

# DESIGN STUDIO



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# PRES

# ENTATION

# AGENDA

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# OBJECTIVE

As part of our project exploration, we- Anusha, Mannat, Gursheen, Aradhana, and Latisha went to Bandra Fort and BKC on September 23. We learned a lot of new things about these locations, took note of their distinctive features, and learned a lot about how they have changed over time. In addition to deepening our comprehension, the experience enabled us to relate what we had learned in theory to actual environments.



## Our Locations

### 01. **BANDRA FORT :**

Bandra Fort, also called Castella de Aguada, is a 17th-century Portuguese structure built to guard the Arabian Sea coastline. Today, it stands as a heritage site that blends colonial history with its modern role as a cultural and recreational landmark overlooking the Bandra-Worli Sea Link.

### 02. **BANDRA-KURLA-COMPLEX**

Bandra Kurla Complex (BKC) is a planned commercial hub developed to decongest South Mumbai and create a modern business district. Today, it represents Mumbai's growth as a global city, blending corporate spaces, cultural centers, and public infrastructure within a highly organized urban layout.

# BANDRA FORT

## Design Problems

01

### WASTE MANAGEMENT



#### WASTE MANAGEMENT

Loads of garbage dumped near residential areas. Leads to numerous diseases.

#### HARMFUL FOR KIDS



Most of this trash gets dumped into the ocean, making it dirty as well.



A proper Waste Management system should be introduced. Workers should be hired by the government to take the trash out regularly.

W A S T E M A N A G E M E N T

# BANDRA FORT *Design Problems*

02

## CIVIC SENSE



### CIVIC SENSE

People do not understand the impact the garbage and plastics plays on the Earth. As a part of their daily life, they continue throwing litter along the way. They have been accustomed to living in filth.

### NGO- TALKS



Education should be spread in areas like these.

Kids should be taught to dispose their waste off correctly. More awareness should be spread.



c i v i c s e n s e



#### SAFETY

As we discovered more, we walked down a street, that had an immediate steep fall in the ocean. It was covered with rocks, and there was no source of safety. If someone slipped and fell in undesired circumstances, they would be seriously hurt.

#### RAILINGS



Railings should be established on this street to prevent mishaps.



Warning signages should be put up, to ensure people read it and be conscious while walking down the street.



Since this was a residential area behind the Fort, there were a lot of kids playing around. If a kid slips down while playing, the damage done to the child would be extremely serious. Hence railings should be established.

# MORE TO IT



ADDITIONAL PAGES

## Animal Shelter

### Chicken

We saw a lot of chicken walking around in the garbage. This made us understand that chicken rearing took place in that place. Proper shelters, that provide a healthy, nourishing, and a clean space should be established for the chicken.

## Signages

### *Around the Fort*

As we observed the fort, we noticed that there were no signages that described the significance of a particular area in the fort. As we had done our research earlier, it wasn't a challenge for us. However, for tourists who have never heard of the Fort, it is pretty confusing as no one understands the significance of an area of the fort. Thus signages, that describe a bit about the history and the significance of a door/window/etc. should be placed around the fort.

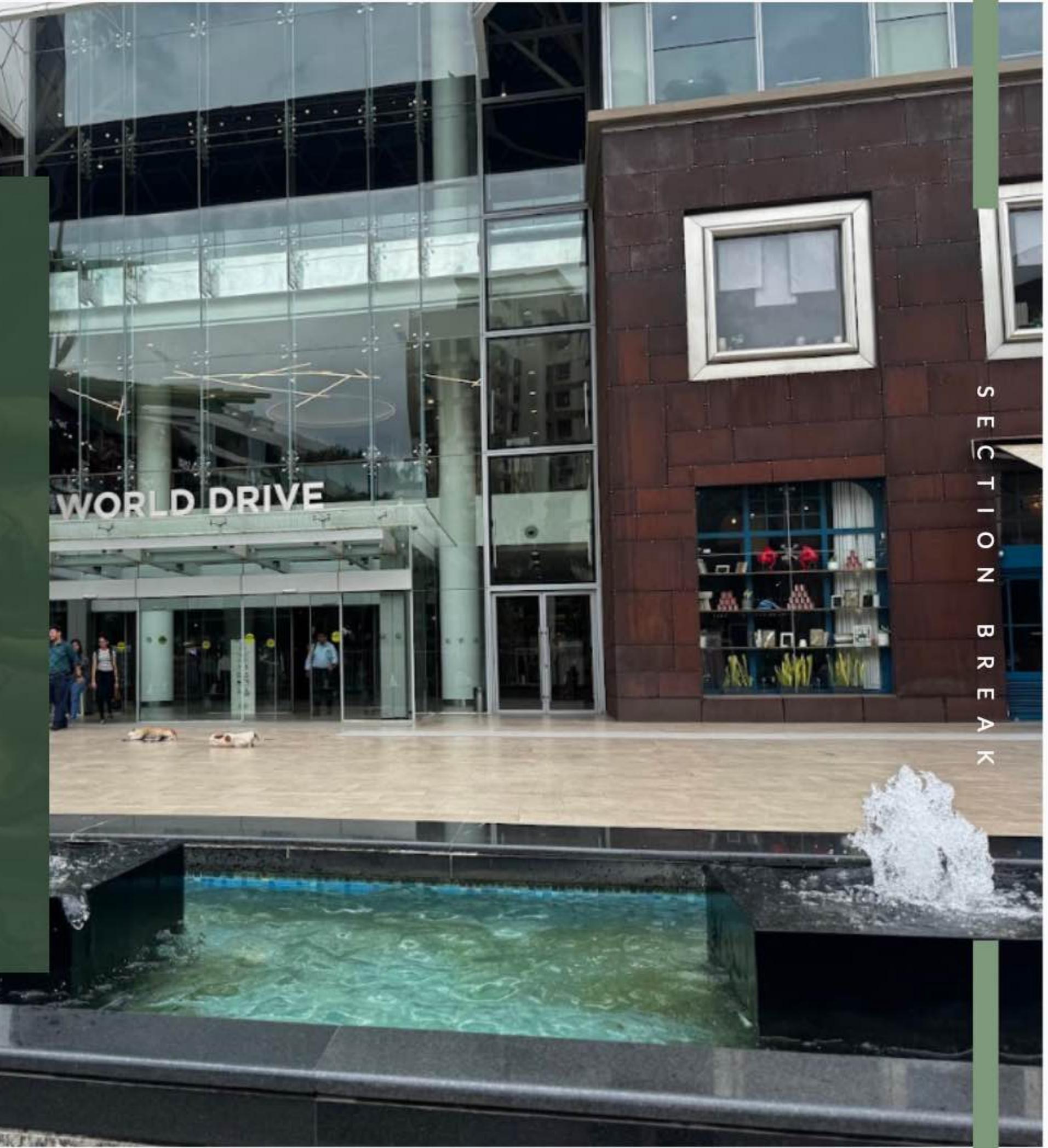
## Accessibility

### *And Communication*

On google, the timings of the fort were mentioned as '10 a.m- 8 p.m' However, as per the watchman, the timings were '8 a.m to 12 noon' and reopens at 4 p.m. This causes a lot of inconvenience to people travelling from far places. Up to date updates should be kept on google.



# SECTION BREAK



# BANDRA-KURLA COMPLEX

## Design Problems

### NO PARKING

#### *Signages*

As we made our way to BKC, we noticed that there were a lot of cars parked in the 'NO PARKING' Sector. A solution can be deploying traffic police daily, to avoid congested roads.

### P1-P2

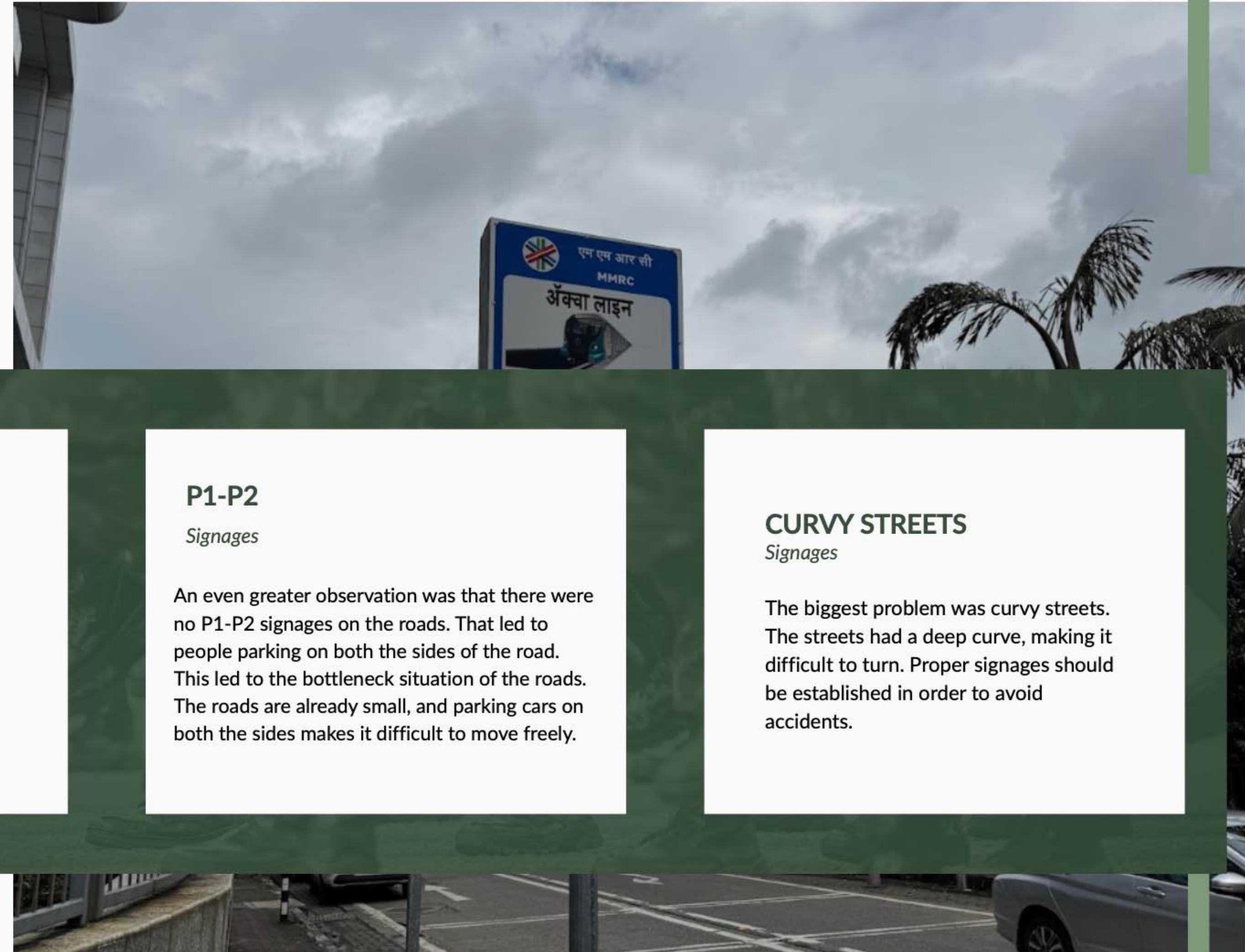
#### *Signages*

An even greater observation was that there were no P1-P2 signages on the roads. That led to people parking on both the sides of the road. This led to the bottleneck situation of the roads. The roads are already small, and parking cars on both the sides makes it difficult to move freely.

### CURVY STREETS

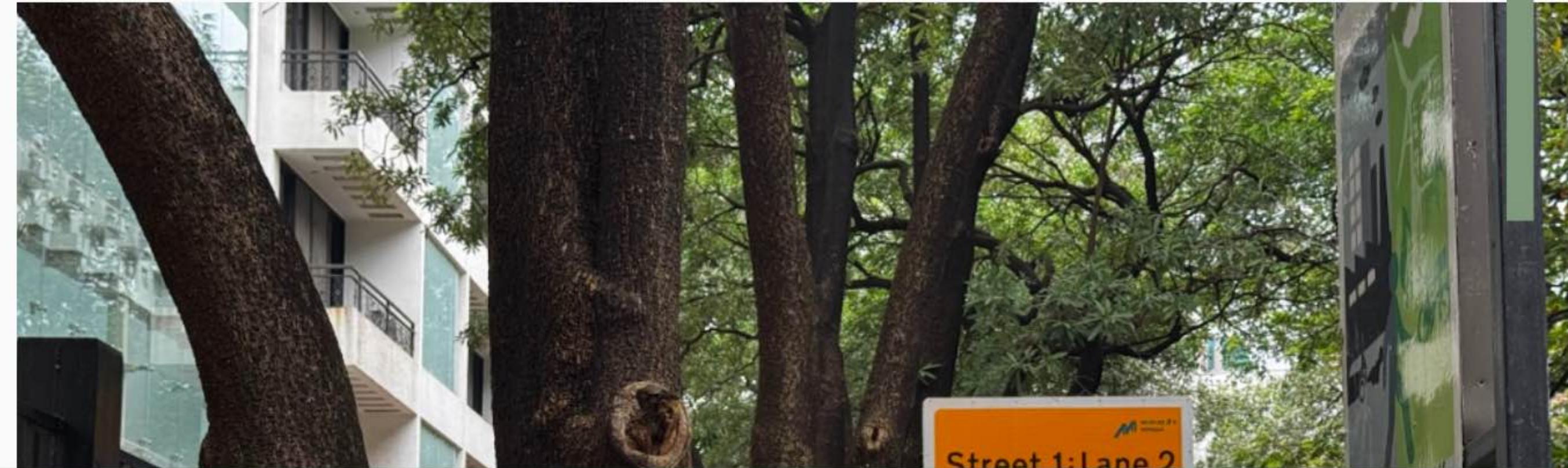
#### *Signages*

The biggest problem was curvy streets. The streets had a deep curve, making it difficult to turn. Proper signages should be established in order to avoid accidents.



# BANDRA-KURLA COMPLEX

## Design Problems



### SPEEDBREAKERS

*Accident Avoidal System*

One of the most serious observations included the lack of speed breakers. Speed breakers help in reducing the speed of vehicles during critical situations like failure of brakes. Establishing a good speed breaking system helps in avoiding unnecessary accidents due to speed.

### COMMUNICATION

*People aren't responsive*

Being a commercial area, people were not responsive, and did not let us interview them. Being new to the area, we had a few questions, however, people like watchmen weren't able to answer basic questions regarding the area.

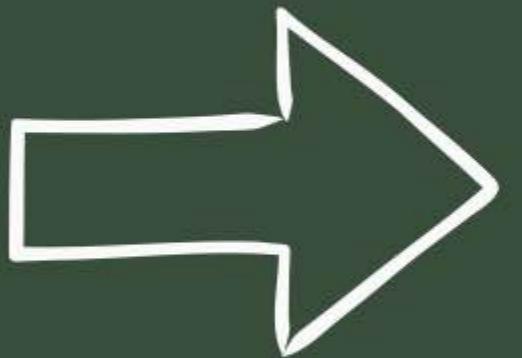
### HEAT ISLAND EFFECT

*Dominance of glass-and-concrete structures*

BKC's glass and concrete structures create a heat island effect, raising local temperatures. Limited greenery and shade make outdoor areas uncomfortable. Adding trees and shaded walkways could improve comfort and sustainability.

# FINALISED DESIGN PROBLEMS

- **SIGNAGES**



**BANDRA FORT**

# DESIGN SOLUTIONS

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- Interactive Heritage Signage Panels
- Concept: Install elegant, weather-resistant panels near key structures (like doors, windows, arches) that include text + visuals + QR codes for deeper stories.
- Layered Story Signage
- Concept: Create multi-layered signboards – the top layer briefly describes what the visitor sees (“This door once led to the soldiers’ barracks”), and when you flip or slide it, you get a deeper story or image of what it looked like in the past.

## Story Stones or Engraved Plaques

- Concept: Place stone-like plaques beside architectural elements, engraved or etched with short poetic lines or micro-stories instead of plain information.
- Why it works: Blends naturally with the fort, no visual pollution, and feels artistic.
- Prototype idea: Use textured clay or thermocol painted to look like stone, carve or write your content with markers or carving tools.
- interactive panel : qr code
- packaging ideas
- cards to give tourists
- souvenirs : keychains/etc



**THANK YOU.**