ARCHITECTURE & INTERIOR DESIGN

PORTFOLIO

MARIA ALEJANDRA NAVA GAMEZ

INTERIOR DESIGN

HQ ORDEN ARQUITECTÓNICO'S

INTERIOR DESIGN







THE PROJECT IS LOCATED IN WHAT WAS ONCE A RESIDENTIAL HOUSE. THE GROUND FLOOR HAD TO BE ADAPTED TO CREATE THIS OFFICE SPACE. THE DESIGN WAS BASED ON THE CHARACTERISTICS OF THE COMPANY, BEING AN ARCHITECTURAL FIRM KNOWN FOR ITS ELEGANCE AND MINIMALISM. DARK GRAY WAS CHOSEN AS THE PREDOMINANT COLOR TO HIGHLIGHT THE REFLECTION OF ITS ESSENCE.
(THE EXECUTIVE PLANS WERE CARRIED OUT, AND THE COMPLETE EXECUTION OF THE PROJECT TOOK PLACE.)

THE PROJECT WAS CREATED AND VISUALIZED USING SKETCHUP AND ENSCAPE.

HQ CREATIVE TRAVEL

INTERIOR DESIGN







THE PROJECT IS LOCATED ON CALZADA DEL VALLE IN SAN PEDRO GARZA GARCÍA. THE DESIGN AND EXECUTION OF THE COMMERCIAL SPACE FOR A TRAVEL AGENCY WERE CARRIED OUT. THE CREATIVE PROCESS STARTED WITH DESIGNING THE LAYOUT TO DEFINE THE SPACES AND THEN WE PROCEEDED WITH THE INTERIOR DESIGN AND THE SELECTION OF FURNITURE. THE CLIENT REQUESTED NATURAL MATERIALS FOR THE MAIN FINISHES.
(POSITION: DESIGNER AND PROJECT MANAGER. THE EXECUTIVE PLANS WERE CARRIED OUT, AND THE COMPLETE EXECUTION OF THE PROJECT TOOK PLACE. PROJECT COMPLETED.)

THE PROJECT WAS CREATED AND VISUALIZED USING SKETCHUP AND ENSCAPE.

INNOVACTION GYM

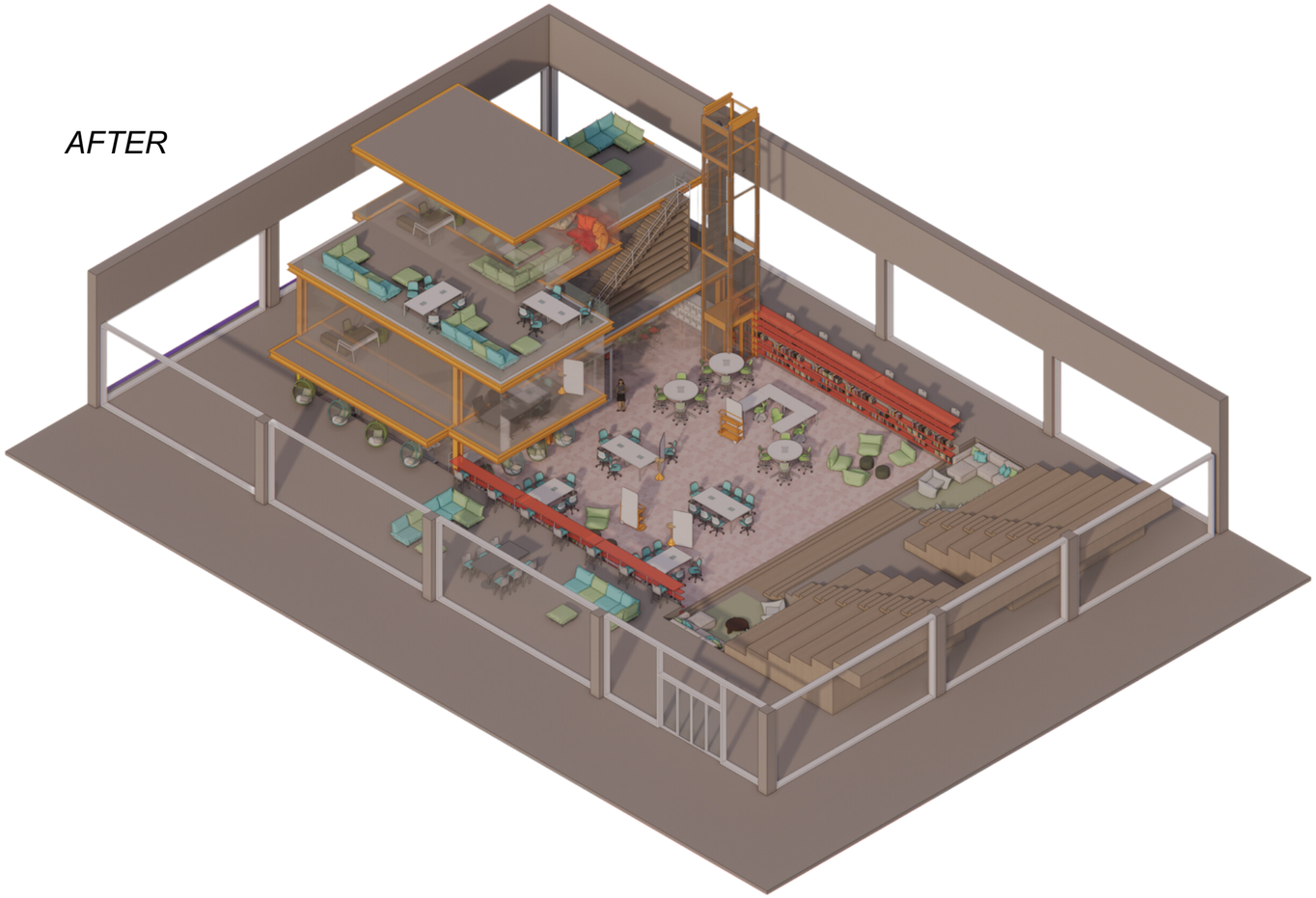
INTERIOR DESIGN

THE PROJECT INVOLVED DESIGNING AN INNOVATION GYM WITHIN WHAT USED TO BE THE AQUATIC DOME OF THE BORREGOS AT THE TECNOLÓGICO DE MONTERREY. THE CHALLENGE WAS TO UTILIZE THE VARYING LEVELS OF THE POOL AREA TO CREATE A FUNCTIONAL SPACE THAT MEETS THE REQUIRED PROGRAM.

BEFORE



AFTER

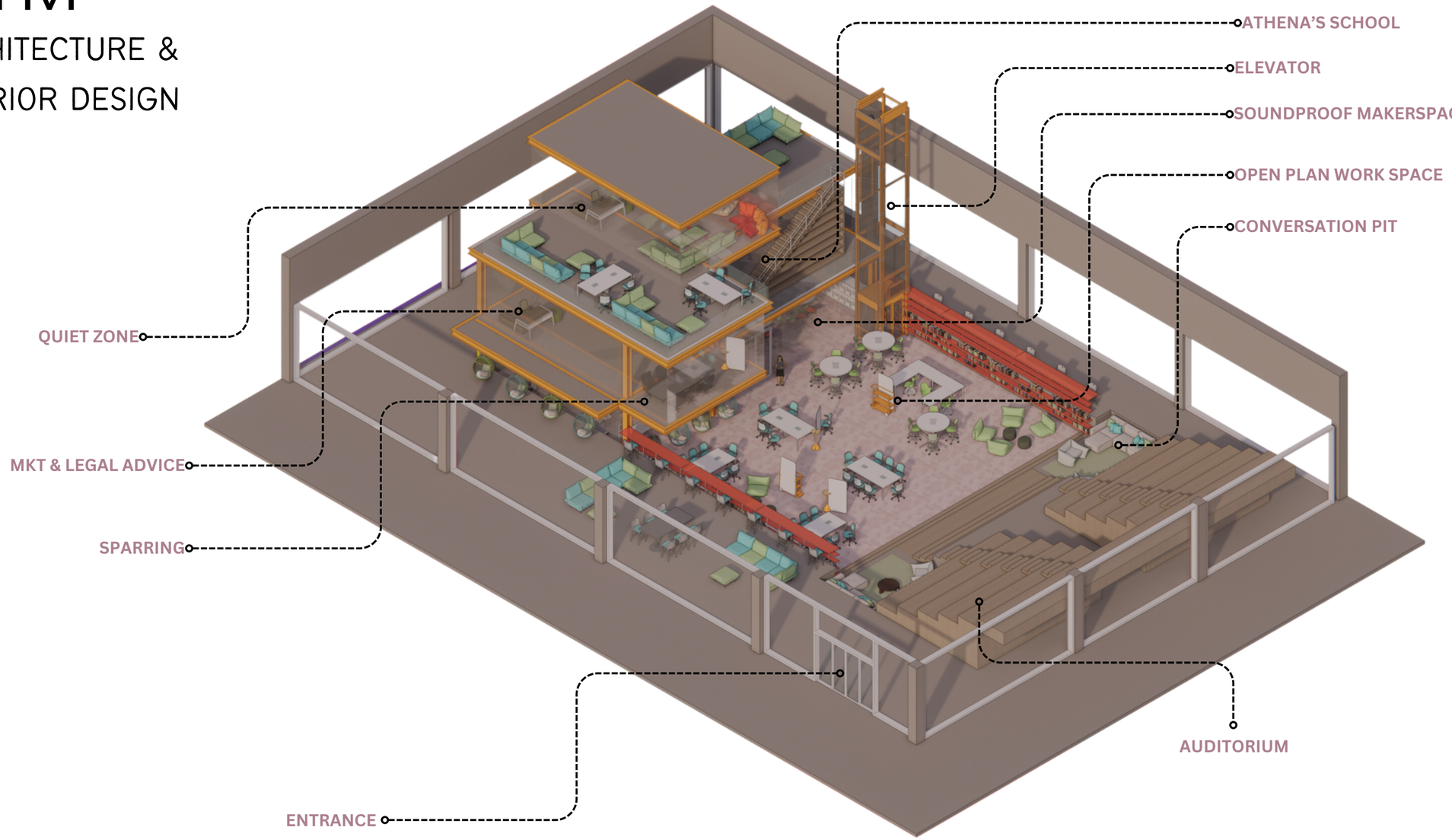


THE PROJECT WAS CREATED AND VISUALIZED USING SKETCHUP AND ENSCAPE.

INNOVACTION GYM

ARCHITECTURE & INTERIOR DESIGN

A SORT OF OPEN-PLAN ESPLANADE WAS CREATED FOR USE AS A WORKSPACE, ACCOMPANIED BY A THREE-LEVEL STRUCTURE WITH PRIVATE AREAS DESIGNED FOR SPECIFIC FUNCTIONS.



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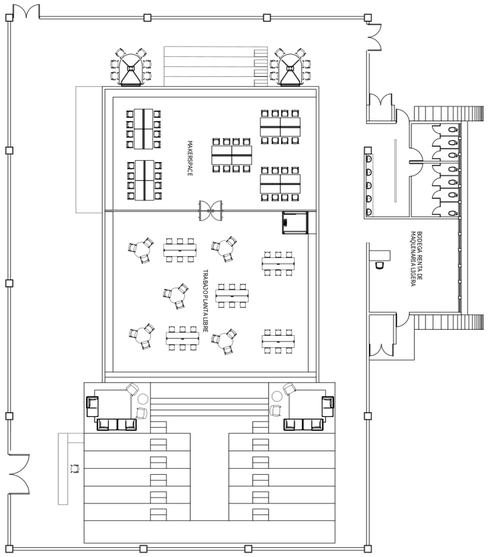
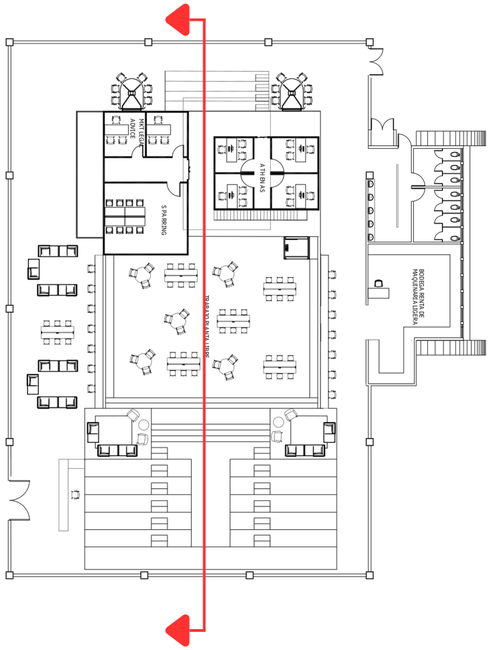
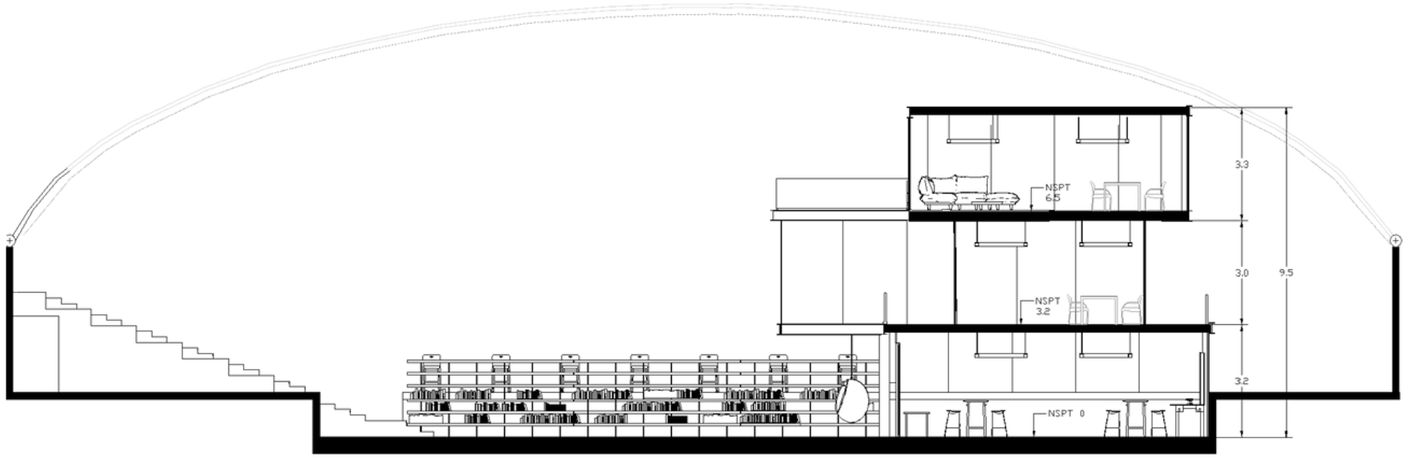


GROUND FLOOR



FIRST FLOOR



SECTION A

THE PROJECT WAS CREATED AND VISUALIZED USING SKETCHUP, AUTOCAD AND ENSCAPE.



THE PROJECT WAS CREATED AND VISUALIZED USING SKETCHUP, AUTOCAD AND ENSCAPE.





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THE PROJECT WAS CREATED AND VISUALIZED USING SKETCHUP, AUTOCAD AND ENSCAPE.

CASA SAN JUAN REMODEL

INTERIOR DESIGN

"THE PROJECT IS LOCATED IN FUENTES DEL VALLE IN SAN PEDRO GARZA GARCÍA. IT INVOLVES THE INTERIOR REMODELING OF A HOUSE BUILT IN THE 60S. CLOSETS, KITCHEN, AND CARPENTRY WERE DESIGNED AS PART OF THE PROJECT."



ENTRYWAY



TV STAND

THE PROJECT WAS CREATED AND VISUALIZED USING SKETCHUP, AUTOCAD AND ENSCAPE.



MAIN HALLWAY



SOCIAL AREA

THE PROJECT WAS CREATED AND VISUALIZED USING SKETCHUP, AUTOCAD AND ENSCAPE.



MASTER BEDROOM



TV STAND MASTER BEDROOM

THE PROJECT WAS CREATED AND VISUALIZED USING SKETCHUP, AUTOCAD AND ENSCAPE.





MASTER CLOSET

THE PROJECT WAS CREATED AND VISUALIZED USING SKETCHUP, AUTOCAD AND ENSCAPE.

GIRL'S ROOM

INTERIOR DESIGN

PROJECT DESIGNED FOR A RESIDENCE IN SAN PEDRO GARZA GARCÍA, SPECIFICALLY TAILORED FOR A THIRTEEN-YEAR-OLD GIRL. IT INCLUDES BUILT-IN FURNITURE WITH A WORKSPACE AND TELEVISION AREA, A HEADBOARD, AND A SOFA.







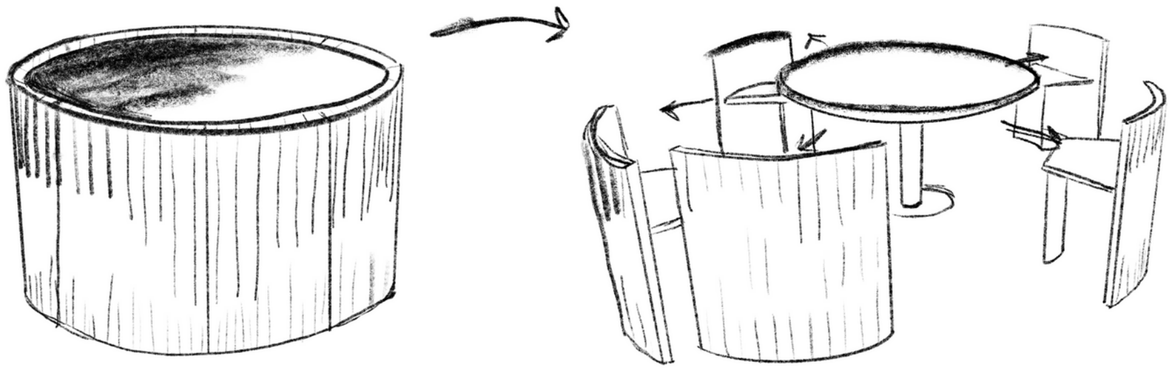
THE PROJECT WAS CREATED AND VISUALIZED USING SKETCHUP, AUTOCAD AND ENSCAPE.

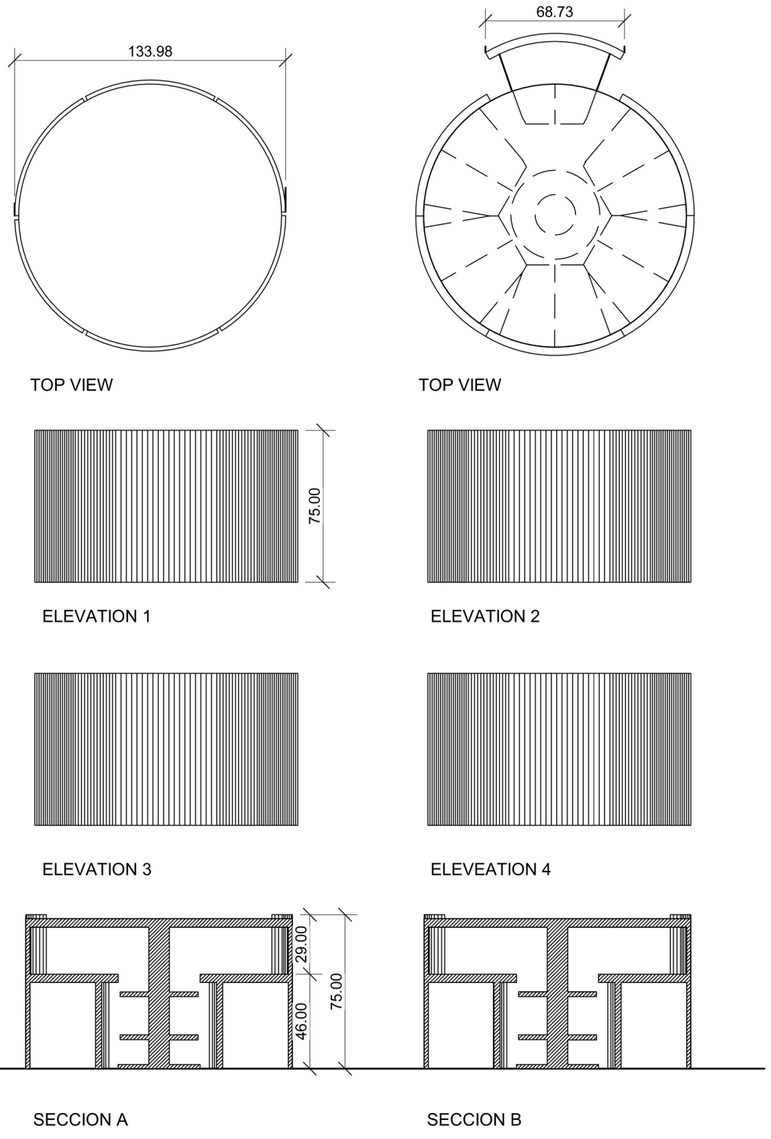
FURNITURE DESIGN

GAMING TABLE

FURNITURE DESIGN

"THE PROJECT INVOLVES CREATING A GAMING TABLE WITH BUILT IN STORAGE SPACE. THE IDEA IS TO DESIGN A TABLE WITH DUAL FUNCTIONALITY, SERVING AS BOTH A DECORATIVE PIECE SUITABLE FOR ANY SPACE AND A COMPACT TABLE THAT CAN BE UNFOLDED WHEN NEEDED FOR GAMING. THE CHAIRS ARE CRAFTED FROM PAROTA AND TICA WOOD, WHICH ARE MATERIALS SUITABLE FOR OUTDOOR AND INDOOR USE. THESE MATERIALS CAN COMPLEMENT VARIOUS DESIGN STYLES."





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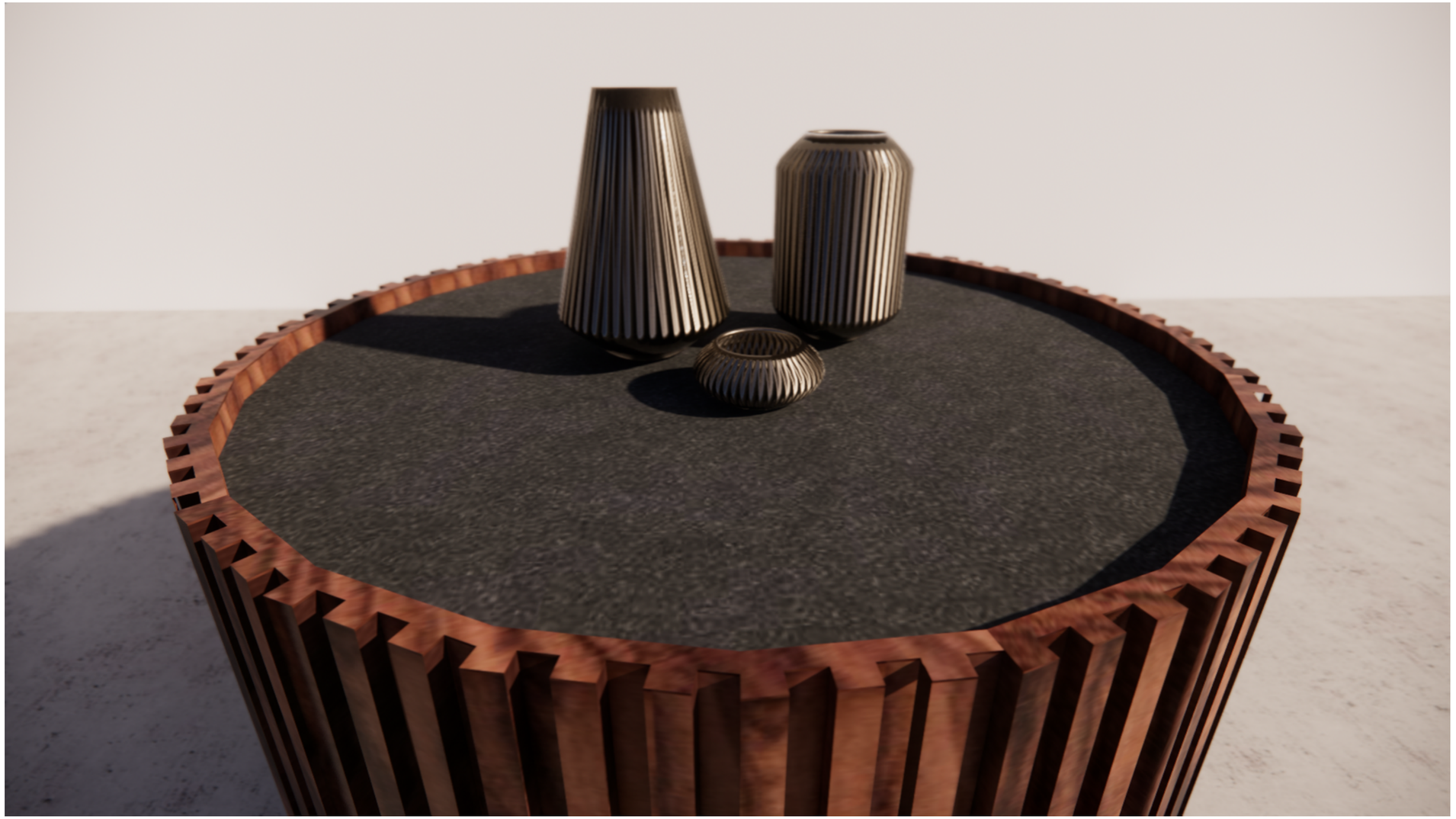

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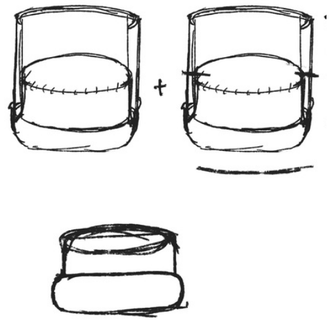
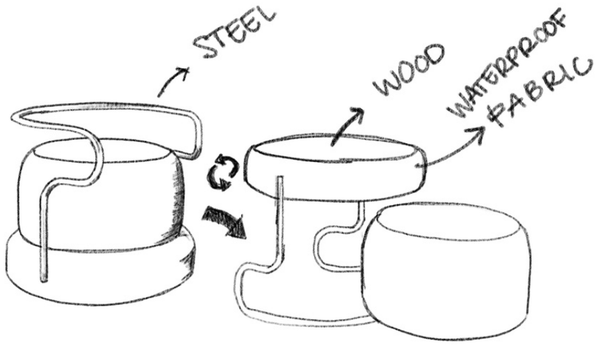
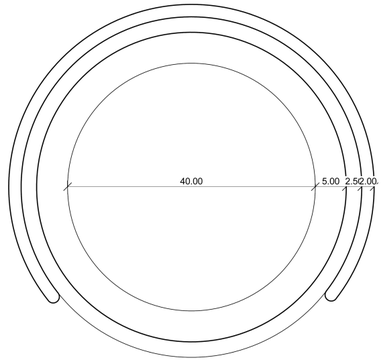
THE PROJECT WAS CREATED AND VISUALIZED USING SKETCHUP, AUTOCAD AND ENSCAPE.

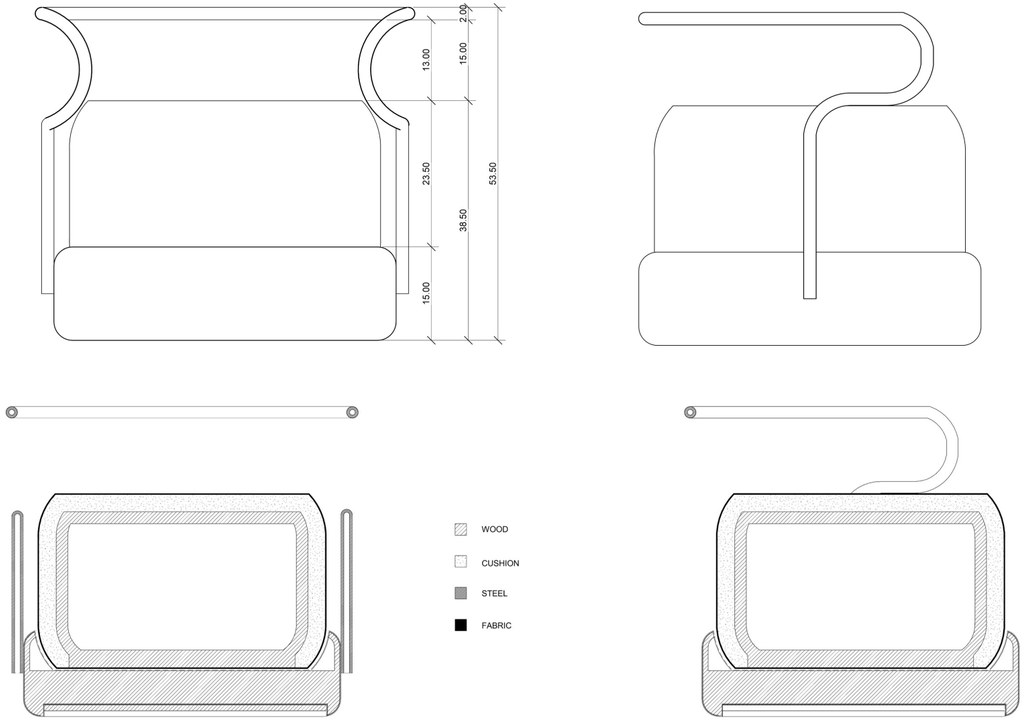
HIBRID TABLE

"THE PROJECT INVOLVES CREATING HYBRID FURNITURE THAT CAN BE USED IN TWO DIFFERENT WAYS. A POUF WAS DESIGNED, WHICH CAN BE USED AS A SEAT AND, WHEN FLIPPED, SERVES AS A SEAT + TABLE. THIS FLEXIBLE SEATING IS PERFECT FOR ADAPTING TO THE CLIENT'S NEEDS."







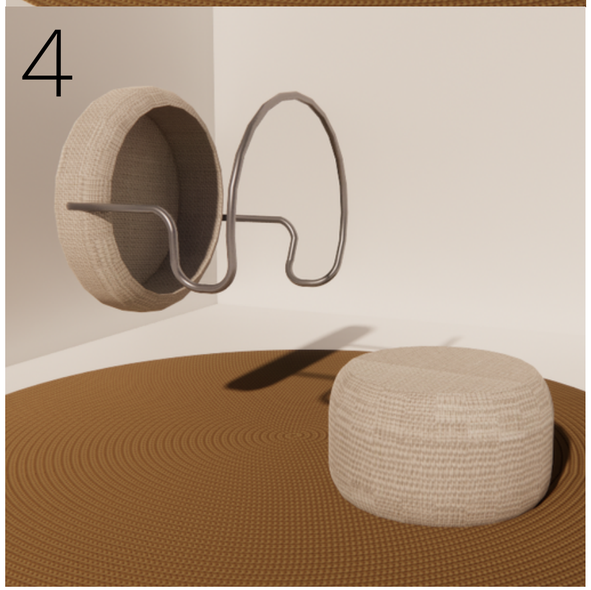


THE PROJECT WAS CREATED AND VISUALIZED USING SKETCHUP, AUTOCAD AND ENSCAPE.





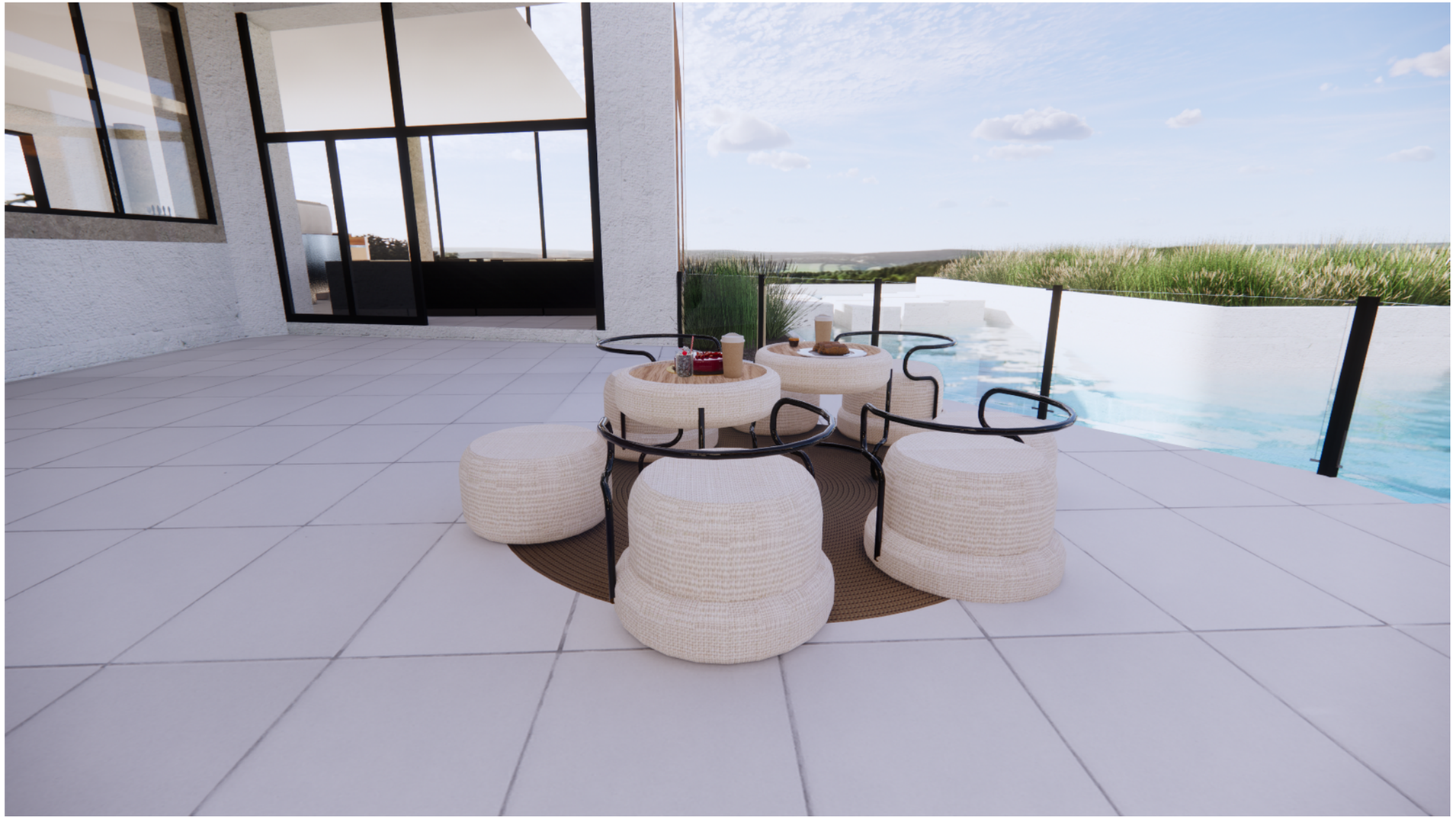








THE PROJECT WAS CREATED AND VISUALIZED USING SKETCHUP, AUTOCAD AND ENSCAPE.



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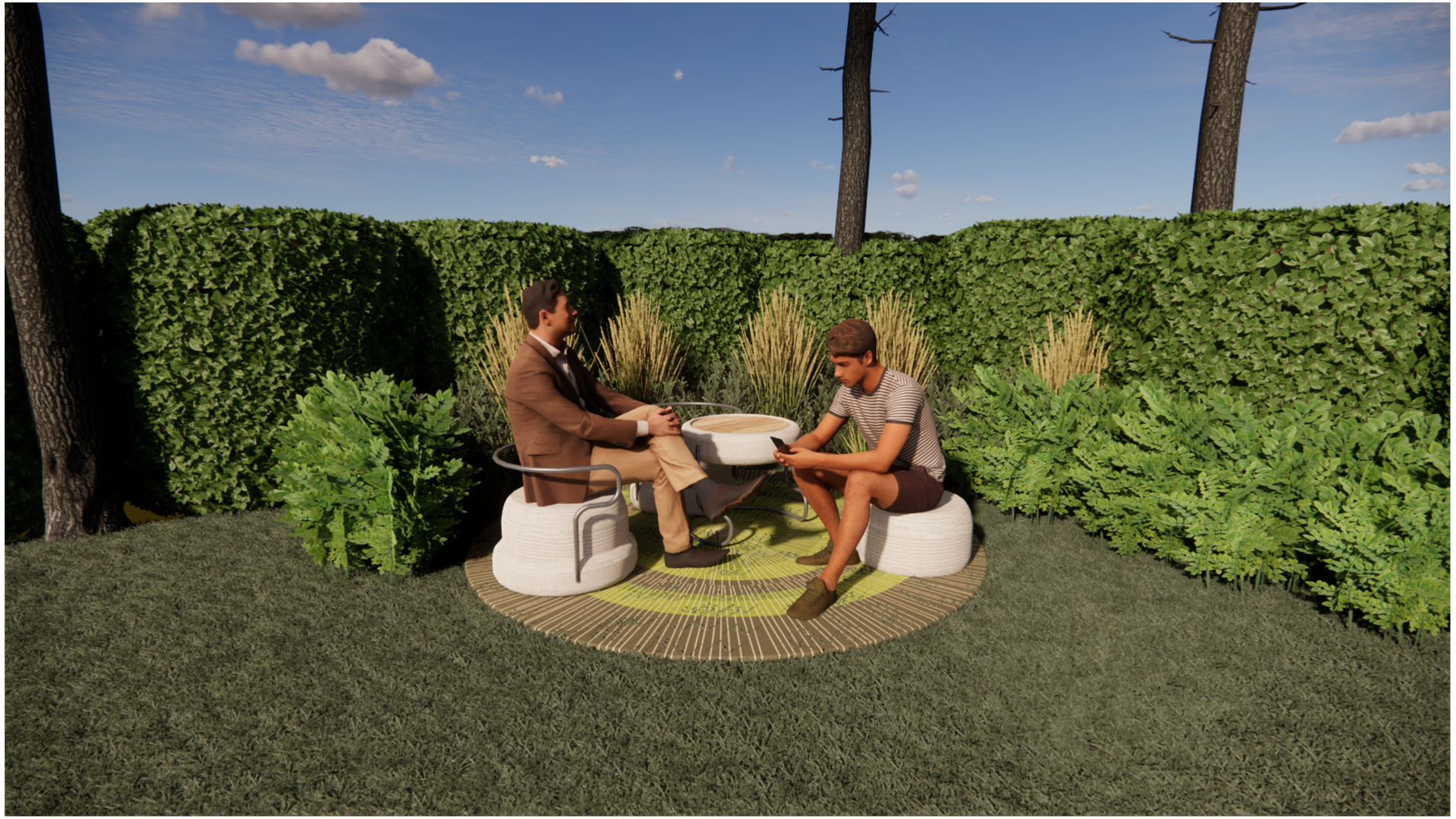

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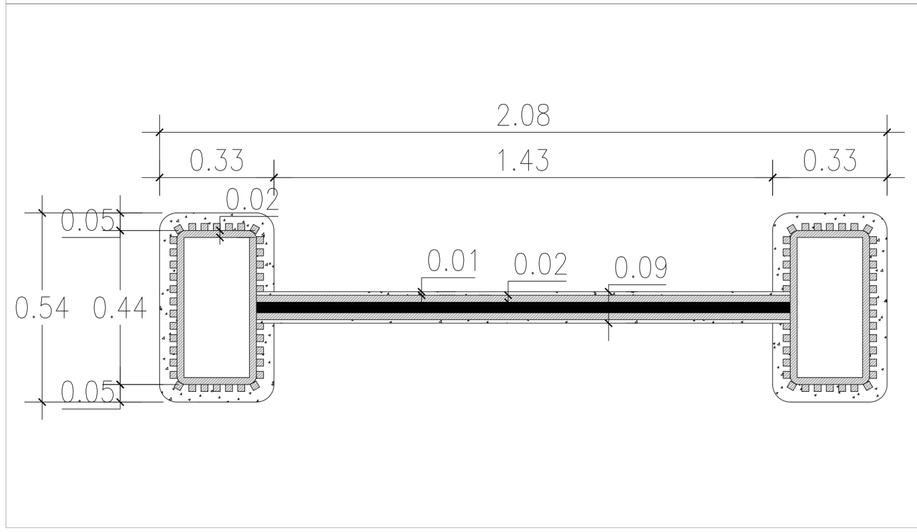
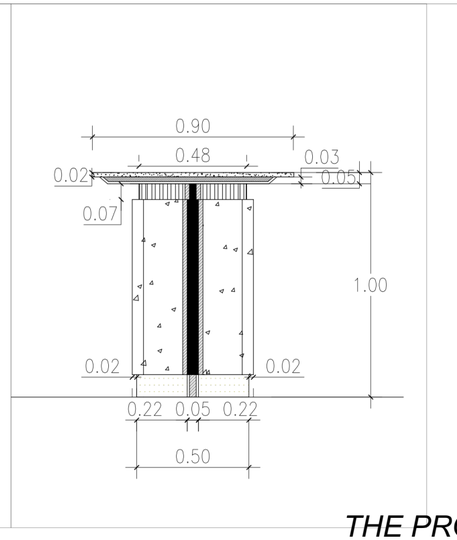
EX. TECNICAL DRAWINGS

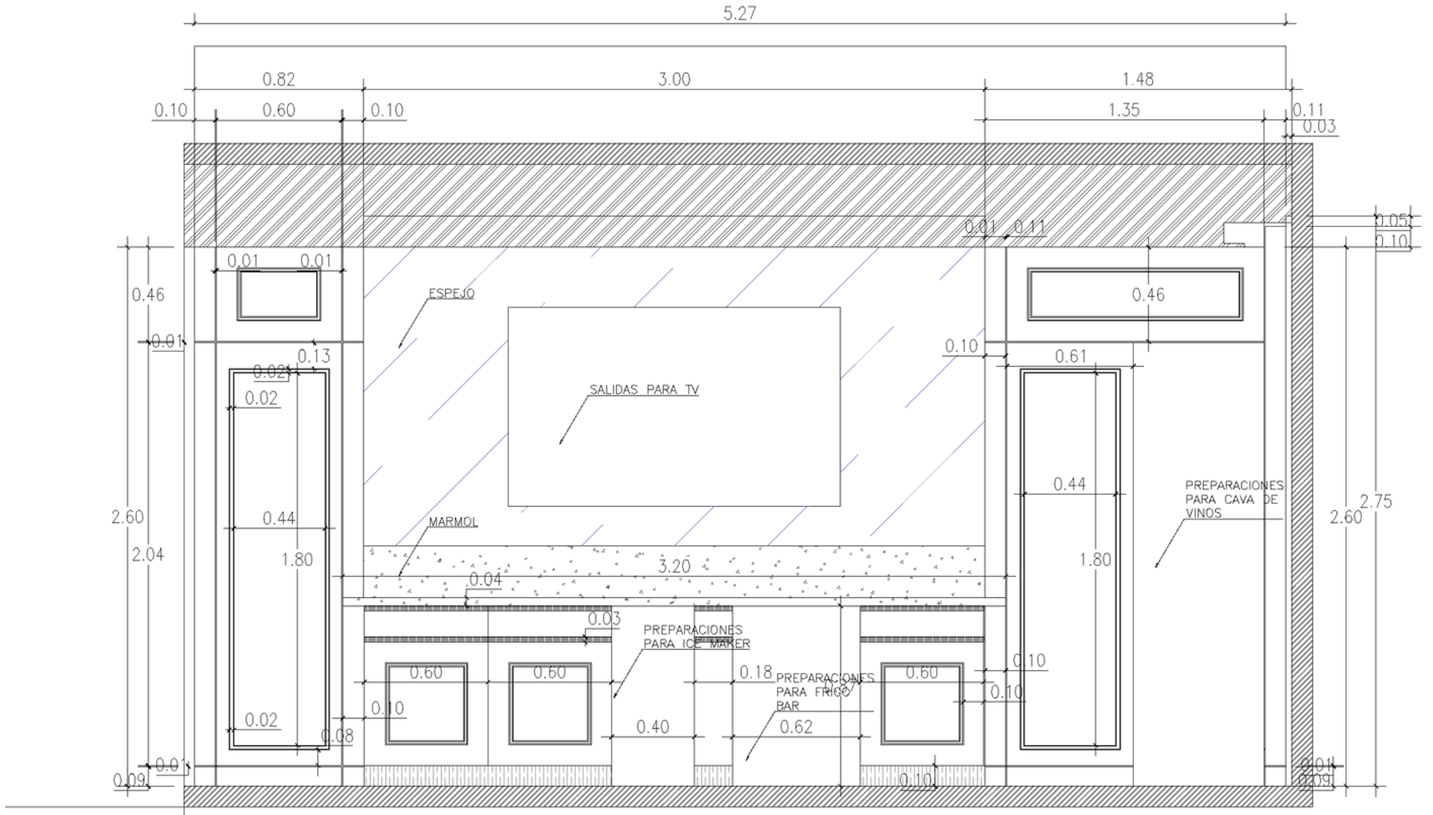


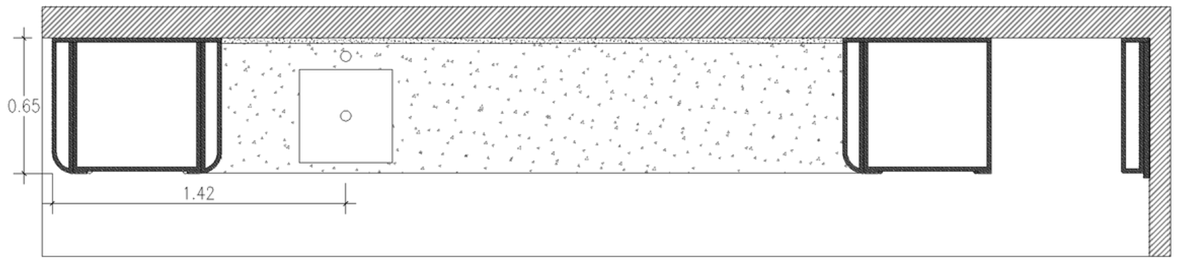




BAR

THE PROJECT WAS CREATED AND VISUALIZED USING AUTOCAD.





MUEBLE BAR

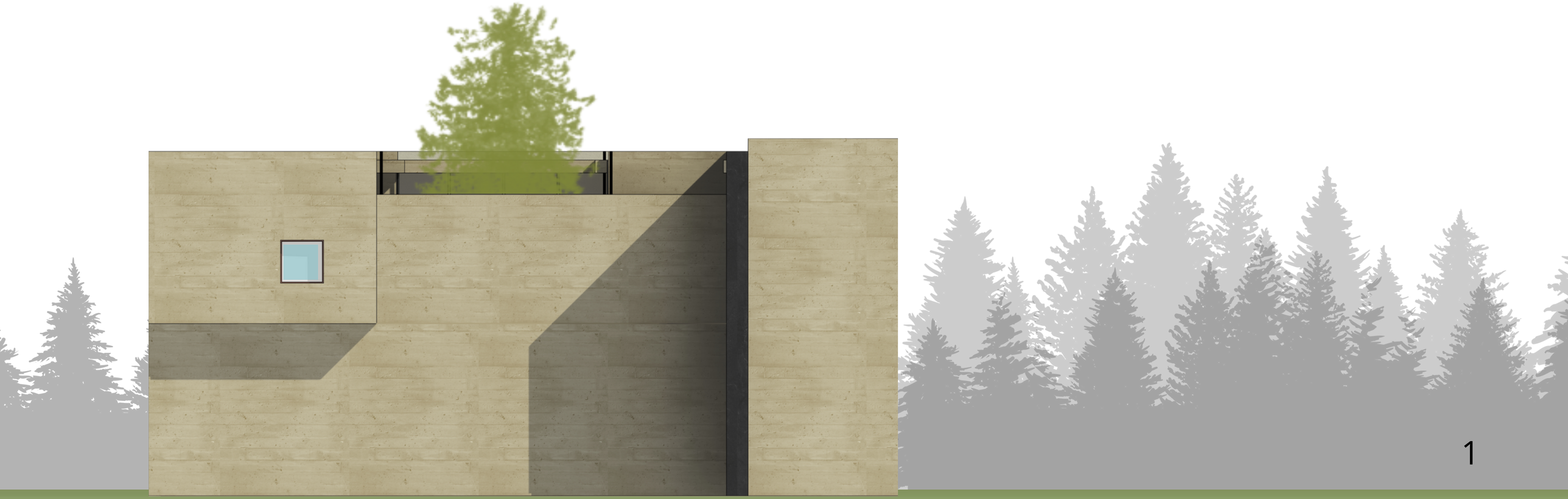
THE PROJECT WAS CREATED AND VISUALIZED USING AUTOCAD.

ARCHITECTURE

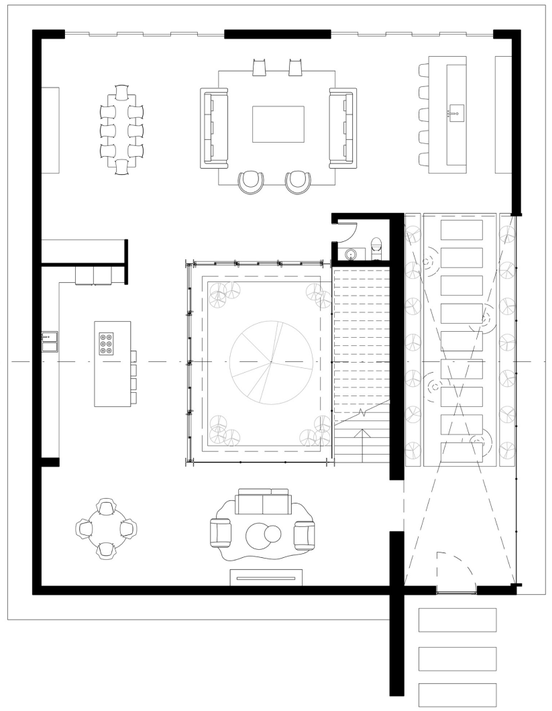
CASA LDM

5TH SEMESTER

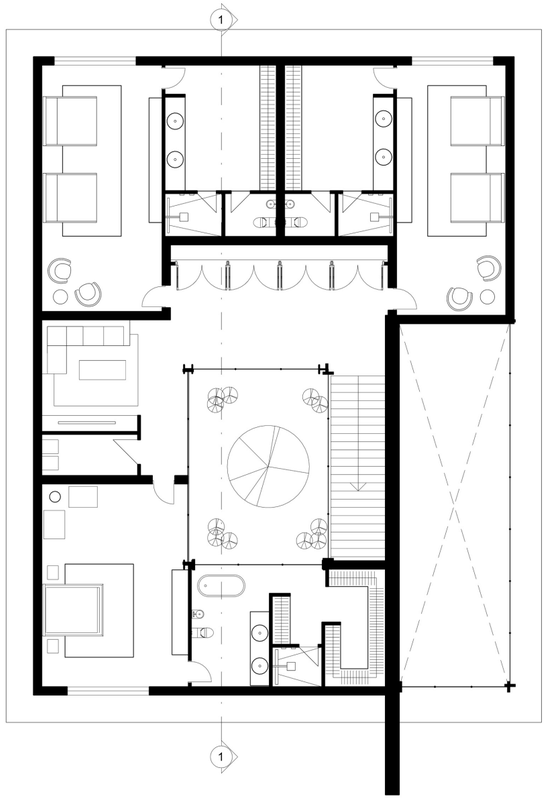
"THE LDM HOUSE IS DESIGNED FOR USERS TO REVOLVE AROUND NATURE. NESTLED IN THE HEART OF THE ROCKY MOUNTAINS, IT IS INTENDED TO BE USED AS A VACATION VILLA. WITH A CONTEMPORARY DESIGN AND THE USE OF NATURAL MATERIALS SUCH AS STONE, WOOD, AND CONCRETE, WE AIM TO BRING THE OUTDOORS INSIDE. THE CENTERPIECE OF THE HOUSE IS AN INTERNAL CENTRAL GARDEN VISIBLE FROM EVERY CORNER, ALLOWING FOR VIEWS OF GREEN PLANTS AND TREES FROM ALL AREAS."



THE PROJECT WAS CREATED AND VISUALIZED USING AUTOCAD, REVIT AND ENSCAPE



GROUND FLOOR



LEVEL 1





THE PROJECT WAS CREATED AND VISUALIZED USING AUTOCAD, REVIT AND ENSCAPE





THE PROJECT WAS CREATED AND VISUALIZED USING AUTOCAD, REVIT AND ENSCAPE





THE PROJECT WAS CREATED AND VISUALIZED USING AUTOCAD, REVIT AND ENSCAPE

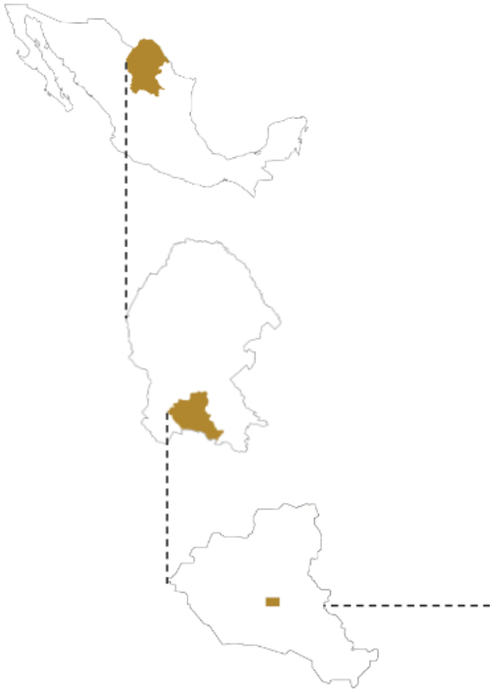
RENOVATION OF AN OLD MILL

8V0 SEMESTRE

"THE PROYECTA AWARD, GRANTED BY THE COLLEGE OF ARCHITECTS OF NUEV

THE HISTORY

THE YEAR IT WAS BUILT IS UNKNOWN. THE SITE ORIGINALLY OPERATED AS A FLOUR MILL, CULTIVATING CORN ON ITS LAND. AROUND 1850, IT WAS ABANDONED AS OTHER, MORE POPULAR TECHNIQUES EMERGED. SUBSEQUENTLY, IT WAS USED FOR LIVESTOCK AND THEIR FEED. WALNUT TREES WERE PLANTED TO GENERATE INCOME AND MAKE USE OF ALL AVAILABLE LAND. TODAY, THE SITE BELONGS TO THE RIVERO GONZÁLEZ FAMILY, OWNERS OF THE FLESA AND RGMX WINERY."



25°35'6.63"N , 102°10'31.65"W
COAH 102, COAH.

ACTUAL STATE







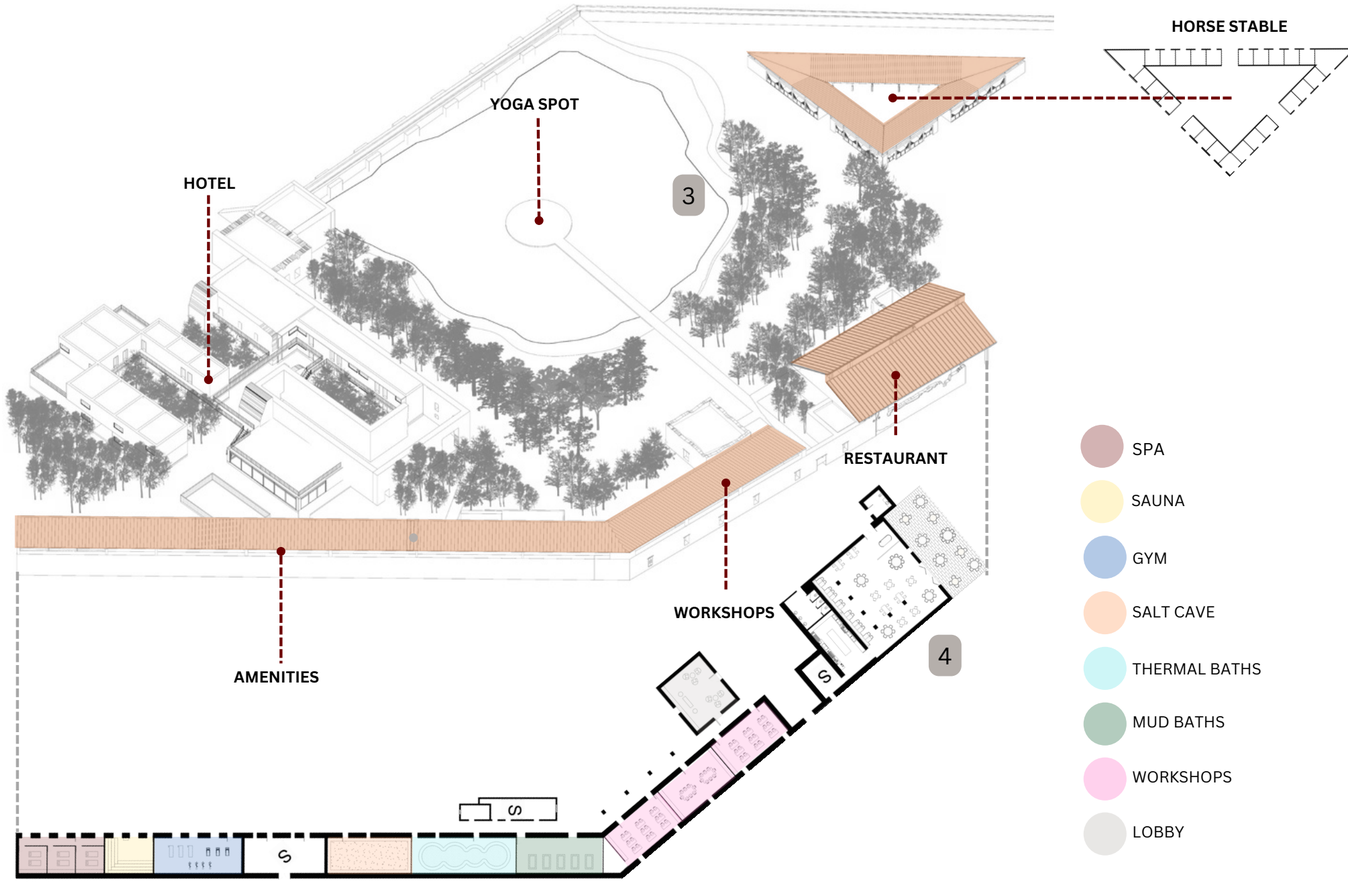
THE PROJECT WAS CREATED AND VISUALIZED USING AUTOCAD, REVIT AND ENSCAPE

THE CONCEPT

"THE IDEA IS TO PRESERVE ALL THE EXISTING SPACES TO MAINTAIN THE HISTORICAL ESSENCE OF THE PLACE BUT ASSIGN THEM A NEW PURPOSE TO BRING THEM BACK TO LIFE. NEW VOLUMES WERE ADDED TO THE MILL TO CONTRAST THE OLD WITH THE NEW AND CREATE A DIALOGUE. TRANSFORMING THE GROUNDS WITH A WATER MIRROR AND LANDSCAPING DESIGN FEATURING REGIONAL VEGETATION."

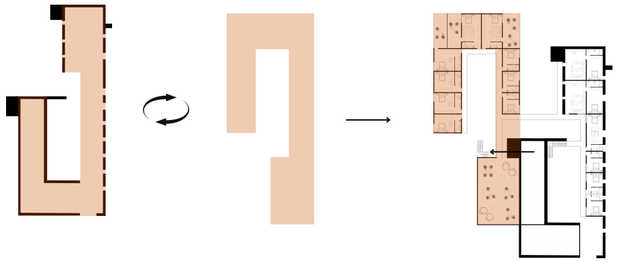


THE PROGRAM



THE PROJECT WAS CREATED AND VISUALIZED USING AUTOCAD, REVIT AND ENSCAPE

THE HOTEL



ORIGINAL PLAN

NEW PLAN



HOTEL ROOMS
EXHIBITION ROOM
LUDOTECA
GUEST RESTAURANT
POOL
INTERIOR GARDENS



NEW PART
OLD PART

Click to watch tour video









THE PROJECT WAS CREATED AND VISUALIZED USING AUTOCAD, REVIT AND ENSCAPE

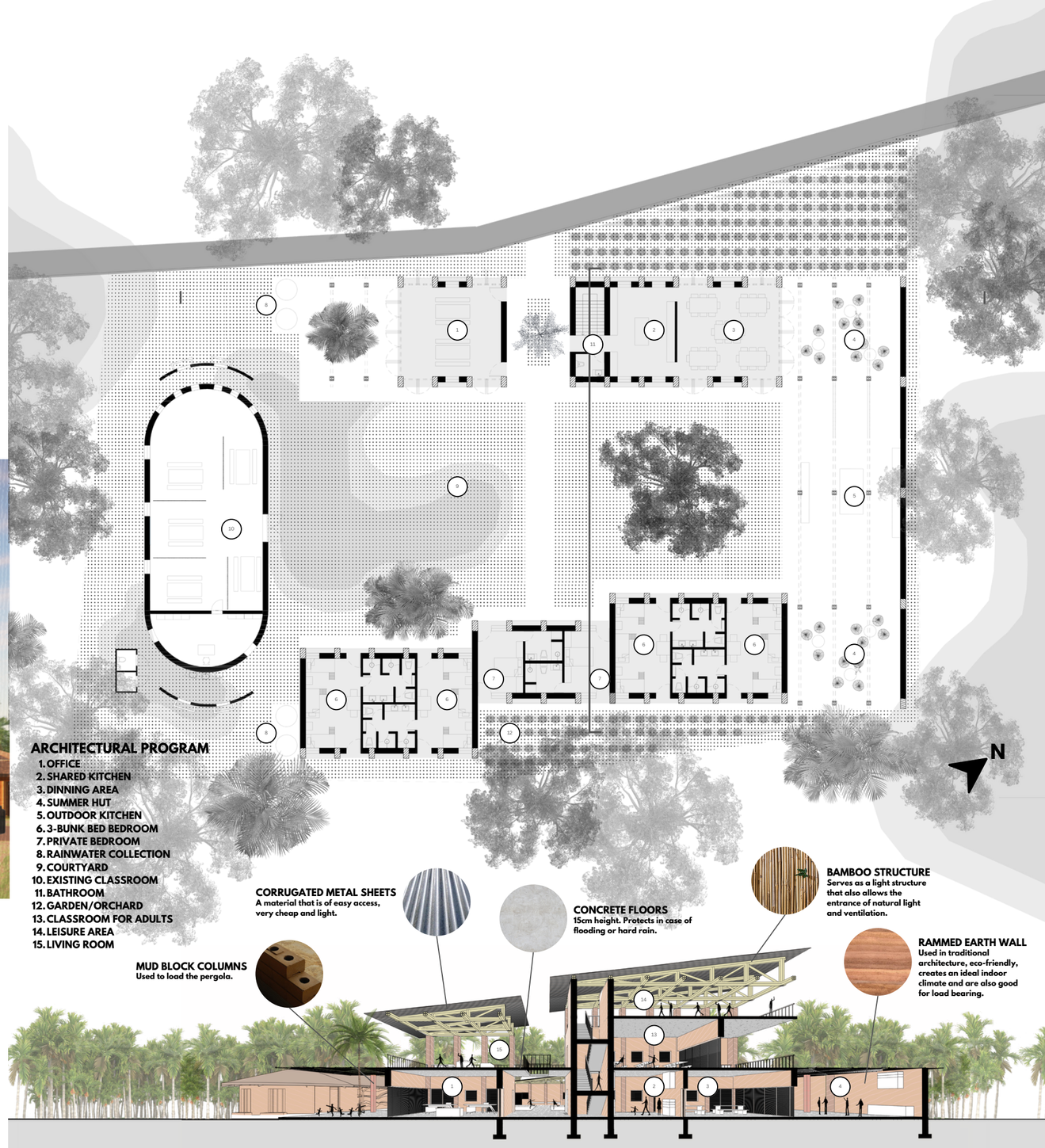
THE BEACH HOUSE

TEACH ON THE BEACH CONTEST

"THE PROJECT IS LOCATED IN A SITE NEAR THE COAST OF GHANA, A COUNTRY KNOWN FOR EXPERIENCING FREQUENT MONSOONS AND A LACK OF EDUCATIONAL FACILITIES. THE CHALLENGE WAS TO CREATE A SPACE WHERE LOCALS COULD COME TO LEARN WITH VOLUNTEERS — A COMMUNITY CENTER THAT INVITES PEOPLE TO COEXIST, PLAY, LEARN, EAT, AND STAY. IT WAS NECESSARY TO ADD DORMITORIES FOR VOLUNTEERS WHO COME FROM AROUND THE WORLD."



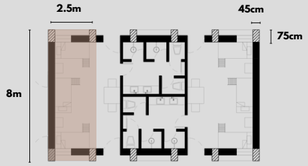
THE PROJECT WAS CREATED AND VISUALIZED USING AUTOCAD, REVIT AND ENSCAPE AND PHOTOSHOP.





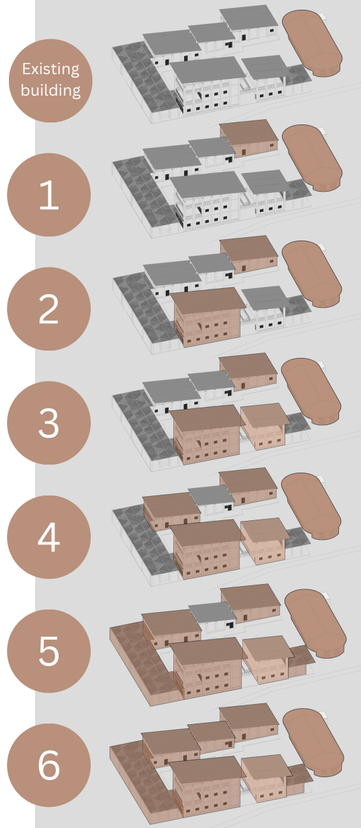
THE PROJECT WAS PRIMARILY DESIGNED FOR IT TO BE ABLE TO BE CONSTRUCTED IN PHASES. BUILDING EACH PHASE IN ORDER OF PRIORITIES SO IT CAN BE USED DURING CONSTRUCTION. ALSO, IT WAS REQUIRED TO CREATE AN ALMOST SELF SUSTAINABLE BUILDING IMPLEMENTING BIOCLIMATE STRATEGIES SUCH AS:

MODULAR CONSTRUCTION



The whole project is designed with modules and flexible spaces, this makes it easier to build in stages and allows all areas to serve more than one purpose.

CONSTRUCTION PHASES



1. **BUNK-BED BEDROOM 1.**
   It was decided to add this as the first stage to allow volunteers to stay as soon as possible. This can help accelerate the construction process as volunteers may help in construvtion works.
2. **LIVING, KITCHEN AND CLASSROOM.**
   This building is essential for everyday living. One of the advantages of this section, is that the building is flexible, it can be adapted for every need while the remaining stages are in process.
3. **OFFICE**
   Offices are essentials for everyday administration. Nevertheless, as well as the previous building, it can be adapted to every need.
4. **BUNK-BED BEDROOM 2.**
   More space for volunteers.
5. **OUTSIDE COMMON AREAS**
   These areas are fast and easy to construct but necessary.
6. **PRIVATE BEDROOMS**
   As this private bedrooms are not essential for the functionality of the building, it was decided to stage it as the last phase.

CROSS VENTILATION



The project has wooden louvers and an open roof that serves as an entrance that maximizes the effect of cross ventiliation.

RAIN WATER COLLECTION



The inclined roofs allow the rainwater to be easily harvested through gutters that transport the water to a tank. Rain water can be used for watering plants, toilets, etc.

NATURAL LIGHT AND SUN PROTECTION



The roofs prevent the building from recieving direct sunlight and excessive heat, but still allows enough light to illumiate the interiors.



DO IT YOURSELF

RAMMED EARTH COLUMN

1.Prepare the plywood formwork and fill with layer of moist earth mixed with cement.

2. Compact the earth with pneumatic nackfill tamper

3.Add next layer and repeat process.

4.Add additional layers of aerth mixed with cement.

5.Once dry, remove the plywood revealing the rammed earth column.

(same method applies to walls too)

