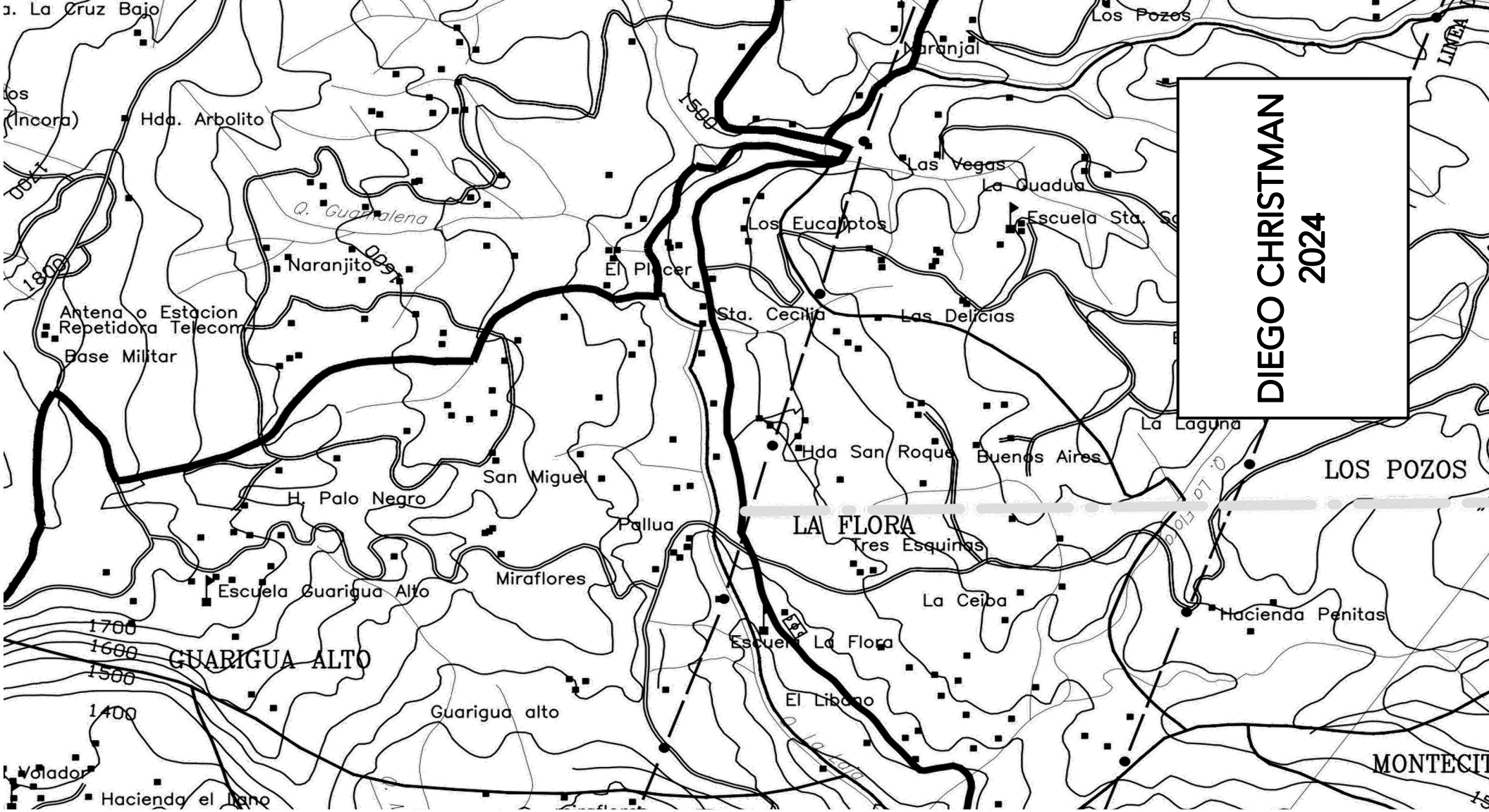

DIEGO CHRISTMAN
2024
Los Pozos
Naranjal
Hda. Arbolito
Las Vegas
La Guadua
Los Eucaliptos
Escuela Sta. Sc
Naranjito
El Placer
Sta. Cecilia
Las Delicias
Antena o Estacion
Repetidora Telecom
Base Militar
La Laguna
Hda San Roque
Buenos Aires
LOS POZOS
San Miguel
H. Palo Negro
Pallua
LA FLORA
Tres Esquinas
Miraflores
Escuela Guarigua Alto
La Ceiba
Hacienda Penitas
Escuela La Flora
GUARIGUA ALTO
El Libano
Guarigua alto
Hacienda el Llano
1700
1600
1500
1400
1800
1900

PORTFOLIO

HOTEL UDEM



Location



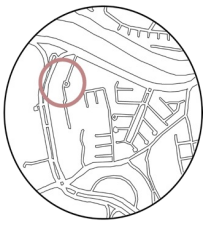




OUR HOTEL IS LOCATED IN SANTA CATARINA, MORE SPECIFICALLY IN FRONT OF THE UNITED STATES CONSULATE


Photo of the lot


Panoramic photo of the sector



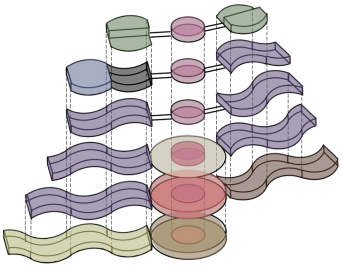
Problem

According to the study that was carried out and the investigations that were carried out, we can see that in this area of Monterrey no nearby hotels were found and we found more important points in our surroundings such as the United States embassy and it does not have a pedestrian strip.

Project strategy

It is proposed to build a hotel in the city of Santa Catarina located close to shopping centers and important points of this city with accessibility for people with reduced mobility and pedestrians. We carried out a wind study and proposed a mountain-shaped hotel with holes to allow air to circulate and access to gardens and public areas for the city.

Basic scheme



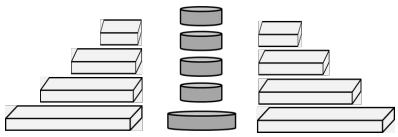
Design process

1



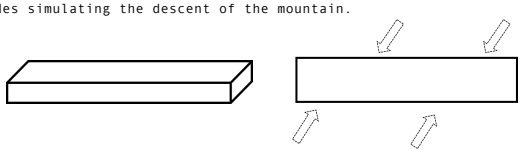
We take the mountains of Monterrey as a reference, taking into account their different heights.

2



We carry out a geometrization of the mountain, organizing it into a central core as the highest part of the mountain and some panels on the sides simulating the descent of the mountain.

3



We carry out a transformation on each of the side panels, obtaining a corrugation of the panels.

4

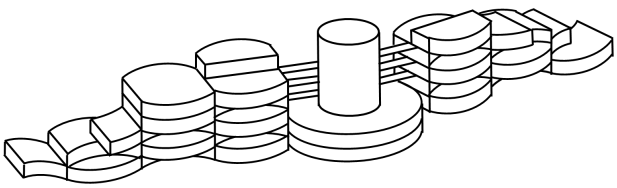
To give more movement to the project we interspersed the direction of the waves and the size of the panels decreased as the levels increased.

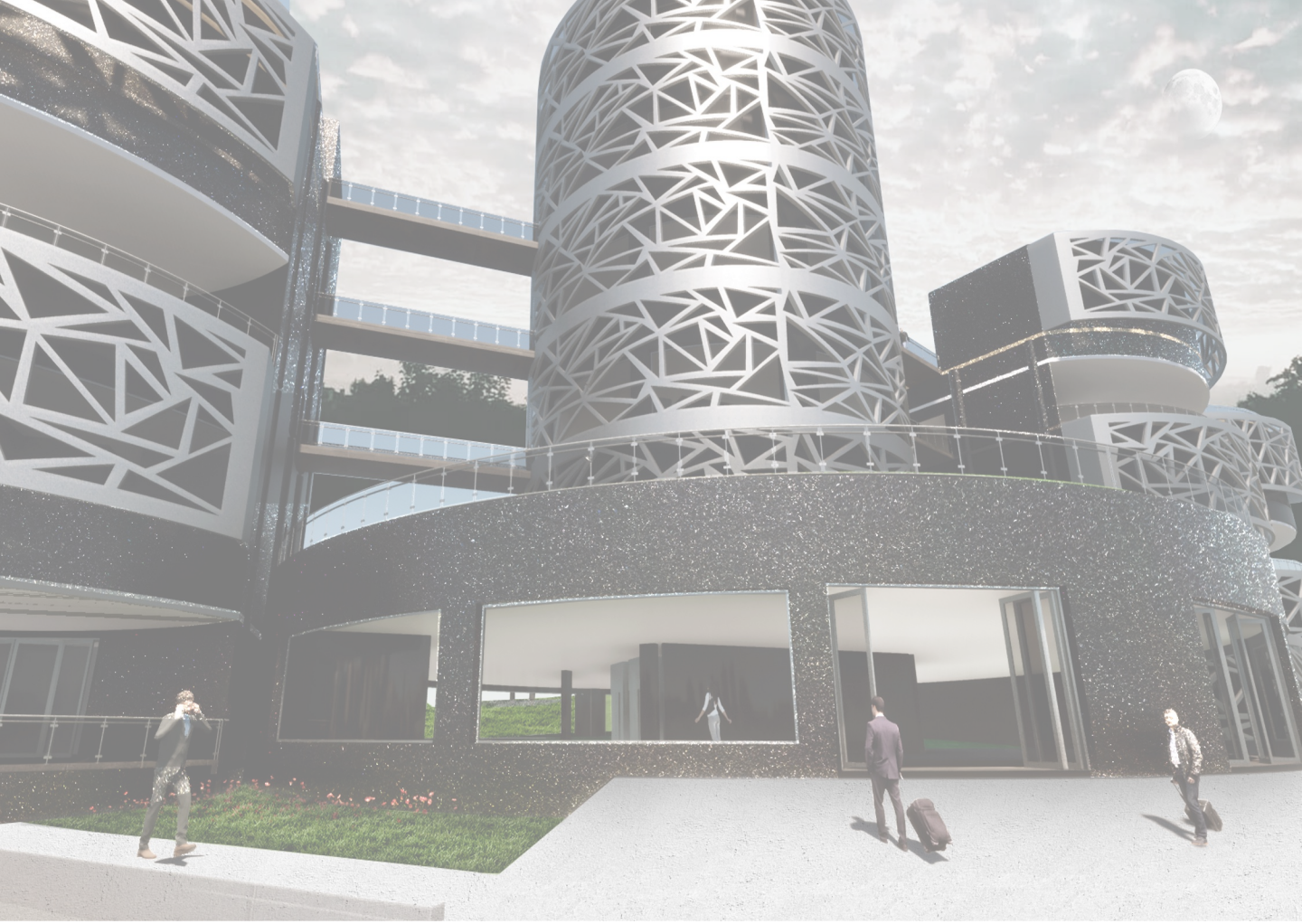




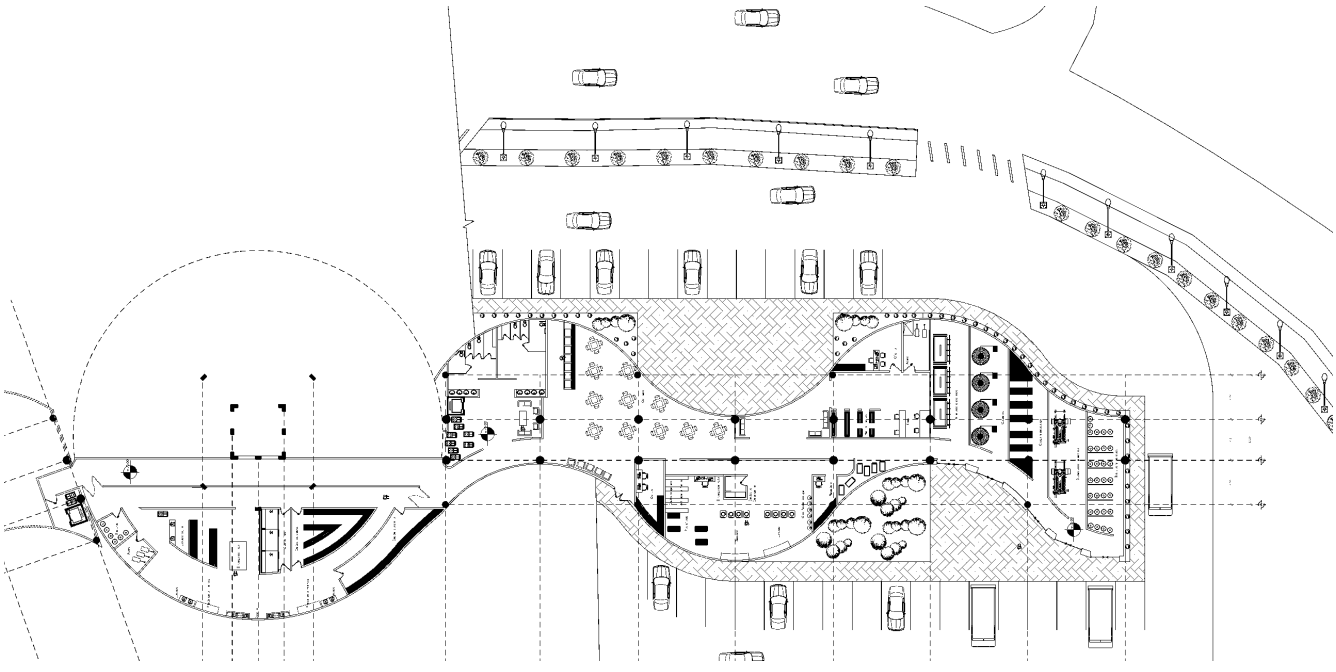
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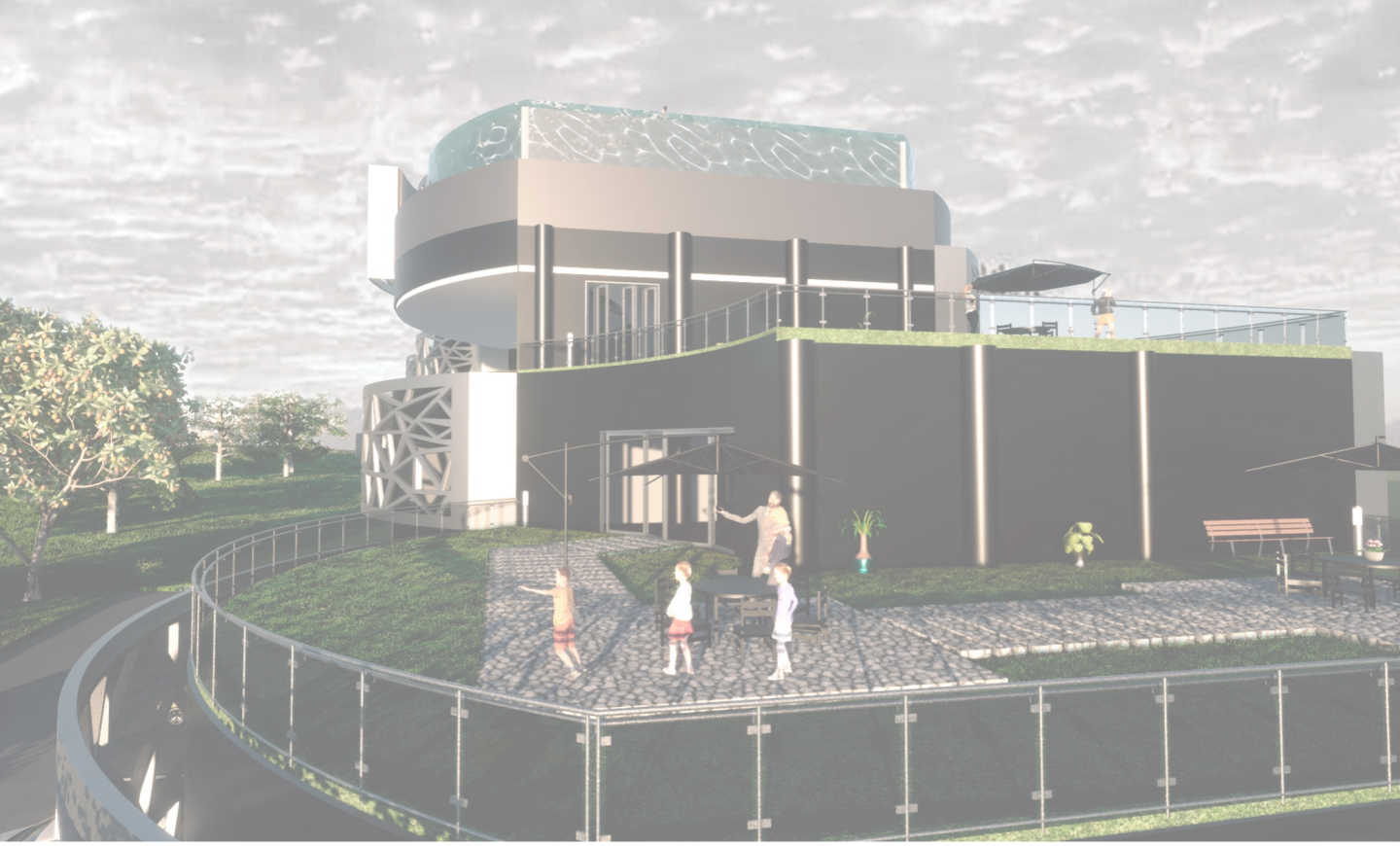
In the end, the central core with its side wavy panels was connected with bridges to create a single architectural and functional element.



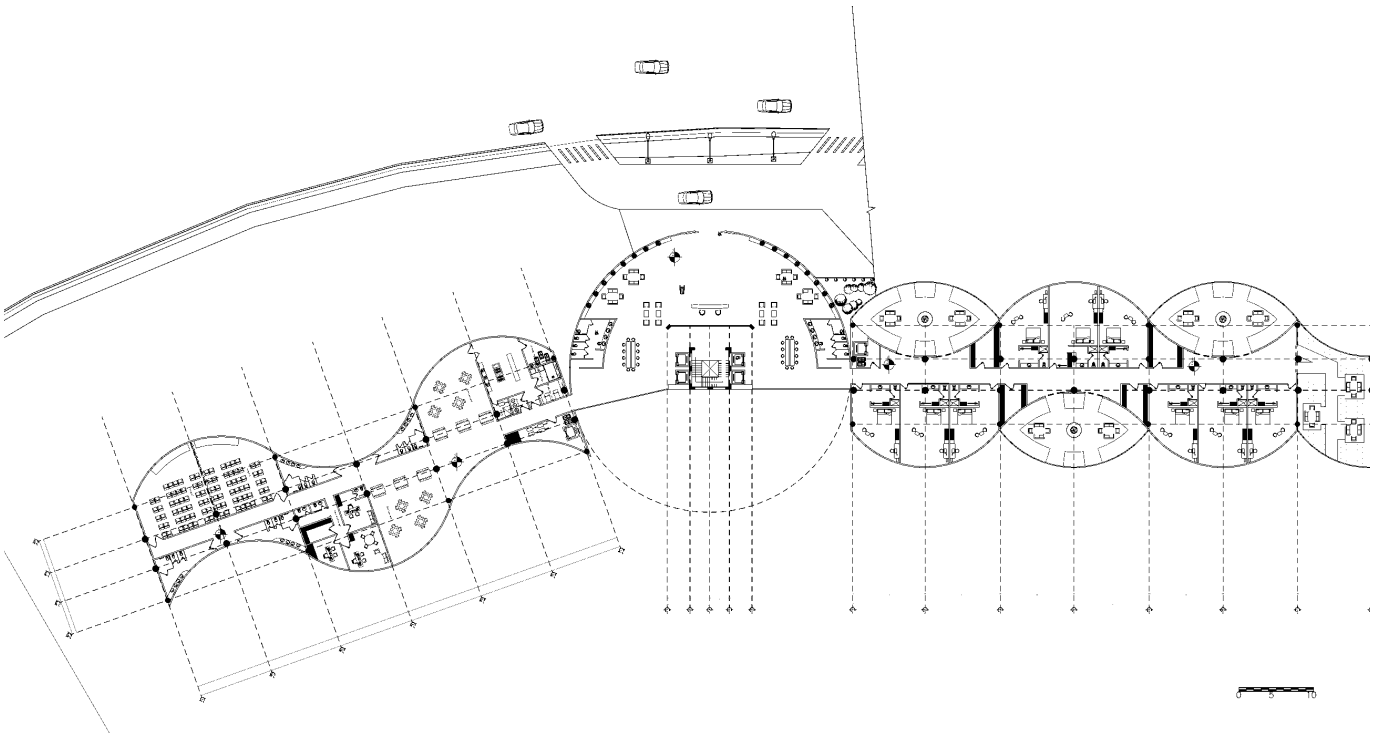


BASEMENT PLAN



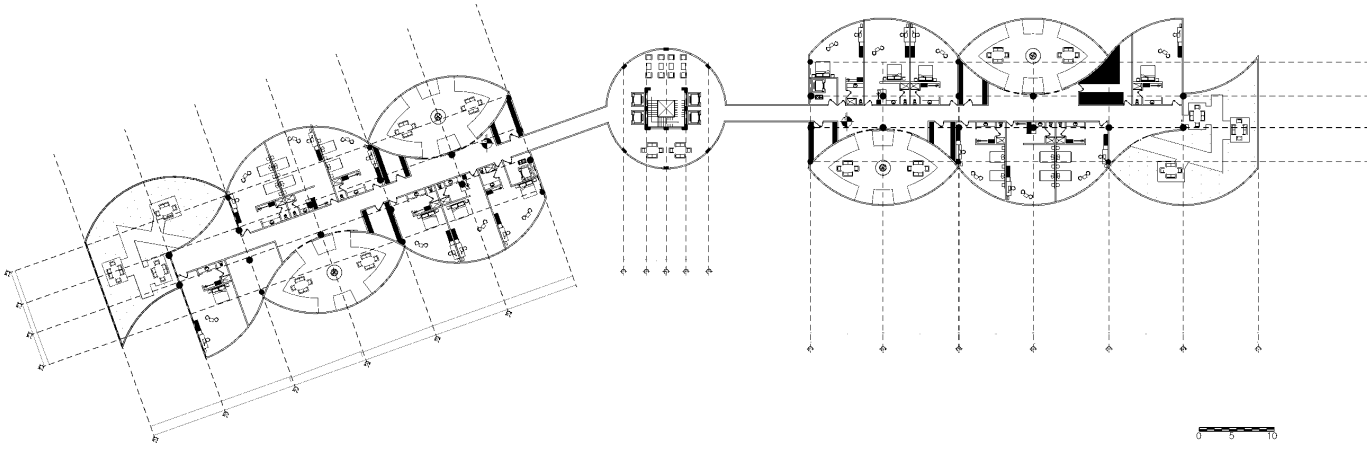


FIRST FLOOR PLAN



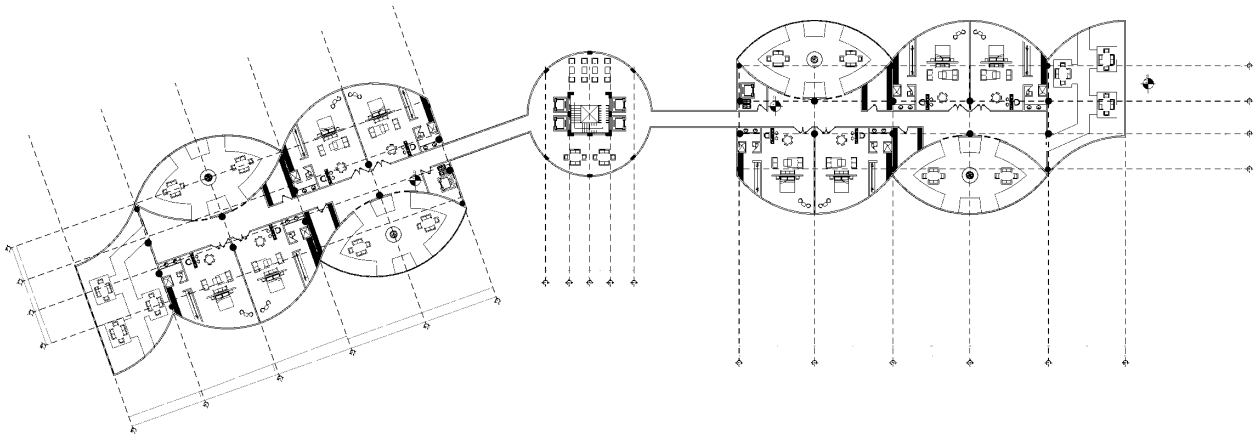


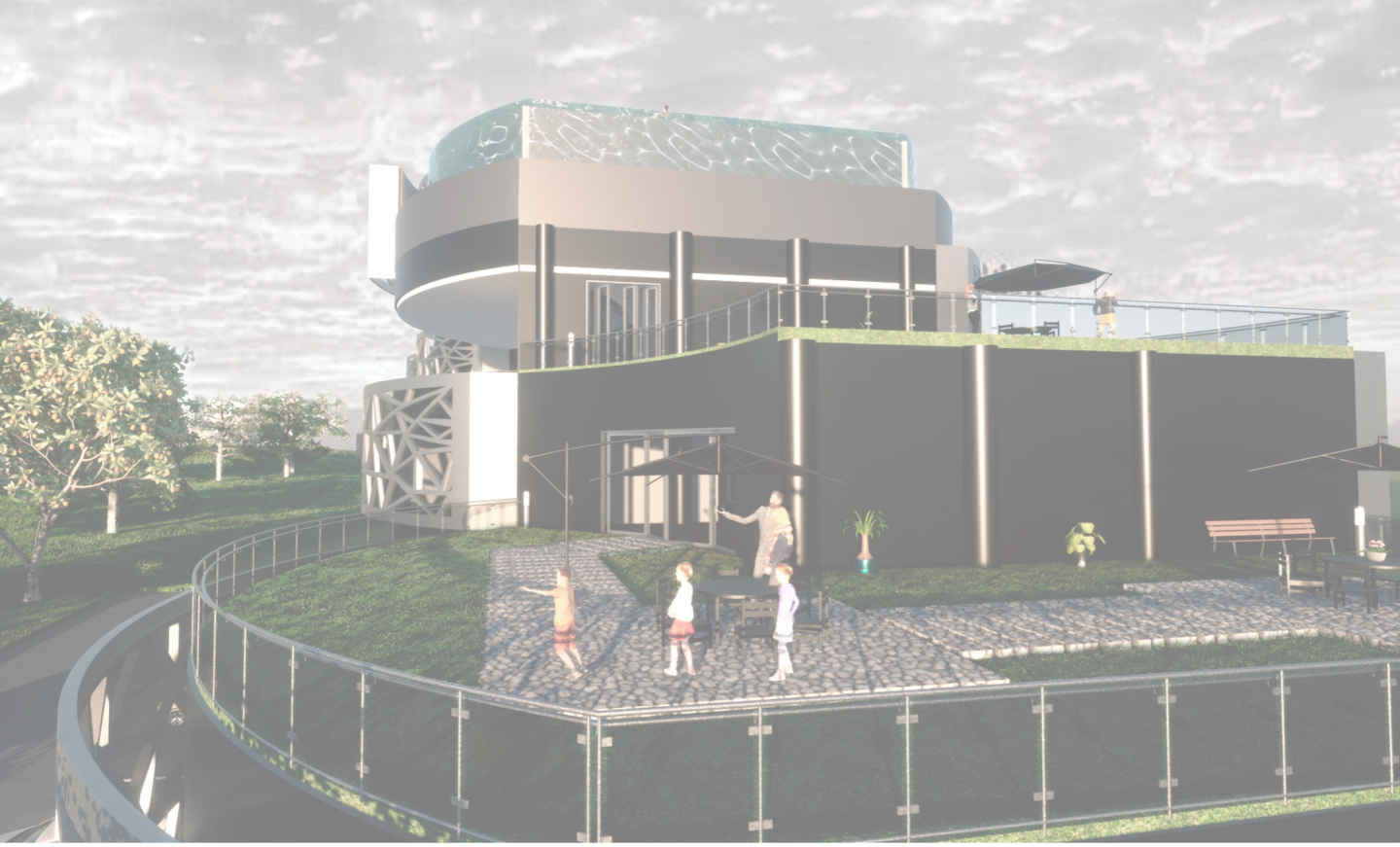
SECOND FLOOR PLAN



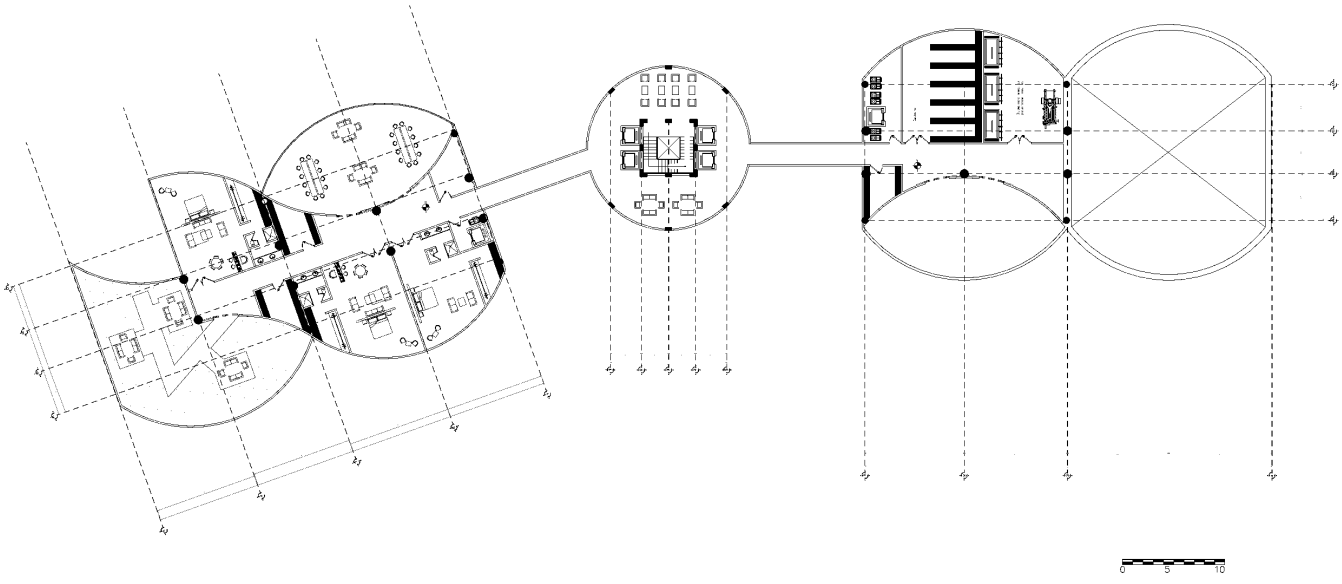


THIRD
FLOOR PLAN



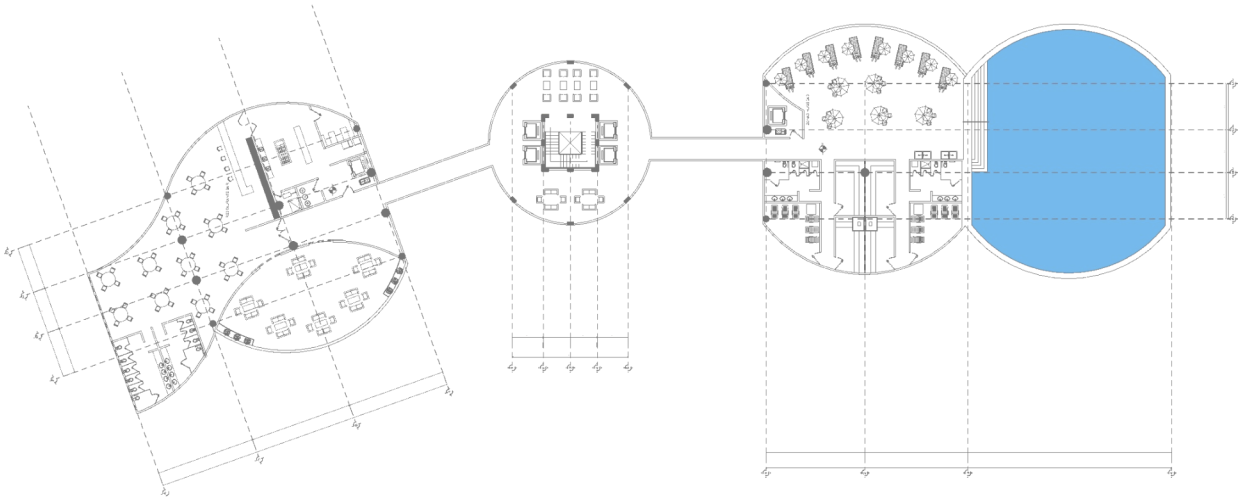


FOURTH FLOOR PLAN



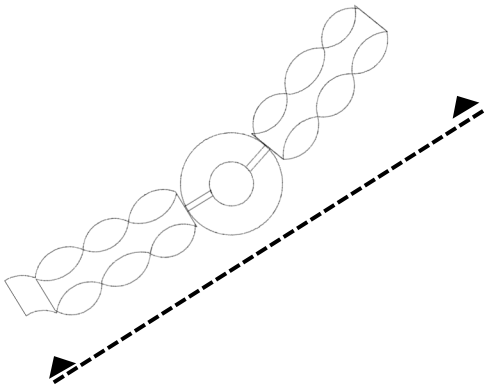


FIFTH FLOOR PLAN





FACADE



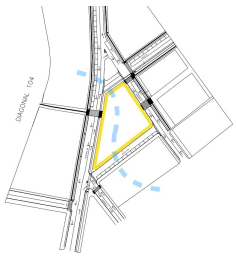


COMMUNITY CENTER YOUTH SATELITE

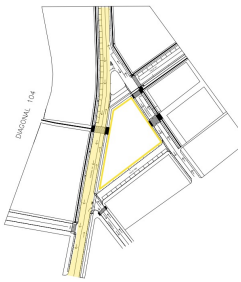
Object definition

Community centers are public places where members of a community tend to gather for group activities, social support, public information, and other purposes. The satellite youth community center has a focus, precisely on attention and coverage of these needs specifically in the young population of this sector, with the purpose of attending to activities that are lacking in other areas of their lives. seeking to strengthen the sector, mitigate the social gap in the area and improve their coexistence and provide training in empirical work activities and support and socialization in matters of health and recreation.

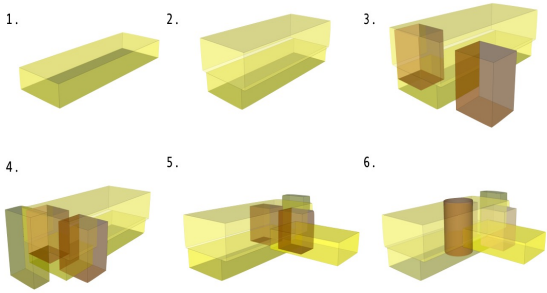
Environmental and urban determinants



The configuration of the urban fabric of the satellite plaza centrality sector indicates the determining axes, structure and location of the satellite youth community center. in order to give consequence and urban order to the sector.
The road profile of diagonal 104 is the main arterial road in this area, therefore it is the one with the greatest vehicular flow and noise pollution, for this reason, the building is located parallel to it in order to visually close it off. axis and allow the development of activities towards the less crowded and more residential areas of the block.



Geometrization



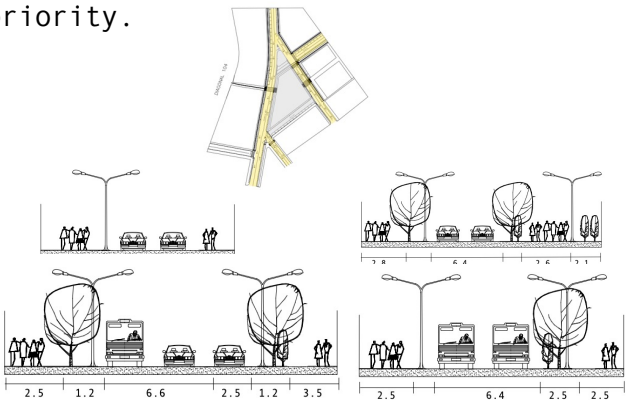
Problem



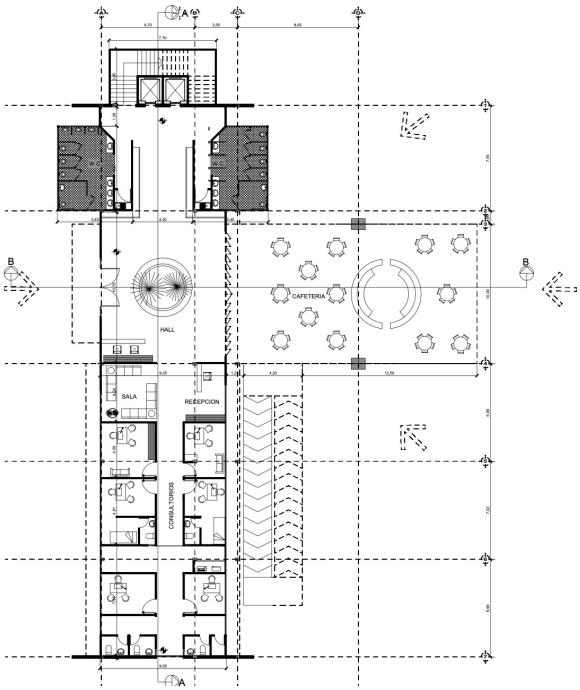
A recovery of public space is proposed, improvements to the road profile, adaptation to parking areas, bicycle lanes and pedestrianization of roads with low vehicular flow to give priority to pedestrian use and prolong the urban space, thus seeking a direct connection with the roads. greater residential use.

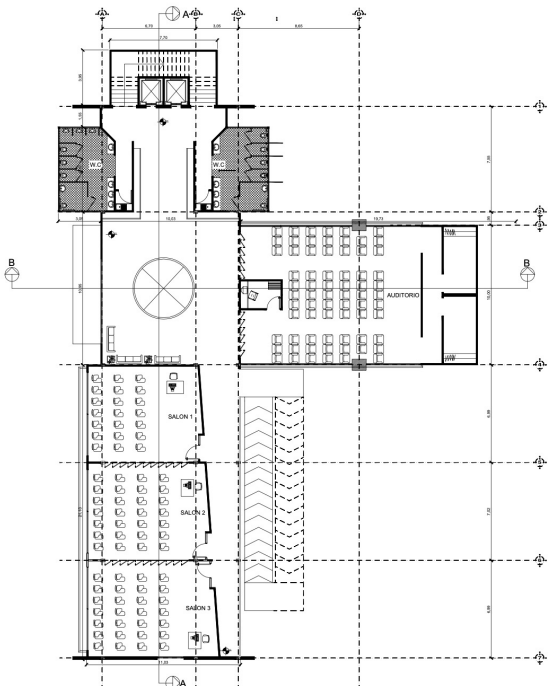
Project strategy

The satellite centrality presents a road problem, evident dismantling of the roads, profiles not suitable for the volume of traffic that this area currently supports and poor conditions of accessibility and pedestrian circulation, they are not adjusted to the regulations and driving through there is a real problem for its users.
In view of the above and the lack of public space that the sector demands at this time; We select these two important and key features for the future development of this centrality as aspects that must be treated as a priority.

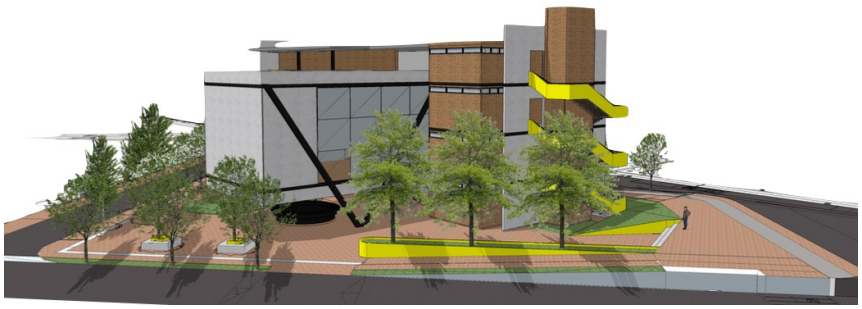


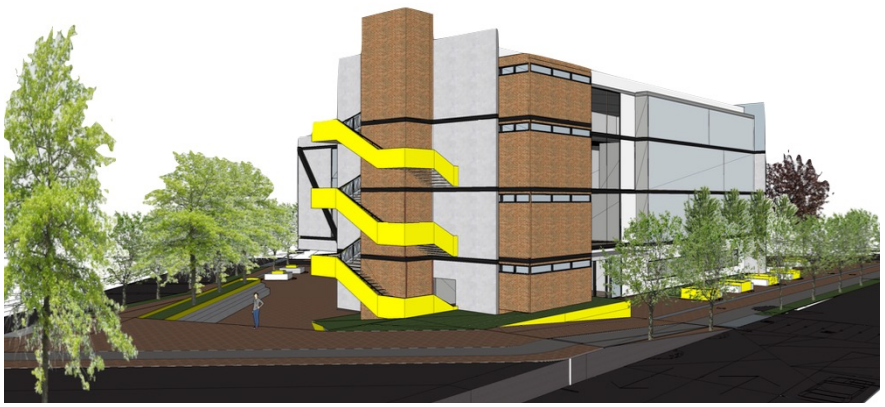
FIRST & SECOND FLOOR PLANS



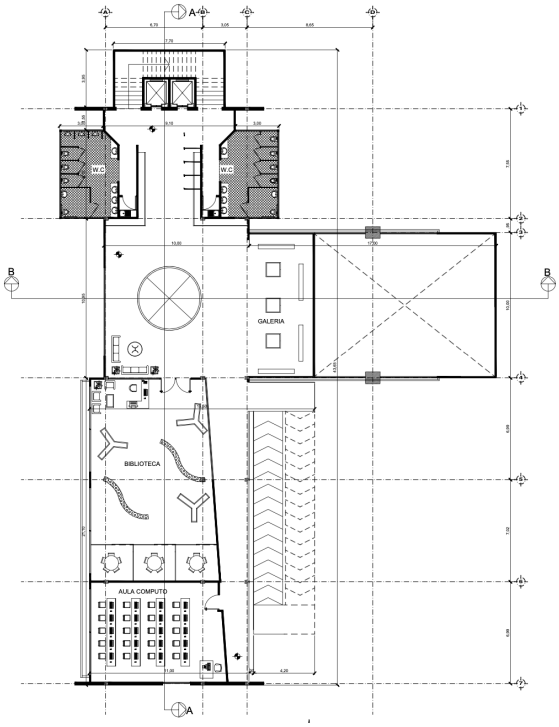


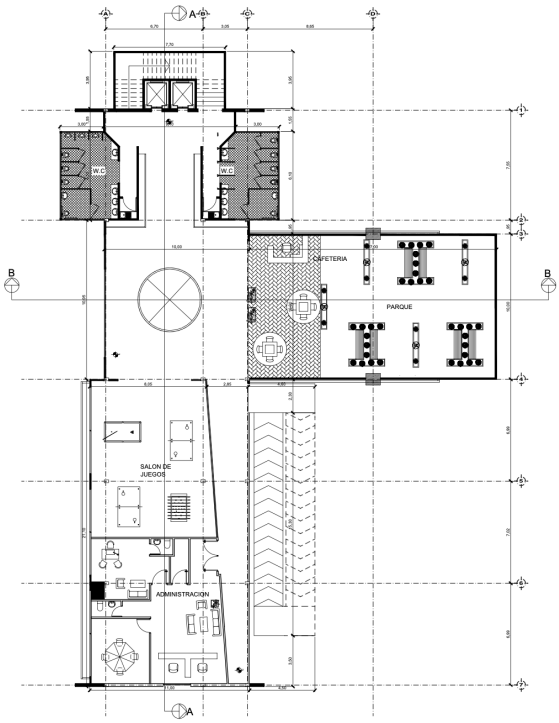
PERSPECTIVE



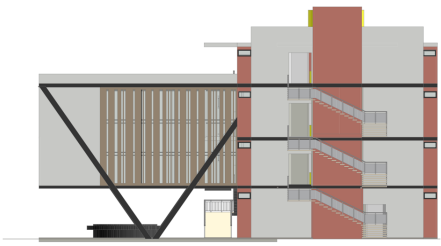


THIRD & FOURTH FLOOR PLANS

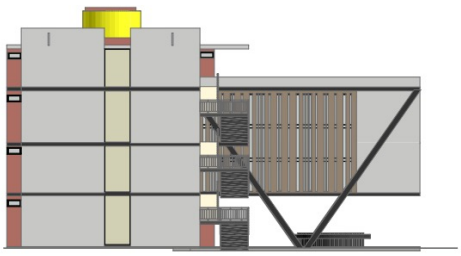




FACADE



RIGHT



LEFT



REAR



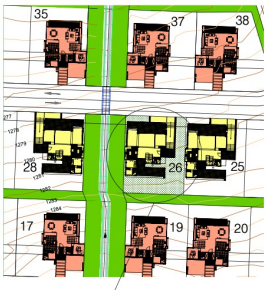
FRONT

VALLEY 26

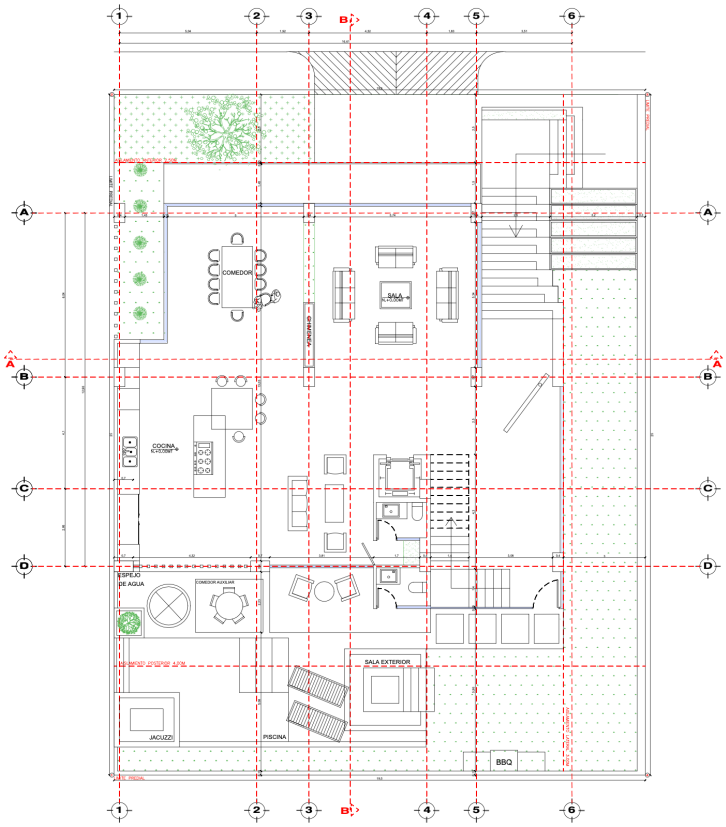


FIRST FLOOR PLAN

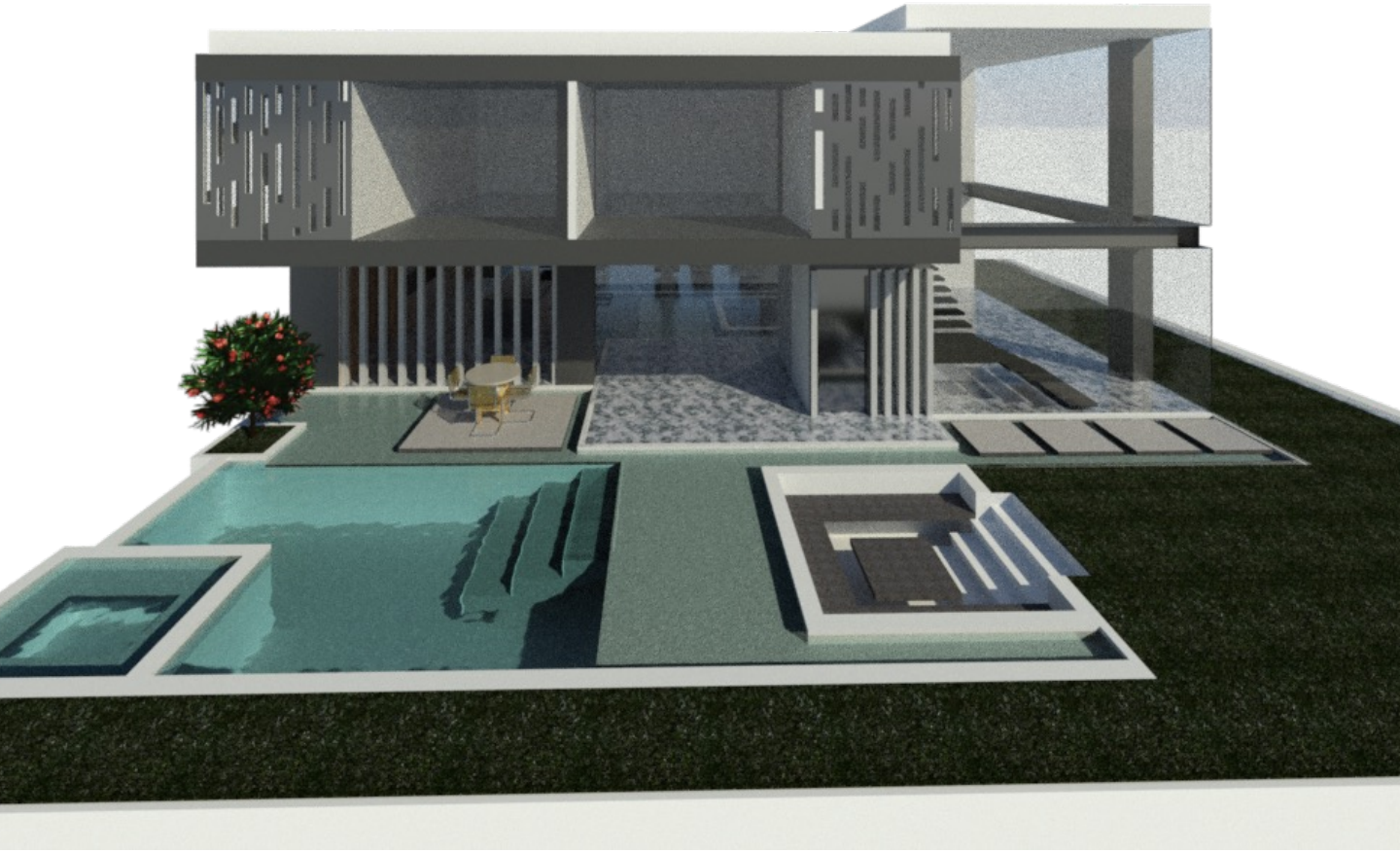
CUADRO DE AREAS	
AREA DEL LOTE	487.50 M2
SOTANO N-3.57	168 M2
PRIMER PISO N+0.00	241 M2
SEGUNDO PISO N+ 3.57	224 M2
TOTAL	633 M2
INDICES	
INDICE DE CONSTRUCCIÓN	1.29
INDICE DE OCUPACIÓN	0.49



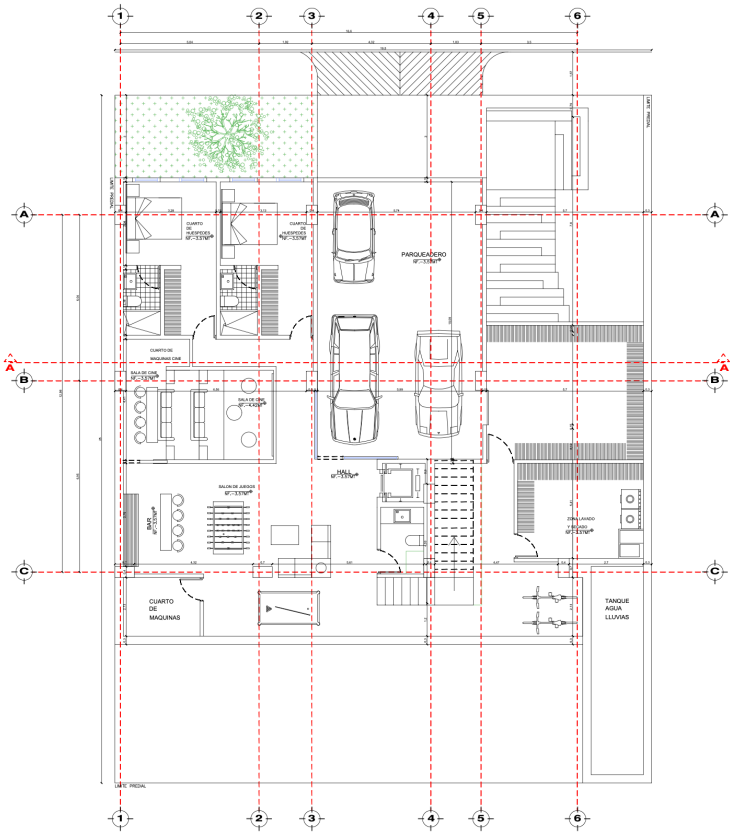
LOTE 26



LOTE 25

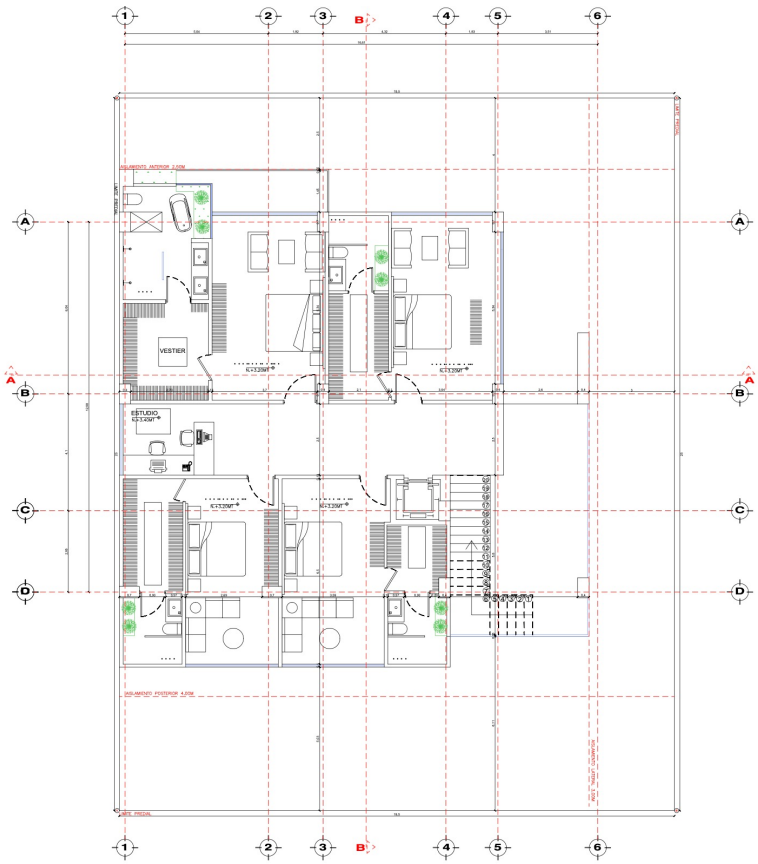


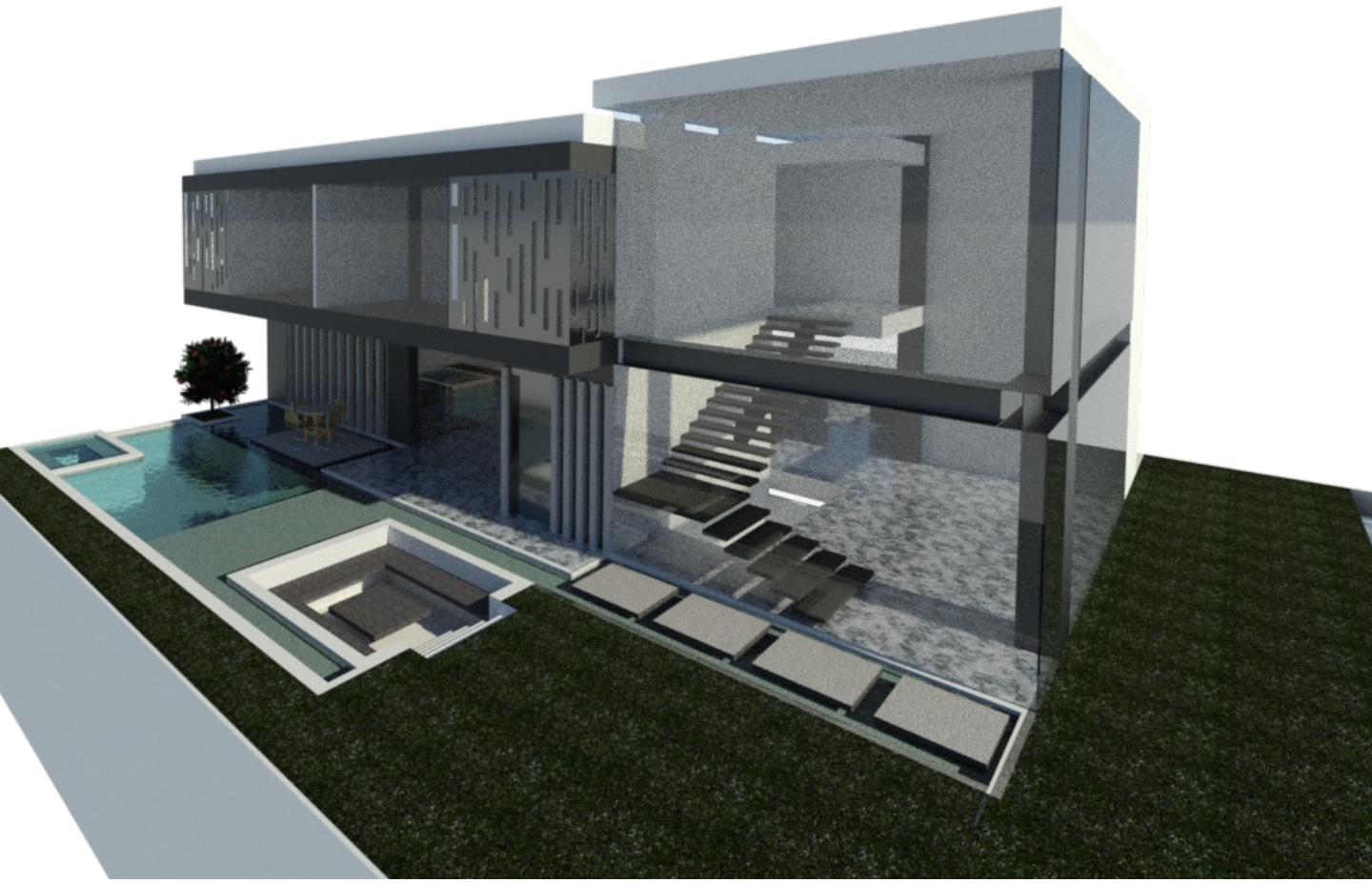
BASEMENT FLOOR PLAN



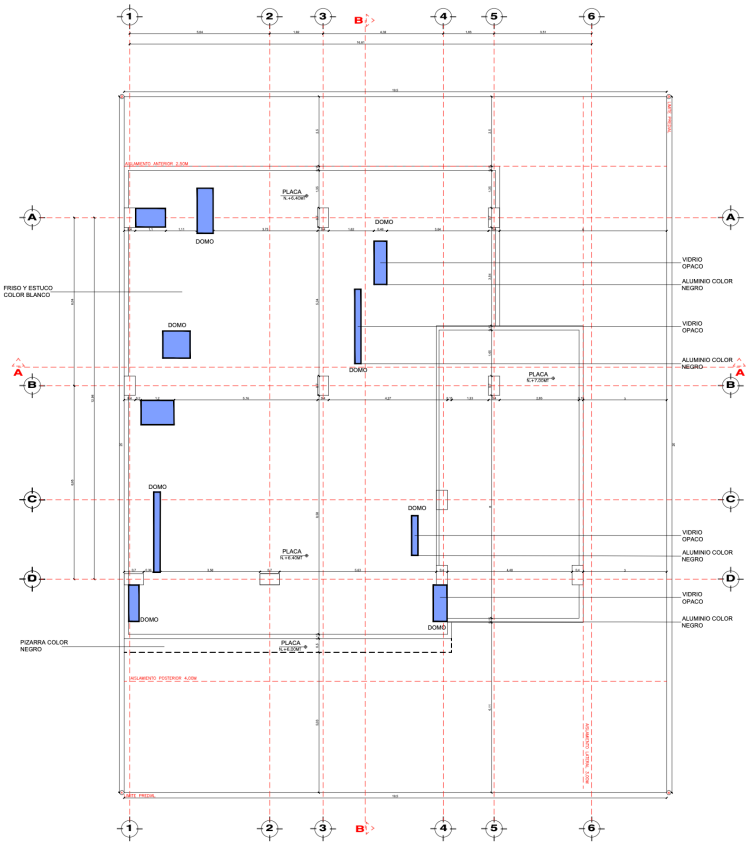


SECOND FLOOR PLAN



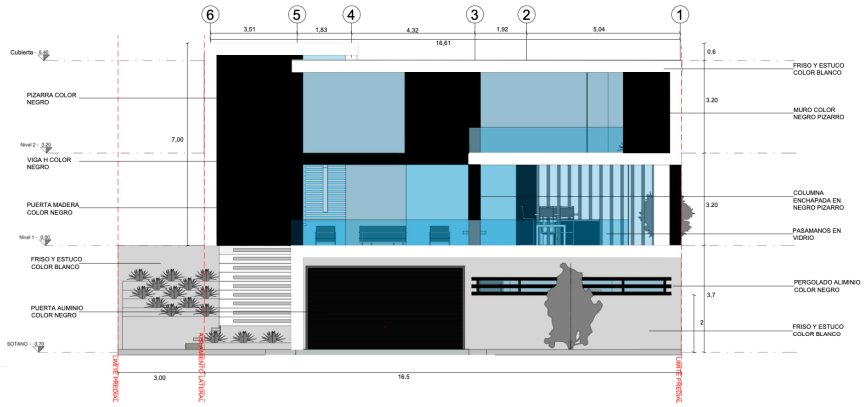


ROOF PLAN

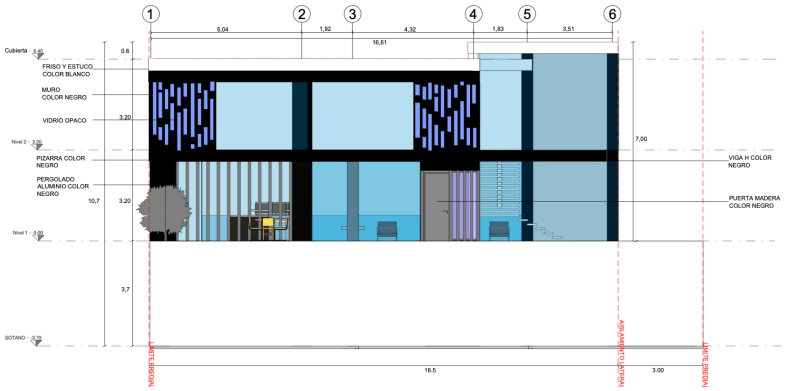

1
2
3
B
4
5
6
A
C
D
DOMO
PLACA
VIDRIO OPACO
ALUMINIO COLOR NEGRO
FRISO Y ESTUCO COLOR BLANCO
PIZARRA COLOR NEGRO

FACADE

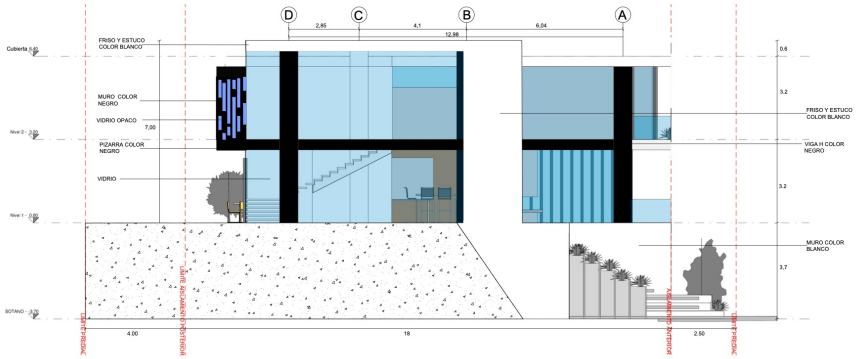
FRONT



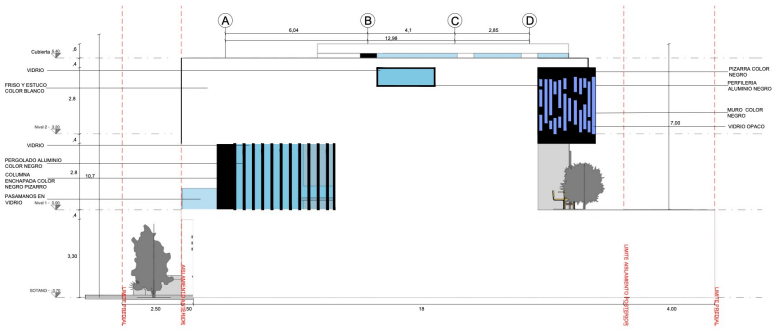
REAR

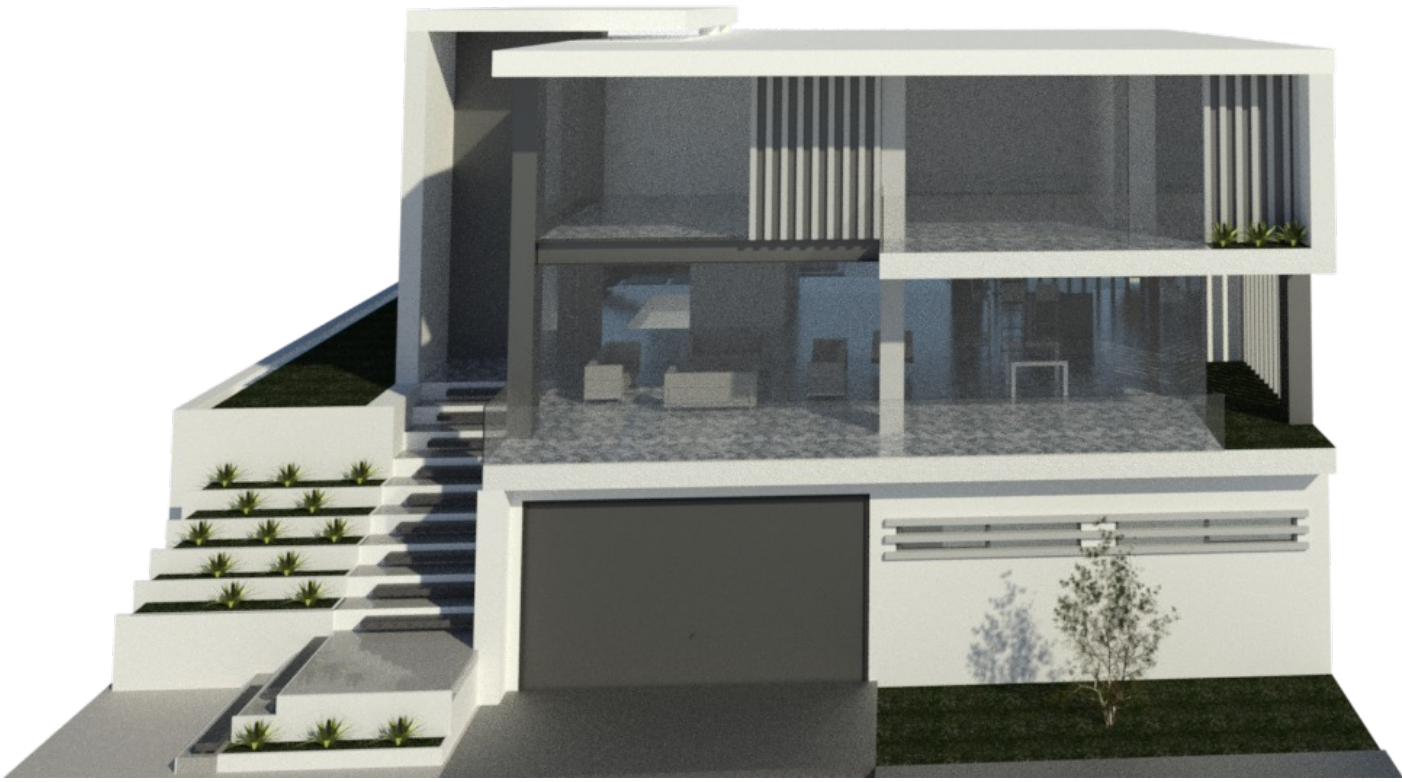


LEFT



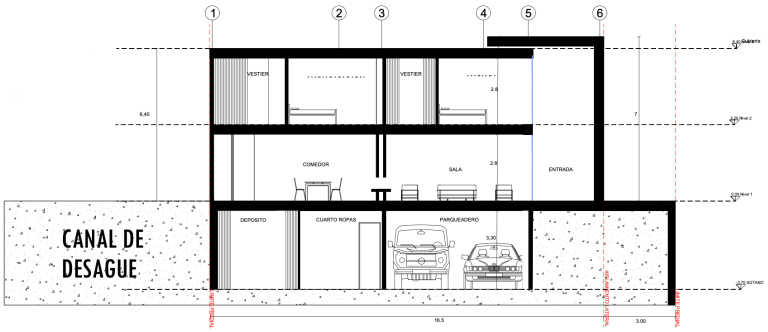
RIGHT

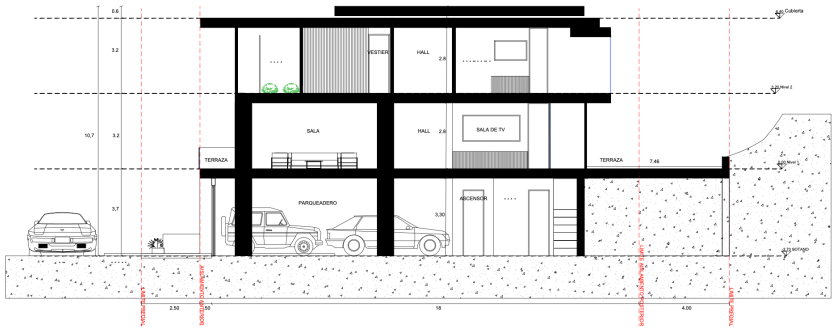




CROSS SECTION

A-A





B-B