

ABODE

"Home is where the heart is"



ABODE- "Home is where the heart is."

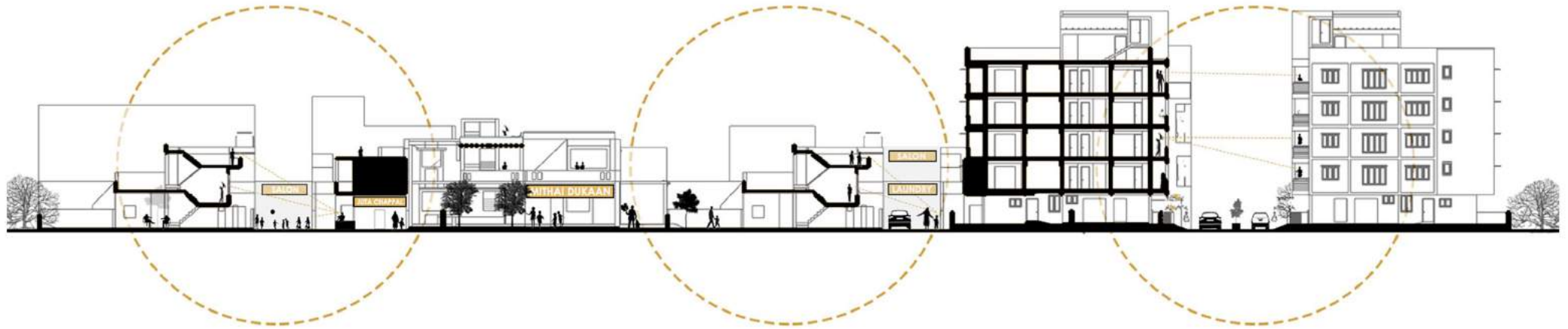
HYBRIDIZATION



Indian Housing typologies have welcomed the term hybridity way before modernization.

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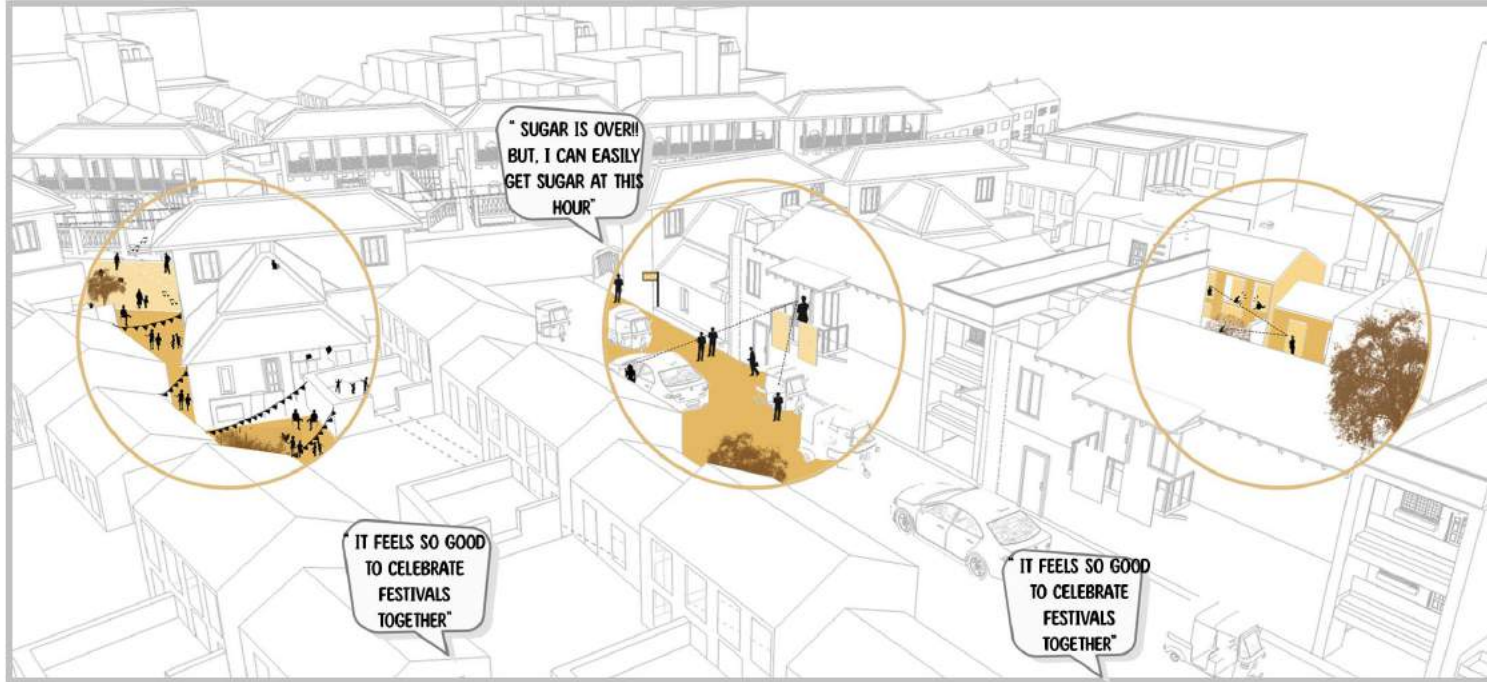
EVOLUTION OF INDIAN HOUSING TYPOLOGIES



Ill effect of modernization shows how we are caged like birds with lack of breathing space and the fading values of community and neighborhood.

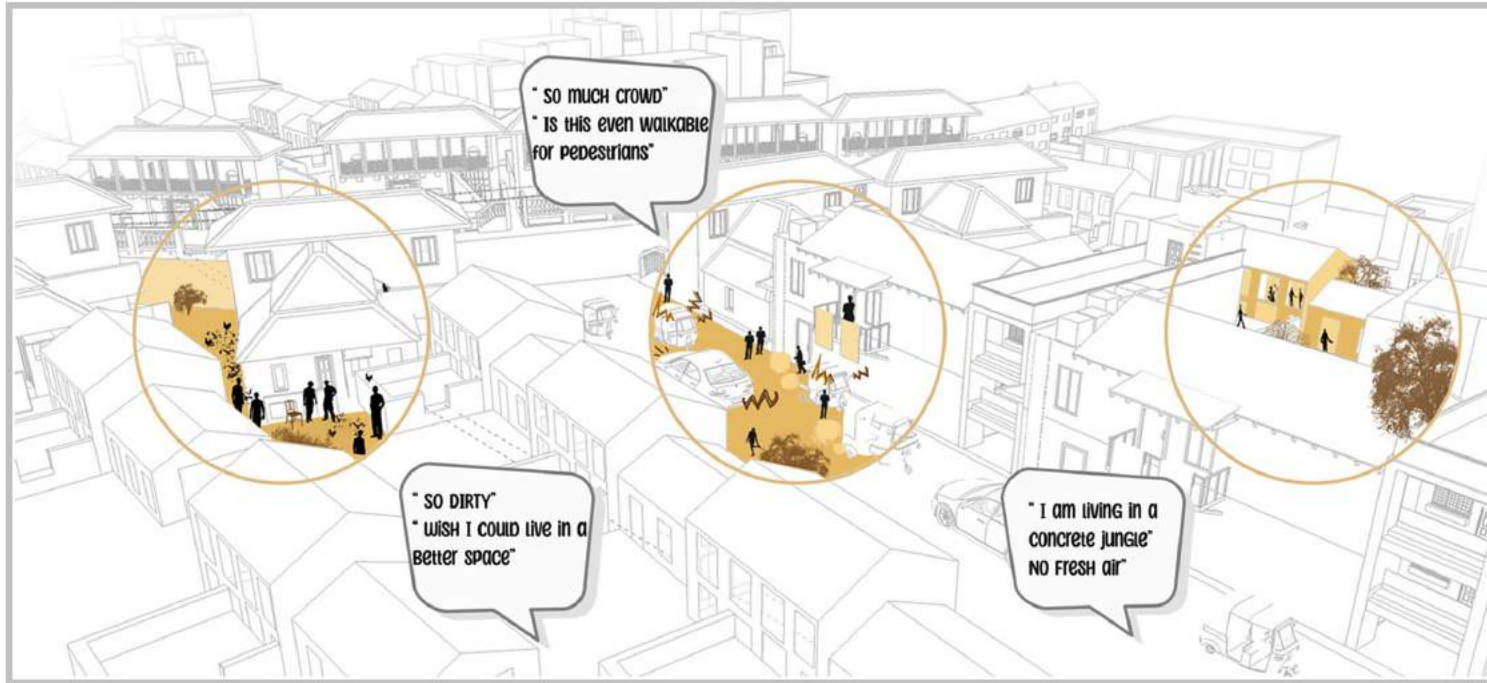
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BENEFITS



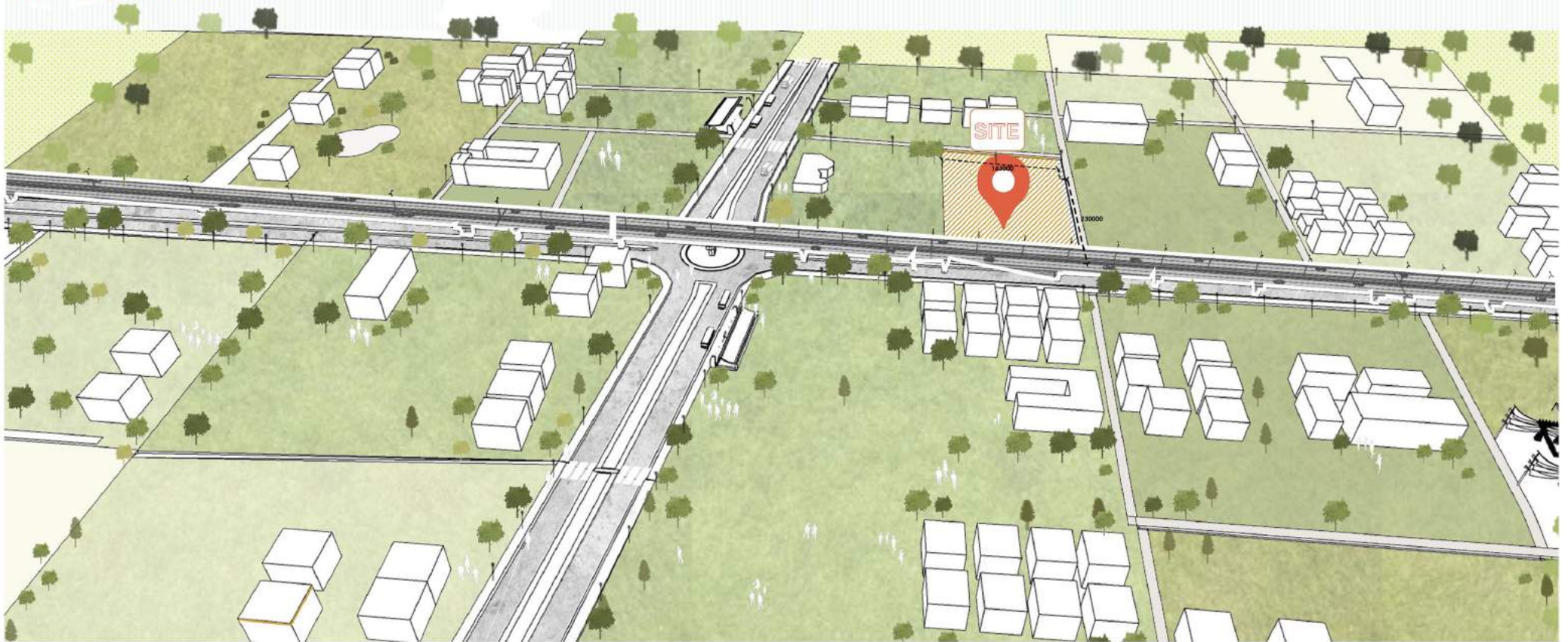
Indian housing clusters foster the feelings of cooperation ,interdependence and bind the people together ,thereby promoting a sense of community.

ABODE- "Home is where the heart is." DRAWBACKS



The unplanned settlements, congested roads and lack of proper maintenance and sanitation has promoted to the downfall of this type of housing typology.

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SITE CONTEXT



SITE

Co ordnates - $23^{\circ}08'12''N$ $72^{\circ}32'45''E$

Location - Near Vaishnodevi Temple Circle, Sardar patel Ring Rd, Charodi, Ahmedabad, Gujarat.

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SITE SELECTION CRITERIA

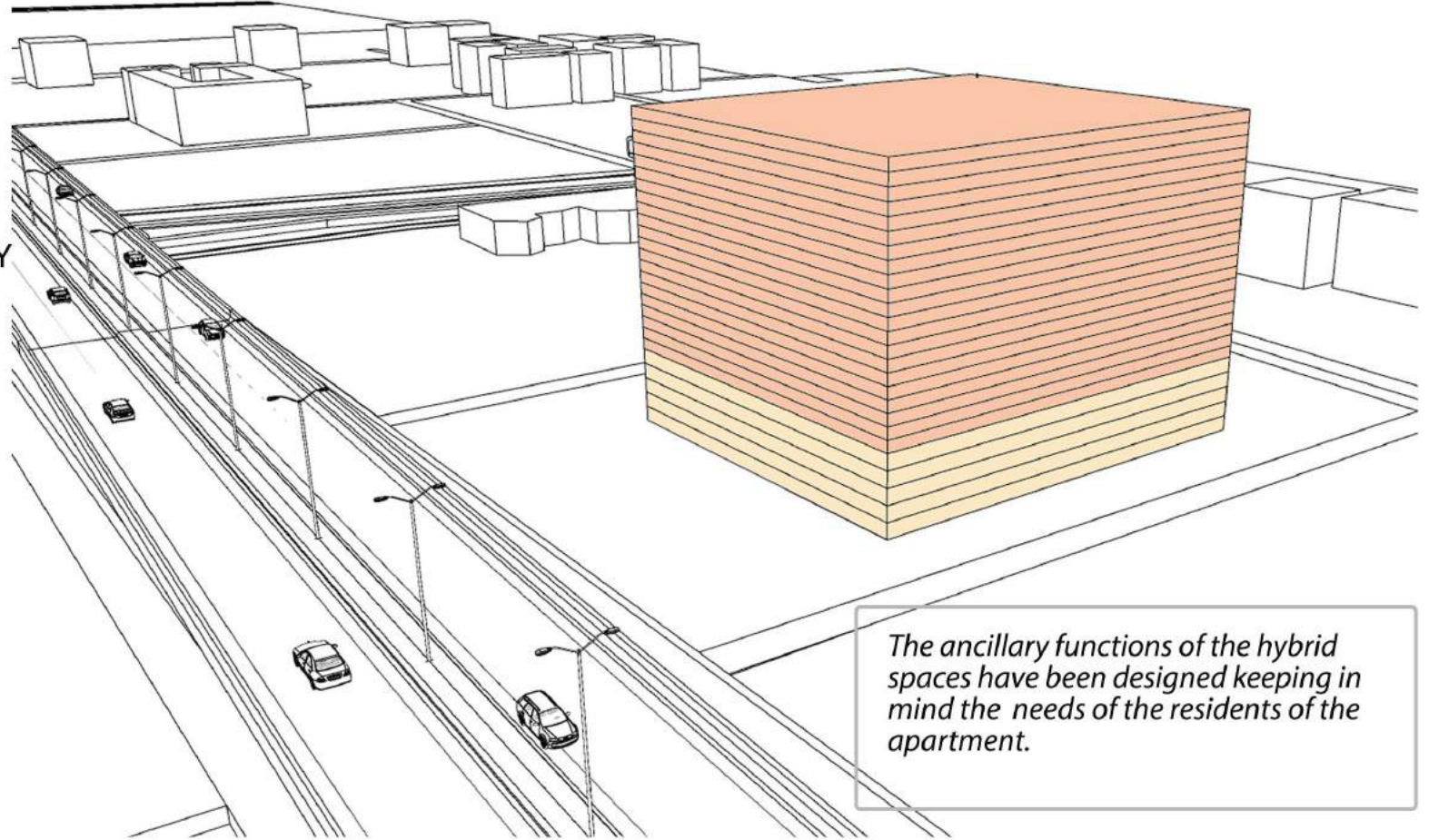


- *This site is well connected to the city, adjacent to the national highway and other modes of transportation.*
- *Located in a developing residential area in the north- eastern suburbs of Ahmedabad.*
- *Advent of various IT companies, MNCs, this location has been witnessing a rapid influx in working population.*

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ZONING ACCORDING TO CONTEXT

- RESIDENTIAL APARTMENTS
- RECREATIONAL
- RETAIL
- CO-WORKING SPACE
- EDUCATIONAL FACILITY
- MEDICAL FACILITY
- COVID CARE FACILITY

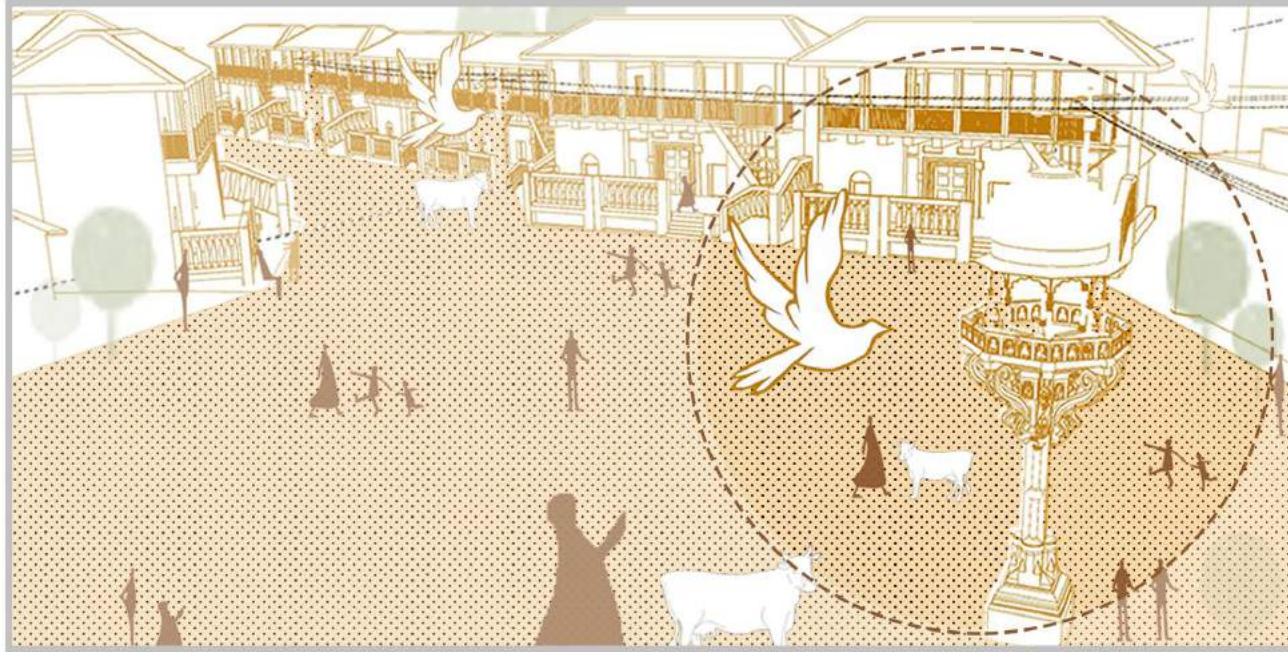


The ancillary functions of the hybrid spaces have been designed keeping in mind the needs of the residents of the apartment.

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CONCEPT

A daily scene from the pols of the walled city of Ahmedabad.

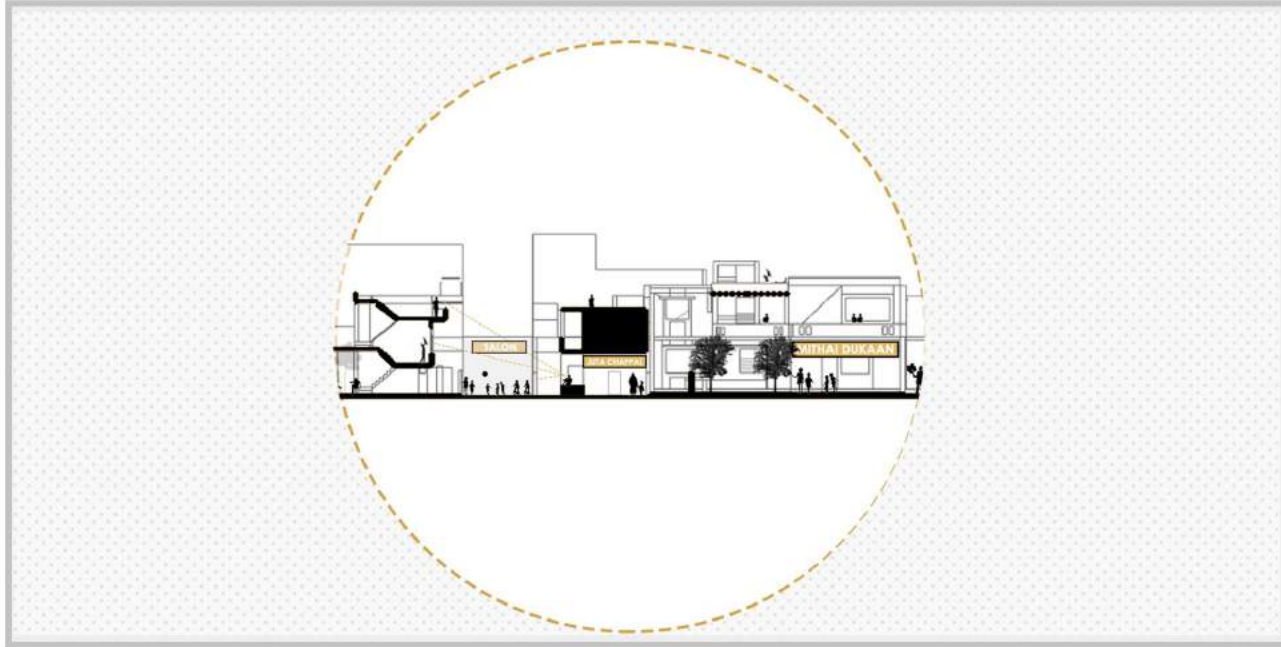


Pols are housing clusters which are the socially identifiable unit with well-defined boundaries.

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CONCEPT

Respecting the typology of the traditional housing in this context we derived our concept from the pol housing of Ahmedabad as a reinterpretation in the modern times.



These neighborhoods are the backbone of the old city of Ahmedabad which celebrate the concept of hybridity.

Flexibility in use of interior space by no strict division to suit the changing family composition was evident in the interior of the pol houses.

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ELEMENTS OF POL INTERPRETED IN THE DESIGN

- Linear arrangement of space maintaining hierarchy of spaces separating public from private.
- Overlooking spaces, transitional spaces and community spaces and inclusion of landscape used in pol have been interpreted in the design.
- Flexibility in use of interior space by no strict division made to suit the changing family composition.
- Use of chowk or courtyard as climate responsive strategy



STAGGERED ARRANGEMENT OF APARTMENTS



COMMUNITY SPACES IN THE FORM OF STEPPED TERRACES.



ELEVATED COURTYARD CONNECTING DIFFERENT SPACES.



WALKWAY FACILITATING MOVEMENT THROUGHOUT THE SPACES.



INTERPRETATION OF OATLA, A TRANSITIONAL SPACE BETWEEN PUBLIC AND PRIVATE ZONES.

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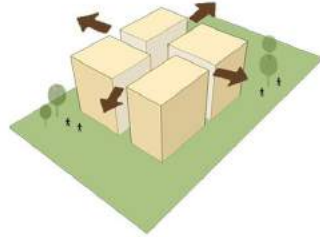
DESIGN PROCESS AND FORM DEVELOPMENT

1



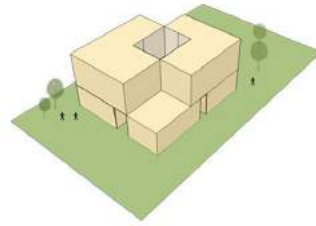
A regular shape

2



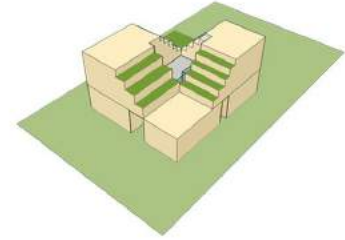
Fragmentation of the geometry for circulation

3



Massing of the fragmented geometry

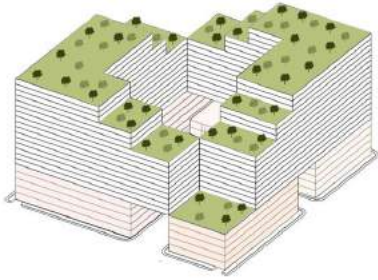
4



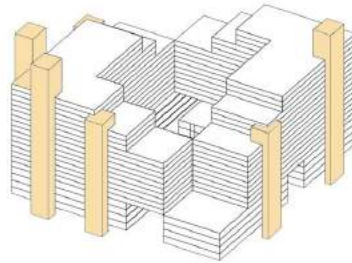
Terracing out to facilitate light and ventilation

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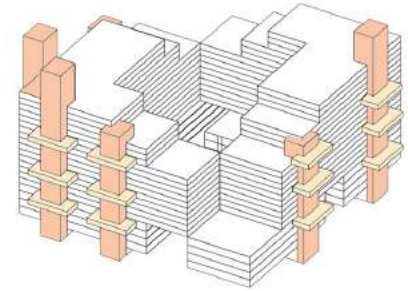
DESIGN PROCESS AND FORM DEVELOPMENT



Block model showcasing
green terraces



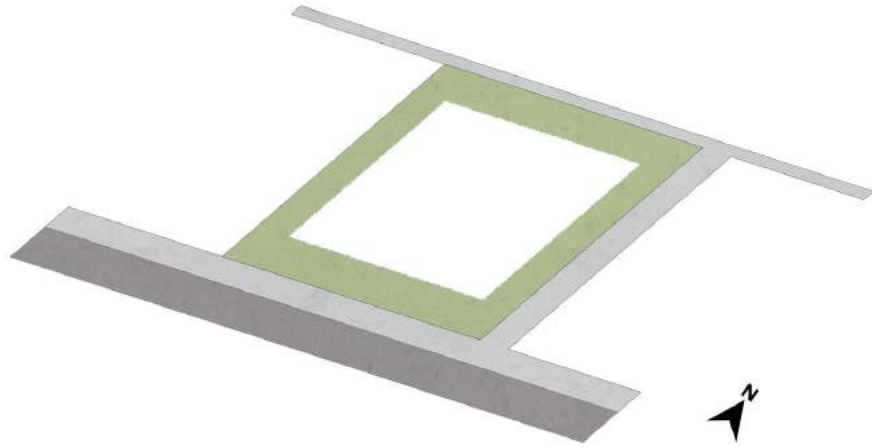
Lift shaft, staircase core
and service ducts



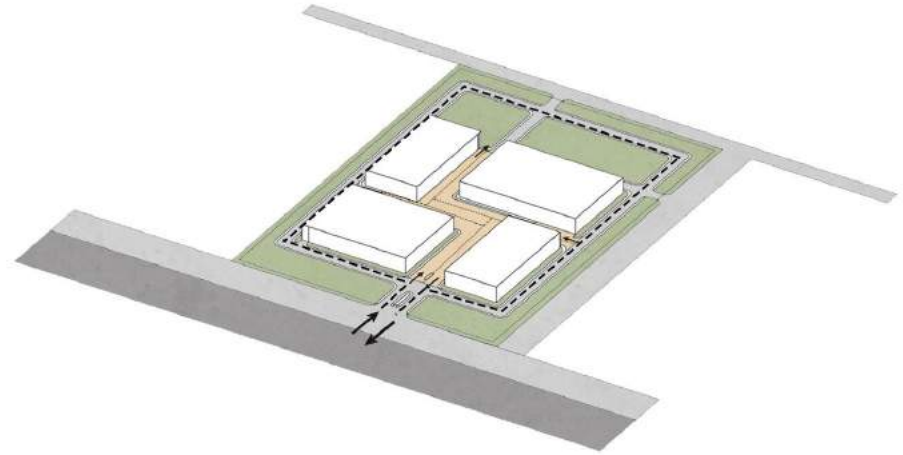
Firefighting zones and
refuge area

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DESIGN PROCESS AND FORM DEVELOPMENT



Site setback
East and West - 20 M North - 32 M South - 36 M



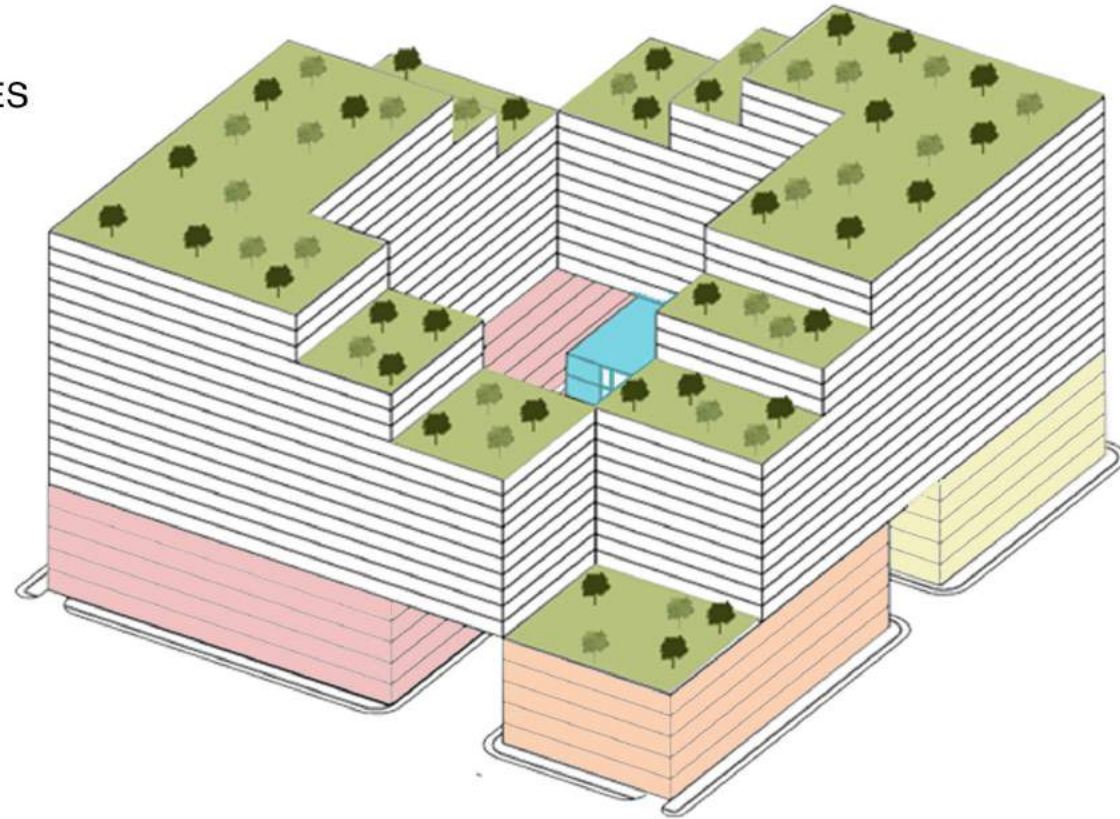
Vehicular and Pedestrian Circulation inside the site

-  Pedestrian Circulation
-  Vehicular Circulation

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VERTICAL ZONING

- RECREATIONAL FACILITIES
- CO-WORKING SPACE
- EDUCATIONAL FACILITIES
- MEDICAL FACILITIES



APARTMENT

HYBRID SPACES

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SITE PLAN

Vehicular movement is planned in such a way that it will be easily accessible from all the sides of the building.

Provision of open parking for the quick access inside the spaces of the structure

Primary focus is given on the green spaces of the site so that the residents can have a close relationship to the nature and openness

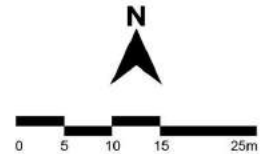
Vehicular movement is restricted to the periphery of the site, thereby adopting a pedestrian friendly approach



**SITE AREA - 9.26 ACRES
(37475 SQM)**

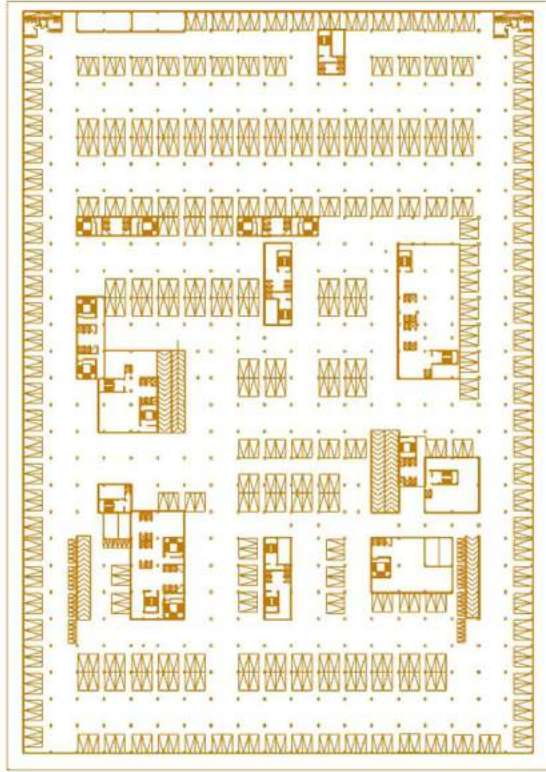
LEGENDS

1. Entry/ exit 2. Residential entry 3. Stp 4. Water supply 5. Electrical services 6. Community park 7. Children play area 8. Service entry 9. Service exit 10. Courtyard

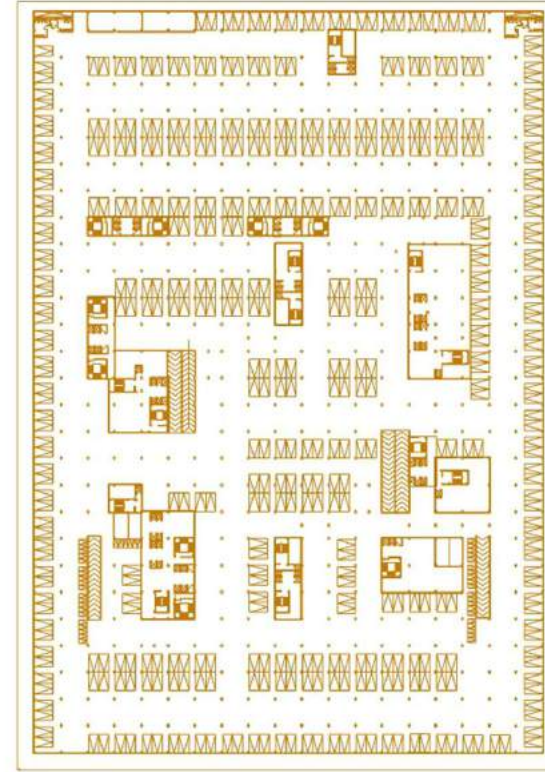


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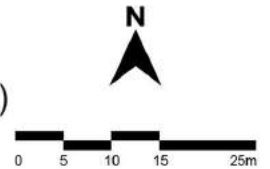
BASEMENT PLAN



ENVELOPE BASEMENT PLAN 1 (LVL - 3000 MM)

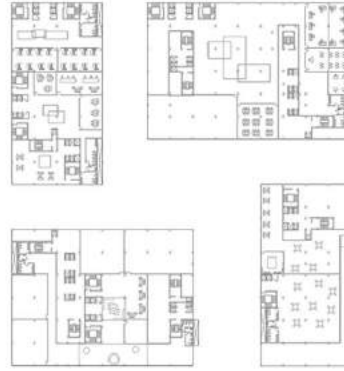
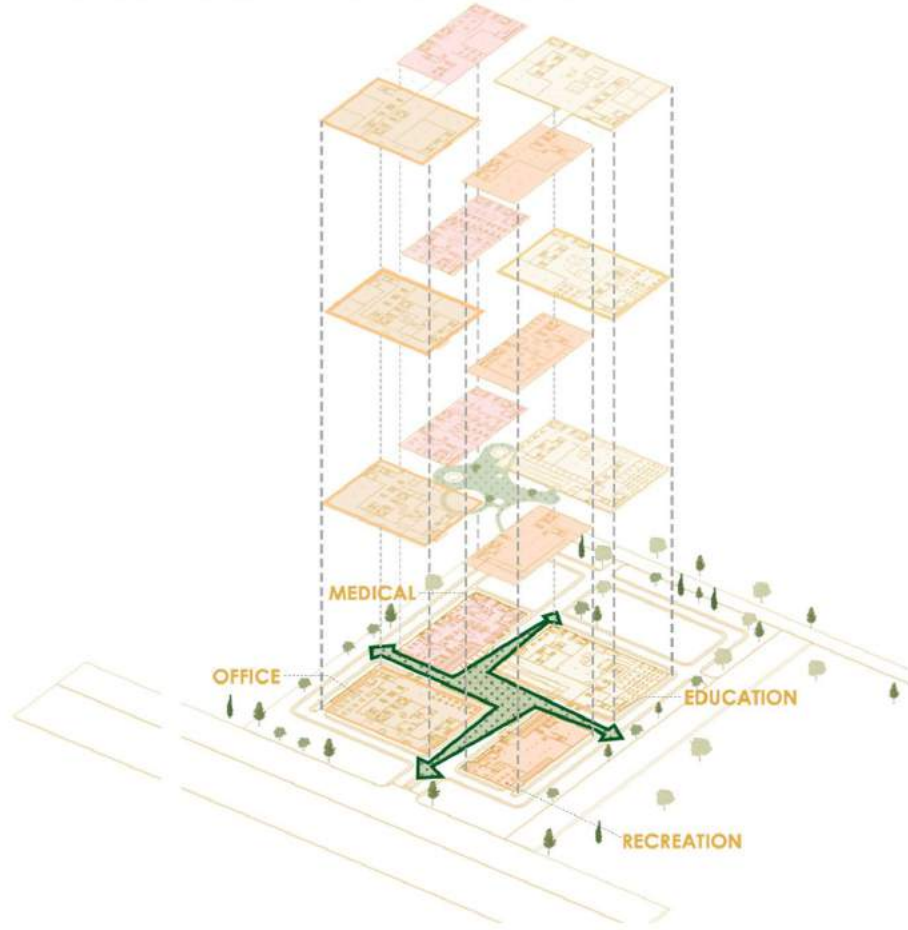


ENVELOPE BASEMENT PLAN 2 (LVL - 6000 MM)



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HYBRID AREA FLOOR PLANS



SECOND FLOOR



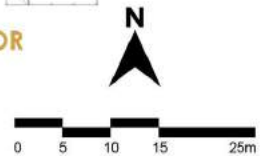
THIRD FLOOR



GROUND FLOOR



FIRST FLOOR



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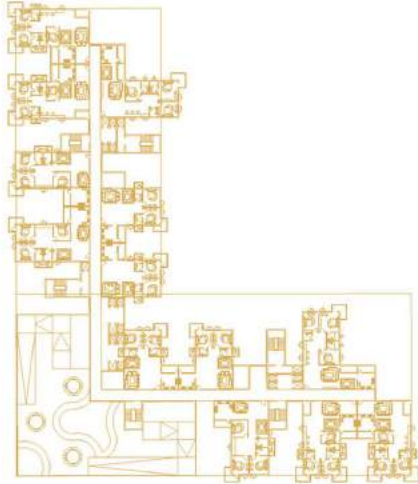


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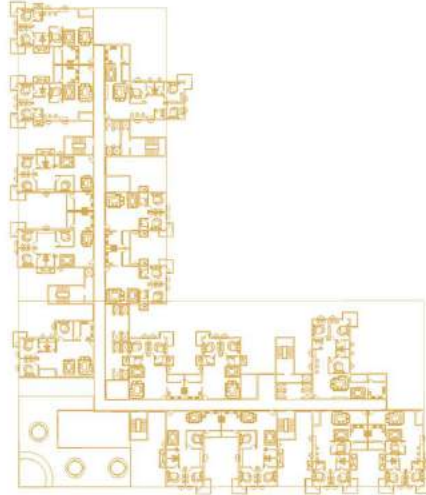


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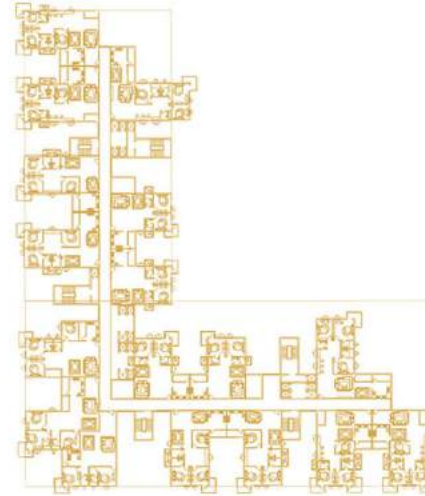
FLOOR PLANS



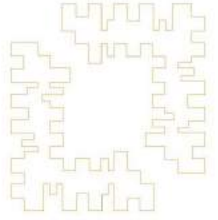
**APARTMENT FLOOR PLAN
(1 - 3 FLOORS)**



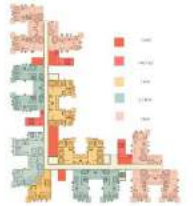
**APARTMENT FLOOR PLAN
(4 - 6 FLOORS)**



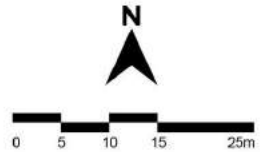
**APARTMENT FLOOR PLAN
(7 - 13 FLOORS)**



**BLOCK
PLACEMENT**

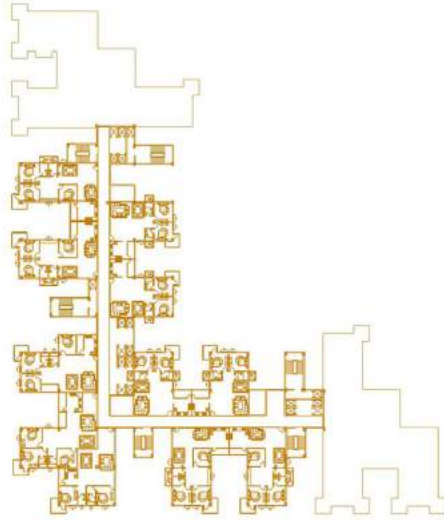


KEY PLAN

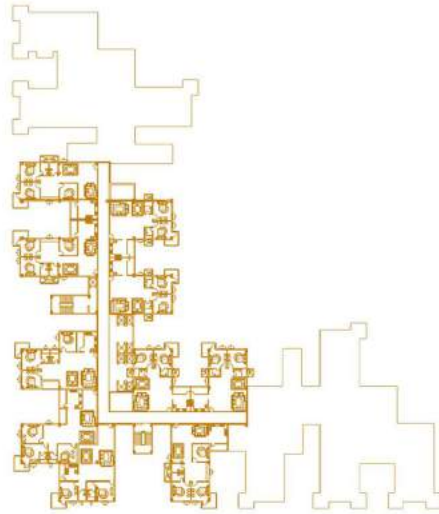


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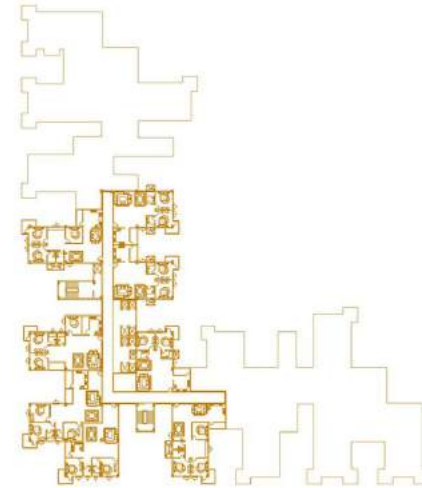
FLOOR PLANS



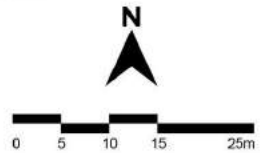
**APARTMENT FLOOR PLAN
(14 - 16 FLOORS)**



**APARTMENT FLOOR PLAN
(17 - 19 FLOORS)**



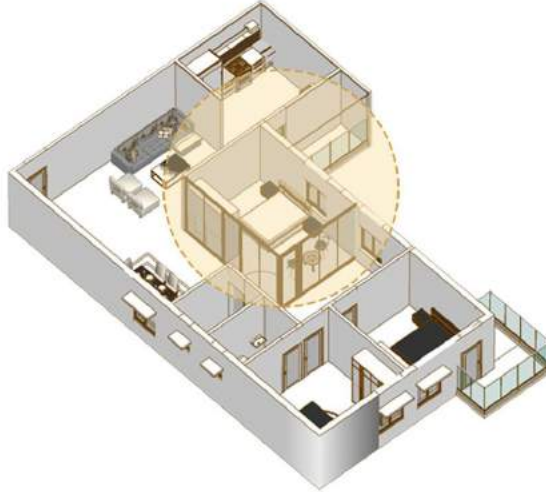
**APARTMENT FLOOR PLAN
(20 - 22 FLOORS)**



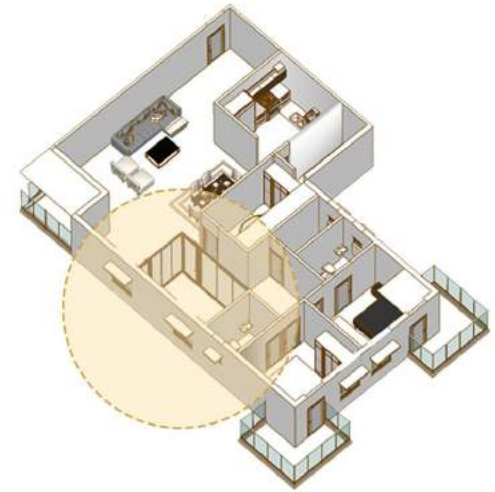
ABODE - *"Home is where the heart is."*
FLEXIBLE APARTMENT PLAN



TYPICAL PLAN OF 2 BHK
AREA:120 SQM

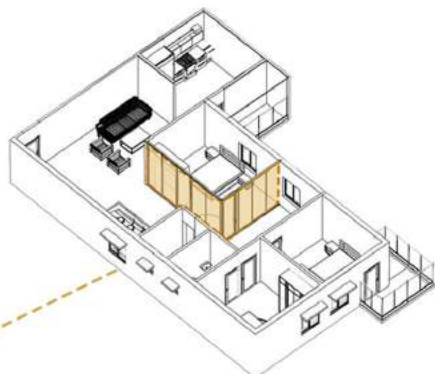


TYPICAL PLAN OF 2.5 BHK
AREA:150 SQM



TYPICAL PLAN OF 3 BHK
AREA:180 SQM

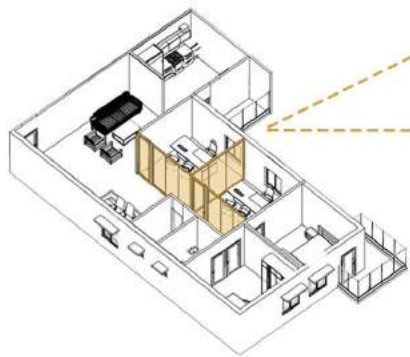
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FLEXIBILITY OF APARTMENTS



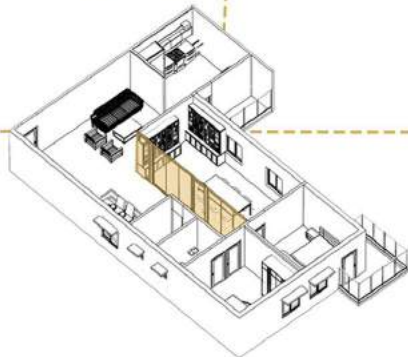
PUSH!

ROTATE!

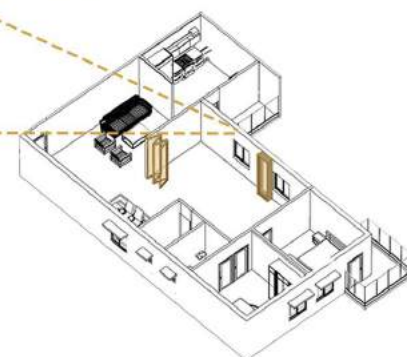
FOLD!



EQUAL-EQUAL
TWO OFFICES



ONE ROOM
LIBRARY/
MULTIPURPOSE SPACE



ONE SPACE
LIVING ROOM
WITH FAMILY SPACE

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SECTION



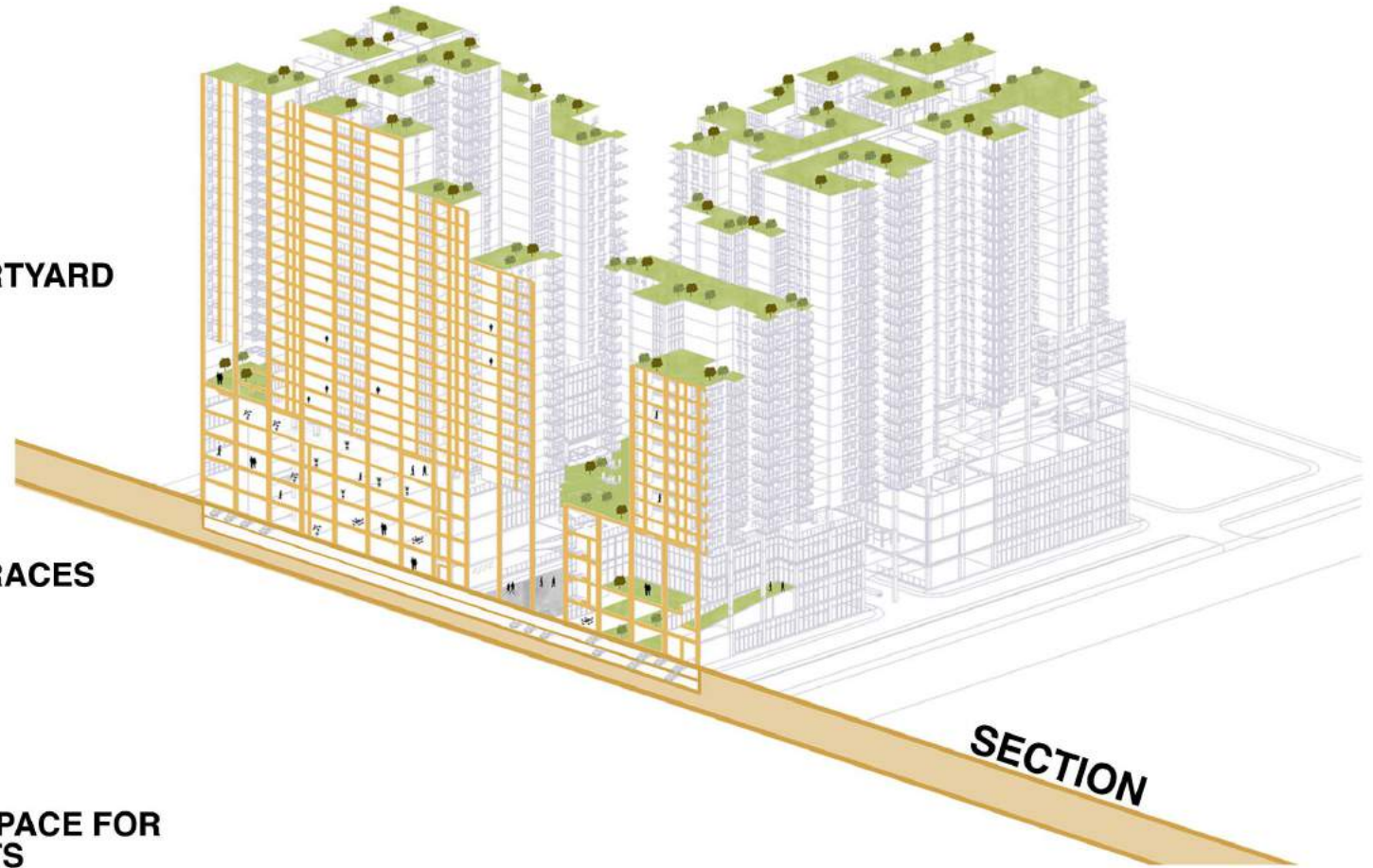
CENTRAL COURTYARD



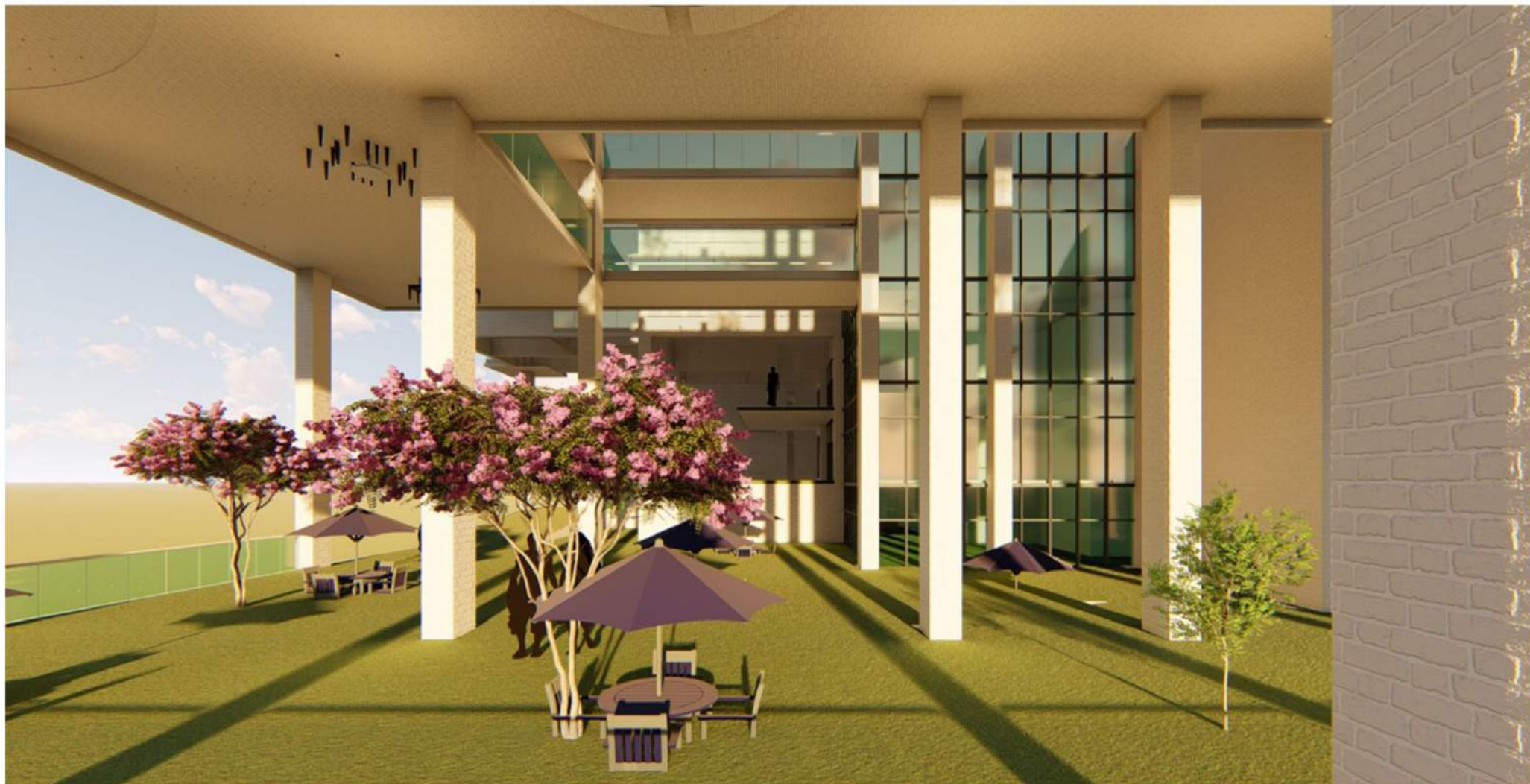
VERTICAL TERRACES



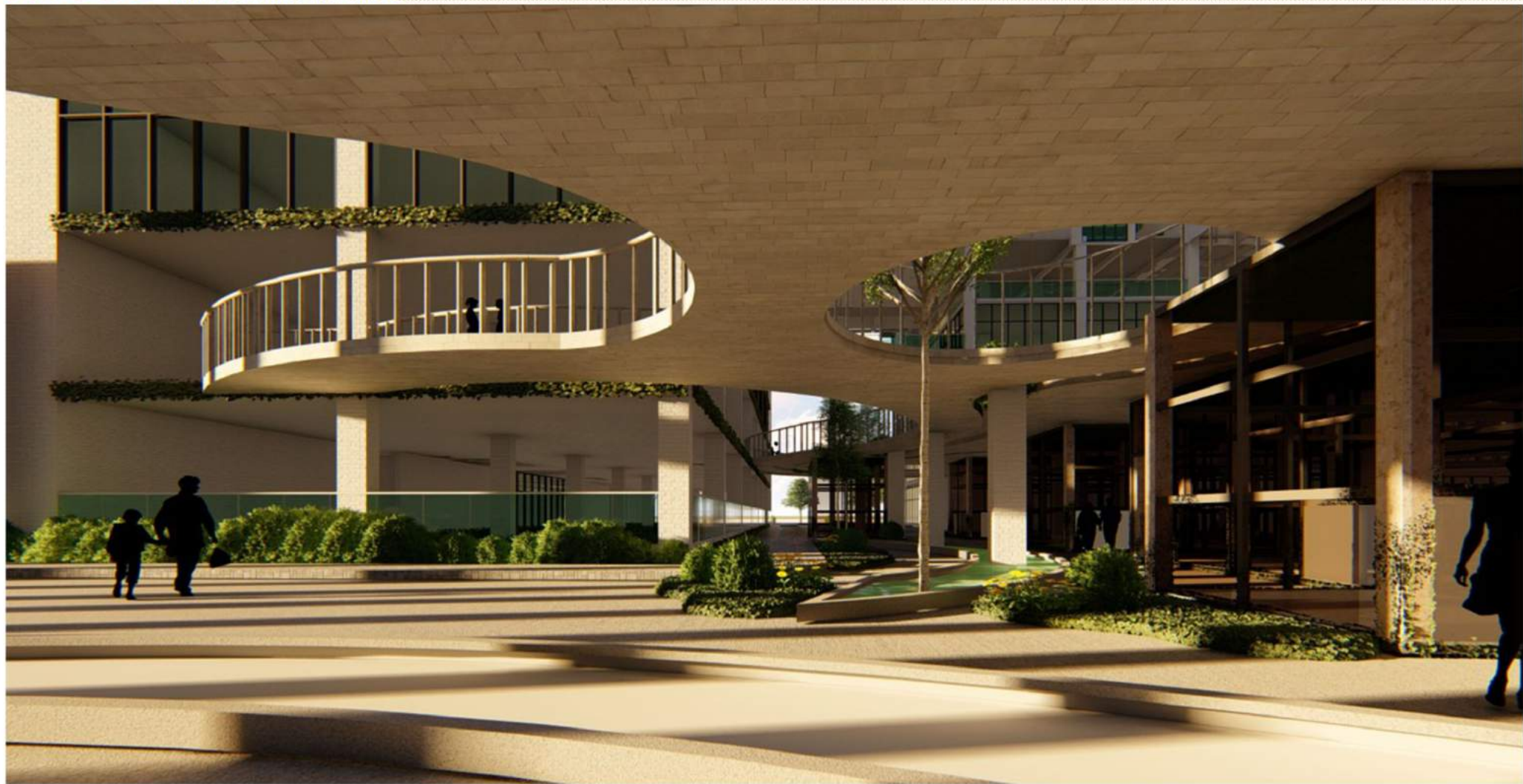
**COMMUNITY SPACE FOR
THE RESIDENTS**



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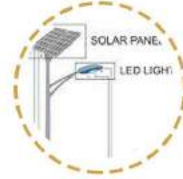
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SUSTAINABLE APPROACH



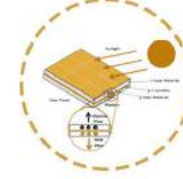
ORIENTATION

The building has been strategically oriented taking advantage of the prevailing wind and sun orientation.



OUTDOOR LIGHTING SYSTEM

Solar street lighting system has been installed to reduce the dependence on conventional energy.



PHOTOVOLTAIC CELLS

Photovoltaic cells, placed on the terraces converts the energy of light directly into electricity to be used later.



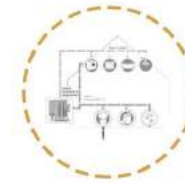
RAIN WATER HARVESTING

Water collected at different levels from terraces are directed towards the recharge pits for rain water harvesting



PERMEABLE PAVEMENTS

Permeable pavements have been used in the parking lot and in the soft paves throughout the building. It enables storm water to flow through it.



RE CYCLE OF WATER

Recycling of water done by treatment and re-use of grey water.

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SUSTAINABLE APPROACH



RECYCLING OF WATER

Recycling of water done by treatment and re-use of grey water.



USE OF RECYCLED WOOD

Reclaimed wood has been used to promote sustainability and reusability of materials. Wooden louvers have been placed through out the facade to act as a vertical shading device.



USE OF RECYCLED GLASS

Cullet glass required for reuse of glass used throughout the design.



DOUBLE GLAZED GLASS

consists of two or more glass window panes separated by a space to reduce heat transfer across a part of the building envelope.



EXTERIOR GLASS

It has been used in the facade to achieve day light comfort and energy efficiency.



INTERIOR GLASS

Used in the partitions for flexible spaces in individual apartments.

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SITE SERVICES



SPRINKLER SYSTEM

A fire sprinkler system is an active fire protection method, consisting of a water supply system, providing adequate pressure and flowrate to a water distribution piping system, onto which fire sprinklers are connected



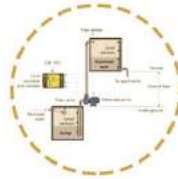
ELECTRIC PANEL ROOM

An electrical room is a room or space in a building dedicated to electrical equipment. Its size is usually proportional to the size of the building.



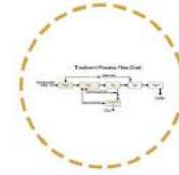
FIREFIGHTING WATER STORAGE TANK

They are used to store an adequate amount of water to be used by fire sprinkler systems or other firefighting measures.



OVERHEAD WATER TANK

They are used to store an adequate amount of water to be used by fire sprinkler systems or other firefighting measures.



STP

is a type of wastewater treatment which aims to remove contaminants from sewage to produce an effluent that is suitable for discharge to the surrounding environment or an intended reuse application.



REFUGEE ZONES

Fire-fighting refuge zones are the area of refuge location in a building designed to hold occupants during a fire or other emergency, when evacuation may not be safe or possible.

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THANK YOU

