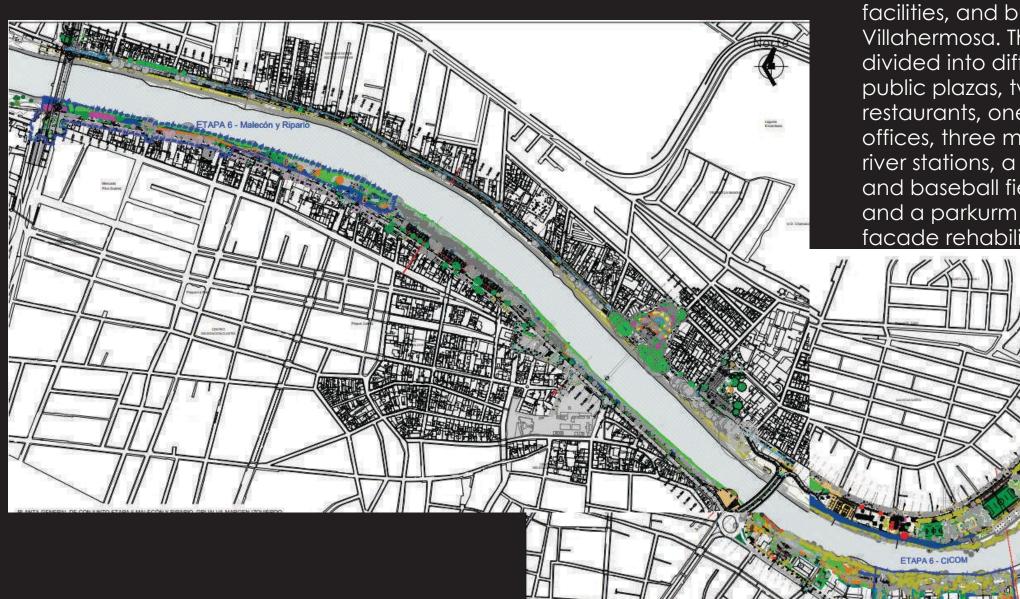
# PORTAFOLIO



MIGUEL R.

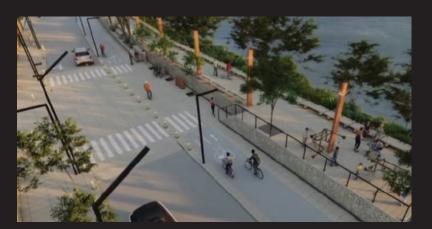
Architect



The "PARQUE LINEAL RÍO GRIJALVA" project consists of the urban and architectural rehabilitation of the streets, plazas, parks, facilities, and buildings that run along the Río Grijalva boardwalk in Villahermosa. The project covers approximately 300,000 m2 and is divided into different phases. These include roads, sidewalks, four public plazas, two parks, one museum, one market, three restaurants, one restroom building, one security building with offices, three maintenance booths, four pavilions, six bus stops, four river stations, a sports center with soccer fields, five-a-side football, and baseball fields, a skate park, a playground, a calisthenics area, and a parkurm area. Additionally, the project also includes a facade rehabilitation and interior design work.



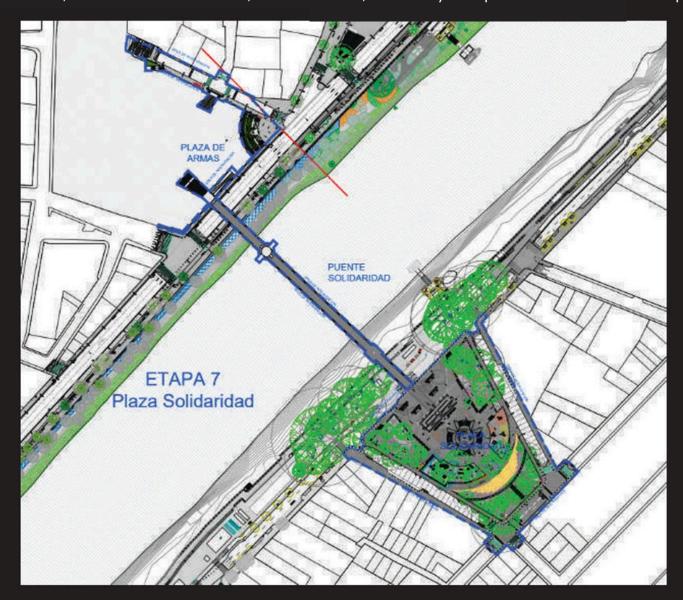






# 1.1 ETAPA 7 SOLIDARIDAD

Stage 7 of the Malecón Grijalva project, also known as Stage 7 SOLIDARIDAD, consists of the renovation of the Plaza de Armas, the Puente Solidaridad, and Parque Solidaridad. For the Solidaridad Park project, a complete redesign of the plaza was undertaken, including increased green areas, steps, a fountain, and a sculpture. The plaza underwent a complete redesign, a public restroom was added, all lighting and street furniture were replaced, and the roadway was modified to increase the number of lanes. Architectural, masonry, finishes, ironwork, signage, furniture, bathroom details, stair and ramp details, latticework details, demolition, and layout plans were drawn up.

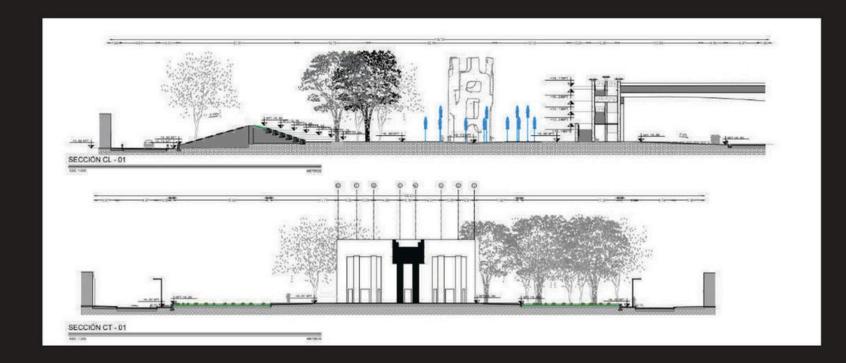


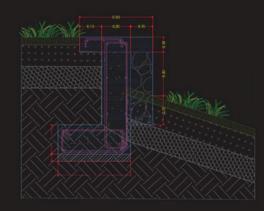




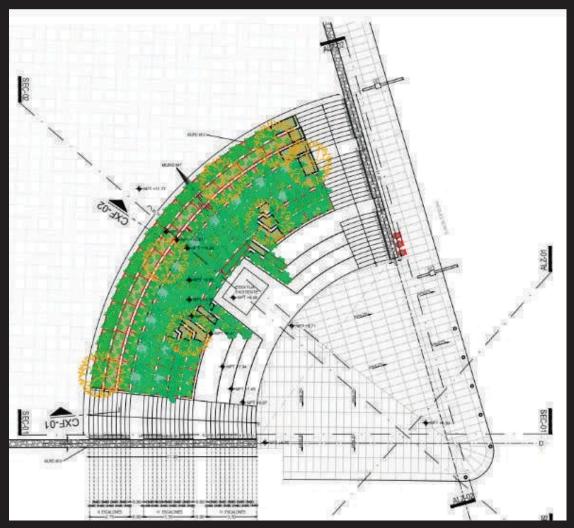


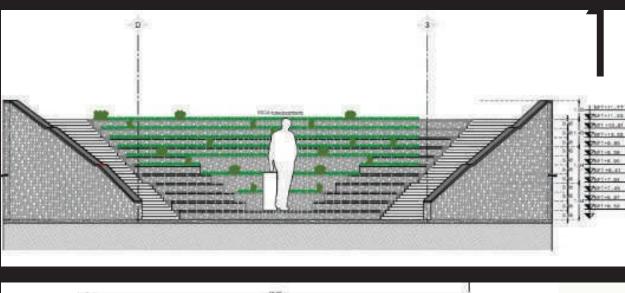


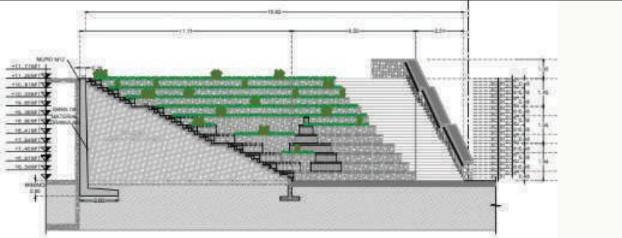




Crown based on a 10cm concrete slab with Roswell yellow pigment. Veneered with Mascupana stone approximately 15cm thick and 20-40cm in diameter, bonded with a 1:3 cement-sand mortar with joints up to 2.5cm apart. Reinforced concrete wall with f'c = 250kg/cm2. #2 abutments @ 30cm. #3 rebar.



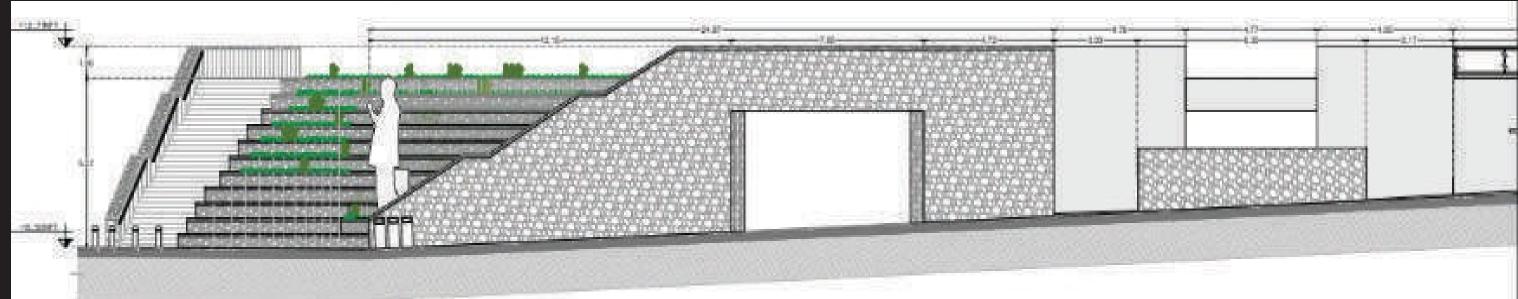




Stage 7 of Solidarity continues on the main square. The design was based on an existing sculpture. Finishes, lighting, and street furniture were also changed. A staircase was added to reach the upper level, where the bridge is accessed and other activities are held.

The Solidarity Bridge underwent minor work; general maintenance was performed, and the lighting fixtures were replaced.

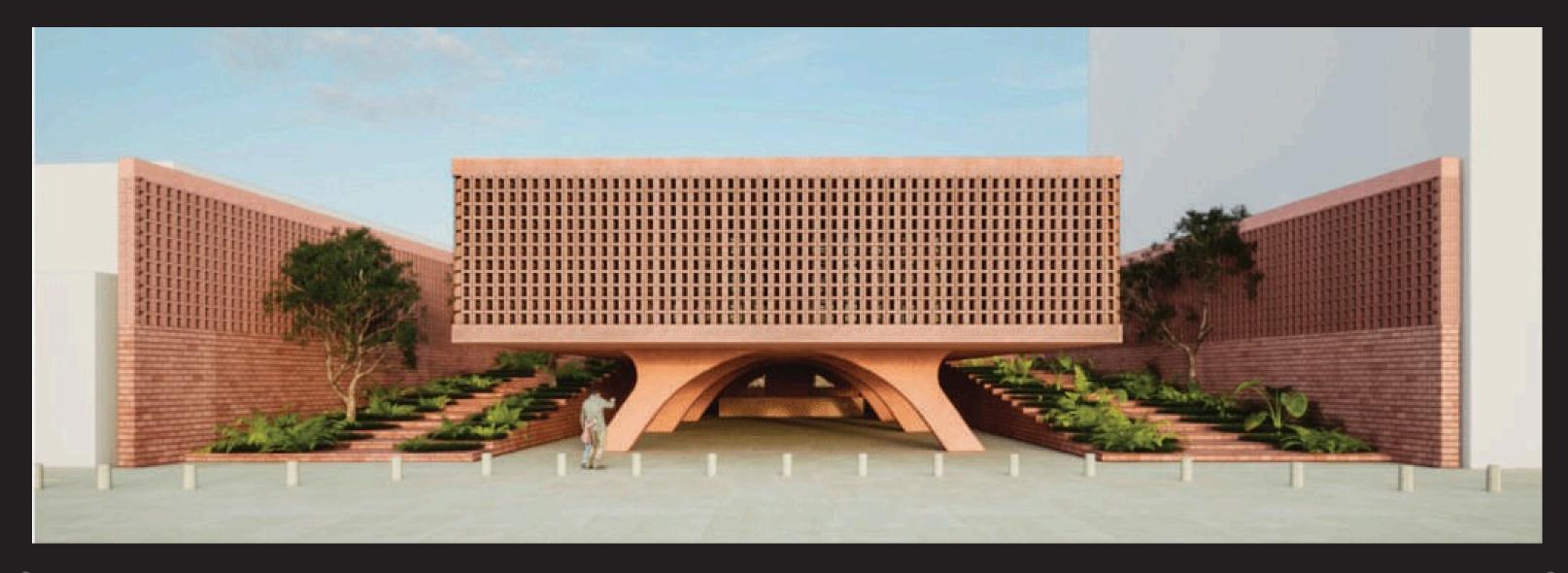
Architectural, masonry, finish, furniture, lighting, signage, and general details were submitted.



# 1.2 LA

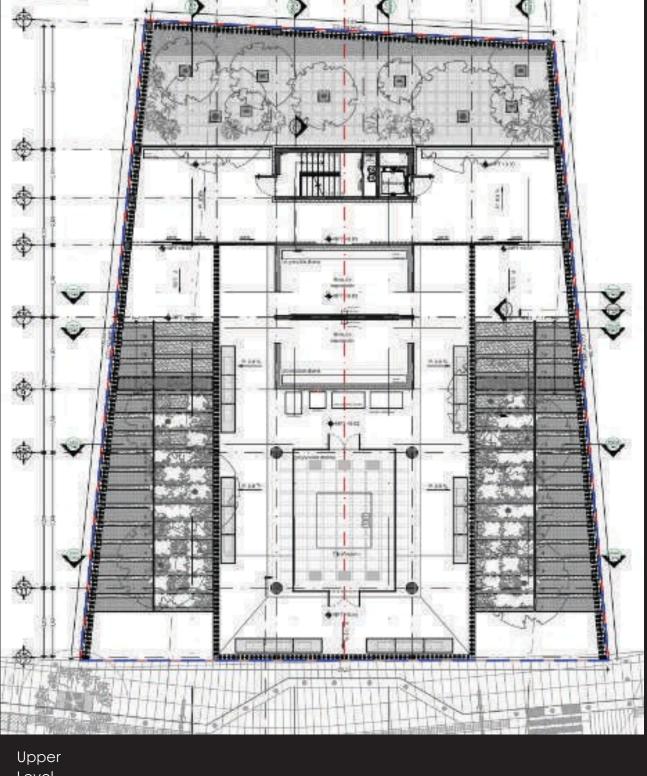
# CACAOTERA

La Cacaotera, also known as the La Cacaotera Regional Museum, is a museum where you can learn about the process of making cocoa-based products in an educational and interactive way. It features exhibition halls and processing rooms to learn about this process. The concept of this design is based on a reinterpretation of the existing building located on this property (which had to be demolished for safety reasons). The floors and walls feature modular red brick finishes with a very specific layout, as well as the lattices that surround the entire project. The aim is also to highlight the selected plant palette, which integrates naturally into the project as an additional element.



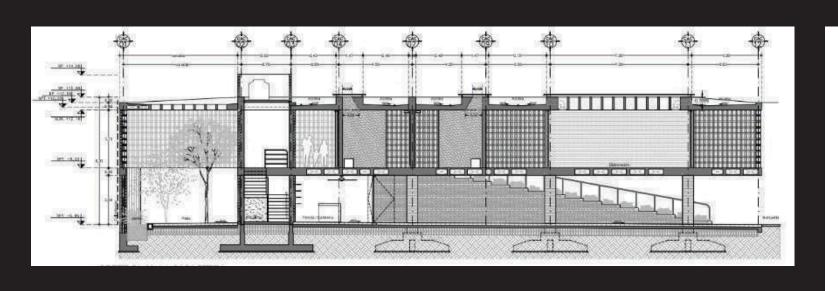


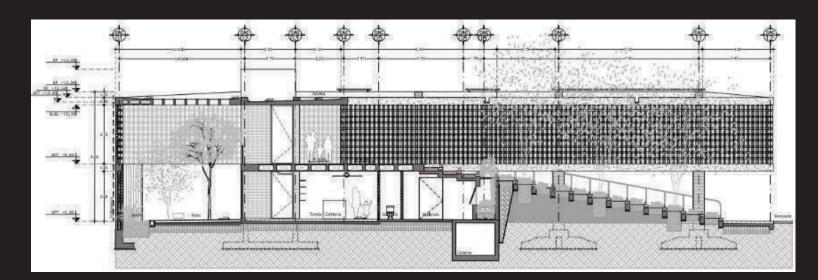


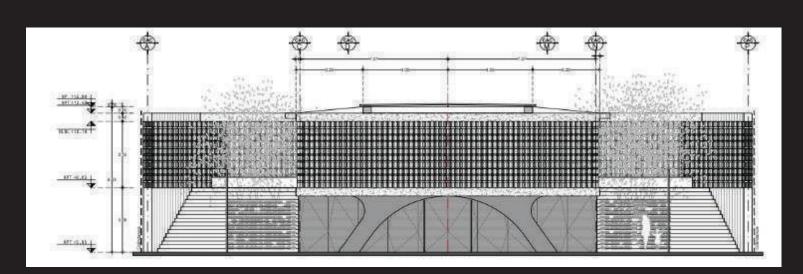


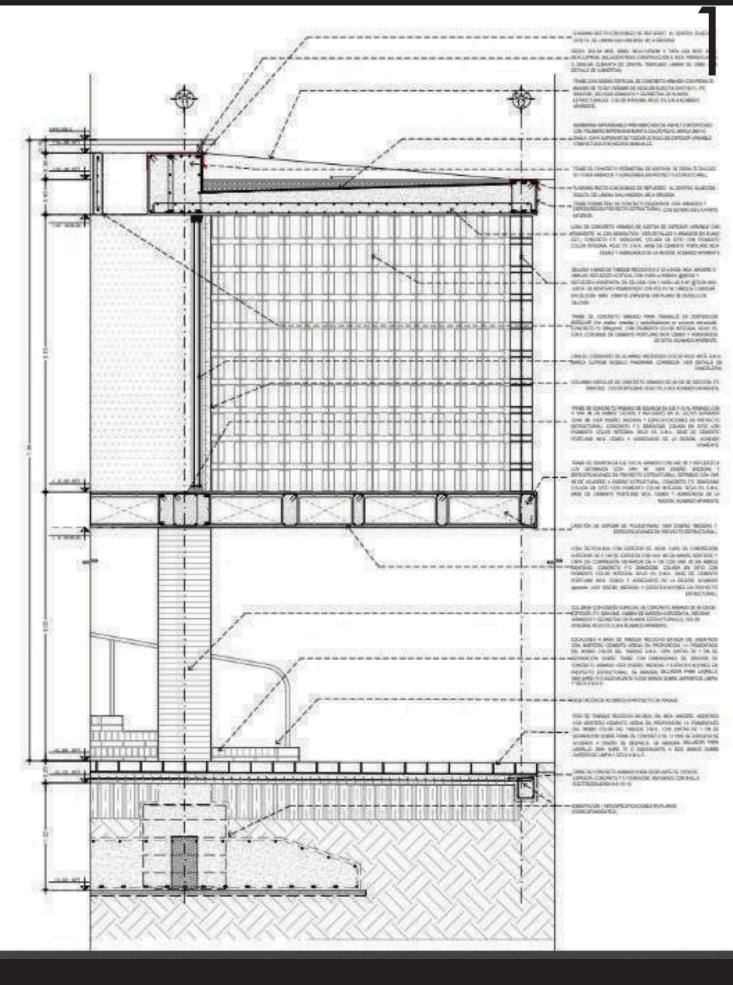
Level

For this project, architectural plans, masonry, finishes, exploded views, ceilings, windows, ironwork, carpentry, bathroom details, latticework details, staircase details, roof details, signage, furniture, lighting criteria, exterior works, layout, and demolition were prepared.





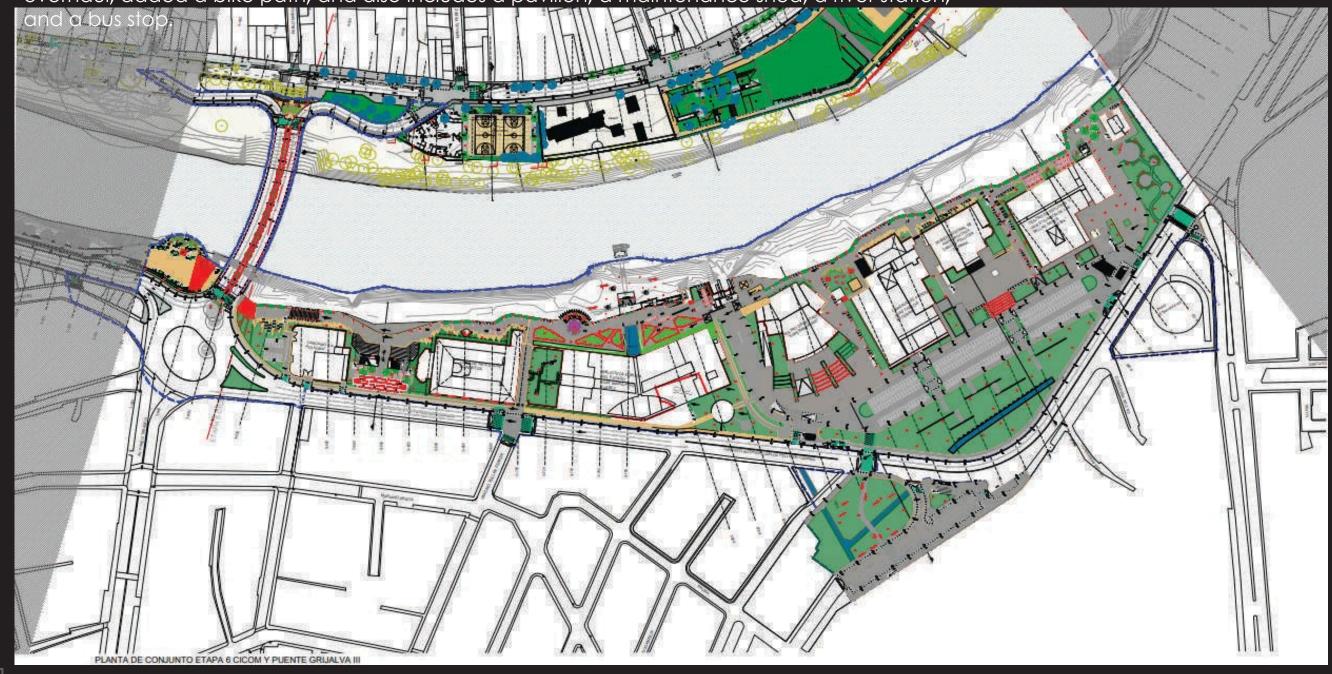


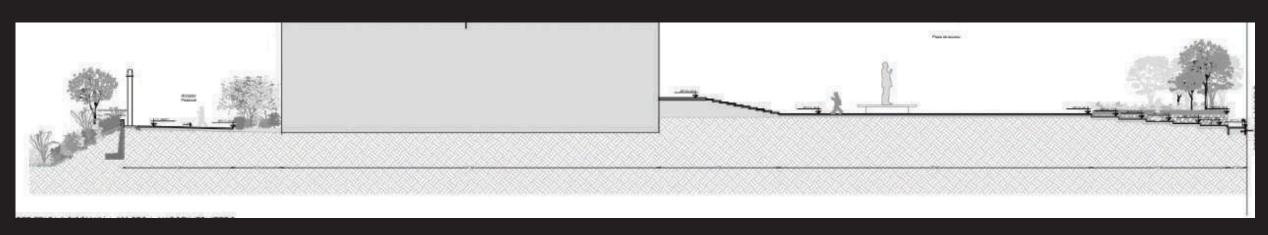


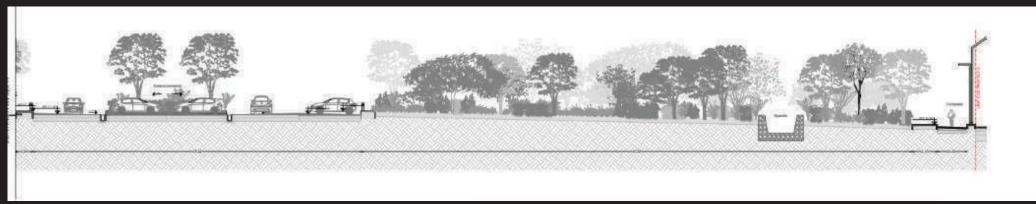
# 1.3

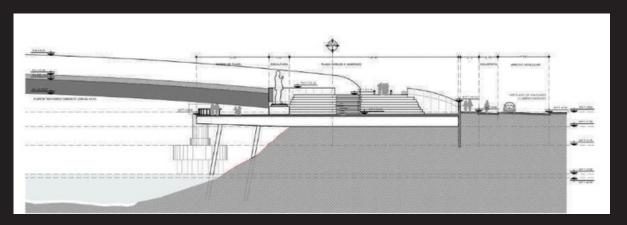
# CICOM

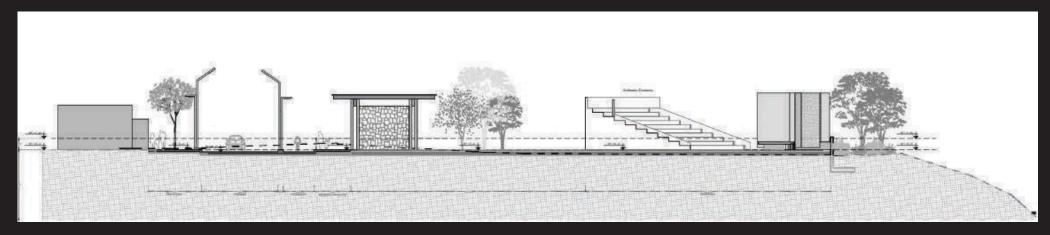
vPhase 6 of the CICOM project includes Plaza A Madrazo, the Tabasco Bridge, and the CICOM project, a complex of buildings and public spaces. The project underwent a complete overhaul, added a bike path, and also includes a pavilion, a maintenance shed, a river station,



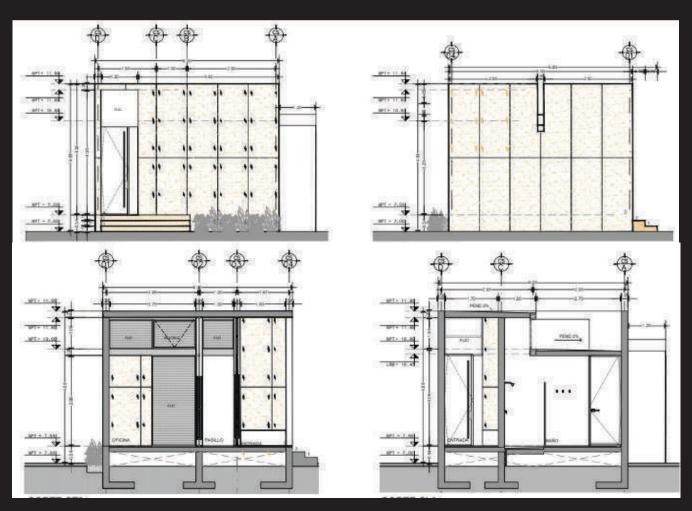




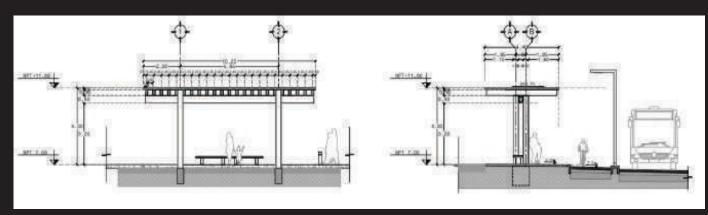




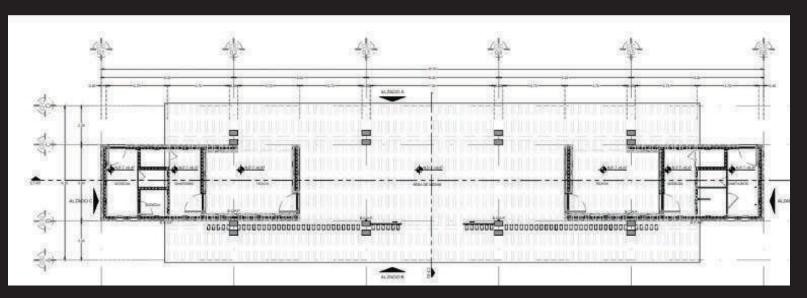
cortes cicom



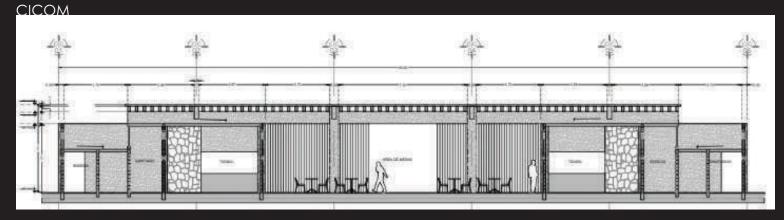
caseta de mantenimiento



estación de Autobus



Pabellon de parque



Pabellon de parque CICOM

For the buildings, architectural, masonry, finishing, ironwork, window frames, bathroom details, layout, demolitions and corresponding details plans were prepared for the correct execution of the buildings.

The Cholula Building project consists of an apartment building. A 3D model was developed in Revit to quantify the materials used in the project. Concrete and steel were used for the structural walls, finishes, door and window types, and other elements. The same model was also used to visualize the architecture. It was rendered using TwinMoon software.







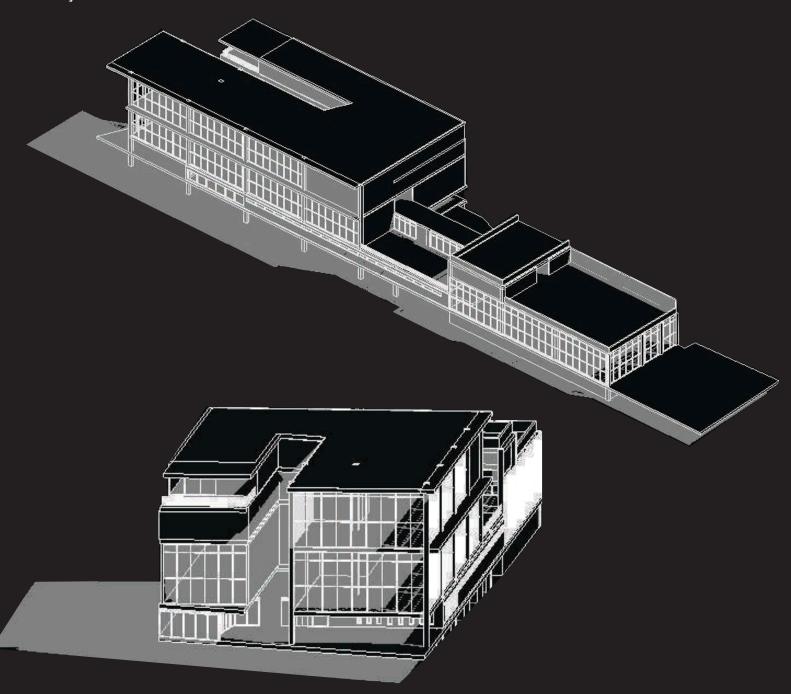
 $\frac{1}{2}$ 

#### DESCREIPCIÓN DEL

PROYECTO El proyecto del centro social juvenil se realizó para el taller de constucción en

acero, el obtener actividades originales para que el edificio destacara sobre otros provectos con un polen solistacer mismo fue el adminipiementar un programa arquitectornico para satisfacer las necesidades de usuarios jovenes en busqueda de actividades recreativas, se buscó

objetivo similar.



')

# PROGRAMA ARQUITECTÓNICO + ZONIFICACIÓN





#### RENDE



Gimnac io

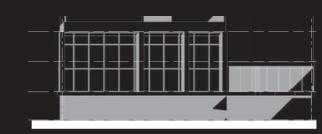
## FACHADA



## FACHADA OESTE

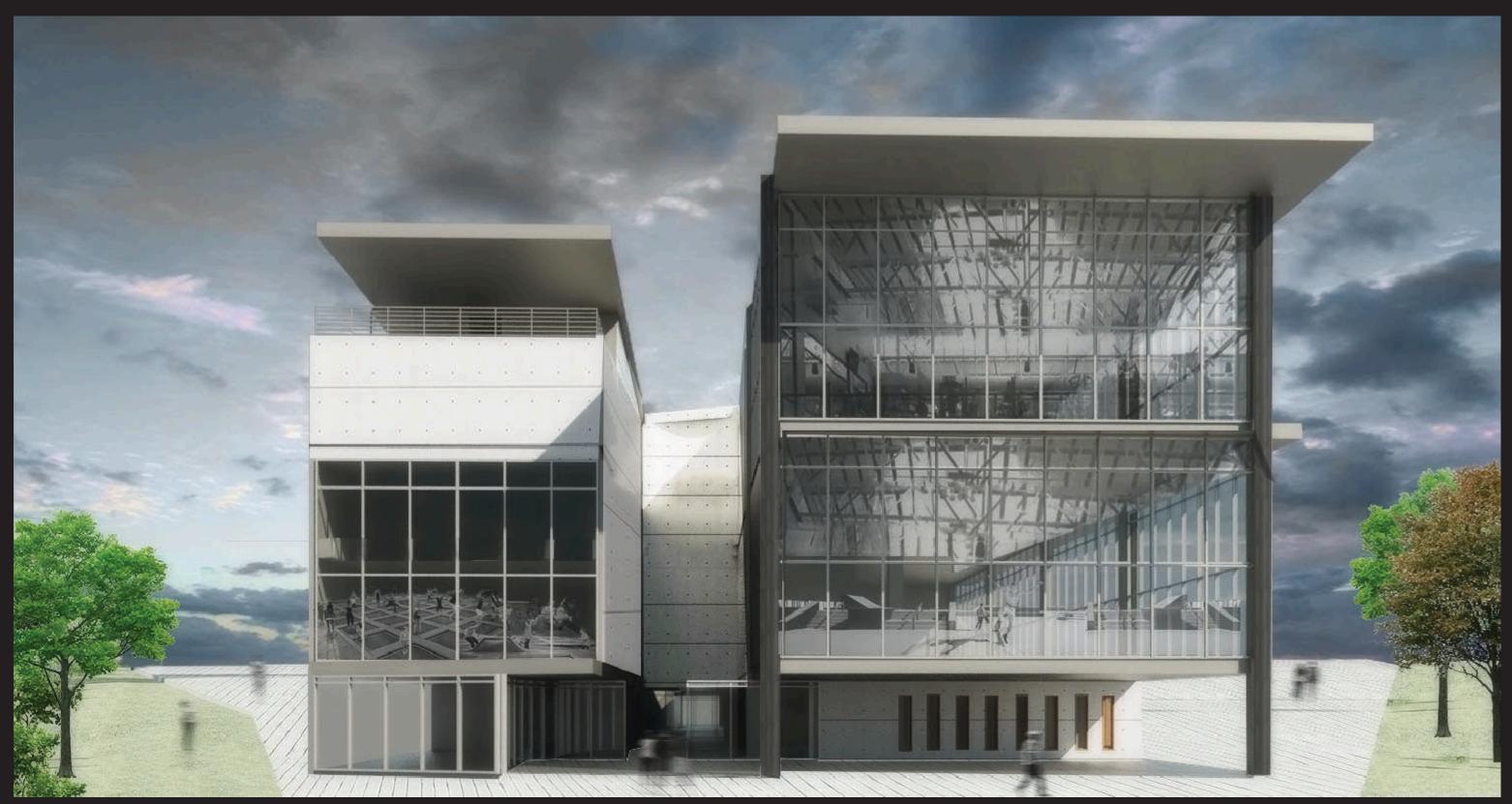


### FACHADA ESTE



## RENDE

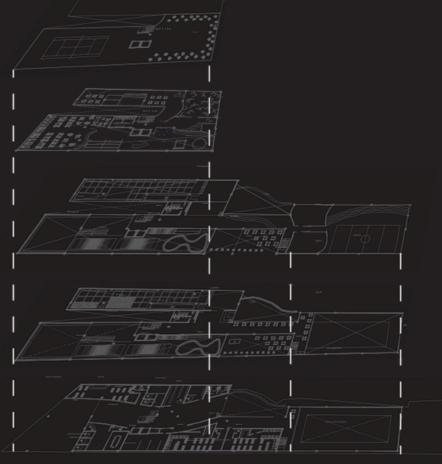
R



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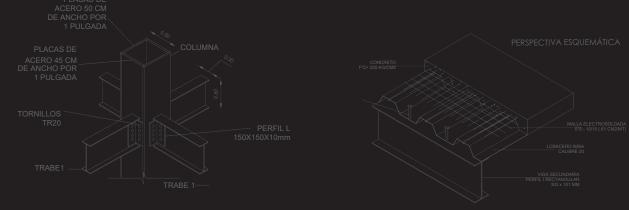
2

## PLANTAS ARQUITECTÓNICAS

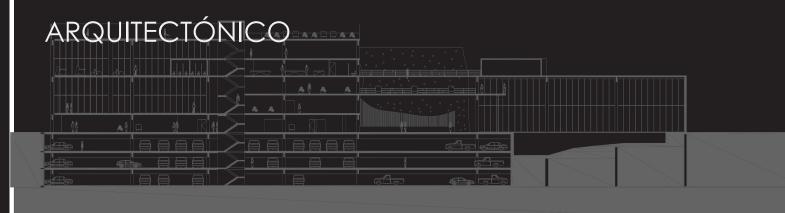




## SISTEMA CONSTRUCTIVO

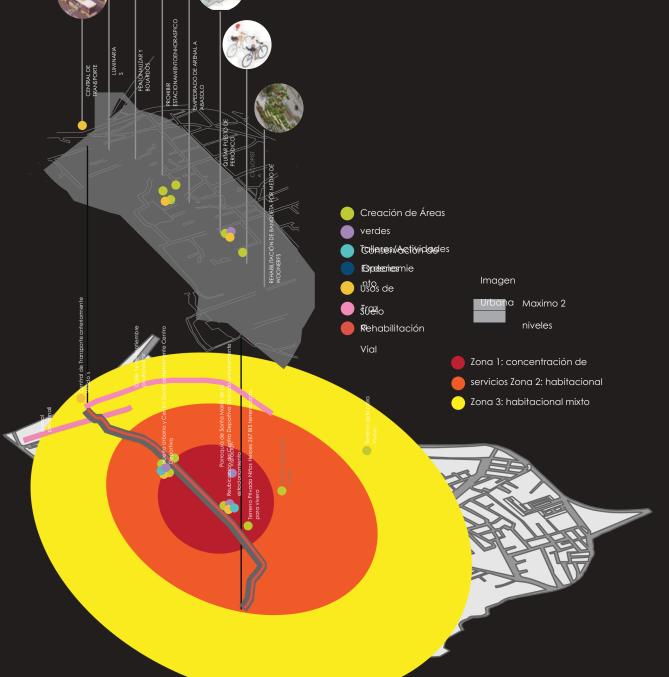


#### CORTE



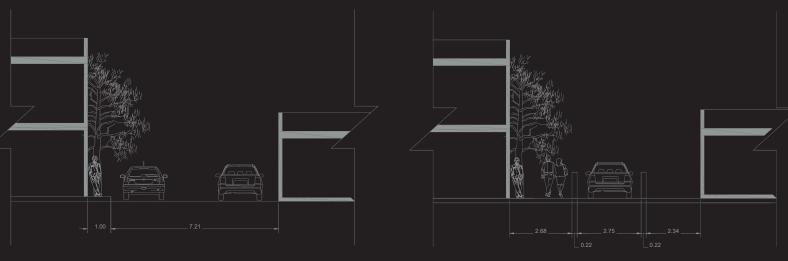


As part of my community service, a site analysis of the town of Santa Maria Tepepan was conducted. A site diagnosis was performed, and a master plan proposal was drawn up in teams. Additionally, we were individually assigned a section of Cuauhtémoc Street to work on. Because the space in my section was adequate, however, it was poorly distributed in terms of sidewalk and street space. There was vegetation and street furniture obstructing pedestrian space, and the sidewalk slopes were very high. I opted for the option of maintaining the entire street at an elevated level, separating pedestrians from cars with a bollard system, solving the problems.









Situación Actual

Propuest

а

RENDERS DEL PROYECTO





RENDERS DEL PROYECTO





The property to be worked on was divided in half, one half had one owner (Las Patronas) and the other half a different one, the project was contemplated with the use of the two halves of the property together, since there were negotiations to buy the other half, however we still had to consider the fact that the purchase would not happen and an alternative proposal was prepared with only the first half.







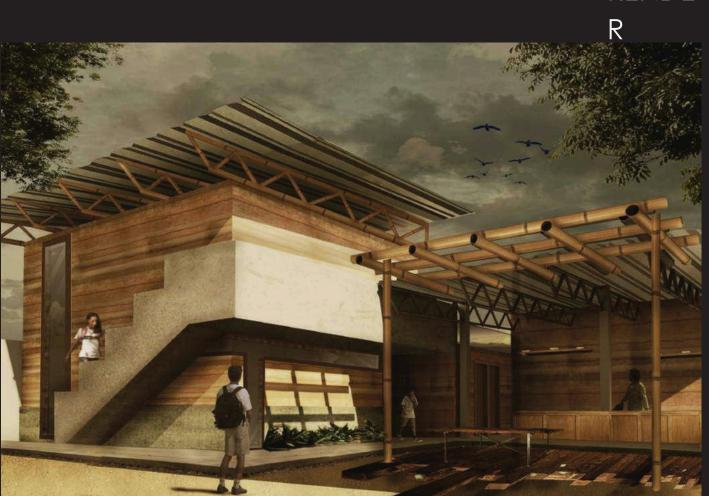






Habitacion es

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Elaboración de Renders Sequoia Arquitectos