

THE LOOP OF THE CONTEXT

An aerial photograph of a desert landscape featuring a multi-lane highway. The highway enters from the top left, curves into a central loop structure, and then exits towards the bottom right. The loop structure is a circular interchange with a central island containing palm trees and a building. The surrounding terrain is arid and sandy with sparse vegetation. The title 'THE LOOP OF THE CONTEXT' is overlaid in large, white, sans-serif capital letters across the upper portion of the image.

CHABAHAR FREE TRADE ZONE ENTRANCE GATE

2025

01

T H E C O M P L E X

Big decisions
The story of a circle
3d simulation
planning

02

R E S I D E N T I A L

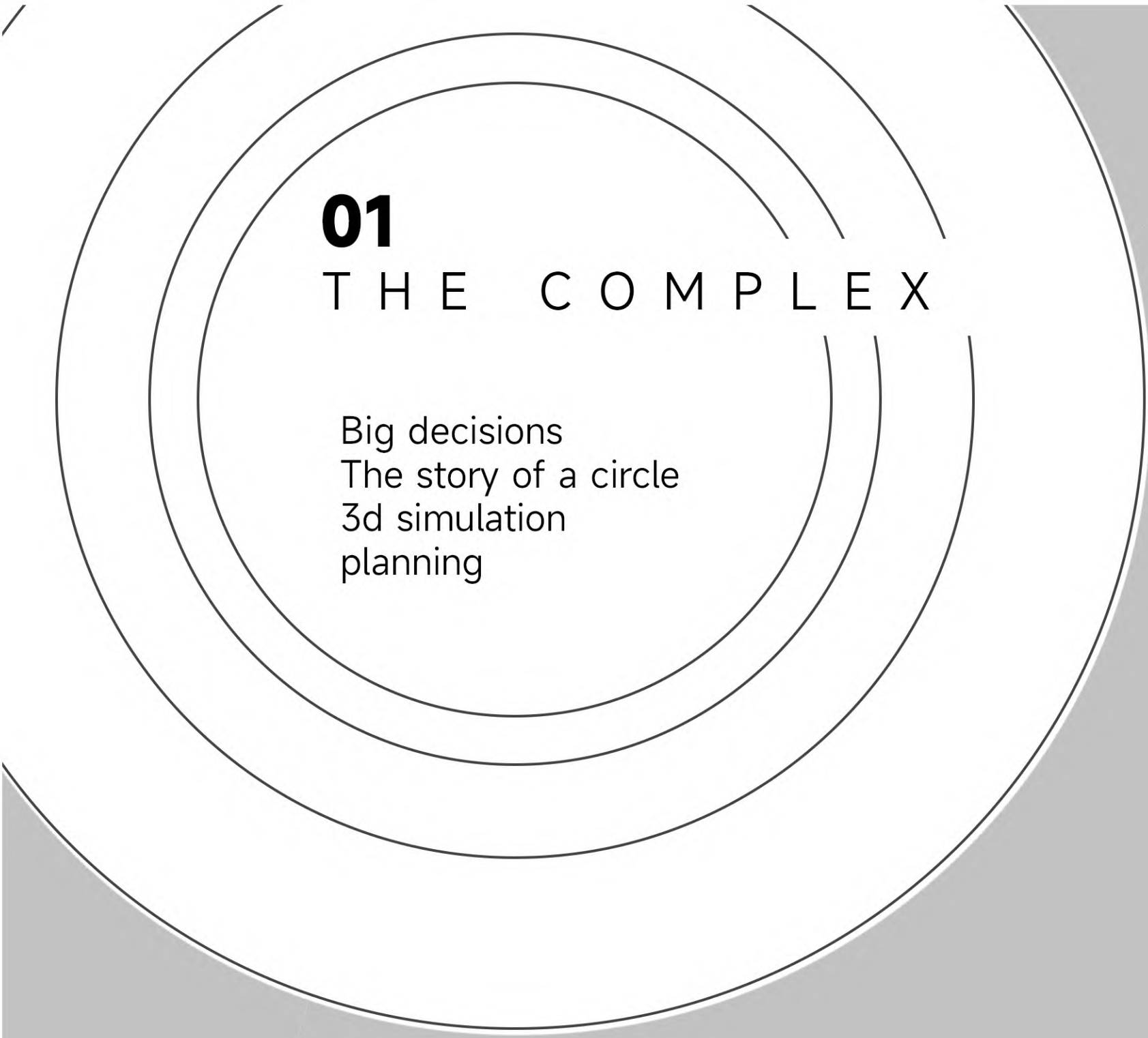
Exploded diagram
3d simulation
Planning

03

E N T R A N C E G A T E

The process
3d simulation
Planning

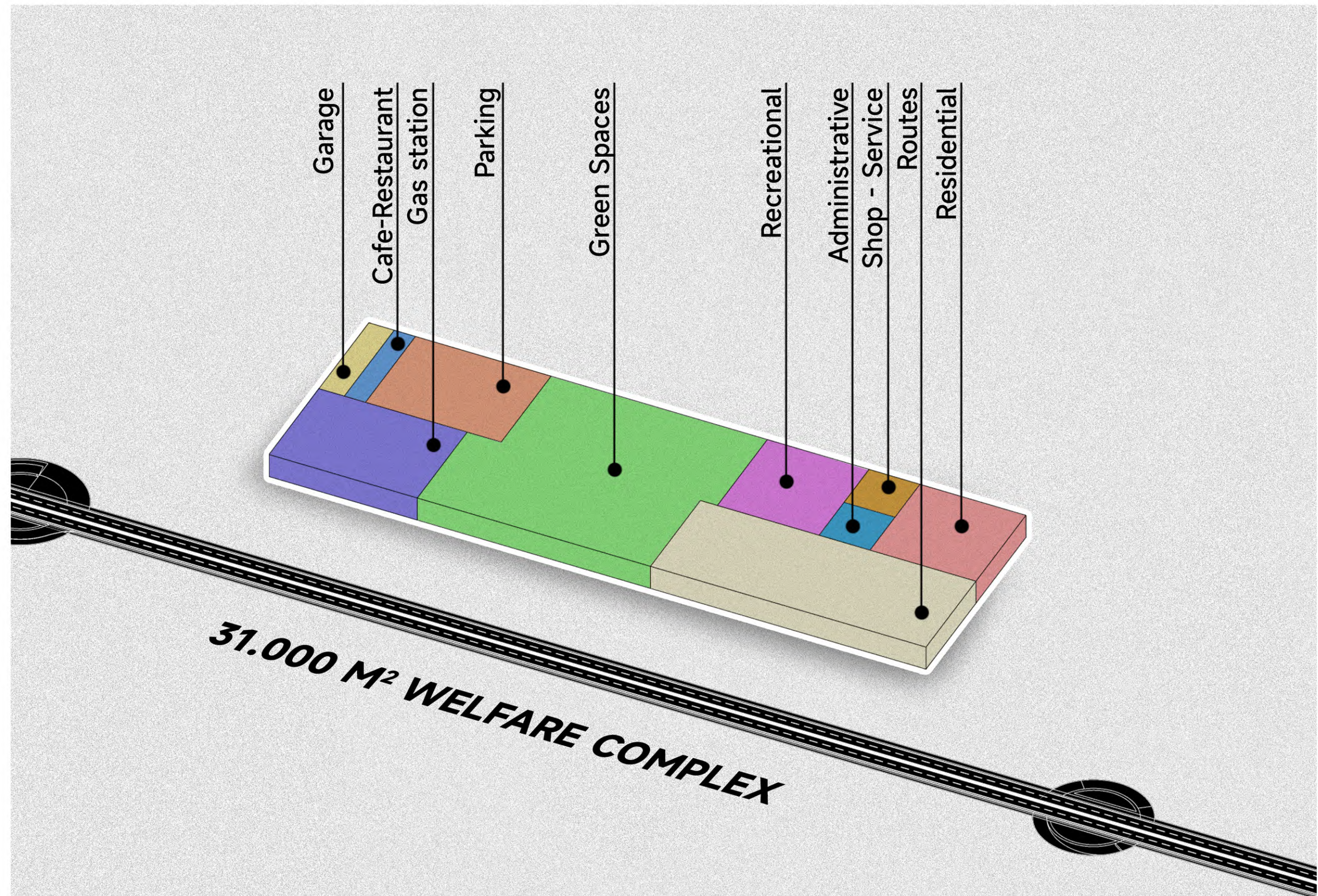
TABLE OF CONTENTS



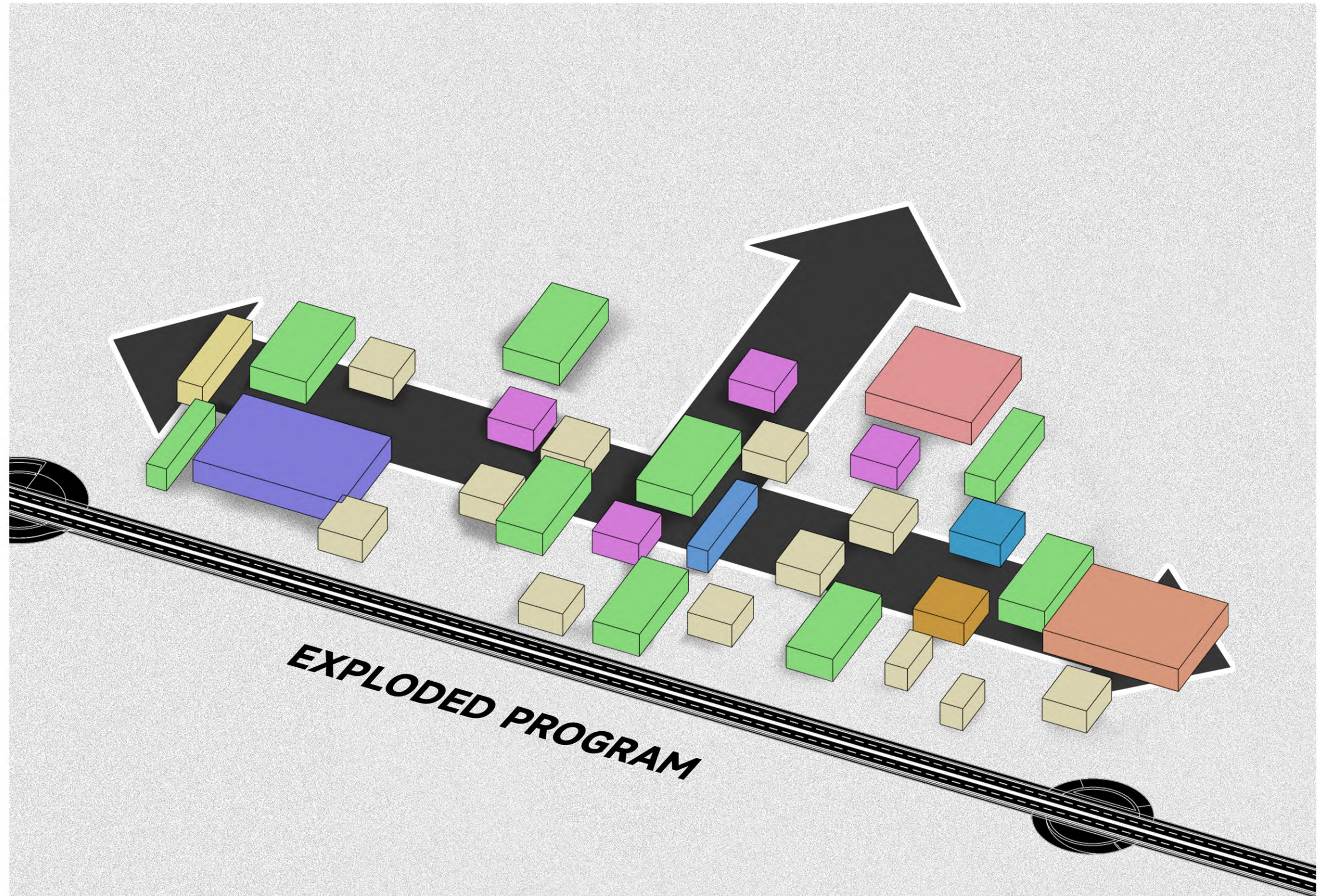
01

T H E C O M P L E X

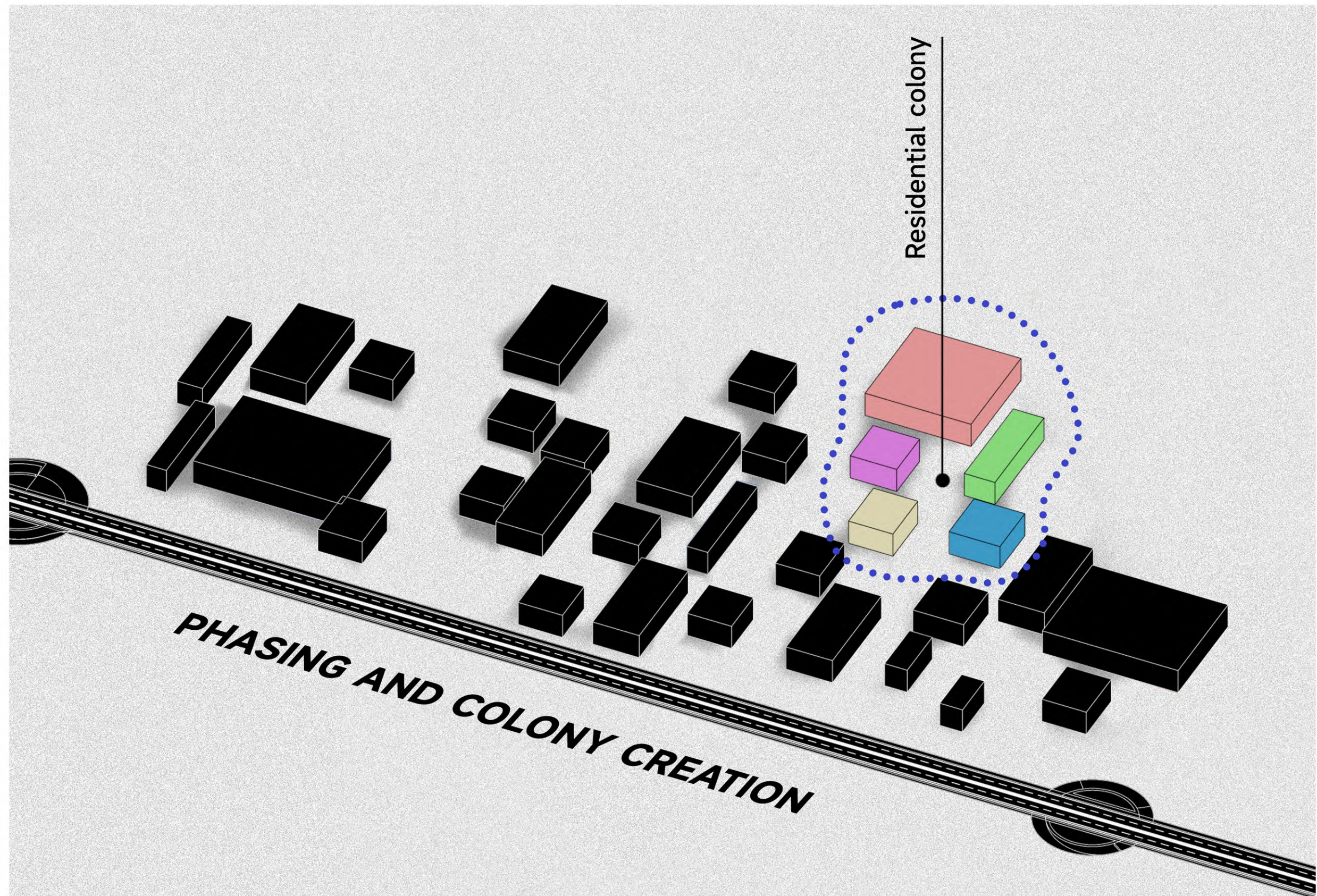
Big decisions
The story of a circle
3d simulation
planning



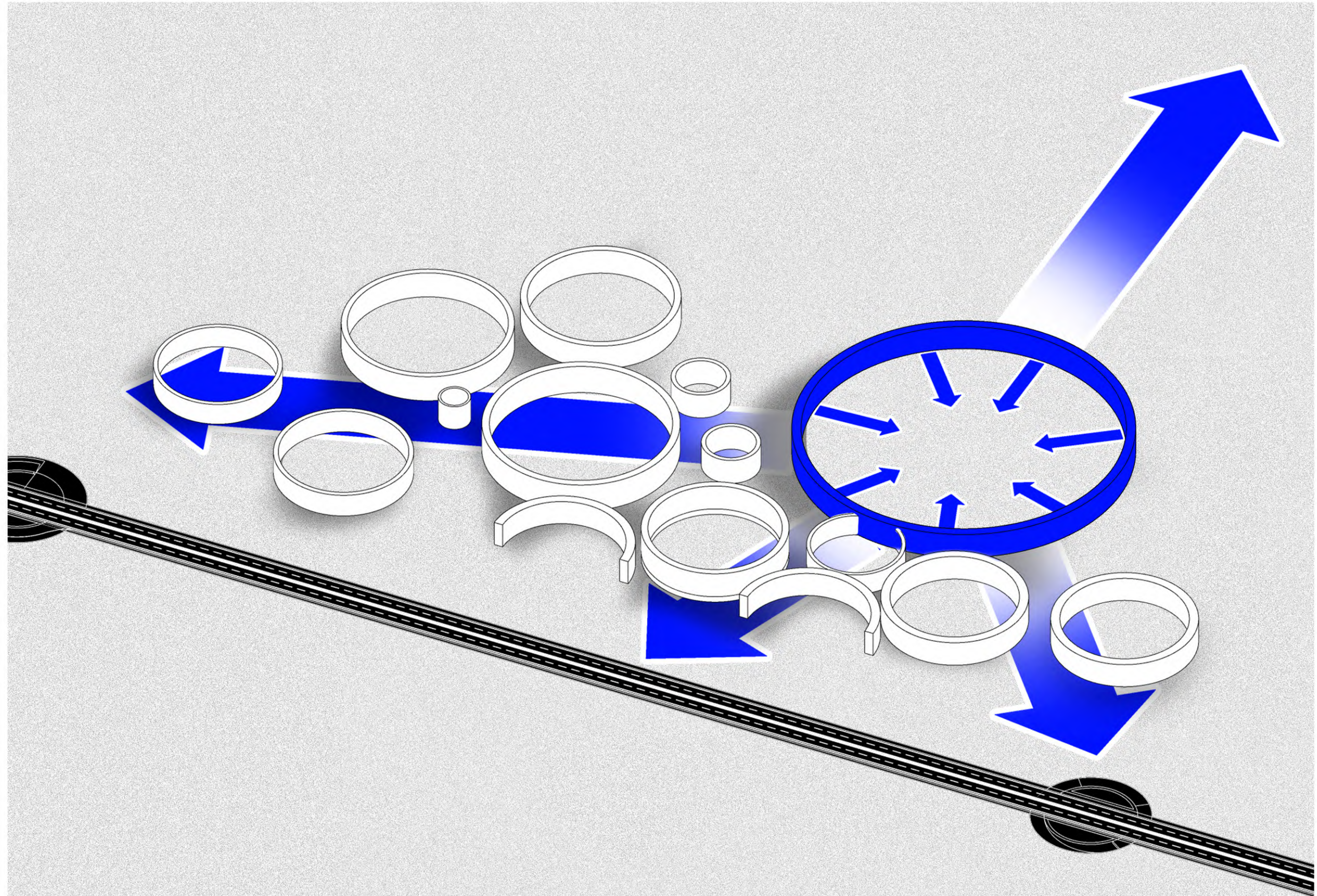
01 If we place the entire given physical program in a rectangular cube, a volume with these proportions will be obtained. This volume is due to the representation of the volume of space occupied by the programs, including green space and paths.



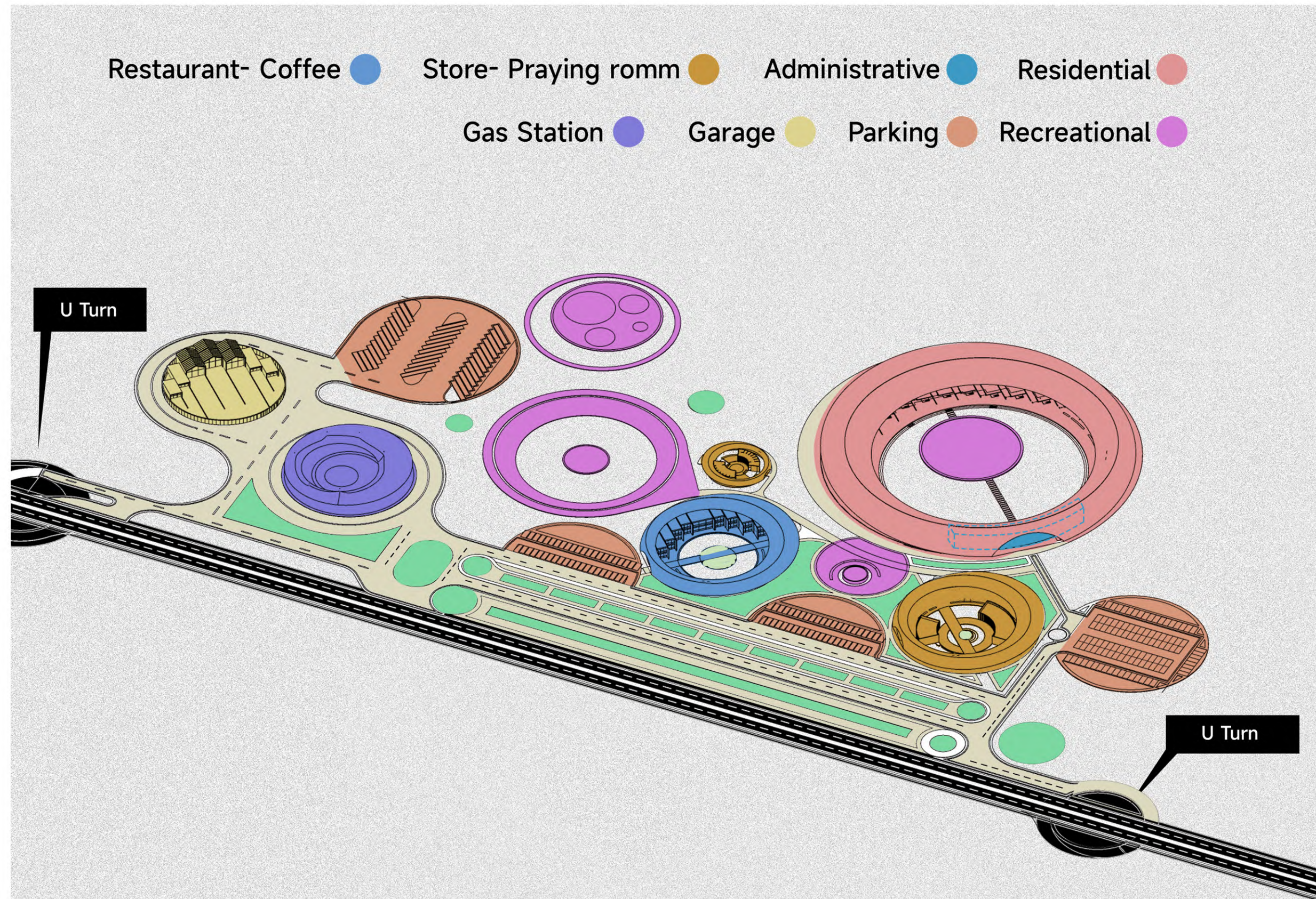
02 Naturally, all of these 31,000 meters cannot be built as one building. The dispersion of the program will lead to each of the main activities playing its role better.



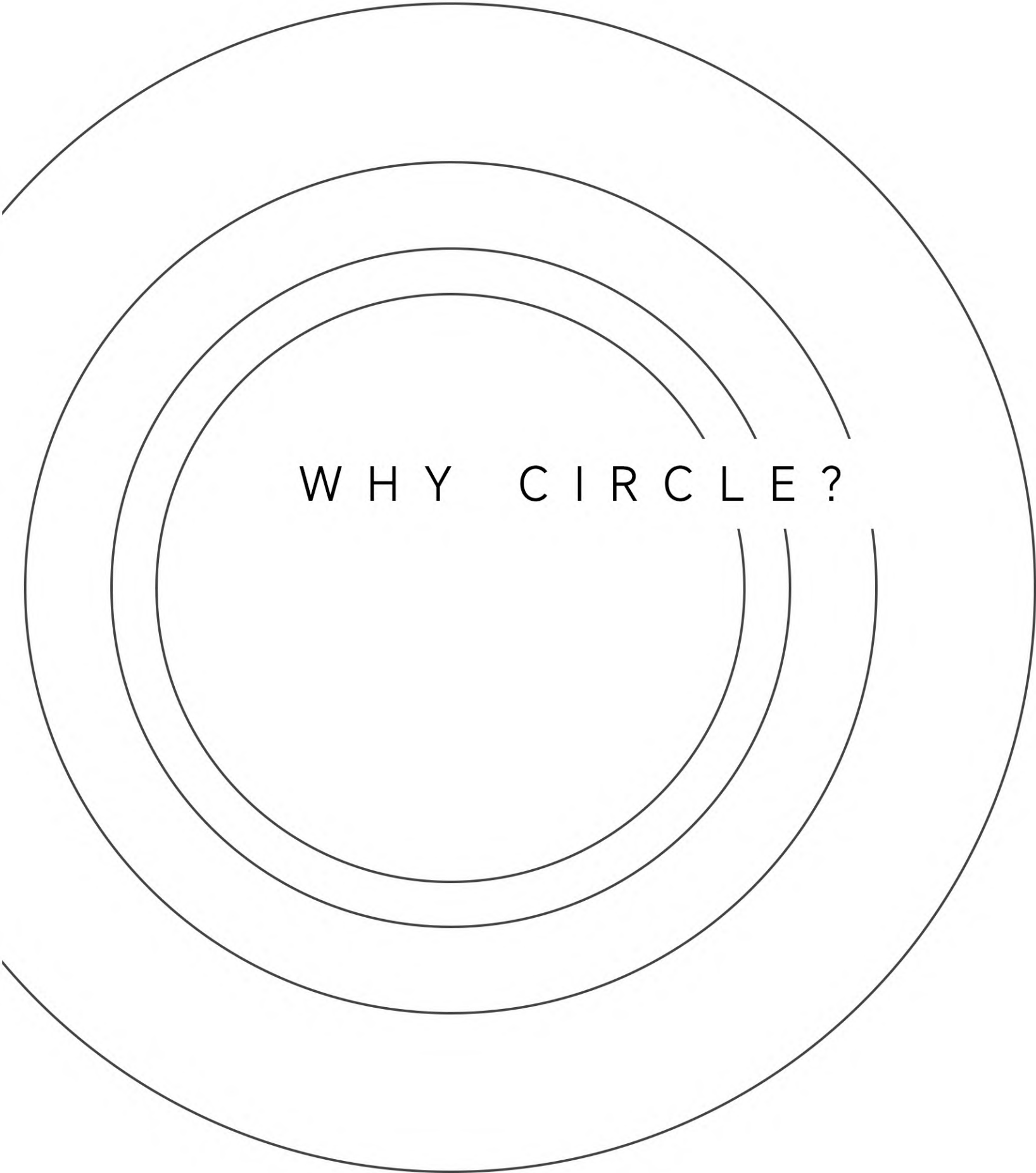
- 03** The dispersion of activities will lead to the phasing of the project. Each phase can be built separately or at a different time. Another effect of this dispersion is to create the colony and privacy needed by each activity.



04 For example, in a residential colony: by maintaining its privacy from other activities, while communicating with them, it can function as an independent complex. At the same time, it can work with its interior and create a central courtyard with a residential feel, while also establishing physical or visual connection with the outside.



FINAL Ultimately, the welfare complex will be a system of functions that, while being interconnected, each has a flexible inner courtyard with its own function and feel.



WHY CIRCLE?

T H E S T O R Y O F A C I R C L E



Natural forms in structure and creation also recall the shape of a circle. Where the entire overall structure will be natural. And this is the largest trace of a circle like nature on the scale of Chabahar city.

THE STORY OF A CIRCLE

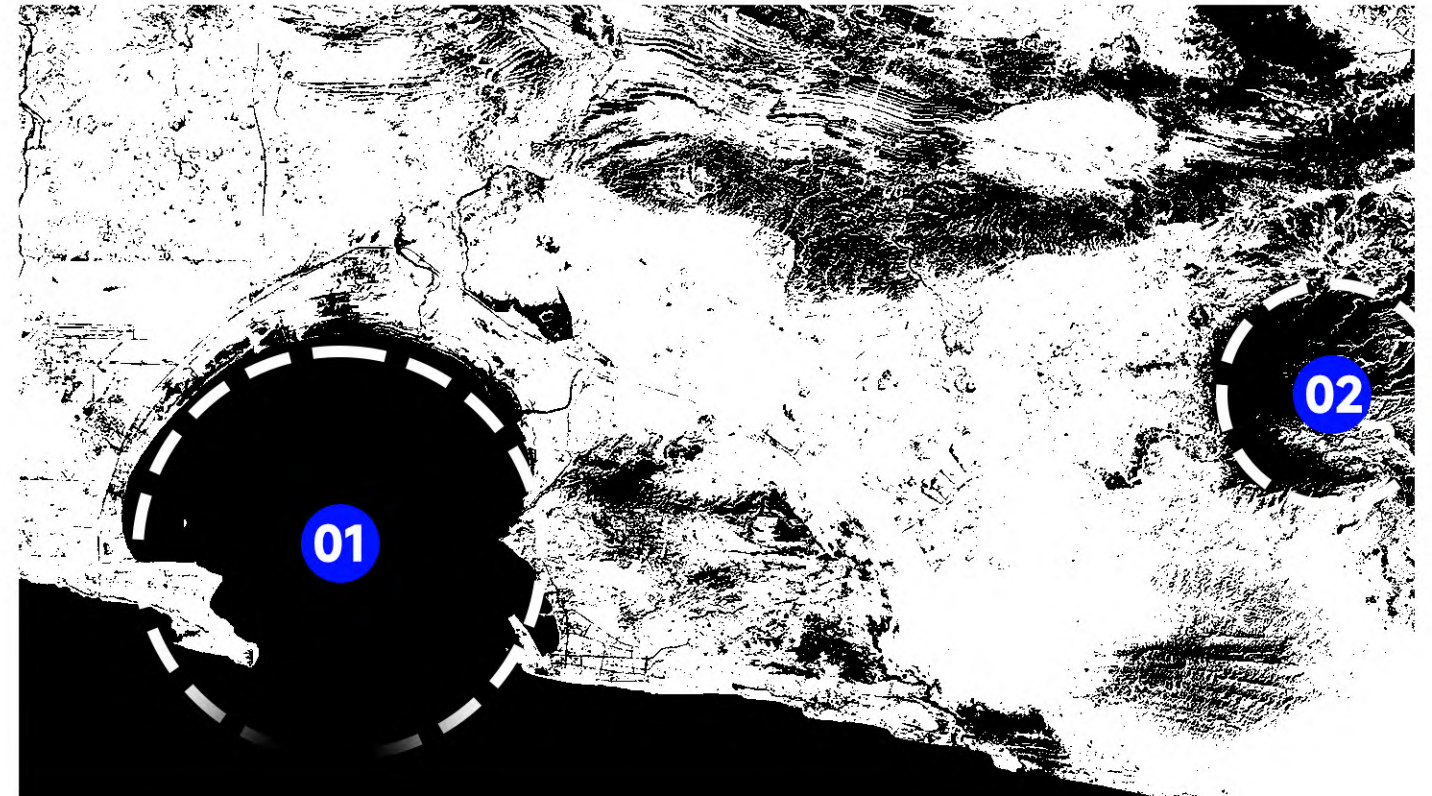


Tang Mud Volcano is located in Konarak County, Sistan and Baluchestan. This phenomenon is formed in a large plain called “Dasht-e-Kahir” near the village of Tang, about 90 kilometers west of Bandar Konarak. Tang Mud Volcano is made up of three small mud hills that resemble small volcanic peaks. Of these three mud volcanoes, only one is still active, and the other two, which were active until a few years ago, are no longer active and have fallen asleep, so to speak.



the **Water fountain**: When the roaring waves of the sea hit the coastal cliffs of Chabahar, the water is transported through the channels under the cliffs and comes out of the rocks in the form of a geyser, creating an incredibly beautiful sight. The interesting thing about geysers is that their height is over 10 meters. Watching the water rise 10 meters from the rocks can be one of the most exciting experiences you will ever have in visiting nature, which you will never forget.

T H E S T O R Y O F A C I R C L E

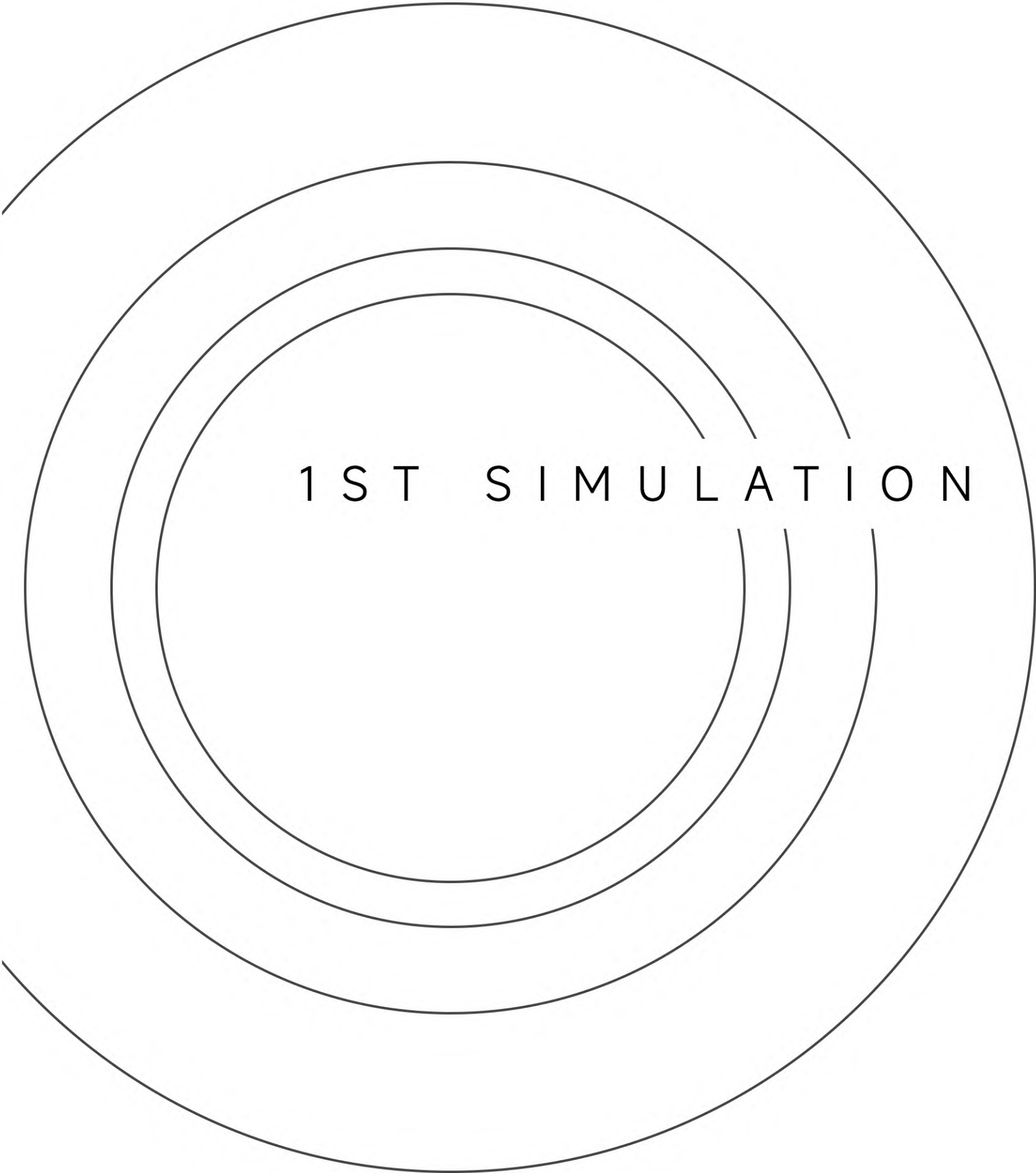


01: Chabahar Bay

02: Martian Mountains

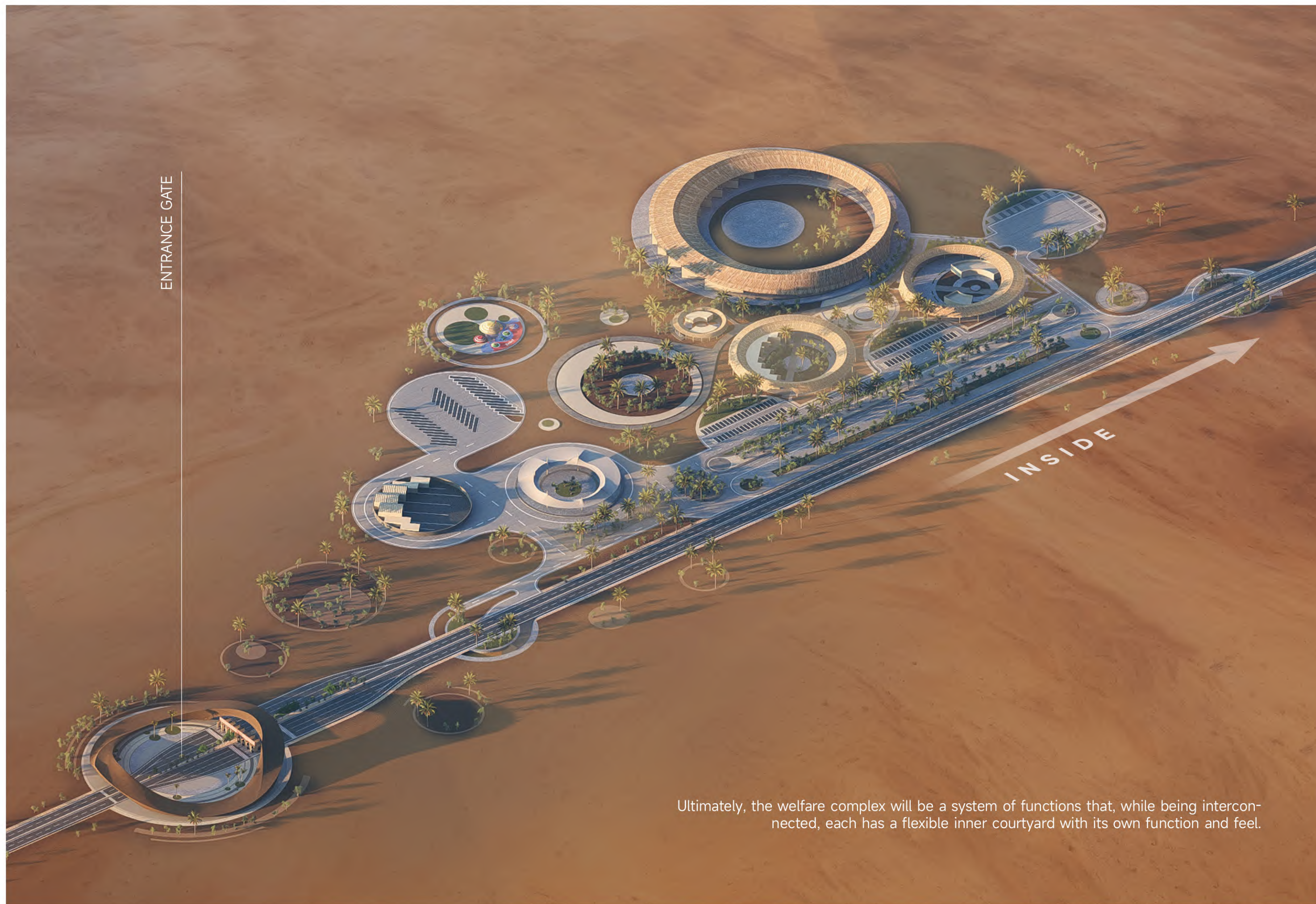
Human-made structures are also very common in this climate due to the extraordinary performance of the circular shape and its economic value, especially in industrial areas such as the petrochemical plants in Chabahar.

Natural forms in structure and creation also recall the shape of a circle. Where the entire overall structure will be natural. And this is the largest trace of a circle like nature on the scale of Chabahar city.

A graphic consisting of four concentric circles, centered on the left side of the page. The circles are thin black lines. The text '1ST SIMULATION' is positioned horizontally across the middle of the circles.

1ST SIMULATION

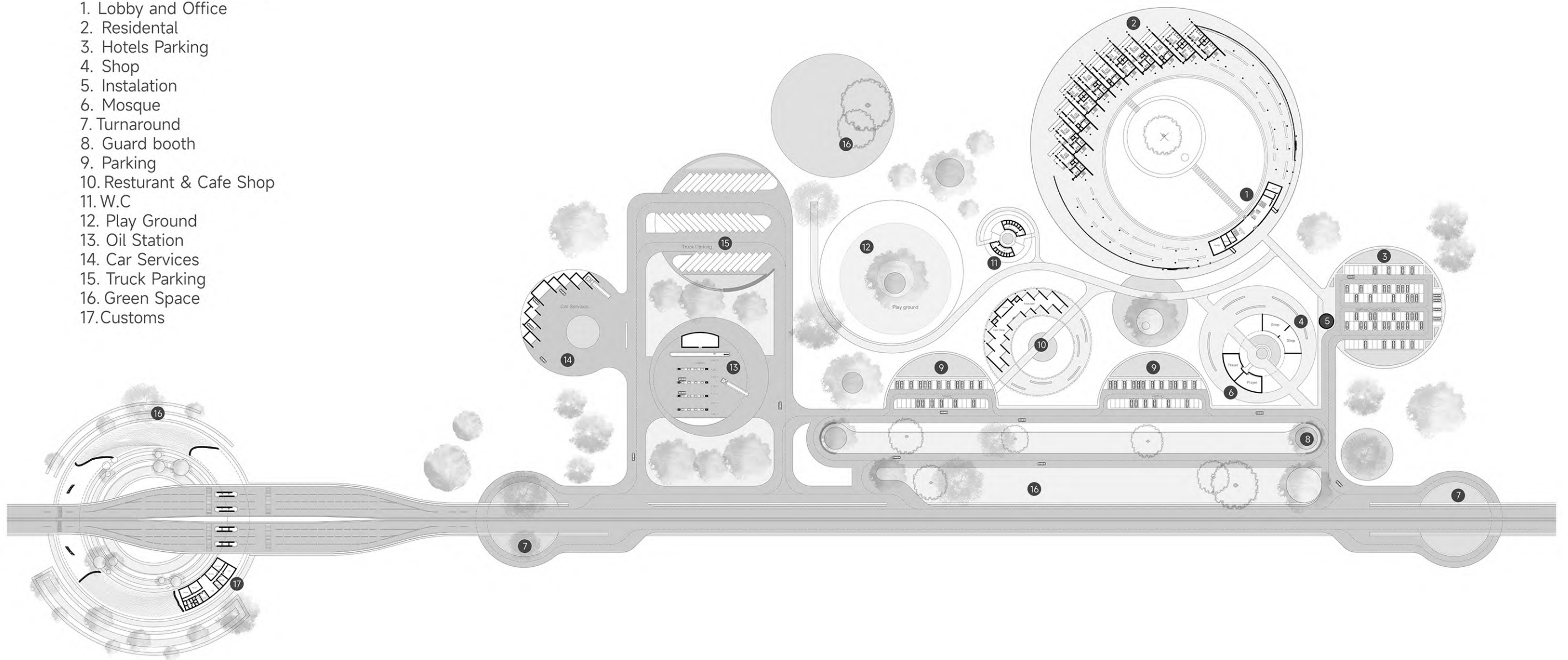
ENTRANCE GATE



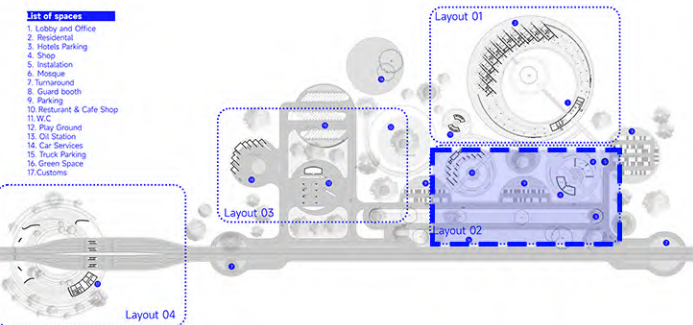
Ultimately, the welfare complex will be a system of functions that, while being interconnected, each has a flexible inner courtyard with its own function and feel.

List of spaces

1. Lobby and Office
2. Residential
3. Hotels Parking
4. Shop
5. Instalation
6. Mosque
7. Turnaround
8. Guard booth
9. Parking
10. Resturant & Cafe Shop
11. W.C
12. Play Ground
13. Oil Station
14. Car Services
15. Truck Parking
16. Green Space
17. Customs

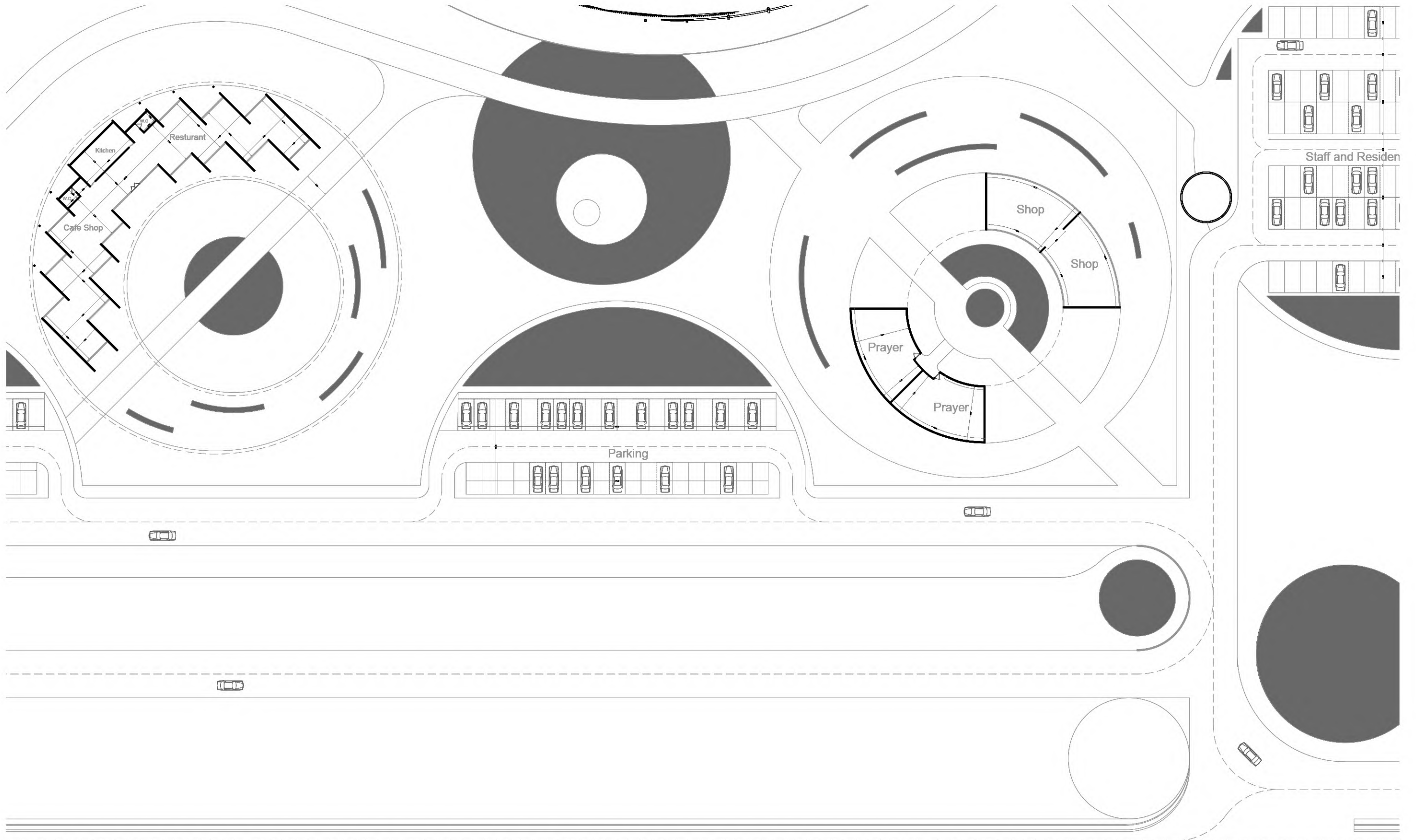


THE COMPLEX PLAN

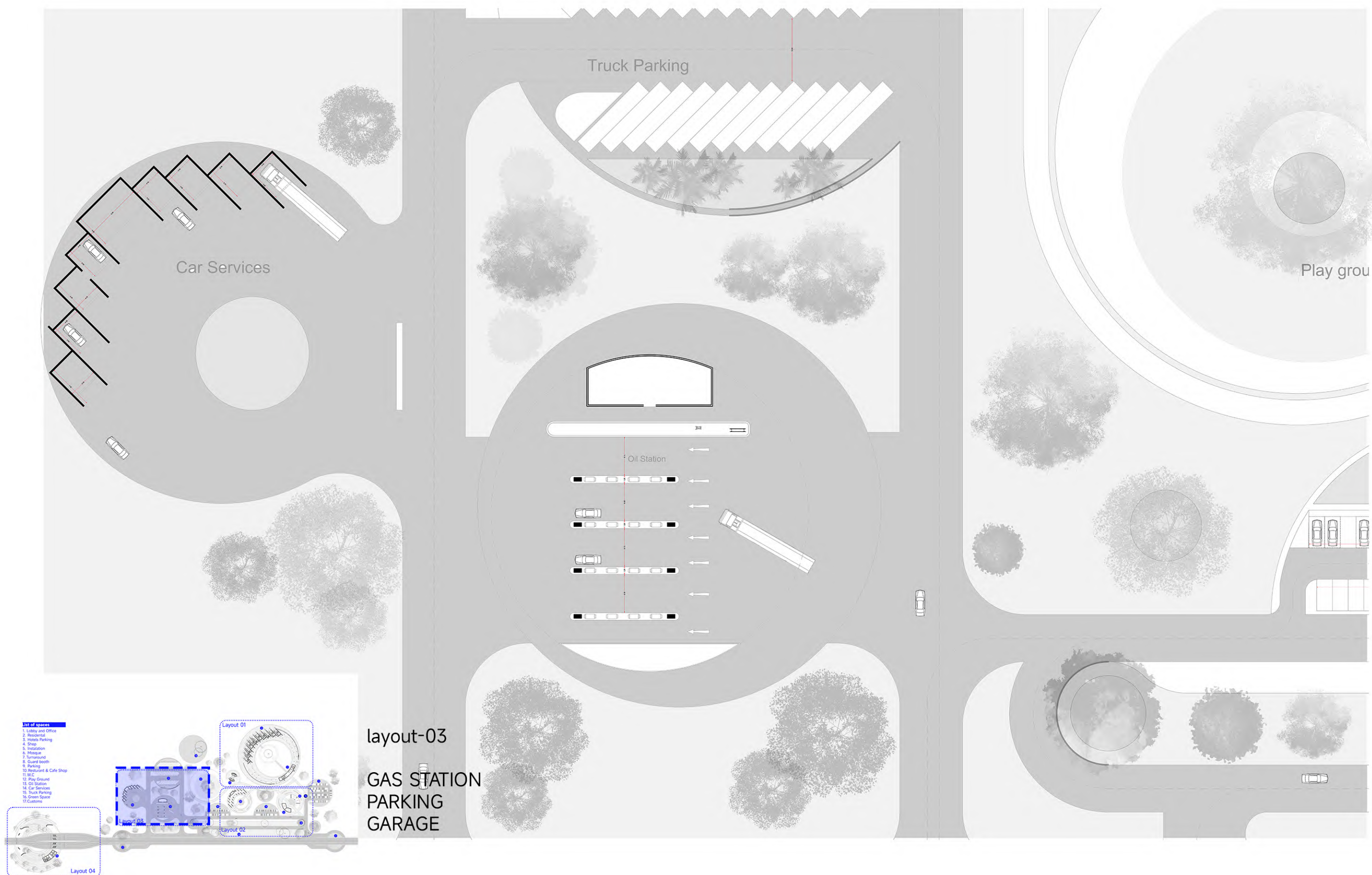


layout-02

COFFEE SHOP
RESTAURANT
PRAYING ROOM
STORE



RESTURANT-SHOPE- PRAYING ROOM DIMENTION





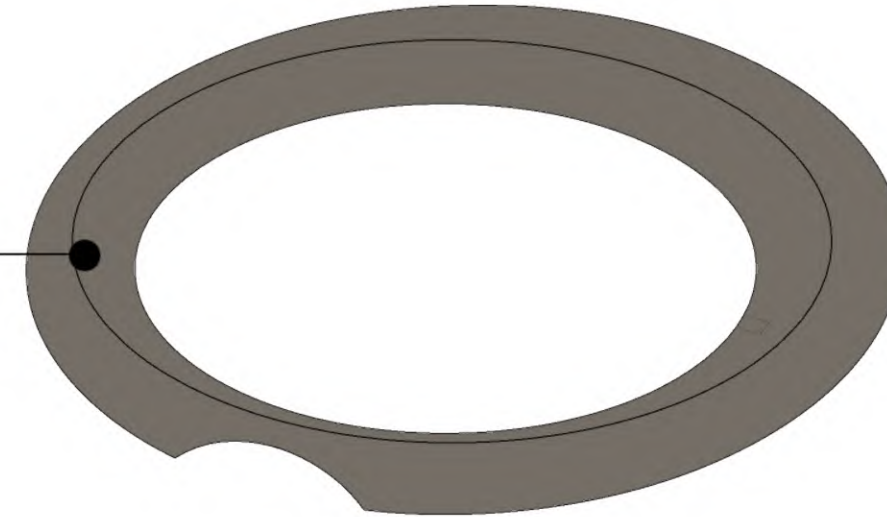
02

R E S I D E N T I A L

Exploded diagram
3d simulation
Planning

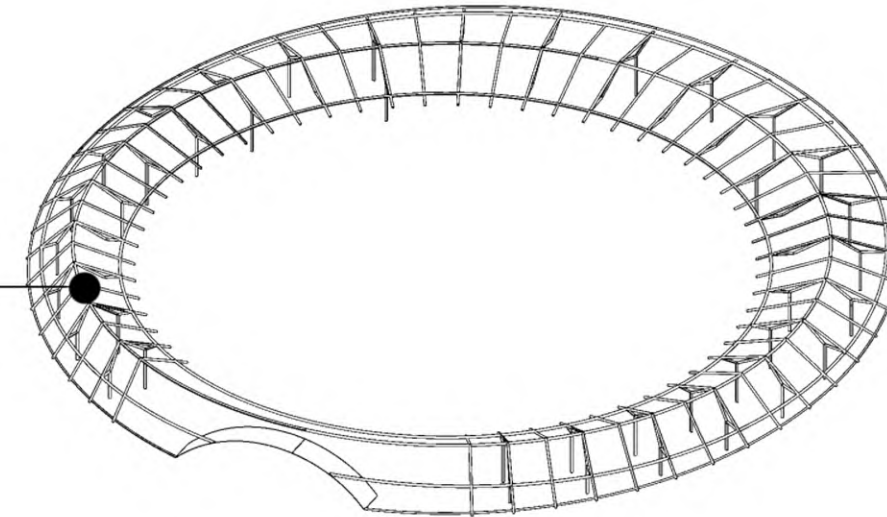
CANOPY ROOF

It is placed on parts of the project like a large awning with the aim of adjusting the climatic conditions. By creating a shadow, it is a second roof that helps regulate environmental conditions. The roof material is a type of local palm tree material and a weave that is common in the region and is very old.



CEILING STRUCTURE

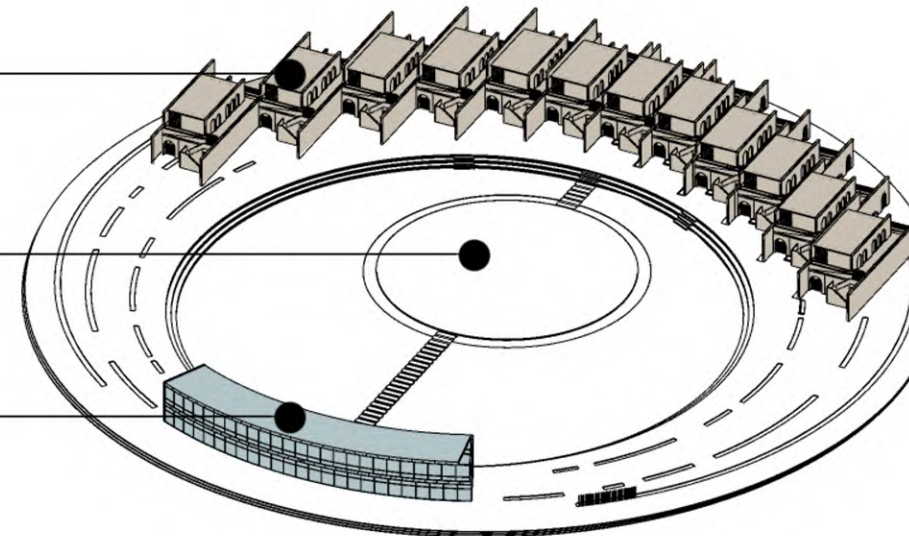
A structure used to support a light roof made of palm trees. The truss form of the structure will help it perform better.



RESIDENTIAL UNITS

PUBLIC COURTYARD

ENTRANCE LOBBY/ ADMINISTRATIVE



RESIDENTIAL COMPLEX



INSIDE RESIDENTIAL

A large circle is the overall nature of the residential space. Under this roof, closed, semi-open and open spaces are all formed around each other. The entrance building is on the south side and the residential suites are all located on the north side of the project.



RESIDENTIAL UNITS ENTRANCE

The residential blocks are arranged on two floors with separate entrances. The interior walls are extended outwards to create more privacy for the entrance, and the view on the ground floor is limited by latticed partitions.



OUTSIDE RESIDENTIAL

The layout of the suites is such that they have an entrance from the courtyard and each has a courtyard facing the outside of the complex. The privacy of the spaces is maintained and the infinite views of each suite create a sense of being and tranquility in a residential environment.



RESIDENTIAL PRIVATE OUT-YARD

Each residential unit has a private courtyard with an infinite view of the surrounding nature. On the upper floor, this courtyard is converted into a terrace and has the ability to arrange outdoors. While the upper floor terraces benefit from the shade created by the circular light roof.



INSIDE RESIDENTIAL

Temporary residence in the south has been of great interest to various enthusiasts in recent years. This complex can provide a suitable and standard space to users by providing appropriate residential and welfare facilities.



NIGHT MODE

Very quiet lighting that does not detract from the tranquility of the space, focusing on the community center in the residential area, is a suitable suggestion for special nights in Chabahar, while not producing too much visual pollution and framing the sky.



01

LIVED EXPERIENCE

Tradition, in an empirical perspective, has always provided the best answers to the construction problem over time. The method of construction and use of palm tree leaves and wood, which is taken directly from the field, is a very suitable ecological-architectural-cultural response for the complex's spaces. This work can also help create employment for the indigenous people of the region.



02



03

- 01: Designed residential proposal
- 02: The final coating of palm leaf weaving
- 03: Wooden structure made of nature

RESIDENTIAL COMPLEX

RESIDENTIAL UNITS

COURTYARD

W.C

1. Lobby and Office

2. Residential

3. Hotels Parking

4. Shop

5. Installation

6. Mosque

7. Turnaround

8. Guard booth

9. Parking

10. Restaurant & Cafe Shop

11. W.C

12. Play Ground

13. Oil Station

14. Car Services

15. Truck Parking

16. Green Space

17. Customs

Layout 01

Layout 02

Layout 03

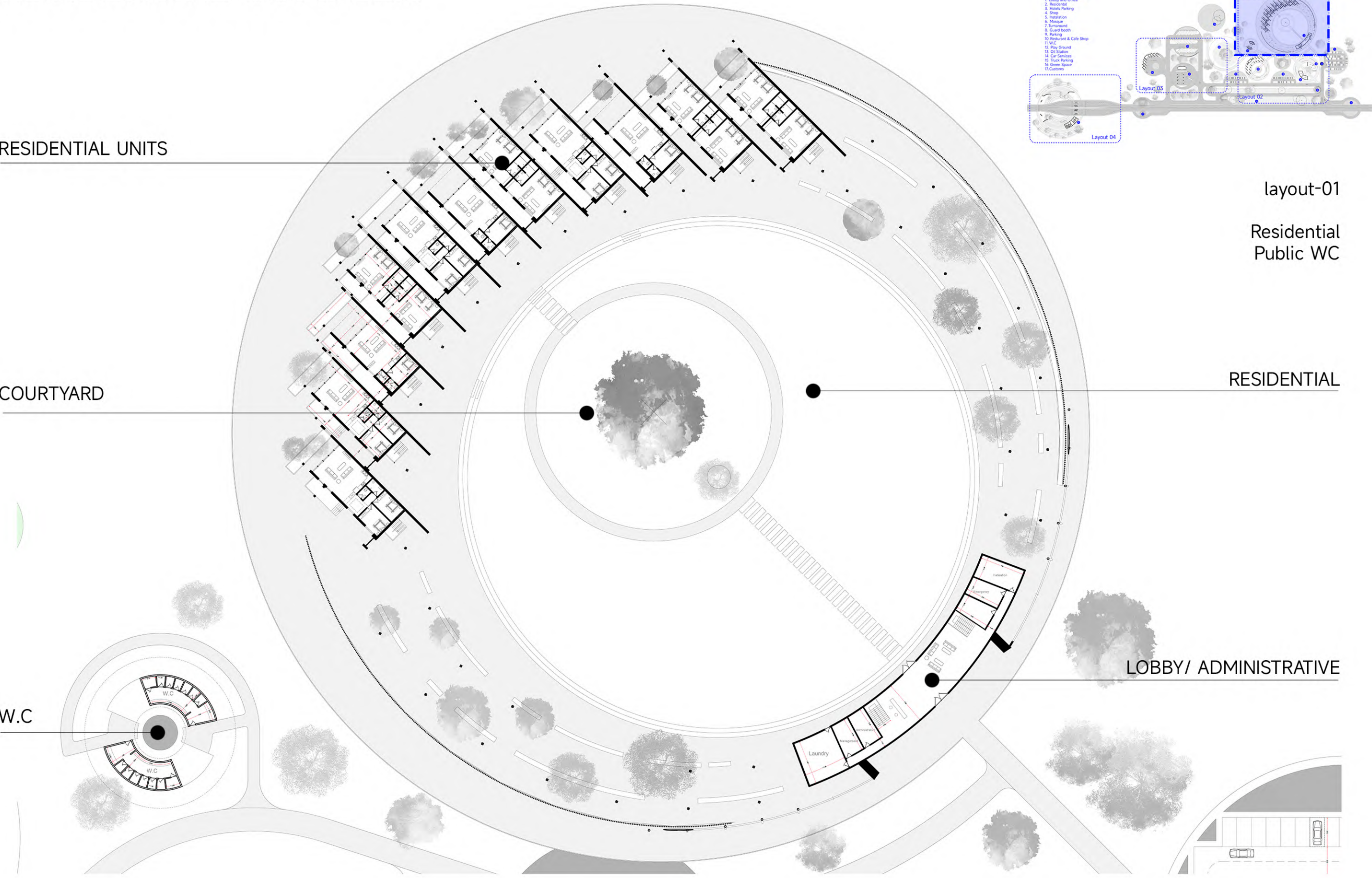
Layout 04

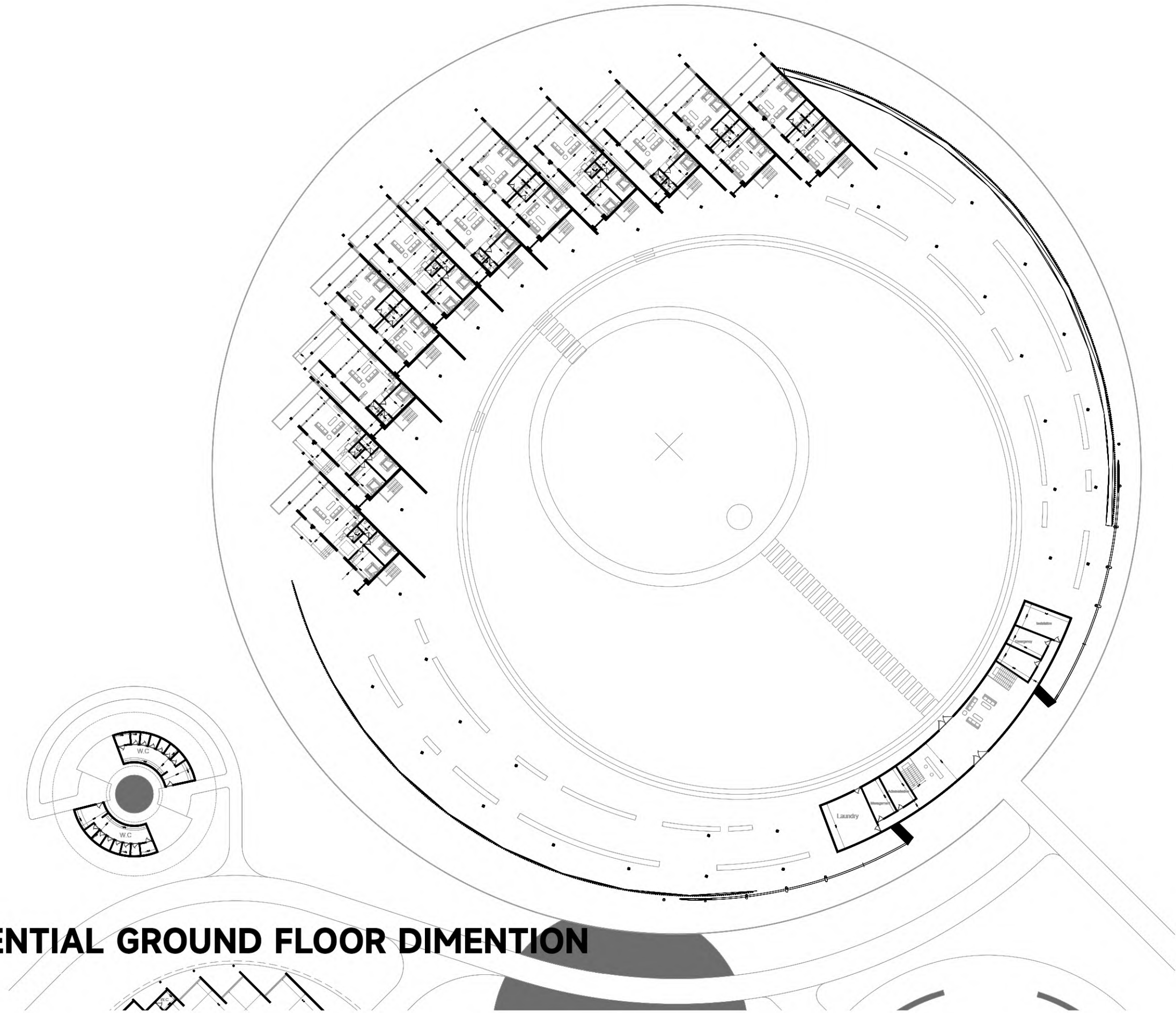
layout-01

Residential
Public WC

RESIDENTIAL

LOBBY/ ADMINISTRATIVE

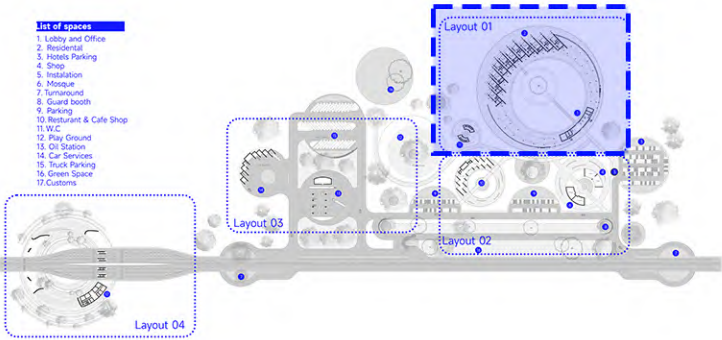
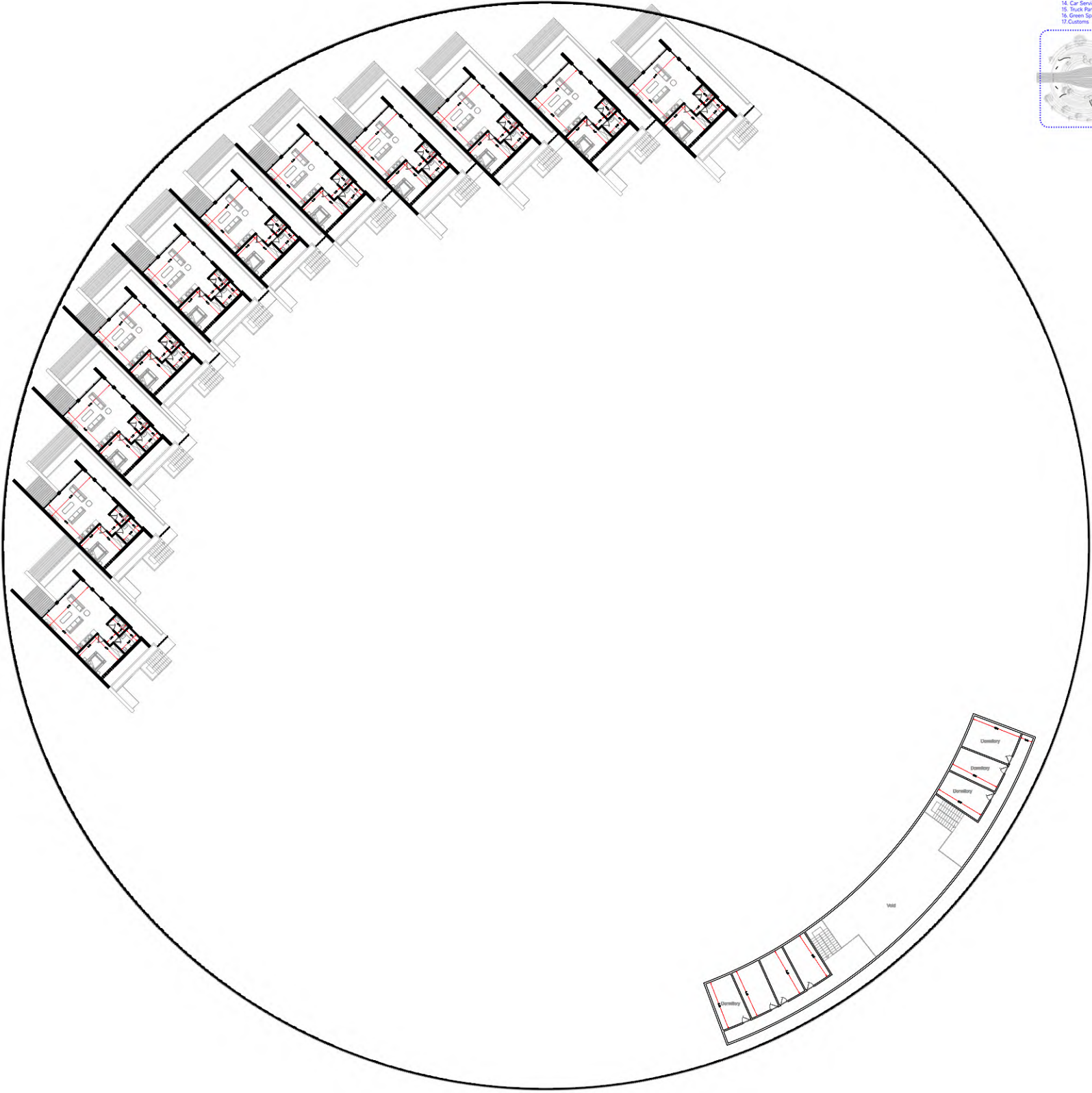




RESIDENTIAL GROUND FLOOR DIMENTION

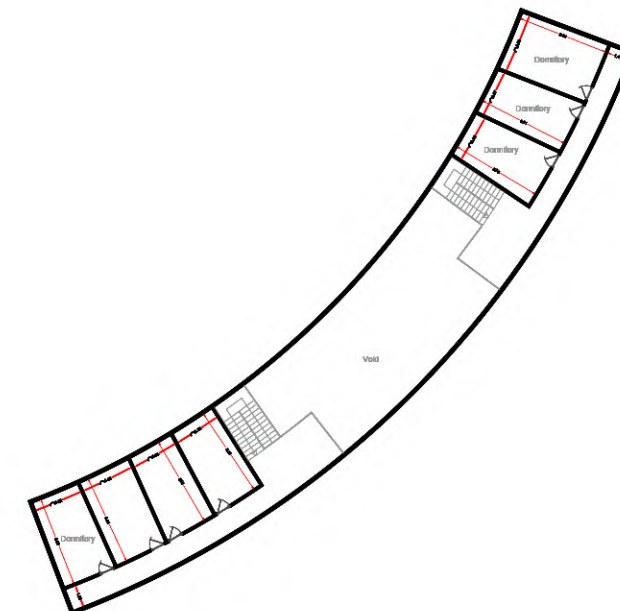
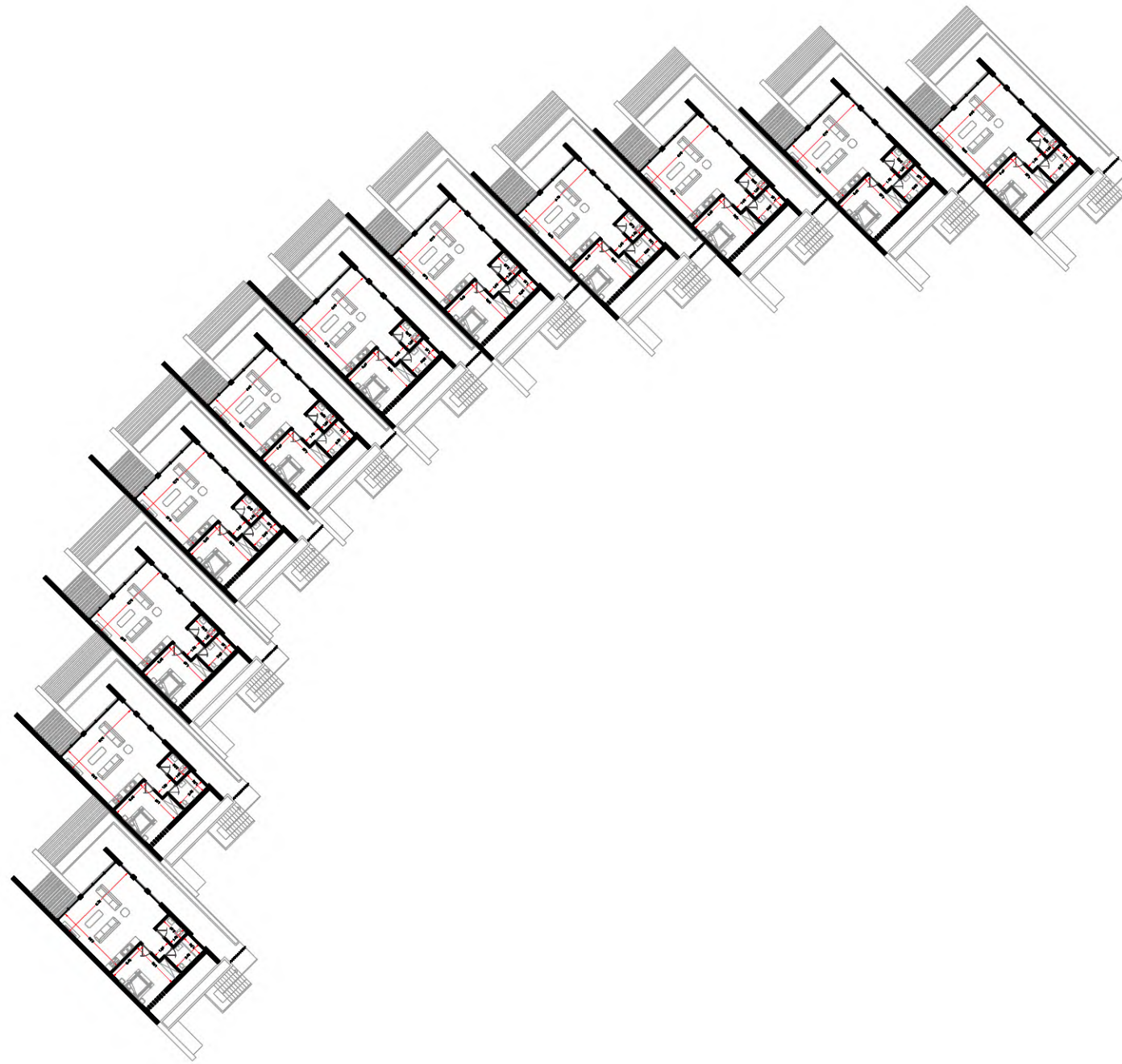
RESIDENTIAL COMPLEX

first floor



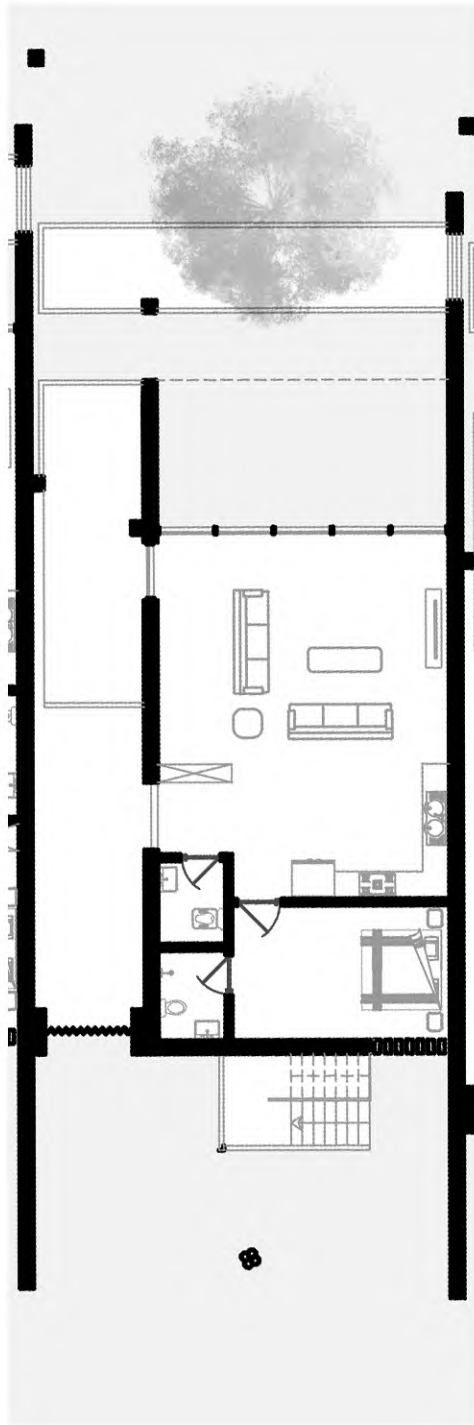
layout-01

Residential
Public WC

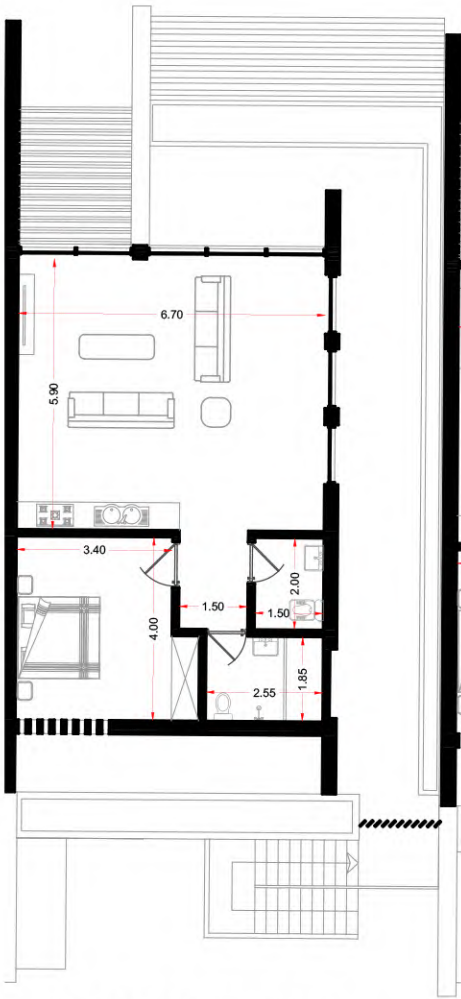


RESIDENTIAL 1ST FLOOR DIMENTION

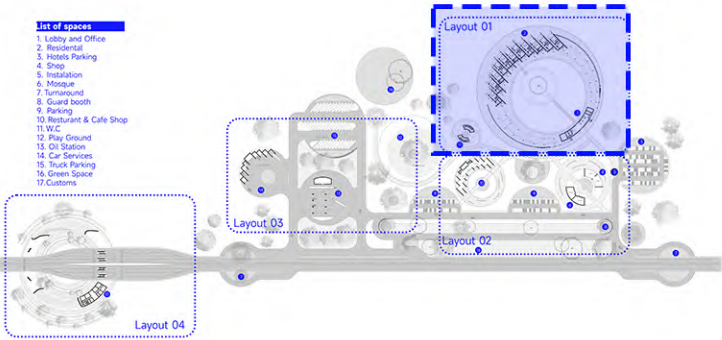
RESIDENTIAL UNITS



GROUND FLOOR

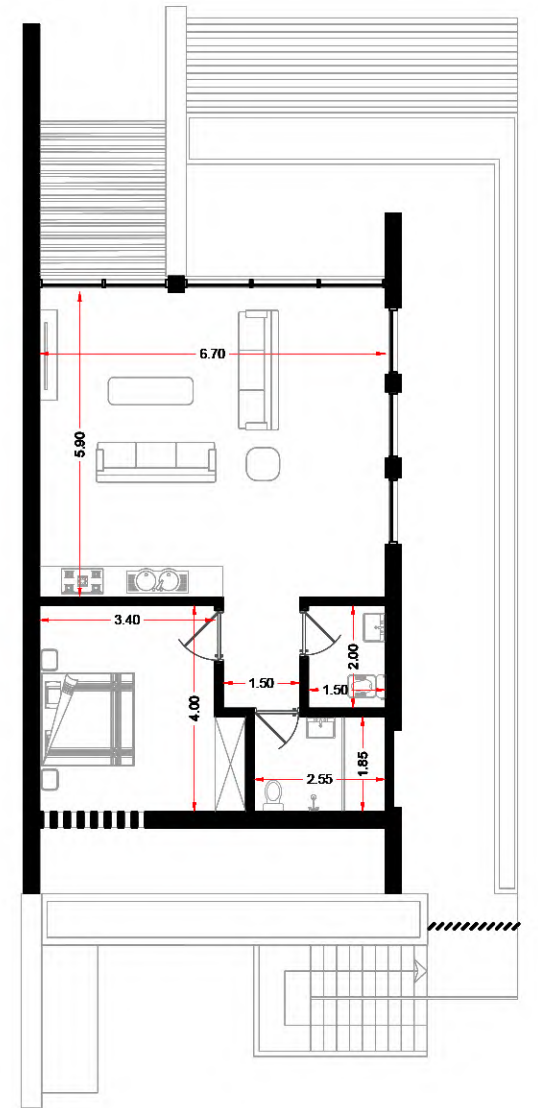
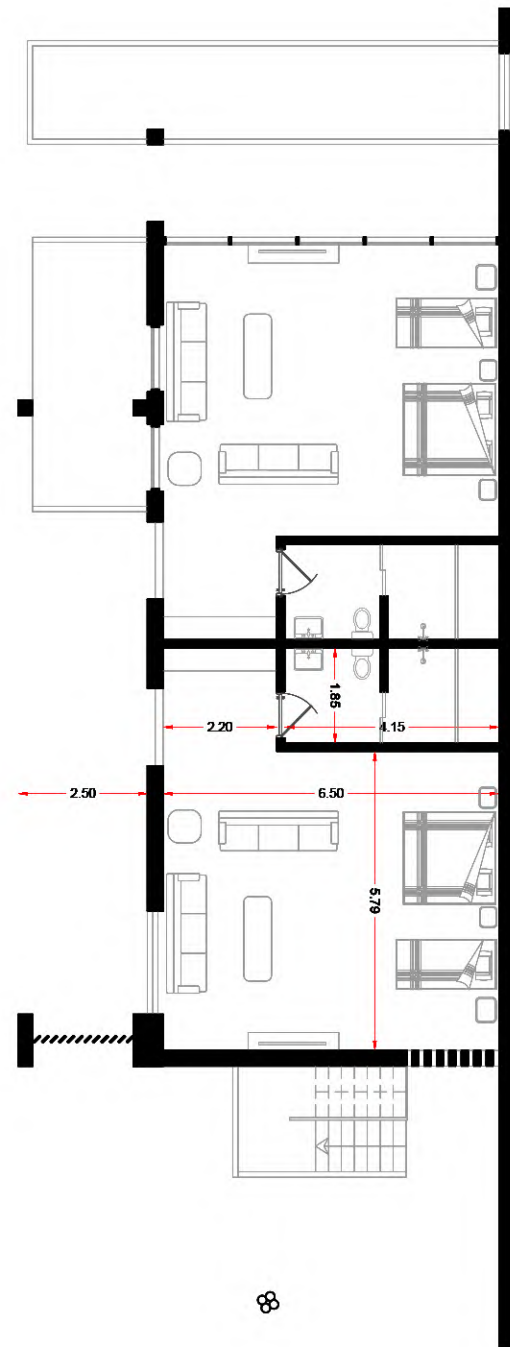
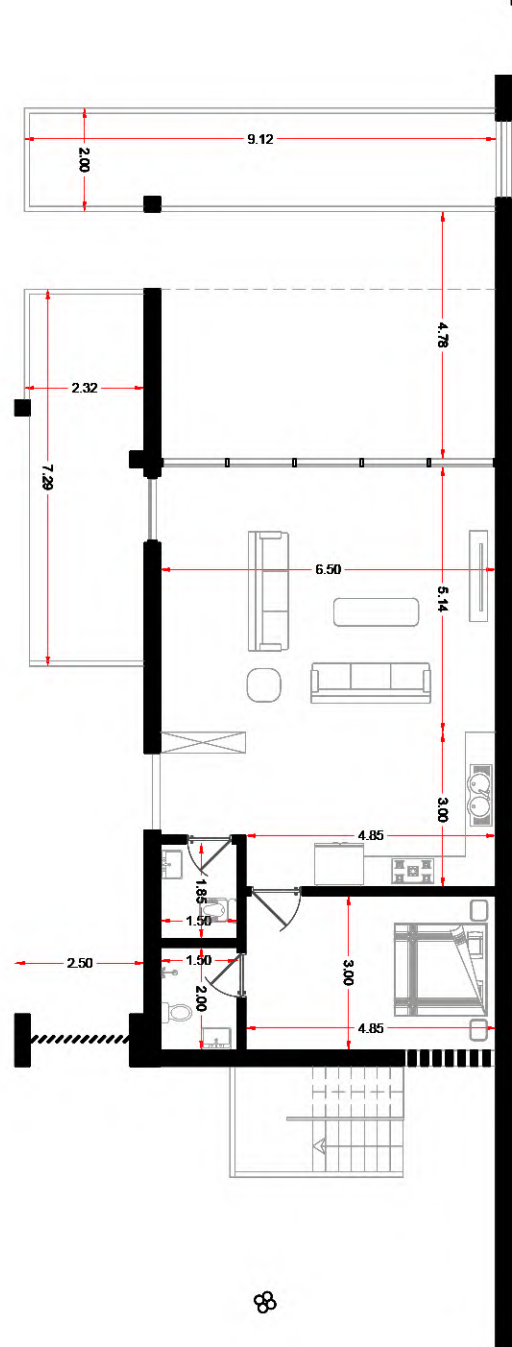
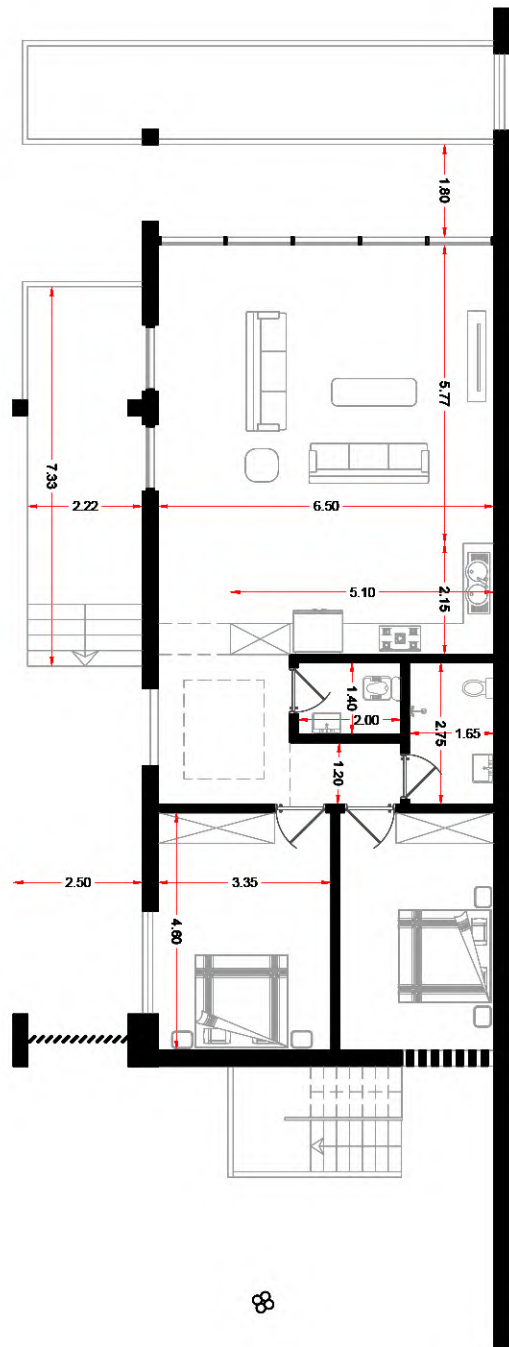


1ST FLOOR



layout-01/02

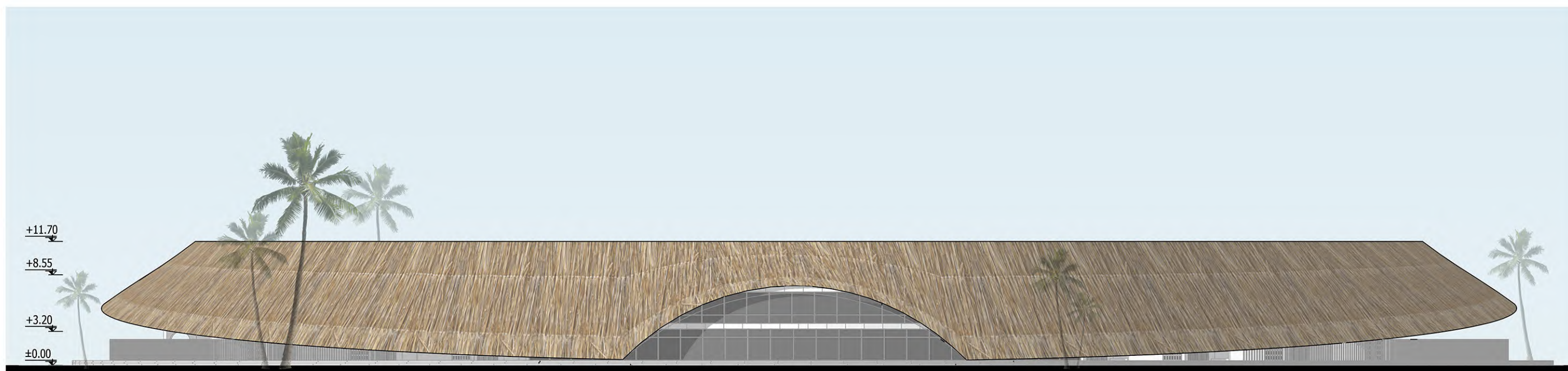
RESIDENTIAL UNITS



RESIDENTIAL UNITS DIMENTION



SOUTH ELV



WEST ELV



SECTION ELV



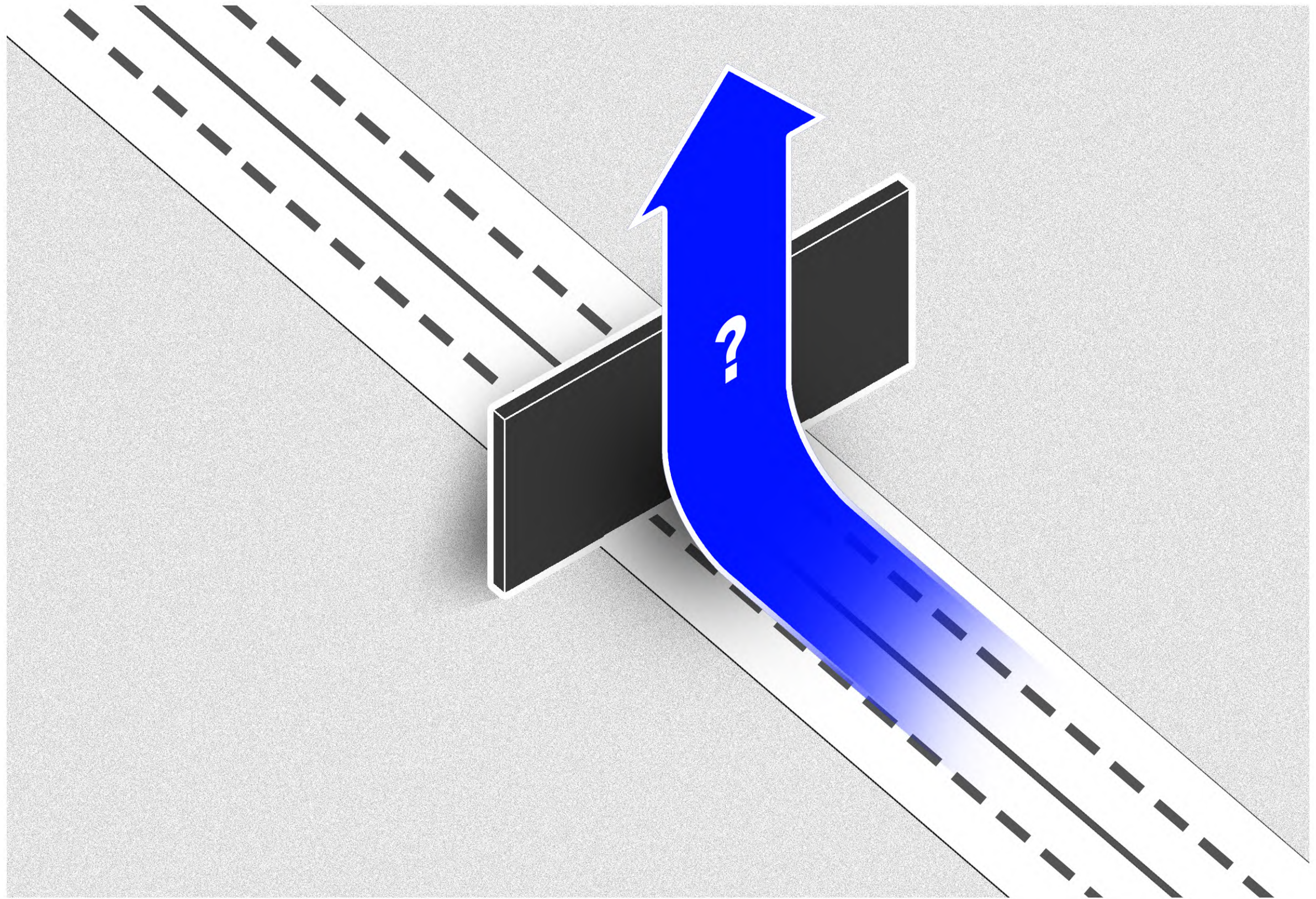
EAST ELV



03

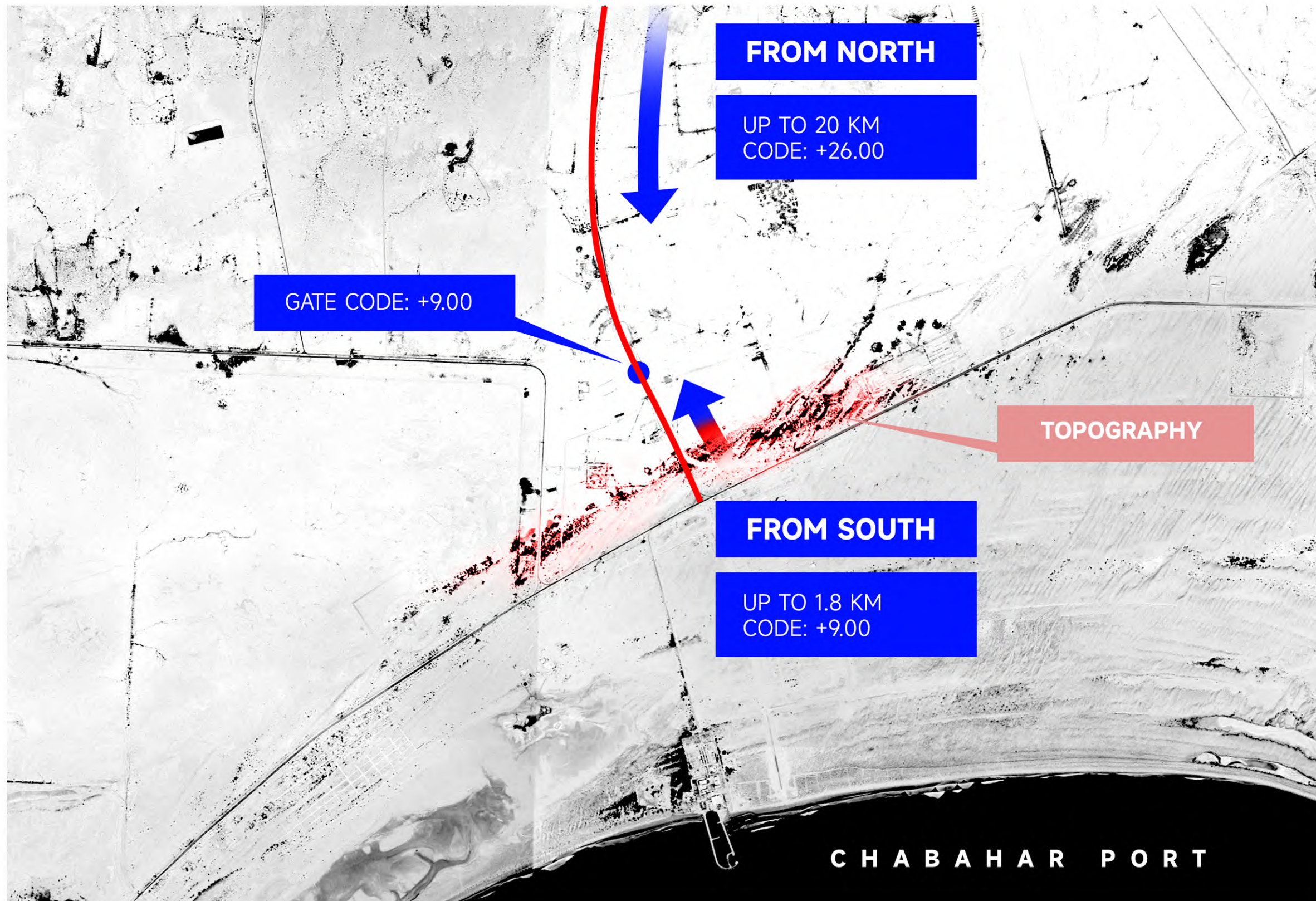
ENTRANCE GATE

The process
3d simulation
Planning



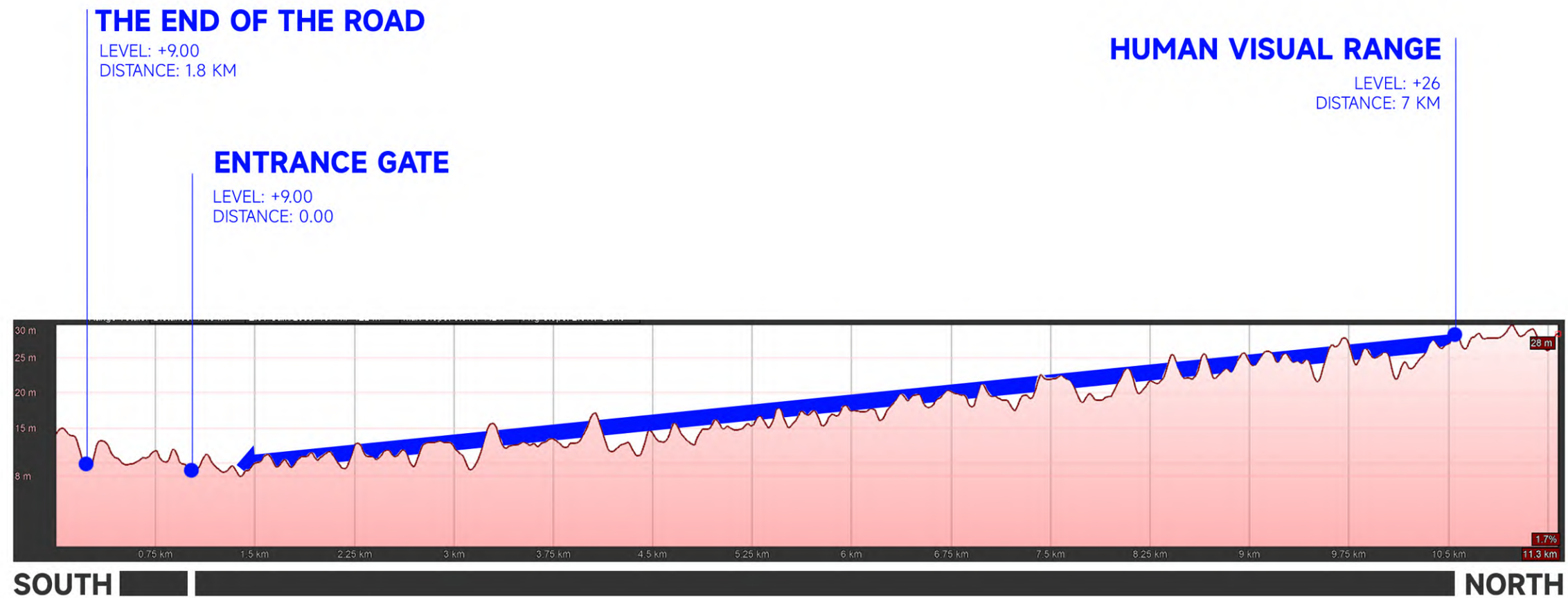
01: HOW TALL?

One of the important questions about the entablature is how tall it should be as a symbol. From what distances will it be visible and how will it stand out in its surroundings?



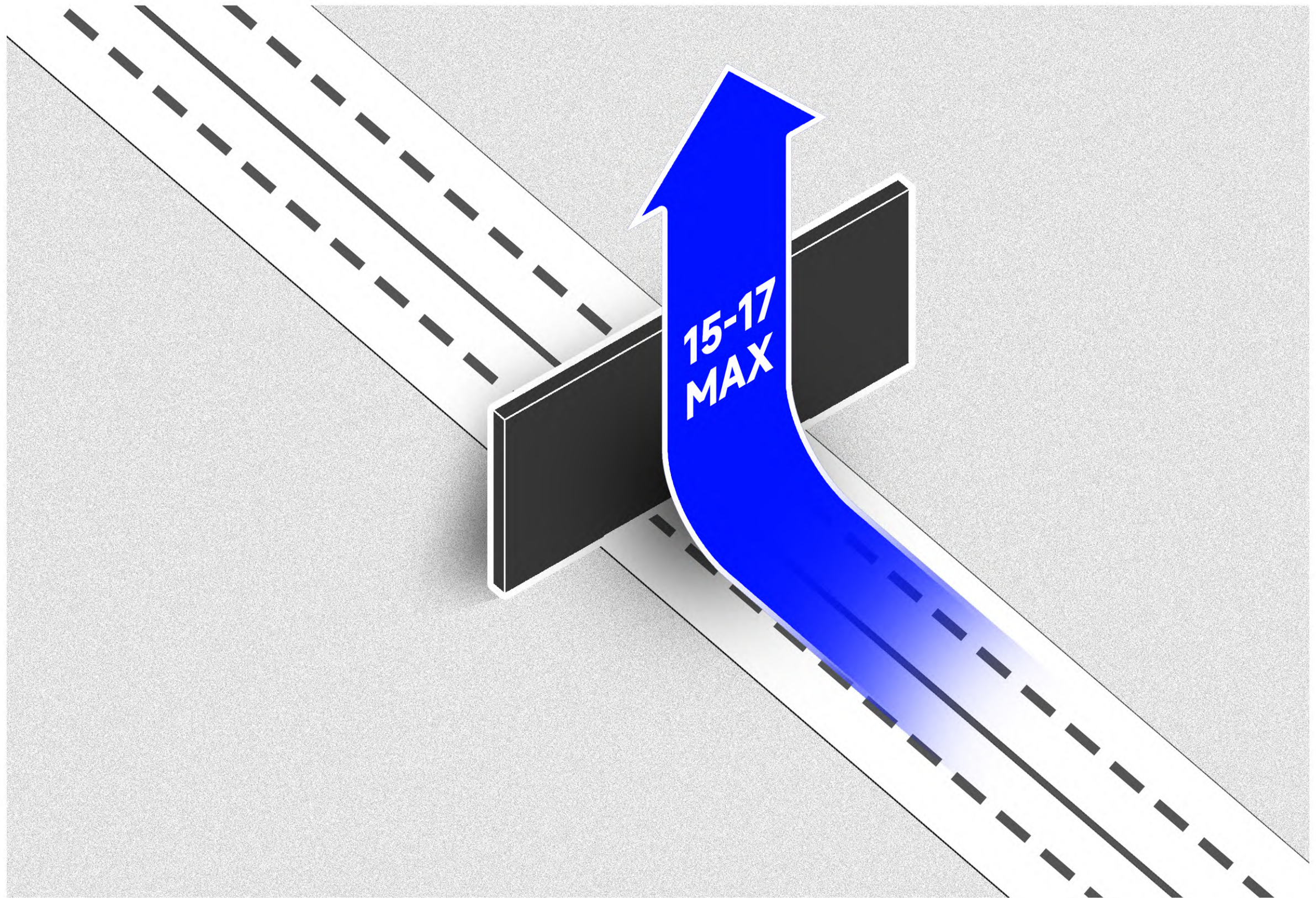
01: HOW TALL?

By examining the surroundings within a 20 km radius of the entrance gate, we will notice that the natural slope of the land is from north to south (towards the sea). From the north, the visibility is limited by the limits of human vision, but in the south, the marked topography makes it impossible to see on the road to the gate.



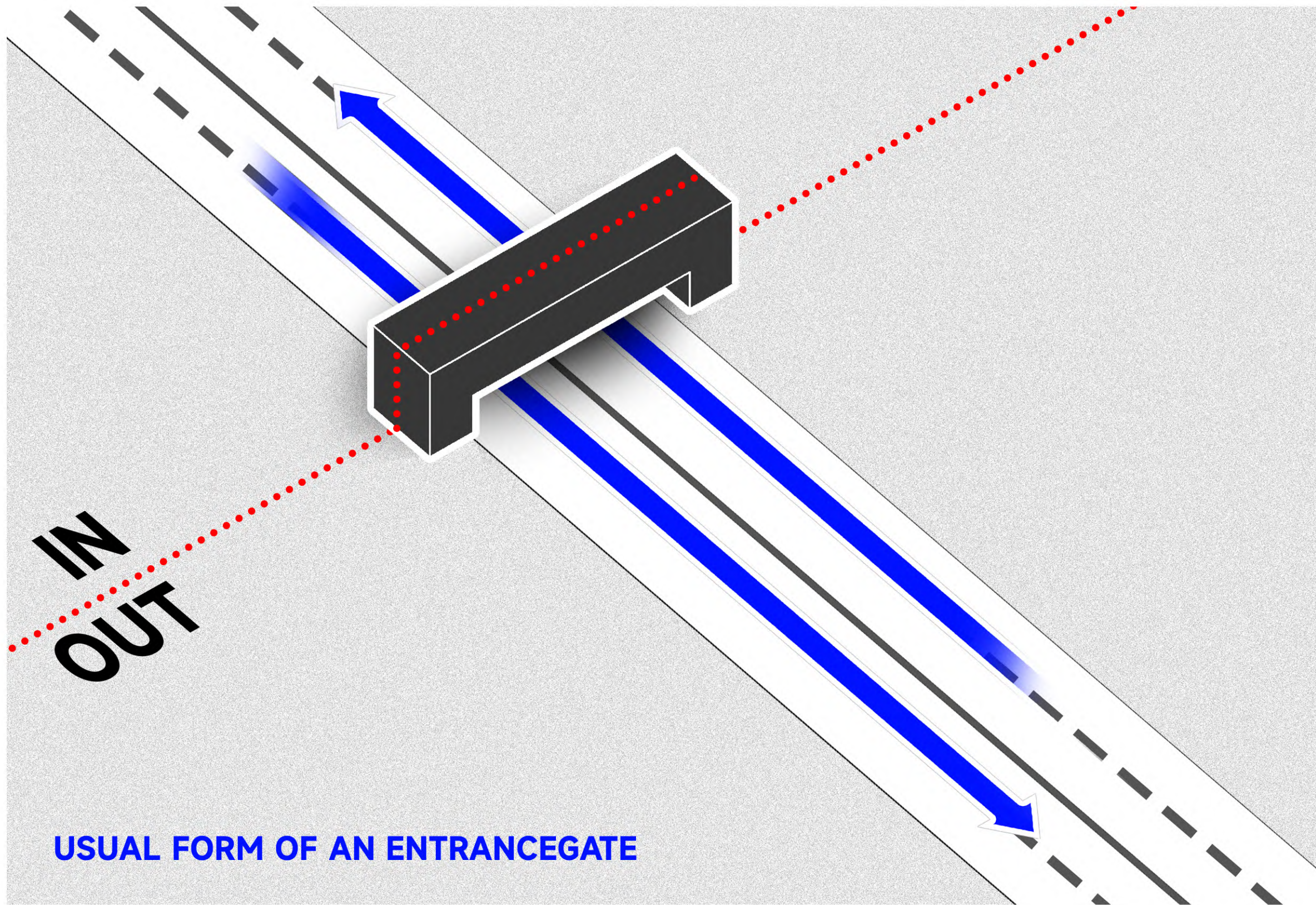
01: HOW TALL?

Examining the route profile on both the north and south sides reveals that in the north, due to the higher elevation code than the gate, we always dominate it. On this front, where we will have the most important view from the road, there is no need for the gate to be too high. And similarly, continuing the southern route to the underlying topography, the land code is almost at the same level.



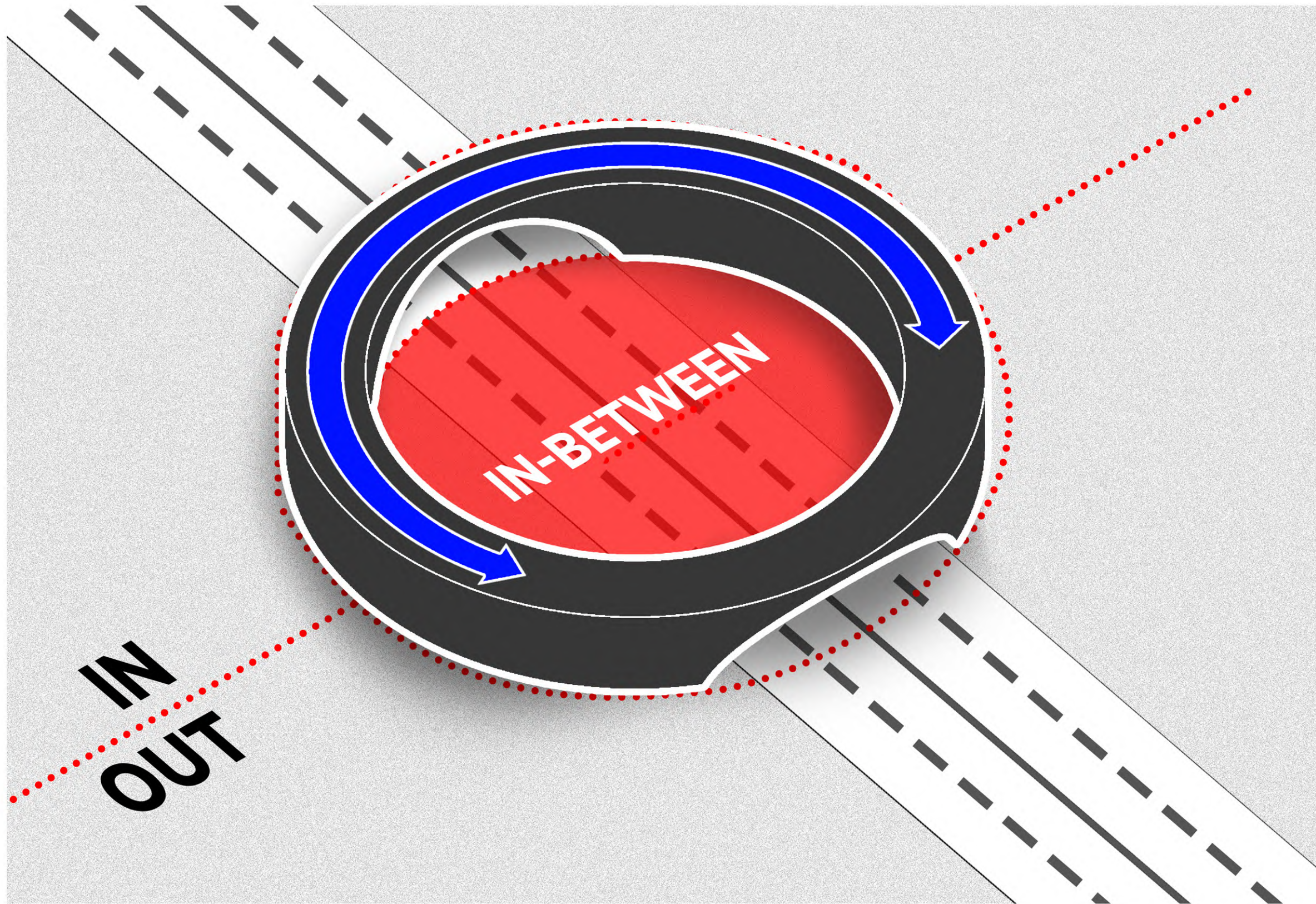
01: HOW TALL?

Obviously, we don't need a specific height to be visible from a distance. This would seem more logical given that there are no specific natural or artificial features in the surrounding area. The optimal height would be between 15-17 meters at the highest point.



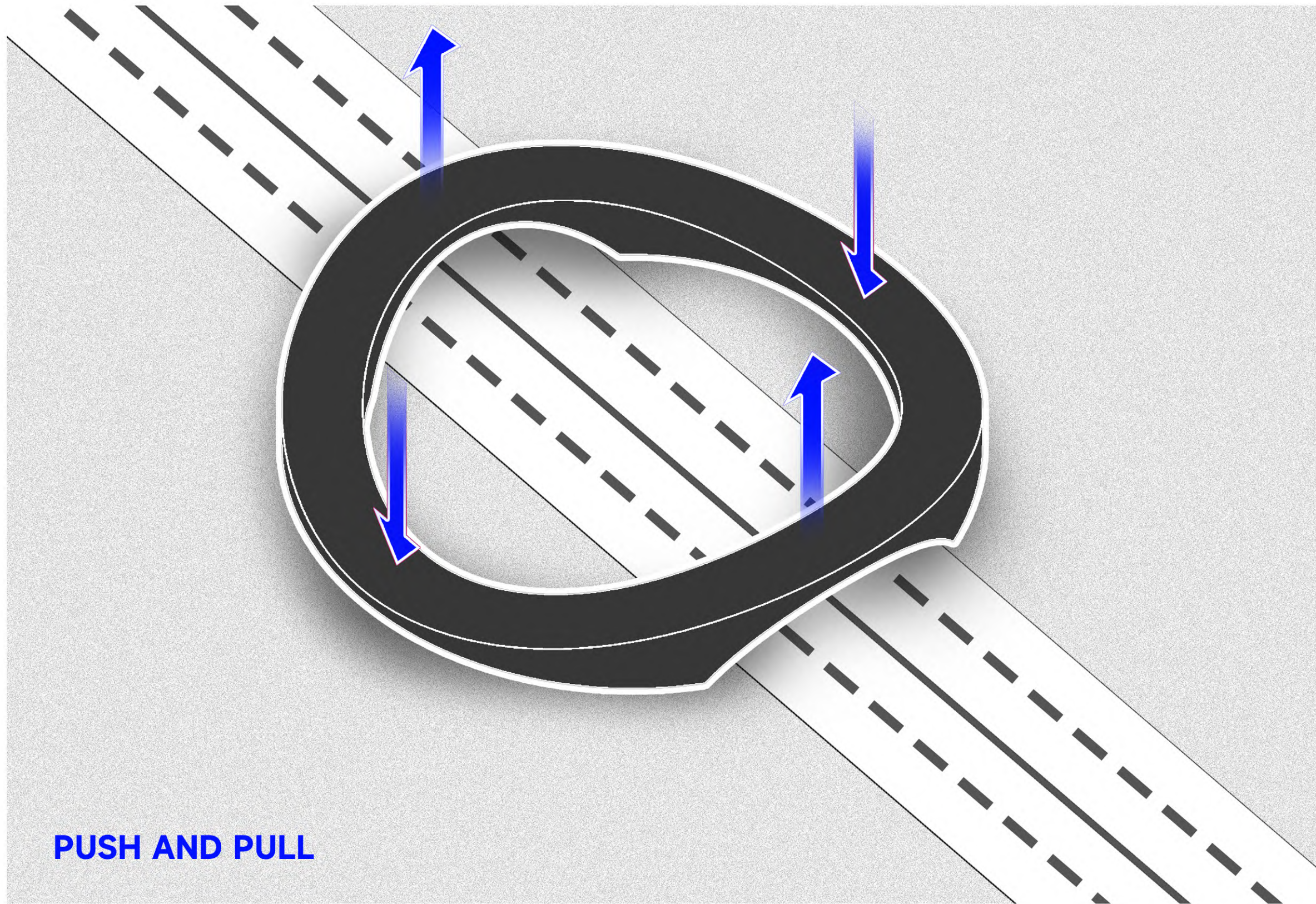
02: THE CHARACTER

Entrance gates are mostly panels with control gates underneath, forming only a narrow passage between inside and outside, with no space in between.



02: THE CHARACTER

By extending the usual line to the circumference of a circle, an interstitial space is created for the entrance gate. This interstitial space is a joint between inside and outside, creating a sense of presence in a space that does not exist before or after it. The entrance gate is transformed from a two-dimensional surface into a space.



02: THE CHARACTER

The entire circle does not need to be elevated. It can be raised off the ground only on the north-south sides, which are the areas of vehicle traffic, and returned to the ground on the east-west sides. This reduces the amount of infrastructure and allows 50 percent of the project to be landscaped, making its construction easier.



CIRCLE



WAVE



DUNE

02: THE CHARACTER

The circle alone will not be a symbol and reminder of Chabahar. We combine the final form with the familiar geometries of the background. The waves of the sea and the desert dunes are among the very special features of Chabahar.



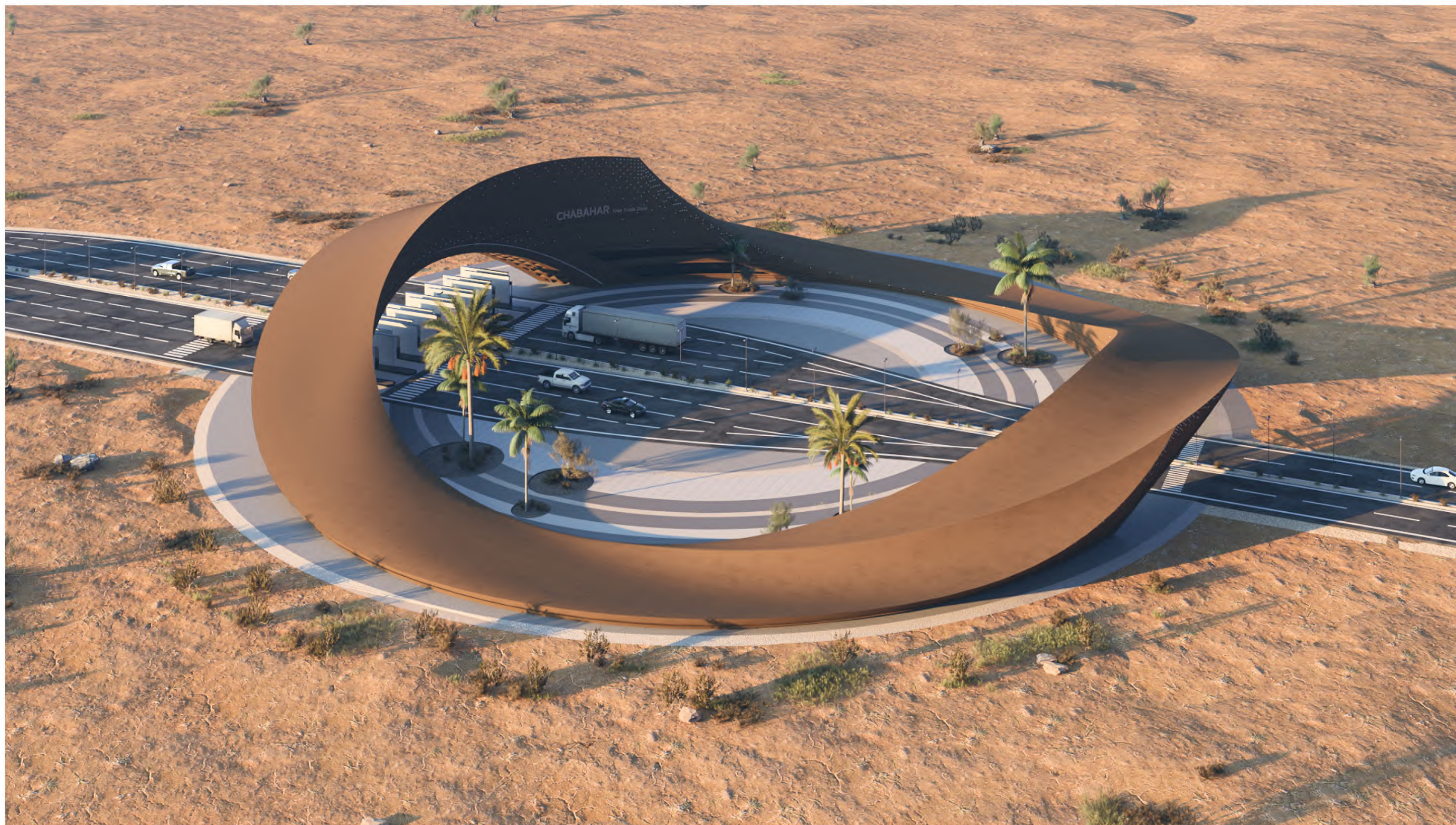
02: THE FINAL CHARACTER

The final form is a circle that evokes the fluid qualities of waves and dunes.



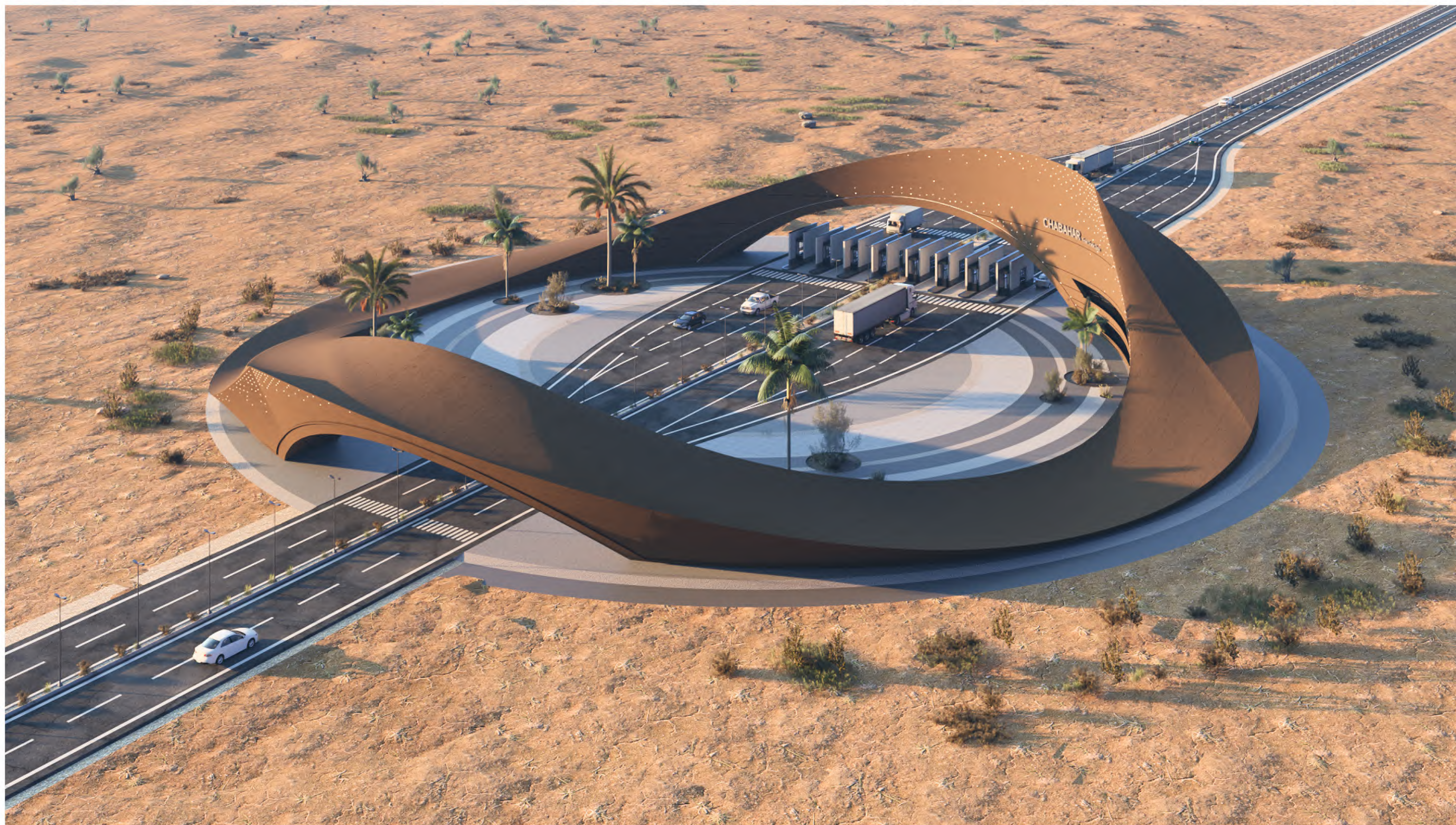
PIECE OF THE CONTEXT

The final form is not a stranger desperately trying to show off. The Chabahar entrance gate is part of the familiar form of the context.



A MEMBER OF THE FAMILY

The form is practically camouflaged in the background. You can either be fascinated by it or simply walk past it.



A MEMBER OF THE FAMILY

The form is practically camouflaged in the background. You can either be fascinated by it or simply walk past it.



FOLLOW THE EDGE

Wavy lines with sharp edges that create a play of light and shadow are characteristic of desert forms.



CATCH THE SHADOW

Pure forms are distinguished by their sharp edges and light shadows.



FINAL MATERIAL

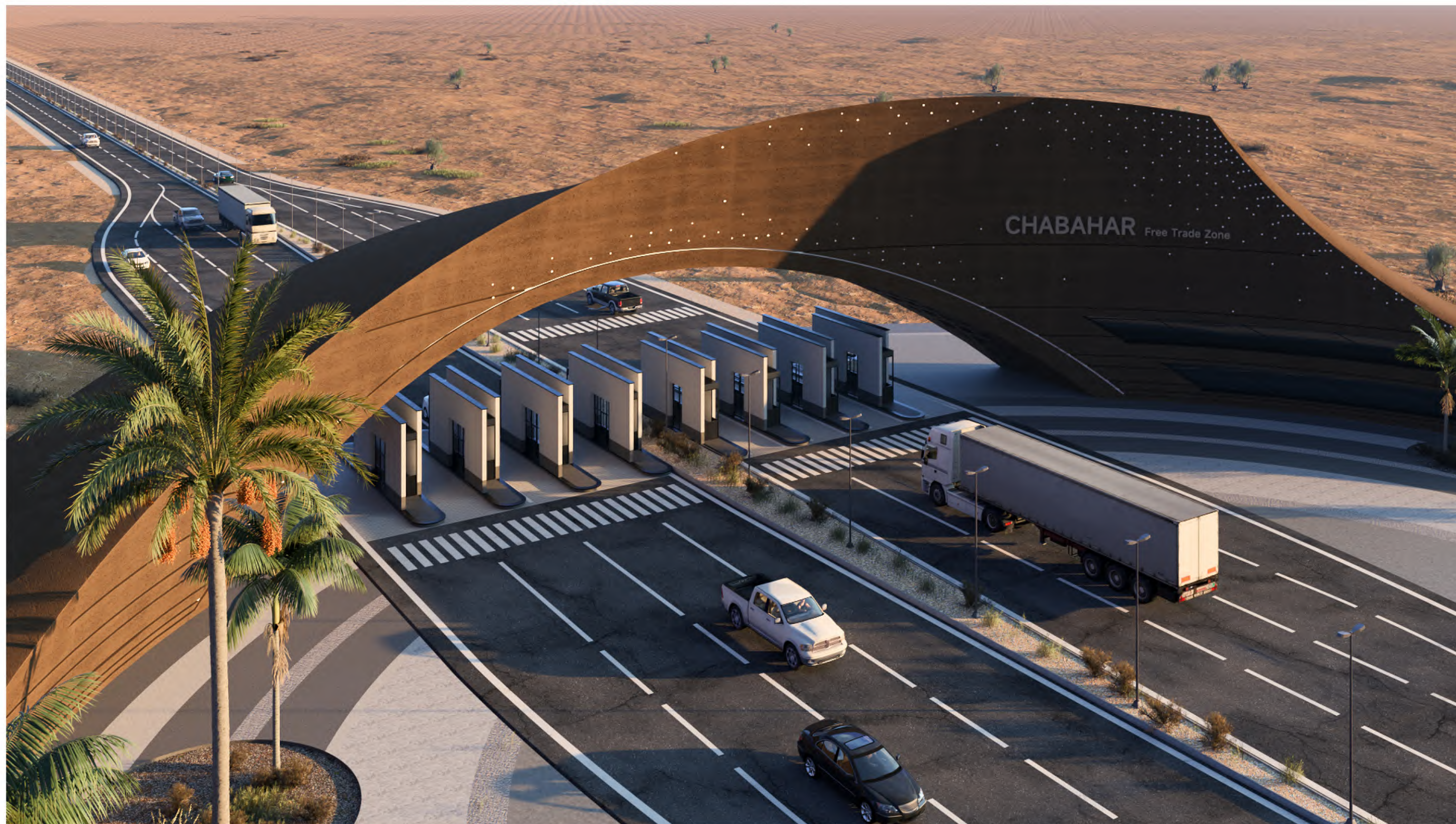
CONCRETE/ MICROCEMENT/ BAOMIT

CASE STUDY

AYLA GOLF CLUB- JORDAN

ARCHITECTS: OPPENHEIM ARCHITECTURE
BUILT YEAR: 2018





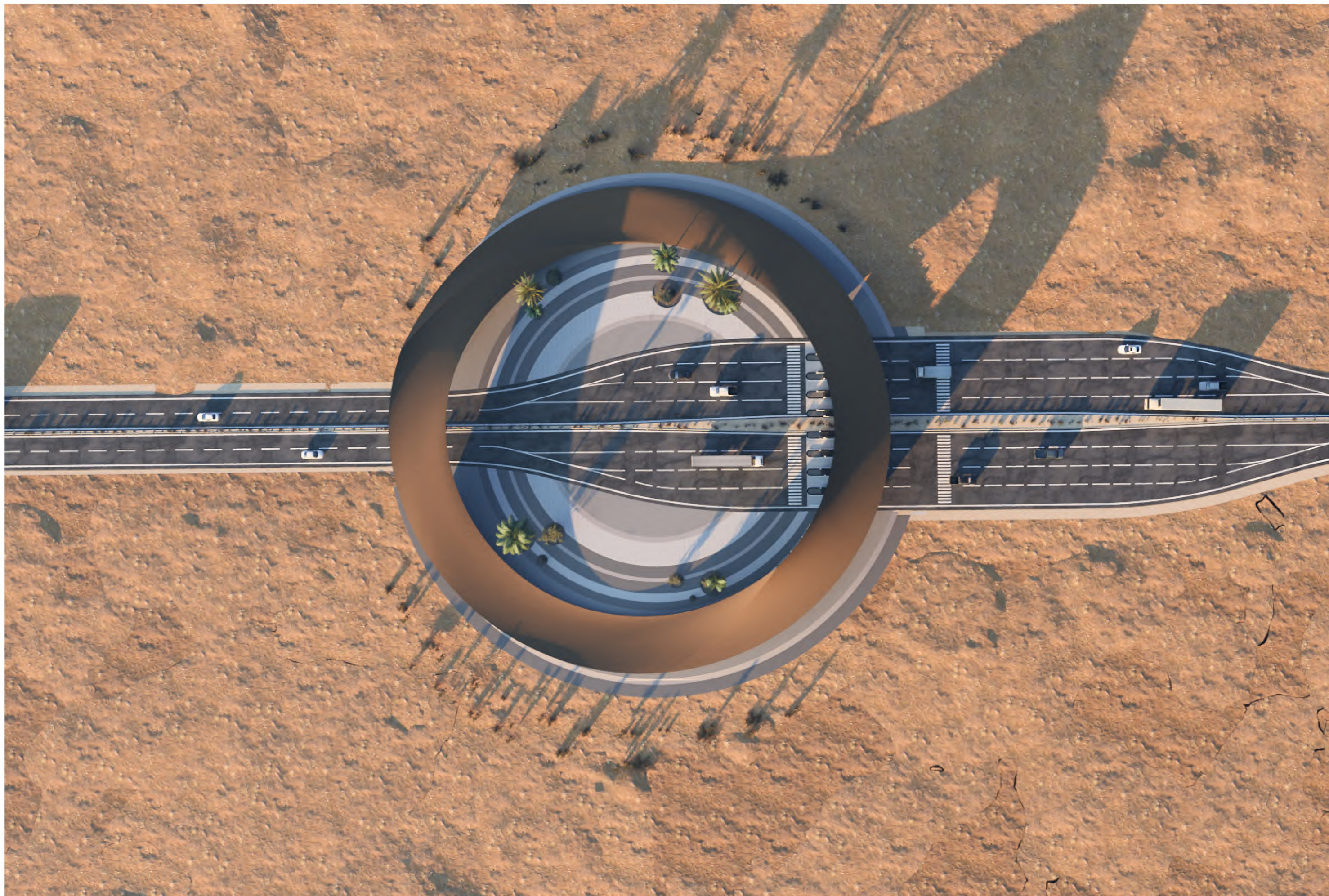
AT THE HEAT OF DESERT

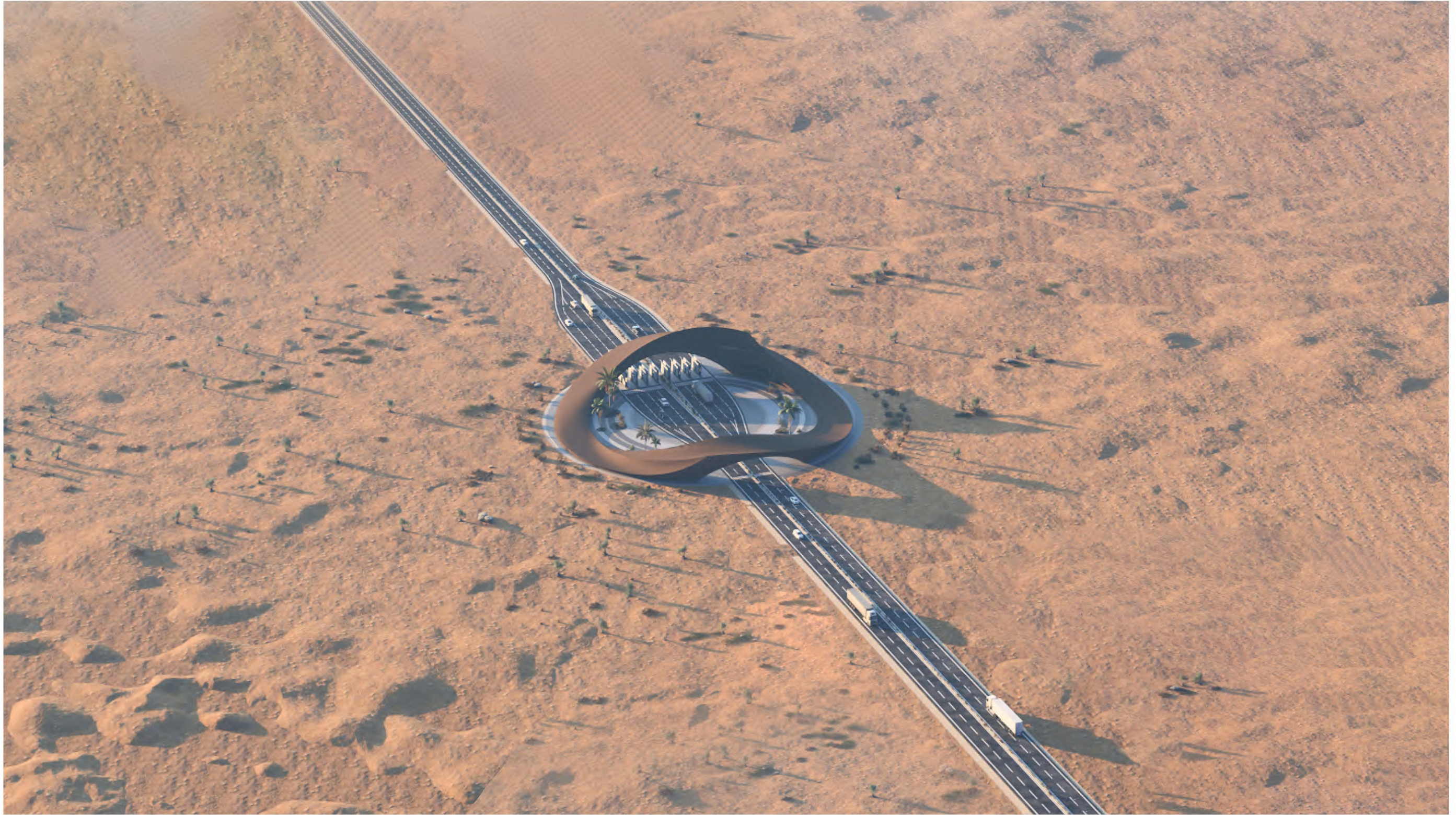
Pure forms are distinguished by their sharp edges and light shadows.



WELCOMING ARC

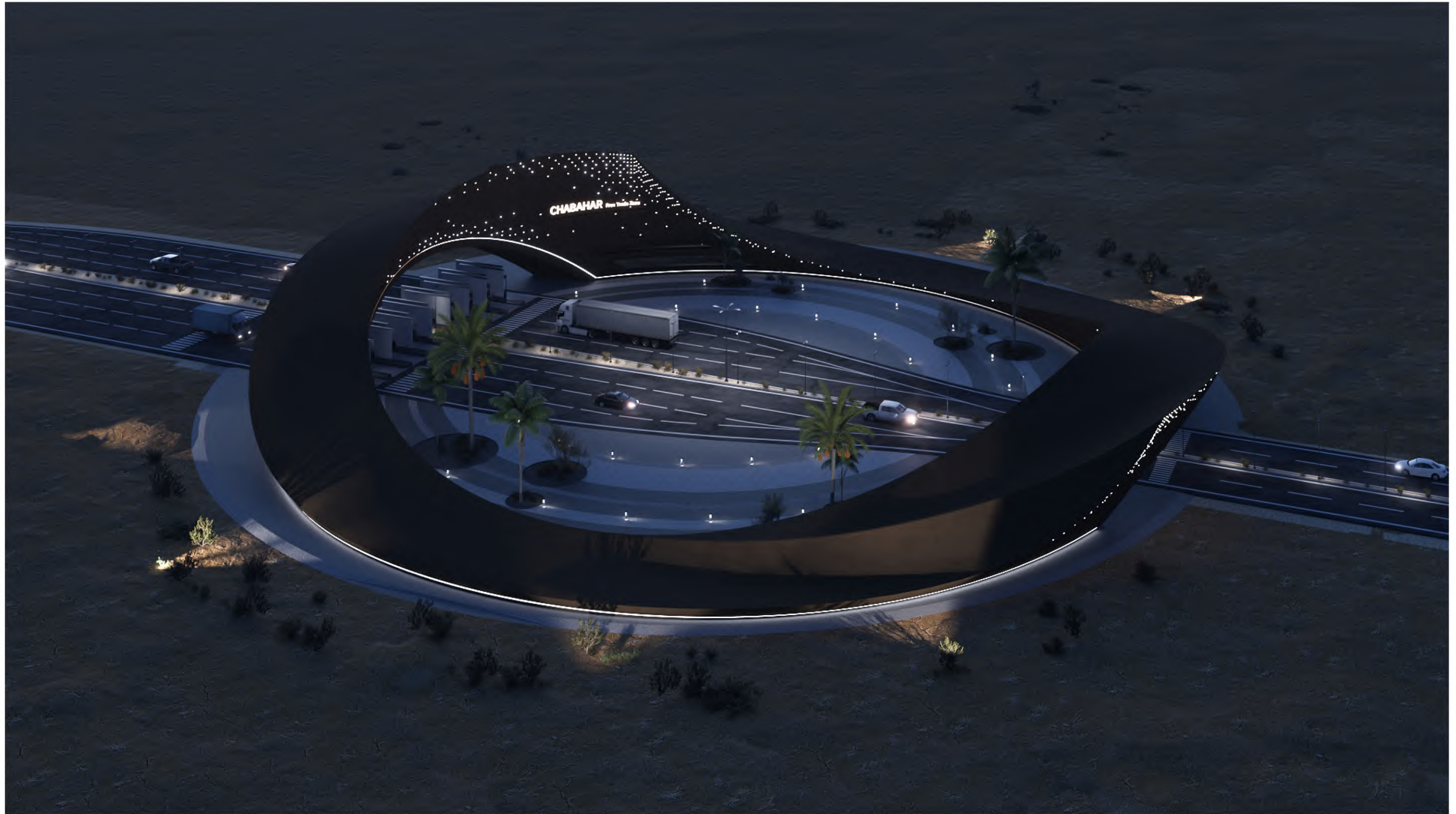
In the entrance a wave, or a dune (depending on the audience's mind) rises from the ground, allowing the audience to worship beneath it. It is as if the ground has embraced it.





AIRPLANE VIEW

Considering the planning and possibility of constructing an airport in the area's master plan, the fifth facade will be considered as an important element.



NIGHT AT THE GATE

The characteristics of the night at the gate will be much different. Noor Bardzieff is again trying to create a different form, derived from the context.



NIGHT AT THE GATE

The characteristics of the night at the gate will be much different. Noor Bardzieff is again trying to create a different form, derived from the context.

03: Extracting



02: Finding

Wave + Dune



01: Exploring

Darak port: where the sea and desert meet together.



Searching for form in the natural context of Chabahar provides us with the primary frames for form and movement adaptation. Familiar movements and forms from the context are suitable to become the symbol of Chabahar.



FOLLOW THE EDGE

Wavy lines with sharp edges that create a play of light and shadow are characteristic of desert forms.



FOLLOW THE EDGE

Wavy lines with sharp edges that create a play of light and shadow are characteristic of desert forms.



ETERNAL GLOW OF A SPOTLESS MIND

The Plankton Beach is one of the most unique natural features of the area and should undoubtedly play an important role in the night lighting.



PIXEL LIGHT

The pixelated light is a symbol and reminder of the plankton beach, which is the most prominent environmental feature in the area at night.

HIDDEN LINEAR LIGHT

Concealed linear light to emphasize the circular form and the land break from the project



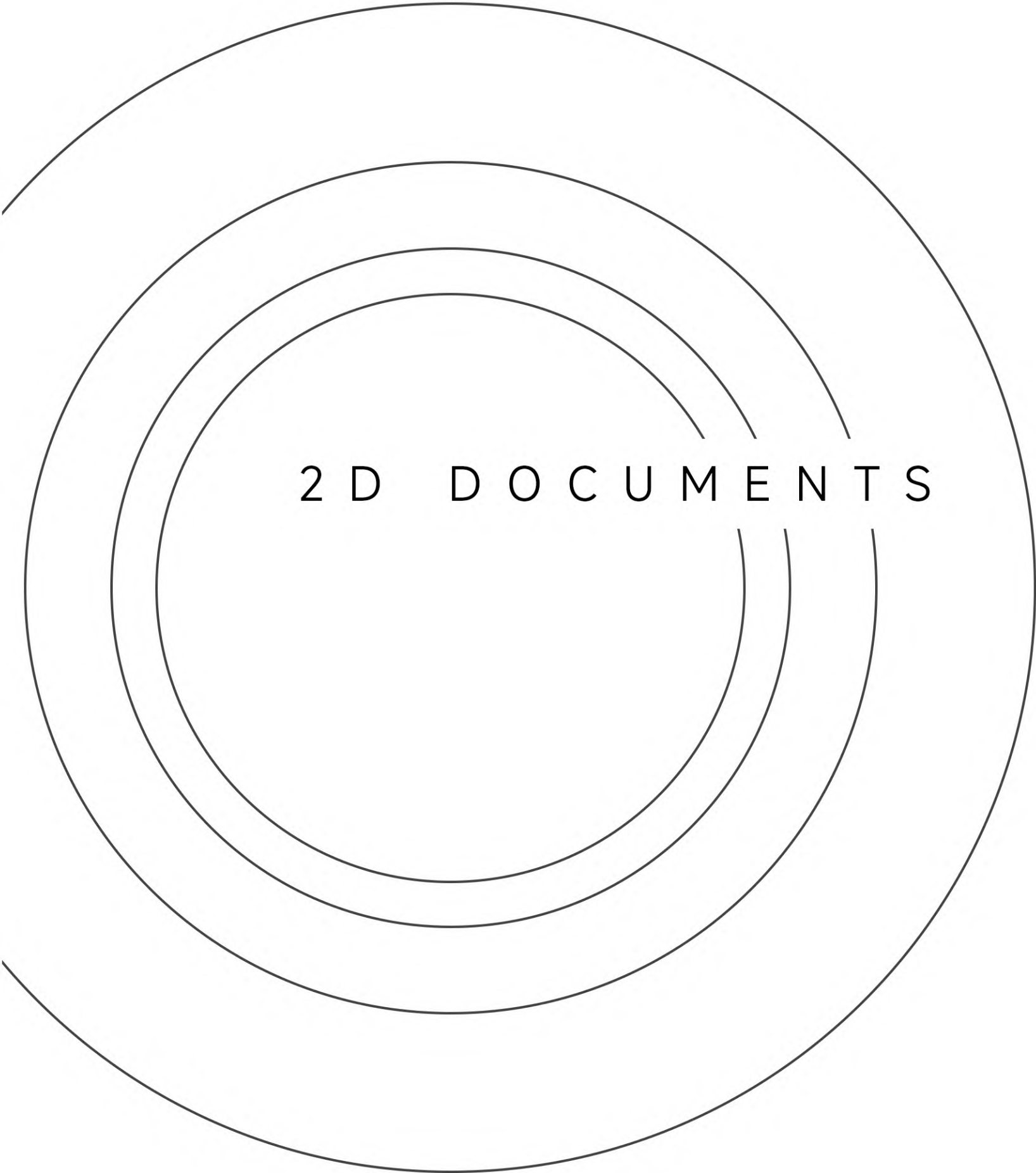
PROJECTOR LIGHTING

Projection light - A projector that is projected from the surrounding ground towards the building like a sculpture, highlighting certain angles of it in B. This light has a decorative dome.

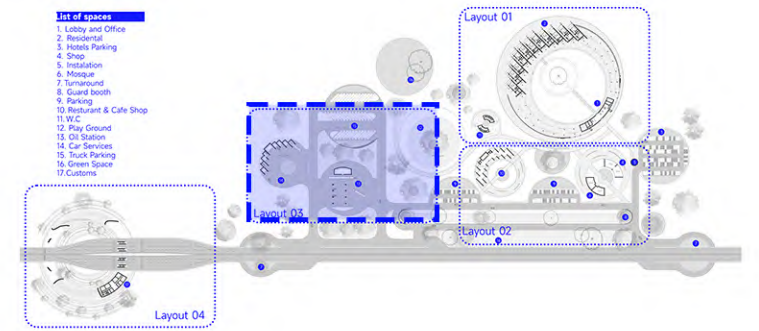
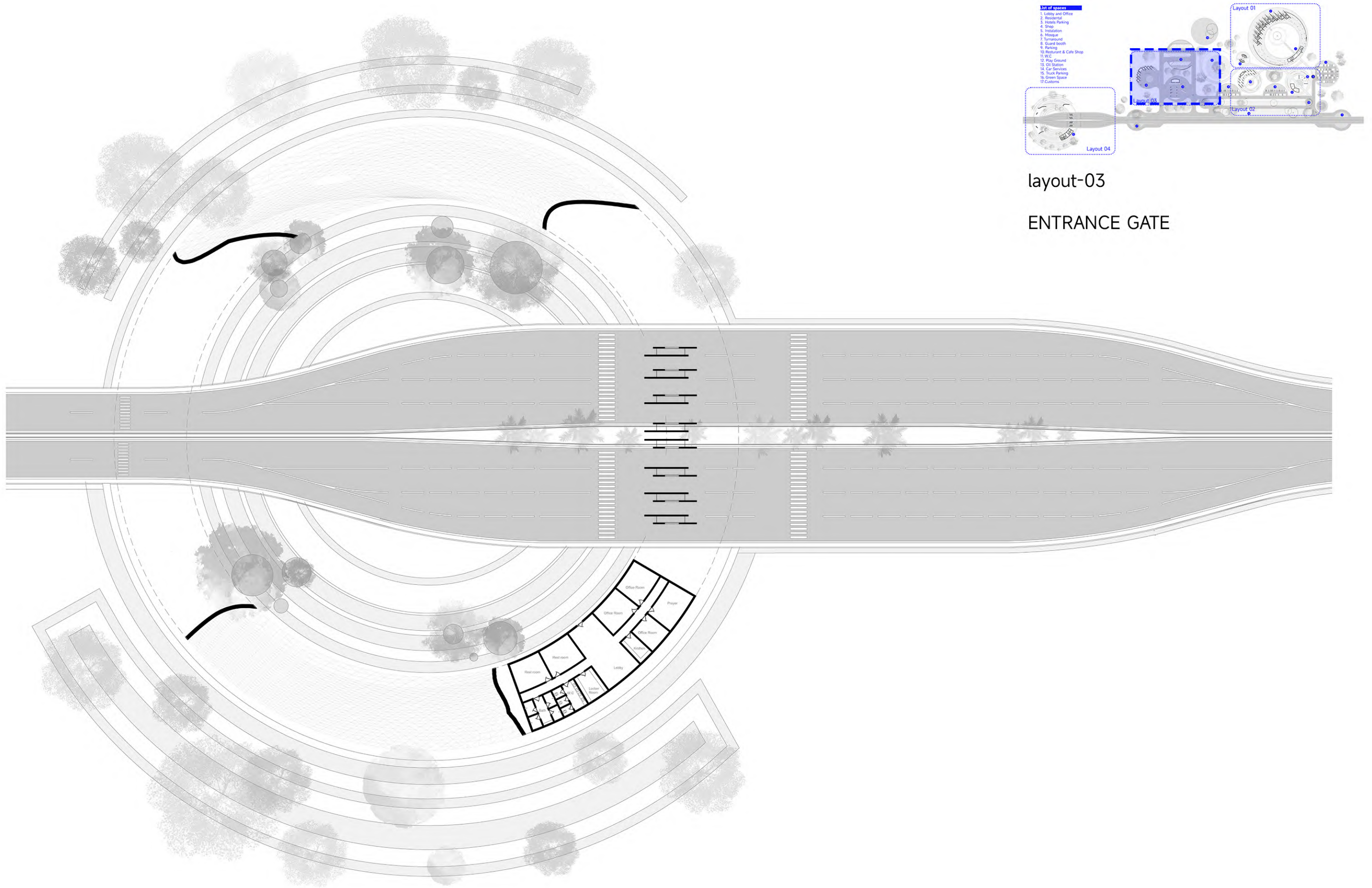
AMBIENT STREET LIGHTING

Street lights are related to ambient and general area lighting that requires uniform control and visibility of traffic.



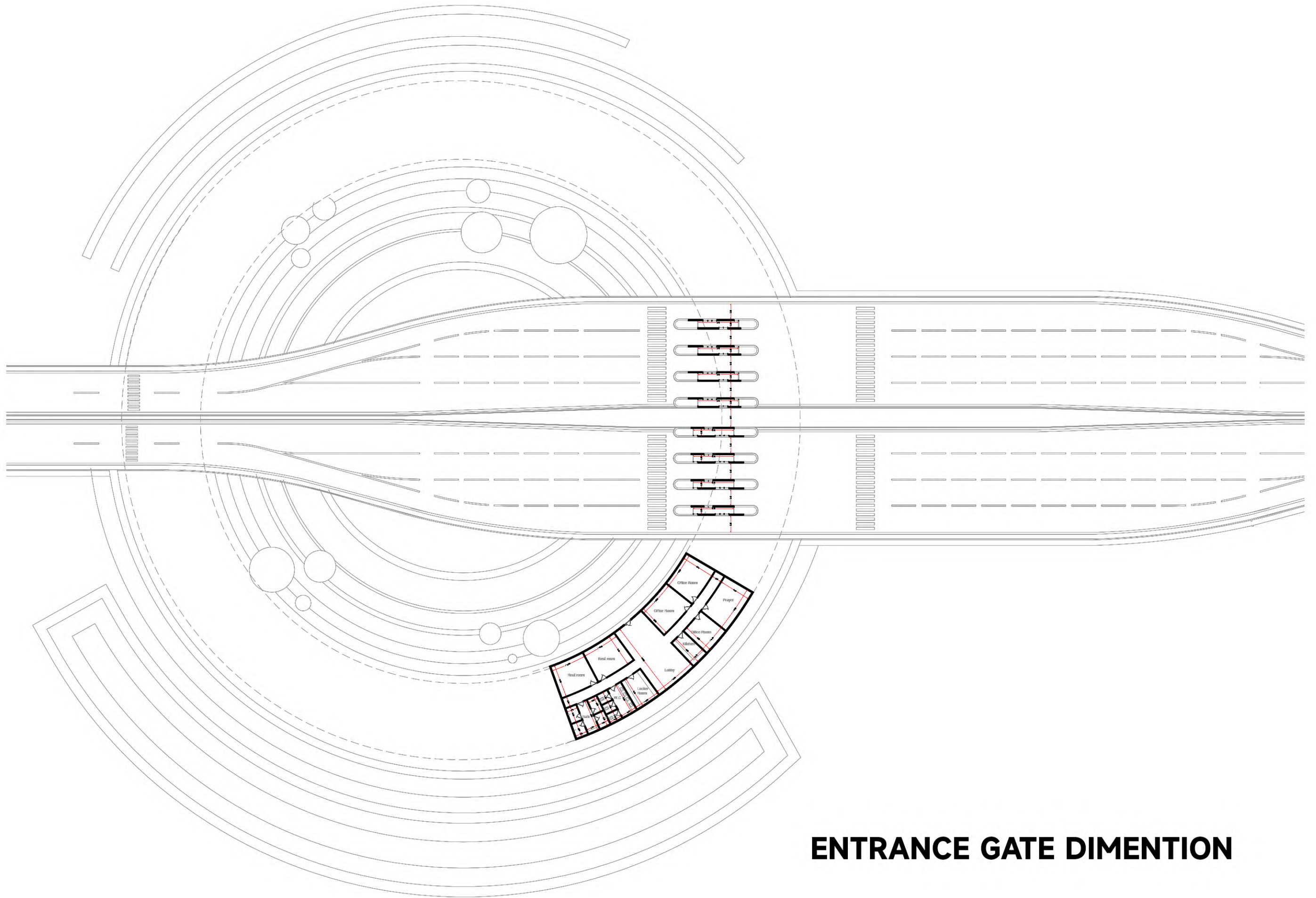


2 D D O C U M E N T S



layout-03

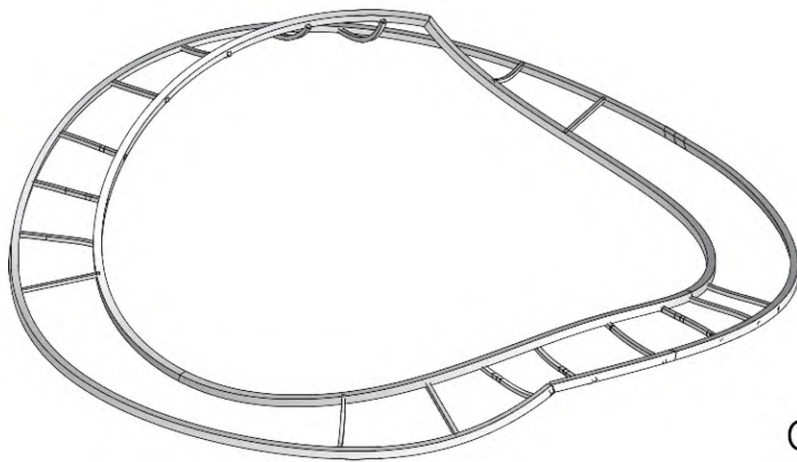
ENTRANCE GATE



ENTRANCE GATE DIMENTION

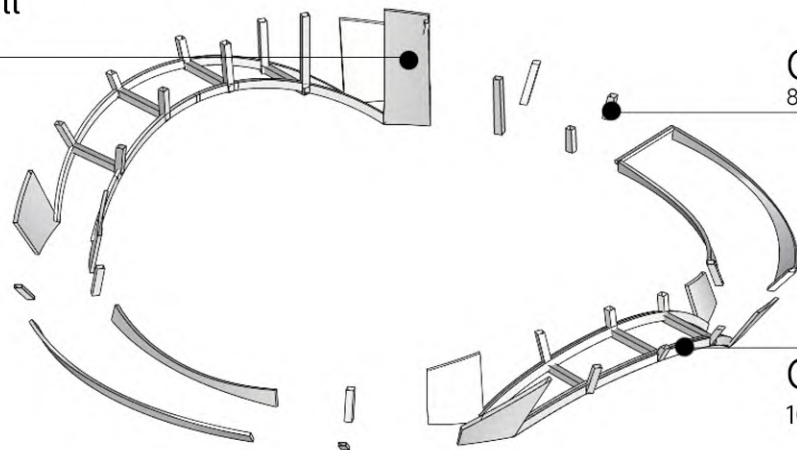


Concrete shell
Final Surface



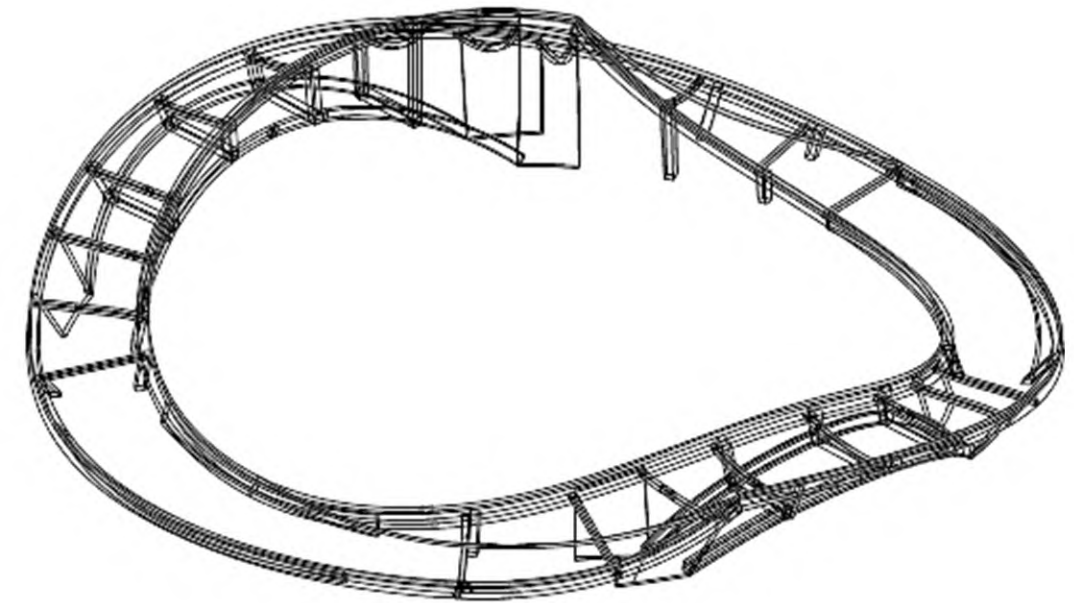
Concrete beam
100*120 cm

Lateral force wall
50 cm



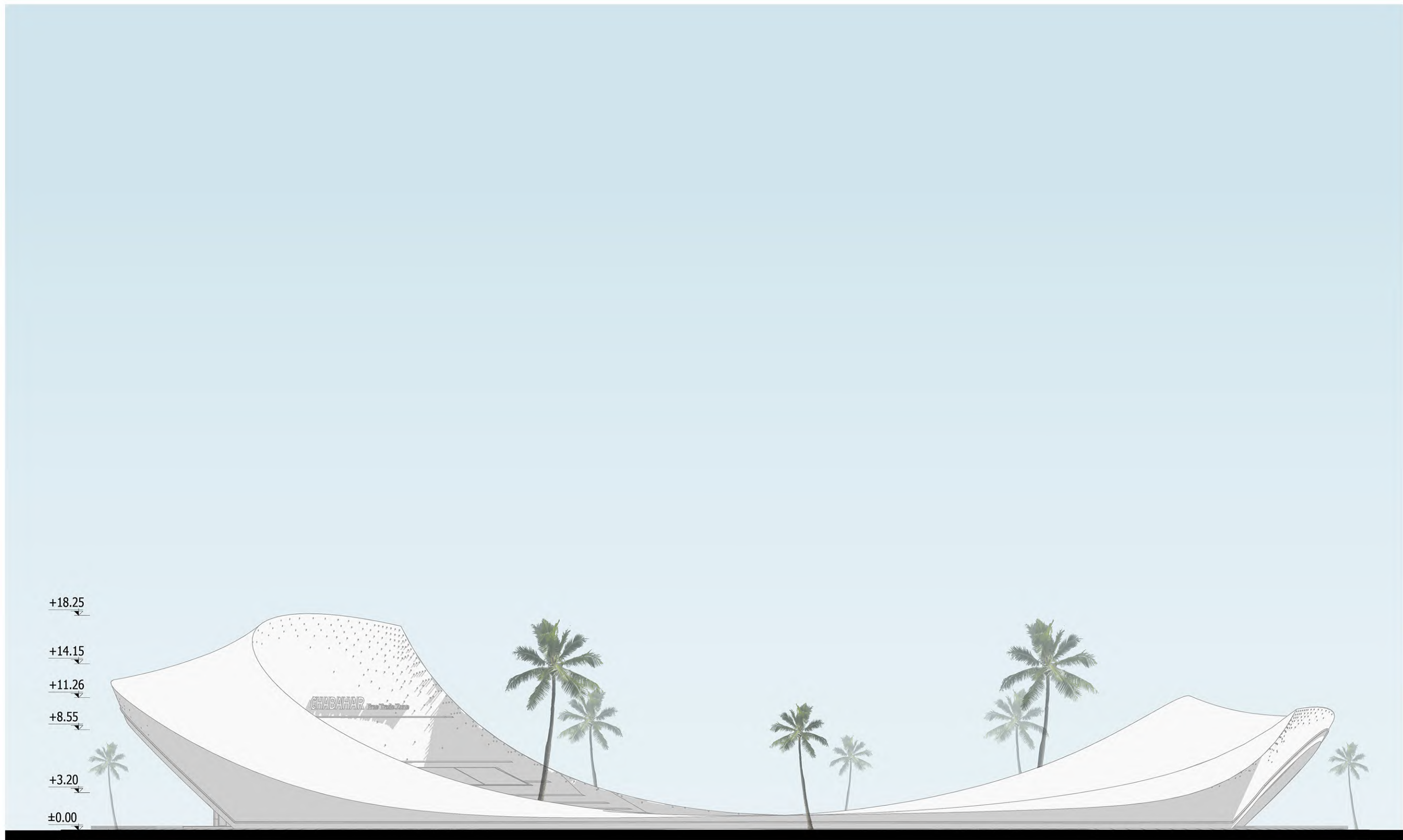
Column
80*80 cm

Concrete beam
100*120 cm

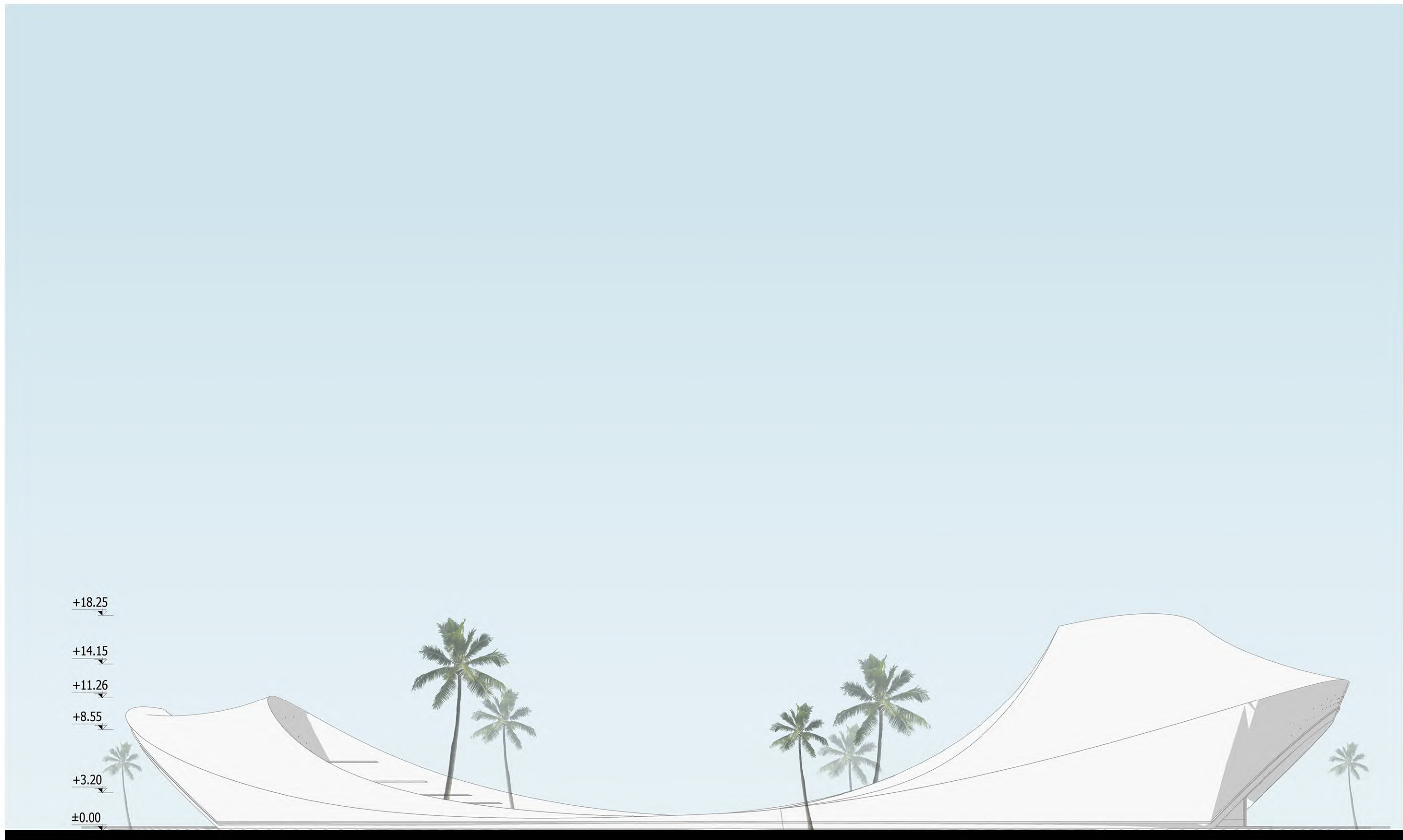


STRUCTURE PROPOSAL

Depending on the humidity and the desired form, a concrete shell mounted on structure is desired.



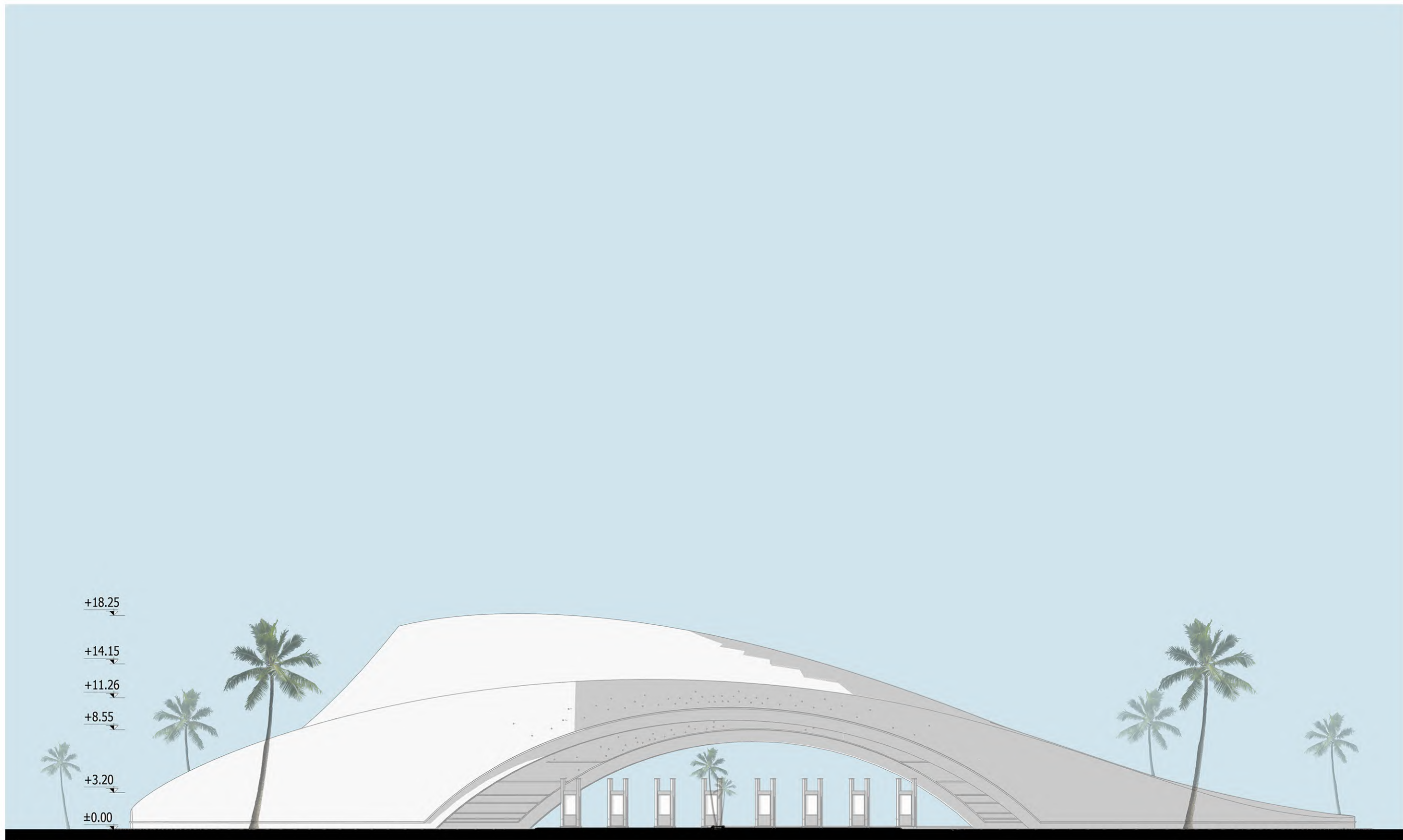
EAST ELV



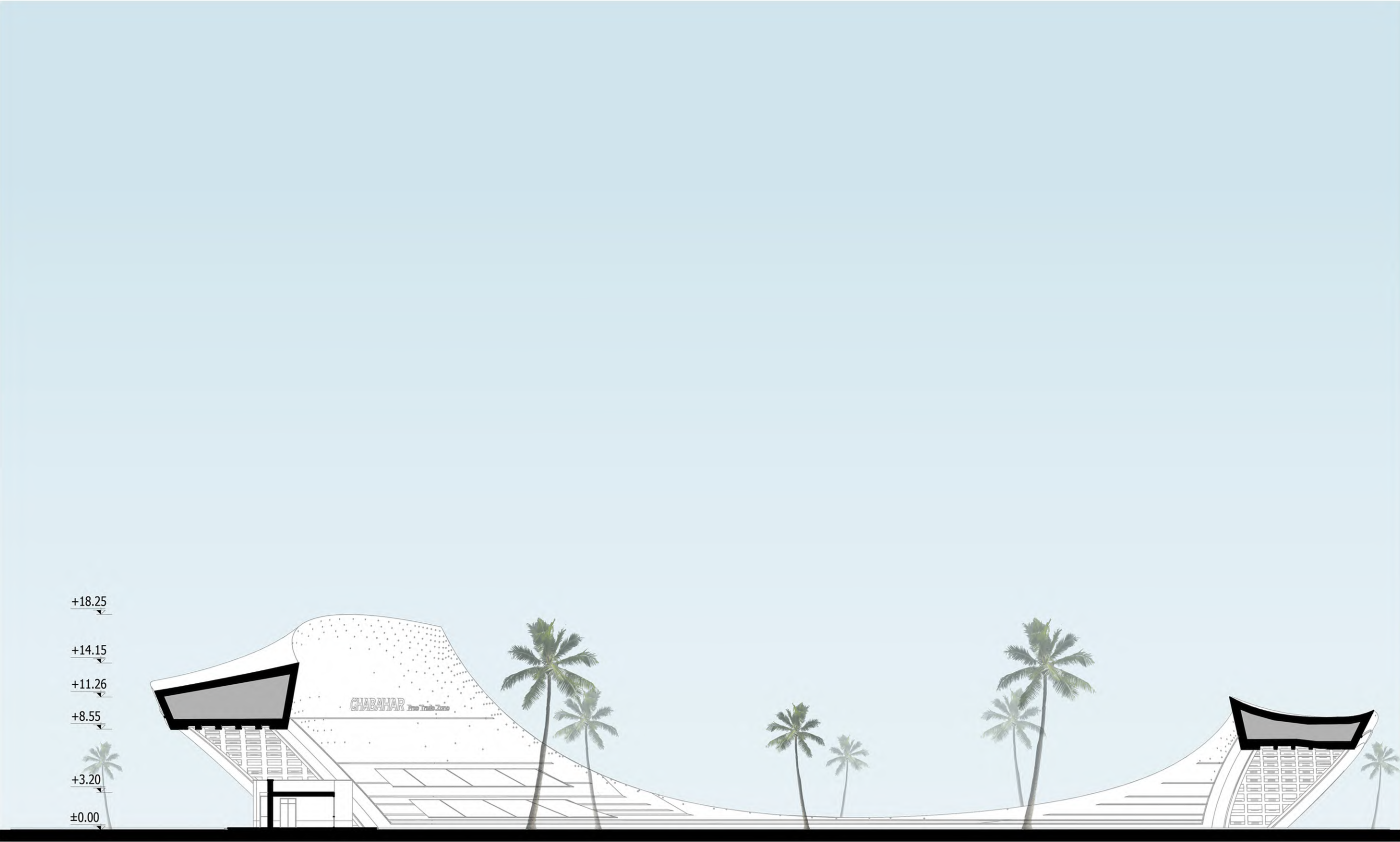
WEST ELV



NORTH ELV



SOUTH ELV



SECTION

نمازخانه	Prayer	228 m ²
فروشگاه	Shop	234 m ²
رستوران و کافه	Resturant and Cafe Shop	500 m ²
سرویس بهداشتی	W.C	125 m ²
اقامتی	Residential	1900 m ²
خوابگاه پرسنل	Dormitory	120 m ²
اداری	Office	100 m ²
خوابگاه پرسنل	Dormitory	120 m ²
لابی و اداری	Lobby and Administrative	400 m ²
خدمات خودرویی	Car Services	500 m ²
پارکینگ خودروهای سنگین	Truck Parking	3400 m ²
پارکینگ خودروهای سبک	Parking	1700 m ²
پارکینگ اداری و اقامتی	Staff and Residential Parking	1700 m ²
	Customs	400 m ²
فضای بازی	Play Ground	2800 m ²

An aerial photograph of a desert landscape featuring a multi-lane highway that curves into a circular interchange. The interchange has a central island with palm trees and a building. The highway continues straight through the desert, with a few vehicles visible. The text "THANKS FOR YOUR ATTENTION" is overlaid in large, white, sans-serif capital letters across the upper portion of the image.

THANKS FOR YOUR ATTENTION

CHABAHAR FREE TRADE ZONE ENTRANCE GATE

2025