

PORTFOLIO

OIKOPOLIS | MONSOON 2022

Navya Pandey
UG190928



1. Seminar

2. Final Project: EDEN COUNTY

- process
- basement plan
- site plan
- fourth floor plan
- terrace plan
- section
- elevations
- unit plan and section
- renders

SEMINAR

HOUSE FOR ONE?

stories of three one-person households

The intention of the seminar was to discuss the need to think about inclusivity of all household types while designing housing, especially one person households. Most housing hoardings make promises of spreading smiles and "hum saath saath hain", with a picture of a happy family- a couple and their two children which leads to the question that why is this kind of a household so heavily popularized and presented as an 'ideal' family and why is the 'ideal' household always targeted for housing. In the real world, families come in all forms and sizes. The establishment of an 'ideal' results in ignorance of all other kinds of households. One person households are the fastest growing households but still the developers and designers turn a deaf ear to their housing needs. This seminar takes up the story of three one person households to make developers and designers aware of the power they hold and encourage them to think about inclusivity of all households.

HOUSING POPULARLY IMAGINED AND MADE FOR HOUSEHOLDS WITH A COUPLE AND THEIR CHILDREN



"The concept of a 'family' both in the law and in society is that it consists of a single, **unchanging unit with a mother and a father** (who remain constant over time) **and their children**,"

ROLE OF GOVERNMENT AND LAW IN ESTABLISHING THE 'IDEAL' HOUSEHOLD

In 2022, Justice D.Y. Chandra recognised the fact that,

"The concept of a 'family' both in the law and in society is that it consists of a single, **unchanging unit with a mother and a father** (who remain constant over time) **and their children**."

"HUM DO, HUMARE DO"

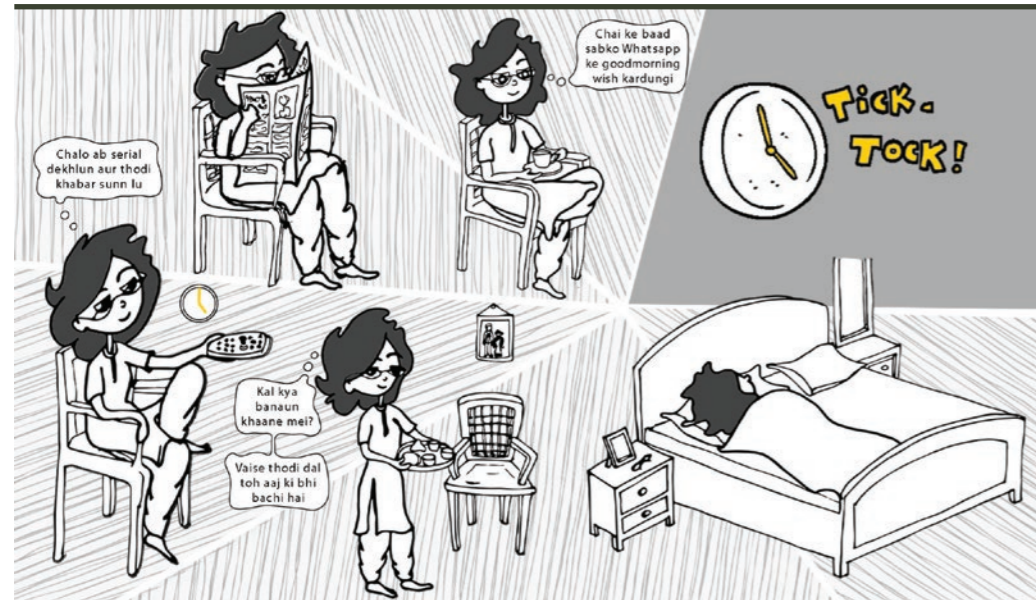
A film on family planning emphasising the need that one should limit the family after one gets two children. Also, establishes a couple and their two children as an 'ideal' household.



Source: Ministry of information and broadcasting, Govt. of India

WHAT ABOUT ONE-PERSON HOUSEHOLDS?

They are made to occupy houses built for an 'ideal' household.



with my family here."

"Whenever I desire for a change, I go and meet Sanjeev, my brother."

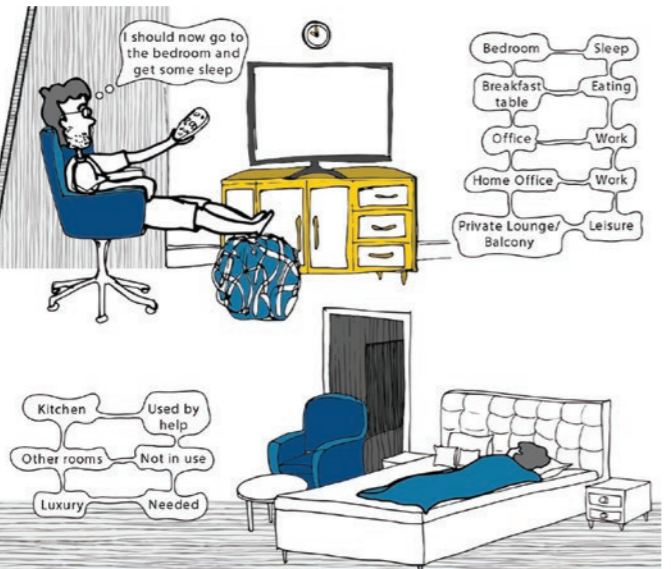


Meet **Mr.Sanjeev'**
An architect in his mid fifties

A HOME IN HALF A HOUSE...



"One of the coolest things in my house is my **personal jacuzzi and sauna**. As you are told, I am a **man of luxury and fine living**."

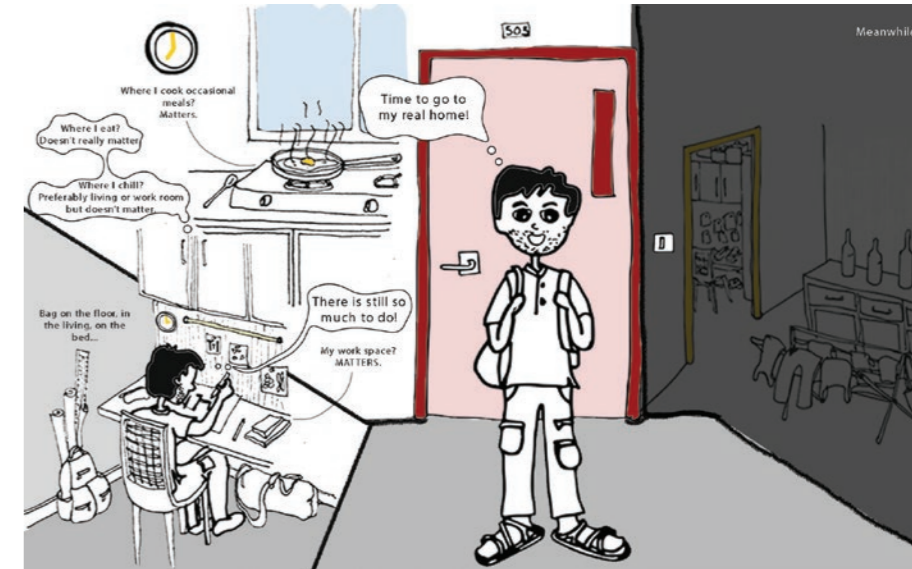


Meet **Vansh'**
A third year design student

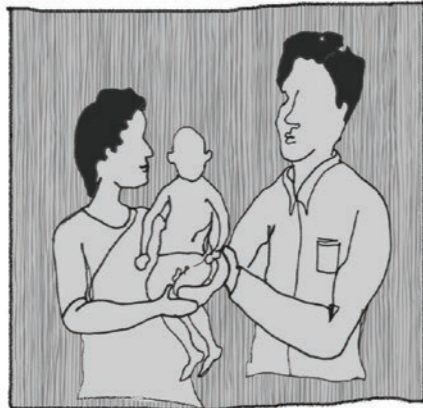
THIS HOUSE DOESN'T WANT MANY WALLS...



72SQM
2BHK
1 OCCUPANT



"HUM DO, HUMARE DO" MAY NOT BE A FOREVER



A happy family



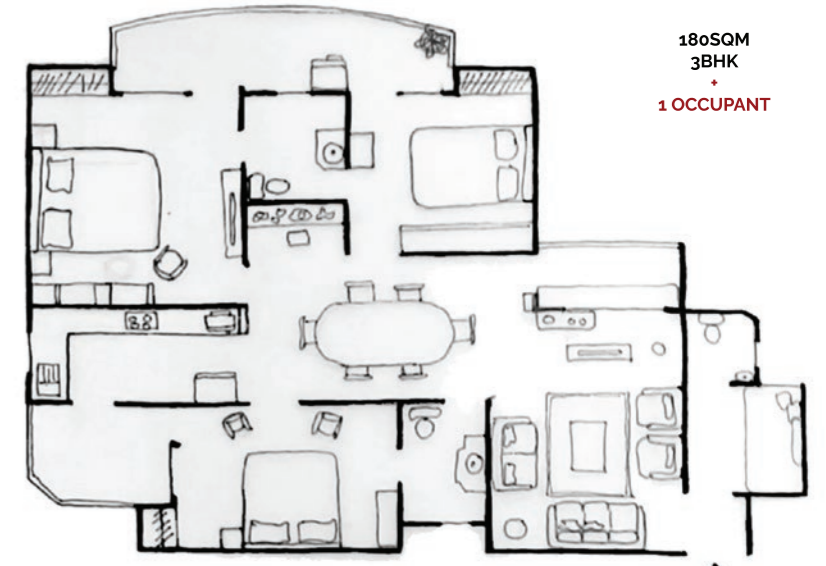
I will take care of you mom



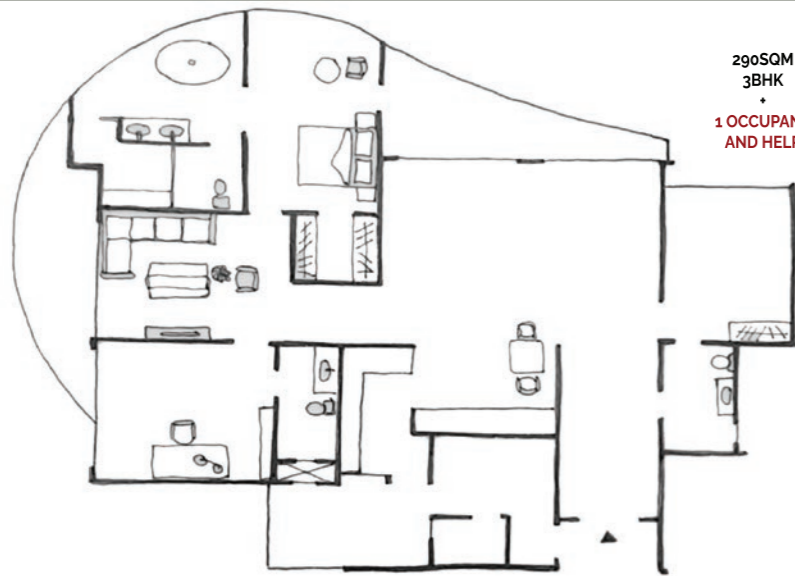
Pursue your dreams. I'll be fine son

Meet **Ms. Gupta**
A non working woman in her early sixties

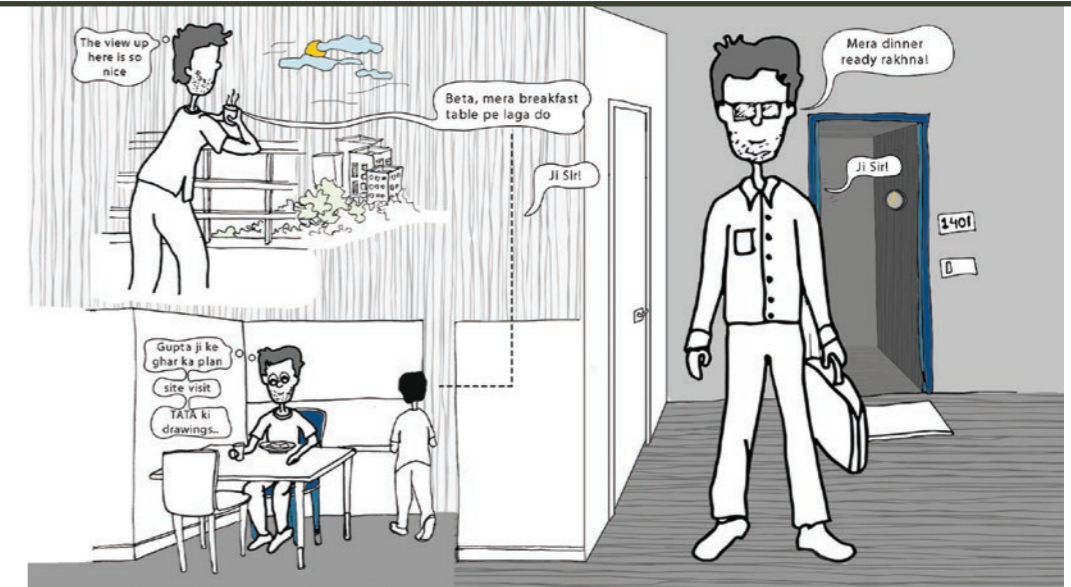
THE HOUSE THAT ONCE WAS...



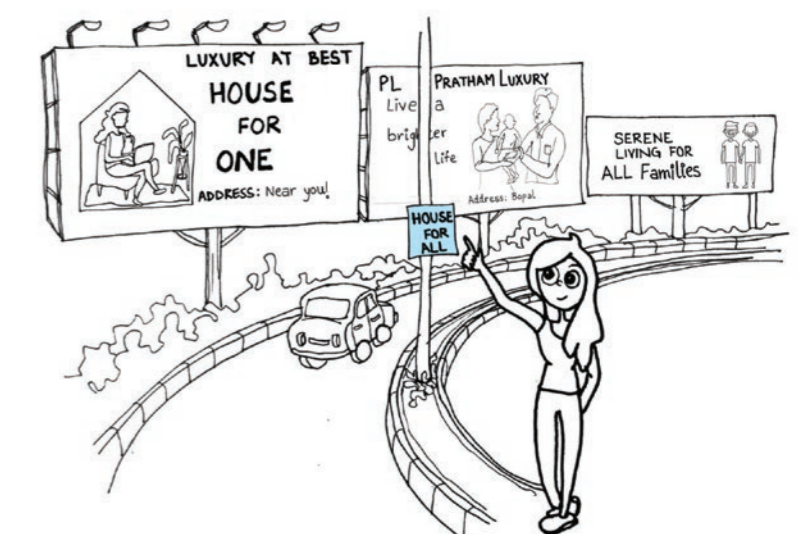
180SQM
3BHK
1 OCCUPANT

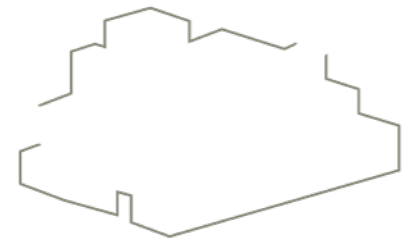


290SQM
3BHK
1 OCCUPANT
AND HELP



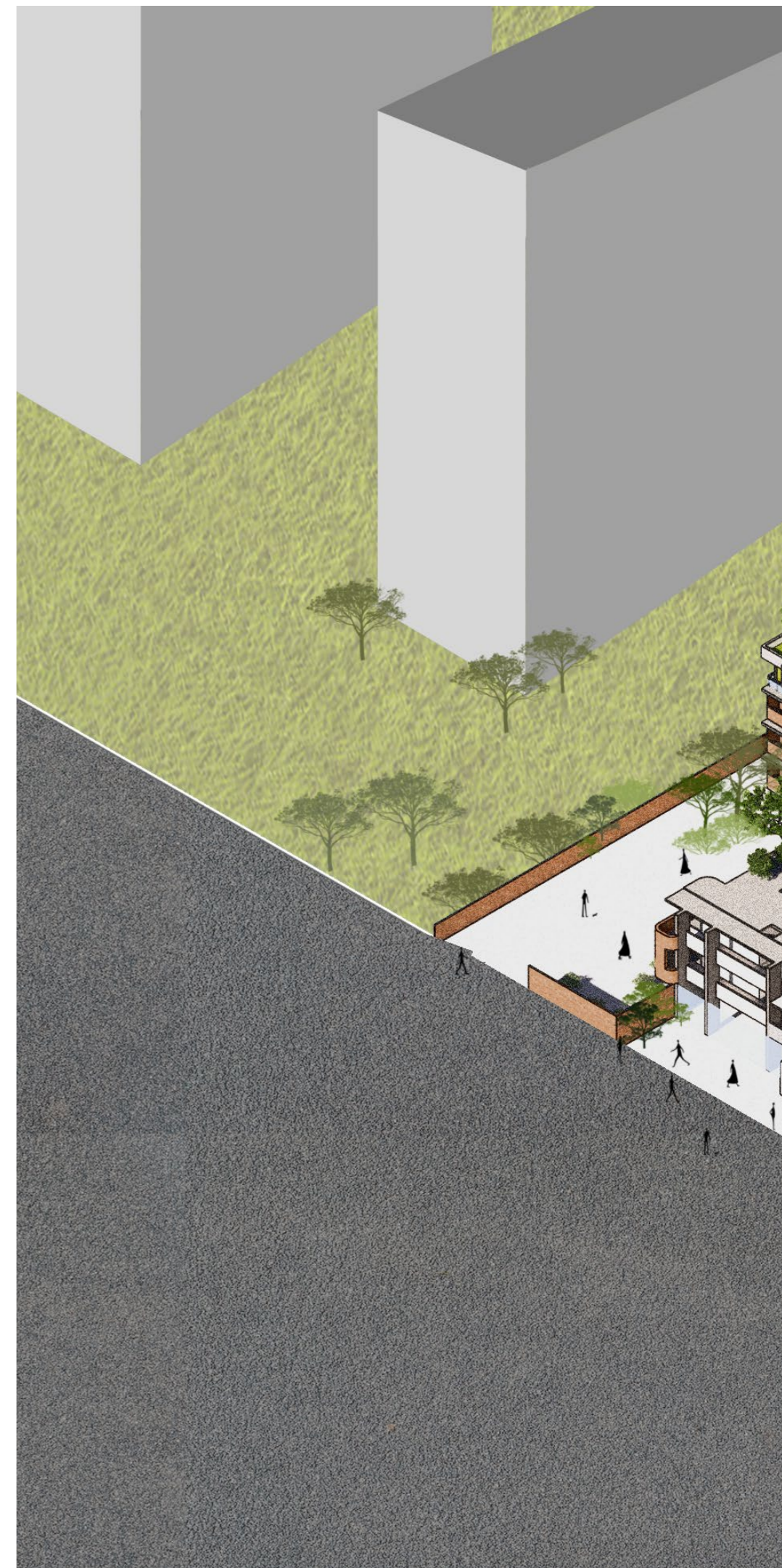
A MORE INCLUSIVE FUTURE WOULD LOOK THIS...





EDEN COUNTY

1 and 3 BHK homes



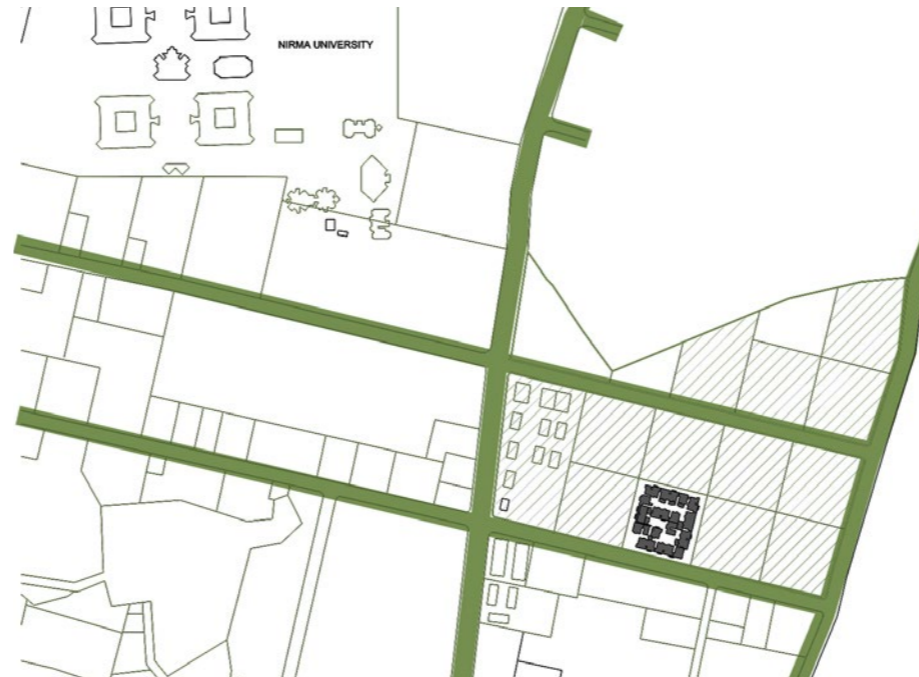


finori project

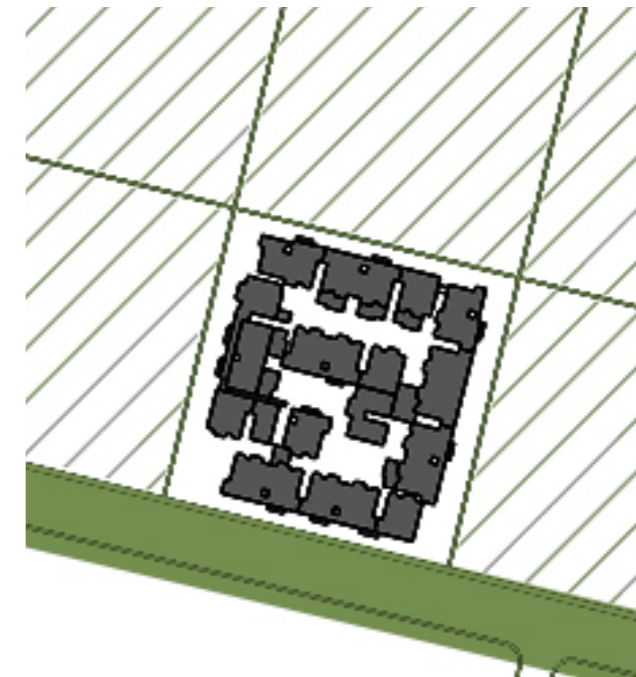
THE SITE



Near SG Highway and Sardar Patel Ring Road.



Close proximity to multiple schools and colleges.



Upcoming residential area.

PROJECT NAME:
EDEN COUNTY

OIKOPOLIS
DEVELOPERS

LOCATION:
Gota, Ahmedabad,
Gujarat

FSI:
2.7

PLOT AREA:
10,532 SQM

PERMISSIBLE
FSI AREA:
28,436.4 SQM

CONSUMED
FSI AREA:
28,312 SQM

PERMISSIBLE
HEIGHT:
45 M

HEIGHT OF THE
TALLEST TOWER:
36 M

PROJECTED
DENSITY PER
HECTARE:

HUMANIZE THE SCALE

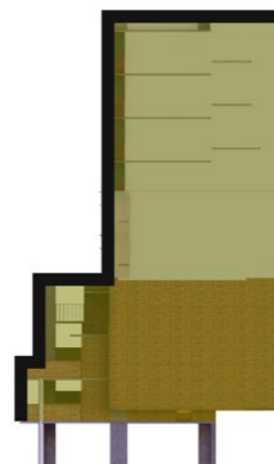
high rise intimidating
HUMAN TO HUMAN
DISCONNECT
difficult to perceive the
mass

high rise less interaction
PATH FINDING

COMFORT NATURE HOMELY
human **eye level** terrace gardens
G+3 STOREYS
security sense of collective

SAFETY

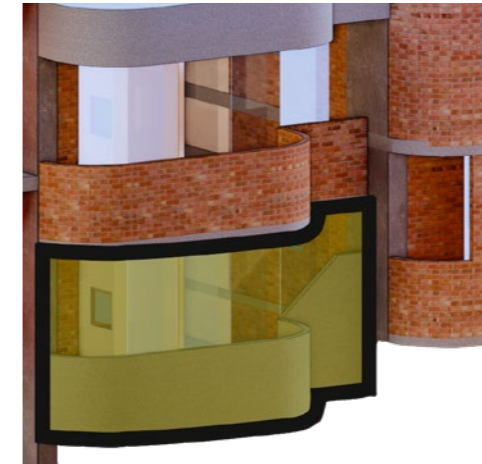
break the scale also achieve FSI
terracing recessing
LOW STOREYS
PERCEIVED SCALE
overhangs colour
CHANGE MATERIALS
projecting
BALCONIES



Recess



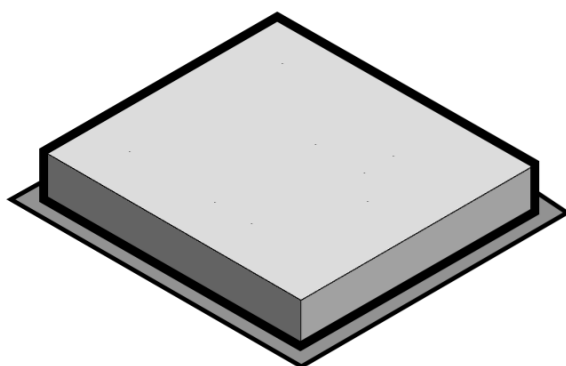
Changing Materials



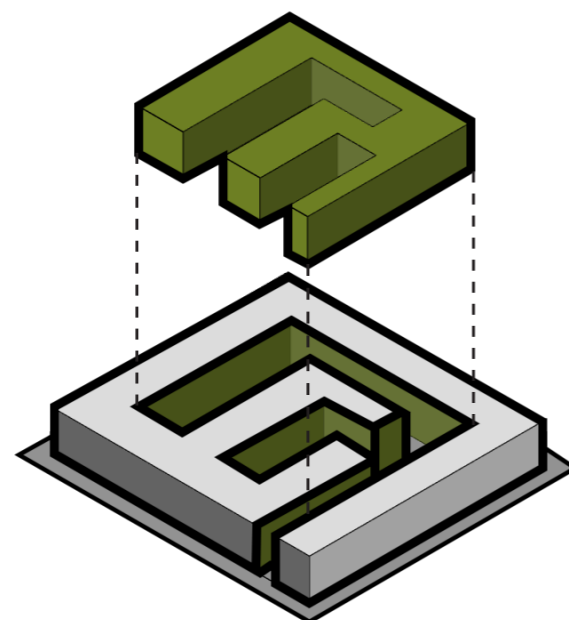
Projecting Balconies



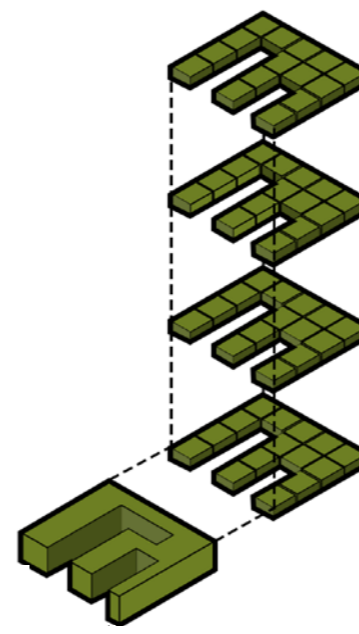
Overhangs



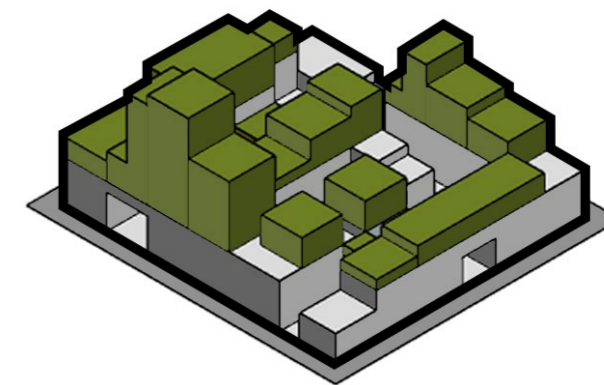
Start with a Fat Block by leaving margins and to achieve FSI to get a G+4 block.



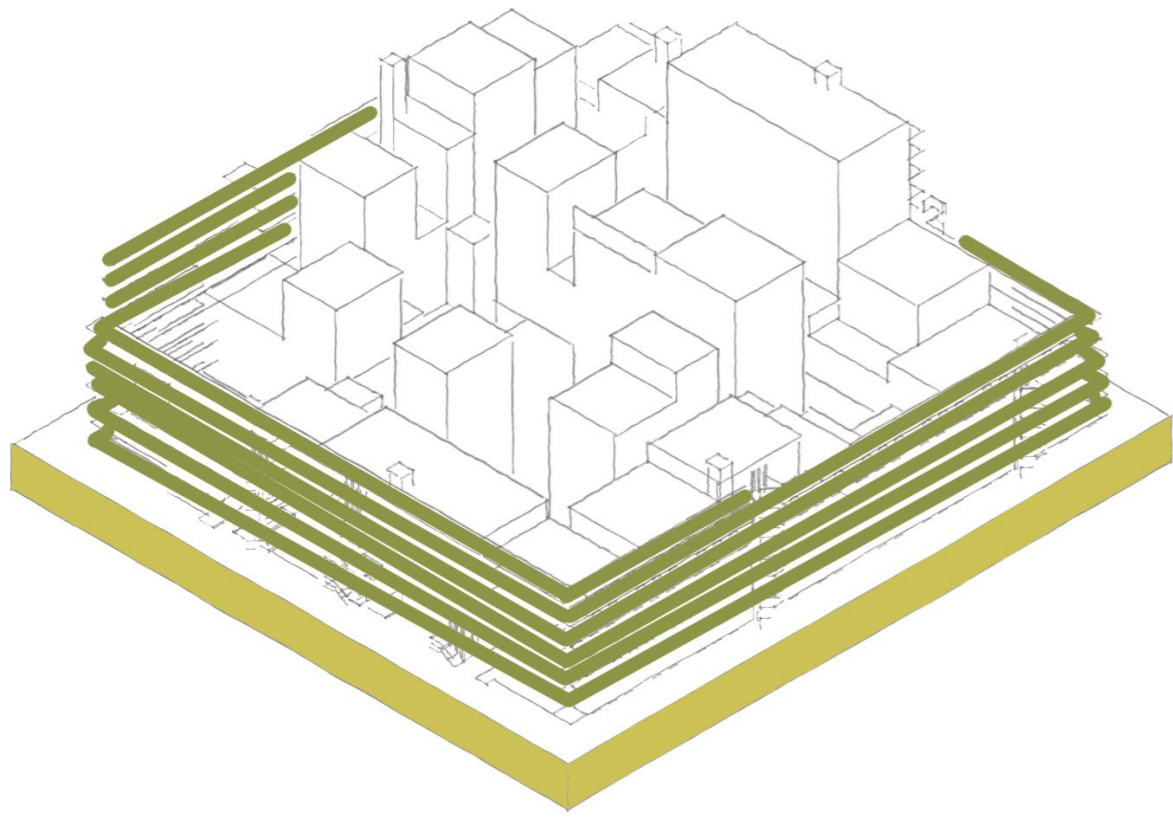
Subtract mass for the 'street' for circulation



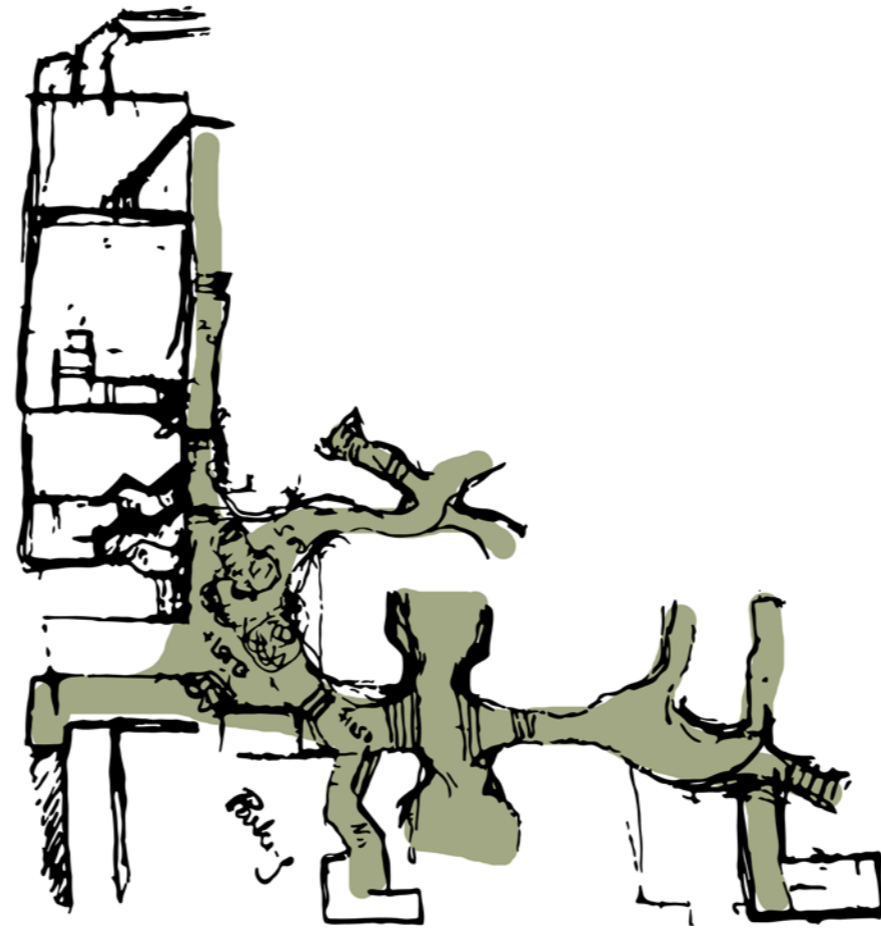
Break mass into units.



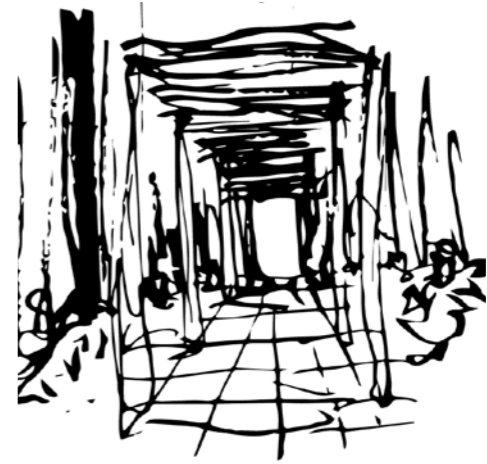
Place units to achieve terracing.



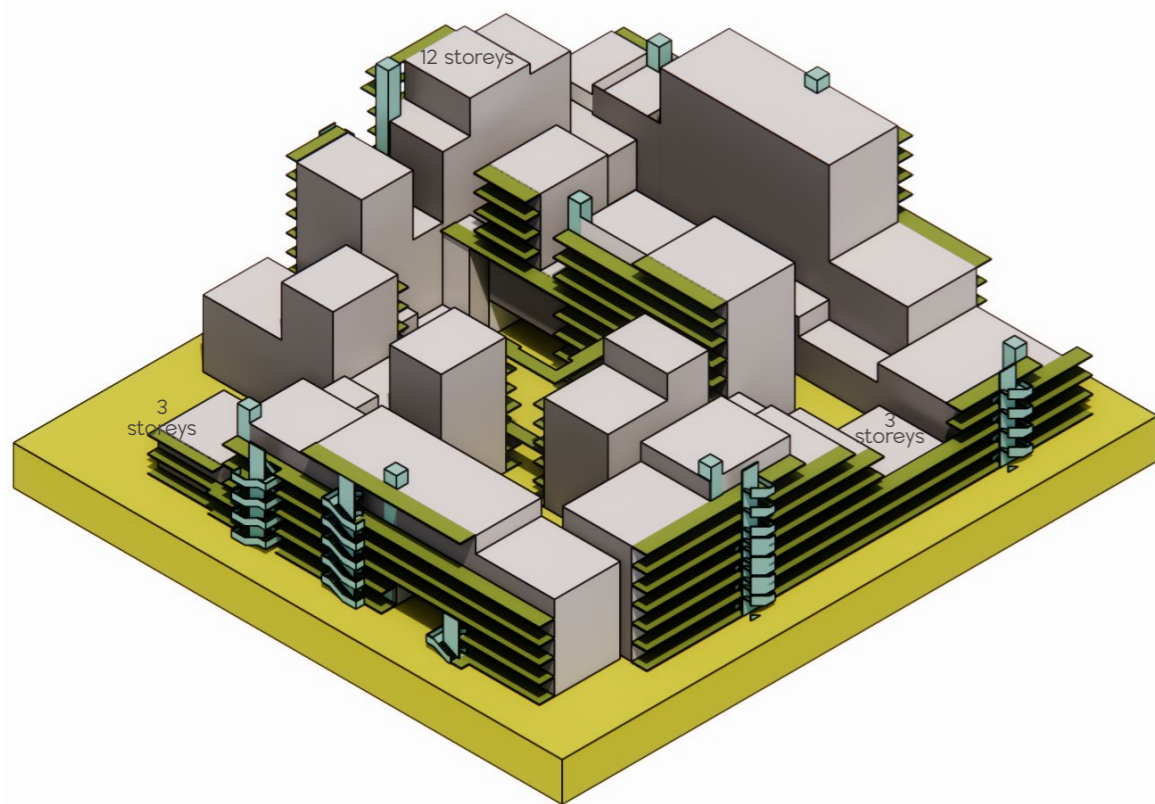
Ideation Sketch for Cirulation
Wrap the building with circulation



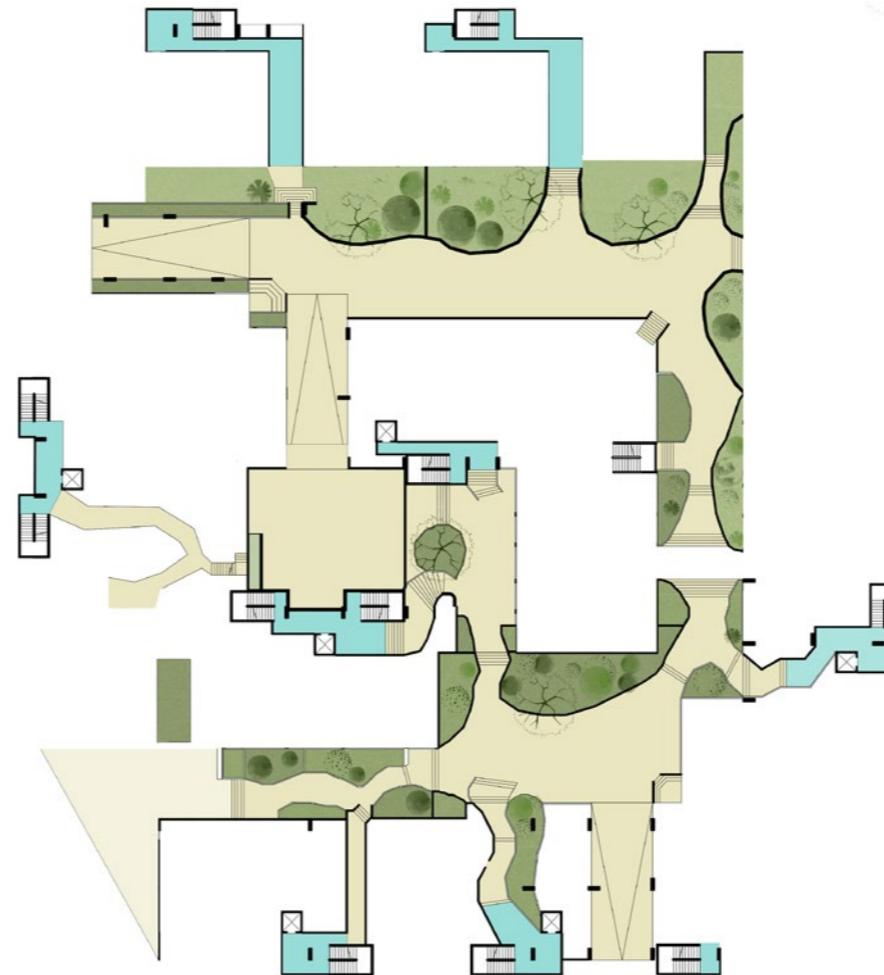
Ideation Sketch for the street



Experience Sketches for the street



Circulation Diagram



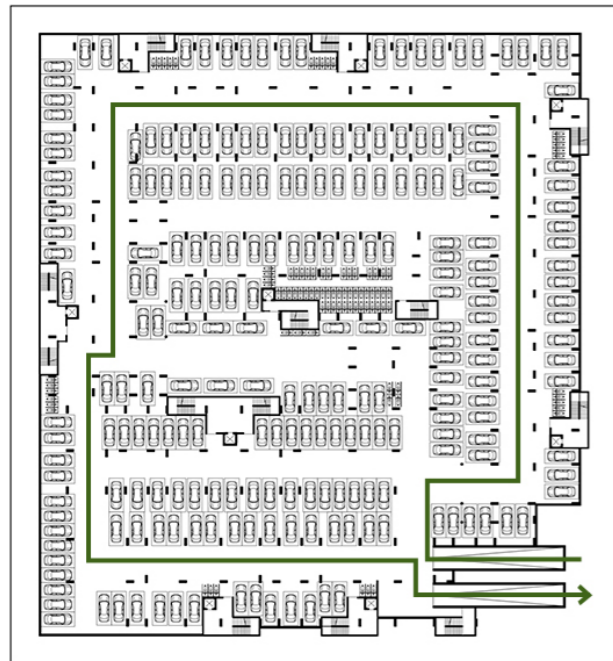
Final Street Formation

BASEMENT PLAN

In Basement:



On Hollow Plinth:

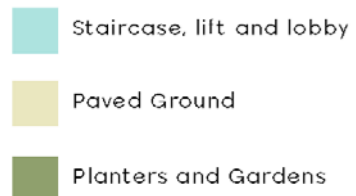
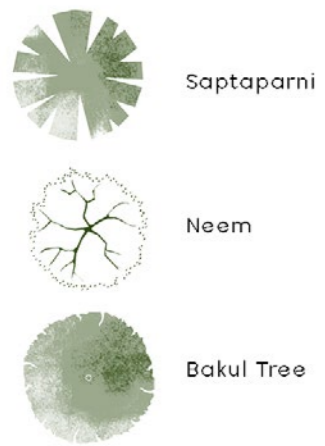


Circulation for vehicles in the basement



SITE PLAN

S i t e
P l a n
V i e w



0M 1.5M 4.5M 10.5M 16.5M

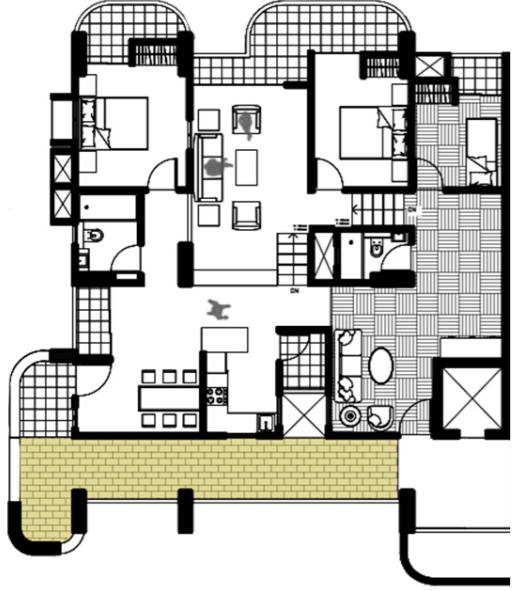


Entry

18M WIDE ROAD

Car Entry

FOURTH FLOOR PLAN

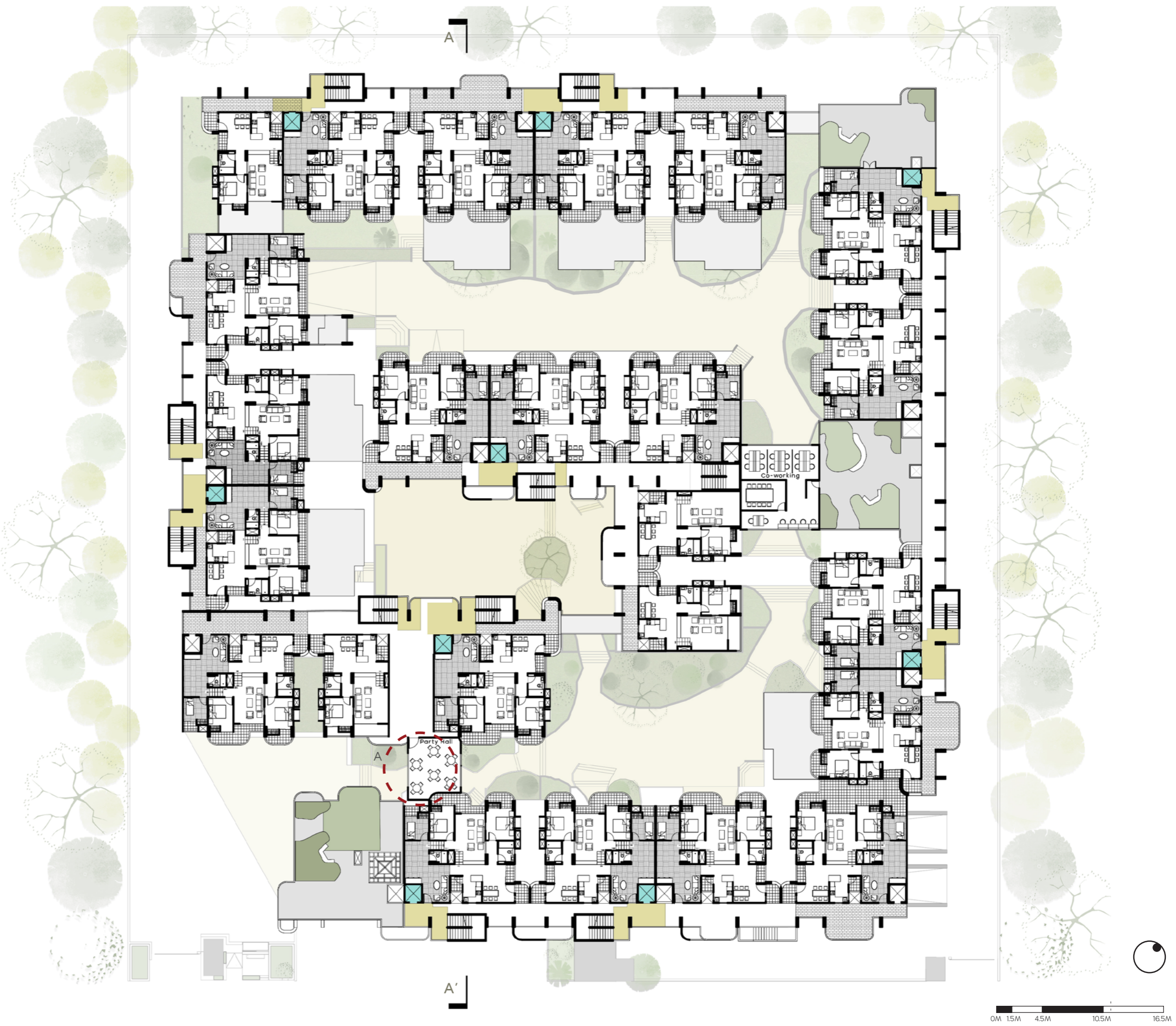


Sellable Corridor



A. View towards entry of the street

- Free of FSI
- Planters and Gardens



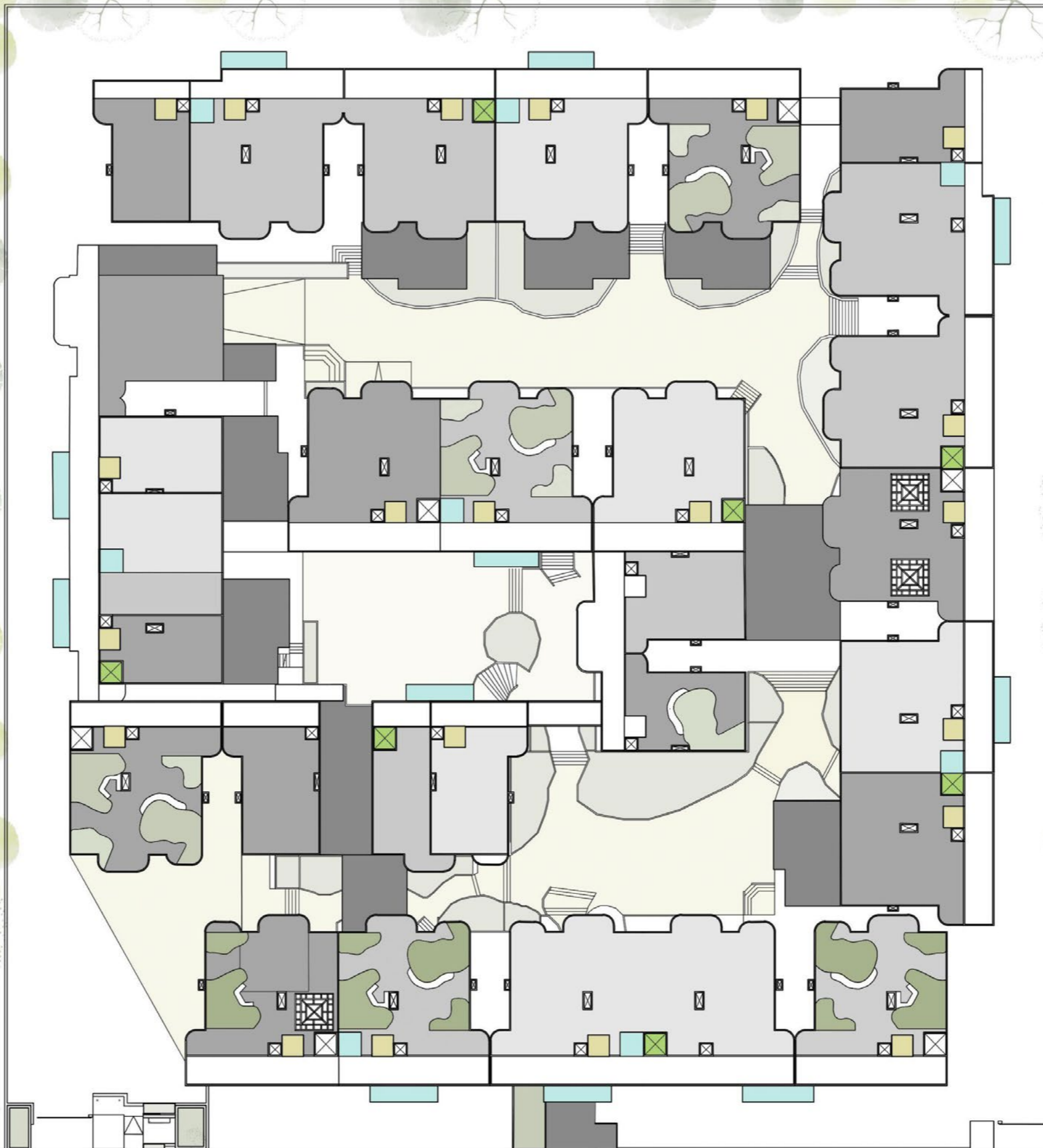
TERRACE PLAN



Views of personal terraces



0M 1.5M 4.5M 10.5M 16.5M



S
i
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V
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s

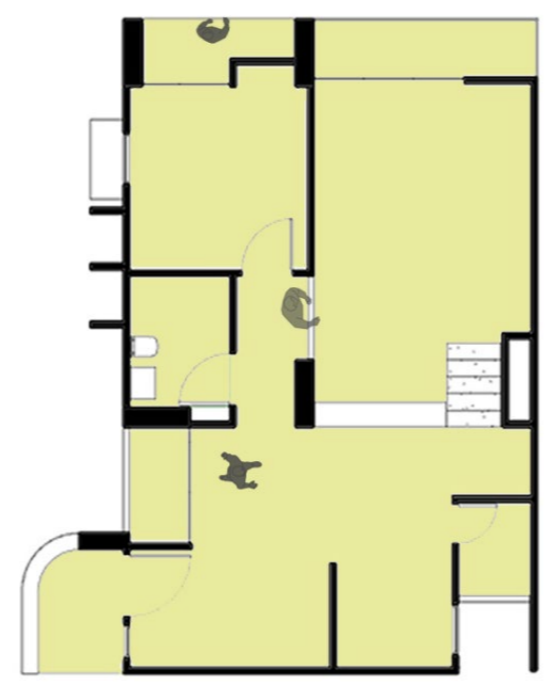
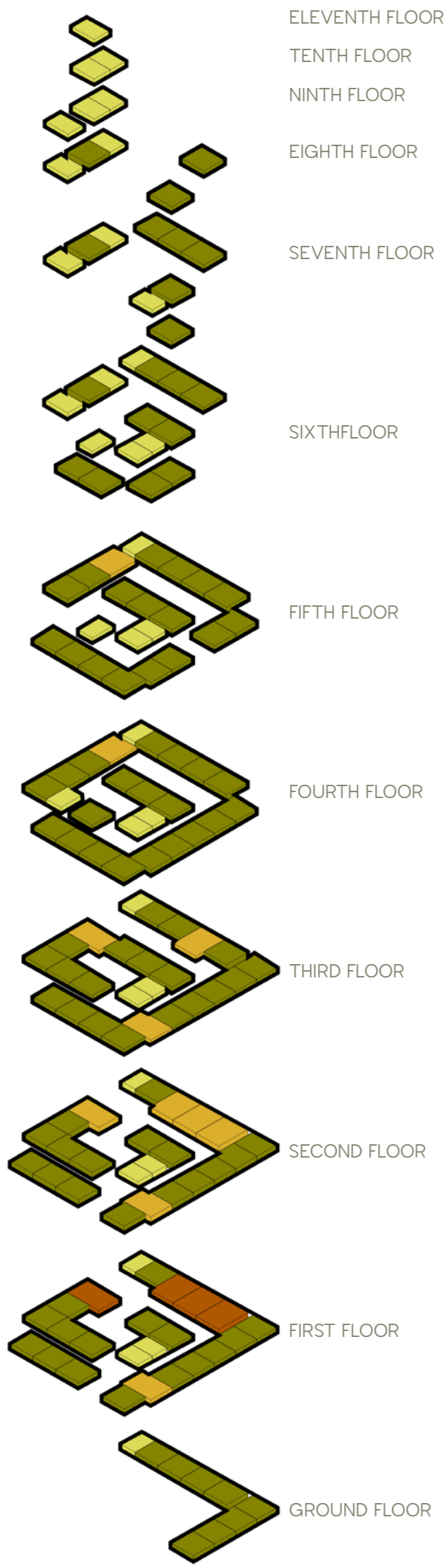
SECTION AA'



- +24300mm TERRACE
- +21300mm SEVENTH FLOOR
- +18300mm SIXTH FLOOR
- +15300mm FIFTH FLOOR
- +12300mm FOURTH FLOOR
- +9300mm THIRD FLOOR
- +6300mm SECOND FLOOR
- +3300mm FIRST FLOOR
- 000 (±0.000)



evolution



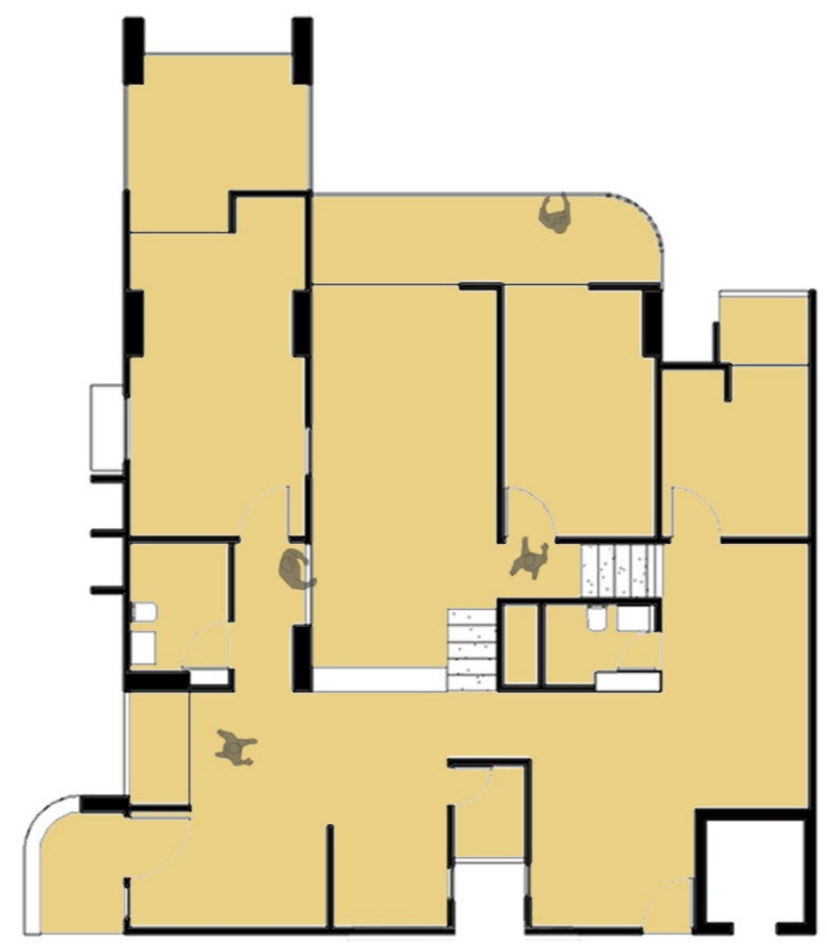
UNIT TYPE A

RERA CARPET AREA= 77 SQM
BUILT UP AREA= 89 SQM
TOTAL UNITS= 48



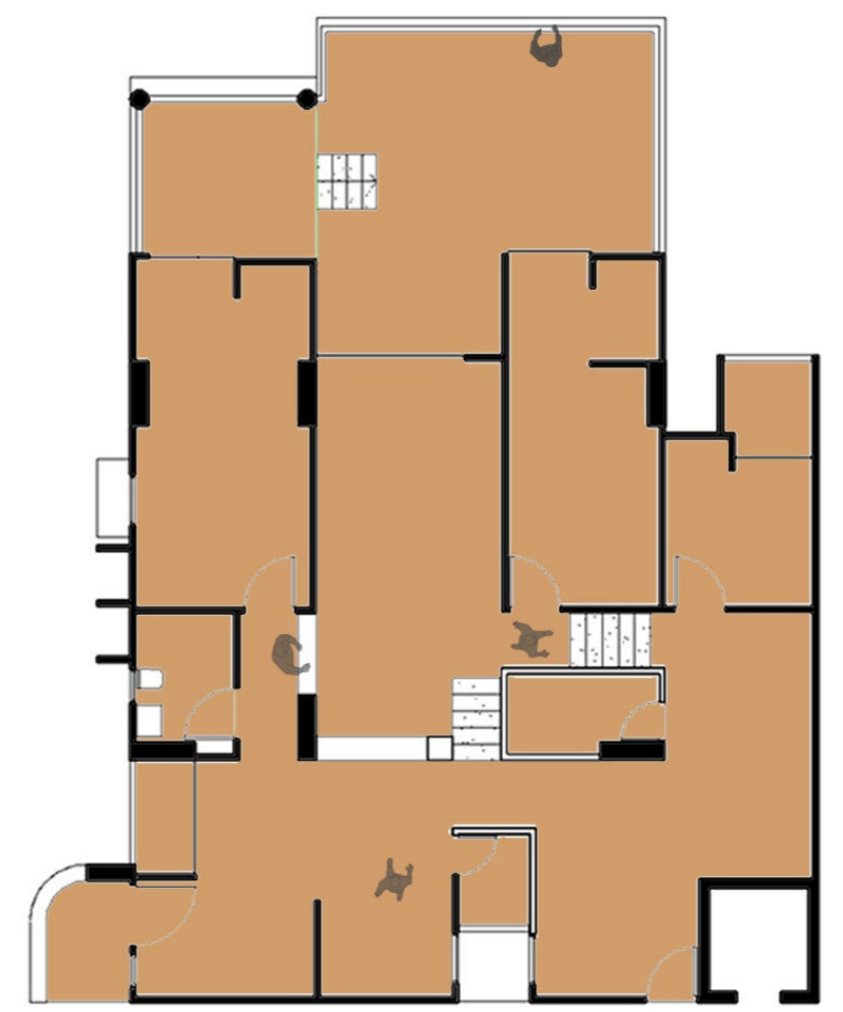
UNIT TYPE B

RERA CARPET AREA= 107 SQM
BUILT UP AREA= 147 SQM
TOTAL UNITS= 120



UNIT TYPE C

RERA CARPET AREA= 132 SQM
BUILT UP AREA= 167 SQM
TOTAL UNITS= 8

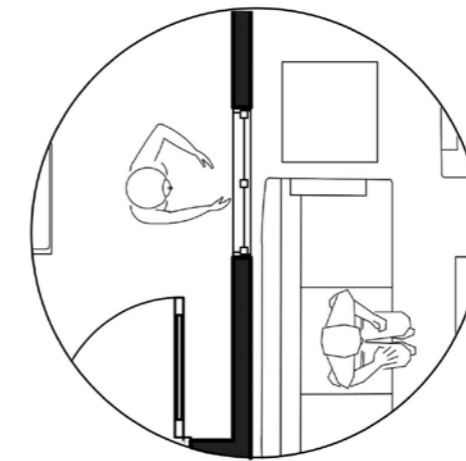


UNIT TYPE D

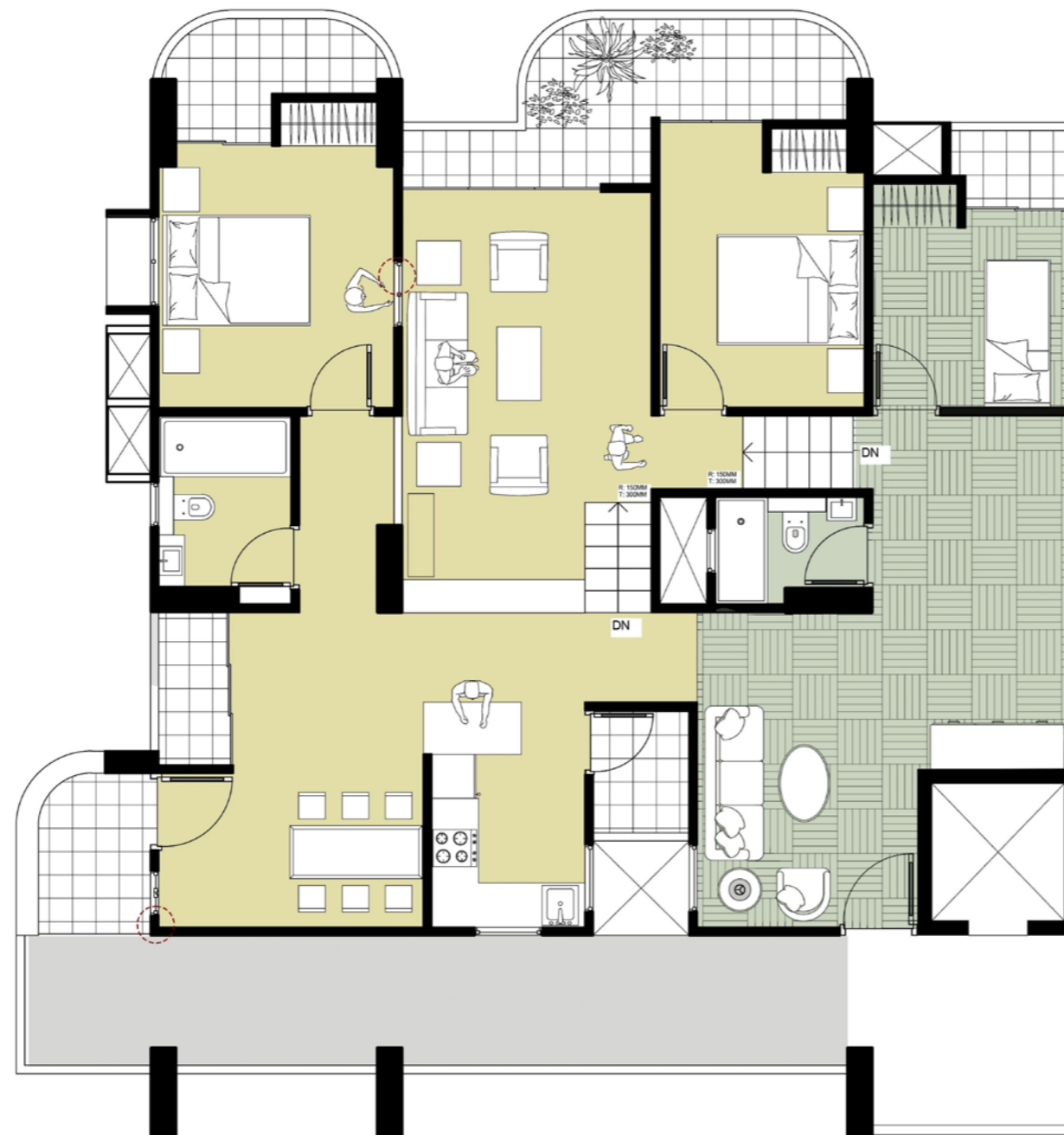
RERA CARPET AREA= 132 SQM
BUILT UP AREA= 190 SQM
TOTAL UNITS= 10



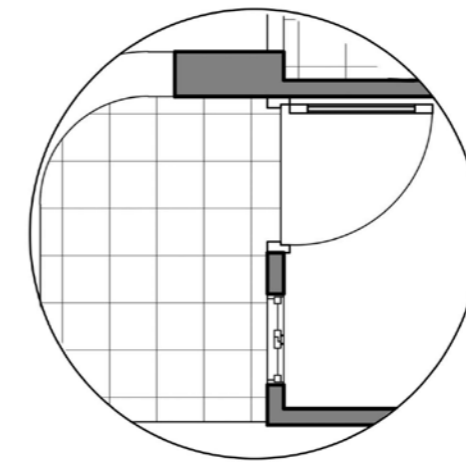
UNIT TYPE C
SECTION



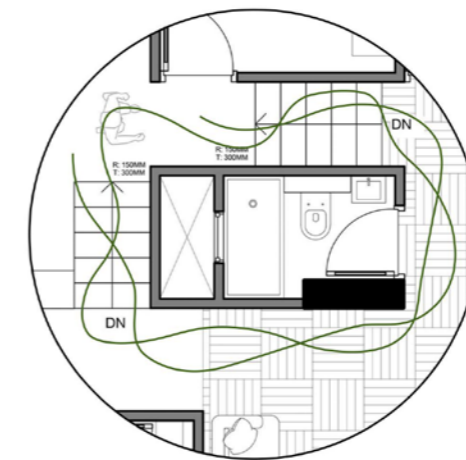
An opaque openable window in the bedroom on the higher floor allows one to overlook the living room.



UNIT TYPE C
PLAN



The openable window next to the main door allows the resident to take deliveries or see who is at the door without opening the door.



The loop formation allows the children in the house to play 'pakdam-pakdai'

Since the housing is located close many educational institutions, **many students and staff members** would need places to rent nearby. This unit has been designed considering the same. The unit functions as a whole but also **allows the part shaded in green to be given for rent** with its separate entry, living, toilet and bedroom with a balcony.

- Non-rentable part
- Rentable part
- Personal customisable corridor



