

THESIS REPORT ON

FARM HOUSE AT LUCKNOW
UTTAR PRADESH

A THESIS SUBMITTED
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE DEGREE OF:

BACHELOR OF INTERIOR DESIGN

BY

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(ENROLLMENT NO. 2200107004)

UNDER THE GUIDANCE OF

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AR. MOHIT SACHAN



TO THE
SCHOOL OF ARCHITECTURE AND PLANNING
BABU BANARASI DAS UNIVERSITY
LUCKNOW.

SESSION 2022-23

CERTIFICATE

I hereby recommend that the thesis entitled “**FARMHOUSE AT LUCKNOW UTTAR PRADESH**”, prepared by **PUSHPANJALI YADAV** under the supervision, is the bonfire work of the student and can be accepted as a partial fulfillment for the award of Bachelor’s Degree in Interior Design, School ofArchitecture BBDU, Lucknow.

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Recommendation:- Accepted

Not Accepted

External Examiner

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ACKNOWLEDGEMENT

Our hard work never shines if do not convey our heart feel gratitude to those people from whom we have got considerable support and encourage during this project.

To start with. First and foremost, gratitude towards almighty GOD for his blessings. Then I would like to thank all my faculty members who have supported and guided me all these memorable 4 years.

I would like to thank my thesis coordinator **Ar. Shailesh Yadav** and **Ar. Varsha Verma** who left no stone unturned to shape our thesis in the best possible way and also for his untimely help whenever required.

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THANKING YOU

PUSHPANJALI

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BBD UNIVERSITY LUCKNOW.

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8. The content of the thesis has been organized based on the guidelines. Yes /No
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DECLARATION

I hereby declare that the work done in this thesis project is my own work and I have collected the data from various sources, which I have duly acknowledged in my report.

Date:

Place: Lucknow

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INTRODUCTION TO FARM HOUSE

INTRODUCTION: -

A farmhouse is a kind of property in an agricultural setting, which is used for residential purpose. Usually surrounded by a farm or a garden, such properties are also used as vacation homes with rural flavour. Generally, farmhouses are spread on a huge chunk of land with front porches. Depending upon the available land, farmhouses can be one or two storeys and are often used as second homes or weekend getaways.



TYPES OF FARM HOUSE

- INDUSTRIAL FARM HOUSE
 - SCANDINAVIAN FARM HOUSE
 - RUSTIC FARM HOUSE
-
- **Industrial Farmhouse** -You might want to attempt the industrial farmhouse design style if your husband wants to have a role in how your house is decorated. As a result of drawing its inspiration from the large machinery utilised on farms, this particular farmhouse style is believed to be more masculine.

Industrial farmhouses are characterised by elements like exposed beams, cold metals, natural wood, and industrial lighting and hardware. Some key characteristics of an industrial farmhouse.

- Warm colour scheme
 - Off-white with black accents
 - Sconces with Edison bulbs
 - Furnishing with rusted-out iron frames
 - Rustic wood that is thick and hefty
-
- **Scandinavian farmhouse-** When it comes to furnishing a Scandinavian farmhouse, simplicity is key. Building a simple, modest, and light dwelling is the core concept of this farmhouse design aesthetic. You'll get halfway there if you decorate with a purpose and adhere to the maxim "less is more." Modernism and simplicity are brought by the Scandinavian component of this design, while a cosier, more cosy atmosphere is provided by the farmhouse component. Key characteristics of Scandinavian farmhouse.
 - Natural resources
 - Furniture with delicate curves and clean lines
 - Doors, window trimming, cabinets, built-ins, and counters with simple woodwork
 - Light-colored wood floors
 - Muted colours with accents of black or grey
-
- **Rustic farmhouse-** This farmhouse interior design concept is perfect for you if you enjoy shopping at flea markets and recycling furniture. All of the handmade details and roughness seen in rustic farmhouses are unique from other iterations of this type. White walls are one distinguishing characteristic that rustic farmhouses do share with other variations. This farmhouse design style seems especially cozy and down to earth thanks to its white color palette and old furnishings. Some other characteristics of Rustic farmhouse.
 - Uncoloured palette
 - Open shelves with tin and galvanised metal decorations from the past
 - Damaged warm-to-grey woods (shutters, seating, wall decor)
 - Backsplashes with subway tiles
 - Industrial elements and décor made of blackened steel



SYNOPSIS

FARM HOUSE-

- A farm house is a type of a house , which serve residential purpose in an agricultural setting. It is surrounded by a farm or a well landscaped garden . These can also be called as country houses ,away from one's residential address , where one can go to spend some time in the lap of nature farm houses are designed in varied managed from traditional to modern .but all have the rural or agricultural flavour.

HISTORY AND BACKGROUND-

- The farmhouse can be dated back to the expansive fields of Scandinavia and Germany in Europe. They were most popular among the working-class families. Their designs made their way across the seas, first appearing along the countryside of Quebec and Ontario. Early settlers and pioneers of the Colonial period brought this new architecture to the east coast, thus the beginnings of the Cape Cod and Colonial styles. Since the farmhouse design was easily built by hand and time was as valuable as money, it rapidly spread to the West during the 1700s.



TYPES OF FARM HOUSE

- Farmhouse in Scandinavia
- French farmhouse or country farmhouse
- Farmhouse – the rustic way
- Contemporary Farm house
- The costal farmhouse
- Colonial farmhouse

NEED OF TOPIC

Through the years, the farmhouse design evolved and began incorporating a wide variety of different styles and architectures. They began quite modest in scale and size, but grew into bigger and better homes as families and prosperity increased. The farmhouse is most recognizable by its core design elements that consist of covered porches, white paint, dormer windows and classic symmetry of the windows and doors. The front of the home would be the formal gathering spaces, while the laundry, kitchen and other chore-like rooms were located at the rear. The farmhouse design became a combination of several styles of architecture, including Cape Cod, Salt Box, Colonial, Greek Revival and Southern Plantation. While the addition of other styles and the combination of the timeless design attracted homebuyers and builders, farmhouses were still relied upon for their practicality and proximity of the surrounding land.

AIM AND OBJECTIVE

- To develop the good relationship with the farmer and to gain the confidence
- To obtain or give information relating to the development of farm and home

TENTATIVE PROJECT REQUIREMENT

REQUIREMENTS FOR THE FARM HOUSE-

- ENTRANCE
- ENTRANCE FOYER
- OFFICE

- LOBBY
- DINING ROOM
- DRESSER
- TOILET
- OPEN KITCHEN
- UTILITY
- POWDER ROOM
- DRAWING ROOM
- FIRE ROOM
- SWIMMING POOL
- GYM
- SPA
- SHOWER
- STEAM / SAUNA
- HOME THEATER

METHODOLOGY

Understanding the basic need of design scope -limitations
-studies.

-studies related to the project.

-site analysis.

-study of site conditions and existing features.

-site surrounding studies.

-site climate studies.

-case studies.

-literature studies.

-library studies.

-analyzing the collected data.

-finalizing the area requirement on the basis of --analysis.

-area analysis.

-concept and theme sheet.

-case study and literature study comparative -----standard sheet.

-final the design (plan ,elevation, section,)

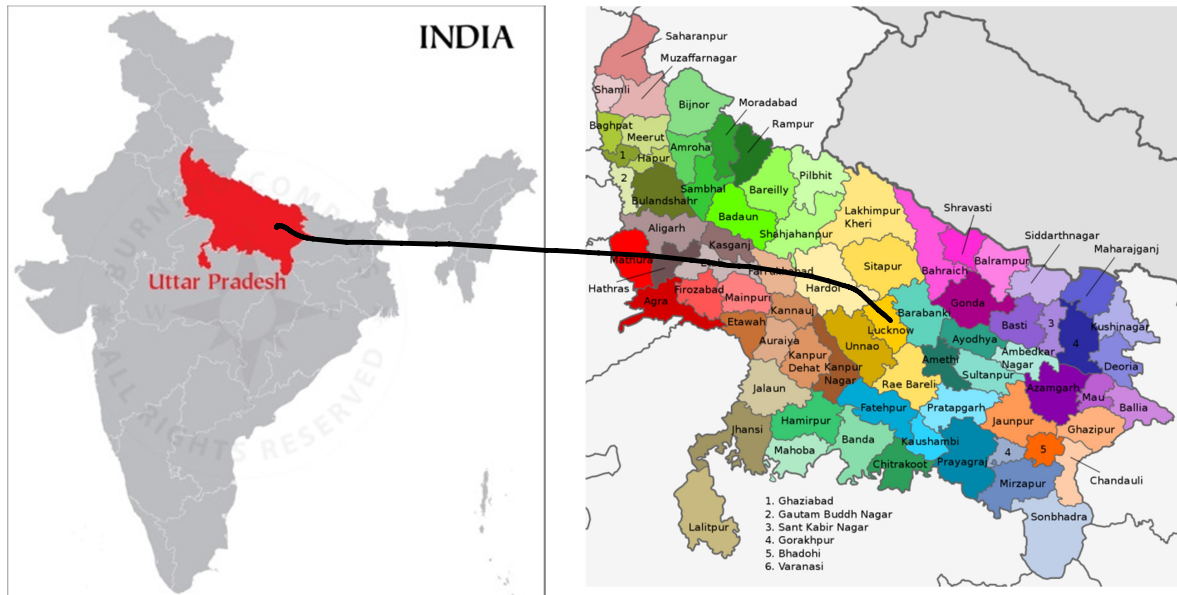
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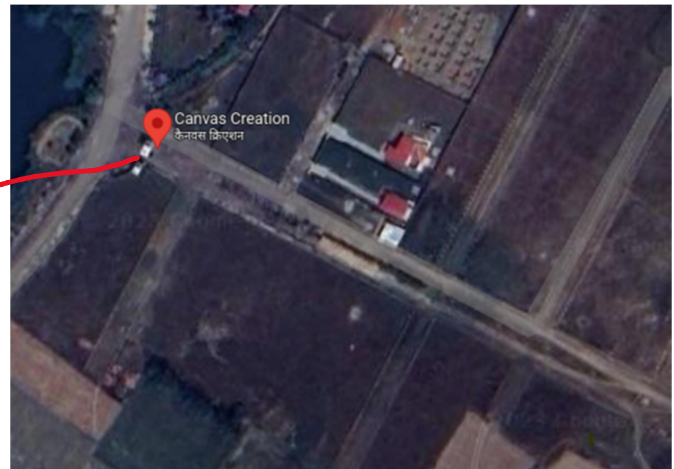
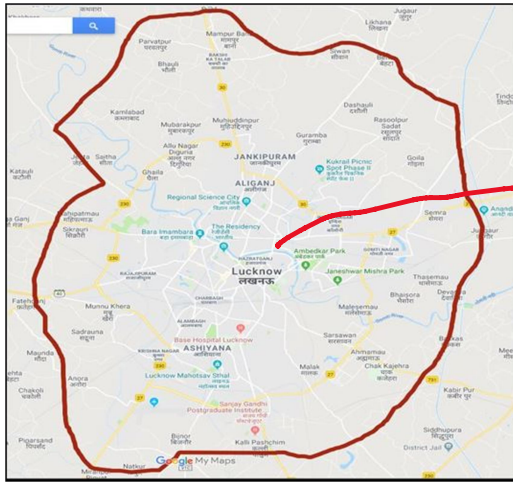
-3d view .

SITE ANALYSIS

INTRODUCTION-

- Farm house is an interior design style that prioritizes practicality, simplicity, and rustic charm. while farmhouse style tends to reflect the aesthetics of rural architecture, it also embraces modern comforts creating a look that feels both cozy and stylish.
- Project building type- Farm house
- Name of the client- Rachna Singh
- Architect-ar. Vaibhav Srivastava
- Location –
- Construction year –March 2022
- Completion year- December2024
- Site area –





REQUIREMENTS OF A FARM HOUSE

- Powder room
- Drawing room
- Fire room
- Swimming pool
- Gym
- Spa
- Shower
- Steam/sauna
- Home theatre
- Entrance
- Entrance foyer
- Office
- Lobby
- Dining room
- Dresser
- Toilet
- Open kitchen
- Utility

INTRODUCTION ABOUT LUCKNOW

- Lucknow is the capital and the largest city of the Indian state of Uttar Pradesh and it is also the second largest urban agglomeration in Uttar Pradesh.
- Lucknow is the administrative headquarters of the eponymous district and division. Lucknow, the capital of Uttar Pradesh was founded by Nawab Asaf-ud- Daula. In the olden times , it served as the capital of the nawabs of Awadh and it is one of the reasons why it is also called as the City of the Nawabs.
- In ancient times, Lucknow was known as Lakshmanpur or Lakhanpur. Hazratganj known as “The Heart of Lucknow.
- Lucknow is called Pink City because every building in this city is painted by royal majestic terracotta pink .



IMPORTANT PLACE OF LUCKNOW



DEWASHARIF



RUMI DARWAZA



LUCKNOW UNIVERSITY



BABU BANARASI DAS UNIVERSITY



AMBEDKER PARK



HAZRATGANJ

CLIMATE DATA OF LUCKNOW

- The city is the capital of the state of Uttar Pradesh and is located in northern India, on the banks of the River Gomti, a tributary of the Ganges, and at almost 27 degrees north latitude.
- The climate of Lucknow is subtropical, with a rainy season that runs roughly from mid-June to early October, due to the monsoon, and a dry season from mid-October to early June.
- The best time to visit Lucknow is from mid November to mid February being the coolest within the dry season.

LUCKNOW LIES WITHIN A COMPOSITE CLIMATE ZONE, HAVING FOUR MAIN SEASONS

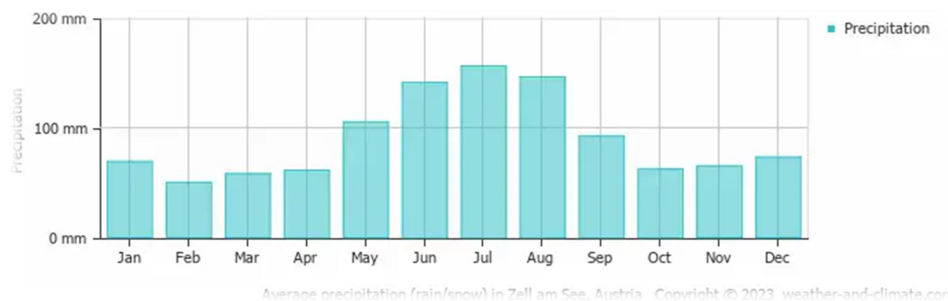
The summer, which is hot and fairly dry; the monsoon which is less hot but humidity the period of moderate temperature and humid, and the slightly cold winter period, the climate data for last twenty years, blinged by the central building research institute, Rourke, is summarized below (CBRI,1989)

Table 1 : Climate data for Lucknow, India

Month	Temperature °C			Rain-fall mm	Avg. rainy day (≥ 0.1 mm)
	Avg. high	Daily mean	Avg. low		
January	19.0	11.3	3.5	21.0	1.5
February	23.3	14.8	6.3	26.0	1.5
March	31.1	21.8	12.5	16.0	1.0
April	36.8	27.9	19.0	15.0	0.6
May	40.0	32.0	24.0	23.4	1.6
June	38.4	32.6	26.7	122.9	5.4
July	33.9	29.8	26.0	276.2	12.0
August	33.2	29.0	25.6	278.9	11.6
September	33.1	28.6	24.1	175.9	8.6
October	31.0	23.4	17.7	24.7	1.7
November	27.7	18.8	10.0	7.4	0.5
December	20.5	12.2	4.7	12.6	0.8
Yearly	30.7	23.7	16.7	1000	46.8

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.



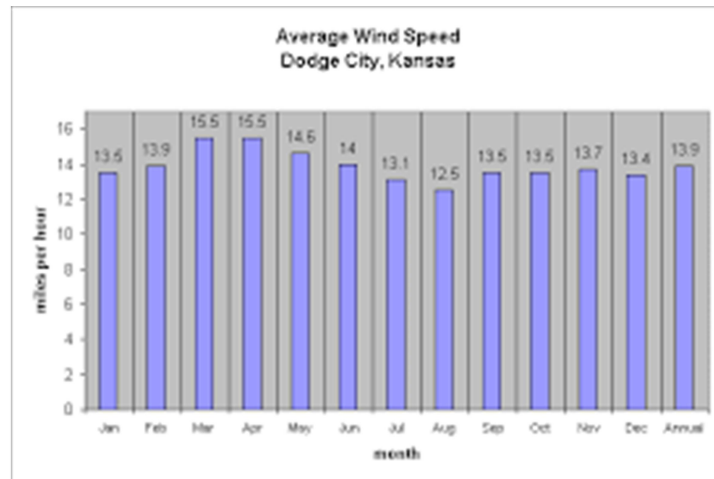
RELATIVE HUMADITY-

- 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%.

Parameter	Relative Humidity, %			
	Minimum	Maximum	Average	Standard Deviation
January	45.5	99.7	80.1	± 13.4
February	37.3	96.1	70.1	± 14.5
March	26.9	89.5	53.5	± 14.8
April	17.5	92.5	45.6	± 14.6
May	26.0	78.5	51.7	± 11.9
June	38.5	97.5	62.4	± 11.4
July	48.2	98.2	81.8	± 10.3
August	56.0	99.6	86.1	± 8.8
September	53.6	98.7	80.7	± 9.9
October	35.7	90.5	66.3	± 14.0
November	41.3	94.8	69.8	± 13.7
December	48.3	95.8	74.6	± 13.6

WIND SPEED-

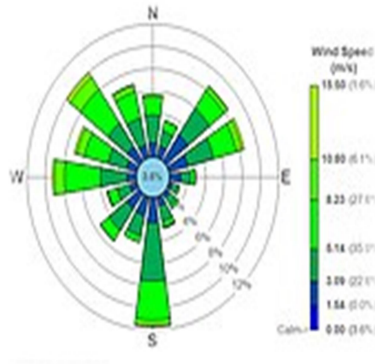
- The wind speed in the range of 8to10km/hour form may to september the pre dominant wind direction is east.



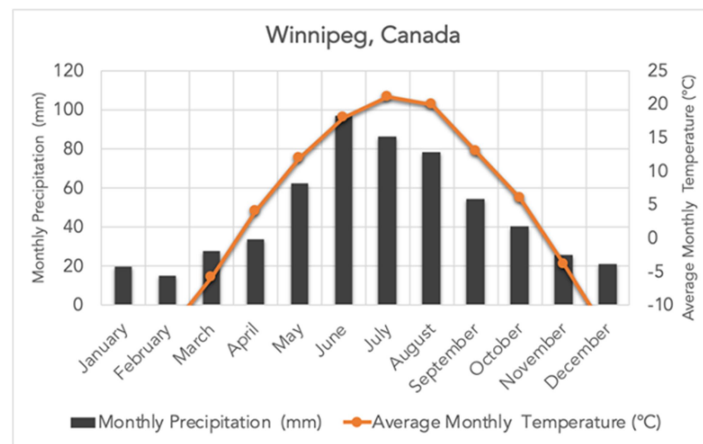
WIND ROSE MOVEMENT-

- Wind roses are set up in a circle, just like a compass. When looking at one, the top represents north, the right represents east, the left west, and the bottom south. As a

"spoke" extends along one of these directions, that indicates the wind was blowing from that direction, not toward it.

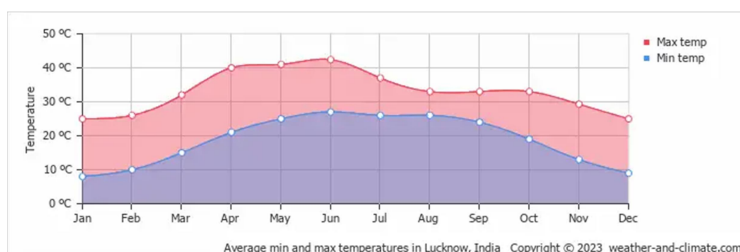


PRECIPITATION GRAPH-

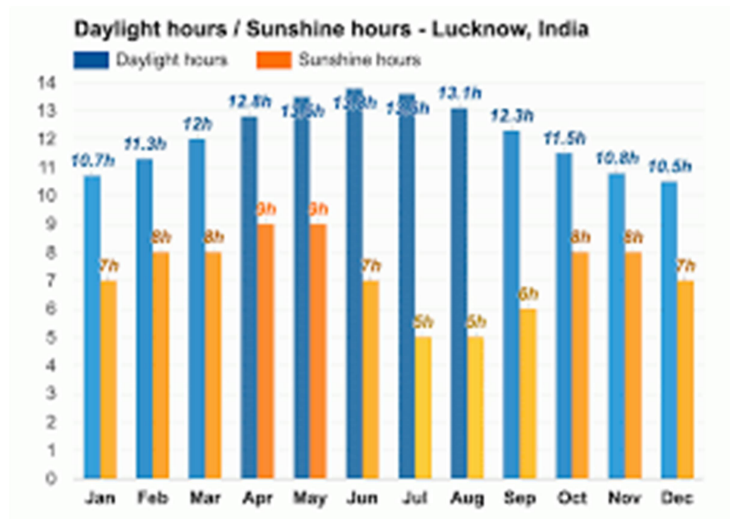


AVERAGE TEMPERATURE-

- The hottest month of the year in Lucknow is June ,with an average high of 100°C 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 48°F.



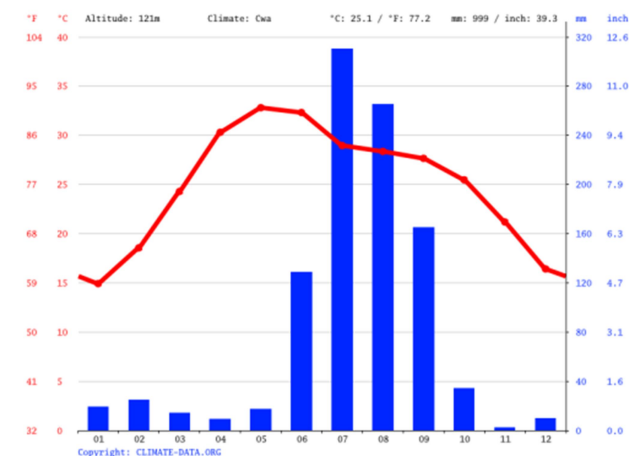
DAYLIGHT & SUNSHINE GRAPH



CLIMATE INFORMATION

Hottest Month	June(33 °C avg)
Coldest Month	January(15 °C avg)
Wettest Month	July(194.7mm avg)
Windiest Month	June(9km/h avg)

LUCKNOW CLIMATE INFORMATION



SITE PICTURES



LITRATURE STUDY

PAWA FARMHOUSE

INTRODUCTION-

Project name:- PAWA farm house

Architect name:- ar. Sanjay Patil (principal architect)

Site area:- 12,300 sqm / built up area = 302 sqm

Location:- Nashik

BRIEF-

The PAWA farmhouse sits amidst a landscape of lush green meadows that has wild rabbits and peacocks surrounded by rolling hills. The farmhouse is shared between the families of two friends who are also partners in business. The plot is an elongated rectangle with the house placed at the far end of the site.

This is to provide sufficient transition within one's plot boundary using the vegetation and landscape as elements before arriving at the house.



Large window opening and balconies help connect the inside with the overwhelming surroundings. Outside all spaces are capacities with good natural light.

And ventilation thus reducing energy consumption drastically. The exterior landscaping is lit with solar powered lights. The large roof overhang incidentally forms the identity of this house. They protect the balconies from sun and rain and help in framing views of the hills far beyond. The organisation of the farmhouse makes it an intrinsic space overlooking the orchard rejoicing the produce that is grown in the farm by its conscious and caring owners.

MATERIAL:-

In this project used interior material are:- Natural material , leather ,cotton .wood, terracotta, bamboo, brick, concrete, stone, reclaimed wood.



FLOOR PLAN:-



GROUND FLOOR



SITE PLAN

CASE STUDY-1

CANT, LUCKNOW

INTRODUCTION-

This lush, verdant home is rooted in the earth and camouflaged by the trees beyond. “It's a modern interpretation of the Balinese architectural style Here, luxury is inextricable with nature, enriched within its very elements. “It's a mirage where the experience of the outdoors and indoors is perceived as one.” “The rough stone on the walls and the honed stone on the floors offset the organic wooden finishes. The single-storey structure blends in with the landscape, nodding to the elements of nature.

LOCATION:- Cant, Lucknow

ARCHITECTS:- 42mm Architecture

AREA:- 3 acres

YEAR:- 2022

LEAD ARCHITECT :-Ar. Nidhi Patel, Ar. Sukhpreet



Landscape:-

Unpolished, raw and unfussy are likely the first words that come to mind for the casual observer. “None of the materials are glossy. There are no artificial or contrived finishes,” The material vocabulary is composed of leather-finish stone, hand-carved wood, motifs and textures inspired by forms in nature. “The rough stone on the walls and the honed stone on the floors offset the organic wooden finishes,”



Rustic Style

CONCEPT

Modern farmhouse design : Takes the comfortable, relaxed farmhouse style and adds modern touches such as smooth lines, glossy accents and neutral color schemes. It's less rustic, more sophisticated and uses contemporary design elements like stainless steel appliances, granite countertops and sleek lighting .

THEME

MODERN STYLE

In interior design, the Modern Style creates functional spaces with a delightful aesthetic. The Bauhaus philosophy and architecture inspire the style, highlighting the use of clean lines, geometric form, and natural materials. Modern style in interiors evokes a simple yet elegant lifestyle.

ELEMENT OF MODERN STYLE

- Using Color to Evoke Various Moods.
- Tying in Texture and Materials.
- Examining Shape and Lines of Furniture and Other Elements.
- Bringing in Natural Light and Openness.
- Adding Tension Between Industrial and Natural Elements.

RUSTIC

Rustic interiors are defined by ruggedness and letting natural beauty shine. The focus is to create a relaxing atmosphere by highlighting the use of wood, stone, leaves, and other organic elements. Rather than worry about perfect lines, rustic allows the character of each piece to stand out. From knots in the wood to rust on metal, this style celebrates character in a big way.



A Brief History

Rustic interior design is based on early settlers throughout the US who made their homes far from cities during the 19th century. Many of these pioneers brought little to no furniture with them as space was scarce and furniture was heavy. As people settled and made their homesteads, their homes were quickly put together with materials found locally. While vastly different than the traditional parlors of Europe or the Colonial styles in Northeastern states, the rustic design has a charm all its own.

Characteristics of Rustic Interior Design

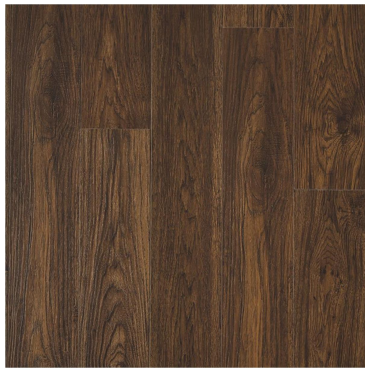
Imperfect elements create a perfectly welcoming atmosphere

- Main Colors: Wood grains or browns, beiges, or warmer shades of white.
- Accent Colors: Muted colors - tans, reds, blues, greens, yellows, and grays.
- Shapes: Rugged, imperfect lines and silhouettes.
- Fixture Finishes: Iron, pewter, copper, or brass.
- Aesthetic: Imperfect but warm and inviting.
- Decor/Art Style: Animal hides and fur, antlers, throws, pillows, and rugs with simple motifs or patterns.

Rustic vs Farmhouse

At a glance, farmhouse design and rustic design share some similarities. Both have a focus on comfort and simplicity, but how they achieve those goals is different. Farmhouse is simple but still relies on refined elements, with just a few rougher pieces to add charm. Rustic, or mountain interior styles, are the opposite. Most elements will be rugged or unfinished, with maybe a few refined pieces to make the design more contemporary.

Create The Rustic Look



COLOUR

Rustic colors are deep and natural. The color palette swings heavily towards neutral, and rich earthy tones like greens, browns, and grays are common color choices. Combined with the right room elements, the room's vibe is warm, relaxed, and welcoming.

- Color Family: Earth tones
- Complementary Colors: They work with virtually all colors because they tend to be neutral
- Pairs Well With: Wood tones, stone hues, rust reds, metallic colors, and forest tones
- Mood: Comfortable and welcoming

ROCKWOOD RED

Deep, warm red colours are the cornerstone of many rustic color palettes because of their versatility with warm and cool colors. Sherwin-Williams Rockwood Red has a strong presence and can stand up to the boldest architectural details and natural elements. This rich tone pairs well with concrete gray, copper, and gold.



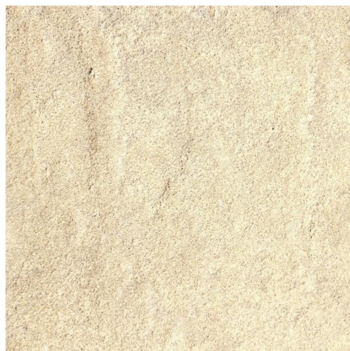
SHELBURN BUFF

In the quest to find the perfect gold, Shelburne Buff makes a compelling statement with this buff tone that has a hint of gold. The gold is toned down, making it a popular neutral that works with a variety of styles. This paint color is part of Benjamin Moore's historic collection of classic, timeless tones that work virtually anywhere in the house



WARM STONE

Warm Stone is a warm brown with just a hint of gray. A greige, deep or light, works well with natural stone. Most natural stones appear to have gray and brown woven naturally, so a deep greige like Warm Stone can easily pick up those colors. When it pairs with white and a lot of natural light, this deeper tone warms the room instead of darkening it



HAZELNUT CREAM

Not every color in your rustic palette needs to be deep and rich. A pale neutral, like Behr's Hazelnut Cream, creates a breathing space for your palette. Choose pale neutrals with a warm undertone to keep your colors working together beautifully. Hazelnut Cream is a warm off-white that looks gorgeous with rustic furniture and wood beams

RAINY AFTERNOON

Not quite gray, not quite green, Benjamin Moore's Rainy Afternoon has just enough green to make it an excellent match with natural gray stone, but enough warmth to work with natural woods. The complex colors of Rainy Afternoon would be dramatic as an accent wall or front door.

MOOD BOARD

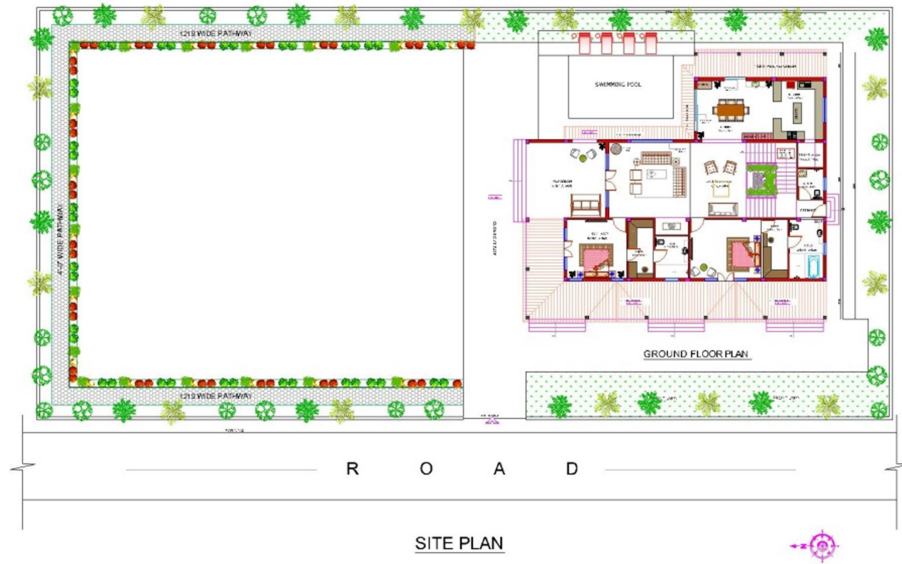
- WALL FINISH –Rustic texture paint,lovers,stone
- FINISHING MATERIAL- wooden laminate,paint
- FLOORING-Wooden Flooring Herringbone,Mosaic Tiles,Deck Flooring,Vitrified tiles,NATURAL STONE
- CEILING-Gypsum board,wooden
- LIGHTING-led light, strip light
- FURNITURE-Reclaimed wood
- DOORS-wooden door,fixed glass door
- PLANTS-indoor plant

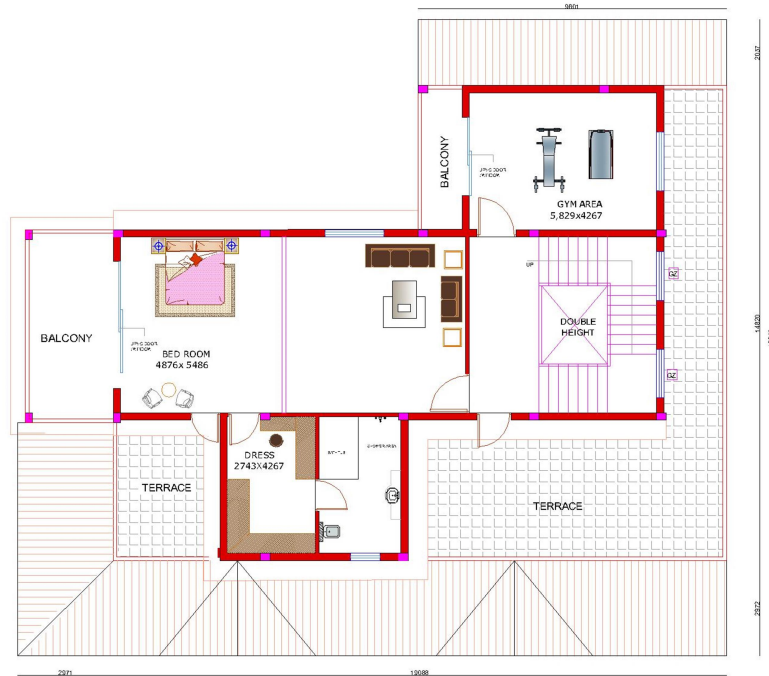


MATERIAL BOARD

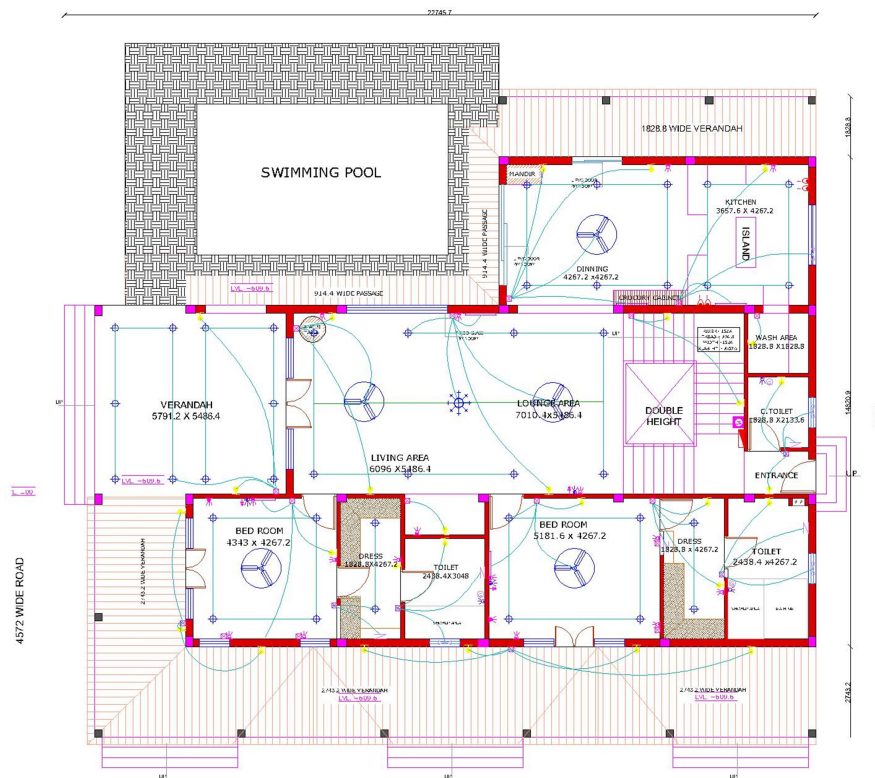


FLOOR PLAN FURNITURE LAYOUT PLAN

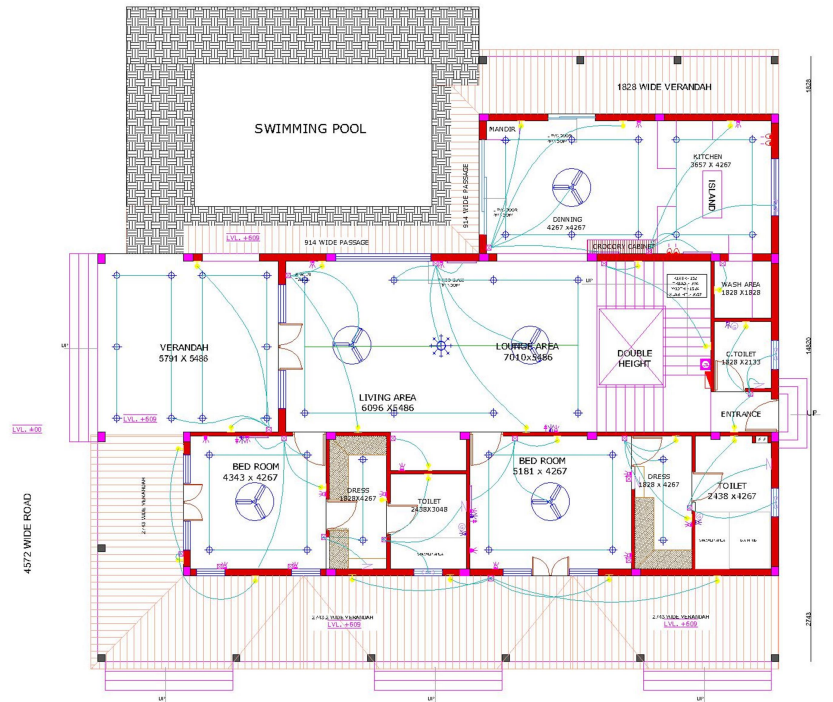




FIRST FLOOR FURNITURE LAYOUT



GROUND FLOOR ELECTRICAL LAYOUT

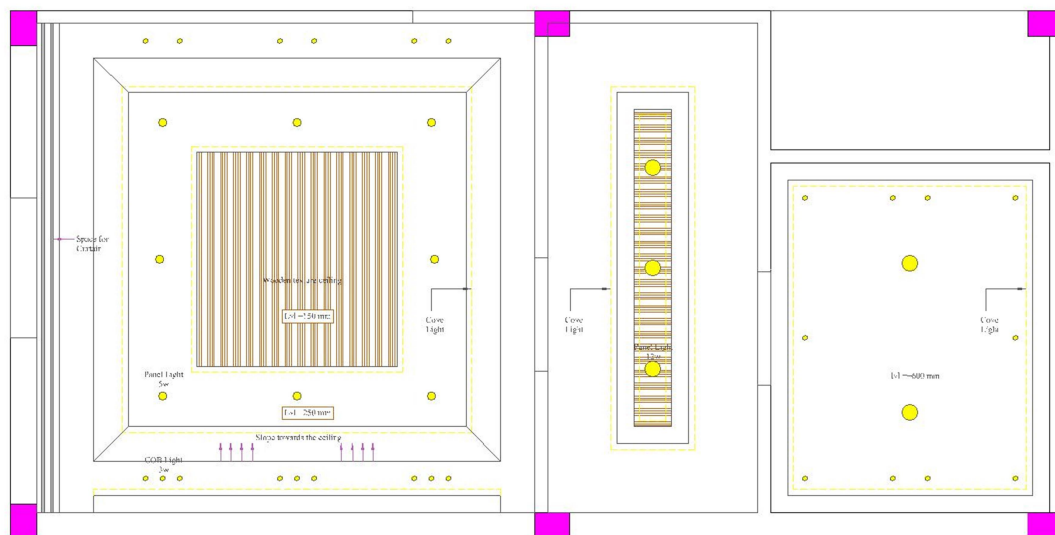
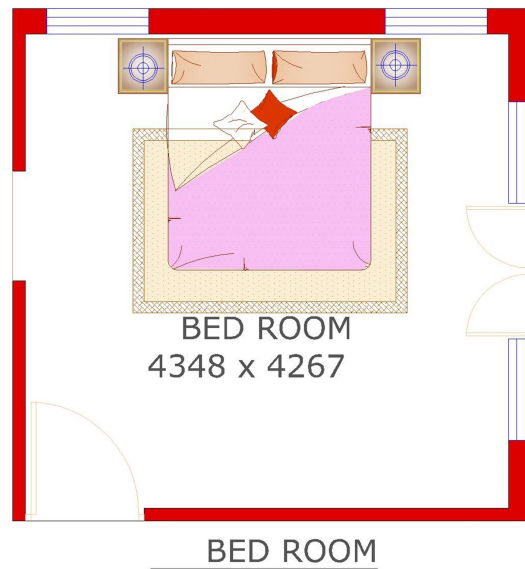


FIRST FLOOR ELECTRICAL LAYOUT



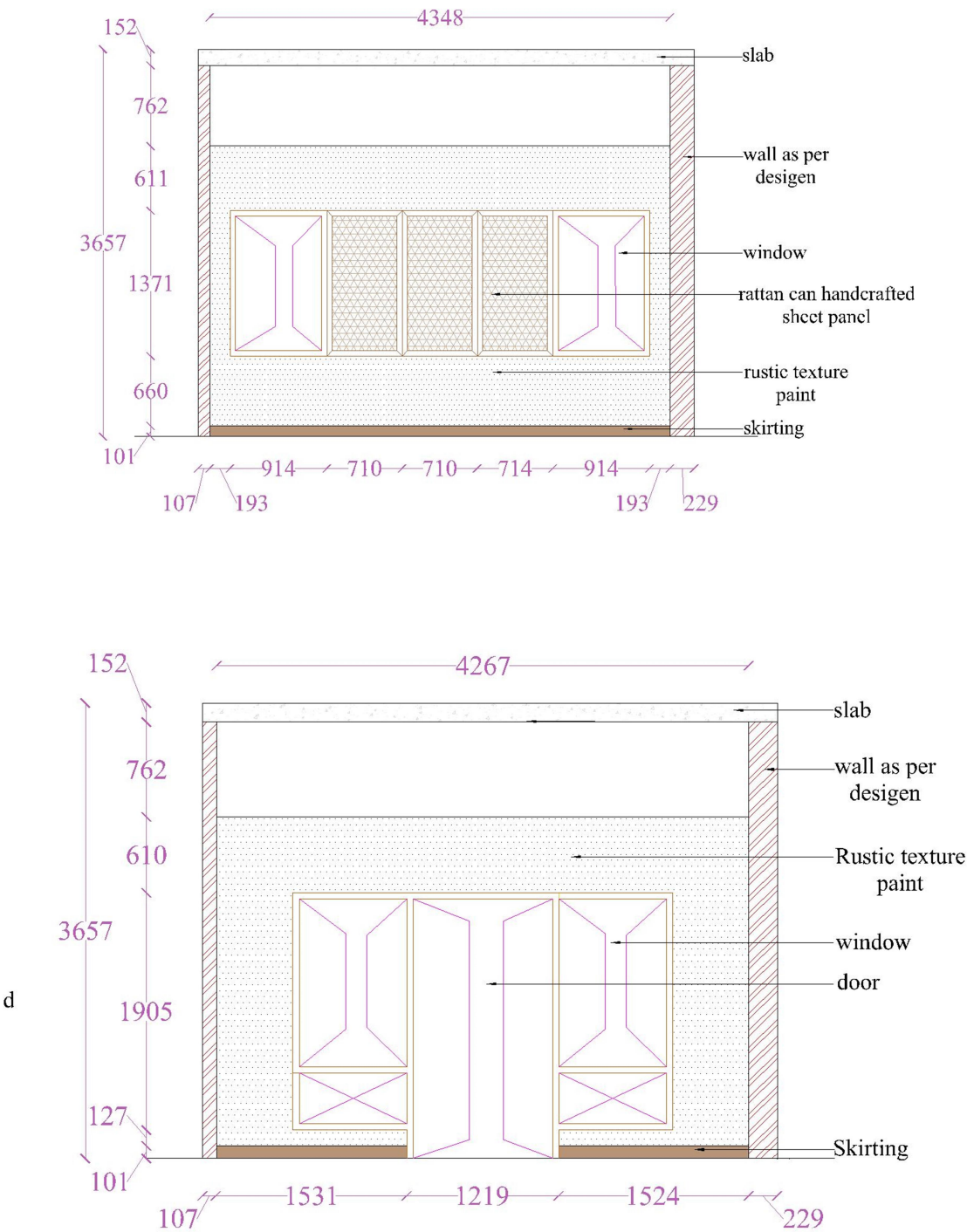
FLOORING LAYOUT GROUND FLOOR

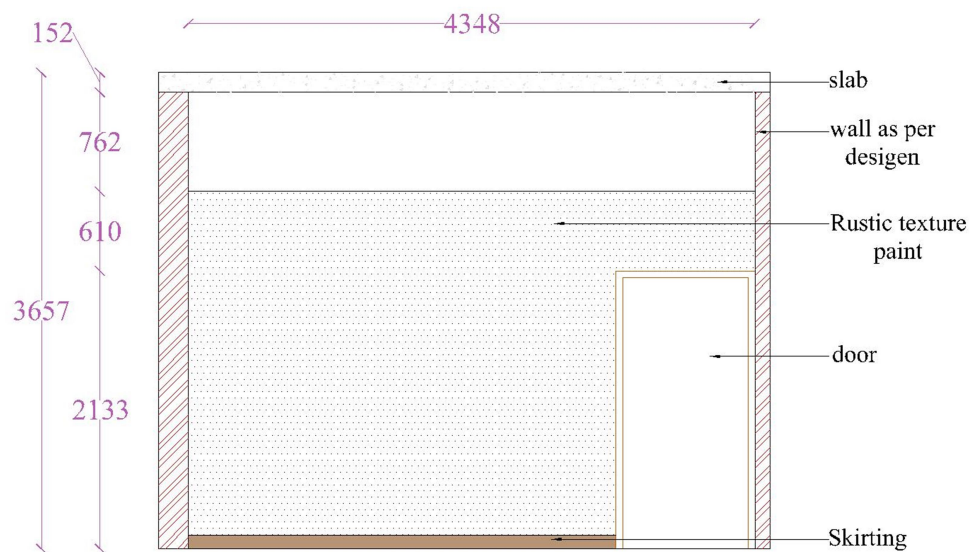
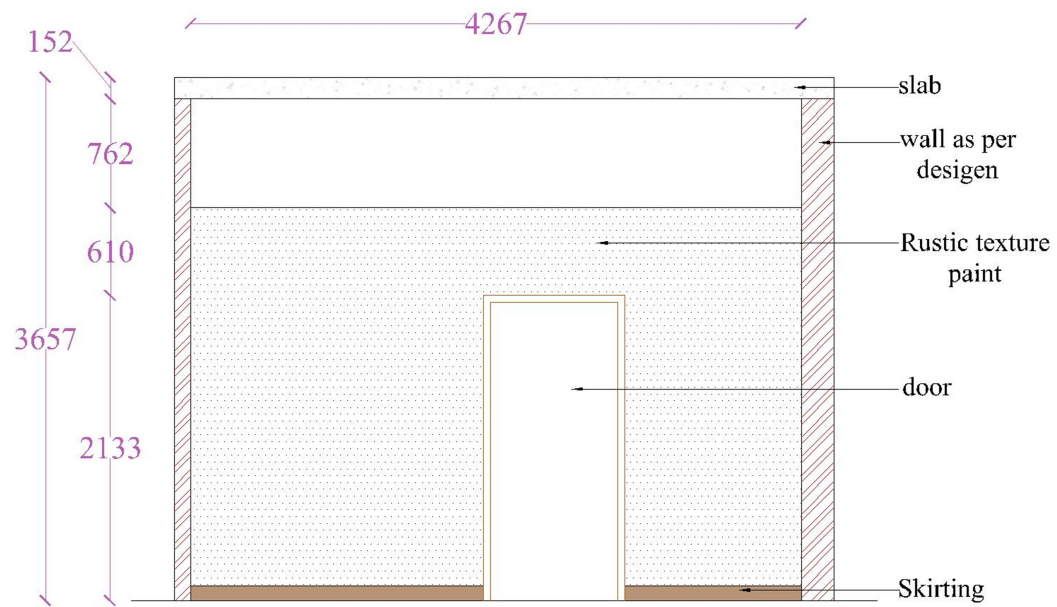
BEDROOM-1:-

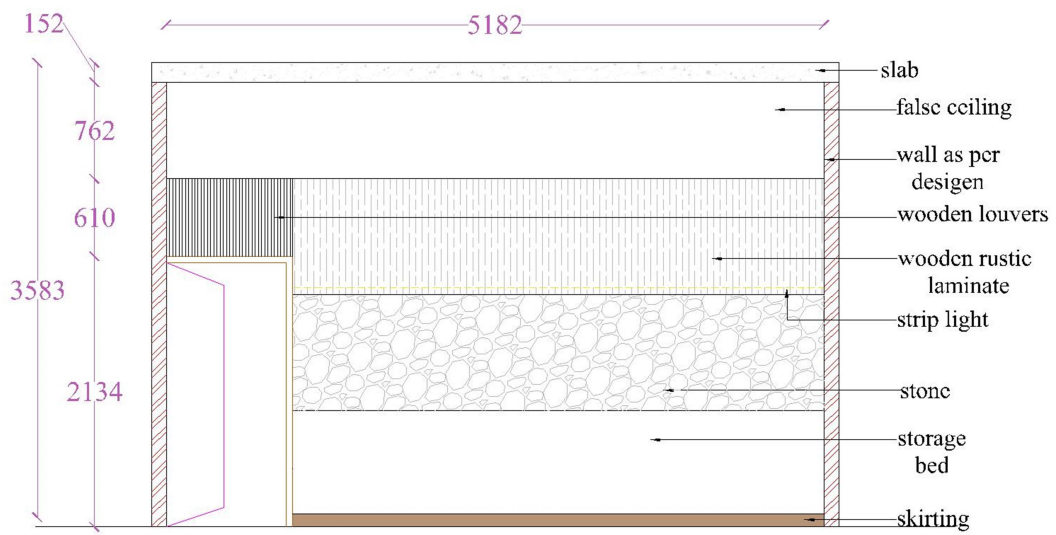
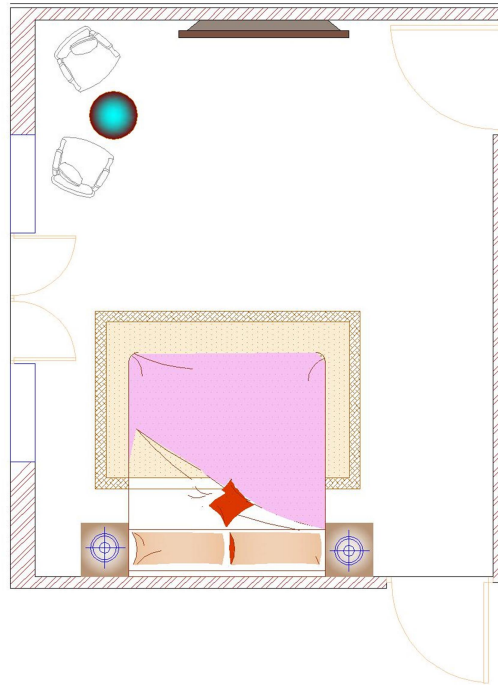


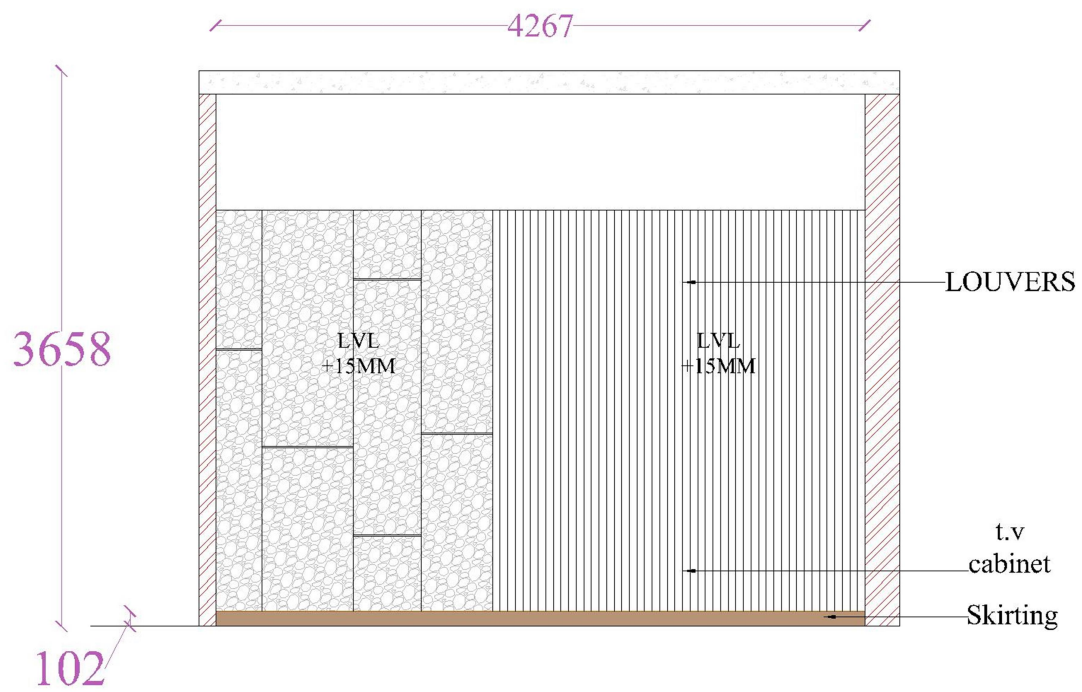
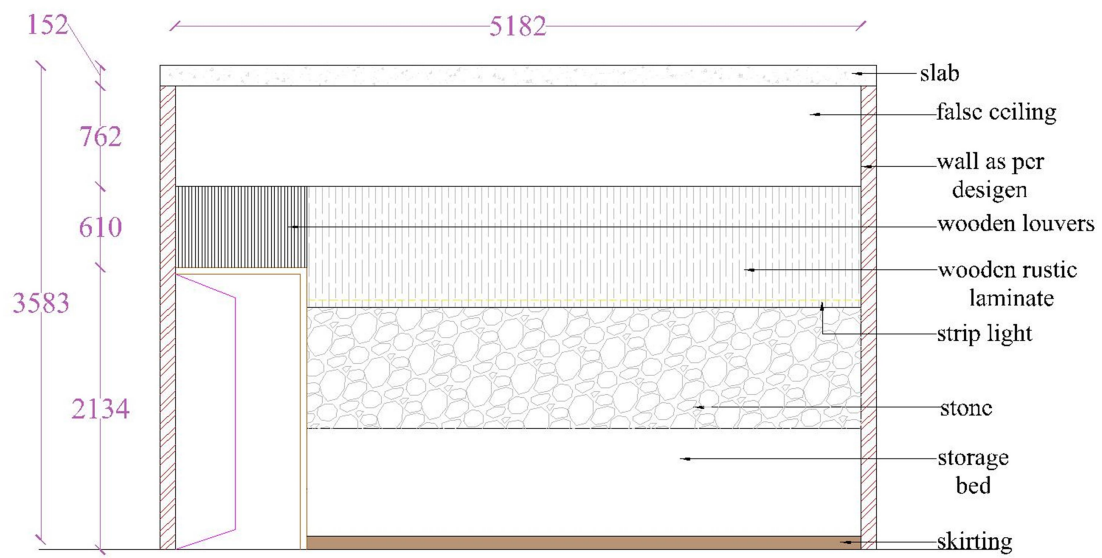
false ceiling

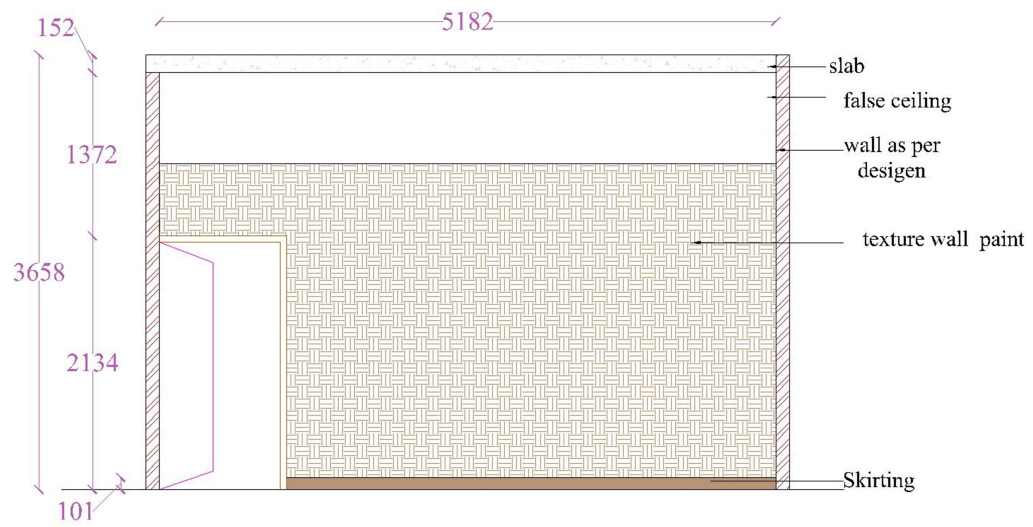
INTERIOR WORKING-











INTERIOR 3D VIEW



