THESIS REPORT ON "VILLA KASIMPUR VIRUHA LUCKNOW"



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

BACHELOR OF INTERIOR DESIGN

BY
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THESIS GUIDE

AR.. MOHIT SACHAN

SESSION

2021-22

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

SCHOOL OF ARCHITECTURE AND PLANNING BABU BANARASI DAS UNIVERSITY, LUCKNOW (U.P.).

CERTIFICATE

I hereby recommend that the thesis entitled "VILLA KASIMPUR VIRUHA
LUCKNOW " under the supervision, is the bonafide work of the students and can
be accepted as partial fulfillment of the requirement for the degree of Bachelor's
degree in interior design, school of Architecture and Planning, BBDU, Lucknow.

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		Not Accepted	
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ACKNOWLEDGEMENT

I acknowledge my sincere thanks to my guide AR. MOHIT SACHAN who guided me through active participation in discussions and gave his kind cooperation throughout the process. My sincere thanks to our Thesis coordinator Mr. Ar. SAURABH SAXENA for his cooperation and understanding at every stage of the study, which gave my study a new direction and made it more meaningful. I am thankful to our Dean, Prof. Ar. Mohit Aggarwal, for his cooperation and invaluable support. I am also thankful to the persons concerned to my studies for their cooperation and devoting their valuable time for discussing withme.. Above all, thanks to my friends for their sincere help throughout, without which this report would not have been in its present shape. Last but not the least I thank my Parents for their forever support and blessings.

SUNIL KUMAR

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SITE ANALYSIS KASIMPUR VIRUHA LUCKNOW

INTRODUCTION

villa is a type of house that was originally an ancient Roman upper-class country house. Since its origins in the Roman villa, the idea and function of a villa have evolved considerably. After the fall of the Roman Republic, villas became small farming compounds, which were increasingly fortified in Late Antiquity, sometimes transferred to the Church for reuse as a monastery. Then they gradually reevolved through the Middle Ages into elegant upper-class country homes. In modern parlance, "villa" can refer to various types and sizes of residences, ranging from the suburban semi-detached double villa to residences in the wildland – urban interface.

WHAT IS VILLA

villa is a fancy vacation home.

Calling your weekend country house a villa will inevitably sound like you're showing off. Still, the word has been around ever since ancient Roman times to mean "country house for the elite." In Italian, *villa* means "country house or farm." Most villas include a large amount of land and often barns, garages, or other outbuildings as well.

How villa is different from Bungalow and Duplex Apartment

	VILLA	BUNGALOW	DUPLEX APARTMENT
Floors	Multiple floors based on owner preference.	Multiple floors based on owner preference.	Two floors for a single family.
Location	Built on a large piece of land.	Built in a gated community.	Built in an apartment building.
Amenities	All amenities are available for private use.	May or may not have modern amenities.	All amenities are available on a sharing basis.

CULTURAL BACKGROUND

Lucknow has an interesting blend of traditional and modern culture and values. While the palatial structures are a constant reminder of the halcyon Nawab days, the recent glass building malls reflects the posh and prime side of the city. What makes Lucknow even more attractive is the genuine warmth of the Lucknowi people. That two contrasting and contradictory world can peacefully co-exist without any collision and confrontation can only be understood and realized after a trip to this Land of Nawabs.

It is Lucknow's old world charm, fine arts and royal splendour that attracts huge tourist footfall in the city every year. Not many cities in India have managed to restore the rich cultural heritage as beautifully as Lucknow. Thanks to the royals of 18th and 19th century who were blessed with liberal and secular minds that helped Lucknow evolve as city with distinct cultural values complimented with modern thinking.

Lucknow is often acknowledged as the hub of traditions and customs. Lucknow's "Mehmaan Nawazi" is a custom that the residents strictly follow and this custom has earned the city huge respect from the expats.



VISUALS DEPICTING EVOLUTION OF CULTURAL PLACES IN LUCKNOW



Rumi Darwaza



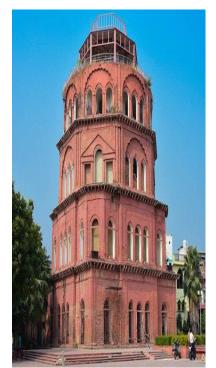
Dilkusha Kothi Palace



Bara Imambara



Chattar Manzil



Satkhanda



Avadh Shilpgram



Constantia House

SITE INTRODUCTION

Owner – Vaibhav Tripathi
Location – Sapphire Royale & Residency, National Highway
56, Kasimpur Viruha, Uttar Pradesh
Area – 1400 sq. mt.

Shape of the Site – reactungal Architecture firm – Atkins

SITE SURROUNDINGS WITH LANDMARKS





tdl college

park





r.k hospital





banquet hall

site

The site is directly accessible from sultanpur road Access Roads on 1 sides kasimpur has well surrounded commercial, institutional, residential and upcoming projects of the city.



Transport To Access The Site

- NEAREST AIRPORT IS 25 KM AWAY
- NEAREST RAILWAY STATION ANAND VIHAR 19 KM
- NEAREST ISBT Tiwariganj bus Terminus
- DUE TO NH24 LOCAL TRANSPORT IS AVAILABLE

Demography

According to the 2011 census Lucknow district has a population of 4,589,838, roughly equal to the nation of Georgia or the US state of Louisiana This gives it a ranking of 31st in India (out of a total of 640). The district has a population density of 1,815 inhabitants per square kilometre (4,700/sq mi). Its population growth rate over the decade 2001-2011 was 25.79%. Lucknow has a sex ratio of 906 females for every 1000 males, and a literacy rate of 79.33%. [7]

According to the 2001 census Lucknow district had a population of 3,681,461.

Religion

There is harmony between people of different religions in the city of Lucknow. The Lucknow Pact between the Indian National Congress and the Muslim League was agreed upon at the joint session of both parties in 1915. Religious institutions include Sankat Mochan Hanuman Temple, Sri Ramakrishna Math and Chandrika Devi Temple

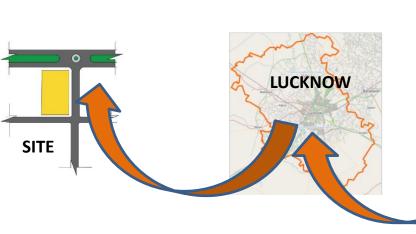
±%.p.6	Pop.	Year
_	793,241	1901
-0.379	764,411	1911
-0.549	724,344	1921
+0.849	787,472	1931
+1.899	949,728	1941
+1.749	1,128,101	1951
+1.739	1,338,882	1961
+1.919	1,617,846	1971
+2.229	2,014,574	1981
+3.219	2,762,801	1991
+2.829	3,647,834	2001
+2.329	4,589,838	2011
		source: ^[4]

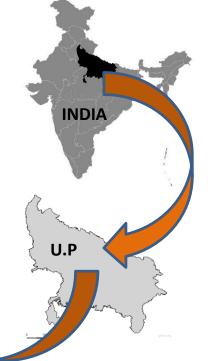
Religions in Lucknow District ^[8]						
Religion	Percent					
Hindus	77.08%					
Muslims	21.46%					
Sikhs	0.52%					
Others	0.49%					

Languages

At the time of the 2011 Census of India, 91.19% of the population in the district spoke Hindi (or a related language) and 7.56% Urdu as their first language.

Languages spoken here include Awadhi, a vernacular in the Hindi continuum spoken by over 38 million people, mainly in the Awadh region. Urdu and Hindi are also the two mainstream languages of the district.







Climate Study

Lucknow-The capital of Uttar Pradesh is a land locked city. The distance from the sea gives Lucknow an extreme type of continental climate with the prevalence of continental air during major parts of the year. Only during the four months from June to September does the air of oceanic origin penetrate to this region and causes increased humidity, cloudiness and rain. About 75 % of the total rainfall is realized during these four months. The year can be broadly divided in to four seasons. The cold season starts from December and extends up to end of February. This is followed by the hot weather season which lasts till about first fortnight of June when monsoon arrives over the region. The monsoon continue till September. The two post monsoon months of October and November constitute a transition season from monsoon to winter conditions.

The summers in Lucknow are very hot and winters very cold. The temperature may rise up to about 46 degree Celsius in summers, though the average temperature is around 38-39 degree Celsius. There are about 4-6 days of heat wave when the maximum temperature of a day rises to 4-6 Celsius above normal values. Though the winters are not bitterly cold on most of the days, the temperature may fall to 3-4 degree Celsius for a few days in winters when the cold winds from the Himalayan region makes the winters chilly. The winters are also marked by mist and fog in the mornings. However, the Sun is often seen in the afternoons.

Temperatures

Climate data for Lucknow, India													
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Average high °C (°F)	22.6	26.0	32.2	38.1	40.5	38.7	33.6	32.5	33.0	32.5	28.9	24.1	31.9
	(72.7)	(78.8)	(90.0)	(100.6)	(104.9)	(101.7)	(92.5)	(90.5)	(91.4)	(90.5)	(84.0)	(75.4)	(89.4)
Daily mean °C (°F)	14.7	17.6	23.2	29.3	32.6	32.9	29.8	29.0	28.6	25.7	20.3	15.7	24.9
	(58.5)	(63.7)	(73.8)	(84.7)	(90.7)	(91.2)	(85.6)	(84.2)	(83.5)	(78.3)	(68.5)	(60.3)	(76.8)
Average low °C (°F)	6.9	9.3	14.2	20.5	24.7	27.1	26.1	25.6	24.3	19.0	11.8	7.4	18.1
	(44.4)	(48.7)	(57.6)	(68.9)	(76.5)	(80.8)	(79.0)	(78.1)	(75.7)	(66.2)	(53.2)	(45.3)	(64.6)
Rainfall mm (inches)	21.9	11.2	7.7	4.9	16.5	107.4	294.3	313.9	180.6	45.2	3.8	7.3	1,014.1
	(0.862)	(0.441)	(0.303)	(0.193)	(0.65)	(4.228)	(11.587)	(12.358)	(7.11)	(1.78)	(0.15)	(0.287)	(39.949
Avg. rainy days (≥ 0.1 mm)	1.6	1.1	0.7	0.5	1.0	4.2	11.6		7.4	2.0	0.3	0.7	44.2
Mean monthly sunshine hours	203.4	217.5	248.7	271.0	283.5	198.0	167.4	166.7	219.0	269.7	246.0	217.0	2,707.

Precipitation

The climate here is mild, and generally warm and temperate. In winter, there is much less rainfall than in summer. The Köppen-Geiger climate classification is Cwa. The average annual temperature in Lucknow is 25.1 $^{\circ}$ C | 77.2 $^{\circ}$ F. Precipitation here is about 999 mm | 39.3 inch per year.

Winds

This section discusses the wide-area hourly average wind vector (speed and direction) at 10 meters above the ground. The wind experienced at any given location is highly dependent on local topography and other factors, and instantaneous wind speed and direction vary more widely than hourly averages.

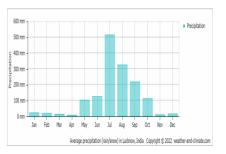
The windier part of the year lasts for 7.8 months, from January 21 to September 15, with average wind speeds of more than 6.2 miles per hour. The windiest month of the year in Lucknow is June, with an average hourly wind speed of 8.0 miles per hour.

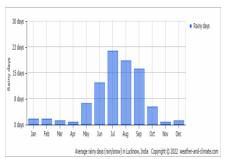
The *calmer* time of year lasts for 4.2 months, from September 15 to January 21. The *calmest* month of the year in Lucknow is October, with an average hourly wind speed of 4.6 miles per hour.



 Jan
 Feb
 Mar
 Apr
 May
 Jun
 Jul
 Aug
 Sep
 Oct
 Nov
 Dec

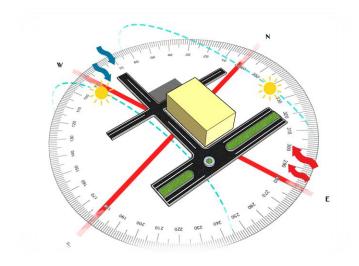
 Wind Speed (mph)
 6.1
 6.9
 7.8
 8.0
 7.9
 8.0
 7.6
 6.9
 6.0
 4.6
 4.7
 5.3







SUN PATH AND WIND DIAGRAM



SITE PLAN

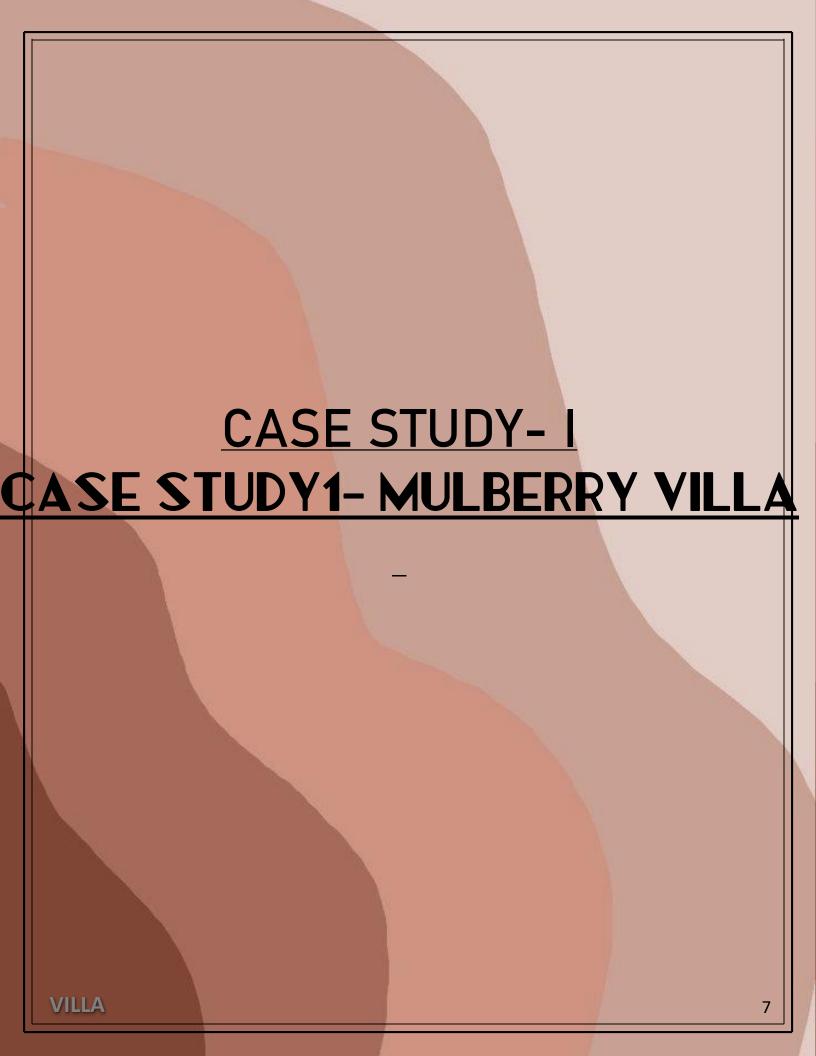


GROUND FLOOR



2ND FLOOR





INTRODUCTION

Rishita Mulberry Villas is to leave a valuable legacy of homes which is not only a financial asset for the residents but much more beyond that. Also, it is a home which offers you a space for your dream living. Where one can feel free from all the basic responsibilities of maintaining a home. Thus, it is a villa which gives you and your family space for their hobbies, leisure and entertainment.

PLANNING

Mulberry Villas, as the name suggests, presents a unique concept lifestyde for the first time in Lucknow. Designed to perfect the balance Of contemporary living with the traditional forms and details of Indian Standing a testimonies to thoughtful space combined with grandeur the villa at Rishita Mulberry are here to take luxury living to newer heights Of class and elegance.

Concept

<u>Modern architecture</u>, or <u>modernist architecture</u>, was an architectural movement or architectural style based upon new and innovative technologies of construction, particularly the use of glass, steel, and reinforced concrete; the idea that form should follow function (functionalism) an embrace of minimalism

SITE PHOTOS



VILLA ENT.



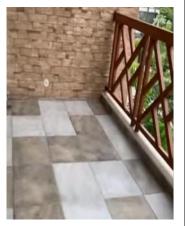
CAR PARKING



DINING



KITCHEN



BALCONY

SITE DETAILS

Address: Rishita Mulberry Sector C, Sushant Golf city, lucknow

Construction: 2019

Contractor Name: Rishita Developers Pvt. Ltd.

Climate: Composite Climate Site

area: 4017 Sq

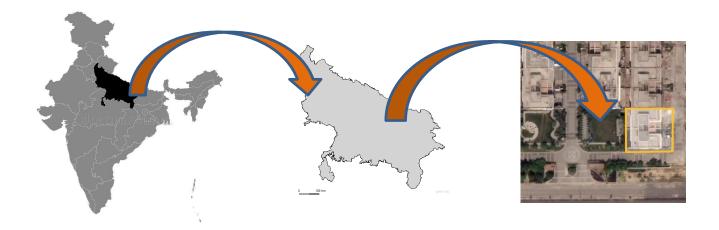
Architect: Mr. Design Forum International



CONNECTIVITY

- Rishita Mulberry has good connectivity with-
- chaudhary charan singh international airport 14km
- Railway Station 14 km
- Charbag bus stand 14 km
- > The nearest metro station (it college metro station) is 17 km away from the site.

COORDINATES- 26°46'55.0"N 81°00'34.8"E



LEGEND

- 1. KITCHEN
- 2. LIVING ROOM
- 3. LOBY
- 4. DINING
- 5. MASTER BED ROOM
- 6. BED ROOM
- 7 KDSROOM WITH TOILET
- 8. STUDY ROOM
- 9. GYM
- 10. BAR
- 11. BALCONY
- 12. LIFT
- 13. PANTRY
- 14. SERVANT ROOM WITH TOILET

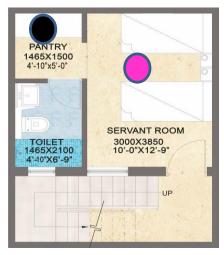


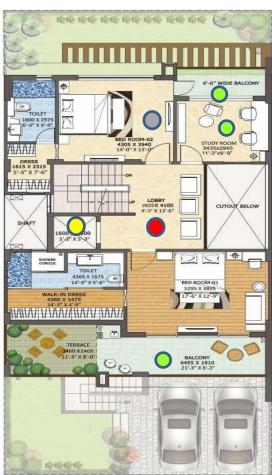


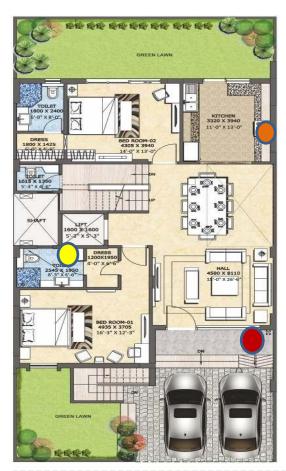


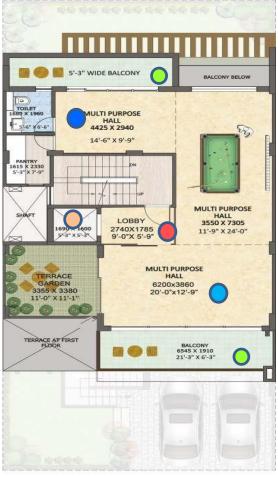


FLOOR PLAN







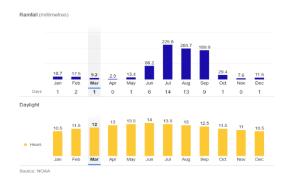


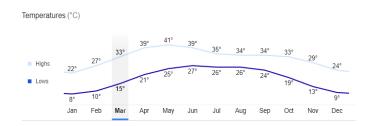
SERVICES

CCTV cameras have been installed at the venue which provides proper surveillance SECURITY ROOM SERVANT'S ROOM PARKING 24 x 7 Power back up.

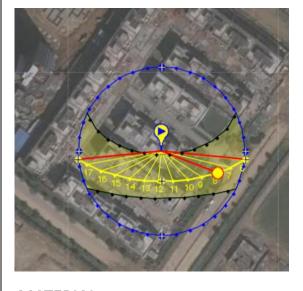
Climate

Lucknow has a warm humid subtropical climate with cool, dry winters from December to February and dry, hot summers from April to June. The rainy season is from mid-June to mid-September, when Lucknow gets an average rainfall of 1010 mm (40 in) mostly from the south-west monsoon winds.

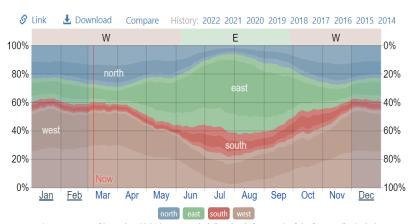




SUN PATH



Average Wind Speed in Lucknow



The percentage of hours in which the mean wind direction is from each of the four cardinal wind directions, excluding hours in which the mean wind speed is less than 1.0 mph. The lightly tinted areas at the boundaries are the percentage of hours spent in the implied intermediate directions (northeast, southwest, and northwest).

MATERIAL

Living /Dining /Lobby

Floor Italian Marble Wall Internal wall plastered and plastic Emulsion paint . Ceiling Plastered , plastic emulsion paint ,Gypsum board , wooden panels . Lights warm white cove light , White ceiling light ,indoor wall light. Other Material • Teak wood Door • 8mm Toughened Glass



Parallel Kitchen

Floor Vitrified Tiles Wall Internal wall plastered and plastic Emulsion paint. Ceiling Plastered, plastic emulsion paint, Gypsum board. Lights white cove light, White ceiling light. Fittings/Fixtures Polished Granite Counter Top Modular Kitchen with Chimney & Hob, Granite Counter, Stainless Steel Sink with Drain Board Hot & Cold water supply with Sink Mixer etc. / R.O. / GeyseR

Master bed Room / Toilet

Floor Laminated Wooden Flooring Wall Internal wall plastered and plastic Emulsion paint ,P.V.C panels. Ceiling Plastered , plastic emulsion paint ,Gypsum board , Lights White ceiling Aluminum Profile For LED Light . TOILET(3 piece , wardrove space , bath) , Floor Anti – skid Tile Wall Vitrified / Ceramic Tiles & Plastic Emulsion Paint Ceiling Plastered , plastic emulsion paint ,Gypsum board , Lights White ceiling . Polished Granite Counter for Wash Basin Glass Partition, Exhaust Fan, Towel Rail, Toilet Paper holder, Coat Hook, Soap Dish etc. Single lever CP fittings (Hot & Cold water supply), Wash basin, E.W.C., Health Faucet, Geyser

Kids Room

Floor Vitrified Tiles Wall Internal wall plastered and plastic Emulsion paint ,wallpaper. Ceiling Plastered , plastic emulsion paint ,Gypsum board . Lights white cove light , White ceiling light . TOILET Floor Anti – skid Tile Wall Vitrified / Ceramic Tiles & Plastic Emulsion Paint Ceiling Plastered , plastic emulsion paint ,Gypsum board , Lights White ceiling Polished Granite Counter for Wash Basin Glass Partition, Exhaust Fan, Towel Rail, Toilet Paper holder, Coat Hook, Soap Dish etc. Single lever CP fittings (Hot & Cold water supply), Wash basin, E.W.C., Health Faucet, Geyser

Other bed Room / Toilet

Floor Vitrified tile Wall Internal wall plastered and plastic Emulsion paint ,P.V.C panels. Ceiling Plastered , plastic emulsion paint ,Gypsum board , Lights White ceiling Aluminum Profile For LED Light . TOILET Floor Anti – skid Tile Wall Vitrified / Ceramic Tiles & Plastic Emulsion Paint Ceiling Plastered , plastic emulsion paint ,Gypsum board , Lights White ceiling. Polished Granite Counter for Wash Basin Glass Partition, Exhaust Fan, Towel Rail, Toilet Paper holder, Coat Hook, Soap Dish etc. Single lever CP fittings (Hot & Cold water supply), Wash basin, E.W.C., Health Faucet, Geyser

STUDY ROOM

Floor Vitrified Tiles Wall Internal wall plastered and plastic Emulsion paint ,3d wallpaper. Ceiling Plastered , plastic emulsion paint ,Gypsum board . Lights white cove light , White ceiling light .

BALCONY Floor Anti – skid Tile Wall Vitrified / Ceramic Tiles & Plastic Emulsion Paint Ceiling Weather proof Lights White ceiling ,spot light Railing 1200MM High MS railing

GYM, BAAR

Floor Laminated Wooden Flooring Wall Internal wall plastered and plastic Emulsion paint, wallpaper Ceiling Plastered, plastic emulsion paint, Gypsum board, Lights White ceiling Aluminum Profile For LED Light BAAR Floor Vitrified tile Wall Internal wall plastered and plastic Emulsion paint, wallpaper Ceiling Plastered, plastic emulsion paint, Gypsum board, Lights White ceiling, spot light,.

STAIRCASE

Staircase Flooring Marble Steps Walls Plastic Emulsion Paint Ceiling Plastic Emulsion Paint Handrail Stainless steel railing with combination of designer glass



DOOR & WINDOW

Doors & Windows Main Door Teak wood finish modular door with Magic Eye. Internal Doors Modular Designer Doors Windows UPVC/Powder coated aluminum windows with clear glass

HOME AUTOMATION

Smart phone controlled lights, other home appliances, video door phone, etc....

ELECTRICAL

Fire retardant electrical wiring Modular switches of the premium brand.

SPECIAL FEATURES Gated community with CCTV Surveillance Lush green open parks/spaces. Vastu compliant master planning from top architects.

Rishita Mulberry Internal Amenities

- •Private Lift so that each floor is easily accesible
- •Home Automation so that lighting, temperature, music are controlled automatically
- Modular Kitchen
- •In addition, 24×7 filtered water supply provision for Modular Kitchen
- •Independent Lawn

Rishita Mulberry External Amenities

- •Either Three Tier Security or Extremely high level security
- •24 hour security guard so that you will have never sleepless nights
- Exclusive Gated Community
- •At entrance CCTV surveillance
- Unique Outdoor Gym
- Aerobic as well as Yoga Center
- •100% Power back-up for Common Areas
- Vaastu compliant Master Planning
- Proximity to Golf Course
- •Wellness Zone
- Kids play area
- External Seating Plaza

FURNITURE STYLE

Mid-Century Modern

Mid-century modern style is a distinctive yet versatile design style. It fits perfectly between traditional and contemporary styles by drawing on elements of both. Mid-century modern style is associated with the 1960's and has endured in popularity ever since.

Mid-century modern style characteristics

- Organic shapes
- Mixed natural elements
- Clean lines
- Contrasting textures
- Medium to dark wood tones
- Splayed legs
- Pared-down geometric forms

Mid-century modern design can be identified in the subtle style details that combine to create the overall look: curved lines, arched floor lamps and splayed or tapered legs are just a few. Graphic patterns add a pop of contrast to your space. Put down a colorful rug, abstract wall art or even a patterned ottoman. If you own vintage pop art, even better! Bringing the outdoors inside was a relatively new and trendy concept in the 1950s and 1960s so the more plants and greenery, the better.



<u>Lighting</u> Lighting used

- Natural Lighting
- **Cove Light**
- Ambient Lighting
- **SPOT LIGHT**













CASE STUDY- II GARDEN BAY

INTRODUCTION

Garden Bay Lucknow offers a tranquil living community responding to the desire for an inviting, contemplative space, where nature, community and healthy living come together to make a positive contribution to the city. Its timeless design reinvigorates a corner of northern India with a mix of high quality villas set in carefully landscaped grounds.

The township, situated on the Sitapur-Hardoi Link Road in Lucknow, is characterised by an imposing entrance with gatehouse surrounded by green box hedges and local trees. The arrival experience is enhanced by selective water features and green covered walkways

PLANNING

- The connective landscape within the township has the primary function of providing recreational and leisure space for residents, which ranges in scale from intimate pocket parks to large open spaces which separate the main blocks of the development. It includes jogging and cycling routes as well as seating areas and BBQ locations along its length within a verdant setting of lawns, plants and trees.
- Although contained within a gated community the public park provides abundant facilities and open spaces for residents and guests and includes jogging and cycling routes as well as seating areas and BBQ locations along its length within a verdant setting of lawns, plants and trees.
- Facilities include a clubhouse and dedicated community retail space with a fully-equipped gymnasium as well as a wide array of recreation activities.
- Sustainability is key within the township and a number of energy efficient initiatives have been implemented including the design of the soft scape to help reduce the urban heat island effect and a water harvesting pond network to recharge the ground water

Concept

Architects Godwin Austen Johnson used elements from european architecture

European architecture In the 20th Century European architecture was driven by styles – Art Nouveau, De

Stijl, Art Deco, Modernism, Futurism, Brutalism, Postmodernism, Deconstructivism – but this styledriven approach to designing buildings has been fractured by new forces, especially globalism and the
internet.

SITE PHOTOS







VILLA ENTRANCE DOOR



FRONT ELEVATION

SITE DETAILS

Address: IIM Road, Ghaila, Lucknow, Uttar Pradesh

Construction: 2019 Client: Shalimar

Climate: Composite Climate Site Plot area: 175 sq. mt. 1884 sq. ft.

Built-up area: 270.72 sq. mt. 2914 sq. ft. Carpet area: 233. 16 sq. mt. 2509.73 sq. ft. Architect: Mr. Godwin Austen Johnson

CONNECTIVITY

- Rishita Mulberry has good connectivity with-
- chaudhary charan singh international airport 23km
- Railway Station 14 km
- Awadh Bus Station

 18 km
- > The nearest metro station (it college metro station) is 14 km away from the site.

COORDINATES 26°55'35.6"N 80°52'57.9"E

DESIGN ELEMENTS

- the vision and values of the group by engaging with the surrounding green landscape and creating an uplifting and inspiring environment for residents
- hey are spacious and well planned with natural light and ventilation.
- The villas have been designed as a community living space with a deliberate lack of boundaries to encourage social interaction yet still maintain a degree of privacy..

SERVICES

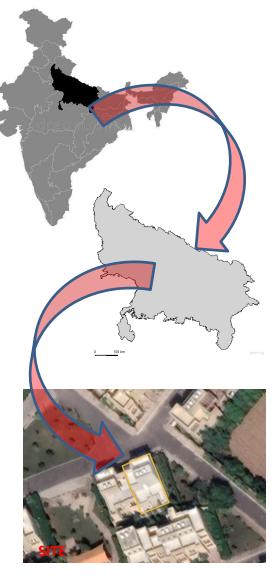
CCTV cameras have been installed at the venue which provides proper surveillance SECURITY ROOM SERVANT'S ROOM PARKING

24 x 7 Power back up

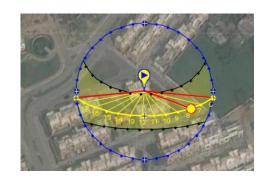
Climate

Lucknow has a warm humid subtropical climate with cool, dry winters from December to February and dry, hot summers from April to June. The rainy season is from mid-June to mid-September, when Lucknow gets an average rainfall of 1010 mm (40 in) mostly from the south-west monsoon winds.

SUN PATH









Average Wind Speed in Lucknow

The percentage of hours in which the mean wind direction is from each of the four cardinal wind directions, excluding hours in which the mean wind speed is less than 1.0 mph. The lightly tinted areas at the boundaries are the percentage of hours spent in the implied intermediate directions (northeast, southwast, and northwest).

FLOOR PLAN



BALCONY

TAB

TAB

BEDROOM 4

11-37-x 19-10

FOYER

BEDROOM 9

2-5x'x 12-7

STAR



ground floor

first floor second floor

- 1. A KITCHEN
- 2. <a> LIVING ROOM
- 3. A LOBY
- 4. ODINING
- 5. BED ROOM
- 6. M.BED ROOM
- 7. STUDY ROOM
- 8. O BALCONY











Parallel Kitchen

Floor Vitrified Tiles Wall Internal wall plastered and plastic Emulsion paint. Ceiling Plastered, plastic emulsion paint, Gypsum board. Lights white cove light, White ceiling light. Fittings/Fixtures Polished Granite Counter Top Modular Kitchen with Chimney & Hob, Granite Counter, Stainless Steel Sink with Drain Board Hot & Cold water supply with Sink Mixer etc. / R.O. / GeyseR

Master bed Room / Toilet

Floor Laminated Wooden Flooring Wall Internal wall plastered and plastic Emulsion paint ,P.V.C panels. Ceiling Plastered , plastic emulsion paint ,Gypsum board , Lights White ceiling Aluminum Profile For LED Light . TOILET(3 piece , wardrove space , bath) , Floor Anti – skid Tile Wall Vitrified / Ceramic Tiles & Plastic Emulsion Paint Ceiling Plastered , plastic emulsion paint ,Gypsum board , Lights White ceiling . Polished Granite Counter for Wash Basin Glass Partition, Exhaust Fan, Towel Rail, Toilet Paper holder, Coat Hook, Soap Dish etc. Single lever CP fittings (Hot & Cold water supply), Wash basin, E.W.C., Health Faucet, Geyser

Kids Room

Floor Vitrified Tiles Wall Internal wall plastered and plastic Emulsion paint ,wallpaper. Ceiling Plastered , plastic emulsion paint ,Gypsum board . Lights white cove light , White ceiling light . TOILET Floor Anti – skid Tile Wall Vitrified / Ceramic Tiles & Plastic Emulsion Paint Ceiling Plastered , plastic emulsion paint ,Gypsum board , Lights White ceiling Polished Granite Counter for Wash Basin Glass Partition, Exhaust Fan, Towel Rail, Toilet Paper holder, Coat Hook, Soap Dish etc. Single lever CP fittings (Hot & Cold water supply), Wash basin, E.W.C., Health Faucet, Geyser

Other bed Room / Toilet

Floor Vitrified tile Wall Internal wall plastered and plastic Emulsion paint ,P.V.C panels. Ceiling Plastered , plastic emulsion paint ,Gypsum board , Lights White ceiling Aluminum Profile For LED Light . TOILET Floor Anti – skid Tile Wall Vitrified / Ceramic Tiles & Plastic Emulsion Paint Ceiling Plastered , plastic emulsion paint ,Gypsum board , Lights White ceiling. Polished Granite Counter for Wash Basin Glass Partition, Exhaust Fan, Towel Rail, Toilet Paper holder, Coat Hook, Soap Dish etc. Single lever CP fittings (Hot & Cold water supply), Wash basin, E.W.C., Health Faucet, Geyser

STUDY ROOM

Floor Vitrified Tiles Wall Internal wall plastered and plastic Emulsion paint ,3d wallpaper. Ceiling Plastered , plastic emulsion paint ,Gypsum board . Lights white cove light , White ceiling light .

BALCONY Floor Anti – skid Tile Wall Vitrified / Ceramic Tiles & Plastic Emulsion Paint Ceiling Weather proof Lights White ceiling ,spot light Railing 1200MM High MS railing

GYM, BAAR

Floor Laminated Wooden Flooring Wall Internal wall plastered and plastic Emulsion paint, wallpaper Ceiling Plastered, plastic emulsion paint, Gypsum board, Lights White ceiling Aluminum Profile For LED Light BAAR Floor Vitrified tile Wall Internal wall plastered and plastic Emulsion paint, wallpaper Ceiling Plastered, plastic emulsion paint, Gypsum board, Lights White ceiling, spot light,.

STAIRCASE

Staircase Flooring Marble Steps Walls Plastic Emulsion Paint Ceiling Plastic Emulsion Paint Handrail Stainless steel railing with combination of designer glass



DOOR & WINDOW

Doors & Windows Main Door Teak wood finish modular door with Magic Eye. Internal Doors Modular Designer Doors Windows UPVC/Powder coated aluminum windows with clear glass

HOME AUTOMATION

Smart phone controlled lights, other home appliances, video door phone, etc....

ELECTRICAL

Fire retardant electrical wiring Modular switches of the premium brand.

SPECIAL FEATURES Gated community with CCTV Surveillance Lush green open parks/spaces. Vastu compliant master planning from top architects.

Rishita Mulberry Internal Amenities

- •Private Lift so that each floor is easily accesible
- •Home Automation so that lighting, temperature, music are controlled automatically
- Modular Kitchen
- •In addition, 24×7 filtered water supply provision for Modular Kitchen
- •Independent Lawn

Rishita Mulberry External Amenities

- •Either Three Tier Security or Extremely high level security
- •24 hour security guard so that you will have never sleepless nights
- Exclusive Gated Community
- •At entrance CCTV surveillance
- Unique Outdoor Gym
- Aerobic as well as Yoga Center
- •100% Power back-up for Common Areas
- Vaastu compliant Master Planning
- Proximity to Golf Course
- •Wellness Zone
- •Kids play area
- External Seating Plaza

FURNITURE STYLE

Mid-Century Modern

Mid-century modern style is a distinctive yet versatile design style. It fits perfectly between traditional and contemporary styles by drawing on elements of both. Mid-century modern style is associated with the 1960's and has endured in popularity ever since.

Mid-century modern style characteristics

- Organic shapes
- Mixed natural elements
- Clean lines
- Contrasting textures
- Medium to dark wood tones
- Splayed legs
- Pared-down geometric forms

Mid-century modern design can be identified in the subtle style details that combine to create the overall look: curved lines, arched floor lamps and splayed or tapered legs are just a few. Graphic patterns add a pop of contrast to your space. Put down a colorful rug, abstract wall art or even a patterned ottoman. If you own vintage pop art, even better! Bringing the outdoors inside was a relatively new and trendy concept in the 1950s and 1960s so the more plants and greenery, the better.

LITRATURE STUDY –I STONE HOUSE

INTRODUCTIO

Rajasthan is synonymous with sandstone as a building material but sadly, over the last few decades, this material has been reduced to a 'cladding' medium and its potential as a robust and sustainable structural element has not been explored. The house in <u>Jaipur</u> presented us with an opportunity to explore and evolve a method of building that has been prevalent in traditional buildings for centuries. We laid out a simple brief: no material other than stone should be used for construction.

PLANNING

- the plan accommodates six bedrooms as well as a prayer room, a movie lounge, a study and utility spaces. A double-height naturally ventilated internal courtyard is at the heart of the house, which is surrounded by open terraces and balcony gardens leading into the bedrooms.
- The effective integration of landscape features alongside design techniques creates a series of captivating experiences within the house.
- Each living space was designed to have a different spatial quality, giving them unique identities.
- The placement of large extensive glass windows on the north side of the house allows for indirect sunlight to penetrate into the interior spaces.
- Architects decided to build the whole structure out of raw concrete, with the internal spaces
 adorned with sandstone and wood features as well as landscaping which creates an overarching
 natural palette fusing effectively with the exterior concrete aesthetic.
- The differing living spaces have their own identities, characterised by spatial techniques as well as light streaming into the interior at different intensities, illuminating the room.
- The key features that characterise the whole project are the screens with patterns that reflect traditional Indian design and architecture,
- These screens protect the inhabitants from harsh sunlight and heat at certain times of the day as well as create beautiful patterns within the architecture as the light shines through. The screens also act as shields that mitigate the noise of any traffic from the nearby streets

SITE PHOTOS







SITE DETAILS

Address: Gyan Vihar, Badrawas, Jaipur

Construction: 2019 Client: Confidential Climate: Hot and Dry

area: 8000 ft²

Architect: Mr. Malik Architecture

CONNECTIVITY

- Stone house house has good connectivity with-
- Jaipur international airport 11 km
- Railway Station 6 km
- bus stand 6.5 km
- The nearest metro station (Metro Station Mansarovar) is 1.8 km away from the site.







COORDINATES- _26`32'59" N -75`51' 22" E

DESIGN ELEMENTS IN STONE HOUSE

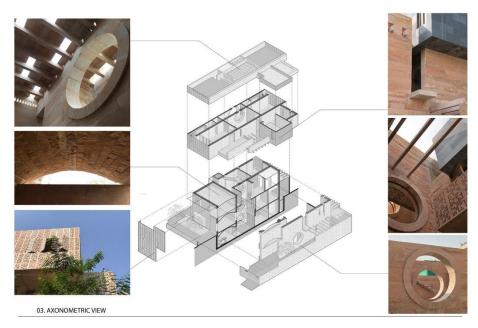
- The house in Jaipur presented us with an opportunity to explore and evolve a method of building that has been prevalent in traditional buildings for centuries. We laid out a simple brief: no material other than stone should be used for construction.
- The traditional method of load bearing construction relied on the impermeable thickness of walls.
 This was reengineered to develop a hollow interlocking structural wall system that creates a more
 effective thermal break, provides space to integrate services within the wall cavity, and effectively
 reduces the material consumption by 30%.
- Floor systems alternate between vaults and large single span stone pieces. Every building element from the basement raft/retaining walls/lintels/door and window jambs/reveals/stairs/screens etc has been made from stone blocks, either from the quarry (superstructure elements) or excavated from the site (substructure elements).

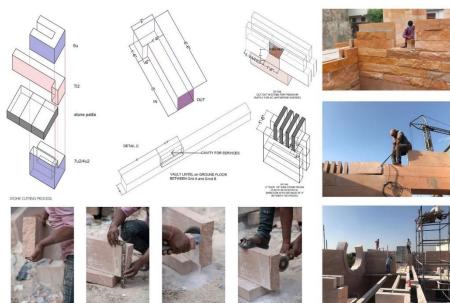
12. STONE COURSE CONSTRUCTION













1. **COURTYARD**

2. 🔵 **LOUNGE**

3. **POWDER TOILET**

4. **KITCHEN**

5. 🦲 **TOILET 3**

6. 🔵 **STUDY ROOM**

LIVING ROOM 2 7.

LOBBY

9. 💍 **DINING**

MASTER BATH 10

BATH 11.

12. **MASTER BED ROOM**

13. **BED ROOM 3**

14. **DEN WITH BATH**

15. **TEMPLE**

16. **GYM** 17. **BALCONY**

05 . BASEMENT PLAN

HOUSE OF SOLID STONE, JAIPUR

TERRACE 18.

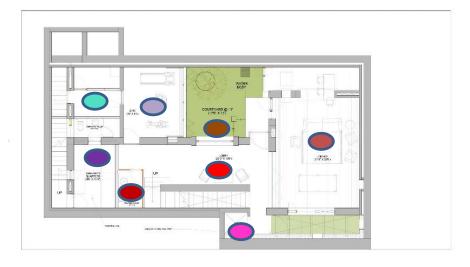
19. **SERVANT ROOM WITH TOILET**

DRIVERS ROOM WITH TOILET 20.

21. **POWER ROOM**

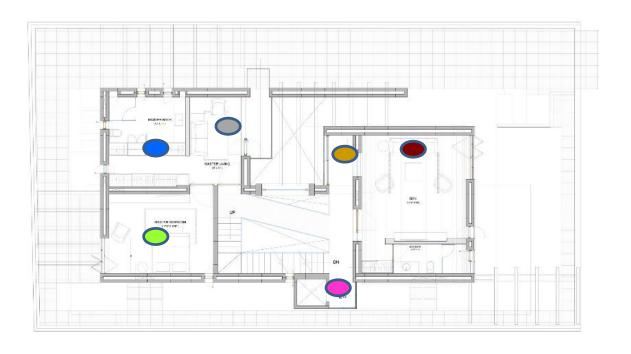
22. LIFT

23. **SERVICE**









06. FIRST FLOOR PLAN

HOUSE OF SOLID STONE, JAIPUR

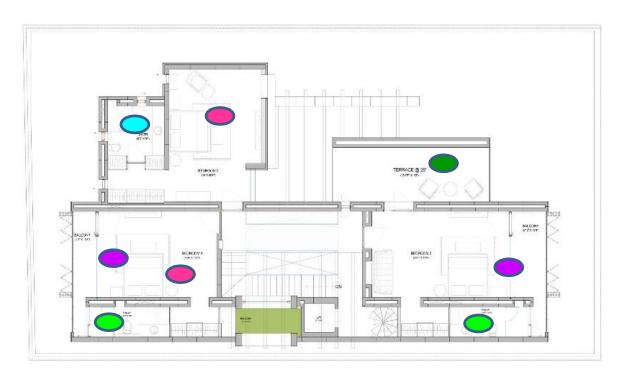








04. GROUND FLOOR PLAN



07. SECOND FLOOR PLAN

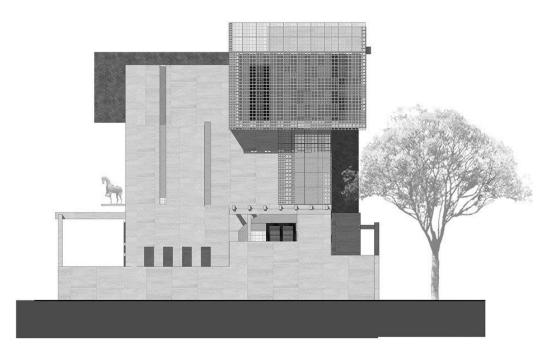
HOUSE OF SOLID STONE, JAIPUR





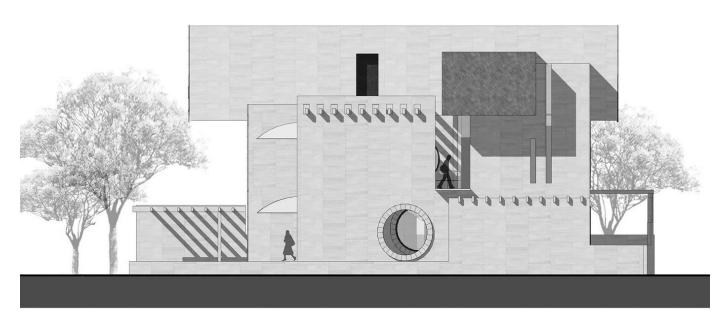


EAST ELEVATION

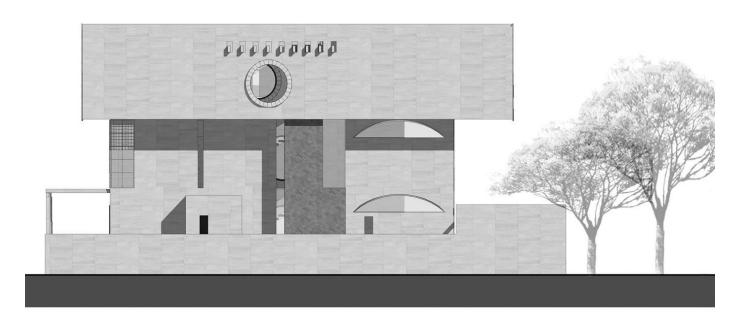


WEST ELEVATION



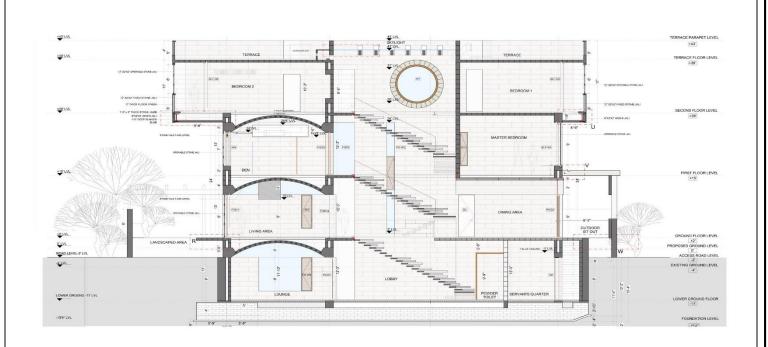


NORTH ELEVATION



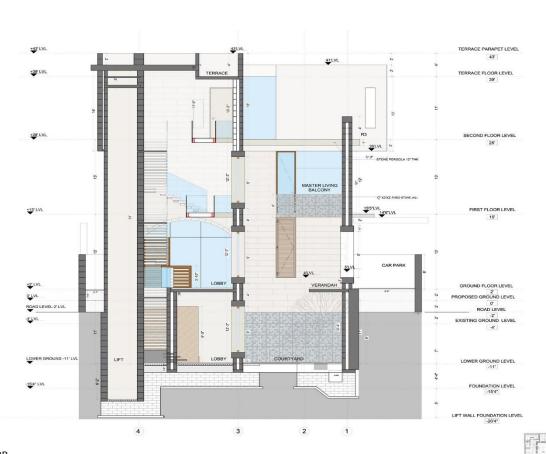
SOUTH ELEVATION





09 . SECTION AA

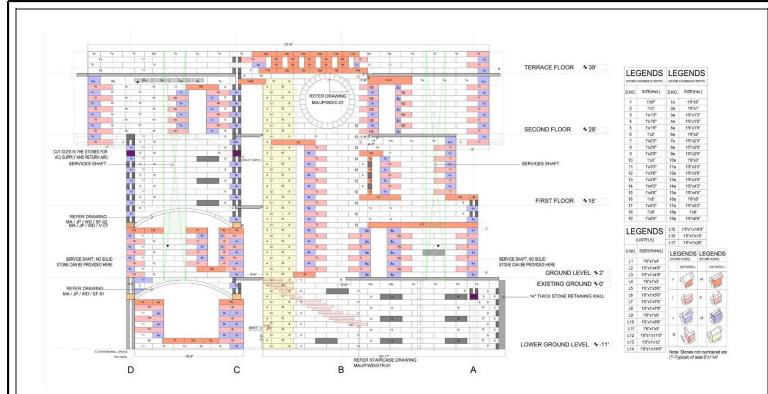
HOUSE OF SOLID STONE , JAIPUR



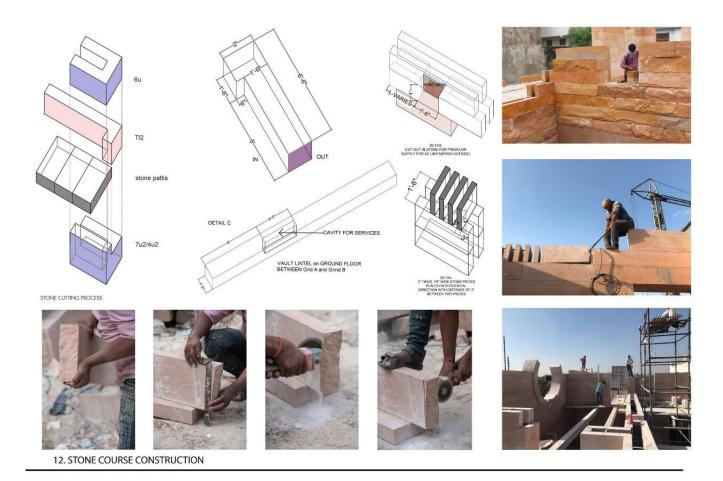
10. SECTION BB

HOUSE OF SOLID STONE, JAIPUR





11. STONE COURSE ELEVATION















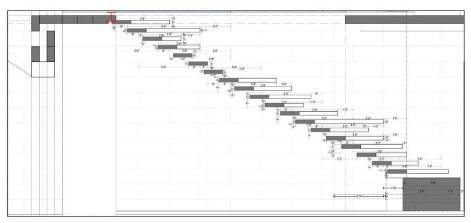






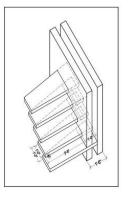


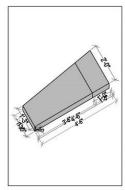
17. CONSTRUCTION IMAGES









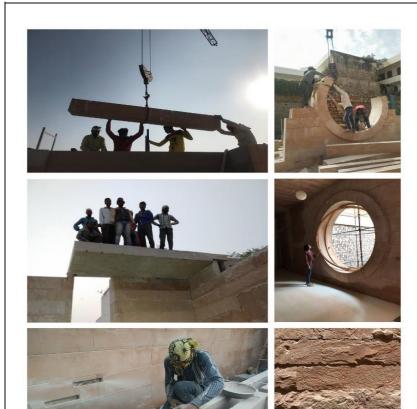


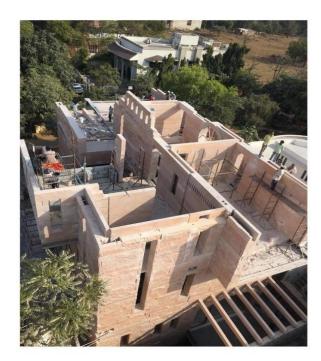




15. STAIRCASE







18. CONSTRUCTION IMAGES

MATERIAL
TUFFEN GLASS
TEEK WOODEN
TILES
SAND STONE
FURNITURE STYLE

Mid-Century Modern

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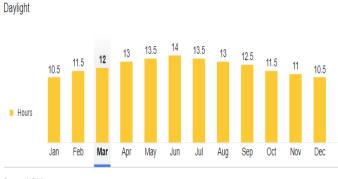
SERVICES

CCTV cameras have been installed at the venue which provides proper surveillance SECURITY ROOM SERVANT'S ROOM PARKING 24 x 7 Power back up.

Climate

hot semi-arid climate
Jaipur has a monsoon-influenced hot semi-arid
climate (Köppen climate classification BSh) with long,
extremely hot summers and short, mild to warm winters.





Source: NOAA

Winter Spring Summer Autumn

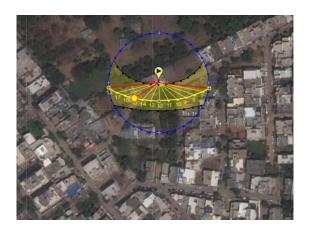
Wind rose in Jaipur



Wind direction graph in Jaipur using average values according to our data.

N♥	NE ▲	E◀	SE ►	SA	SW ◀	W >	NW 4
Northern	Northeastern	Eeastern	Southeastern	Southern	Southwestern	Western	Northwestern
8%	4.4%	11.9%	3.7%	9.8%	9.2%	38.1%	14.9%

SUN PATH





LITRATURE STUDY -II 18 SCREENS HOUSE

INTRODUCTION

this house in lucknow, a large city in northern india, is clad with screens that provide shelter from the sun, create different light patterns throughout the day, and mitigate traffic noise from the passing street. designed by sanjay puri architects. '18 screens' is a six-bedroom property located on the peripheral edge of an extensive development of private homes.

PLANNING

- the plan accommodates six bedrooms as well as a prayer room, a movie lounge, a study and utility spaces. A double-height naturally ventilated internal courtyard is at the heart of the house, which is surrounded by open terraces and balcony gardens leading into the bedrooms.
- The effective integration of landscape features alongside design techniques creates a series of captivating experiences within the house.
- Each living space was designed to have a different spatial quality, giving them unique identities.
- The placement of large extensive glass windows on the north side of the house allows for indirect sunlight to penetrate into the interior spaces.
- Architects decided to build the whole structure out of raw concrete, with the internal spaces adorned
 with sandstone and wood features as well as landscaping which creates an overarching natural palette
 fusing effectively with the exterior concrete aesthetic.
- The differing living spaces have their own identities, characterised by spatial techniques as well as light streaming into the interior at different intensities, illuminating the room.
- The key features that characterise the whole project are the screens with patterns that reflect traditional Indian design and architecture,
- These screens protect the inhabitants from harsh sunlight and heat at certain times of the day as well as create beautiful patterns within the architecture as the light shines through. The screens also act as shields that mitigate the noise of any traffic from the nearby streets. The specific pattern of the screens was inspired by 'chikan' embroidery, famous in India.

SITE PHOTOS







Address: Akhilesh Das Marg, lucknow Vipul Khand 5

Construction: 2019 **Client:** Mr. Rajesh Singh

Climate: Composite Climate Site

area: 8500 ft²

Architect: Mr. Sanjay Puri Architects

Interior Design: Nina puri & Sanjay Puri Architects





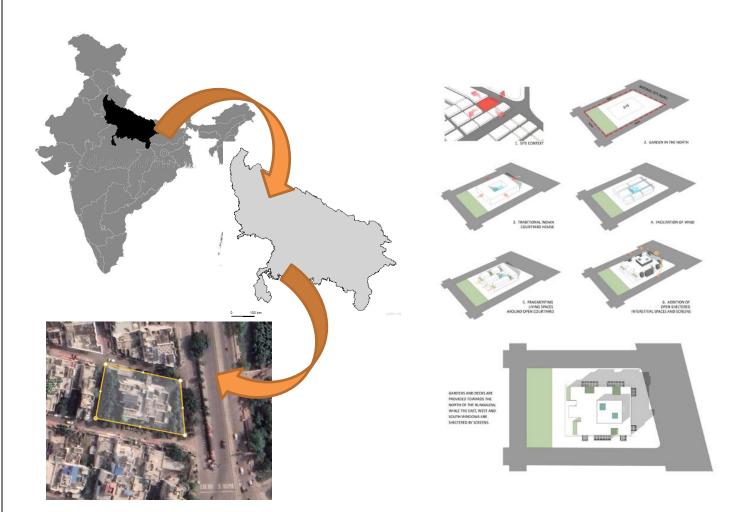
CONNECTIVITY

- > 18 screens house has good connectivity with-
- chaudhary charan singh international airport
- Railway Station 8 km
- kaiserbagh bus stand 8 km
- The nearest metro station (it college metro station) is 7 km away from the site

COORDINATES- 26`50' 33" N - 80`59'27" E

DESIGN ELEMENTS IN 18 Screens House

- Each living space was designed to have a different spatial quality, giving them unique identities.
- The placement of large extensive glass windows on the north side of the house allows for indirect sunlight to penetrate into the interior spaces.
- The differing living spaces have their own identities, characterised by spatial techniques as well as light streaming into the interior at different intensities, illuminating the room.
- The key features that characterise the whole project are the screens with patterns that reflect traditional Indian design and architecture, which enclose outdoor seating areas while also allowing light into the building ensuring a continued healthy relationship with the natural environment
- he specific pattern of the screens was inspired by 'chikan' embroidery, famous in India.







LEGEND

- 01. ENTRANCE LOBBY
- 02. 1.8M WIDE PASSAGE
- 03. DOUBLE HT CENTRAL SPACE 04. DOUBLE HT LIVING ROOM
- 05. POWDER TOILET
- 06. DINING ROOM
- 07. UTILITY
- 08. STORE
- 09. KITCHEN

- 10. PUJA ROOM
- 11. GUEST ROOM
- 12. OFFICE TOILET
- 13. OFFICE
- 14. DRIVER'S / SERVANT'S TOILET
- 15. DRIVER'S ROOM
- 16. PARKING SPACE
- 17. VERANDAH
- 18. MASTER BEDROOM

- 19. DRESSER
- 20. TOILET
- 21. BEDROOM
- 22. DECK
- 23. SERVANT'S ROOM
- 24. SECURITY ROOM
- 25. SCREEN SHELTERED WALKWAY





FIRST FLOOR PLAN

LEGEND

- 01. ENTRANCE LOBBY
- 02. 1.8M WIDE PASSAGE
- 03. DOUBLE HT CENTRAL SPACE 04. DOUBLE HT LIVING ROOM
- 18. MASTER BEDROOM
- 19. DRESSER

- 20. TOILET
- 21. BEDROOM
- 22. DECK
- 25. SCREEN SHELTERED WALKWAY
- 26. 1.2M WIDE CORRIDOR
- 27. FAMILY ROOM

- 28. SHELTERD TERRACE
- 29. ALCOVE
- 30. TERRACE
- 31. PANTRY
- 32. GYM
- 33. BALCONY







LEGEND

- 02. 1.8M WIDE PASSAGE
- 03. DOUBLE HT CENTRAL SPACE
- 04. DOUBLE HT LIVING ROOM
- 17. VERANDAH
- 18. MASTER BEDROOM

- 19. DRESSER
- 20. TOILET
- 21. BEDROOM
- 22. DECK
- 26. 1.2M WIDE CORRIDOR

- 27. FAMILY ROOM
- 28. SHELTERD TERRACE
- 30. TERRACE
- 31. PANTRY
- 33. BALCONY

















Suppliers

Windows: Ritika Woods, Fenesta

Paint: Asian Paints, Oikos

Bathroom Fixtures: Kohler, Grohe, Gessi

Kitchen Fittings: Hafele, Miller, Siemens, Faber

FURNITURE STYLE

Mid-Century Modern

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Mid-century modern style characteristics

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Graphic patterns add a pop of contrast to your space. Put down a colorful rug, abstract wall art or even a patterned ottoman. If you own vintage pop art, even better! Bringing the outdoors inside was a relatively new and trendy concept in the 1950s and 1960s so the more plants and greenery, the better.

Lighting

Lighting used

- Natural Lighting
- Cove Light
- Ambient Lighting
- SPOT LIGHT







MID-CENTURY MODERN



SERVICES

CCTV cameras have been installed at the venue which provides proper surveillance SECURITY ROOM SERVANT'S ROOM

PARKING

24 x 7 Power back up.

Climate

Lucknow has a warm humid subtropical climate with cool, dry winters from December to February and dry, hot summers from April to June. The rainy season is from mid-June to mid-September, when Lucknow gets an average rainfall of 1010 mm (40 in) mostly from the south-west monsoon winds.



Rainfall (millimetres)



Daylight



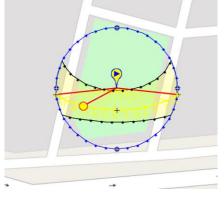
Source: NOAA

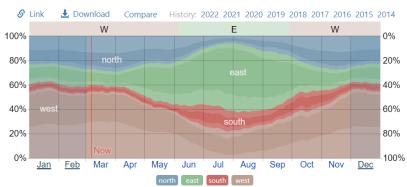
Temperatures (°C)



SUN PATH

Average Wind Speed in Lucknow S Link Lownload Compare History: 2022 2021 2020 2019 2018 2017 201





COMPARISON CHART

Parameter	Mulberry villa	Garden bay	STONE HOUSE	18 Screens House	Comment
1.Location and access	Sector C, Sushan Golf city, lucknow	·	• Gyan Vihar, Badrawas, Jaipur	Akhilesh Das Marg, Jucknow Vipul Khand 5	the site should have proper transport and facillities for better
2.Year of construction	2019	2019	2019	2019	connectivity
3.Site area	4017 <u>Sg</u>	1884 sq. ft	8000 ft ²	8500 ft ²	>=
4.Climate	Composite	Composite	Hot and Dry	Composite	-
5.Planning					
6.Architecture character	Designed to perfect the balance Of contemporary living with the traditional forms and details of Indian Standing a testimonies to thoughtful space combined	Sustainability is key within the township and a number of energy efficient initiatives have been implemented including the design of the soft scape to help reduce the urban	The effective integration of landscape features alongside design techniques creates a series of captivating experiences within the	The differing living spaces have their own identities, characterised by spatial techniques as well as light streaming into the interior at different intensities,	The space reflects its own individual character by use of unique architecture character
	with grandeur	heat	house.	illuminating the room.	



Parameter	Mulberry villa	Garden bay	STONE HOUSE	18 Screens House	Comment
7.vegetation					Natural vegetation should be kept infact with addition of some flowing plants which adds a play of colour
8.SERVICES	CCTV cameras have been installed at the venue which provides proper surveillance SECURITY ROOM SERVANT'S ROOM PARKING 24 x 7 Power back up.	CCTV cameras have been installed at the venue which provides proper surveillance SECURITY ROOM SERVANT'S ROOM PARKING 24 x 7 Power back up.	CCTV cameras have been installed at the venue which provides proper surveillance SECURITY ROOM SERVANT'S ROOM PARKING 24 x 7 Power back up.	CCTV cameras have been installed at the venue which provides proper surveillance SECURITY ROOM SERVANT'S ROOM PARKING 24 x 7 Power back up.	88

FOYER

- Small 6 x 6
- Medium 8 x 10
- Large 8 x 15

ENTRY CLOSETS (24" minimum inside dimensions)

- Small 2 x 3
- Medium 2 x 4
- Large 2 x 6

POWDER ROOM

- Small 4 x 4
- Medium 5 x 5
- Large 6 x 6

GREAT ROOM

- Small 16 x 18
- Medium 18 x 24
- Large 20 x 28

LIVING ROOM -

- Small 12 x 18
- Medium 16 x 20
- Large 22 x 28

DINING ROOM

- Small 10 x 12
- Medium 12 x 16
- Large 14 x 18

FAMILY ROOM

- Small 12 x 16
- Medium 14 x 20
- Large 16 x 24

RECREATION ROOM

- Small 12 x 18
- Medium 16 x 24
- Large 18 x 30

MEDIA ROOM

- Small 10 x 14
- Medium 12 x 16
- Large 14 x 20

KITCHEN

- Small 5 x 10
- Medium 10 x 16
- Large 12 x 20

EATING AREA

- Small 10 x 10
- Medium 12 x 12
- Large 16 x 16

PANTRY

- Small 2 x 2
- Medium 3 x 4
- Large 4 x 6

LAUNDRY

- Small 3 x 6
- Medium 6 x 8
- Large 8 x 10

UTILTITY/MUD ROOM

- Small 5 x 6
- Medium 6 x 8
- Large 8 x 10

REAR ENTRY CLOSETS (24" minimum

inside dimensions)

- Small 2 x 3
- Medium 2 x 4
- Large 3 x 6

GARAGE

- Small 12 x 20 (1 car)
- Medium 20 x 20 (2 car)
- Large 24 x 24 (2 car w/storage)



WORKSHOP

- Small 6 x 8
- Medium 8 x 10
- Large 12 x 16

STORAGE ROOM

- Small 6 x 6
- Medium 8 x 10
- Large 12 x 14

HOME OFFICE / WORK ROOM

- Small 8 x 10
- Medium 12 x 14
- Large 14 x 18

MASTER BED ROOM

- Small 12 x 14
- Medium 14 x 20
- Large 16 x 24

WALK-IN CLOSETS (24" min inside dim)

- Small 4 x 6
- Medium 6 x 6
- Large 6 x 8

MASTER BATHROOM

- Small 6 x 9
- Medium 8 x 12
- Large 10 x 16

BEDROOMS

- Small 10 x 10
- Medium 12 x 12
- Large 14 x 16

CLOSETS (24" min inside dim)

- Small 2 x 4
- Medium 2 x 6
- Large 2 x 8

GUEST BEDROOM

- Small 10 x 12
- Medium 12 x 14
- Large 14 x 18

GUEST CLOSETS (24" min inside dim)

- Small 2 x 3
- Medium 2 x 4
- Large 2 x 6

FULL BATH

- Small 6 x 9
- Medium 7 x 10
- Large 8 x 12

GUEST BATHROOM

- Small 5 x 9
- Medium 6 x 10
- Large 7 x 12

LINEN CLOSETS (12" min inside dim)

- Small 1 x 3
- Medium 2 x 4
- Large 3 x 6

DEN

- Small 10 x 10
- Medium 12 x 12
- Large 14 x 16

STUDY

- Small 10 x 10
- Medium 12 x 12
- Large 14 x 16

LIBRARY

Small - 12 x 12

Large - 16 x 20

Medium - 14 x 18

1/15/12

Standard door opening:

Main door	1.10 m	
Bedroom door	.80 m	
Toilet & bath door	.70 m	
Access door	.70 or .80 m	

Standard width of window per panel	.70 m
Standard width of t&b window panel	.50 or .60 m
Standard thickness of walls	.20 m
Thickness of door	.10 m

CONCEPT AND AREA ANALYSIS

CONCEPT INTRODUCTION

- The ancient Roman style is said to be a reproductive form of the Greek and Etruscan architecture.
- Together they are considered to be a body of classical architecture.
- Although the Romans have borrowed much of the Greek style, they have used their own knowledge in construction to improve the arch and vault for the architectural community.
- Some of the many achievements the Romans used in the nature of their architecture are the arch, dome, vault, column, and aqueduct.
- These accomplishments were large steps that added to the understanding of architecture today.

ROMAN ELEMENTS

COLUMNS ARCH'S DOME

COLUMNS

To the original Greek orders, the Romans added Tow

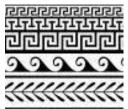
TUSCAN

SIMPLIFIED DORIC HAVING UNFLUTED COLUMN AND A PLAIN BASE, CAPITAL AND SHAFT HAVING NO DECORATION OTHER THAN

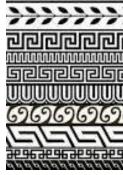
COMPOSITE

IT COMBINED ELEMENTS OF BOTH THE IONIC AND CORINTHIAN ORDERS.
CORINTHIAN ORDER IS MODIFIED BY SUPERIMPOSING FOUR DIAGONALLY SET IONIC VOULTS A BELL OF CORINTHIAN ACANTHUS LEAVES









<u>ARCH</u>

- The Rornans first adopted the arch from the Greeks, and implemented it in **OWN building**.
- An arch is a very strong shape as no single holds all the weight and is still used in architecture
- The Romans used arches to support the things they built

DOME

- A dome is a vaulted structure having a circular plan and usually the form of a portion of a sphere, so constructed as to exert an equal thrust in all directions
- Romans used domes to span and cover very large open spaces.
- They used it in many public buildings like basilicas, the pantheon etc.

ROMAN PHILOSOPHY

"We believe that lightning is caused by clouds colliding, whereas they believe that clouds collide in order to create lightning. Since they attribute everything to gods, they are led to believe not that events have a meaning because they have happened, but that they happen in order To express a meaning."

ORIGINS OF ROMAN ARCHITECTURE

- Romans needed interior space for worship, whereas the Greeks worshipped outside.
- Their solution was to extend the walls outward, creating engaged columns, while maintaining the same basic shape.



INTERIOR THEME

CLASSICAL DESIGN

Classical interior design is a blend of both Greek and roman interior design.

This designing basically deals with perfect harmony, balance and order.

Classical interior designing has its own aura and is one which never goes out of style.

Order, Symmetry and Balance:

Order symmetry and balance are the key features of classical interior designing.

If you have atleast one mirror in a room make sure to balance it with another. Also keep in mind to continue some features of a room to another.

Do not decorate every room with a different style all together, this will surely lead to asymmetry.

A Focal Point:

A large mirror, any wooden statue, a beautiful piece of wooden art or a beautiful wooden table can act like one of the focal points.

Keep in mind that when you are creating a focal point, thus other accessories in the area should be in accordance with it.

For example a featured fire place flanked on either side by matching armchairs with an ornate mirror above can help you give your room a classic look.

Natural Colours and Materials:

Hues common in classical interior designing style are basically inspired by nature. Shades of yellow, blue, green and brown, even some softer muted colours such as terracotta, grey and pink are very much in trend. When going for whites if you wish to have a more authentic classical look try and go for off-white but if you wish to give your interiors a contemporary feel choose bright white.





CONCEPTUAL SKETCH





DINING ROOM



LIVING ROOM

INTERIOR SPACE REQUIRENMENTS

1. ENTRANCE HALL

2.THEATER ROOM 3.LIVING ROOM

4.DINING ROOM

5.BAR

6.KITCHEN

7.UTILITY ROOM

8.GUEST ROOM

9.STORAGE

10.WASHROOM

11.CONFERENCE ROOM

12.MASTER BEDROOM

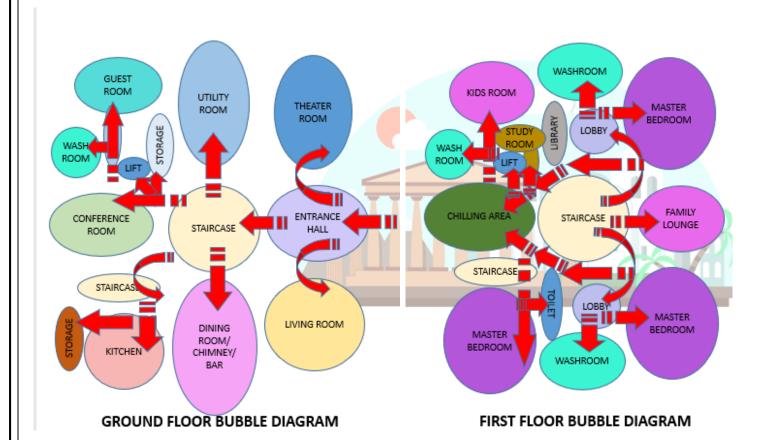
13.CHILLING AREA

14.FAMILY LOUNGE

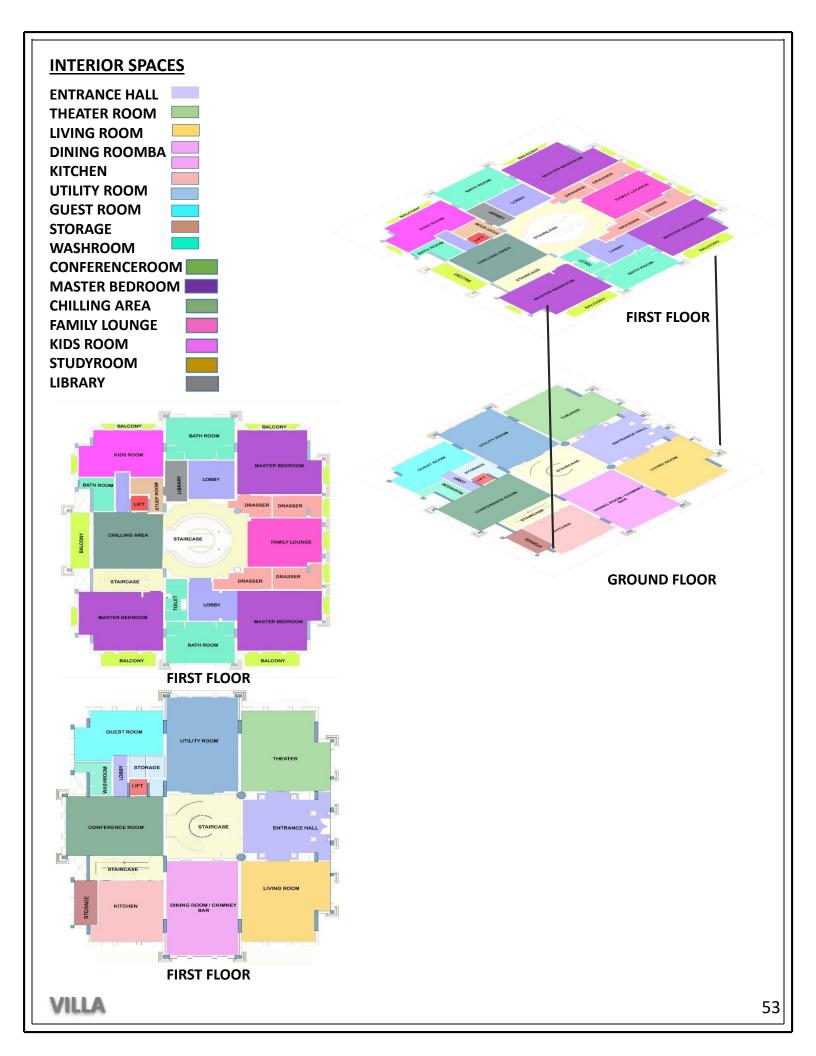
15.KIDS ROOM

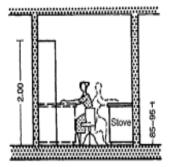
16.STUDYROOM

17.LIBRARY



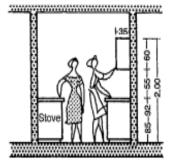






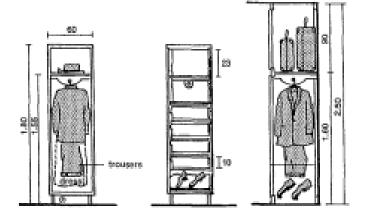
H45+40+80/1.10+-60-H

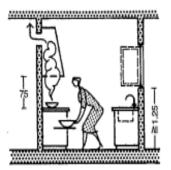
 Section through kitchen with two workplaces



H60+1.20/1.50+60+

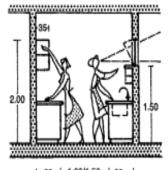
 Section through kitchen with room for two people





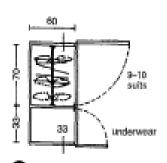
H1.20/1.50 H

 Low-level ovens require appropriate room for movement; provide an extractor fan above the cooker

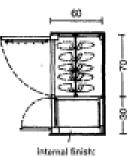


H60-H-1.20/1.50 -H-80-H

Worktops 60 cm deep

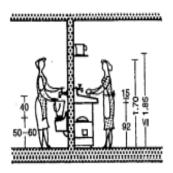


Free-standing wardrobe and linen cupboard: plan, sections

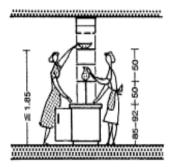


internal brish; walipaper or painted

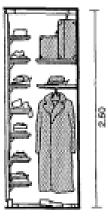
 Built-in wardrobe and linen cupboard with upper compartment

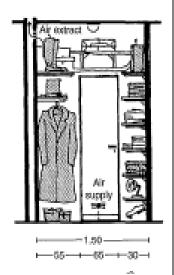


Normal height for bucket sinks and the maximum height for sinks with usable high-level shelf



6 Reach-through hatch between kitchen and dining area with shelves for crockery at higher level; can be opened from either side



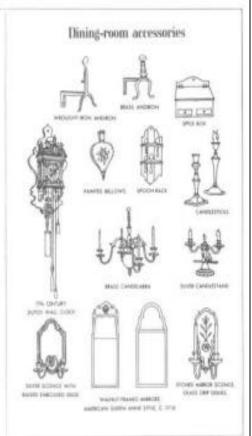






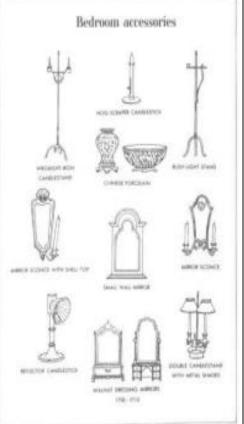


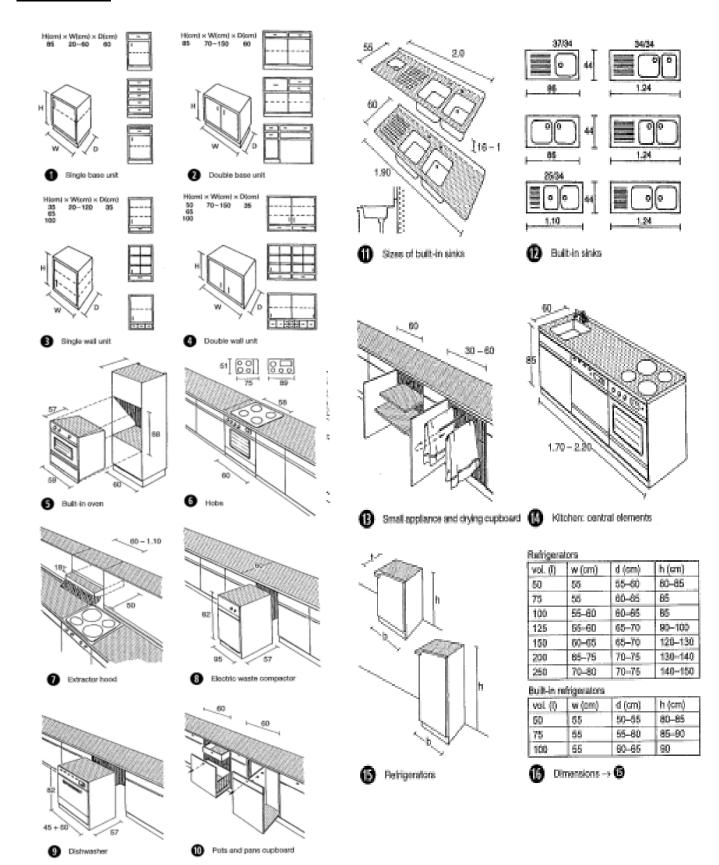








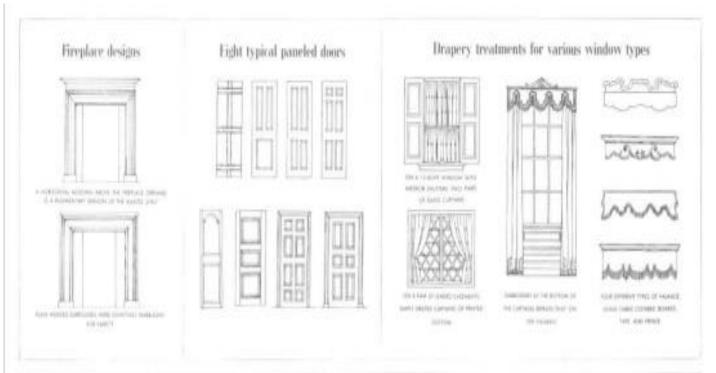


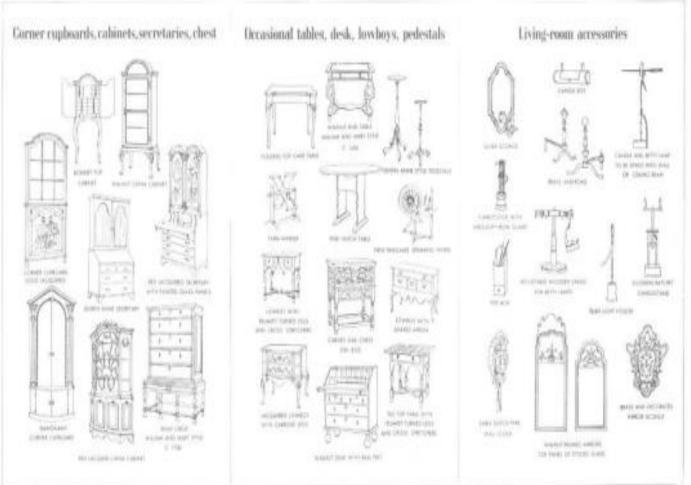




STANDARDS [—≩ 1.00 —]. **├**──≩ 1,15 ── 8 199 Functional split of the bathroom into separate rooms WC with handbasin WC with washbasin - 御 3,15---20 20 20 20 75--is 1,60 ----80--≥ 1.60 ---8 Full bathroom with space for washing machine Shower room with washing machine Space required for shower 0 ——≧ 2.70— -<u>≥</u> 2.35---1.70 -- 1.50×1.50 Full bath Accessible bathroom with showering space Space required for bathtub Doorway surrounds Moldings and trim







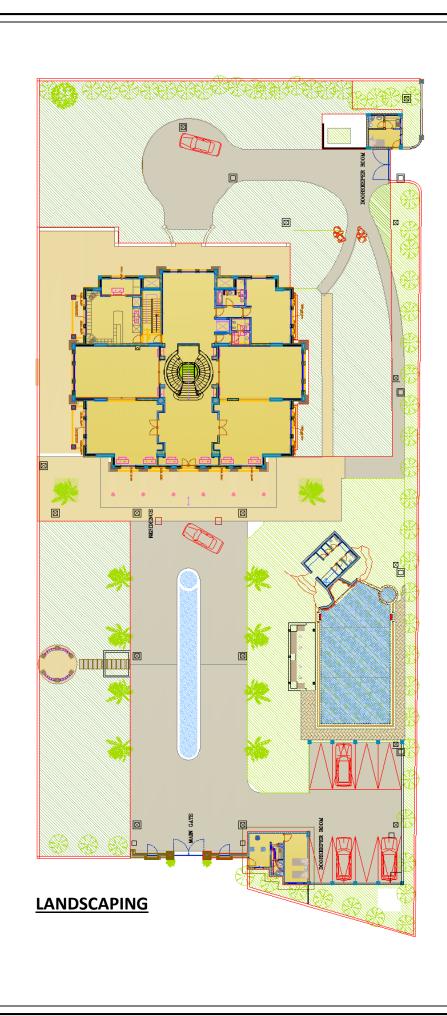


MATERIAL BOARD

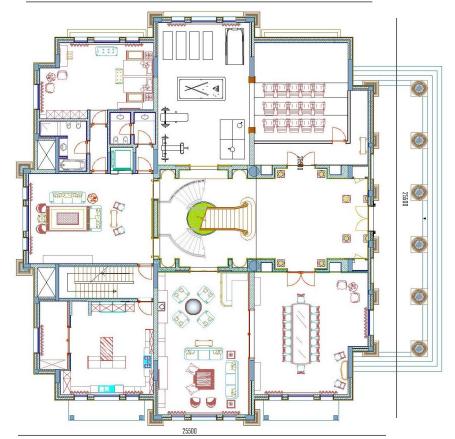


MOOD BOARD VILLA

SITE PLAN –FLOOR PLAN- SECTIONELEVATION-ELECTIVE



25500



GROUND FLOOR

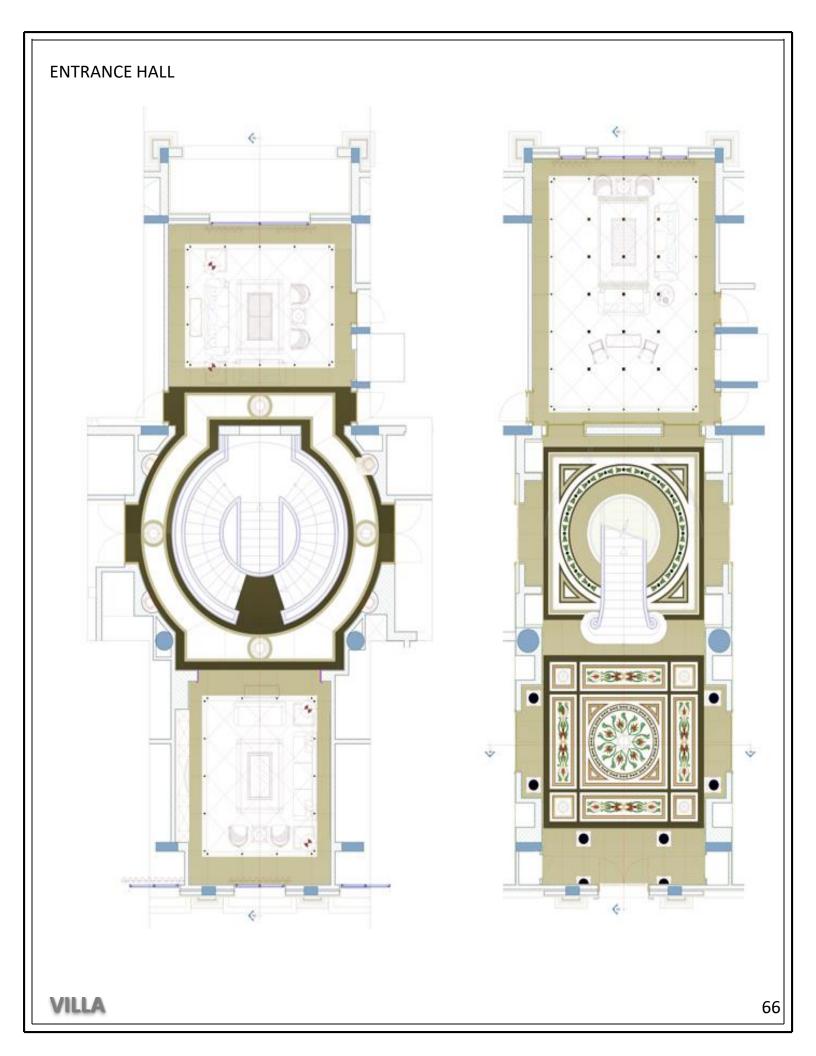


2nd FLOOR

SECTION SECTION C - C 0 0 0 0 4

SECTION F - F

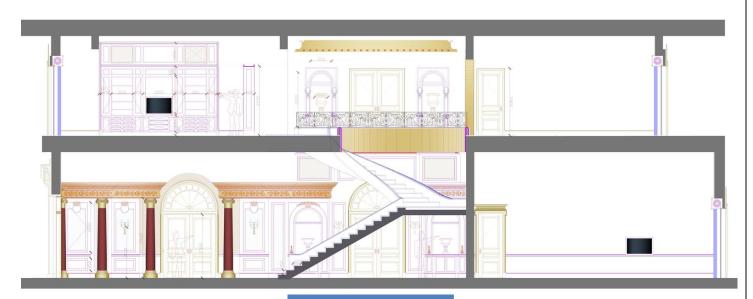
SECTION + 1120 + 680 + 140 SECTION A - A 0 0 0 0 + 1120 SECTION B - B VILLA 65



SECTIONAL ELEVATION



SECTION 2-2



SECTION 4-4



KITCHEN H=+3000mm ABOVE F.F.L. section 1-1 0 VILLA

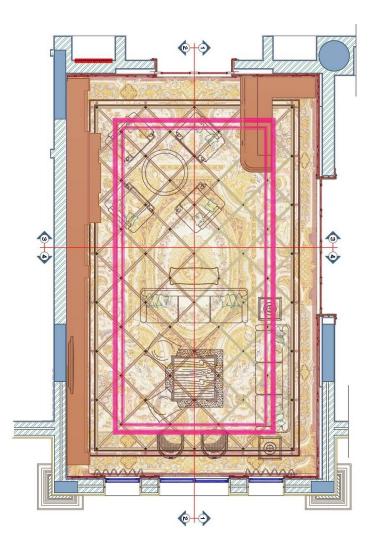
KITCHEN

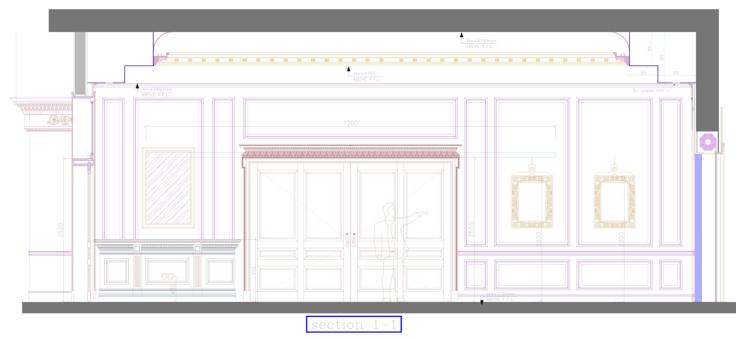






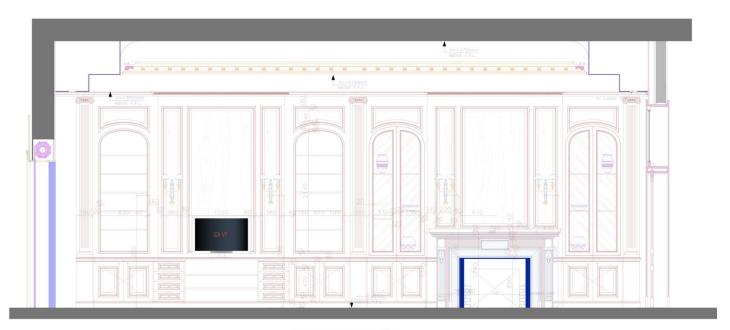
DINING ROOM

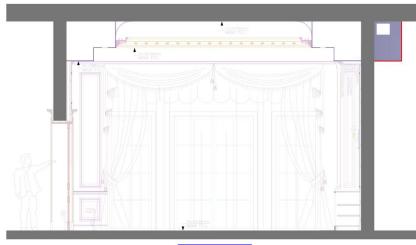


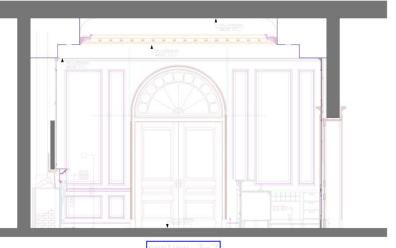




DINING ROOM







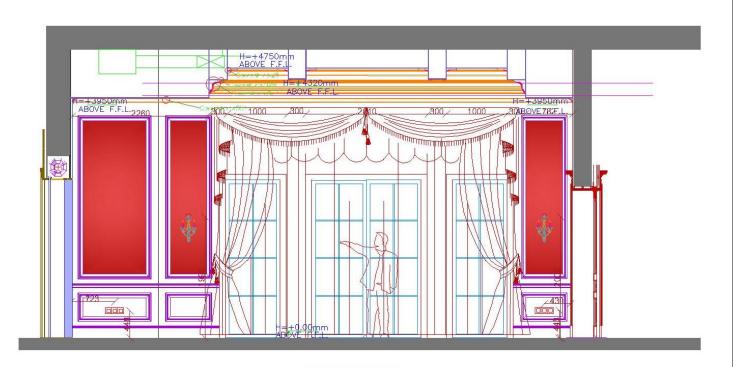


LIVING ROOM (3+4) *3*00/ **4**000 section 1-1 VILLA 72

LIVING ROOM

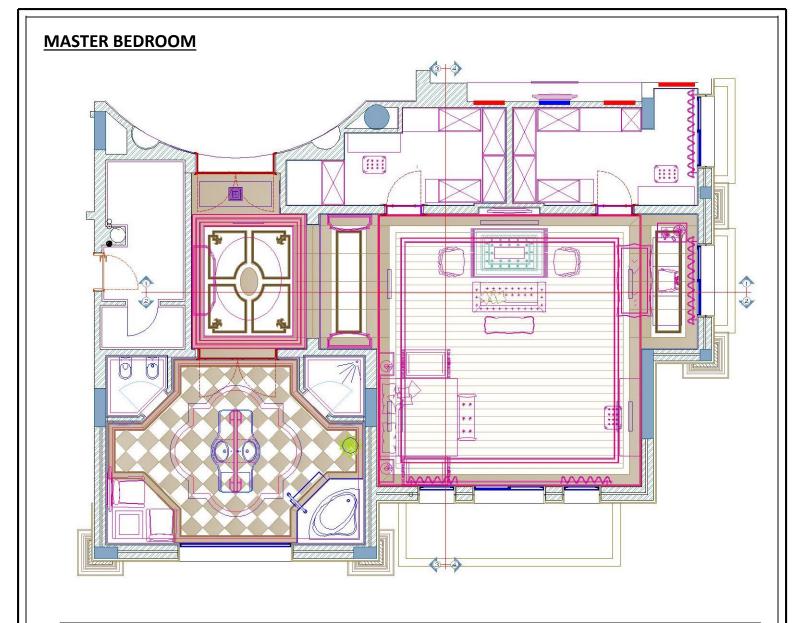


section 2-2



section 4-4



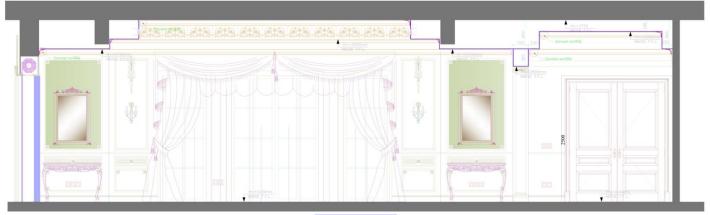




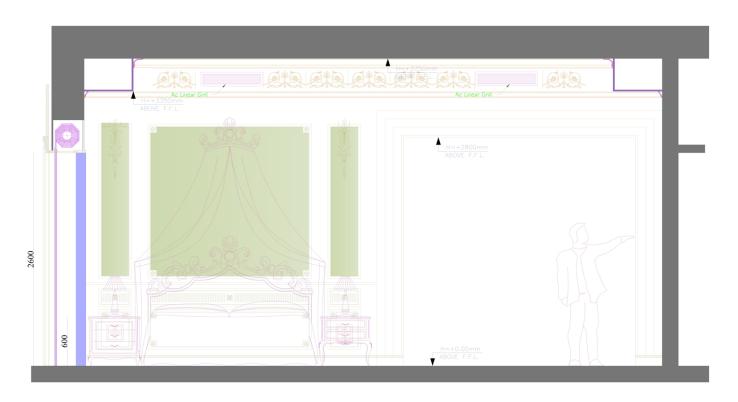
section 1-1



MASTER BEDROOM



section 2-2



section 3-3



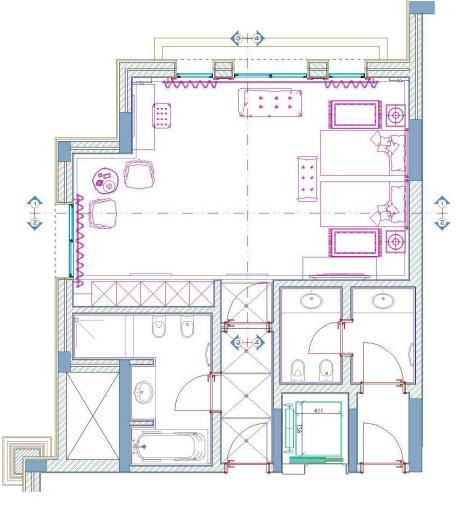
MASTER BEDROOM

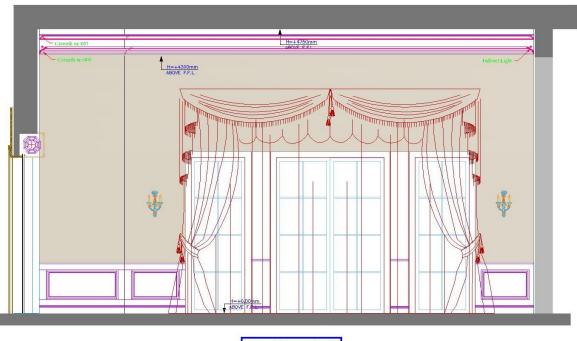


section 4-4



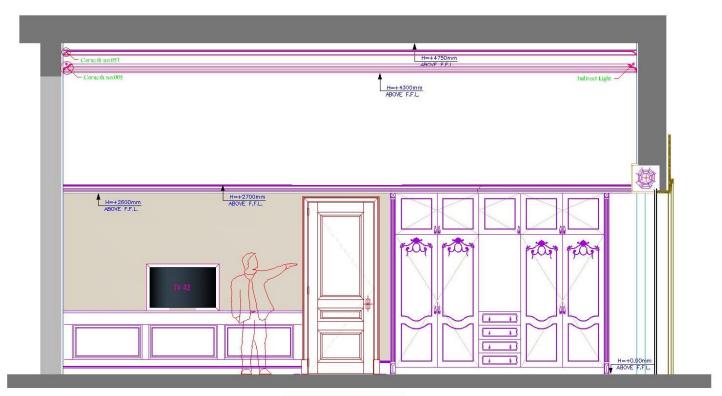
GUEST BEDROOM



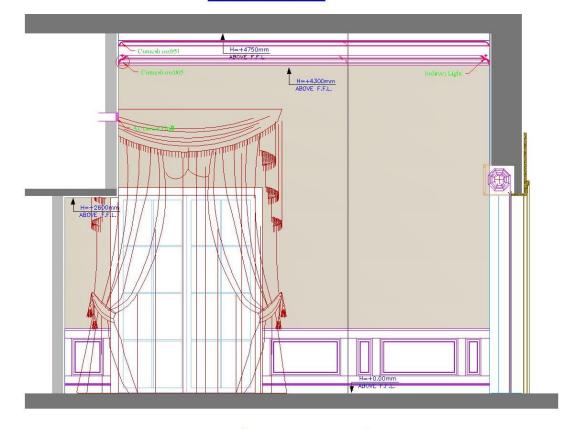


section 1-1

GUEST BEDROOM

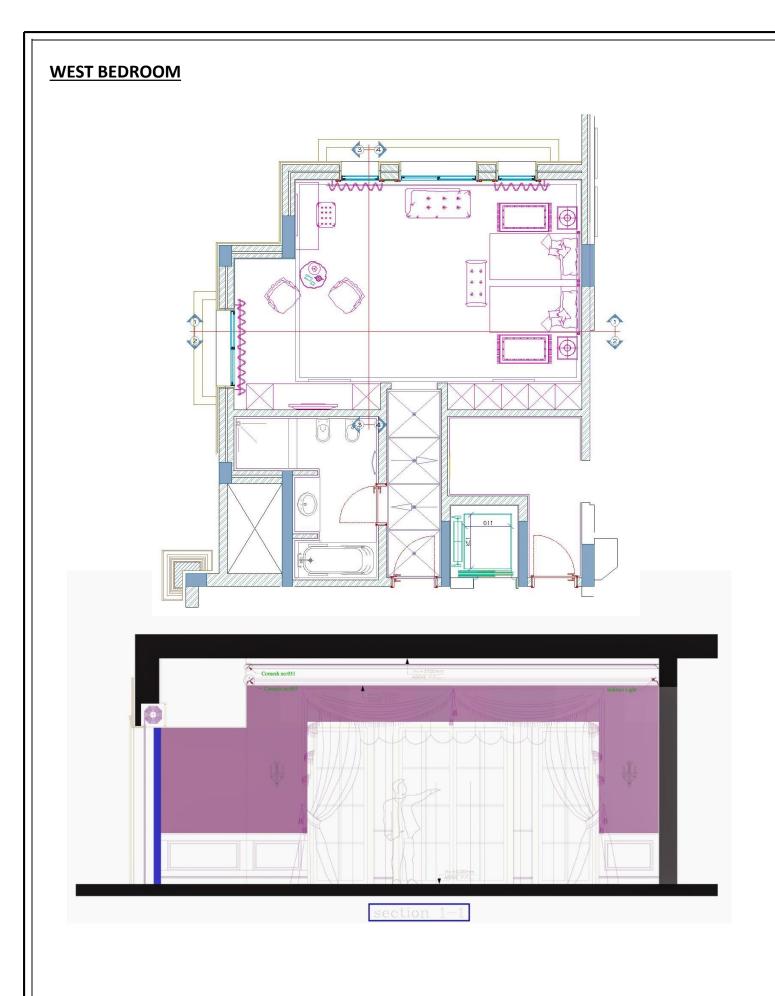


section 2-2



section 3-3

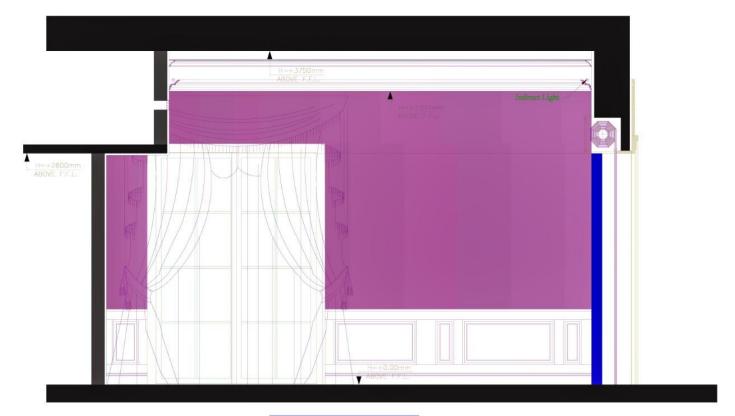






WEST BEDROOM

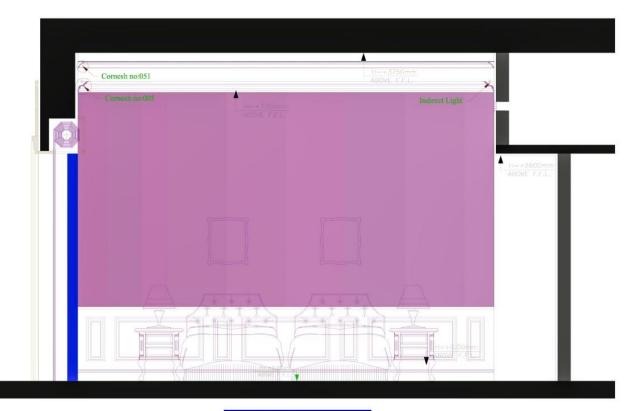
section 2-2



section 3-3



WEST BEDROOM



section 4-4

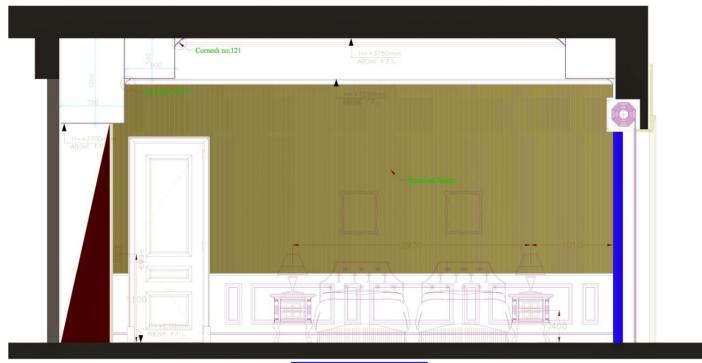


SOUTH BEDROOM (+**)** (3-4) VILLA 82

SOUTH BEDROOM



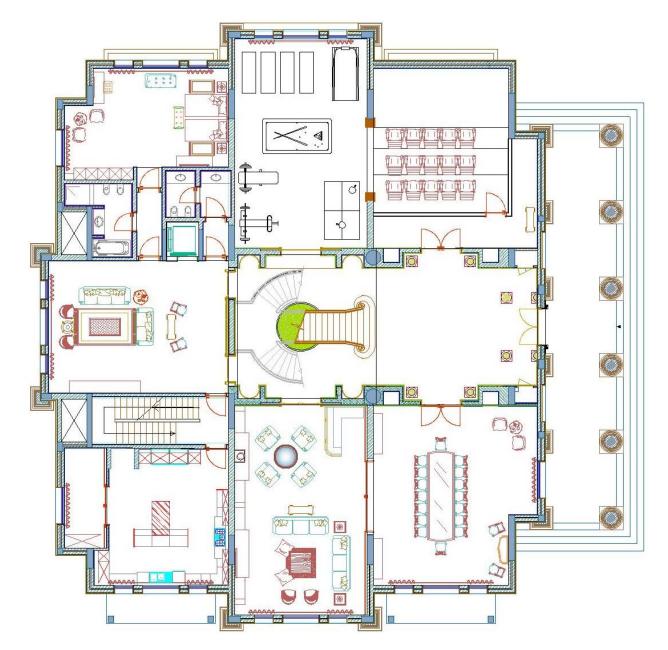
section 3-3



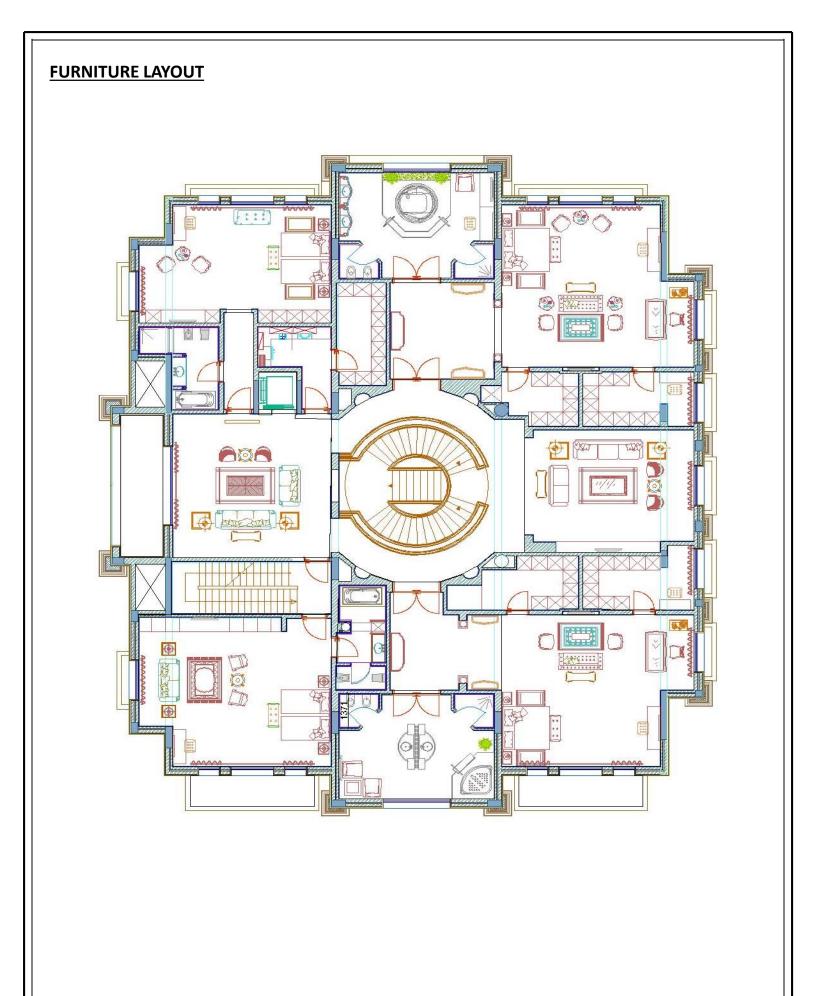
section 4-4



FURNITURE LAYOUT

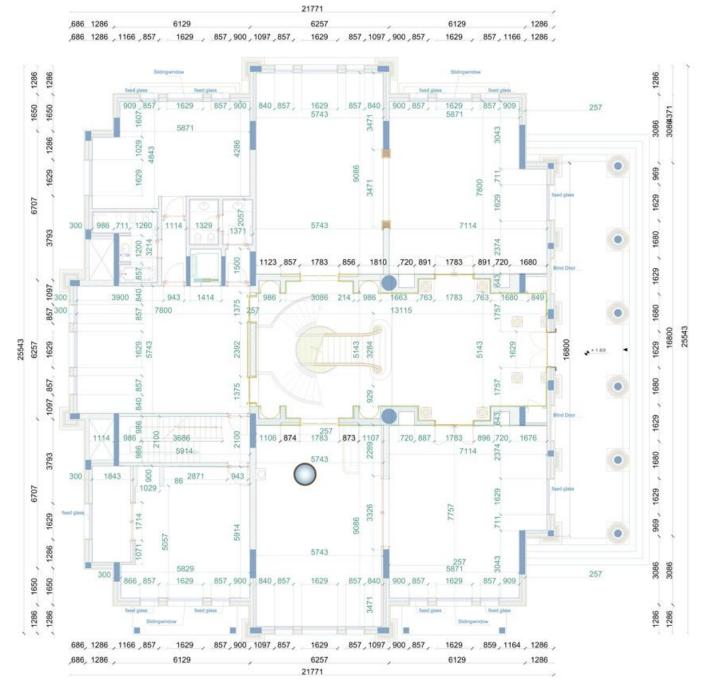


GROUND FLOOR





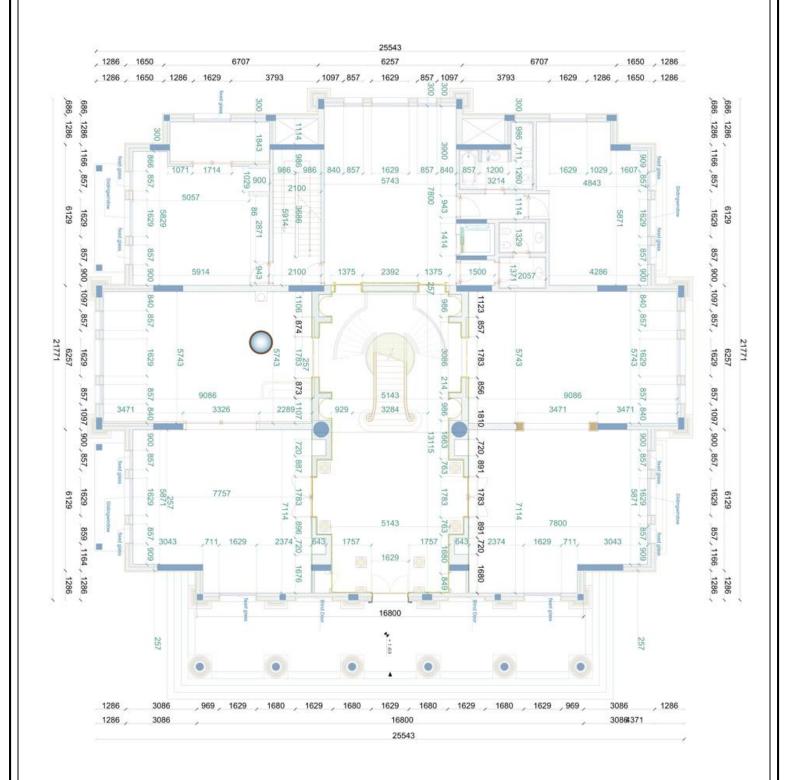
DIMENSION LAYOUT





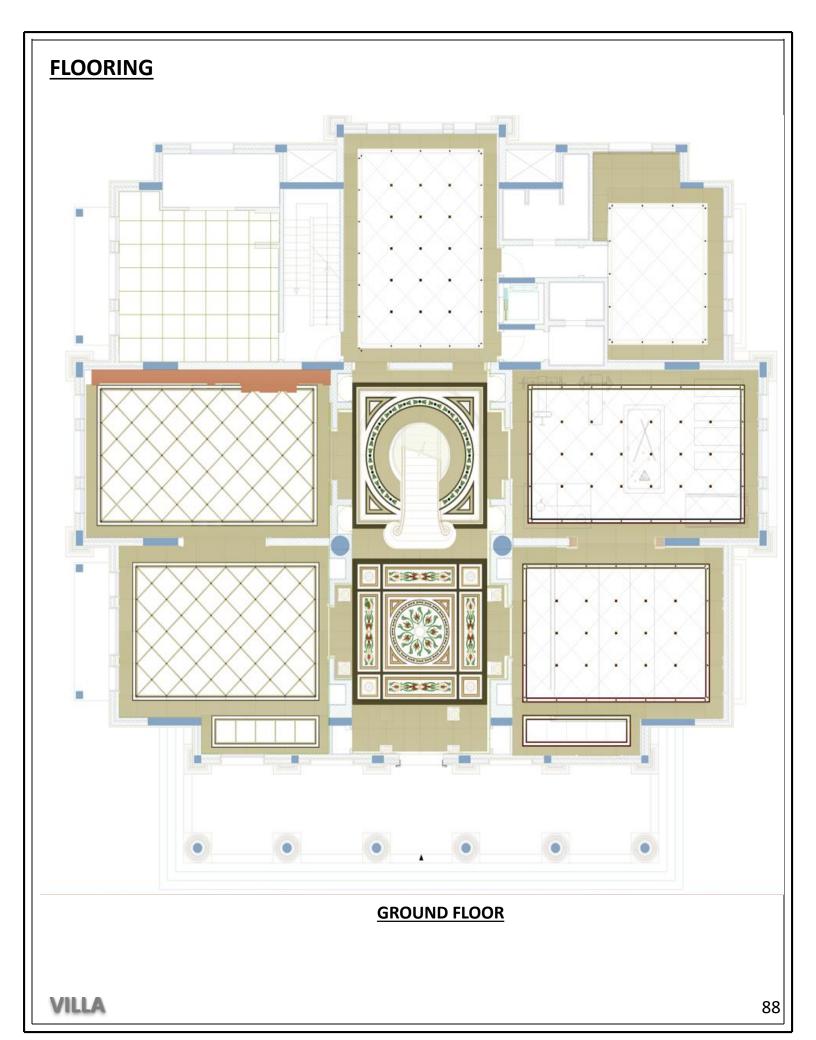


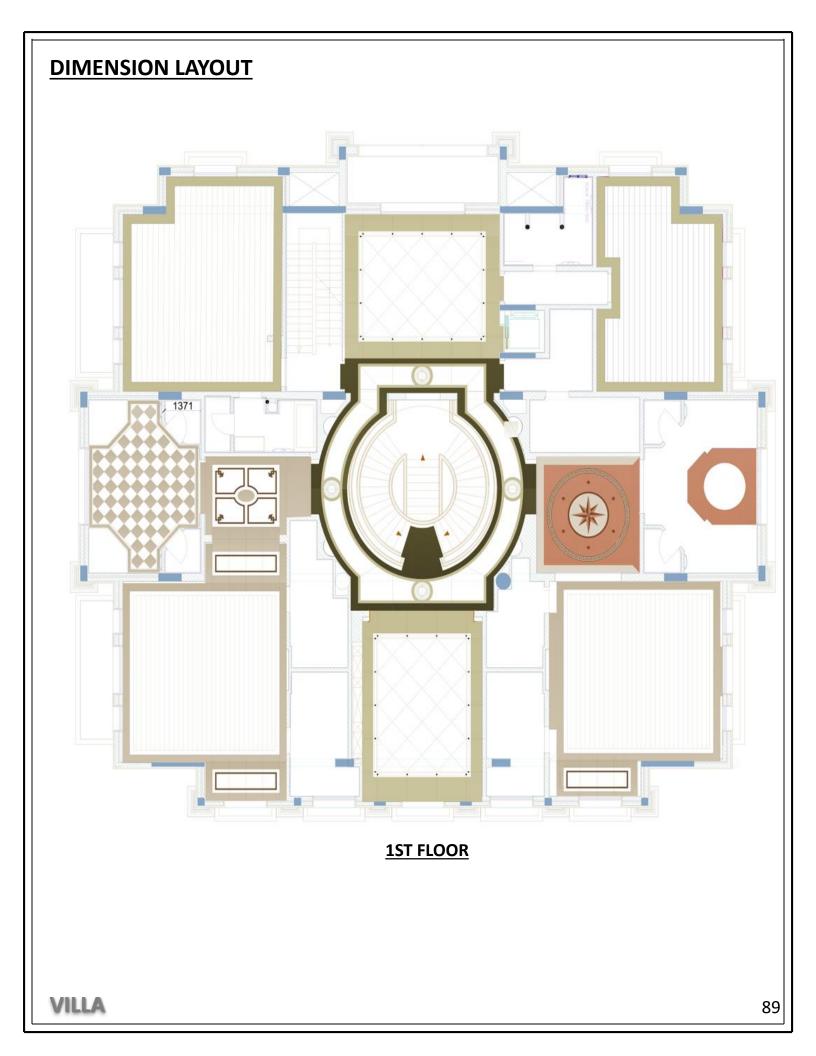
DIMENSION LAYOUT

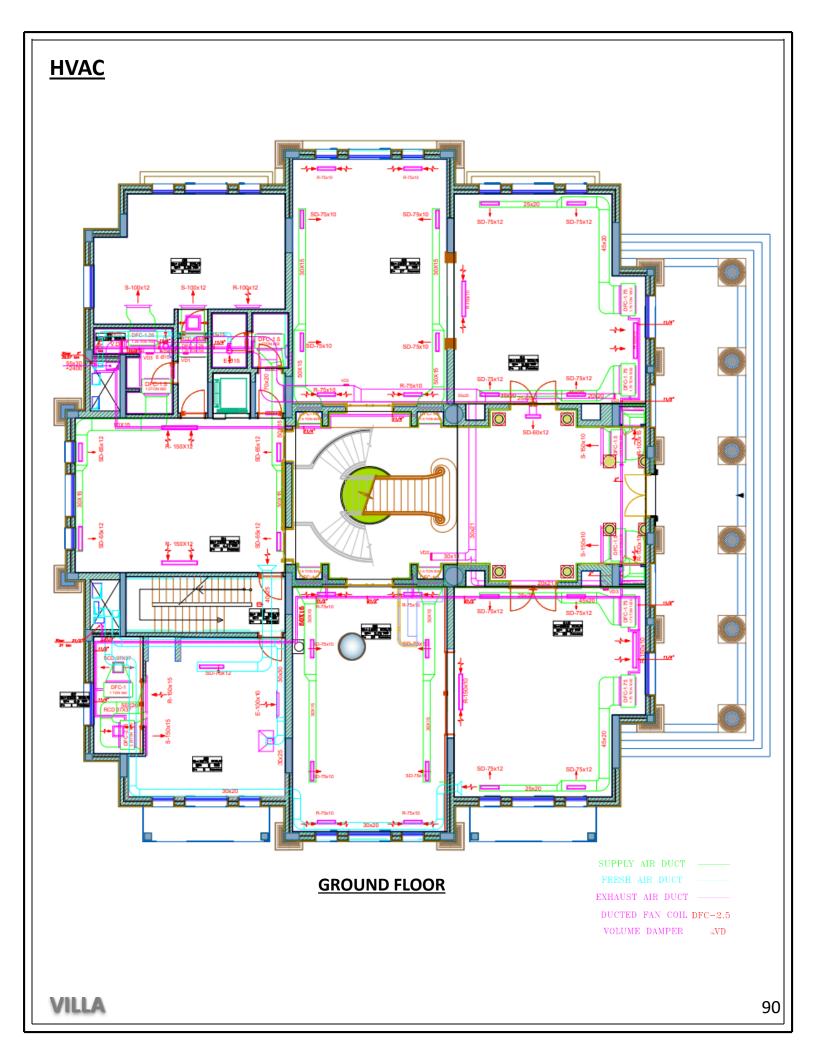


1ST FLOOR



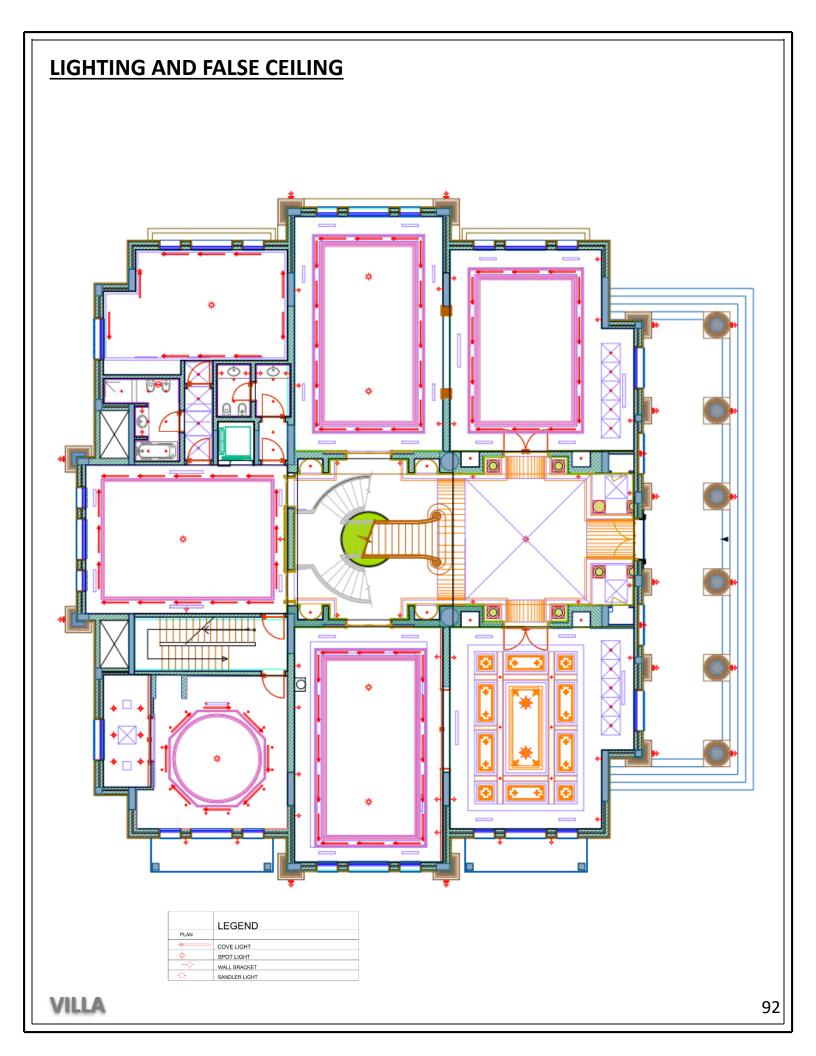


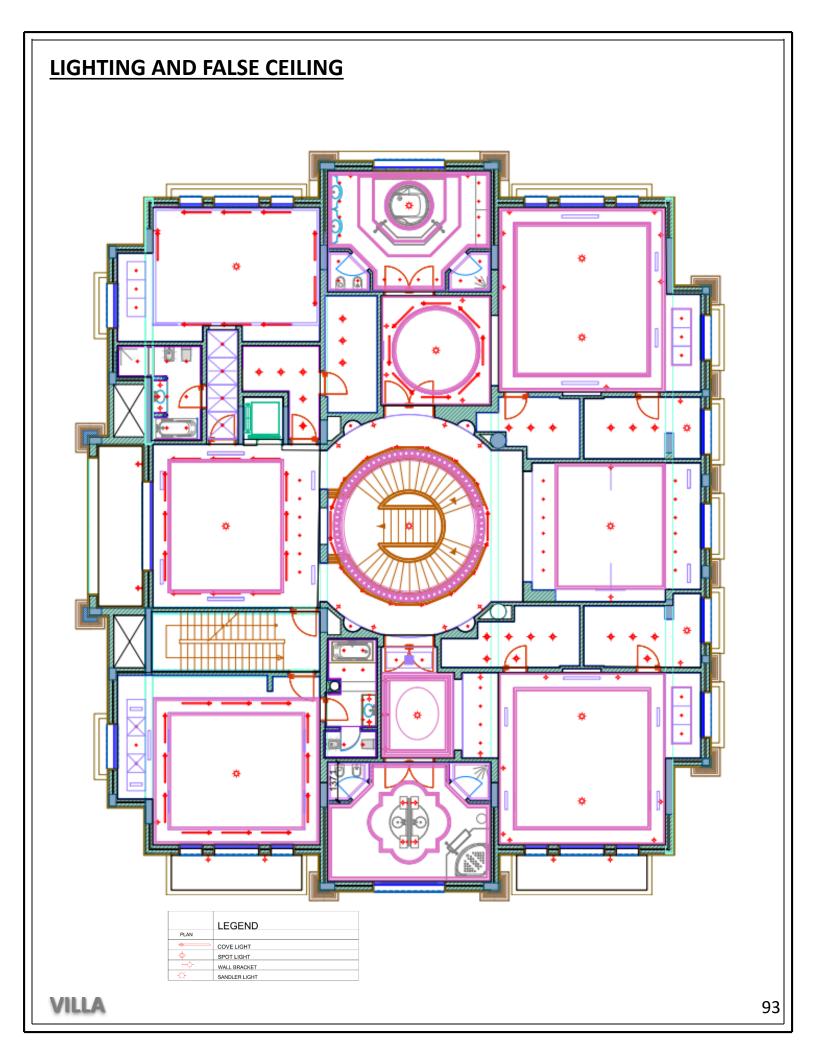




HVAC 21.0 SUPPLY AIR DUCT -EXHAUST AIR DUCT ----**1ST FLOOR** DUCTED FAN COIL DFC-2.5 VOLUME DAMPER 4VD

VILLA





MOLDING DETAILS





3D VIEWS EXTERIOR







3D VIEWS INTERIOR

