

RETRO STYLE APARTMENT , RAEBARELI ROAD , LUCKNOW

A Thesis Submitted in
Partial Fulfilment Of The Requirements For The Degree Of

BACHELOR OF INTERIOR DESIGN

by

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To The
**SCHOOL OF ARCHITECTURE AND PLANNING
BABU BANARASI DAS UNIVERSITY
LUCKNOW.**

SCHOOL OF ARCHITECTURE AND PLANNING
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I hereby recommend that the thesis, entitled “**RETRO STYLE APARTMENT , RAEBARELI ROAD ,LUCKNOW**”, prepared by under supervision, is the bonafide work of the student and can be accepted as a partial fulfilment for the award of Bachelors Degree in (Interior Design) School of Architecture BBDU, Lucknow.

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It would not have been possible without my

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MY SENIOR- AR. FARAZ SHAFIQ

Though words hardly express the true emotions, still I would like to thank all my near and dear ones who helped and guided me.

FAIZA AFROZ ANSARI

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SYNOPSIS

INTRODUCTION

ABOUT APARTMENT

- The term "APARTMENT" can be generically applied to any residential unit inside a building. The building can be a house, townhouse, large residential building, and even condominium high-rise where owners sublet their units. Generally, what sets apartments apart from the rest is that they are rented units and not owned.
- The term apartment is favored in North America (although in some cities flat is used for a unit which is part of a house containing two or three units, typically one to a floor). In the UK, the term apartment is more usual in professional real estate and architectural circles where otherwise the term flat is used commonly, but not exclusively, for an apartment on a single level (hence a 'flat' apartment).

Types and characteristics

1. Studio Apartment

The smallest self-contained apartments are referred to as studio, usually consist of a large single main room which acts as the living room, dining room and bedroom combined and usually also includes kitchen facilities, with a separate bathroom.

2. Garden Apartment

The apartment buildings are often arranged around courtyards that are open at one end, each apartment has its own building entrance, or shares that entrance via a staircase and lobby that adjoins other units immediately above and/or below it.

3. Basement Apartment

Generally on the lowest (below ground) floor of a building.

4. Salon Apartment

Apartments built as part of multi-family houses, The structure of the apartments included centrally located anteroom with a combined function of the dining room and one or more salon areas.

5. Maisonette

a part of a residential building which is occupied separately, usually on more than one floor and having its own outside entrance." Their distinctive feature is their use of two separate front doors onto the street, each door leading to a single flat.[15] "Maisonette" could also stretch to cottage flats.

6. Loft Apartment

This type of apartment developed in North America during the middle of the 20th century. These large apartments found favor with artists and musicians wanting accommodation in large cities. An industrial, warehouse, or commercial space converted to an apartment is commonly called a loft.

7. Penthouse

An apartment located on the top floor of a high-rise apartment building.

8. Communal Apartment

. A typical arrangement is a cluster of five or so room-apartments with a common kitchen and bathroom and separate front doors, occupying a floor in a pre-Revolutionary mansion.



ABOUT RETRO STYLE

- The English word retro derives from the Latin prefix retro, meaning backwards, or in past times
- The retro interior design style is the brightness, cheerful mood, and originality at first. The most notable design ideas in the middle of the XX are reflected in the interiors decorated in retro style.

What is Retro Style?

The characteristic features of retro interior design in the interior design of the apartments and other premises:

- Orientation to the fashion trends of 50-70s years of XX century;
- The use of synthetic materials (plastics, synthetic fabrics, PVC, etc.);
- Bright colors;
- Vintage decorative elements (decorative vinyl records, old-fashioned textile, lamps, and vases of the last century);
- Furniture of unusual shape;
- The tendency for styling and abstract forms
- Retro style in interior design is bizarre forms and combinations of colors and textures, brightness and originality

HISTORY AND BACKGROUND

HISTORY OF APARTMENT

The word apartment comes from the French word “appartement” The word was derived from the Italian version of the word, “appartamento” with the root part of the word “appartare” meaning “to separate. The word itself can be traced back to the early 1800’s and although the apartment designs differed, they always seemed to have the basic room assembly, and building construction similar to what we see today.

Ancient Rome

In the great cities of the Roman Empire, houses were reserved only for the very wealthy. Apartments back then were called “insulas” which translates to “island”. These rough and tumble places were called insulas because they were usually surrounded by roadways and set way out in the country, away from the aristocrats in the larger cities (thus the name insula, or island). History tells us that these insulas could be very dangerous places. Fires would breakout regularly (mostly from folks trying to stay warm), or these ancient structures, sometimes would simply collapse. Therefore, builders were only allowed to construct these buildings, or structures just 5 to 6 stories in height



The Stuyvesant

Although multiple unit ‘tenements’ were being constructed in New York City as far back as the 1830’s, these were not usually considered true “apartments” mainly because the units did not include a private bathroom. These tenements were usually poorly lit and lacked proper ventilation. New York City’s first “true” apartment building, The Stuyvesant, was built in 1869 and was located at 142 East 18th Street. The building was designed by famed architect Richard Morris Hunt and is generally regarded as the first luxury apartment building in New York. Rent for this fancy establishment ranged between 1,000 and 1,800 a year



HISTORY OF RETRO STYLE

- Retro is a style of 50s fun, colorful 60s, and bright 70s. This mixture of hipsters’ fashion with their beautiful clothes and special charm, colorful hippie dresses with floral theme and rainbow prints, and bright explosive disco with acid colors and diversity.
- Retro style in the interior implies a focus on the past, a reference to tradition and fashion trends of the last century: flower graphics, chrome chevrons, synthetic mats, shiny patent leather, posters movies heroes of those years, the original furniture, and the rejection of all the boring and mundane
- The 50s introduced chrome handles on cabinets, table legs, and chairs, upholstery chairs artificial shiny leather, color combinations of red, yellow, pink, black, and turquoise in this fashion style.
- In the 60s the hippie movement (flowers, symbols of peace, rainbow) was topical. A little more restrained colors and geometric patterns (along with floral motifs) were all the rage of that time.
- The 70s – Disco era: former shades were expanded by gold, blue and bright green; brilliance, brightness, fun – here’s how you can describe the mood of the period. Large low sofas, bar stools, and cabinets, sideboards, coffee tables, ottomans were in fashion.

NEED OF TOPIC

- What goes around, comes around—at least when it comes to home design. On the one hand, some seasonal motifs never die. Every fall plaid makes a comeback, and spring is never not florals galore (groundbreaking, I know). But even beyond that, there are some trends that really do resurrect themselves.
- And it’s crazy, because this process tends to happen in a flash and is far-reaching, from high-end to mass market, which always make me think there’s some secret meeting where the design world gets together and votes on what to bring back. In a way, though, I guess that is sort of what happens at trade shows. If buyers see a bunch of companies coming out with similar things, they hone in on that as a trend, and then it’s all we see in stores. So I thought it would be fun to poll a few designers and study a few look books to see what vintage trends might make their way to the forefront again in 2019. These six are definitely on my radar.

REASON FOR TAKING UP THE TOPIC

Interest toward the project, and for me this project is full of challenges and creativity in concern of spaces. So , I want to accept this challenge to leave out my fear and for my upcoming career in tis field.

AIMS AND OBJECTIVE

- To understand in detail, the following of in terms of requirements, functional and aesthetical , And all other necessary items that goes such into a designs, thus to achieve a functional system.
- To take into a account aspect of phasing and the future growth of the project.
- To develop on the whole a practical possible solution Which seriously takes into consideration the site constrain of futures .
- To develop the site plan along with the other set of required drawing to cater the need of the project.
- The ultimate aim is to attain unique design with all the knowledge \$ skills that is learned throughout learning and the final design should be free from all design problems

SCOPE

- Interior designing is just not decoration; it is to make your place feel alive. Time progressed, but some old trends and style from the past yet retain their grace. And a Retro look owns its place.
- some cool and bold patterns with unique colors adding visual appeal to your walls. Either you can opt for vinyl wall decoration of multiple lawyers with a plastic topping or use retro vintage wallpapers with timeless designs.

- **WALL ART:**

Retro home décor encompasses a wide range of mid-century style and elements. With bright color, unusual ideas, and a complete sense of flair, retro home styling adds a unique touch to your drawing area.

- **FURNITURE:**

Retro furniture comes in a wide range of patterns, materials, colors with an appeal of that era counterbalancing each other.

- **FLOORING**

To get a desired retro look, you can either go for a wooden floor or a bold mix of vinyl tiles .And to give an extra touch, you can go for door beads and lava lamps.

- **LIGHTING**

When you are done with deciding on the accents and accessories, bright up the decor with brilliant lamps and lights with tasseled or square shades, adding life to your drawing space.

RETRO STYLE APARTMENT



SITE ANALYSIS

INTRODUCTION

ABOUT APARTMENT



An apartment or flat is a place to live that is only part of a larger building. Usually it is a group of rooms on one floor of a high rise building in a city, where land is too expensive for people to have separate houses. There is typically one owner or management company for all the units who does all the maintenance and upkeep.

SITE OVERVIEW

In this project, I took a site of an apartment located in Lucknow, Uttar Pradesh. Name- ROYAL ESTATE APARTMENT. I came up with the ideas to design the apartment in retro style. I am taking 2BHK and 3BHK for my thesis project.



INTRODUCTION ABOUT LUCKNOW



LUCKNOW is the capital city of the Indian state of Uttar Pradesh, sits on the northwestern shore of the Gomti River. The city stands at an elevation of approximately 123 metres (404 ft) above sea level. This city was located in the Awadh region and was popularly referred to as the city of the Nawabs.

SITE ACCESSIBILITY

AMAUSI AIRPORT	10 KM
CHARBAGH RAILWAY STATION	11 KM
MEDANTA HOSPITAL	5.9 KM
PHOENIX PALASSIO	11 KM
BANK	4.6 KM

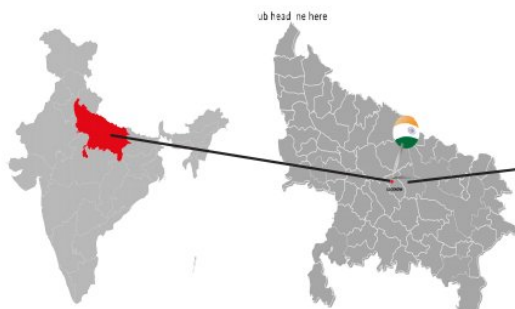
SITE LOCATION

BUILDING NAME - ROYAL ESTATE APARTMENT

DEVELOPED BY MINARATES BUILDERS

LOCATION- RAIBARELI ROAD , LUCKNOW

SITE AREA - 1.14 ACRES



SITE PLAN

Site area - 1.14 acres

Main Entrance 10 m wide along with 15m wide road

Connecting all others road 9m wide inside the site

Tower height 31 m

Front setback 12m

Side setback 6m

Towers 2

Floors 10

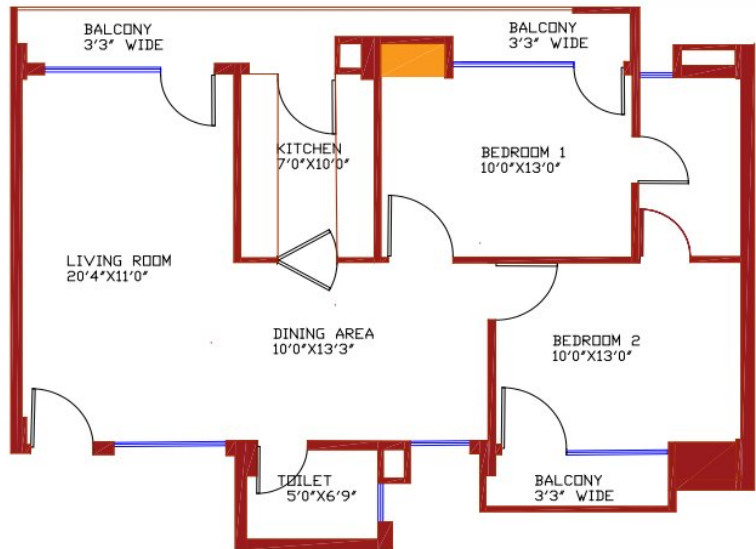
2 BHK 32

3 BHK 48

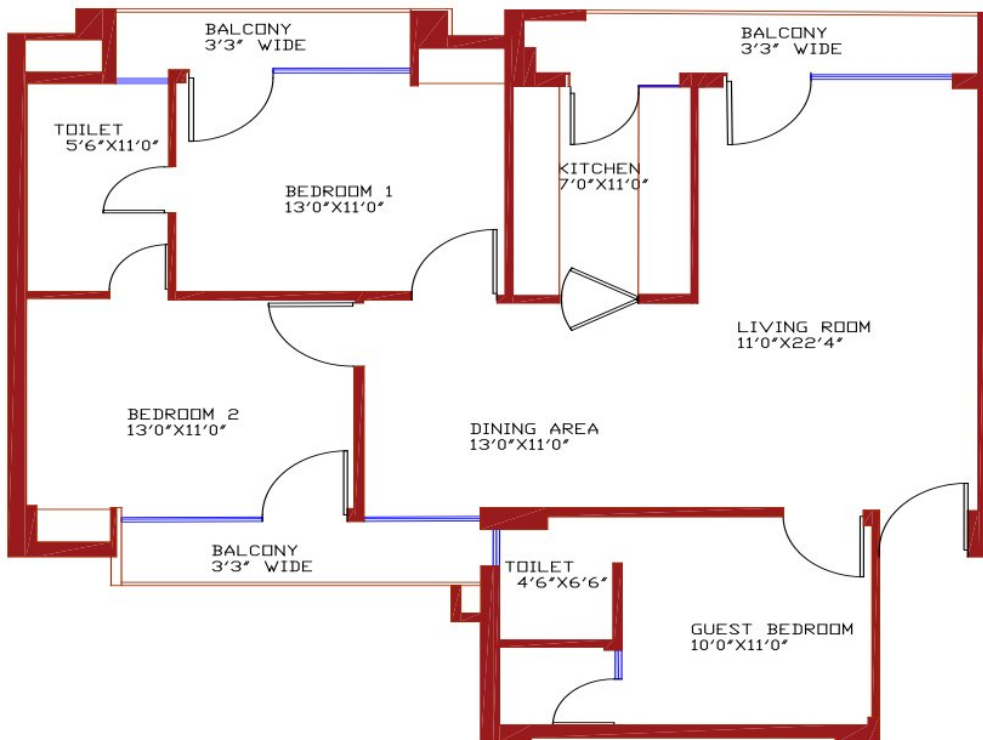
TOTAL AREA - 4613.5 SQ/M
60% OPEN AREA
TOTAL BUILT UP AREA - 2768.1 SQ/M
AREA USED IN MY DESIGN- 1384 SQ/M



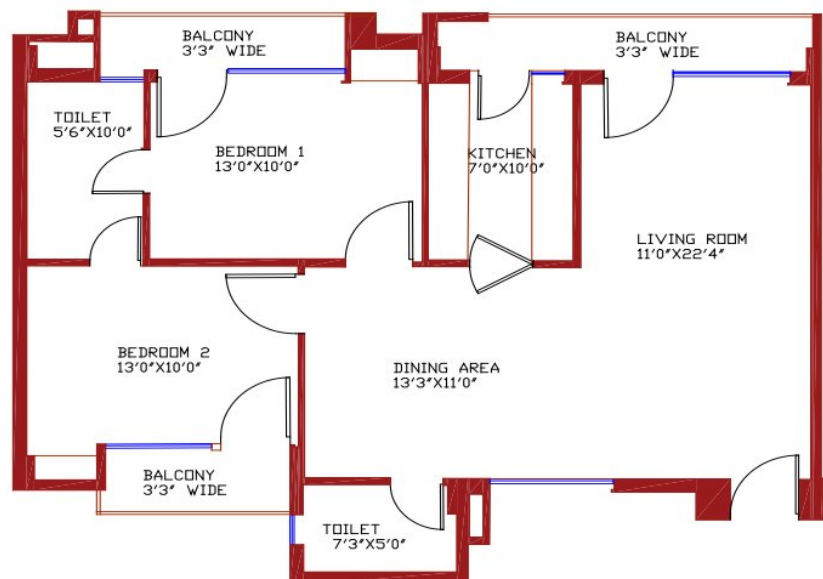
2 BHK
Type 2 C



3 BHK



2 BHK
Type 2 B



CLIMATE DATA

Lucknow lies within a composite climate zone , having four main seasons: the summer, which is hot and fairly dry ; the monsoon which is lees hot but humid;the period of moderate temperature and humid; and the slightly cold winter period. the climate data for last twenty years, publised by the central building reasearch institute , roorke, is summarized below (CBRI,1989).

Quick Climate Info

Hottest Month	June (33 °C avg)
Coldest Month	January (15 °C avg)
Wettest Month	July (194.7 mm avg)
Windiest Month	June (9 km/h avg)
Annual precip.	670.3 mm (per year)

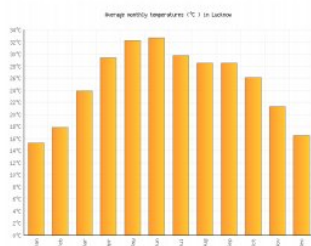
WEATHER BY MONTH // WEATHER AVERAGES LUCKNOW

	January	February	March	April	May	June	July	August	September	October	November	December
Avg. Temperature °C (°F)	14.9 °C (58.9) °F	18.6 °C (65.4) °F	24.3 °C (75.7) °F	30.3 °C (86.6) °F	32.8 °C (91.1) °F	32.3 °C (90.2) °F	29 °C (84.1) °F	28.4 °C (83.1) °F	27.7 °C (81.8) °F	25.5 °C (77.9) °F	21.2 °C (70.1) °F	16.4 °C (61.6) °F
Min. Temperature °C (°F)	9.1 °C (48.3) °F	12.2 °C (54) °F	16.9 °C (62.4) °F	22.6 °C (72.6) °F	26.1 °C (78.9) °F	27.5 °C (81.5) °F	26.2 °C (79.2) °F	25.8 °C (78.4) °F	24.5 °C (76.2) °F	20 °C (68) °F	14.9 °C (58.8) °F	10.3 °C (50.6) °F
Max. Temperature °C (°F)	21.3 °C (70.3) °F	25.2 °C (77.4) °F	31.5 °C (88.8) °F	37.7 °C (99.9) °F	39.2 °C (102.6) °F	37.1 °C (98.9) °F	32.3 °C (90.2) °F	31.7 °C (89) °F	31.4 °C (88.5) °F	31.1 °C (88) °F	27.7 °C (81.9) °F	23.1 °C (73.5) °F
Precipitation / Rainfall mm (in)	19 (0)	25 (0)	14 (0)	9 (0)	17 (0)	129 (5)	310 (12)	265 (10)	165 (6)	34 (1)	2 (0)	10 (0)
Humidity(%)	67%	60%	44%	30%	38%	54%	79%	82%	80%	66%	58%	64%
Rainy days (d)	2	2	2	2	3	8	18	18	13	2	0	1
avg. Sun hours (hours)	8.4	9.6	10.6	11.5	11.9	10.7	8.4	8.0	8.4	9.6	9.6	9.0

AVERAGE TEMPERATURE

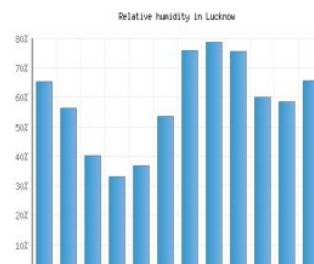
The **hottest** month of the year in Lucknow is **June**, with an average high of 100°F and low of 81°F.

The **coldest** month of the year in Lucknow is **January**, with an average low of 48°F and high of 71°F.



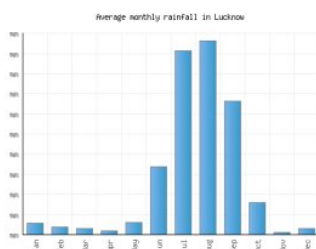
RELATIVE HUMIDITY

The relative humidity during summer can be less than 25%, during the most humid months, the relative humidity is in the range of 78% to 82%.



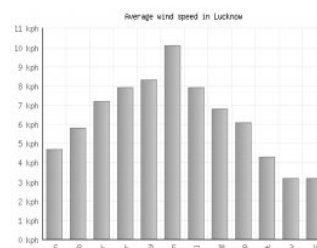
RAINFALL

Rainfall starts with the arrival of the monsoon season in the middle of the **June**. regular rain continue up to mid **september** . the total annual rainfall is 940mm.



WIND SPEED

the wind speed is in the range of 8 to 10 km/ hour from **May** to **September** the predominant wind direction is east.





CASE STUDY 1

SAFDURJUNG RESIDENCE

LOCATION - A1/240, SAFDARJUNG ENCLAVE,
NEWDELHI, INDIA

AREA- 800SQ/M

ARCHITECT- AKDA (Amit khanna design associate)

DESIGN TEAM- AMIT KHANNA, ANITA MISRA,
KRISHNA YADAV

YEAR- 2021

ABOUT SAFDURJUNG

Safdarjung area consists of mainly two localities in South Delhi, namely Safdarjung Enclave and Safdarjung Development Area (SDA Safdarjung Enclave, developed by the Delhi Lease and Finance later DLF Limited after acquiring the farm lands from Humayunpur Village in the early 1960s under then Prime Minister Pandit Jawahar Lal Nehru is located just south of the Ring Road and north of the Hauz Khas Deer Park. South of Hauz Khas village is Safdarjung Development Area (SDA), built in the 1960s as an extension towards south. Both colonies are primarily residential.

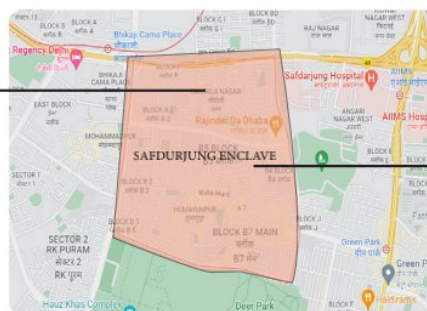
CLIMATE

- Humid sub tropical climate.
- average temperature ranges from 19- 32 depending on the weather
- summer are hot, winters are quite cold , with moist amount of rain during monsoon

WEATHER BY MONTH // WEATHER AVERAGES NEW DELHI

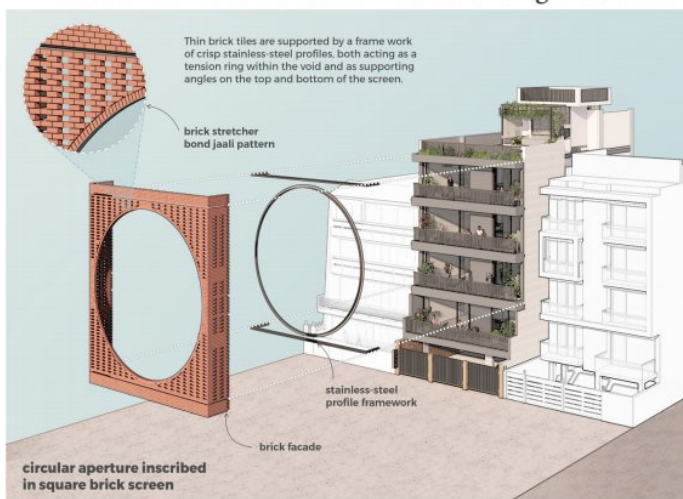
	January	February	March	April	May	June	July	August	September	October	November	December
Avg. Temperature °C (°F)	11.5 °C (52.7 °F)	15.9 °C (60.6 °F)	22.3 °C (72.1 °F)	28.2 °C (82.8 °F)	32.7 °C (90.9 °F)	36.7 °C (98.1 °F)	38.7 °C (101.7 °F)	37.4 °C (99.3 °F)	32.8 °C (91.0 °F)	26.4 °C (79.5 °F)	19.9 °C (67.8 °F)	13.4 °C (56.1 °F)
Min. Temperature °C (°F)	7.7 °C (45.9 °F)	10.6 °C (51.1 °F)	16.2 °C (61.2 °F)	21.1 °C (70.0 °F)	25.3 °C (77.5 °F)	27.6 °C (81.7 °F)	26.4 °C (79.5 °F)	23.9 °C (75.0 °F)	18.2 °C (64.8 °F)	14.2 °C (57.6 °F)	9.3 °C (48.7 °F)	5.3 °C (41.5 °F)
Max. Temperature °C (°F)	16.0 °C (60.8 °F)	21.5 °C (70.7 °F)	28.6 °C (83.5 °F)	36.7 °C (98.1 °F)	38.2 °C (100.8 °F)	39.7 °C (103.5 °F)	39.3 °C (102.7 °F)	34.2 °C (93.6 °F)	26.8 °C (80.2 °F)	21.4 °C (70.5 °F)	15.2 °C (59.4 °F)	10.2 °C (50.4 °F)
Precipitation / Rainfall mm (in)	23 (0.9)	33 (1.3)	20 (0.8)	14 (0.6)	20 (0.8)	74 (2.9)	206 (8.1)	183 (7.2)	59 (2.3)	13 (0.5)	5 (0.2)	8 (0.3)
Humidity(%)	67%	60%	47%	29%	32%	46%	71%	77%	71%	50%	34%	31%
Rainy days (d)	2	3	3	3	4	7	15	15	8	2	1	1
avg. Sun hours (hours)	6.2	6.4	10.6	11.5	12.1	11.8	9.5	9.0	9.3	10.1	9.6	8.8

SITE LOCATION



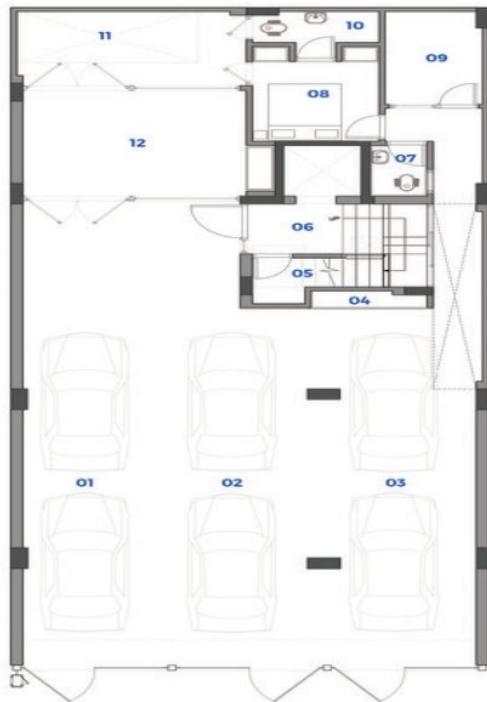
STRIKING EXTERIOR

- This building's defining feature is its facade that constitutes a square brick screen within which a massive circular opening has been carved out, the inspiration for the design stemming from architect Louis Kahn's work. "The work of Louis Kahn left an indelible imprint on the architecture of the Indian subcontinent," says Amit Khanna, founder of AKDA. "His sombre, monolithic forms in the Indian Institute of Management at Ahmedabad and the Bangladesh Assembly at Dhaka, combined with the robust strength of local materials to evoke a mystical, yet calm monumentality. Crucial to his form-making was the act of puncturing seemingly vast brick and concrete walls with soaring geometric voids, creating dramatic shadows as the harsh Indian sun made its way through the sky. These voids were often circular; vast arches that were pure in their conceptualisation and inch perfect in their execution, a testament to the genius of Indian craftsmanship. This building, therefore, is an ode to Kahn and his idea of how a building should be.



- The screen is positioned at a certain height above the ground and covers the upper three storeys. Speaking about its structure, he says, "On the facade, thin brick tiles are supported by a framework of crisp stainless-steel profiles.
- The exposed side and rear walls are finished in an exposed grit wash set in white cement plaster.





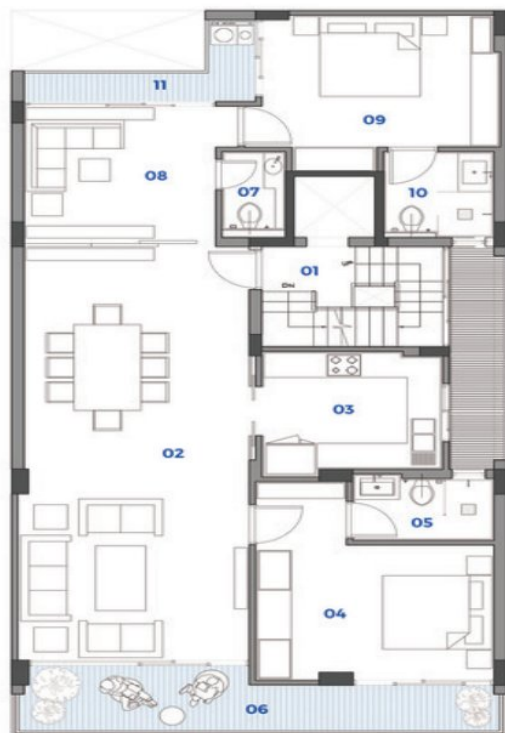
STILT PARKING

- | | |
|--------------------|-------------------|
| 1. Owner's Parking | 7. Staaf toilet |
| 2. Tenants Parking | 8. Staaf Quarter |
| 3. Tenants Parking | 9. Store room |
| 4. Electrical room | 10. Staaf toilet |
| 5. Store room | 11. Cut out above |
| 6. Common lobby | 12. Meeting room |



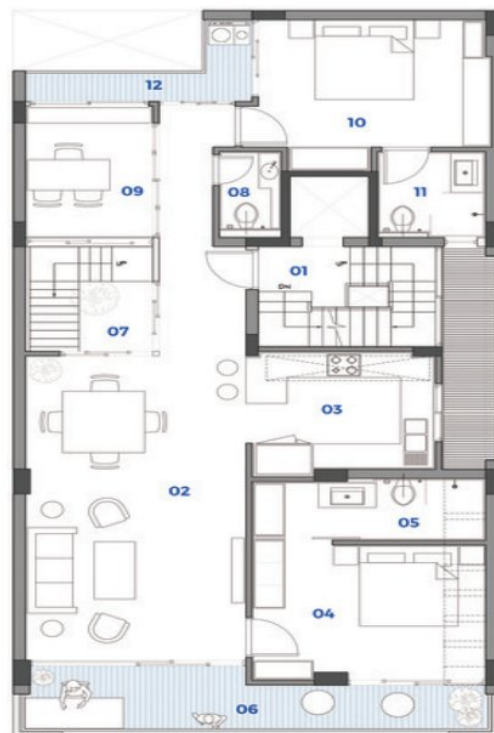
GROUND FLOOR PLAN

- | | |
|--------------------|------------------|
| 1. Common Lobby | 7. Balcony |
| 2. Living / Dining | 8. Powder toilet |
| 3. Kitchen | 9. Puja room |
| 4. Study | 10. Bedroom |
| 5. Master Bedroom | 11. Bathroom |
| 6. Master Bathroom | 12. Balcony |



TYPICAL FLOOR PLAN

- | | |
|--------------------|----------------|
| 1. Common Lobby | 7. Balcony |
| 2. Living / Dining | 8. Den / Study |
| 3. Kitchen | 9. Bedroom |
| 4. Study | 10. Bathroom |
| 5. Master Bedroom | 11. Balcony |
| 6. Master Bathroom | |



THIRD FLOOR PLAN

- | | |
|--------------------|------------------|
| 1. Common Lobby | 7. Courtyard |
| 2. Living / Dining | 8. Powder toilet |
| 3. Kitchen | 9. Study |
| 4. Master Bedroom | 10. Bedroom |
| 5. Master Bathroom | 11. Bathroom |
| 6. Balcony | 12. Balcony |

ELEVATION



INTERNAL LAYOUT

In terms of the internal layout, the bedrooms, bathrooms, kitchen, staircase block and the elevator occupy one half of the apartment and the other longitudinal half is taken over by the combined living and dining area along with the study room/den. Natural light streams in from the openings on the front and rear elevation. However, on the upper floor, one sees light seeping inside through a small open-to-sky area as well which has been introduced in between the dining area and the study

THIRD FLOOR PLAN



INTERIORS

KITCHEN

The open kitchen features a stainless-steel counter and the blue handmade tiles that are used for the backsplash add a contrasting tone to the otherwise fairly muted colour palette of this space.

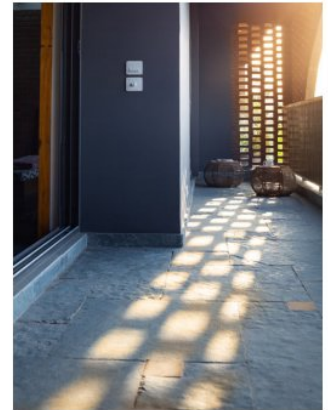


LIVING AND DINING

In living and dining, Walls formed of exposed brick are complemented by board-formed concrete ceilings and locally sourced Kota stone floor slabs. The living areas open so light can pour in through large openings at either end.



BALCONY



MASTER BEDROOM

The master bedroom (on the top floor) overlooks the street. A cut-out has been designed in the ceiling which continues into the bathroom, bringing in natural light during the day.



COURTYARD

- Open-air courtyard is incorporated into the floor plan.
- Mustard-yellow Jaisalmer stone provides a pop of colour in the courtyard.
- Quartzite stone cladding done on wall.
- This space is graced with built-in seating



STUDY

Study room consist of Accent brick wall and textured concrete wall incorporated with open shelves structure consist of iron frame and wooden planks,



MATERIAL

- exposed brick walls and board-formed concrete ceiling, the two materials—brick and concrete—imparting a raw aesthetic charm to the interiors.
- Stainless-steel counter.
- Kota paving slabs cover the flooring.
- Blue handmade tiles
- Aluminium windows with double glazing.



LIGHTING

- LED lighting is adopted for the building.
- Sensors are fitted in the washrooms, and they automatically control the lights based on movement and ambient light conditions.
- Hanging lamps are also used in some of the areas.



INFERENCE

- Natural light streams in from the openings on the front.
- Inspired from Kahn's work to design an imposing brick screen façade—this building's most prominent feature.
- The architectural language used in this apartment building strives to recreate a much needed sense of calm within the urban cacophony.
- The project illustrates an evolving understanding about the durability of materials in our harsh climate.



CASE STUDY - 2

NATURA BY 10AK

LOCATION :

SUSHANT GOLF CITY, GH-1, POCKET 7, SECTOR C , HI-TECH TOWNSHIP, UPPER SHAHEED PATH, LUCKNOW

PROJECT AREA: 4 ACRES

PROJECT SIZE: 3 BUILDING

SITE OVERVIEW

Located in the heart of Lucknow, in Sushant Golf City. The township is sprawled over 4 acres of land and consists of 3 Towers named Maple, Willow and Olive. The construction of the towers is of 14 floors and it total comprise of 272 palatial units offering an opulent lifestyle to privileged families at upper Shaheed Path. It has 80% Open space comprising of world class apartment and penthouse. This gives you a blissfully enriching experience with its state of art architecture and interior with a touch of premium elegance at every corner, it aptly caters to the esthetic craving of the resident. The project offers apartment with perfect combination of modern architecture and features to provide comfortable living.

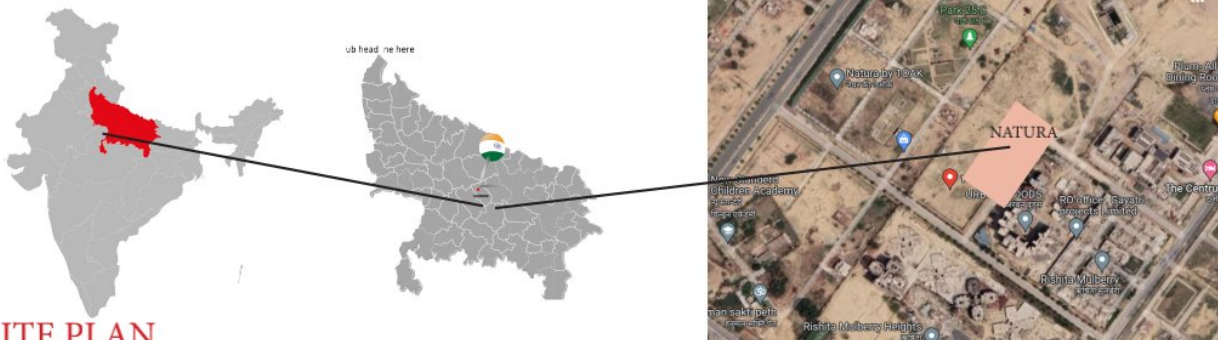
CLIMATE

- Lucknow lies within a composite climate zone, having four main seasons: the summer, which is hot and fairly dry; the monsoon which is less hot but humid; the period of moderate temperature and humid; and the slightly cold winter period.
- The hottest month of the year in Lucknow is June, with an average high of 100°F and low of 81°F.
- The coldest month of the year in Lucknow is January, with an average low of 48°F and high of 71°F.
- Rainfall starts with the arrival of the monsoon season in the middle of the June. regular rain continues up to mid September. the total annual rainfall is 940mm.

WEATHER BY MONTH // WEATHER AVERAGES LUCKNOW

	January	February	March	April	May	June	July	August	September	October	November	December
Avg. Temperature °C (°F)	14.9 °C (58.8 °F)	18.6 °C (65.5 °F)	24.3 °C (75.7 °F)	30.3 °C (86.6 °F)	32.8 °C (91.1 °F)	32.3 °C (90.2 °F)	29 °C (84.1 °F)	28.4 °C (83.1 °F)	27.7 °C (81.9 °F)	25.5 °C (77.9 °F)	21.2 °C (70.1 °F)	16.4 °C (61.6 °F)
Min. Temperature °C (°F)	9.1 °C (48.3 °F)	12.2 °C (54 °F)	16.9 °C (62.4 °F)	22.6 °C (72.6 °F)	26.1 °C (78.9 °F)	27.5 °C (81.5 °F)	26.2 °C (79.2 °F)	25.8 °C (78.4 °F)	24.5 °C (76.2 °F)	20 °C (68 °F)	14.9 °C (58.8 °F)	10.3 °C (50.6 °F)
Max. Temperature °C (°F)	21.3 °C (70.3 °F)	25.2 °C (77.4 °F)	31.5 °C (88.6 °F)	37.7 °C (99.9 °F)	39.2 °C (102.6 °F)	37.1 °C (98.8 °F)	32.3 °C (90.2 °F)	31.7 °C (89 °F)	31.4 °C (88.5 °F)	31.1 °C (88 °F)	27.7 °C (81.9 °F)	23.1 °C (73.5 °F)
Precipitation / Rainfall mm (in)	19 (0.75)	25 (0.98)	14 (0.55)	9 (0.35)	17 (0.67)	129 (5.08)	310 (12.2)	265 (10.43)	165 (6.5)	34 (1.34)	2 (0.08)	10 (0.39)
Humidity (%)	67%	60%	44%	30%	38%	54%	79%	82%	80%	66%	58%	64%
Rainy days (d)	2	2	2	2	3	8	13	13	13	2	0	1
avg. Sun hours (hours)	8.4	9.6	10.6	11.5	11.9	10.7	8.4	8.0	8.4	9.6	9.6	9.0

SITE LOCATION

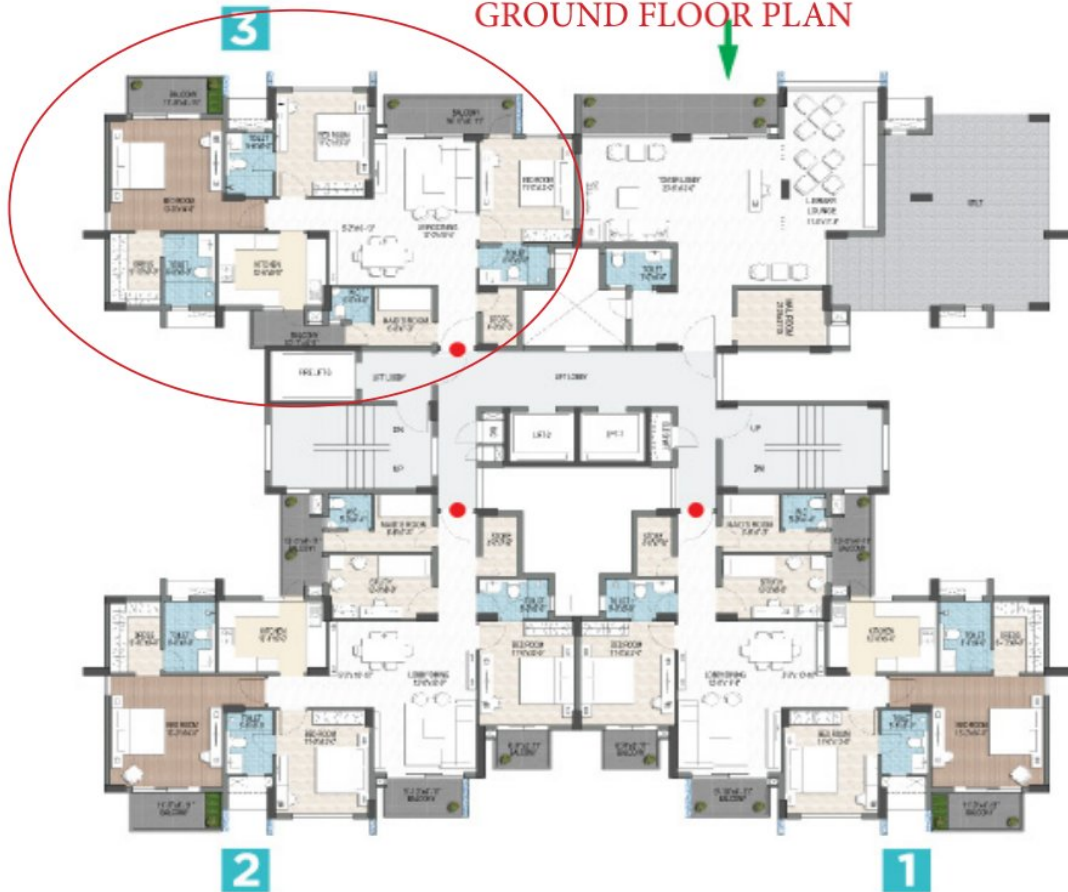


SITE PLAN



- | | | | |
|--------------------|-------------------------|---------------------------|-----------------------|
| 1. Entry Court | 8. Surprise fountain | 15. Cricket Practice Area | 22. Gazebo |
| 2. Water Features | 9. Free Stepped Seating | 16. Badminton Court | 23. Sit Out Corner |
| 3. Apartment Entry | 10. Kids's Play Area | 17. Sculpture | 24. Herb Garden |
| 4. Club Entry | 11. Adult Gym | 18. Garden | 25. Central Greens |
| 5. Parking | 12. Swimming Pool | 19. Green Roof Over Club | 26. Gardens And Green |
| 6. Driveway | 13. Pergola | 20. Kids Splash Pool | |
| 7. Pathway | 14. Landscape Court | 21. Pool Deck | |

GROUND FLOOR PLAN



AREA

CARPET AREA : 1,295SQFT

BUILTUP AREA:1878.80 SQFT

BALCONY:176.2 SQF

SALEABLE AREA:2055SQFTW

CONCEPT

- The design in the interior of apartment is based on modern interior design, in which the approach to design was to create modern homes that offered both functionality and simplicity.
- modern design is characterised by monochromatic palette, clean lines ,natural lights etc.

3BHK FLOOR PLAN



INTERIOR

KITCHEN

This classy modern kitchen with the colour palette of grey and green has hardware-free modern cabinets, with mix of open and covered cabinete and speckled granite counter-tops to which add a gorgeous touch of drama. Slick bar stools and wooden flooring tie in well with the colour palette in this modern kitchen.



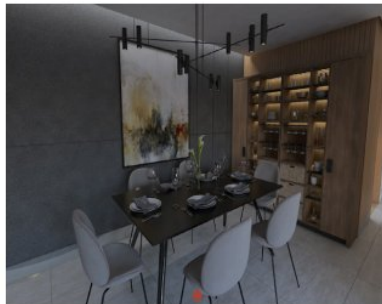
LIVING AREA



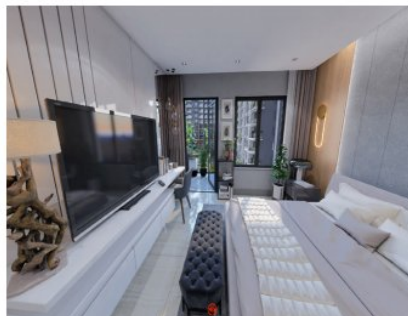
- Clean lines, minimal furnishings, and a simple color scheme that coordinates beautifully with the great outdoors makes this space welcoming.
- Low-profile furniture with round center table, sets the inviting tone in the leaving area.

DINING AREA

- A minimal dining table set up with modern lamps is a great way to keep your dining area simple and clean.
- A crockery unit in the corner make this small space rather interesting.
- A six seater table against a monochrome wall in grey with some art makes this area a delight.



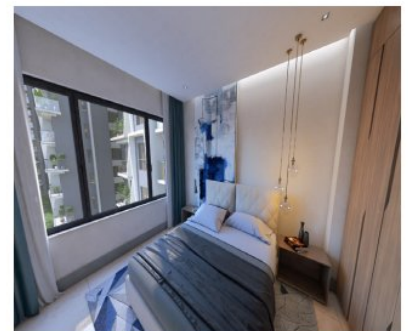
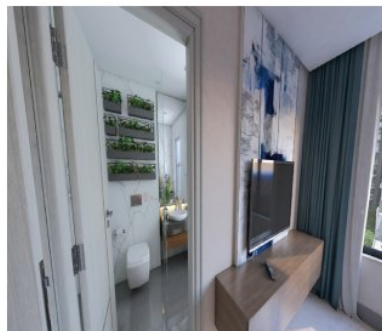
BEDROOM 1



- The classic color combination of light and dark and the wood used in the wadrobe here adds just the right amount of elegance and sophistication.
- A seamless textured wall add a sense of depth and elegance to the space while also giving it a layered and dramatic look.

BEDROOM 2

- The bedroom with tufted upholstered headboard in the bed, curtains, and carpeting lend the room a cozy and peaceful.
- The well-cushioned bed by the window bring an air of relaxation into the room.
- The bedside hanging lamp with yellow light looks fabulous against the white-painted walls. The abstract wall art blends in well with the interiors of the bedroom.



BALCONY

- A plant in the corner make this small space more interesting.
- A woven chair has been placed in the center of the balcony.
- Different shades of green have been used in the balcony decor.



WASHROOM

- Use of hanging pots in the washroom.
- sleek vanity units and chic dispensers and storage.
- large mirror
- Accessorize with a few artificial plants.



MATERIAL

- Wooden flooring in masterbedroom
- use of granite on the kitchen platform
- ceramic wall tiles in kitchen and washroom
- vetrified tile in other area of house
- use of wooden planks on the wall of living area



INFERENCE

- Use of monochromatic colour paltte
- palce of furniture in such way that it colud not disturb the circulation space .
- use of low height furniture .
- use of light fittings from large chandeliers and hanging lamps to create comfort.
- Approach to design was to create modern homes that offered both functionality and simplicity.



LITRATURE STUDY -1

KING HOUSE APARTMENT

LOCATION -BANGLORE , INDIA

ARCHITECT-THE PURPLE INK STUDIO

SITE AREA- 3000 SQ/M

PROJECT AREA- 10,000 SQ/M

RESIDENCE AREA- 1,000 - 2,000 SQ/M

SITE CONTEXT

- The clients brief saw a potential for limited 'Sky Villas' where the architecture would re-interpret new levels of luxury in living. The built form also had to capture the richness of its vibrant and significant urban context of the city.
- The design challenge was to capitalize on the potential of the 30,000 Sqft site without compromising on the existing green cover and minimizing the ecological footprint of the structure.

CLIMATE

Bangalore has a tropical savanna climate with distinct wet and dry seasons. Due to its high elevation, Bangalore usually enjoys a more moderate climate throughout the year, although occasional heat waves can make summer somewhat uncomfortable.

The coolest month is January with an average low temperature of 15.1°C and the hottest month is April with an average high temperature of 35 °C.

Bangalore receives rainfall from both the northeast and the south-west monsoons and the wettest months are September, October and August, in that order.

WEATHER BY MONTH // WEATHER AVERAGES BENGALURU

	January	February	March	April	May	June	July	August	September	October	November	December
Avg. Temperature °C (°F)	20.7 °C (69.3) °F	22.8 °C (73) °F	25.4 °C (77.8) °F	26.6 °C (80) °F	25.5 °C (77.9) °F	23.2 °C (73.8) °F	22.4 °C (72.3) °F	22.2 °C (71.9) °F	22.4 °C (72.3) °F	22 °C (71.6) °F	20.9 °C (69.7) °F	20.1 °C (68.2) °F
Min. Temperature °C (°F)	14.6 °C (58.4) °F	15.1 °C (59.2) °F	18.7 °C (65.6) °F	20.8 °C (69.4) °F	21 °C (69.8) °F	20.2 °C (68.3) °F	19.8 °C (67.6) °F	19.4 °C (66.9) °F	18 °C (64.4) °F	18.4 °C (65.1) °F	16.7 °C (62) °F	15.1 °C (59.2) °F
Max. Temperature °C (°F)	27.4 °C (81.2) °F	25.6 °C (78.1) °F	32.1 °C (89.8) °F	32.8 °C (91.1) °F	31.2 °C (88.2) °F	27.5 °C (81.5) °F	26.4 °C (79.5) °F	26.1 °C (79) °F	26.7 °C (80) °F	26.4 °C (79.6) °F	25.7 °C (78.3) °F	25.8 °C (78.4) °F
Precipitation / Rainfall mm (in)	4 (0.2)	7 (0.3)	16 (0.6)	45 (1.8)	131 (5.2)	126 (5)	134 (5.3)	137 (5.4)	125 (4.9)	147 (5.8)	65 (2.6)	23 (0.9)
Humidity (%)	56%	46%	41%	51%	65%	76%	78%	79%	78%	78%	72%	65%
Rainy days (d)	1	1	2	5	11	14	15	15	12	13	7	3
avg. Sun hours (hours)	8.5	9.8	10.4	10.6	9.5	6.8	6.1	5.7	6.4	7.2	7.1	7.5

SITE LOCATION

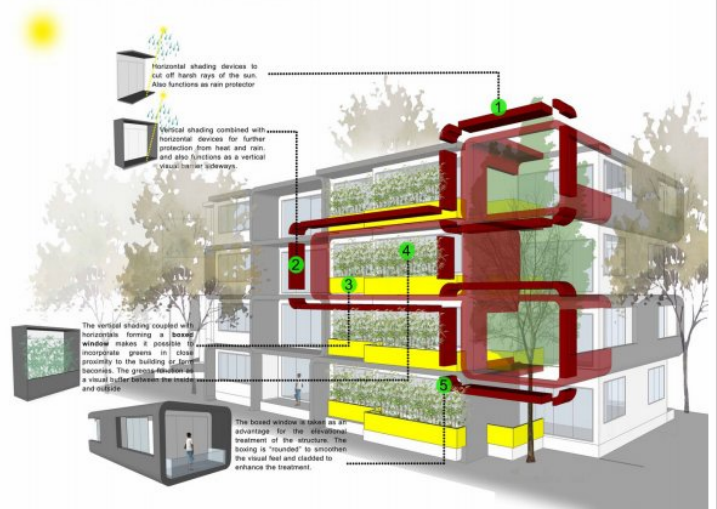


EXTERIOR

To optimize the cooling effect the building mass and window openings were shaped and sized to best capture the breezes based on computer generated simulation the vertical shading devices are combined with horizontals to cut off harsh rays of the sun. this functions as a rain protector and also multiplies as a visual barrier sideways.

The building thus functions as a selective environmental filter, enhancing the best component of the regional climate to address heating, cooling and ventilation need of the structure.

Facade generation - responsive to climatology and function



two blocks were planned to house one apartment on each side per floor that would emerge from sunken garden and blend into the peripheral greens amidst the site. To compensate on the loss of lower vegetation from the site during the construction, every floor plate extends into greens and balconies generating great diversity within the site context.

SITE PLAN



CONCEPT

The concept of the building focuses on green factor of design and use of sustainable materials, the aesthetic character of the building is far from being compromised. the ecological elements are conscientiously woven together with the luxury requirement of the project that conclusively expresses a contemporary response.



- The design expressed here is spread over an area of 20,00 sq/m layered in two floors and is designed more like a Holiday home. The clients brief saw a potential for signature 'Sky Residences' where the architecture would re-interpret new levels of luxury in living.
- The two floors are functioned for different purposes and are connected internally through a private elevator. The lower floor is designed as a social space consisting of entertainment zones and the upper floor is treated as a personal/family space. The overall concept for the home on both the levels is a fresh and contemporary design approach.

SPACES IN LOWER FLOOR PLAN

1. Entrance Lobby 2. Sculpture Court 3. Pool Table 4. Wine Celler 5. Master Bedroom 1 6. Formal Dining 7. Formal Living

ENTRANCE LOBBY

The entrance lobby at the lower floor has a seating that is continuous and fluidically designed, setting the tempo for all the connected spaces further on. This lobby is continuous with a pebbled sculpture court having two stunning peacock sculptures that hold the entire design experience together



MASTER KITCHEN AND FAMILY DINNING

The common lobby is visually buffered with dynamically designed vertical fins that hold the Master Kitchen and the family dining area on the other side. The space follows the design language from the entrance lobby and houses a monolithic surface becoming the island kitchen counter and the dining table.



FORMAL LIVING , BAR AREA , MASTER BEDROOM AND POOL AREA

The dining area connects to the formal living area with a large formal seating space and a lounge space having a pool table. The living is also connected to the 14 seater dining area with fabrics and light fixtures that add colour and vigor and the dynamically design bar counter and wine cellar with a LCD projection on the wall that can be enjoyed from all the living and the lounging areas. This floor also has one of the Master bedrooms with its connected dresser, bathroom and private entertainment space.



SPACES IN UPPER FLOOR PLAN

1. Study / Library 2. Family Dining 3. Master Bedroom 2 4. Guest Bedroom 1 5. Guest Bedroom 2 6. Home Theater
7. Sculpture Court & Lobby

The entrance further connects with the family dining area opening into the home theatre consisting a 10ft wide projection screen connected with the personal gymnasium. This level has the second Master bedroom and two guest bedrooms each of them connected with individual walk-in dressers and bathroom areas. One of the guest bedrooms is designed as an urban studio with exposed concrete finishes and rugged light fixtures with colours from the fabrics and rugs. The other rooms are designed with interesting wall coverings, wooden wall panels and rugs adding a new dimension to the space.



ENTRANCE LOBBY , LIBRARY OR STUDY

The upper floor is welcomed by an 8ft high wooden eagle sculpture from the owners collection displayed at the entrance connected with a waiting lobby. The entrance on one side connects with the rest of home and with the personal library/study on the other. The library is designed with dark wood in fluted patterns as wall paneling that flow down to form the working desk.



MATERIAL

- Granite flooring and wooden flooring used in area like living room , dining , kitchen ,bedroom etc.
- wooden wall pannels in library
- use of rugs on the floor in bedroom area ,living area.
- hanging celing light in dining area.
- bedside lamp in master bedroom



INFERENCE

- The project is succesfull as luxury apartment.
- The cocept of the building focuses on green factors of design and use of sustainable material.
- To optimize the colling effect the building mass and wibdow oning were shaped and sized to best capture the breeze .
- use of scupltures in interior to make it luxurious and realistic.



LITRATURE STUDY -2

TIC - TAC - TOE HOUSE (In Park Avenue Luxirious Apartment)

LOCATION - SURAT, GUJRAT, INDIA

ARCHITECT- DOT

AREA- 418 SQ/M

YEAR - 2018

CLIENT- JAY CHOKSI, MIKI CHOKSI

SITE CONTEXT

TIC - TAC- TOE by DOT is design on eleventh floor of park avenue luxurious apartment in Surat , Gujrat. A free-flowing space of varying scales with abundant natural light and ventilation as well as sporadic views of the Tapi river, the home displays a palette of natural materials ranging from wood and cement to exposed brick. The site, an Eleventh floored apartment , overlooking the dynamic urban spine and an ever- expanding city in its background whilst stealing views of the river Tapi between adjoining apartments, poses a challenge and an opportunity at the same time.

CLIMATE

Surat's climate is classified as tropical. Surat are in the northern hemisphere.

The summers here have a good deal of rainfall, while the winters have very little. In Surat, the average annual temperature is 27.0 °C | 80.6 °F.

The annual rainfall is 989 mm | 38.9 inch. Between the driest and wettest months,

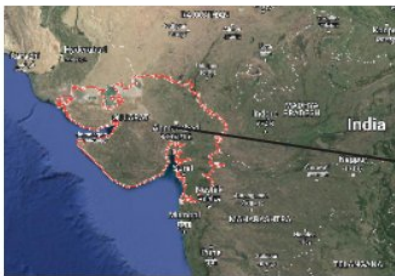
The month with the highest relative humidity is August (85.63 %). The month with the lowest relative humidity is March (46.31 %).

The month with the highest number of rainy days is July (27.40 days). The month with the lowest number of rainy days is March (0.17 days).

WEATHER BY MONTH // WEATHER AVERAGES SURAT

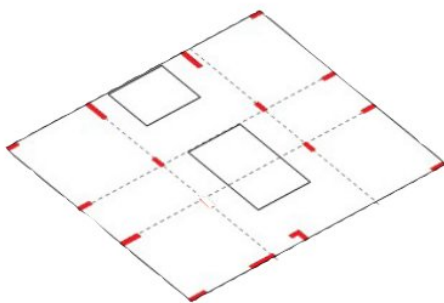
	January	February	March	April	May	June	July	August	September	October	November	December
Avg. Temperature °C (°F)	22.5 °C (72.5) °F	24.1 °C (75.4) °F	27.3 °C (81.1) °F	29.6 °C (85.3) °F	30.2 °C (86.4) °F	29.3 °C (84.8) °F	27.4 °C (81.3) °F	26.9 °C (80.4) °F	27.4 °C (81.3) °F	28.3 °C (82.9) °F	26.8 °C (80.2) °F	23.9 °C (75) °F
Min. Temperature °C (°F)	17.3 °C (63.2) °F	18.7 °C (65.6) °F	21.6 °C (70.9) °F	24.9 °C (76.8) °F	27.2 °C (81) °F	27.3 °C (81.1) °F	26 °C (78.8) °F	25.5 °C (77.9) °F	25.4 °C (77.8) °F	24 °C (75.3) °F	21.8 °C (71.2) °F	18.9 °C (65.9) °F
Max. Temperature °C (°F)	27.9 °C (82.3) °F	29.6 °C (85.3) °F	33 °C (91.4) °F	34.9 °C (94.8) °F	34.2 °C (93.6) °F	32.1 °C (89.7) °F	28.1 °C (82.4) °F	28.5 °C (83.4) °F	29.7 °C (85.5) °F	32.6 °C (90.7) °F	31.9 °C (89.5) °F	29.3 °C (84.7) °F
Precipitation / Rainfall mm (in)	1 (0)	0 (0)	0 (0)	0 (0)	3 (0.1)	154 (6.1)	359 (14.1)	253 (10)	182 (7.2)	27 (1.1)	6 (0.2)	4 (0.2)
Humidity (%)	50%	49%	46%	54%	66%	76%	85%	86%	82%	63%	50%	50%
Rainy days (d)	0	0	0	0	1	11	21	19	12	3	1	0
avg. Sun hours (hours)	9.8	10.1	10.7	11.2	11.0	9.7	8.8	8.5	8.7	9.9	9.9	9.7

SITE LOCATION



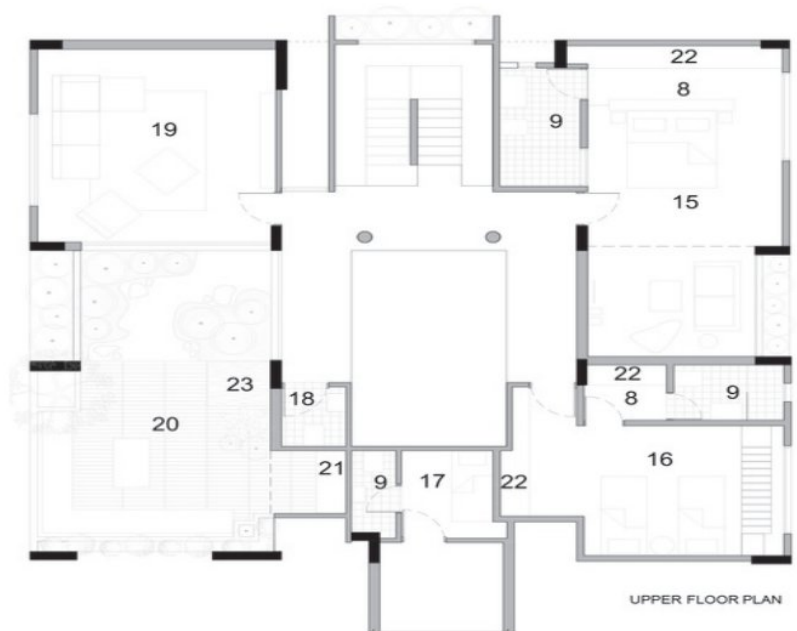
CONCEPT

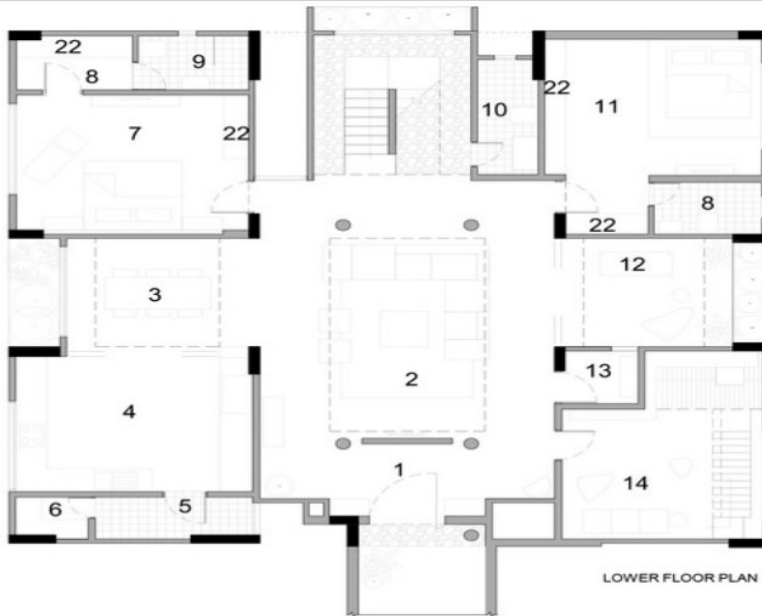
TIC TAC TOE house derives its name from the rigid nine-grid format that it has been designed in, as well as the playful nature of the clients



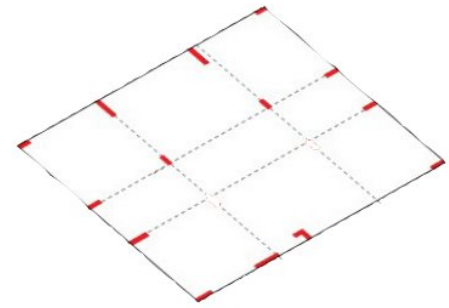
UPPER FLOOR

- 8. Dresser
- 9. Attached Toilet
- 15. Master Bedroom
- 16. Kids Bedroom
- 17. Servant's Room
- 18. Powder Room
- 19. Home Theater
- 20. Terrace
- 21. Pantry
- 22. Wardrobe
- 23. Waterbody





LOWER FLOOR PLAN



LOWER FLOOR

- | | |
|--------------------|---------------------|
| 1. Foyer | 8. Dresser |
| 2. Living Area | 9. Attached Toilet |
| 3. Dining Area | 10. Common Toilet |
| 4. Kitchen | 11. Studio |
| 5. Wash | 12. Balcony |
| 6. Store | 13. Puja |
| 7. Parents Bedroom | 14. Kids Study Area |

ELEVATION



ELEVATION OF WALL A



ELEVATION OF WALL B

ABOUT THE HOUSE TIC -TAC- TOE HOUSE

With a population of over five million plus and constantly growing, Surat has been registered to have highest GDP growth in India of 11.5%. One of the largest textile producing cities, it engages over several thousand people in the industry. With the elite divided between the idea of villas in gated community, or apartments in well maintained- amenities filled complexes; a family of three generations opted for the latter. With recent times of family disintegrating into nuclear families, only a few continue with the traditional ideology of living in a joint family. The challenge here was to provide ample freedom of individuality without creating private suites, whilst allowing and subtly enhancing the nature of bonding between the family members. The idea of independent living was to be transformed into interdependent living.

The circulation area is kept low with a height of 2100mm, the private or functional spaces a comfortable 2700mm and the social space as double heights or open to sky.

On entering the house, a free-standing brick wall shields the interior, comprising of spaces inspired from the traditional setting of courtyard houses; where the living room being the courtyard and the heart of the house is defined by four round columns and a double height. The adjoining spaces revolve around this core and constantly feed it with light, air and liveliness, unifying them visually and spatially. On the east of the family living is the Puja and Verandah for morning meditation, tucked in between the home studio and kid's study. While on the west is the Dining to enjoy the evening tea, with Parents bedroom and kitchen on either side. Though on the Eleventh floor the connection to the ground is kept intact by introducing various small and large green pockets into the house; out of which one contains the cast in place concrete staircase connecting the floor above with the living below.

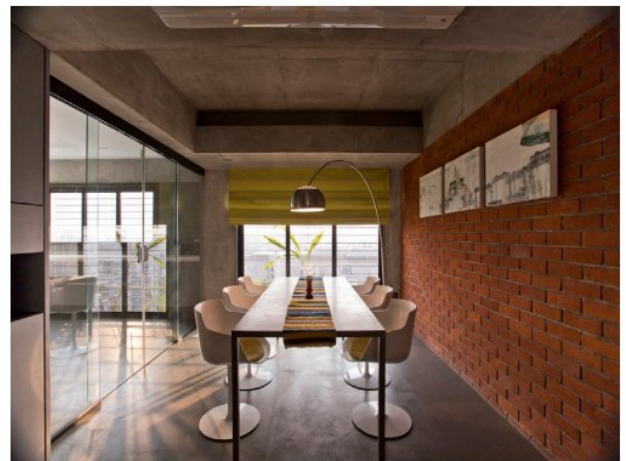
LIVING ROOM

Living Room Being The Courtyard And Heart Of The House Is Defined By The Four Columns And Double Height.



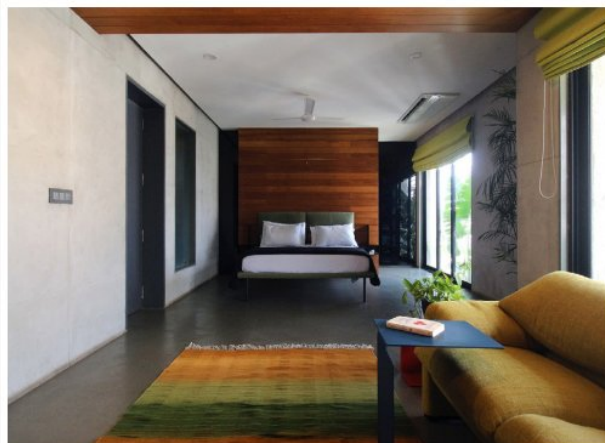
DINING AREA

- use of exposed brick on the wall and concrete finish plaster on the ceiling to give it a rustic look.



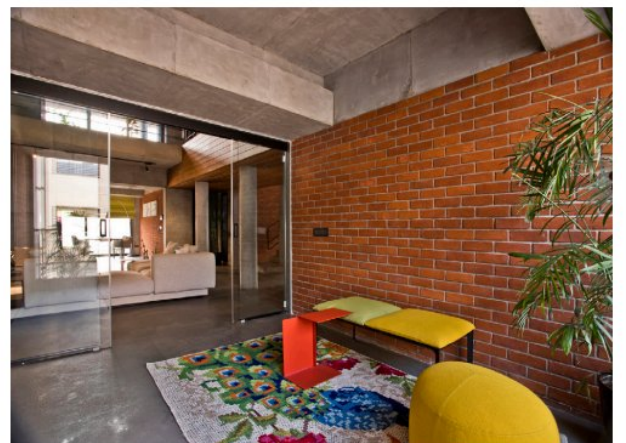
PARENTS BEDROOM

- use of natural materials on wall as wooden pannel. to bring the essence of nature the colour palette used on the sofa and carpet is shades of yellow and green.



VERANDAH

- verandah is for morning meditation so, use of natural plants and natural material to upbring the nature inside and to create a relaxing atmosphere.



On the upper floor, above the verandah on the east there are two private rooms, a master suite and Kid's bedroom which is internally connected with the study below while on the west above the dining is the home theatre cum library extending into the green of the terrace garden, which seamlessly transcends into a place for celebration while easily accommodating a large group of friends.

CENTRAL STAIRCASE

staircase made of plane concrete finish which connect one floor to the other.



OPEN TERRACE

pergola design incorporate on the terrace. used of builtin furniture for sitting with mattress of natural shades.



KIDS STUDY AREA

a small study area is given just below the staircase ,in which a book shelves is design on the wall made up of iron frames incorporate with wooden blocks for the storage purpose.



OVERLOOKING PASSAGE

wooden ceiling is done on overlooking passage with hanging lights.



MATERIAL

The Interiors, A Combination Of Natural Materials;

- Wood Cladded Walls,
- Concrete Finish Plaster And
- Exposed Brick
- Iron Bars Used In Railing

Are An Attempt To Be Bare To Create Breathing Quality Of The Materials.

-The Indoor Environment Is Kept Soothing And Comfortable With Colorful Furniture To Add Vibrancy To The House.

-Use Of Metals In Furniture

LIGHTING

- Use of track light in interiors ,to keep the space feeling light and airy .
- To enhance the interiors , such as tecture of the wall .



INFERENCE

- 1.The adjoining spaces revolve around this core and constantly feed it with light, air and liveliness, Unifying them visually and spatially.
- 2.Use of natural materials.
- 3.The playfulness of the house even while being in a rigid grid format gives it the name Tic-Tac-Toe.
- 4.design is focused on comfort and creating an inviting atmosphere.

- **CONCEPT**
- **AREA ZONING**
- **BUBBEL DIAGRAM**
- **ANTROPOMETRY**
- **INTERIORSCAPE**



CONCEPT

RETRO Turning The Clock Back

It is true that every moment there is change, this is the process of life. But, One thing we should understand that even though we are behind new things, the development of all these new things are based on those good olden things, We need to value the old things much as these are the basis learning of new things.

WHY?

The ideology behind concept is that, In today's world everything is about modern style, Either it is in respect to our culture or our life style. With rapid growth and modernization, things are evolving and our rich culture is fading with time. A traditional or old interior design scheme is timeless and placeless, comfortable and put together but not overly fancy. So, in my design I am using **ELEMENTS** of **RETRO STYLE** to show the rich and royal culture in interior of the house.

WHAT IS RETRO ?

- *Retro interior design is an eclectic mix of old styles and new forms, or new forms with old materials and finishes.*
- *It embraces of contrasting design feature, colour, shapes and form.*
- *The key to this theme is to mix colors and shapes without creating a messy space.*

CHARACTERISTICS OF RETRO STYLE INTERIOR DESIGN

Since retro design represents a past era with a blend of new materials to create a lively interior, it comes with distinct characteristics that are more on the funky side. These characteristics include:

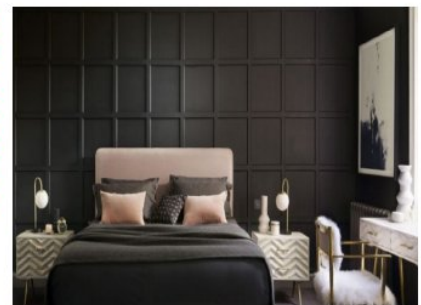
- The use of **plastic** and **PVC** materials
- **Bright** and **vivid colors** as well as combination of neutral and bright tinctures at a time;
- **Antique** or **old-fashioned** elements such as, **lamps**, **textiles**, and **floral patterned vases** from the last century
- **Unusual-shaped furniture** and **intricate design furniture** with polished surface;
- **Abstract art forms**
- **Hanging painting**, **Vintage sculpture**, **Wallpaper** with **Floral design** and **Geometrical design**
- **Rubber**, **Neon lights**, **Focused light**, **Texture**, **Shagpile**, **cork**, **Timber**, **Wool**, **Leather**, **Glass**
- **Cushed velvet**

WALL FINISHES

- Use of geometric pattern wallpaper.
- Use of floral pattern wallpaper.
- Use of vibrant colour such as purple, yellow, green etc.
- Use of wooden panelling on wall.



Geometric pattern wallpaper



wooden panelling

FLOOR FINISHES

- Wooden texture on floor with modern touch.
- Checkered pattern tile floor.
- Mosaic tile shapes flooring.
- Traditional rugs or shag carpets.



wooden texture flooring



checked pattern flooring

LIGHTING

- The retro-style interior design involves the use of focus lights and lights that shone over a wide area.
- Pendant lamps
- Chandeliers
- Floor lamp



Chandeliers



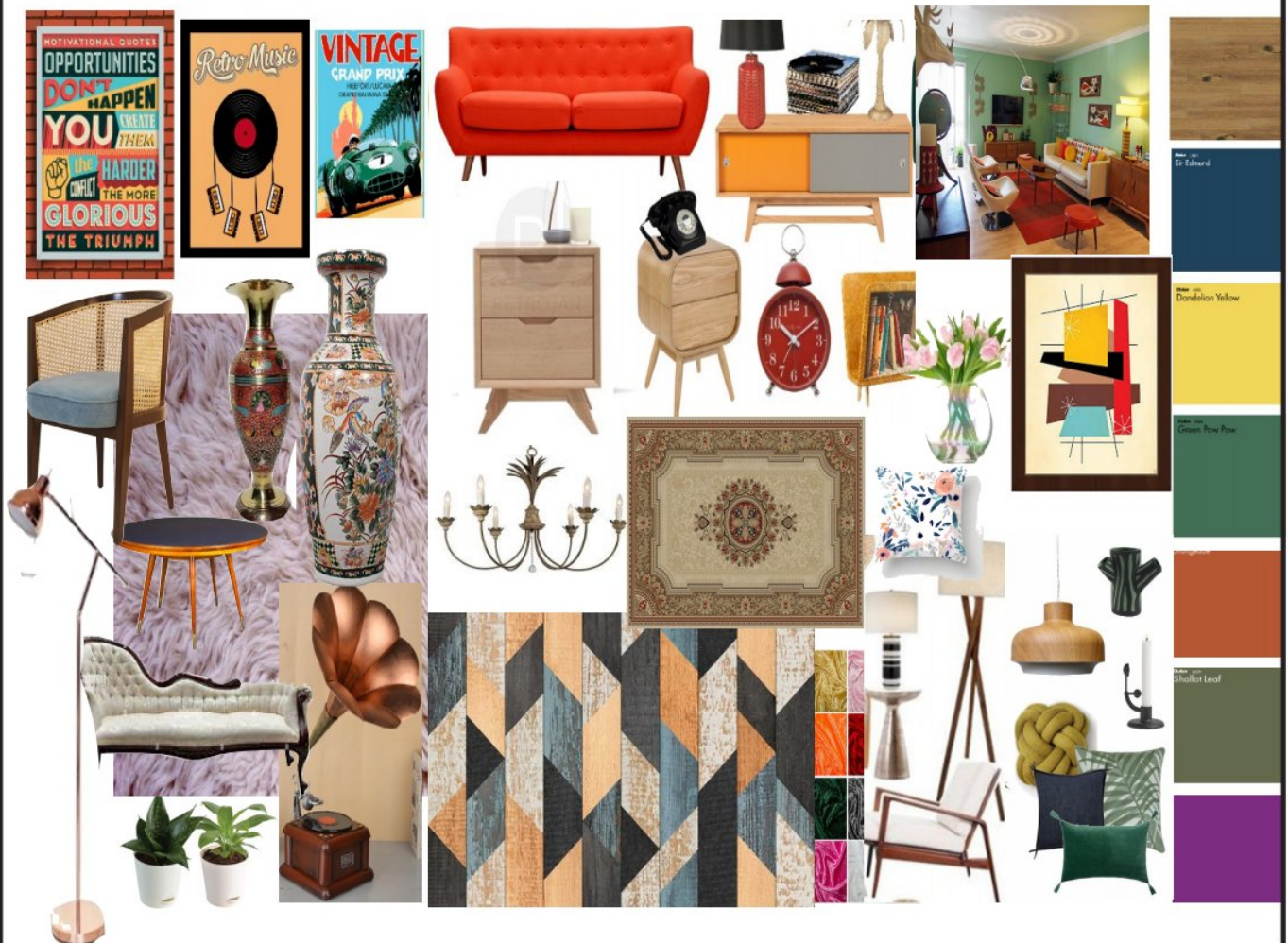
Floor Lamp

FURNITURE

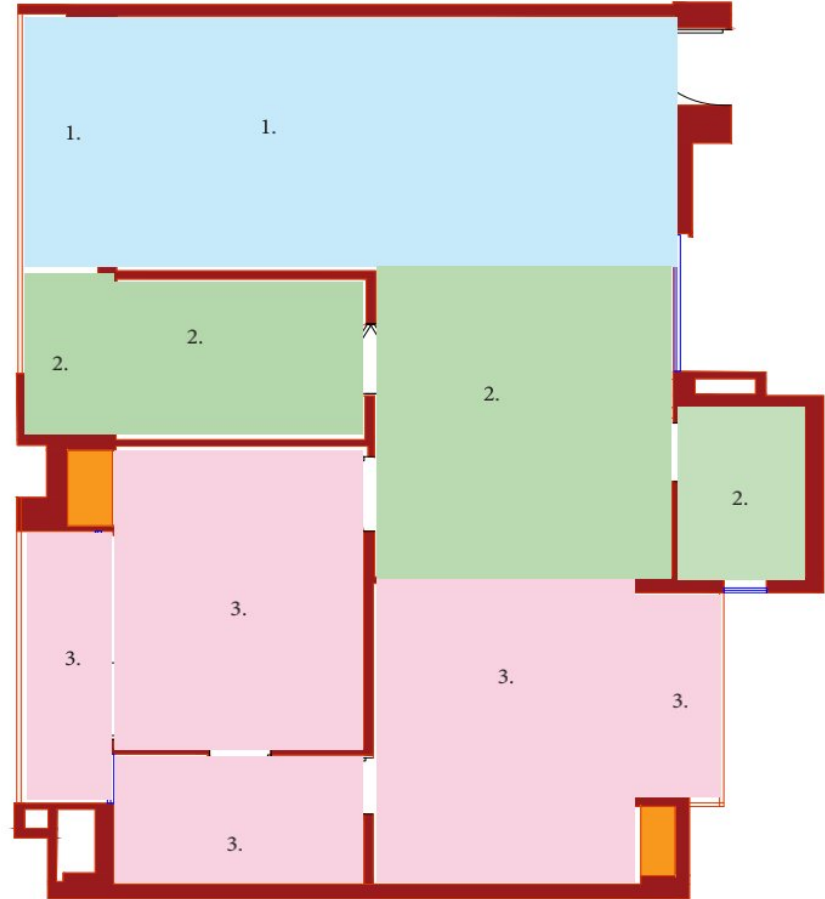
- The permanent furniture pieces such as tables, side tables and cupboards were heavy with intricate designs.
- These designs spoke for themselves without having to accentuate it with anything else.
- The movable furniture pieces such as chairs — solid and sturdy — are light-weight with skinny legs.



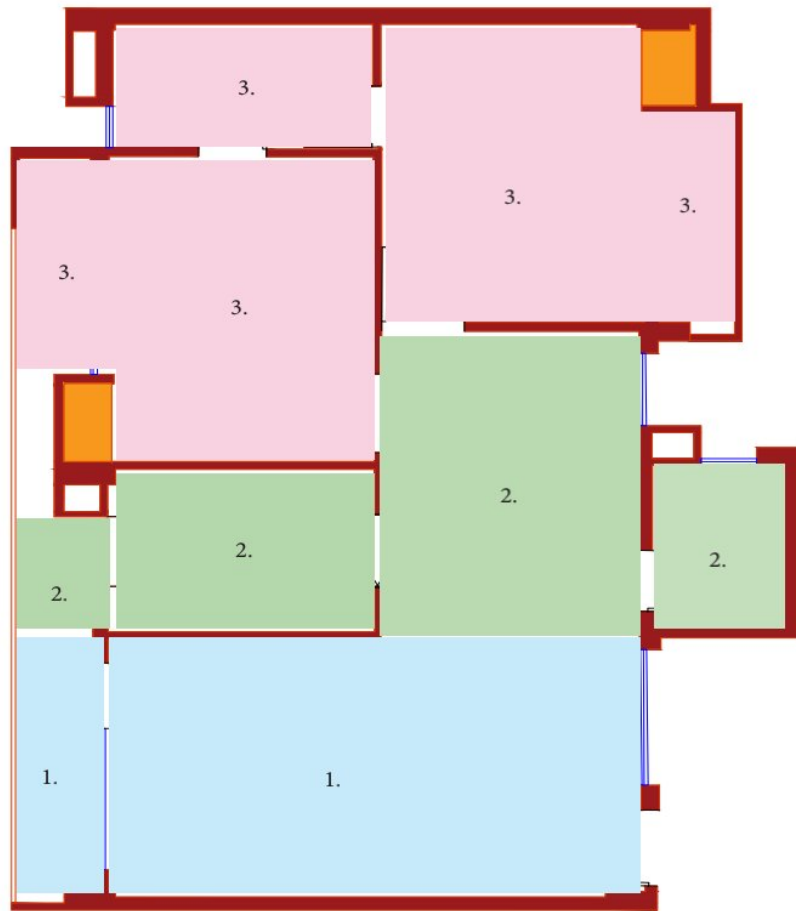
MOOD BOARD



AREA ZONING



2BHK (TYPE 2B)



2BHK(TYPE 2C)



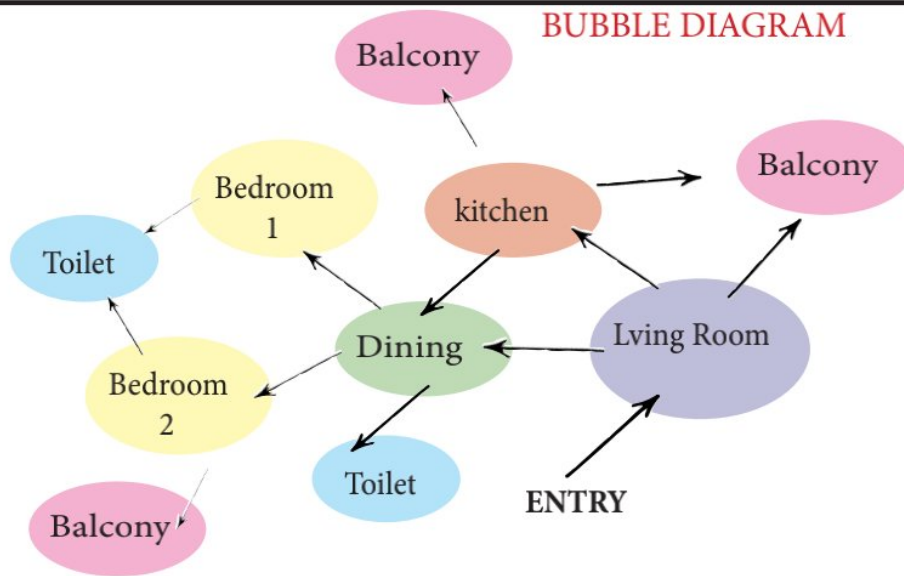
3BHK

- | | | |
|---|--|--|
| <p>1. PUBLIC AREA</p> <ul style="list-style-type: none"> • LIVING ROOM OR DRAWING ROOM • BALCONY | <p>2. SEMI PUBLIC AREA</p> <ul style="list-style-type: none"> • DINING ROOM • KITCHEN • GUEST BEDROOM • BALCONY • TOILET | <p>3. PRIVATE AREA</p> <ul style="list-style-type: none"> • BEDROOM 1 • BEDROOM 2 • MASTER TOILET • BALCONY |
|---|--|--|

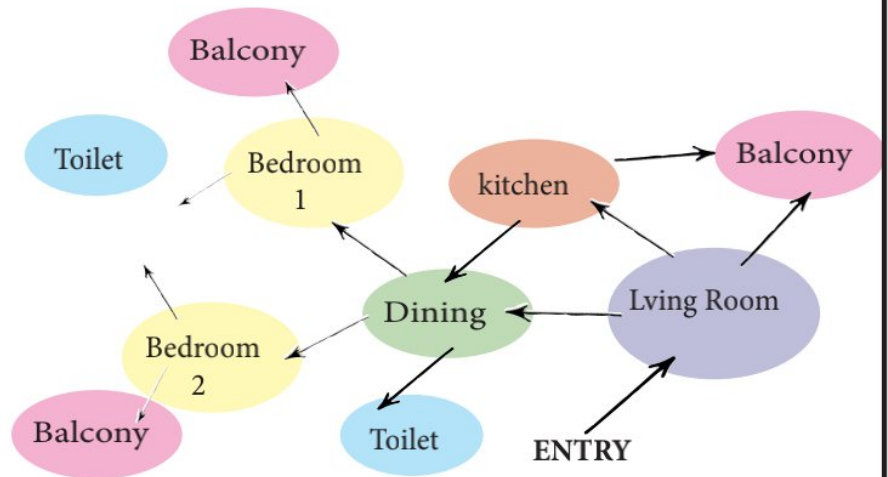
• FRAMED REQUIREMENTS OF THE INTERIOR SPACES

- | | | | |
|--|--|--|---|
| <p>• LIVIING ROOM</p> <ul style="list-style-type: none"> Sofa Center Table Side Table Tv Unit Storage Bench | <p>• DINING AREA</p> <ul style="list-style-type: none"> Dining Table: Round, Rectangular , And Square Chair Crockery Unit | <p>• BEDROOM</p> <ul style="list-style-type: none"> Bed Side Table Dressing Table Wardrobe | <p>• TIOLET</p> <ul style="list-style-type: none"> Wc Shower Tap Washbasin Storage |
|--|--|--|---|

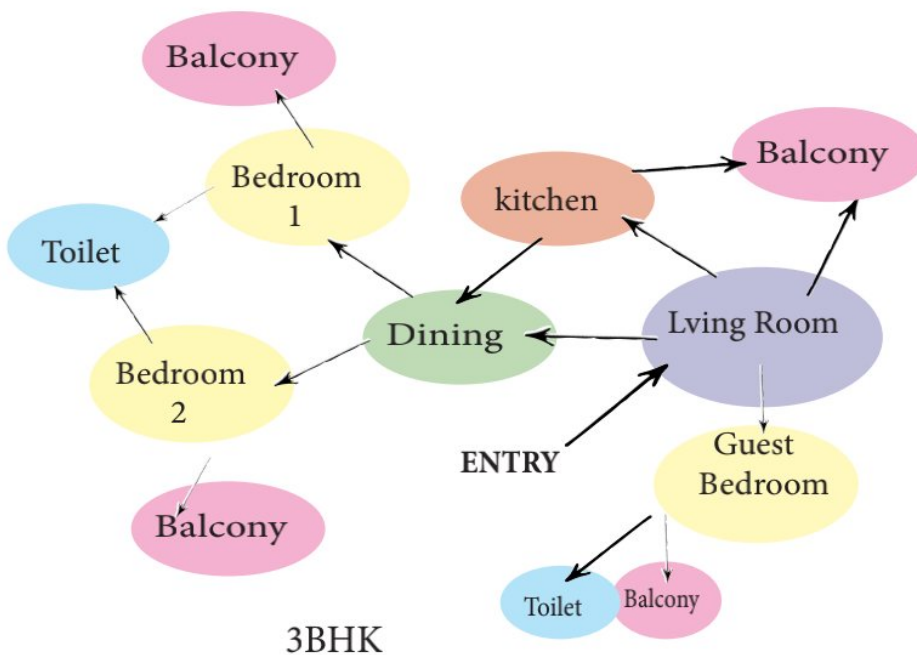
BUBBLE DIAGRAM



2BHK (TYPE 2B)

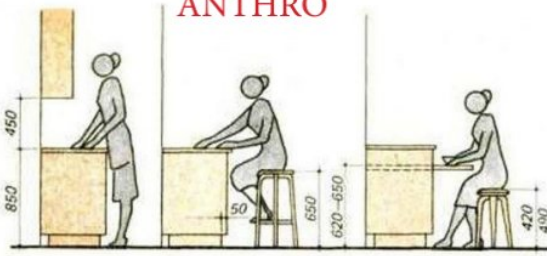


2BHK (TYPE 2C)

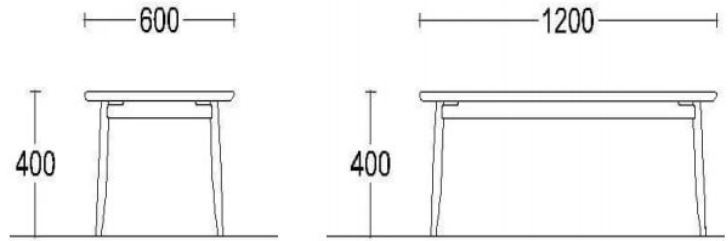


3BHK

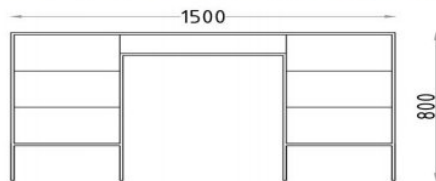
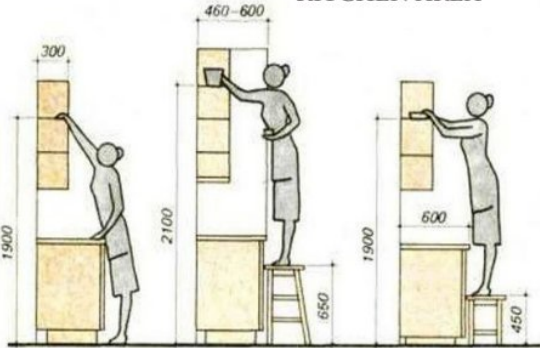
ANTHRO



KITCHEN AREA



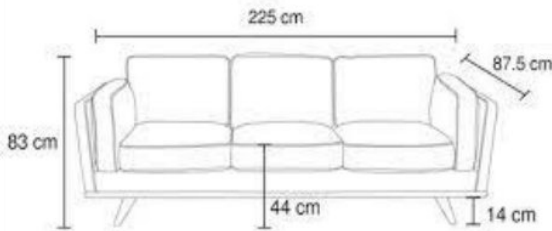
CENTER TABLE



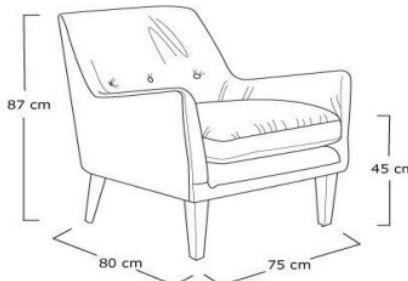
FRONT ELEVATION



STUDY TABLE



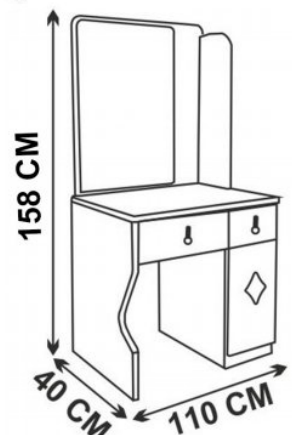
3 SEATER SOFA



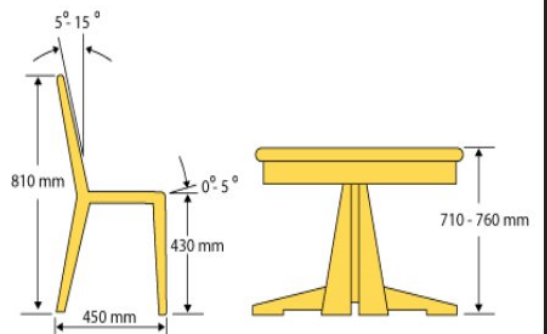
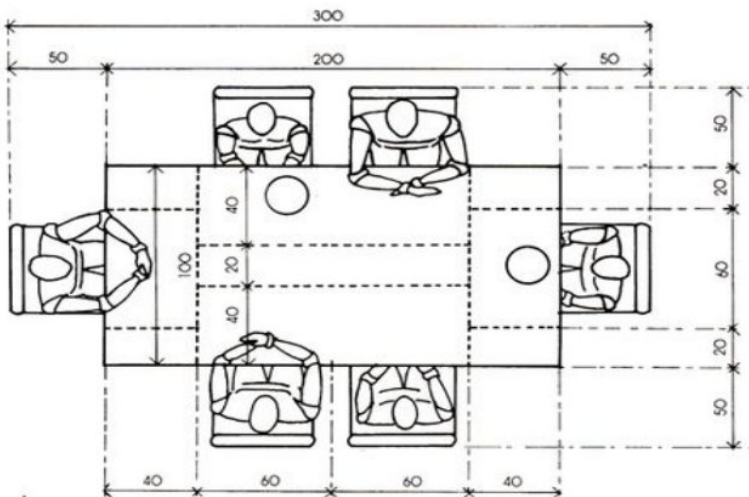
1 SEATER SOFA



BED SIDE TABLE



DRESSING TABLE



DINING TABLE

INTERIORSCAPE

WHY TO HAVE INDOOR PLANTS? INDOOR PLANTS FOR CLEAN AIR?

- | | |
|---|---|
| <ul style="list-style-type: none"> • Aesthetic qualities. • Enhance the sense of well being. • Satisfying hobby. • Plants for sweeter air. • Much of the scenic beauty of nature has been replaced by densely populated areas. | <ul style="list-style-type: none"> • Snake plant • Dracaena • AloeVera • Golden pathos • Rubber plant • Dumbcane • Peace lily • English Ivy |
|---|---|



LIGHT

Bright indirect sunlight



WHERE TO GROW

Bright indoors



WATERING

Water once a week



SPECIAL FEATURES

Air purifying



MAINTENANCE

Low Maintenance

SNAKE PLANT(sansevieria trifasciata)

- Snake plant is also known as mother-in-law's tongue. It has striped grey-green leaves that are usually outlined by white or yellow edges. It can grow in humid situations with minimal sunlight.
- It filters out air pollutants like formaldehyde. It is usually placed in bathroom and in any corner of a home.



RUBBER PLANT(Ficus elastica)

- Rubber plant usually has wide, deep green and glossy leaves but some are purple.
- It can easily grow in low moisture, filtered lighting and cool weather.
- This indoor plant cleans the air by removing toxins and compounds like formaldehyde, ammonia, trichloroethylene and benzene.



GOLDEN PATHOS(Epipremnum aureum)

- Golden pathos has smooth, heart-shaped leaves.
- It grows in low sunlight.
- It is usually dangling in a basket or cascading in a tall plant.
- It is ideal for living room and kitchen.
- It can eliminate formaldehyde from the air.



PEACE LILLY(spathiphyllum)

- Peace lily is an indoor plant with dark leaves and curvy white flowers.
- It grows easily even in low light and moisture.
- It is perfect for homes with few windows.
- It can eliminate several chemicals and compounds like ammonia, benzene and more.



MATERIAL BOARD

MATERIAL BOARD

ASIAN PAINT
Available sizes
1 Liter Price Rs. 471
2 Liter Price Rs. 1843
10 Liter Price Rs. 4562
20 Liter Price Rs. 8996

FINISHES : Smooth matt
WASHIBILITY : Excellent
TYPE: Emulsion

TRADITIONAL RUGS
price: starting from Rs. 2000 per piece

**GEOMETRIC PAT-
TERN WALPAPER**
price: Rs. 155/ by 5meter

**FLORAL PATTERN
WALPAPER**
size: 5meter
price: Rs. 750 / roll

MATERIAL: PVC Vinyl ROLL
SIZE: in cms: 45 x 300 cm
[Need 7 Rolls to cover a 10 ft by 10 ft Wall Size.]

UPHOLSTERY
Material: Jacquard/ Woven
Price: Rs. 1200/ Meter

UPHOLSTERY
Material: Velvet (1 Polyster)
Price: Rs. 250/ Meter

UPHOLSTERY
Material: Cotton
Price: Rs. 510 / Meter

UPHOLSTERY
Material: Polycrrep
Price: Rs. 150/ Meter

CURTAIN FABRIC
Material: Silk
Price: Rs. 250/ METER

TURF

WOODEN PLANKS
Price : RS. 50 / sq. ft

**UNIFORM 10mm
LAMINATED WOODEN
FLOORING**
Price : RS. 50 / sq. ft

MICA
Thickness : 1-2 MM
price : starting from RS. 450

SOFT BLUE

PURE RED

SKIMMED CREAM

LAVERAND

CREAMY MINT

PAMPERD PINK

WARM PINK

SILVER GREY

LEMON YELLOW

DEEP ORANGE

FRESH OLIVE

SUMMER YELLOW

POURCELAIN TILE
Thickness: 7 mm
Price : RS. 27 / sq. ft

CERAMIC MOSAIC TILE
Price : RS. 55 / sq. ft

CERAMIC TILE
Thickness: 5-10 mm
Price : RS. 27 / sq. ft

MATT CERAMIC TILE
Thickness: 15 mm
Price : RS. 25 / sq. ft

PLAN

- ELEVATIONS
- VIEWS

2 BHK (TYPE 2 C)



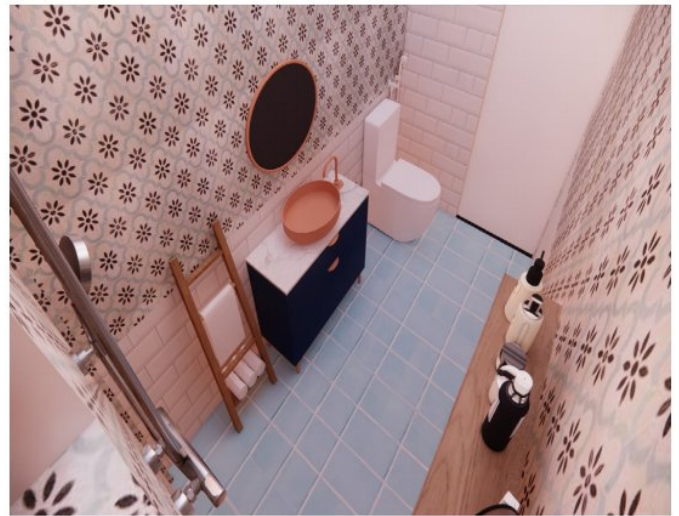
LIVING AREA AND DINING AREA



BEDROOM 1



BEDROOM 2



WASHROOM

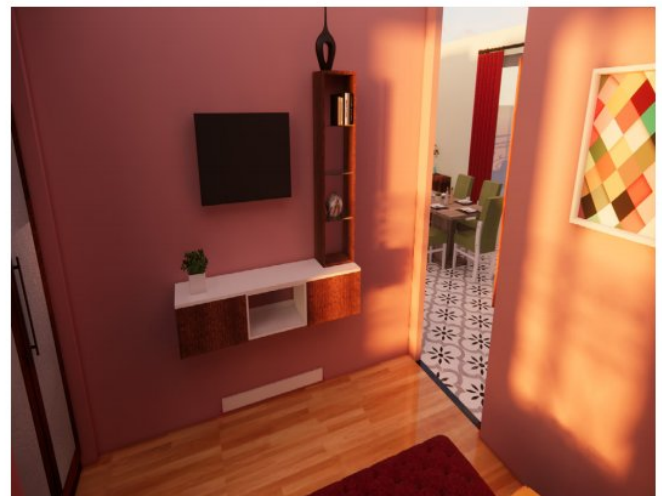
2 BHK (TYPE 2 B)



LIVING AREA



DINING AREA



BEDROOM 1



BEDROOM 2



KITCHEN



WASHROOM



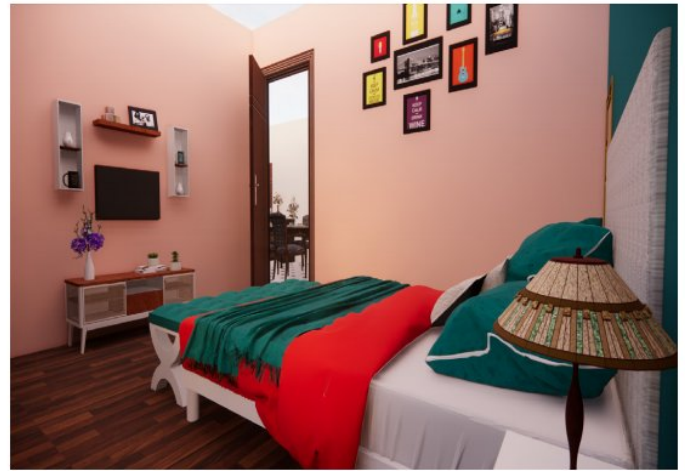
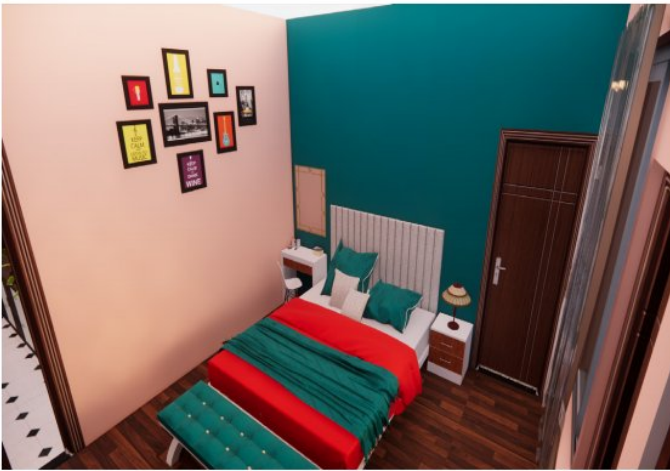
LIVING AREA

DINING AREA

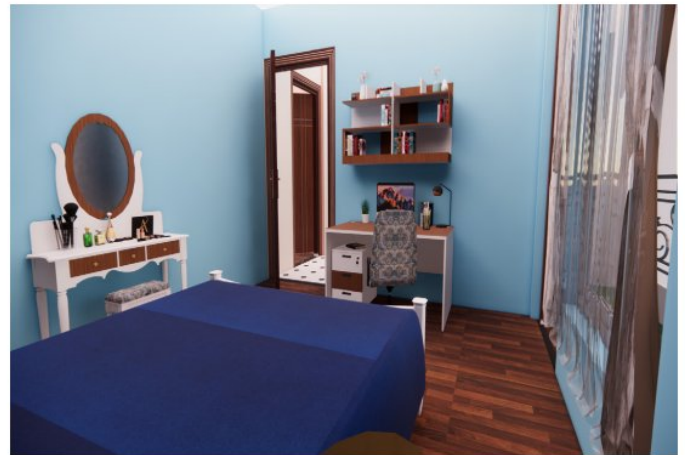


WASHROOM

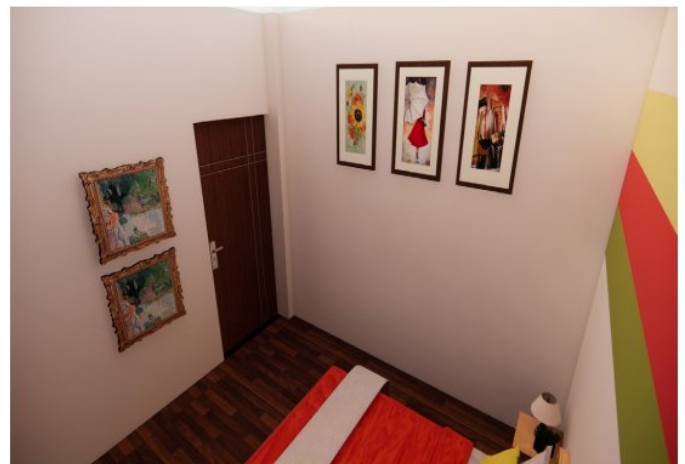
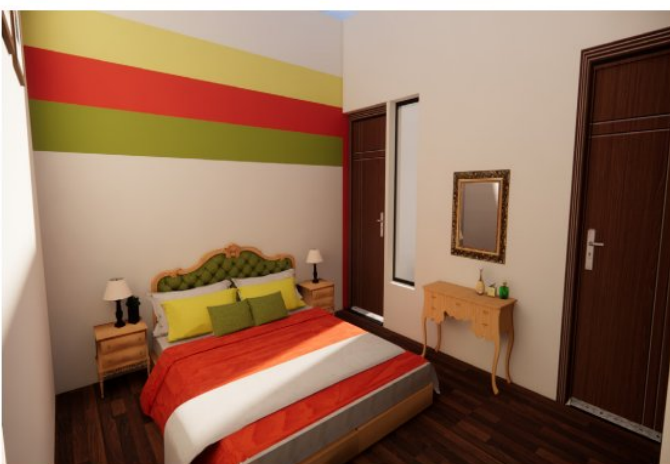
KITCHEN



BEDROOM 1



BEDROOM 2



GUEST ROOM

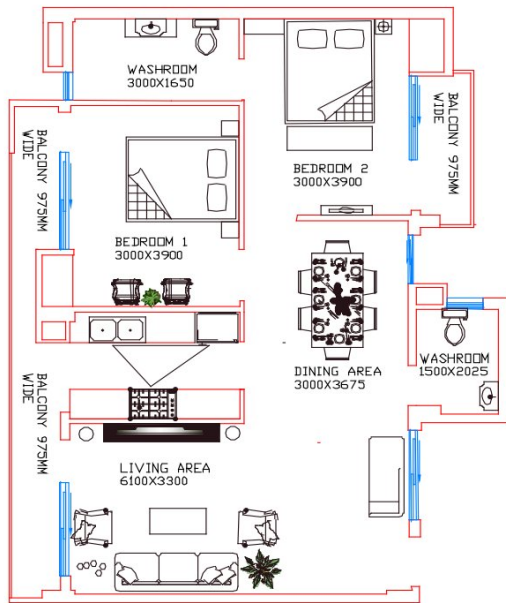
ELECTRICAL LAYOUT PLAN

CEILING PLAN

- **FLOORING**
- **OPTIONAL ELECTIVE**

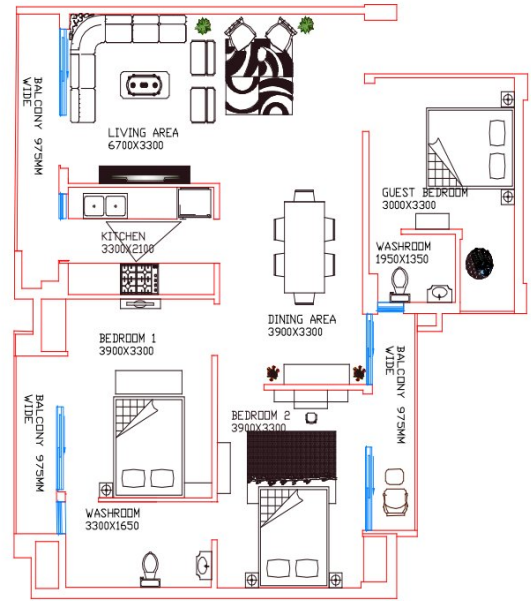
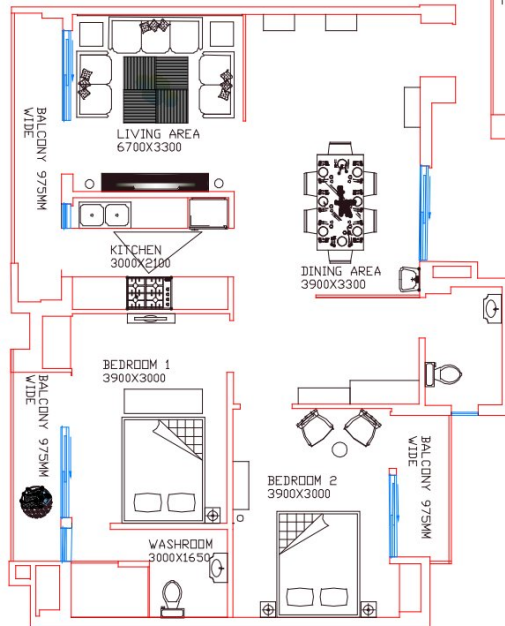
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<https://www.archdaily.com/973623/the-comeback-of-retro-design-trends-in-modern-bathrooms>



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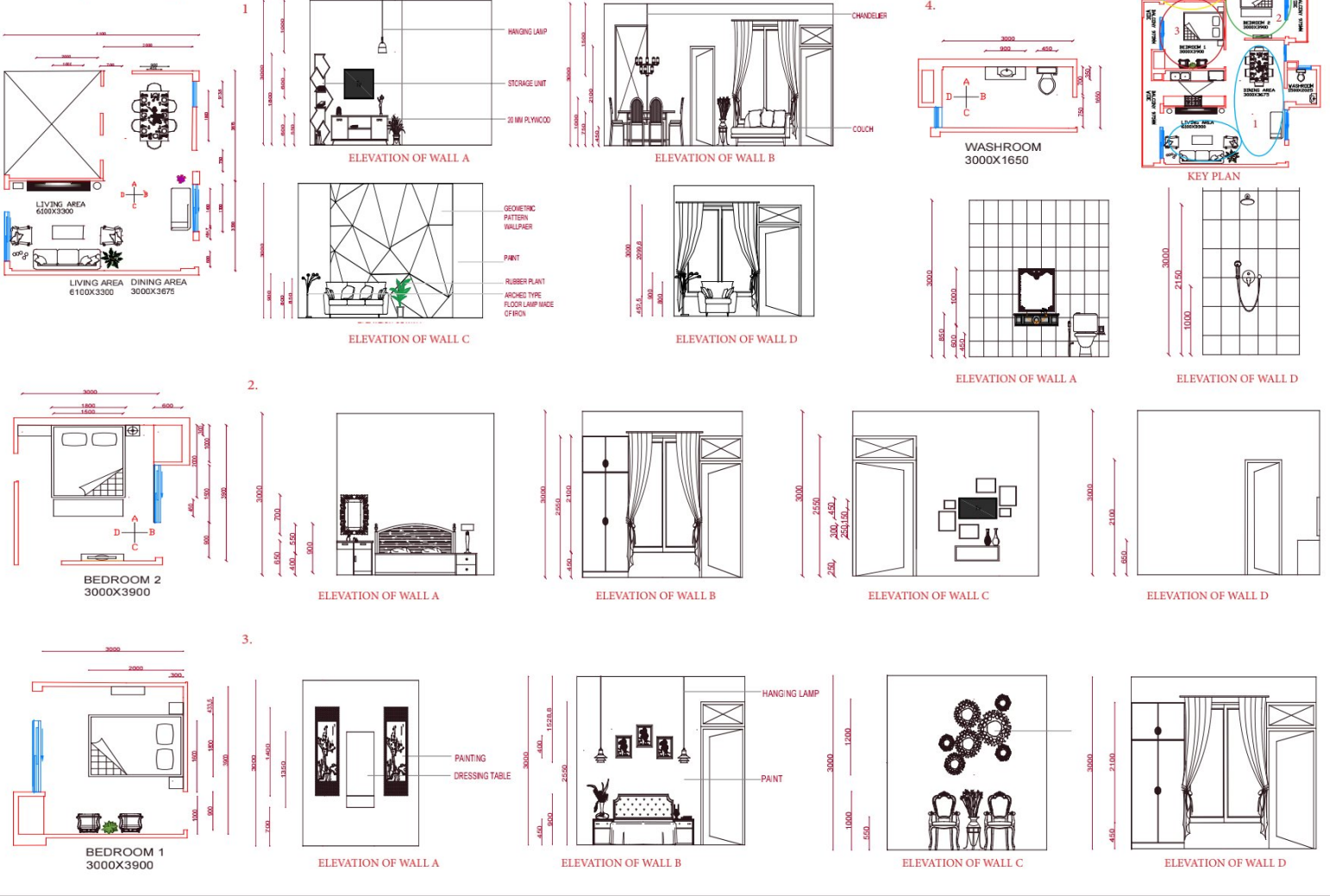
LIVING AREA - 6700 X 3300
 DINING AREA - 3900 X 3300
 KITCHEN - 3000 X 2100
 BEDROOM 1 - 3900 X 3000
 BEDROOM 2 - 3900 X 3000
 MASTER WASHROOM - 3000 X 1650
 BALCONY 975 MM WIDE



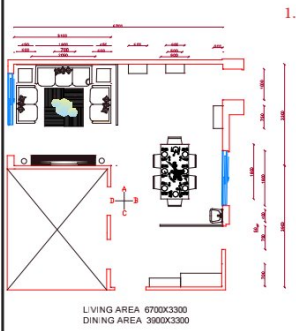
3 BHK

LIVING AREA - 6700 X 3300
 DINING AREA - 3900 X 3300
 KITCHEN - 3000 X 2100
 BEDROOM 1 - 3900 X 3300
 BEDROOM 2 - 3900 X 3300
 MASTER WASHROOM - 3300 X 1650
 BALCONY 975 MM WIDE

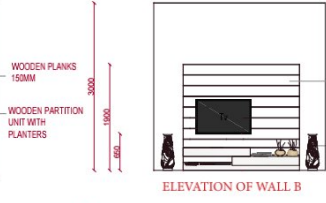
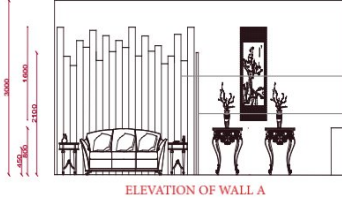
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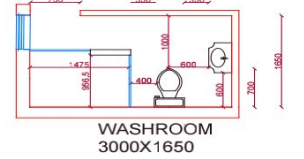
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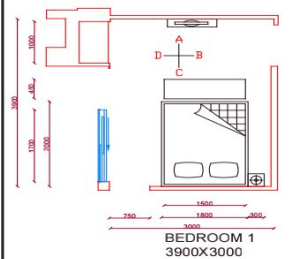
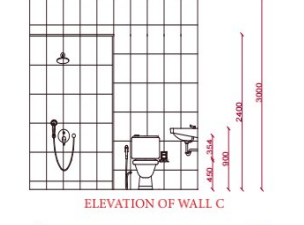
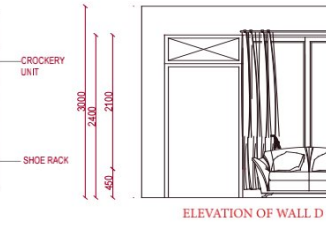
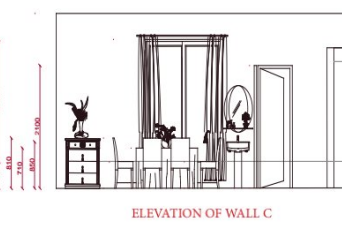
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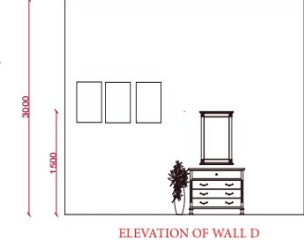
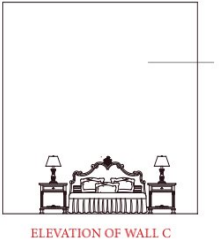
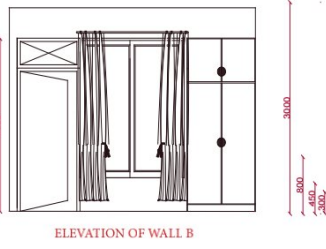
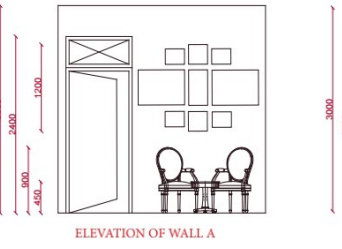
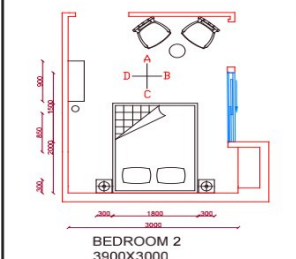
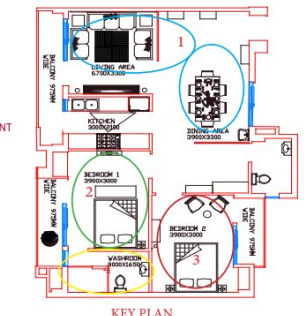
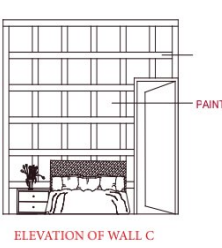
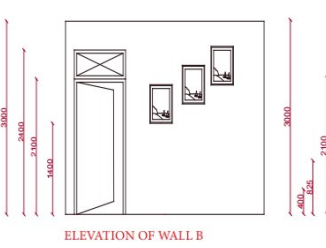
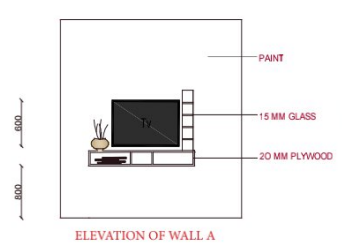
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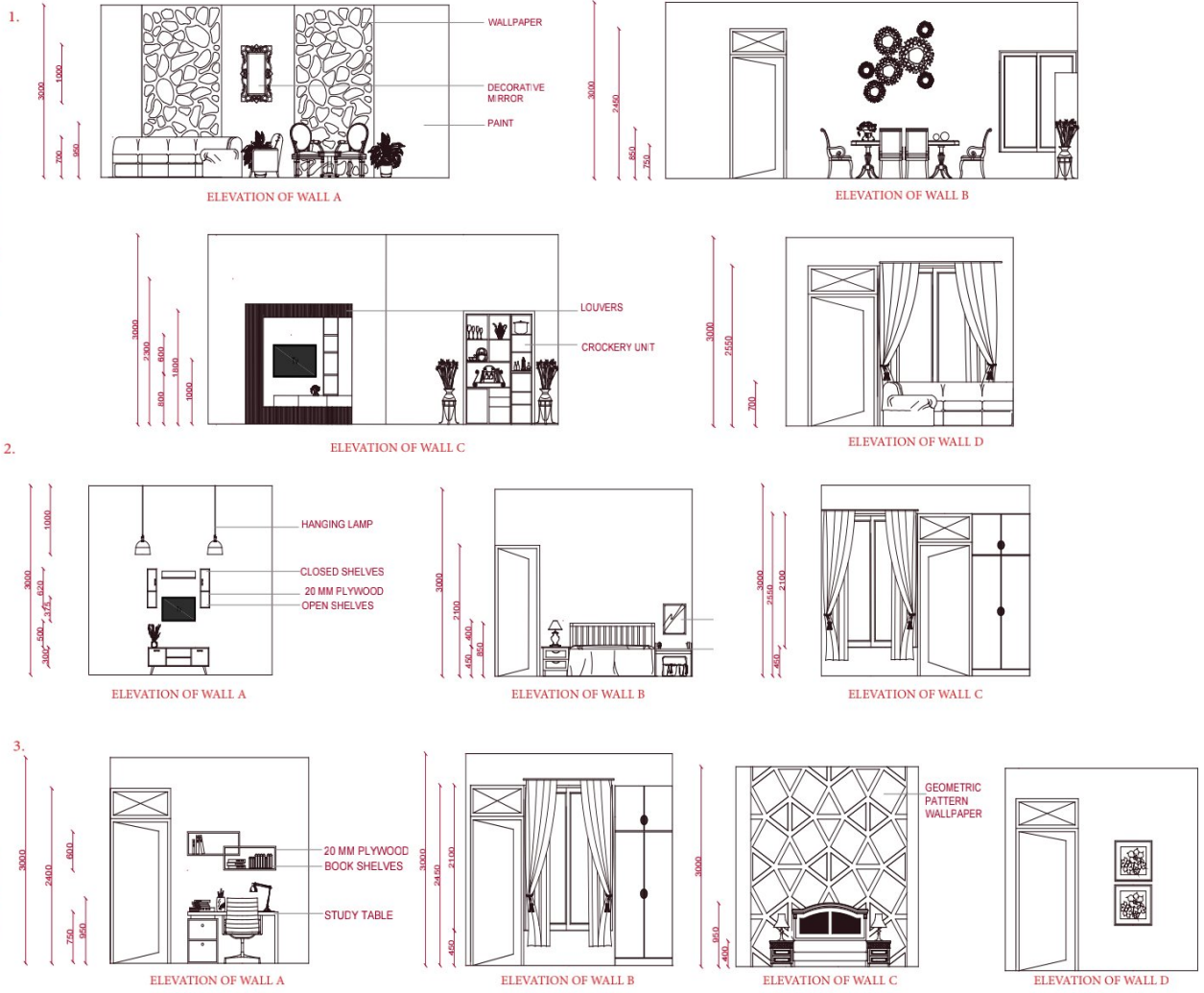
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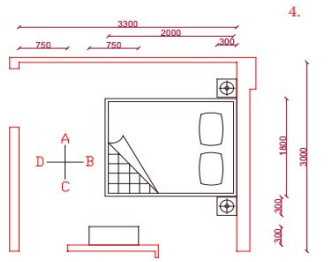


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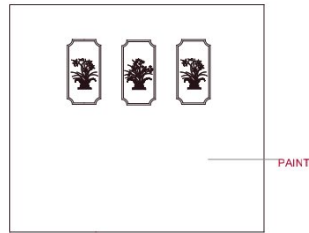


3 BHK

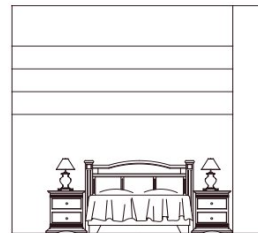




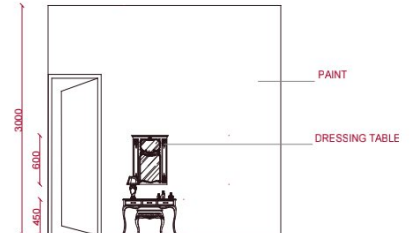
GUEST ROOM
3000X3300



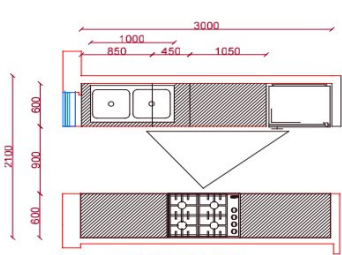
ELEVATION OF WALL A



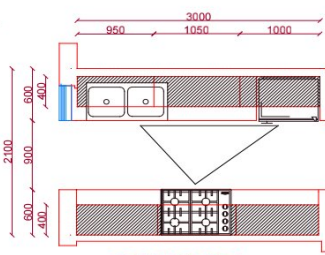
ELEVATION OF WALL B



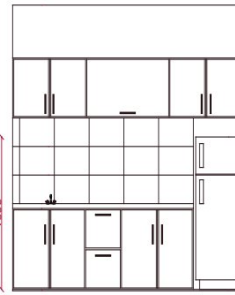
ELEVATION OF WALL C



PLAN AT LEVEL
+850



PLAN AT LEVEL
+2100

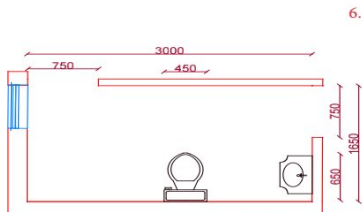


ELEVATION OF WALL A

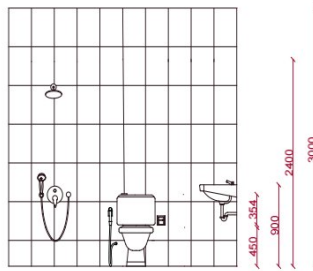


ELEVATION OF WALL C

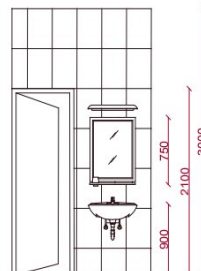
GLASS SHELVES
HINDWARE WALL
MOUNTED CHIMNEY
STAINLESS STEEL WITH
BLACK POWDER COATING
19MM PLYWOOD



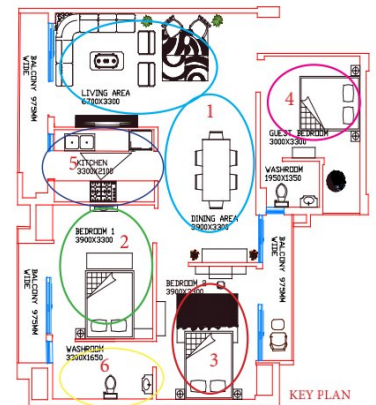
WASHROOM
3000X1650

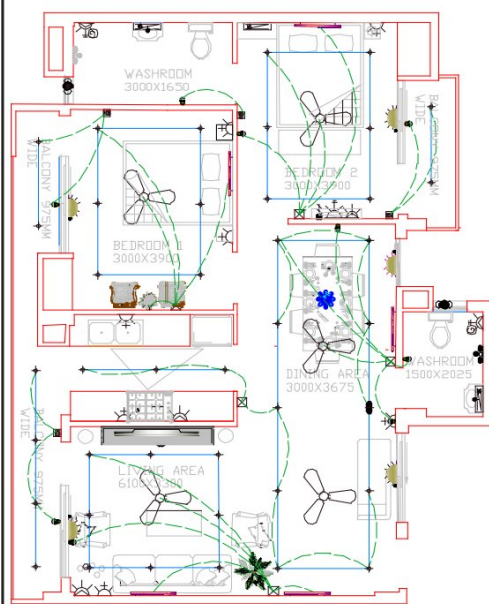


ELEVATION OF WALL C

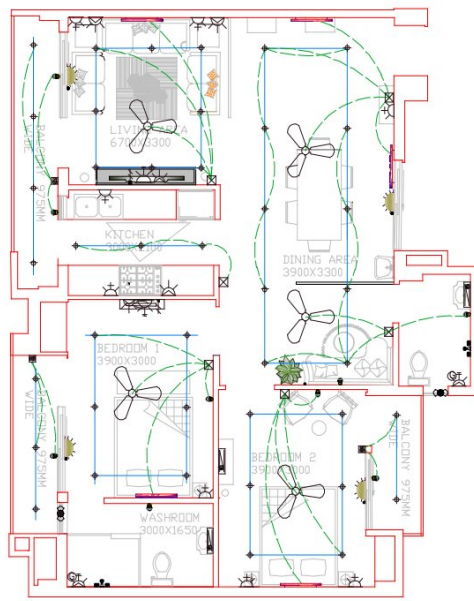


ELEVATION OF WALL B

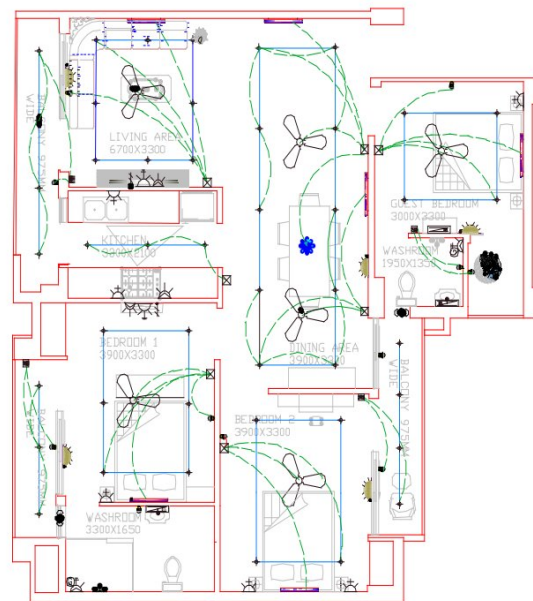




2 BHK (TYPE 2 C)



2 BHK (TYPE 2 B)



3 BHK

LEGEND:-ELECTRICAL

S.NO.	SYMBOL	DESCRIPTION	POSITION (mm)
1.		TUBELIGHT FIXTURES ON (SURFACE)	2550
2.		WALL MOUNTED LIGHT FIXTURES	2550
3.		CEILING LIGHT	ON CEILING
4.		MIRROR LIGHT	1950
5.		SWITCH BOARD WITH 5A SWITCHES AND SOCKET	1200
6.		SWITCH BOARD WITHOUT 5A SWITCHES AND SOCKET	1200
7.		5 AMP PLUG POINT	1100 OR 300 ABOVE PLATFORM

LEGEND:-ELECTRICAL

8.		5 AMP PLUG POINT	900
9.		5/15 AMP PLUG POINT	300
10.		20/32 -AMP MCB(AC POINT)	450
11.		CEILING FAN	ON CEILING
12.		EXHAUST FAN	IN WINDOW
13.		TELEVISION POINT	900
14.		CHANDELIER	ON CEILING
15.		MCB BOARD	1800 (TOP OF D.B.)



22 Watt Led Round Ceiling Surface Panel Yellow Light
Price- Rs. 550/ Per Piece

20 Watt Led Tube Light
Light Colour - White
Brand - Havelles

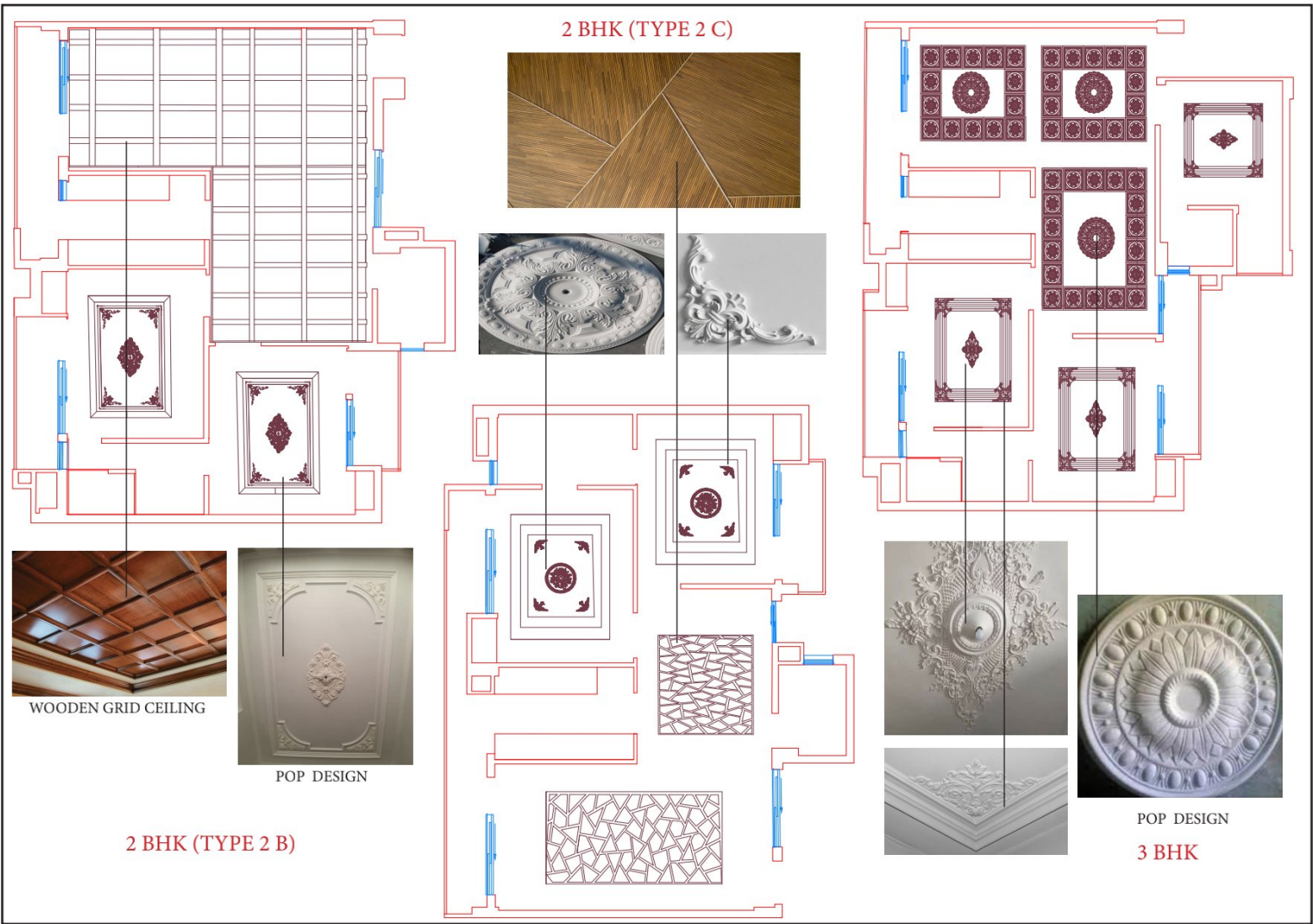


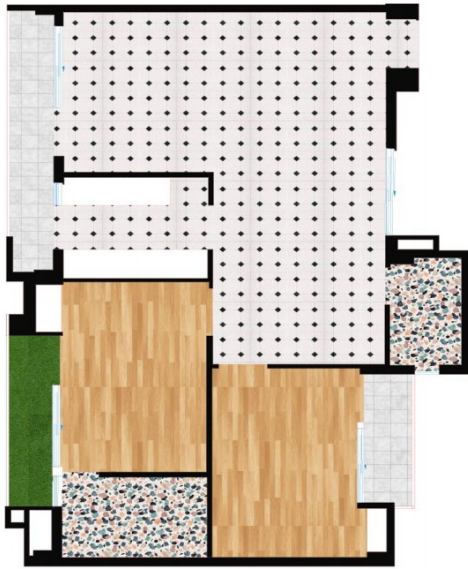
5 Light Brass Chandelier
Price - Rs 13000








Dust Resistance Ceiling Fan
Colour - Gold Mist
Size- 1200mm












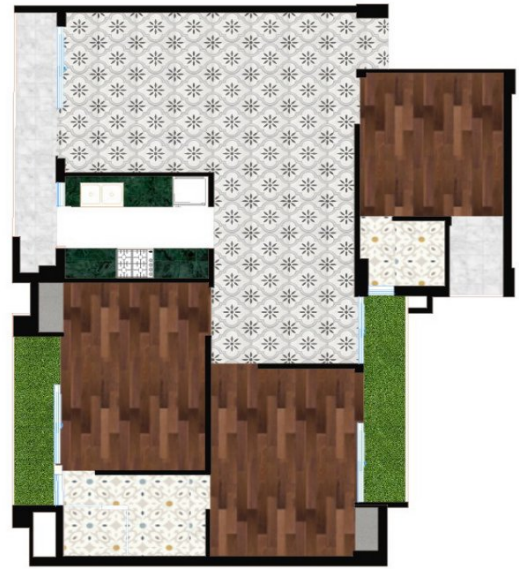
2 BHK (TYPE 2 B)

-  BLACK AND WHITE CHECKED PATTERN TILE
Size: 600x600 Mm
Finish: Glossy Finish
-  WOODEN LAMINATE FLOORING
Thickness: 10 Mm
Size: 7" X 47"
Finish : Medium Gloss Finish
-  TERRAZZO PATTERN CLOURFULL TILE
Size: 300x 300 Mm
Finish: Matte Finish
-  CEREMIC WHITE TILE
Size: 300x 300 Mm
Finish: High Gloss Finish
-  ARTIFICIAL TURF FLOORING


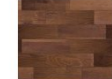





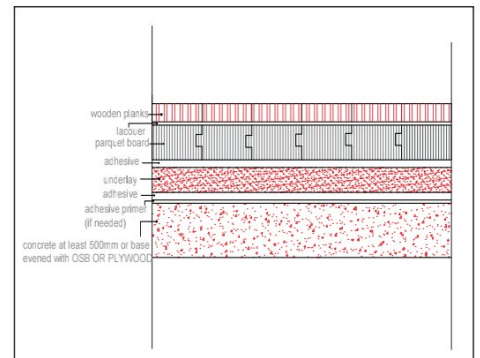
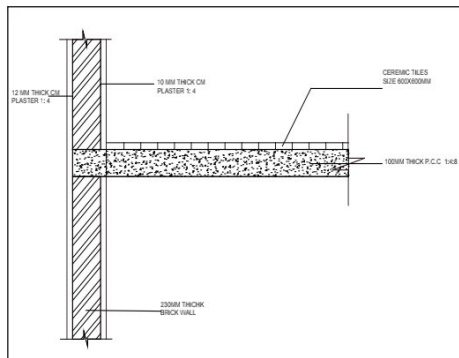
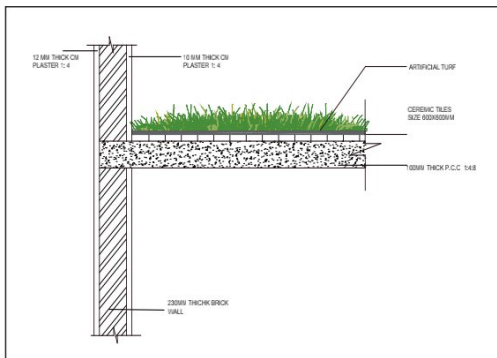
2 BHK (TYPE 2 C)

-  FLORAL PATTERN PORCELAIN TILE
Size: 330x330 MM
Finish: Matte Finish
Thicness: 7mm
-  WOODEN FLOORING
Thickness: 10 Mm
Size: 6" X 36"
Finish : Matte Finish
-  CEREMIC LIGHT BULE TILE
Size: 300x 300 Mm
Finish: Matte Finish
-  CEREMIC WHITE TILE
Size: 300x 300 Mm
Finish: High Gloss Finish
-  ARTIFICIAL TURF FLOORING

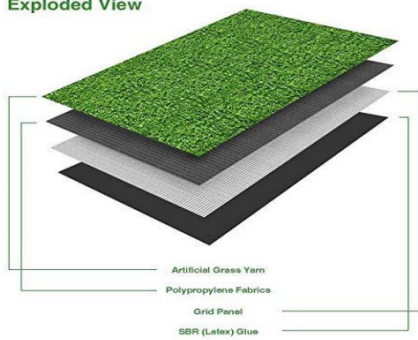


3 BHK

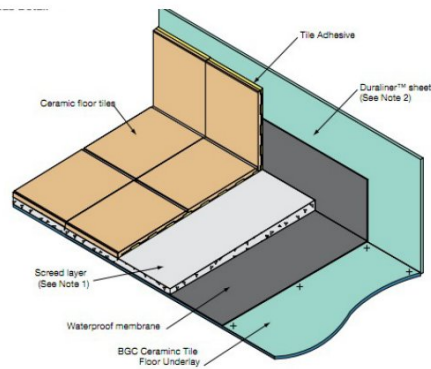
-  BLACK AND GREY PORCELAIN TILE
Size: 330x330 MM
Finish: Matte Finish
Thicness: 7mm
-  WOODEN LAMINATE FLOORING
Thickness: 10 Mm
Size: 6" X 36"
Finish : Matte Finish
-  FLORAL PATTERN CEREMIC TILE
Size: 300x 300 Mm
Finish: Matte Finish
-  CEREMIC WHITE TILE
Size: 300x 300 Mm
Finish: High Gloss Finish
-  ARTIFICIAL TURF FLOORING



Exploded View

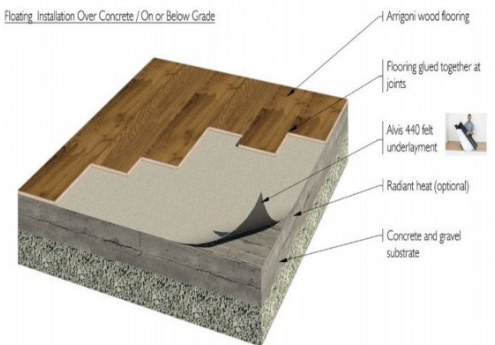


ARTIFICIAL GRASS FLOORING

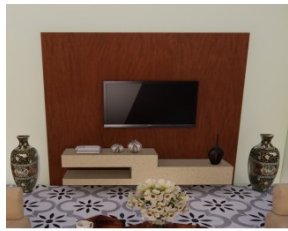
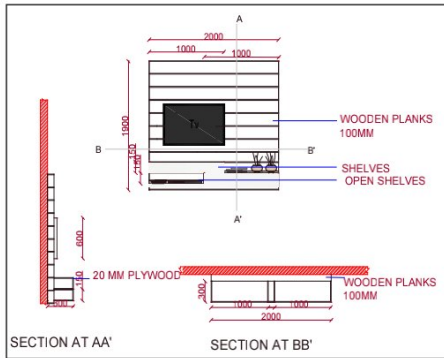


CEREMIC TILE FLOORING

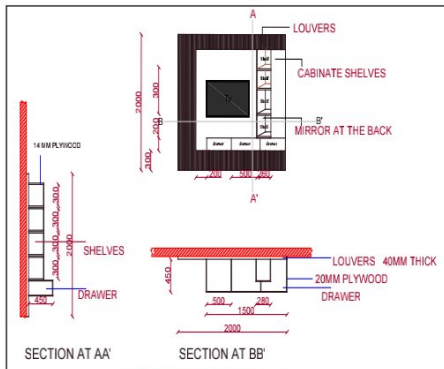
Floating Installation Over Concrete / On or Below Grade



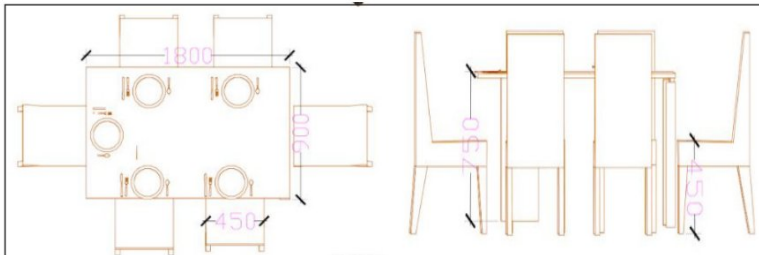
WOODEN FLOORING



FRONT VIEW

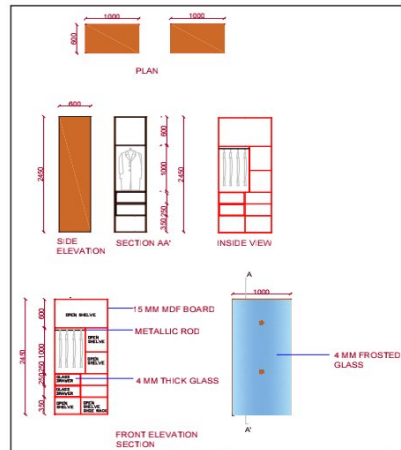


TV UNIT DETAIL



PLAN

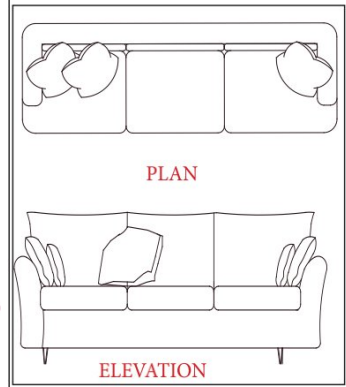
ELEVATION



WARDROBE DETAIL



DINING TABLE

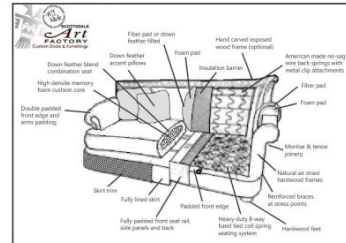


PLAN

ELEVATION



VIEW



SOFA DETAIL