

### **HYBRID HOME**

BUOYANT DELICACY- explores the concept of growing with sensitivity. This eclectic minimal house encoperates biophillic design principles along with an aim of providing a sensory experience. The pandemic's impact on our lives have made us rethink about the spaces we live in making us more aware and focused on being true to ourselves and what feels good. So given the client's needs the house has been designed for every member to have their own space to flourish as well as spaces to include their extended family and friends. . It also aims at promoting community gatherings and social meetings by having terrace gardens at various levels in the building as well as in the house itself.





# SITE

**Location:** Mira-Bhayandar, Mumbai, Maharashtra

**Site area:** 10,000 sq.m

**Built-up area:** 27,280 sq.m

**Type of neighbourhood:** Residential (Suburban)

Mira-Bhayandar is a city and municipal corporation in Thane district in the state of Maharashtra, India located in the northern part of Salsette Island, and shares a border with North Mumbai. Mira-Bhayandar is administered by Mira-Bhayandar Municipal Corporation (MBMC), with a population at the 2011 Census of 814,655, (68.96 % Hindu and 16.28 % Muslim) having an area of 79.4 sq kms.

## ENVIRONMENT:

Mira Road East is a predominantly residential area. Its calm, quiet surroundings and low pollution make it a desirable residential oasis. Recent population growth and a flurry of construction has blurred the boundaries between Bhayandar and neighbouring Mira Road on the East side of the rail tracks, turning it into a populous suburb.

## ECONOMIC GROWTH:

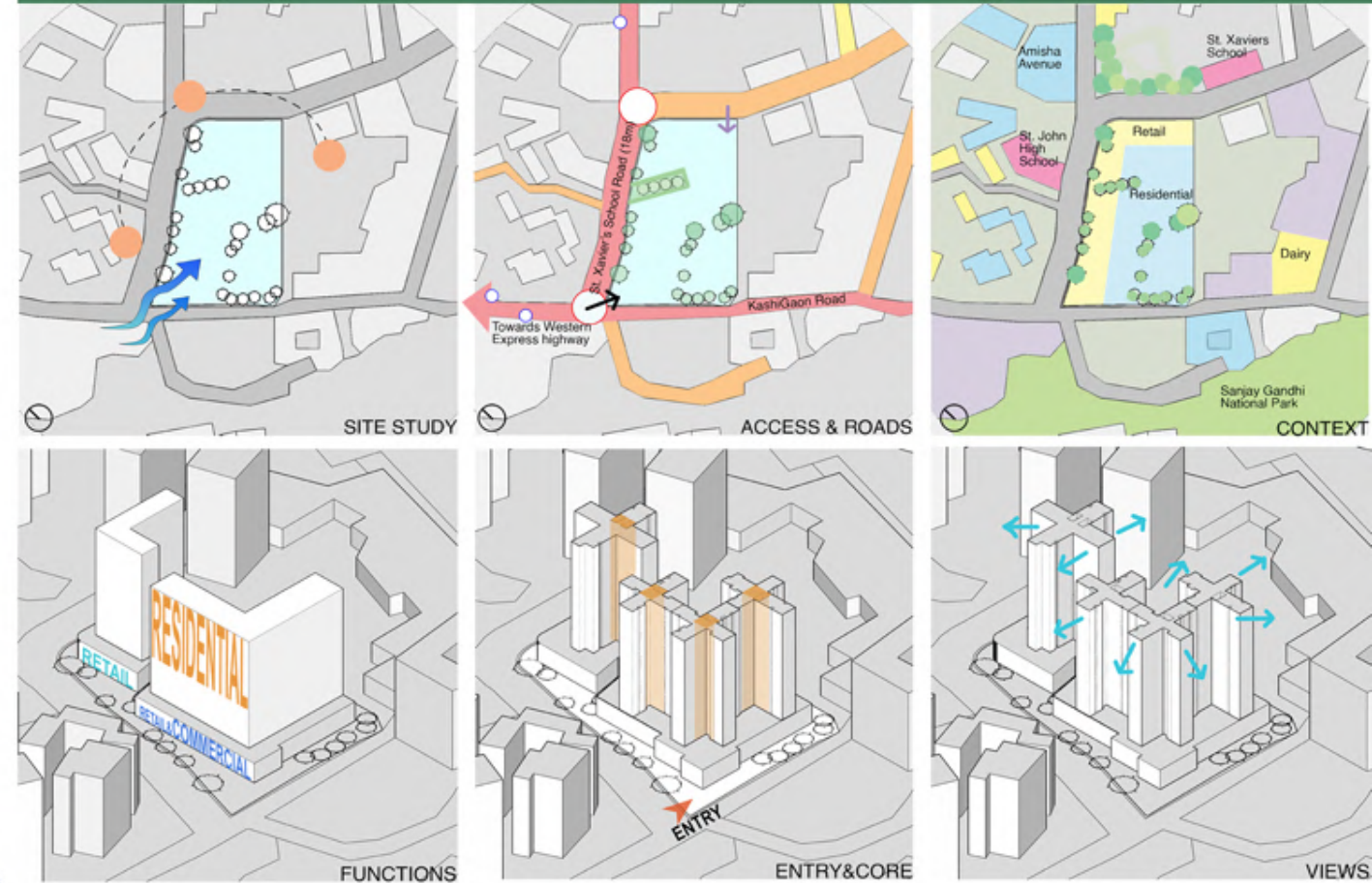
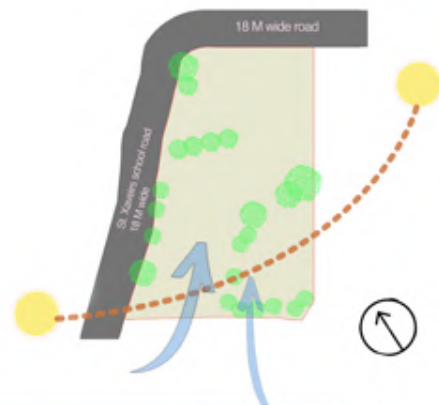
It has a density of 10,000/sq kms (27,000/sq miles) making it one of the fastest growing cities. Real estate sector of this region has gone through tremendous growth due to good connectivity with Mumbai city, Thane & Navi Mumbai. This region emerged as a new market for affordable housing segment (Mid income group) in recent time because of well-built social infrastructure, new upcoming infrastructure project.

## CONNECTIVITY:

Mira Road provides excellent connectivity to Mira Bhayander as well as various other parts of MMR. The part of Western Express Highway (WEH) is passing through this region as well as Ghodbandar Road in the East. Because of these two advantages, it is possible to connect western suburbs with the eastern suburbs i.e. Thane and Navi Mumbai.



■ Housing    ■ Education    ■ Green Zone  
■ Dwellings    ■ Industrial    ■ General stores



## CONNECTIVITY:

By Road:

ST.Xavier's Road(N.E)

Kashigaon Road(N.W)

By Railway: Mira Road Railway Station(9.5km)

Nearest Bus Stop: Manali Village

## CONTEXT:

North: ST.Xavier's School

South-East: Sanjay Gandhi National park

East: Building materials store & Dairy

West: Residential Society- Seema Apts. CHS

## CLIMATE:

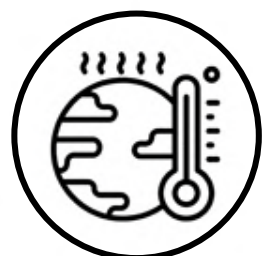
Average Annual Temperature: 26.4 deg.avg

Hottest Month: May-30 deg.avg.

Coollest Month: Jan-24 deg.avg

Annual Precipitation:1288.2mm (peryear)

Winds: From South West direction





ABOUT THE COMPLEX:

The complex is a high rise mixed use development situated in Mira-Bhayandar. Vertically mixed used developments is a system of decentralization of amenities. It has various boons such as activation of street edge through ground floor retail and commercial that has Upper story residential for improved privacy, access to views, adequate light and ventilation with increased demand of local needs and easy access to local employment opportunities. Mixed use high-rise building is a more unified mixed and architectural solution, with certain different paradigm rather than earmarking separate buildings for different land uses, to configure spaces which improve the social and visual collaboration and decrease disengagement.

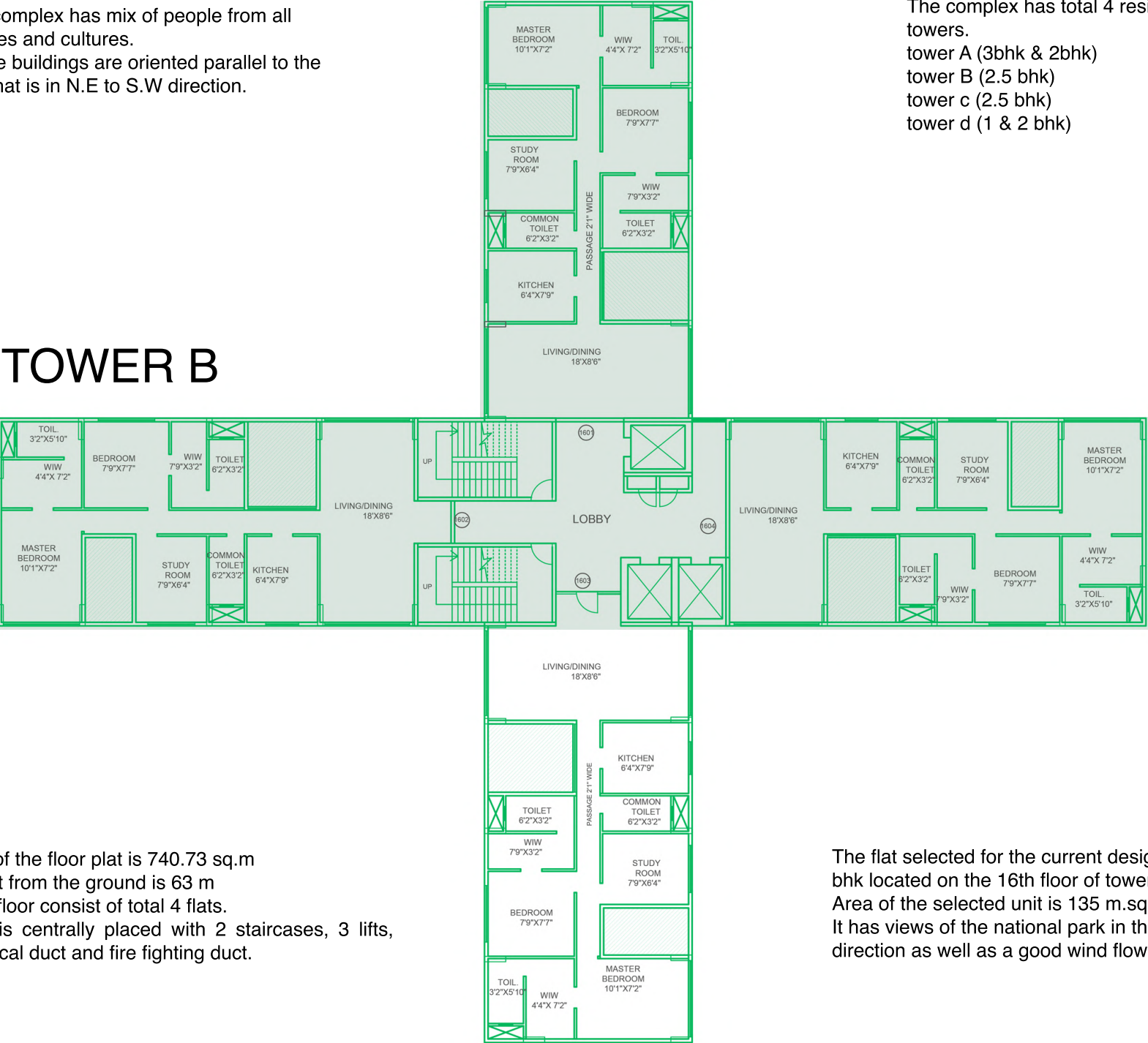
The complex has mix of people from all classes and cultures.  
All the buildings are oriented parallel to the site that is in N.E to S.W direction.

AREA DISTRIBUTION



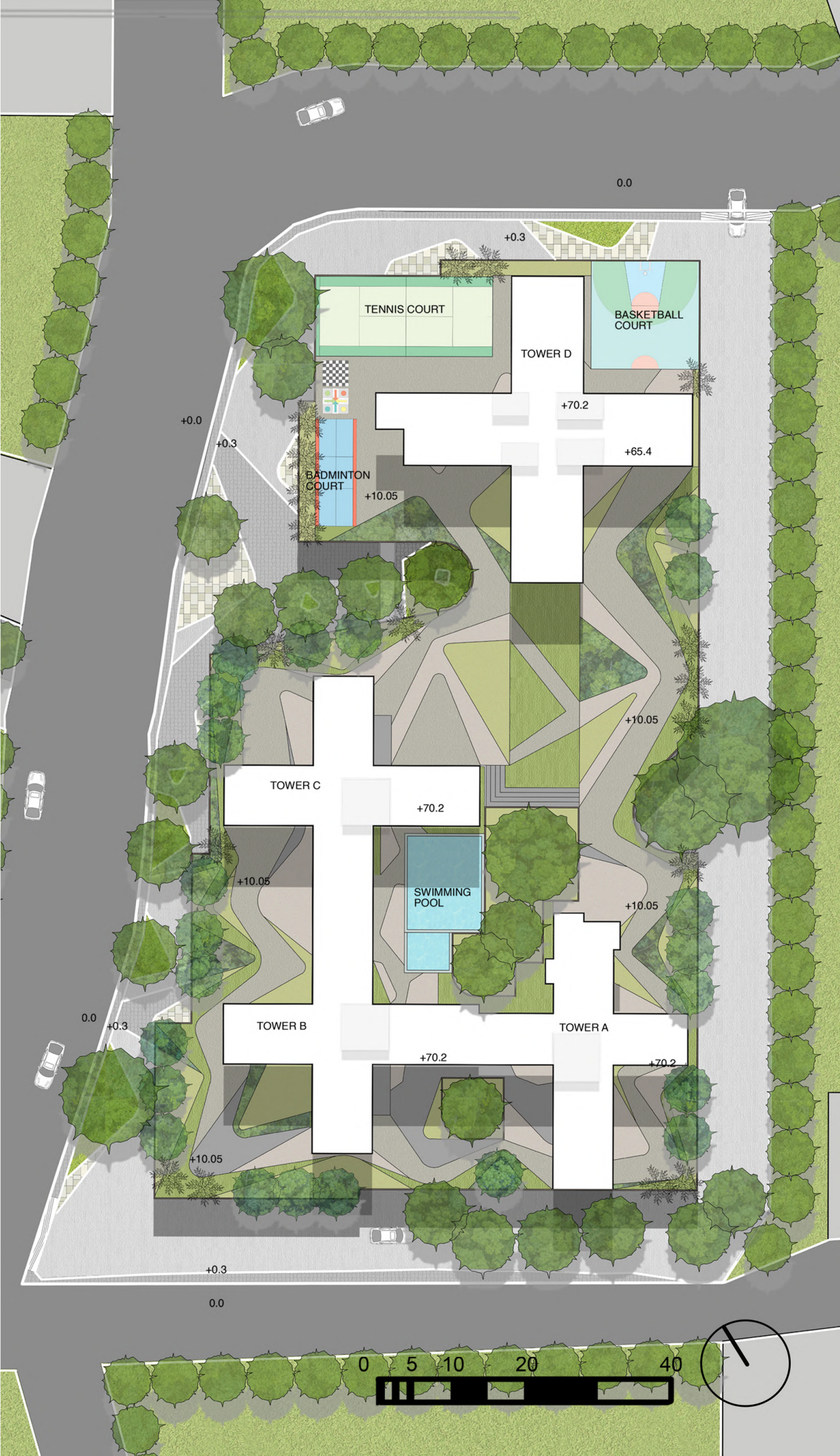
The complex has total 4 residential towers.  
tower A (3bhk & 2bhk)  
tower B (2.5 bhk)  
tower c (2.5 bhk)  
tower d (1 & 2 bhk)

TOWER B



Area of the floor plat is 740.73 sq.m  
Height from the ground is 63 m  
Each floor consist of total 4 flats.  
Core is centrally placed with 2 staircases, 3 lifts, electrical duct and fire fighting duct.

The flat selected for the current design is a 2.5 bhk located on the 16th floor of tower b.  
Area of the selected unit is 135 m.sq  
It has views of the national park in the S.W direction as well as a good wind flow.





# BUOYANT DELICACY

*Growing with Sensitivity*

Earthy Tone

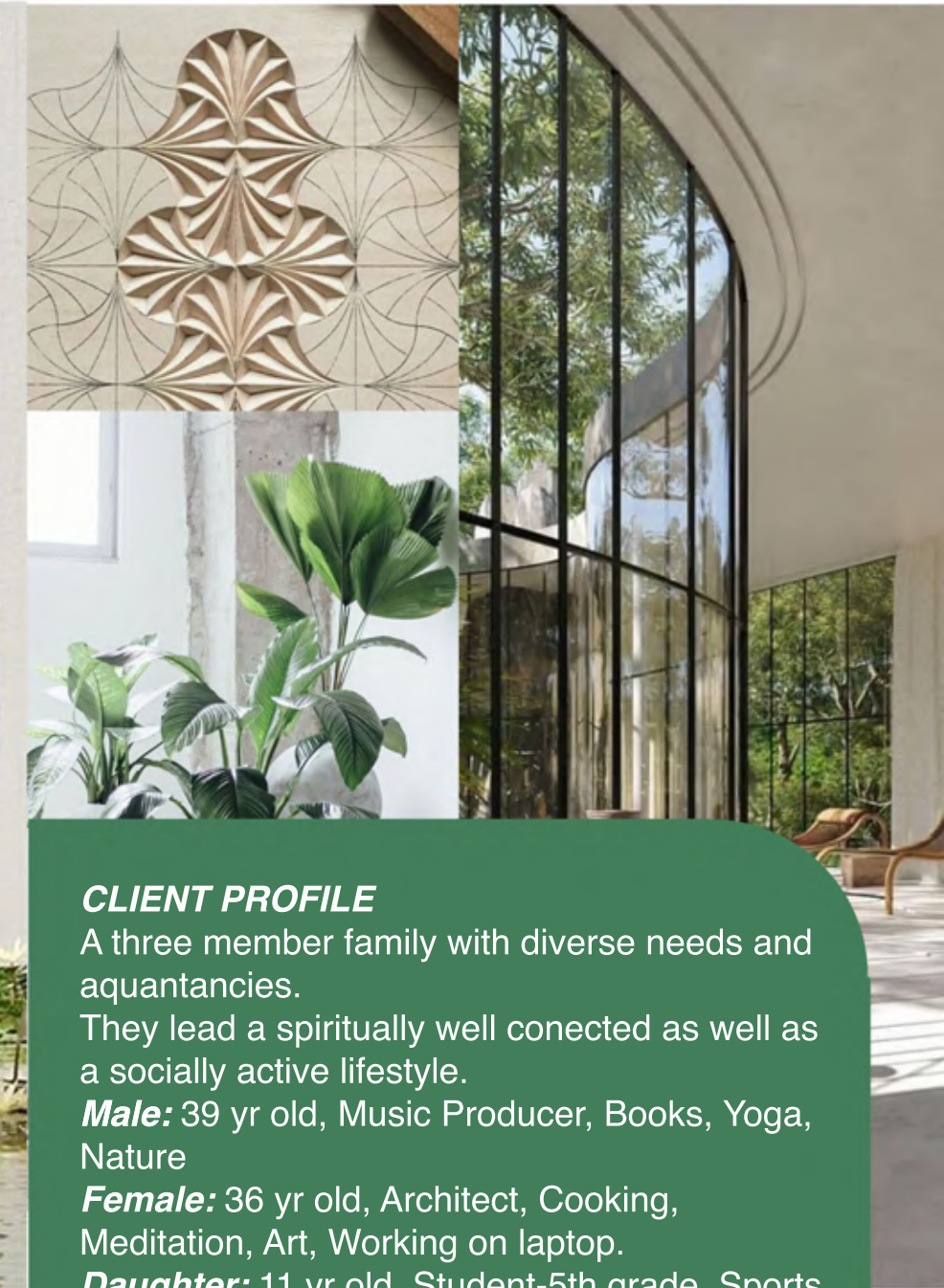


Plants



Curves

Electric Minimalistic



## CLIENT PROFILE

A three member family with diverse needs and aquantancies.

They lead a spiritually well conected as well as a socially active lifestyle.

**Male:** 39 yr old, Music Producer, Books, Yoga, Nature

**Female:** 36 yr old, Architect, Cooking, Meditation, Art, Working on laptop.

**Daughter:** 11 yr old, Student-5th grade, Sports, Study, Playing Dressup.

## INTENT:

To design an ergonomically efficient space for all users who have different tastes and neds with the demands of the new normal.

"BIOPHILLIC"-Love of Living. The human ned of heath & wel being is the driving force for creating sustainable, nature centric habitats.

Natural Light



**Layout / Flexible, Accessible, Multifunctional**

This project aims at offering flexible spaces with the use of room dividers & screen walls. Also giving this new normal the house is divided into noisy and quiet zones demarcating spaces for study, work, entertainment, cooking, relaxation, etc. making it a truly multifunctional space.

The living, kitchen & dining is merged together in an open layout while also distinguishing both using a room divider. Additional entrance foyer is also provided to maintain a sanitary division between indoors & outdoors.

**Furniture / Adaptable, Comfortable**

The design proposes diverse custom made curvilinear furniture pieces to give an overall refreshing and comfortable feel within the space.

The side tables and stools are to be used for sitting, resting legs, laptops, taking notes, etc. Various coloured furniture pieces are also used to bring a feel of tenderness to the space.

**Lighting / Adjustable, Warm**

Light is a fundamental element in a house, natural light being the most important. The layout offers ample amount of natural light to all rooms in the house with additional cross ventilation in the living room & kitchen. Discret & neutral blinds have been chosen to filter light during sunny days & regulate brightness & warmth.

Artificial lighting is also provided throughout the house. Cove lights are used in the living area & bedrooms to highlight the patterns on the walls. The study area as well as the dining have adjustable lamps designed to offer most adapted lighting conditions to any activity.

**Material / Sustainable, Easy to use**

This project is based on four primary materials which are porcelain for the floor, terazzo and no VOC paint for walls with timber & iron for most of the furniture. These materials are sustainable & are simple to maintain. Secondary materials which are velvet uphoistery, fluted glass, acoustic foam, & stone finised toiletries are reinterpreting primary materials using similar colour & style while having their own functionality. They bring warmth & charcter to the space.

**Environment / Biophilia, Green, Simple**

The aim was to create a fresh, simple yet ebullient environment using the concept of biophilia with assorted usage of plants keeping in mind the sensitivity which the users must experience.

**BIOPHILLIC ATTRIBUTES**

Environmental Features



Light & Space



Natural Patterns & Processes



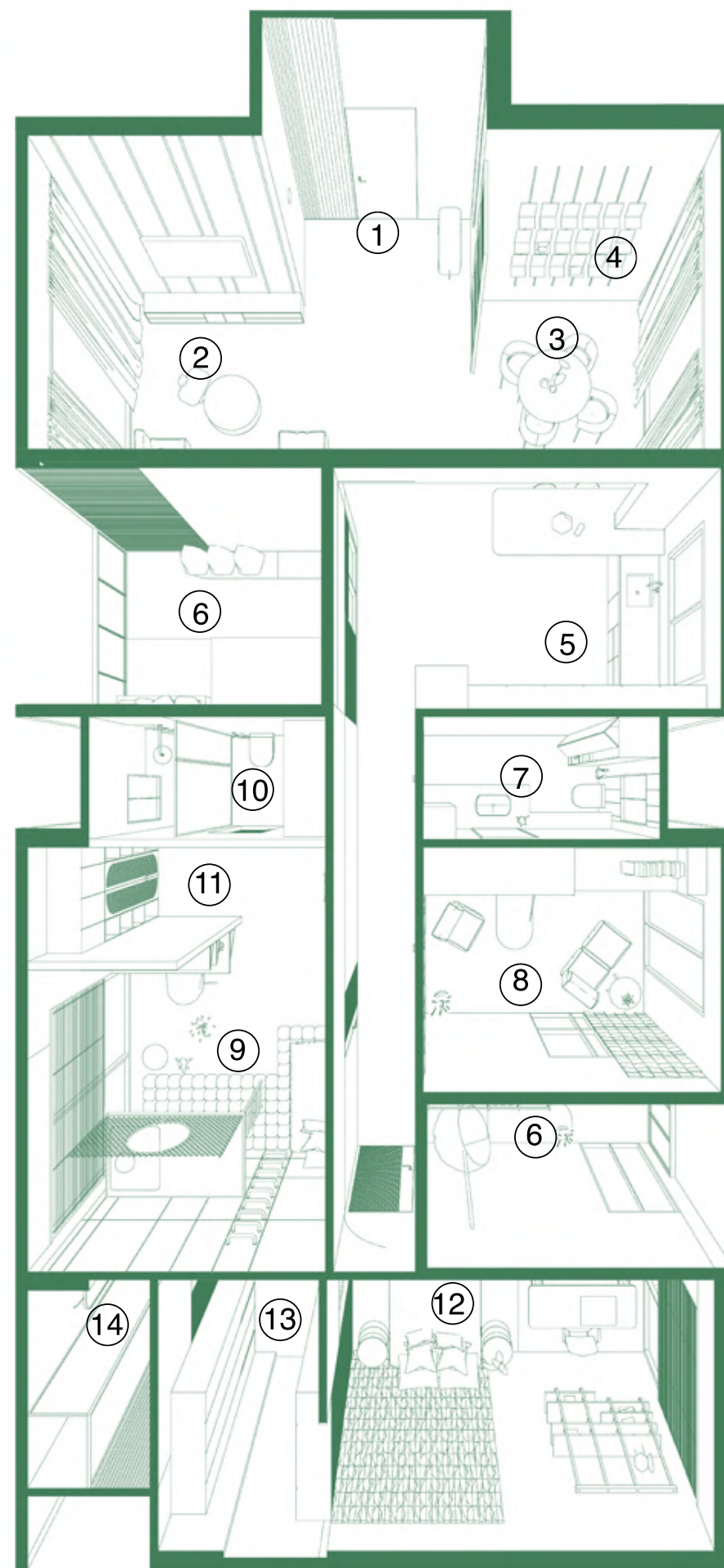
Natural Shapes & Forms



Place based Relationships



Evolved Human-Nature Relationships



1. ENTRANCE FOYER
2. LIVING ROOM
3. DINING
4. MEMORY WALL
5. KITCHEN
6. BALCONY
7. COMMON  
TOILET+LAUNDRY
8. STUDY ROOM
9. KID'S ROOM
10. KID'S TOILET
11. DRESSUP ROOM
12. MASTER BEDROOM
13. WALK IN WADROBE
14. TOILET



# LIVING-DINING



Jade Plant



Spider Plant



White Limestone



STUDY



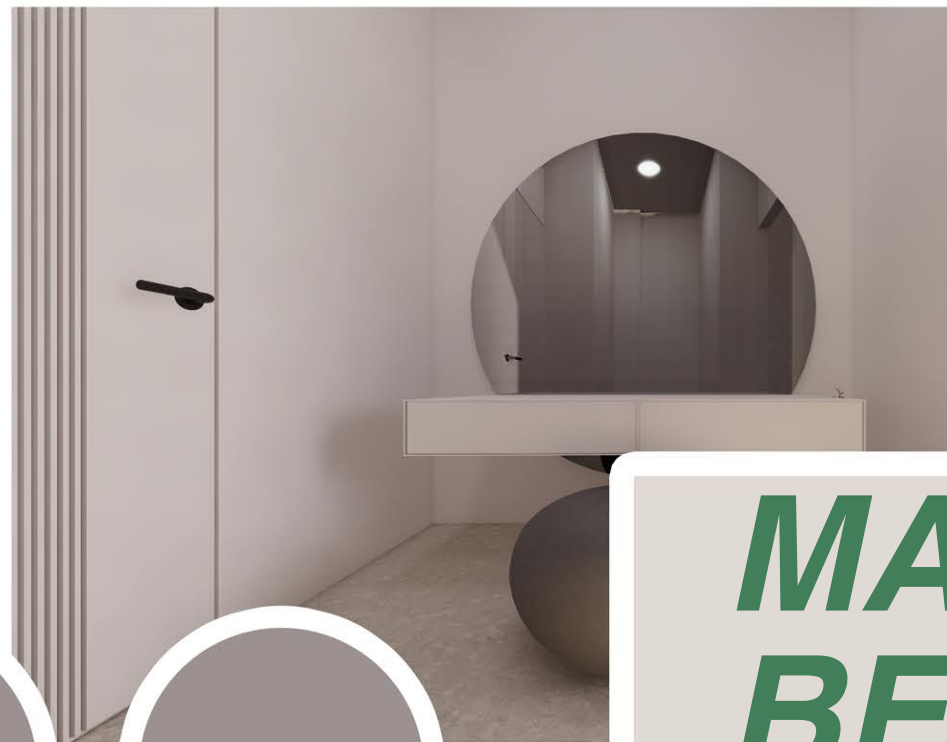
TOILET





# KIDS ROOM





# ***MASTER BEDROOM***

