe Photoshop

PIXEL RESIDENCE

SOCIAL HOUSING CONTEST

LAVA HONDURAS Team, Jared Pagoaga, Paola Banegas

22,000 m² | 2021 | San Pedro Sula, Honduras

This building is a proposal for a low-cost, quick-to-build structure that incorporates family concepts and aids in its economic and social scalability. Using cube modules 3.6 * 3.6 * 3.2 to form different spaces with different uses, creating in them a constructive system through a grid that allows spaces to be molded, being flexible and even leaving (empty) spaces for future development. A concept that enhances architecture by involving families in the design process, molding spaces to their shapes and configurations; because all families are unique, architecture must accommodate those configuration differences.

Diagram by LAVA HONDURAS

3D Modeling by Paola Banegas, render and post-production by Jared Pagoaga

These proposals seek accessibility in accordance with the environments, goods, products, and services, allowing all people access, understanding, use, and enjoyment in a standardized, comfortable, safe, and efficient manner.

The proposal includes commerce on the first floor in designed to motivate entrepreneurship and the economy of the locals in order for them all to be able to develop a life in the community while seeking to avoid travel to other areas.

Rhinoceros 3D | Lumion | Corona Renderer | Adobe Photoshop

PROSPERA LOW COST

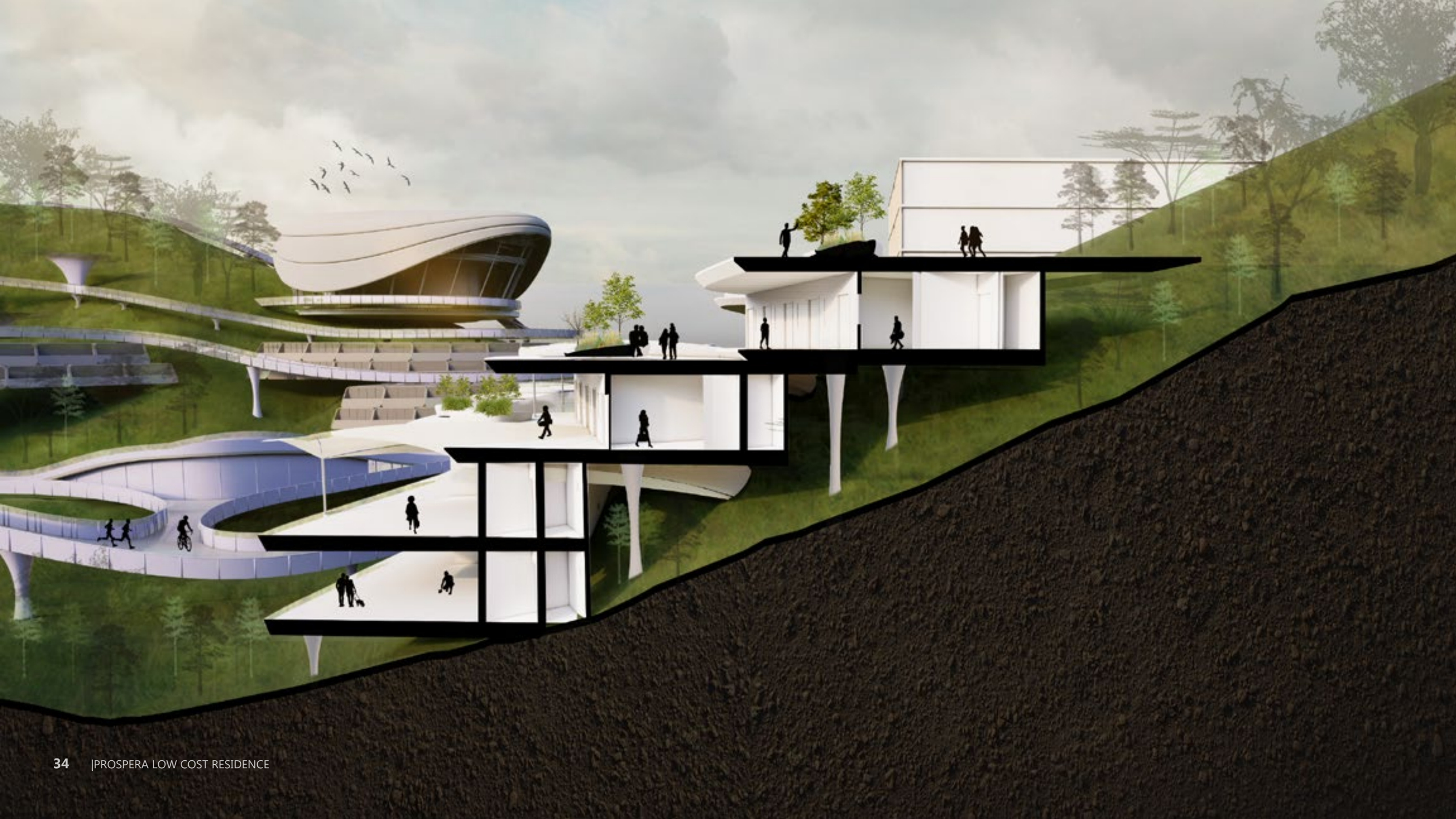
RECIDENCE VOLUME 2

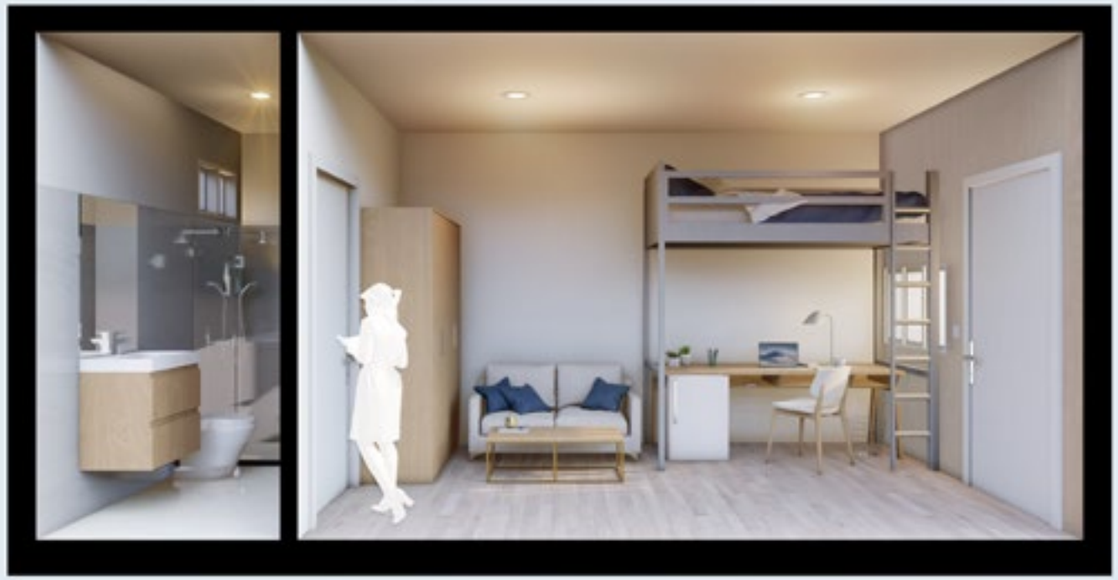
LAVA HONDURAS and PROSPERA Team, Paola Banegas

2,000 m² | 2021 | Roatán , Honduras

Develop a future progressive design approach, imaginative and advanced design with strong identity for Prospera Campus to become a platform for sustainable business growth in Honduras.

The proyects aims to Relationship between land, sea and sky is respected in the design of the area to promote and enhance the naturally green areas within Roatan Island and make it an integral component to the masterplan, with playful landscape that maximizes use of local vegetation.





ISOMETRIC SECTION VIEW OPTION

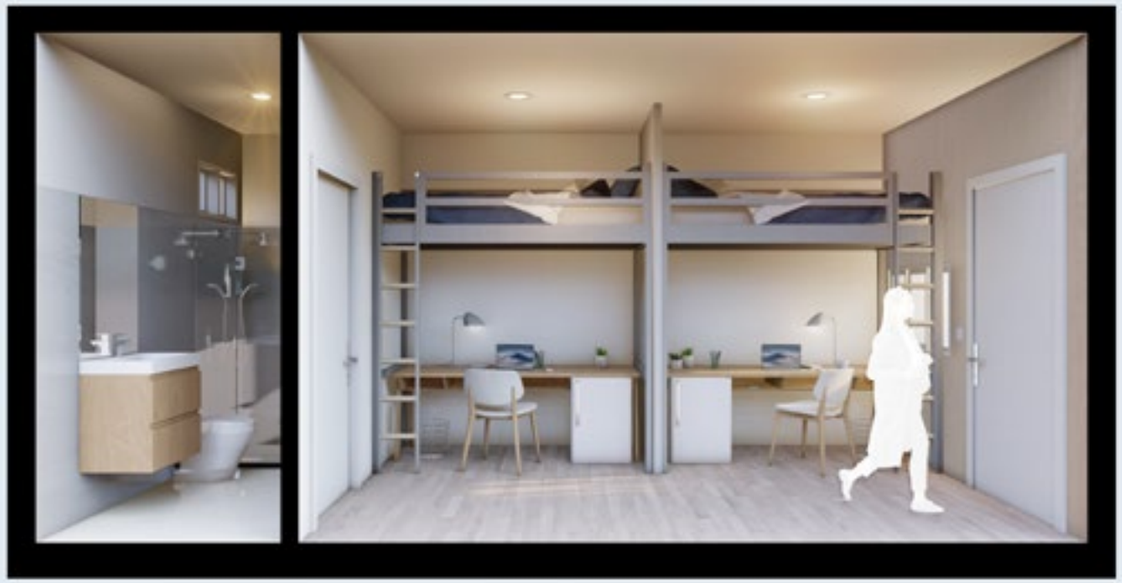
The floor plans have the option to be flexible in their function, the first option is one room studio, the second option is for a two bedrooms studio the same space. Each apartment option measures 18.00 m^2. Develop design and construction
strategies that are socially and environmentally sustainable. Combining innovative construction methods with sustainably-sourced local materials while engaging with the community.

1.

2.

3.

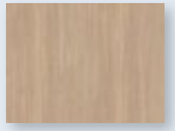
Rendering and Site Modeling by LAVA Honduras, Building modeling and Photoshop post-production by Paola Banegas



ISOMETRIC SECTION VIEW OPTION

The approach of the interior design must be clean, earth undertones inspired by the surrounding area.

1. White cement
2. Dark blue texture
3. Light blue
4. Cross-laminated timber
5. Beige cement
6. Light grey


4.

5.

6.

Rendering and Site Modeling by LAVA Honduras, Building modeling and Photoshop post-production by Paola Banegas

3ds Max | Revit | Lumion | Corona Renderer | Adobe Photoshop | After Effects| Grasshopper

HISTORIC MODERN
HOUSES

CASA LOTA | CASA OSCAR AMERICANO | CASA DE VIDRIO

Brazilian Historic Houses

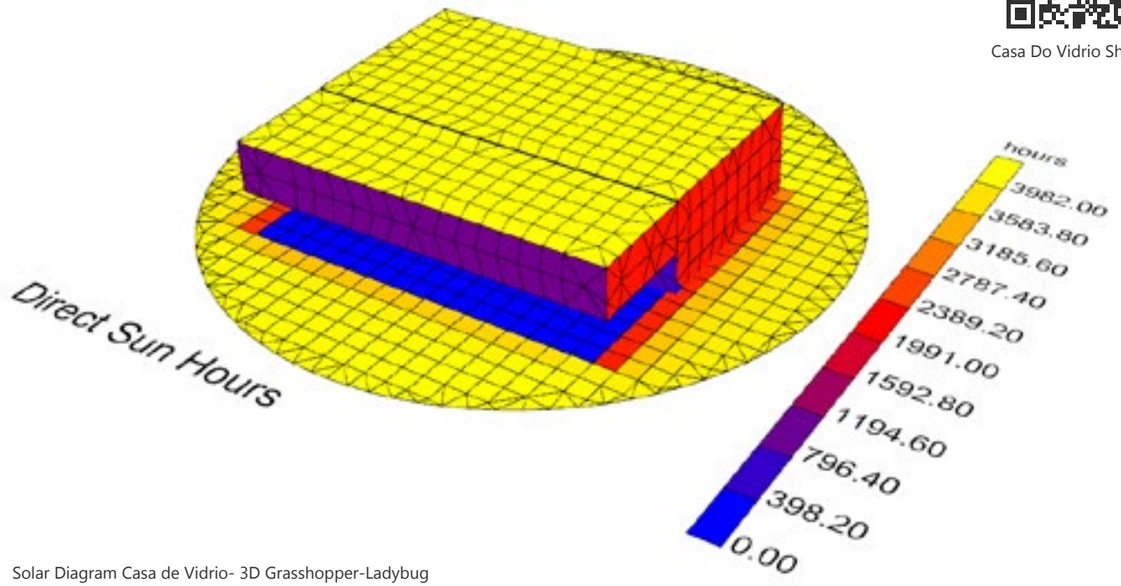
Rendered images for the study, of these three houses Casa Lota by the architect Sérgio Bernardes, Casa Oscar Americano architect-engineer Oswaldo Bratke, Casa De Vidrio by the architect Lina Bo Bardi, the three residences are located in Brazil.

Referents in modern Latin American architecture inspiring and through the years to inspired many constructions of today.
With this study, I was able to observe the distribution of spaces and the use of local materials with minimalist shapes and how these homes are integrated with nature.

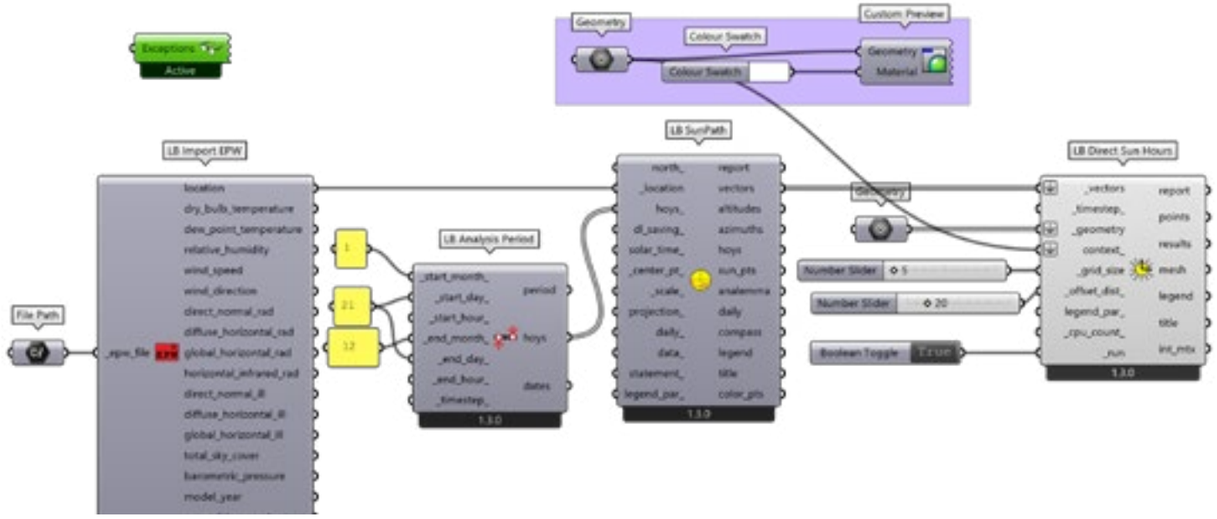
Fundação Maria Luisa e Oscar Americano Virtual Tour Video

Casa Virtual Tour Exterior

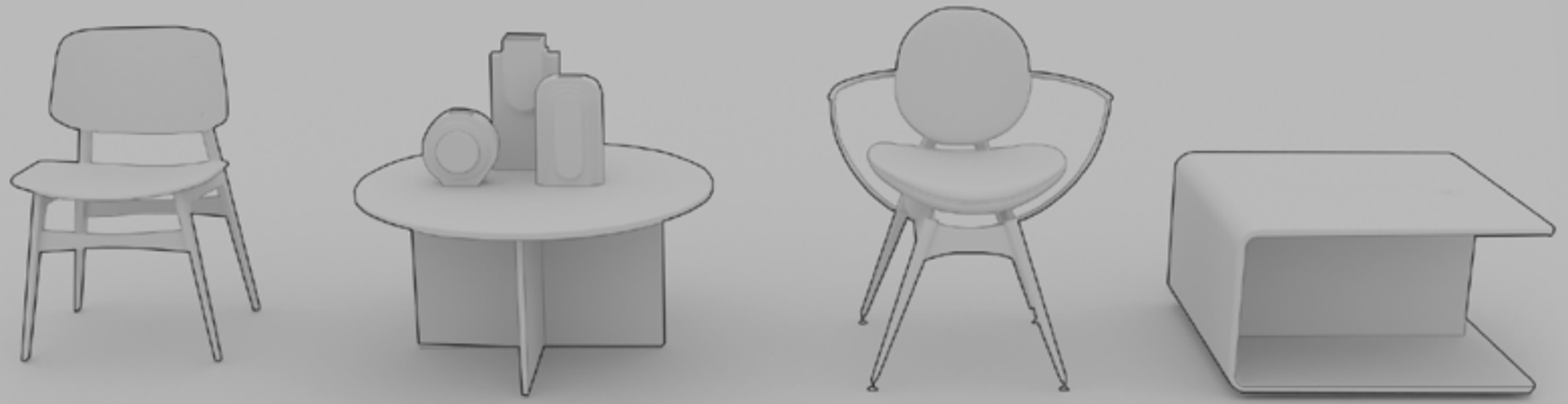
Casa Do Vidrio Short Video



Solar Diagram Casa de Vidrio- 3D Grasshopper-Ladybug



Casa de Vidrio by Architect Lina Bo Bardi Petropolis Brazil render by ARCHI PERSPECTIVA



Revit | 3ds Max | Corona Renderer | Adobe Photoshop

INTERIOR DESIGN
PROJECTS

SOCIAL MEDIA- RESTAURANT INTERIOR

The use of computational programs has aided in the representation of ideas, and in this way we can visualize spaces that will be intervened in the future, counting and variables such as lighting, environment, furniture, and clients, it is possible to create personalized spaces.

Fire, water, earth, and air are fundamental components for human life, and they have provided as an inspiration to countless people over the years. It is possible to achieve a balance between strength and elegance with the use of textures and colors, plants, and transparencies/glass, resulting in a created space that reflects warmth and wide windows that reveal the lovely cityscape outside.

#5B4332 #1E120E #3E3812 #7E8DB1

Clay Render

1. Alpinia Zerumbet Artificial Plants

2. Five Hanging Lights_01 by Mahtaj Karimi

3. Roberto Table by Antnv

Experinting with exterior light source in Interior with 3ds Max and Corona Renderer

1. Siglomodern Circle Chair by Reza Gheidi

2. Coffee Table 35 by Franco Angulo

3. Chandelier01 by Dorsa

A Very Peri Living Poom Using the Pantone Color of the Year 2022

Corona renderer can be used to visualize the lighting in a space, taking use of the lighting from the side window and creating a nice setting with its neutral color palette.

The Verry Peri color was used to create an interior with layers of textures to lend energy to the scene, and the complementary color palette created a dynamic and exciting mix.

#C0BEBF #9C8F7F #C5B199 #41342C #6667AA #A3A969 #6C86AB #926AA6

Fundação Maria Luisa e Oscar Americano House,
Virtual Tour Video Render by @archiperspectiva

CERTIFICATES
COLLABORATIVE WORK
LINKS

Autodesk Revit 2020 by Carlos Lucena architect and ACI (Autodesk Certified Instructor)

International Workshop of the Sea by Isthmus University, Panama City (Bachelor's thesis project)

Digital Humanities by Coursera and Universitat Autònoma de Barcelona

Leadership Styles: Options for Advancing Complex Challenges by Coursera and Universidad de los Andes (Colombia)

Toefl Certificate B2

Adobe Illustrator by INFOP

Designing a More Prosperous Future by Prospera Second Place

CONCEPTS IN COLOR Certificate- Top ten finalist anuat design contest Architectural, Interiors and Industry for University Students in Central America by Sherwin William

Top six finalist National Science and Technology contest with LAVA Honduras by IHCIETI

Ms Excel Intermediate by INFOP

MS PROJECT by INFOP

Oratory by INFOP

Communication, Experimentation and Learning in Leadership by Coursera and Universidad de los Andes (Colombia)

Art & Ideas: Teaching with Themes by Coursera and MoMA (Museum of Modern Art

Intership Inveriones Nuevos Horizontes Certificate Letter

Adobe Photoshop Foundations Course 2018 Specializing In Architecture by ARCUX

Photography - Photographic Composition by Udemy and Centro de Formación EDUCATE

3D Model NBA Trivia Designed by Esmeralda Ruiz

3D model Samsung comercial Designed by Esmeralda Ruiz

Parasite House virtual Tour ARCHI PERSPECTIVA

Virtual Tour Honduran Historic Architecture ARCHI PERSPECTIVA

Upcycling Plastic Workshop by Quimera Design

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