

THESIS REPORT ON  
5 STAR HOTEL  
SECTOR 94 Noida ,Uttar Pradesh

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

**BACHELOR OF ARCHITECTURE**  
BY

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1170101006

THESIS GUIDE  
AR. SATYAM SRIVASTAV

SESSION  
2021-22

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

# **BABU BANARASI DAS UNIVERSITY, LUCKNOW (U.P.).**

## **CERTIFICATE**

I hereby recommend that the thesis entitle “**5 STAR HOTEL SECTOR 94 Noida  
,Uttaar Pradesh**”

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  
architecture, school of Architecture and Planning, BBDU, Lucknow.

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External Examiner

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- ANSHIKA MEHROTRA

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# 5 STAR HOTEL

## INTRODUCTION

### WHAT IS A HOTEL

Hotel Is An Establishment That Provides For Services Such As Accommodation , Meals, And Other Services For Travellers And Tourists. Accommodation Can Be For Any Purpose Such As Over Night Stay, Holidays, Business Stay , Transit Etc. Hotel Are An Important Components Of The Tourism Product. They Contribute To The Overall Tourism Experience Through The Standards Of Facilities And Services Offered By Them. A Hotel Is A Commercial Establishment Providing Lodging, Meals And Other Guest Services. They Are Always Located In The Area Having Heavy Traffic Potential Of Tourist To Target Maximum Number Of Visitors In Their Hotel



### WHAT DOES HOTEL INCLUDE

Social – Gathering Places Like Restaurant Café Bar Ballroom, Food Court

Cultural – Space For Carrying Out Cultural Activities. Open Garden , Banquet Hall.

Entertainment – Gaming Parlour, Cinemas, Theatres.

Leisure – Spa, Gym, Club , Yoga Hall.

Business – Meeting Room, Conference Hall, Offices, Residential , Deluxe And Prmium Guest Rooms And Suits



### NEED ?

Five Star Hotel Are Themselves A Tourist Attraction, Places We Go To Splurge And Pamper Ourselves After Long Tiring Schedule Of Our Daily Routine. These Hotels Are More Luxurious And Provide Much Better Quality Of Life Then We Live At Home. The Reason To Stay In A 5 Star Hotel Over A 3 Star Or 4 Star Hotel Is Same As To Go At A Hill Station Than Taking A Walk In A Central Park People We Get To Meet At A Five Star Hotel Are Financially More Secure, Hence The Opportunities Are Incredible To Expand Your Business .

# Difference Between Hotel, Motel And Resort

## HOTEL

A Hotel Provides Paid Lodging To Tourists And May Also Provide A Number Of Other Services Or Amenities, Such As A Restaurant, Swimming Pool, And Or Spa. Many Hotels Are Also Arranged To Hold Conferences And Meetings, Thus Making Them Useful Locations For Business Meet Ups, Leisure And Vacation Spot. They Can Be Single, Multi-storied, Or Varies; With Rooms That Open To Interior Of The Building.



## MOTEL

Motel Is A Word Derived From The Term "Motorist's Hotel." This Was A Term Used To Indicate When A Hotel Provided Ample Parking, A Feature That Is Particularly Useful To People Who Frequently Travel Long Distances On Major Highway And Inter State Systems. Initially, Motel Rooms Had Doors That Faced The Parking Lot, Making Coming And Going Especially Easy. They Are Single, Or Double Storied Building With Connected Rooms; Has Open Walkways, With Exterior Entrances .



## RESORT

Resorts Are Places Or Towns Or Commercial Establishments That Provide Relaxation And Recreation Over And Above The Accommodation, Meals And Other Basic Amnesties . The Characteristic Of Resort Is That It Combines A Hotel And A Variety Of Recreations A Resort Usually spread Out Over More Land Compared To A Hotel With More Privacy For Their Occupants





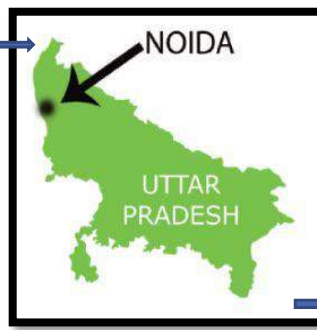
# RATING SYSTEM

One Star	251-400	Has Limited Facilities And Services . Appeals To “Budget Minded” Tourists.	Less than 25
Two Star	401-550	Appeals Tourists Looking For More Than Basic Accommodation. Has Expanded Facilities And “Higher Level” Of Comfort.	25 or more
Three	551-700	Accommodation Is Deemed “Very Good”. More Spacious Public Areas And Higher Quality Facilities And A Greater Variety Of Services.	26 to 99
Four Star	701-850	“Up- Scale In All Areas” And Accommodation Is “Refined And Stylish”. Services Is Deemed Responsive And Has An Extensive Array Of Facilities.	100 to 299
Five Star	851-1000	Reflects Characteristics Of “Luxury And Sophistication”. Facilities Are Deemed “World Class In Every Manner” And Services Are Deemed Meticulous And “Exceeding All Guests Expectation”	More than 300

## DESIGN BRIEF

The Hotel Is To Be Designed As Per The Classification Of Luxury 5 Hotels In Noida India . It Is To Be Constructed On A Plot Of 9 Acres With Allowable Built-up Area Of 145684 Sq.M And Must House 150-300 Accommodation Units With Banquet And Conference Hall. The Hotel Must House Restaurant And Wellness Spa. It Will Celebrate And Reflect The Principle Motives Like Comfort, Cleanliness And Luxury With Certain Recreational Activities Like Casino . The Hotel Will Atm To Establish Itself As A Landmark And A Successful Green Building In Noida Using Appropriate Standards Of Energy And Resource Efficiency Along With Minimum Carbon Foot PrintAnd Adequate Waste Handling And Disposal Setup.

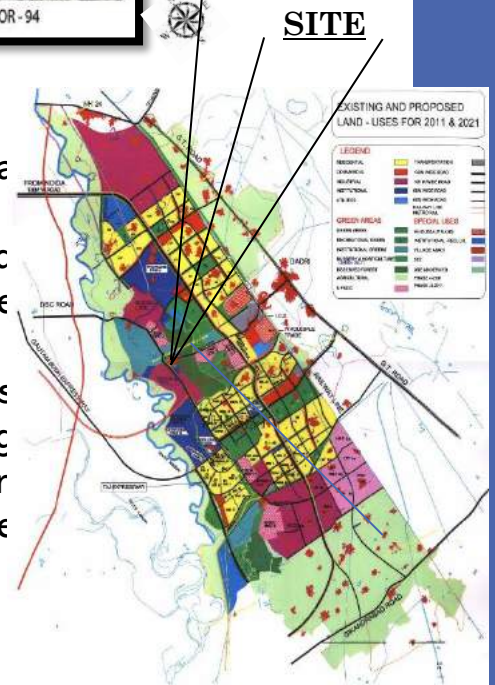




## INTRODUCTION OF THE SITE

Noida Is One Of The Fastest Growing Cities In India And Thriving Hub For Economic Activities. It Is Located At The Intersection Of Western And Eastern Dedicated Corridors And Is Also The Gateway To The Delhi-Mumbai Industrial Corridor. It Is One Of The Largest Township In Asia And Lies Within The National Capital Region Of India. Shaping Up As India's Smartest City, Most Modern Urban Development Centre And Fastest Developing Centre Or

Attraction. It Is It Has Emerged As A Modern Model Of Farsighted Town Planning.



## SITE LOCATION

Site For Proposed Hotel Located  
In Noida  
Sector 94 Uttar Pradesh



## ACCESS TO SITE

1. Dnd Flyway Via Ashram : Unhindered Access To South Delhi.
2. Nh-24 Via Mayur Vihar And Nizamuddin Bridge: To Central And New Delhi.
3. **New Delhi Railway Station** : Site Is Located At A Distance Of 20.6 Km (Approx.) From New Delhi.
4. **Igi Airport:** Site Is Located At A Distance Of 29km (Approx.) From Igi Airport
5. **Metro Station:** Site Is Located At A Distance Of 95m (Approx.) From Okhala Metro Station



SITE SURROUNDING :-



Metro Station

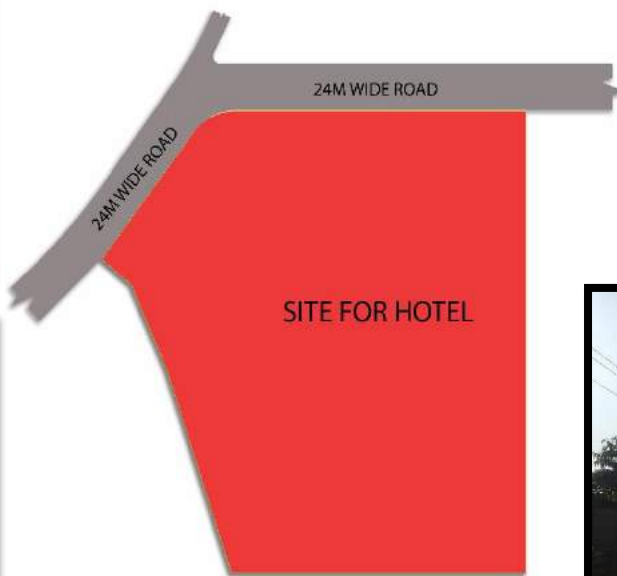


1. Commercial Complex



**SITE CONSTRAINTS :-**

TOPOGRAPHY	Flat , no Rocks or Natural Terrains
SOIL TYPE	• Alluvial Soil ( Clay + 40 – 60 % Sand) Bearing Capacity 160 Kn/M²
VEGETATION	• Trees Are Present Near The Site But On The Site Wild Bushes, Tropical Thorn Only, No Trees.
WATER SUPPLY	• Water Will Be Supplied From Water Tank(2000 kl) In Sector 94, Noida
SEWER	• Lines Laid On The Adjacent Road
TRAFFIC	• The Road Adjoining Are Not Wide Enough, There Is No Service Road
ELECTRICITY	• High Tension Wires Pass Through The Front Road. Transformer Is Also Present
GAS PIPELINE	• Gas Pipe Line Runs On The Adjacent Road
STREET LIGHT	• Street Light Poles Are Present At The Side Of The Road





# SITE ANALYSIS



- Area - 9 Acre( 36421 Sq M)
- Ground Coverage – 30 %(10926 Sq M)
- Far = 4
- Built Up Area(max) = 145684 Sq M
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- Ground Coverage – 30 %(10926 Sq M)
- Far = 4
- Built Up Area(max) = 145684 Sq M

## BYE LAWS AND STANDARD (AS PER NOIDA MASTER PLAN)

### 24.4 COMMERCIAL BUILDINGS 1. Ground coverage, Floor Area Ratio and height

#### 24.4.1 Other Provisions for Commercial Buildings:

Sl. No.	Use	Maximum ground coverage	Maximum FAR	Maximum height in meters
1	Convenient Shopping Centre	40%	2.00	24.0
2	Sector Shopping	40%	2.00	24.0
3	Sub District Centre, Shopping/commercial uses along MP roads and other Master Plan level Shopping Centres	30%	- 4.00	No limit
4	Hotel	30%	4.00	No limit
5	Banks	30%	1.50	No limit
6	Cinema/Multiplex/Cineplex	30%	As per govt. policy	No limit
7	Warehousing/Godowns	60%	1.50	No limit

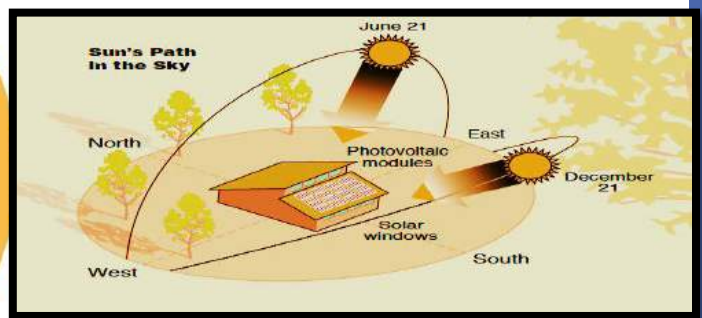
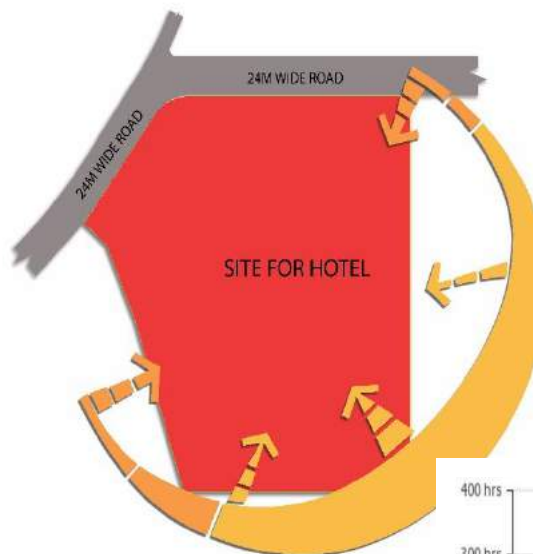
(1) No construction of any kind shall be permitted beyond the building envelope (on

## PARKKING

4	Commercial	One parking space for 30 sqmtrs of permissible FAR area.
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# CLIMATE ANALYSIS :-



## CLIMATE

LATITUDE: 28° 53'N

LONGITUDE: 77° 39'E

ZONE: TROPIC OF  
CANCER

CLIMATE: COMPOSITE

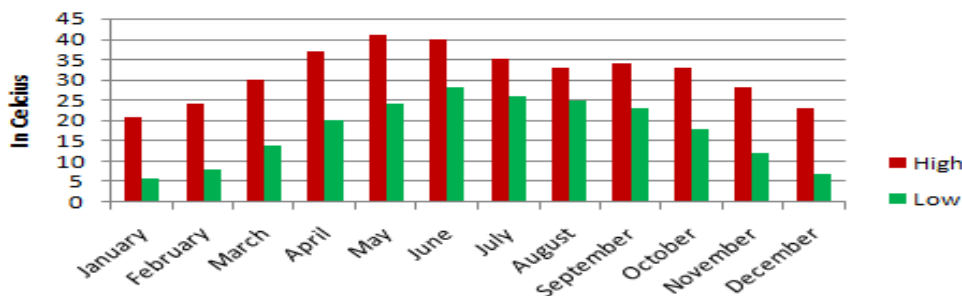


## RELATIVE HUMIDITY

IN DRY SEASONS: 20-55%

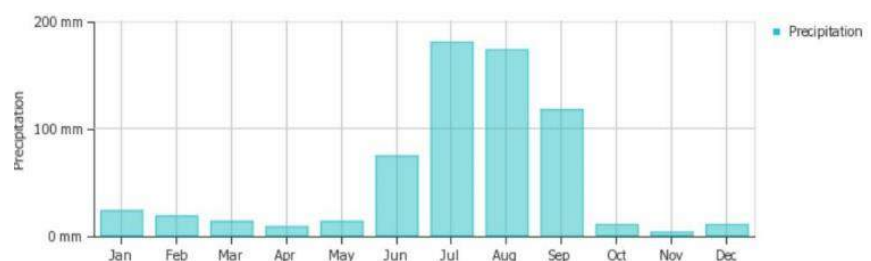
IN WET SEASONS: 55-95%

Climate data for Noida													[100]
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Average high °C (°F)	21 (70)	24 (75)	30 (86)	36 (97)	39 (102)	37 (99)	32 (90)	29 (84)	28 (82)	26 (79)	23 (73)	20 (68)	27.2 (81.0)
Average low °C (°F)	6 (43)	10 (50)	15 (59)	21 (70)	27 (81)	33 (91)	37 (99)	36 (97)	33 (91)	28 (82)	22 (72)	18 (64)	23.8 (75.0)
Average precipitation mm (inches)	26 (1.03)	22 (0.87)	17 (0.67)	7 (0.28)	8 (0.31)	66 (2.59)	211 (8.31)	103 (4.06)	150 (5.91)	31 (1.22)	1 (0.04)	5 (0.2)	71.5 (2.81)



## RAINFALL

The Maximum Rainfall In Noida Is 180 Mm In July And Minimum Is 1 Mm In November. The Average Annual Rainfall In The District Is 728 Mm. About 81% Of The Annual Rainfall Is Received During The Monsoon Months Of July, August, And September



**VEGETATION:** (As per Composite Climate)

<u>DECIDUOUS TREE</u>	<u>SCIENTIFIC NAME</u>	<u>HEIGHT</u>
ORCHID	Bauhinia Variegata	15 m
ASHOKA	Saraca Asoka	15 m
BISMARCK PALM	Bismark Nobilis	25 m
PEEPAL	Ficus Religiosa	30 m
INDIANA CORK	Millingtonia Hortensis	24 m
PUTRANJIVA	Putranjiva Roxanbhughii	25 m
BABUL	Vachellia Nilotica	5-20 m
BAEL	Aegle Marmelos	Not Defined
LEBBECK	ALBIZIA LEBBECK	18-30 m



<u>SHRUBS</u>	<u>SCIENTIFIC NAME</u>	<u>HEIGHT</u>
Chaff Flower	ACRYANTHES ASPERA	-
Poppay	ARGEMONE MEXICANA	-
Kair	CAPPARIS DECIDUA	5 m
Crown Flower	CALOTROPIS GIGANTEA	4 m

**WIND:**

**Wind Direction:**

Monsoon Winds - Se To Nw (July-sept)

Cold & Dry Winds - Ne To Sw (Oct-feb)

Hot And Dry Wind(loos) - From West (Mar-jun)

**WIND VELOCITY:**

AVERAGE SPEED : 6.875(kts)

On Average, The Most Wind Is Seen In June.

On Average, The Least Wind Is Seen In November

The Composite Zone Covers Central Part Of India Including Cities Like Delhi , Cities Of Uttar Pradesh , Madhya Pradesh Etc.

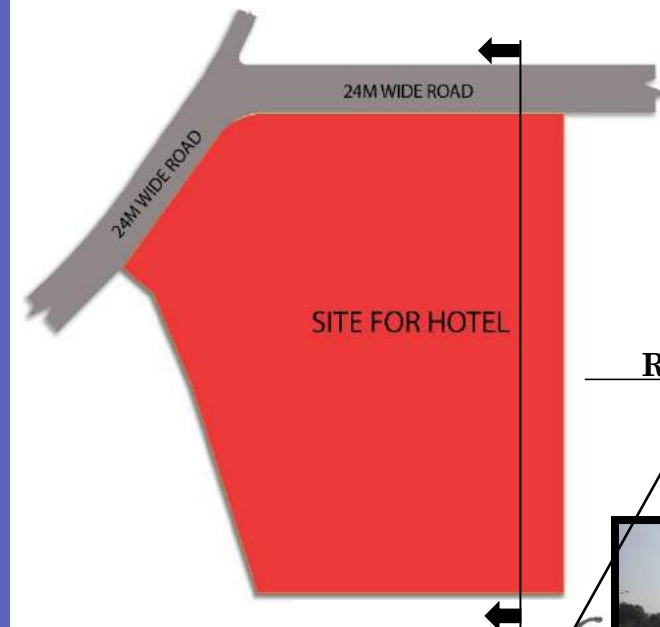
Most Common Type Of Vegetation In Composite Climate Is “**Deciduous**” .

These Type Of Trees Are Less Dense Than Evergreen Trees And Shed Their Leaves In Particular Season Of A Year.

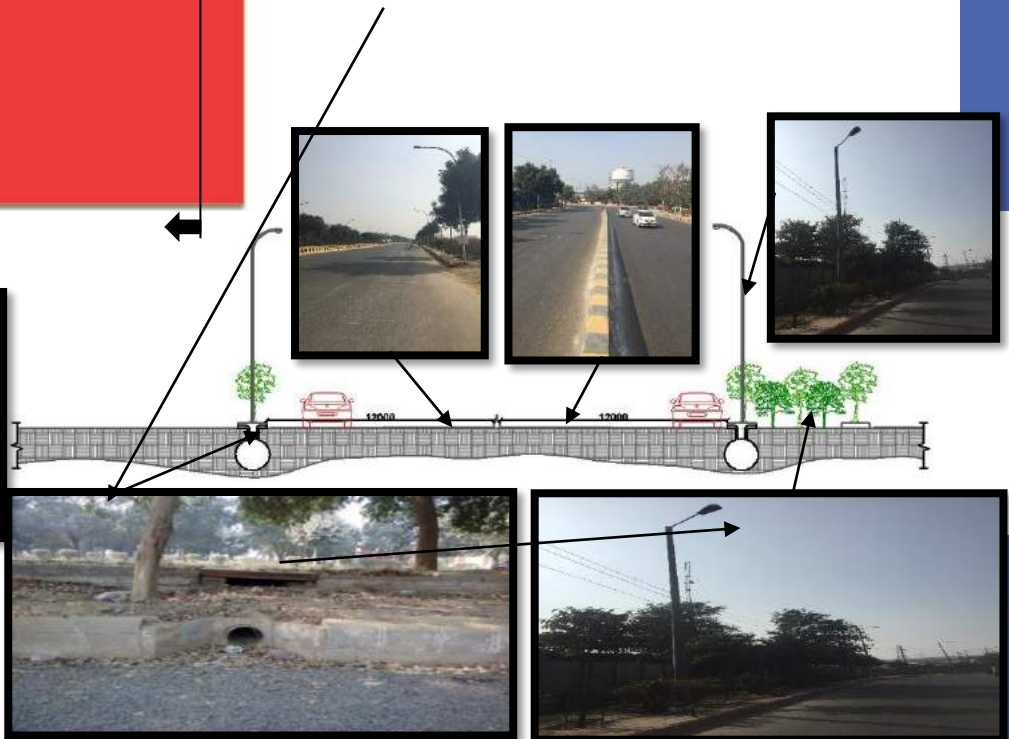
Their Average Height Is 20-25m. Generally Require Less Water And Can Bear Harsh Sun In Summers Too.



## ROAD SECTION



### ROAD SECTION OF 24M WIDE ROAD



**S.W.O.T :-**

STRENGTH	WEAKNESS	OPPORTUNITIES	THREATS
<ul style="list-style-type: none"> <li>• Plain Land(low Gradient).</li> <li>• Easily Accessible.</li> <li>• Surrounded By Road From Two Side Sides</li> <li>• Abundant Natural Resources Like Wind, Daylight Etc.</li> <li>• Facilities Like Sewer , Water Supply , Security , Treated Water Etc .</li> <li>• Low Ground Table</li> </ul>	<ul style="list-style-type: none"> <li>• In Earthquake Zone 4.</li> <li>• Connected Road Are Not Wide Enough</li> <li>• No Service Road Available</li> </ul>	<ul style="list-style-type: none"> <li>• Opportunites Of Increase Foot Fall In Coming Time Due To Propose Airport Terminal</li> </ul>	<ul style="list-style-type: none"> <li>• Highly Earthquake Prone Area Subjective To Severe Damage..</li> <li>• Unavailability Of Local Market Place Near The Site Usually At Night.</li> </ul>

# CASE STUDY - 1

## HOTEL RADISSON MBD, SECTOR - 18 , NOIDA

Radisson Blu MBD Hotel Noida is fully owned and managed by the MBD Group. In its sixteen years of existence, The Radisson Blu MBD Hotel, Noida has quietly, but distinctly defined itself as a trendsetter and is a top performing hotel in competition set. This lavish hotel, located in the heart of the bustling national capital region of delhi, features modern architecture, superior guest services, and well-appointed rooms and suites. Amenities include a variety of in-house dining venues, a large swimming pool, an on-site spa and state-of-the-art meeting facilities. The array of accommodation and restaurant services provided by the us has set a benchmark in hospitality. To keep the services of utmost guest gratifying, we have with us highly proficient staff that look after every need of our guests and endeavors to meet their precise requirements.

### CONCEPT

The Hotel creates a beautiful synergy of fashion, style and hospitality with its award winning food and beverage outlets “Made In India” (The Indian Restaurant), “RED” (The Oriental Restaurant) and the “The Chocolate Box & lounge” along with “SXVIII” (All Day brasserie) and “Espace” spa and fitness club.

Site divided in three parts

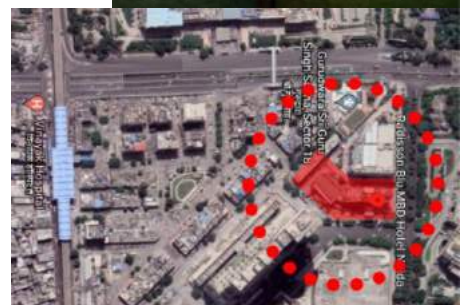
- One is the hotel block and the recreational area,
- Second is the banquet area and
- Third is the service area

### LOCATION AND CONTEXT

- Located in the heart of sector-18 in noida, delhi NCR area.
- Within the highly active commercial area and shopping district of nehru place.
- The place is not only increase the validity of the hotel but also provide a fascinating view of the lotus temple, iskon temple and view toward the city.
- Hotel is situated in the commercial hub.
- This hotel was constructed in 2003 at a cost of 90 crore rupees.
- The total plot area is 2 acres.



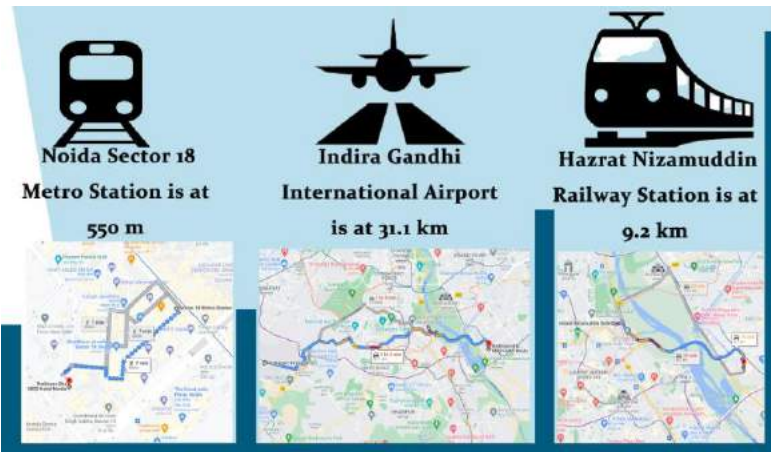
FRONT VIEW



## AWARDS & HONOURS

1. In just a short span of less than two years, Radisson Blu MBD Hotel Noida “The Best Franchise of the year award 2005”.
2. The Asia Pacific’s Best Performing Franchised Hotel of the Year for 2011 Carlson Rezidor Hotel Group.
3. “Hotel of the year” 2012 and 13
4. Responsible Business Hotel of the year 2012”, Franchised Hotel Asia Pacific by the Carlson Rezidor Hotel Group.

## APPROACH TO THE SITE



## CLIMATE ANALYSIS

\* The climate of the Noida is Composite.

\* In summer (March to June), the weather remains hot and the temperature ranges from a max. of 48 °C to a min. of 30 °C.

Monsoon season prevails from mid-June to mid-September.

\* The cold waves from the Himalayan region make the winters in Noida chilly and harsh. Temp. fall to as low as 3 °C to 4 °C at the peak of winters. In January, a dense fog envelops the city, reducing visibility on the streets.

## LANDMARKS



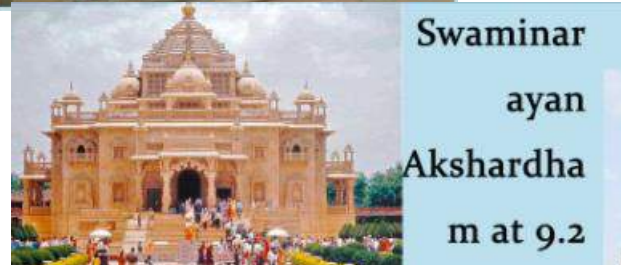
Worlds of Wonder at 500 m



Iskon Noida at 5 km



Gardens Galleria at 500 m



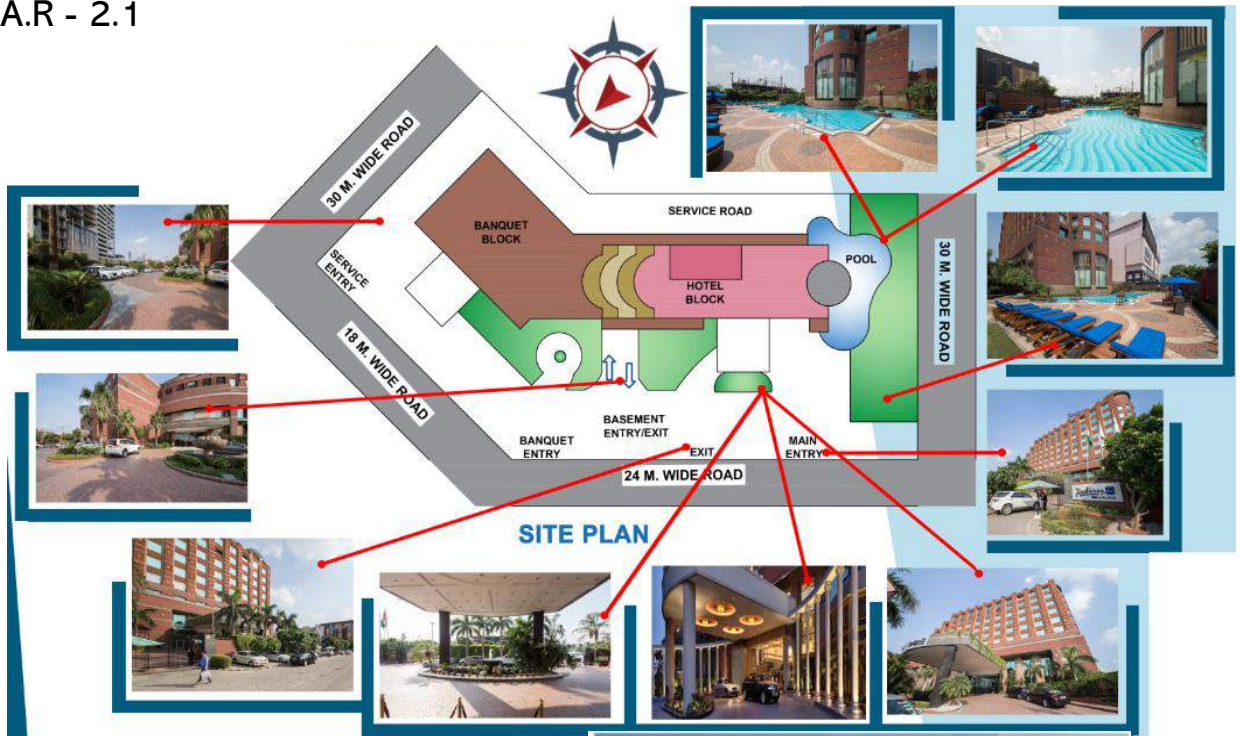
Great India Place at 500 m





# AREA ANALYSIS AND SITE SURROUNDING

SITE AREA - 9000 SQ.M. Approx.  
GROUND COVERAGE - 2640 SQ.M.  
OPEN AREA - 5100 SQ.M.  
F.A.R - 2.1



## HOTEL SPACES

### HOTEL ENTRANCES

There are three entrances to the hotel

1. The main entry and exit gate,
2. The service gate, and
3. The gate for the banquet entry.



### MAIN LOBBY

- The porch opens into a reception lobby.
- Comprises of a lobby lounge, a coffee shop, a restaurant, a bar, a rest room and a shopping arcade.



### PORCH

- 2 porch one for the reception area and other for the banquet area.
- Seperate porch for the banquet provides ease for the visitors and donot disturb the lobby area

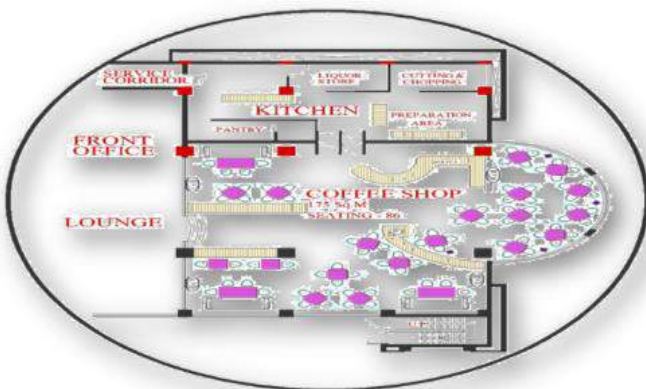
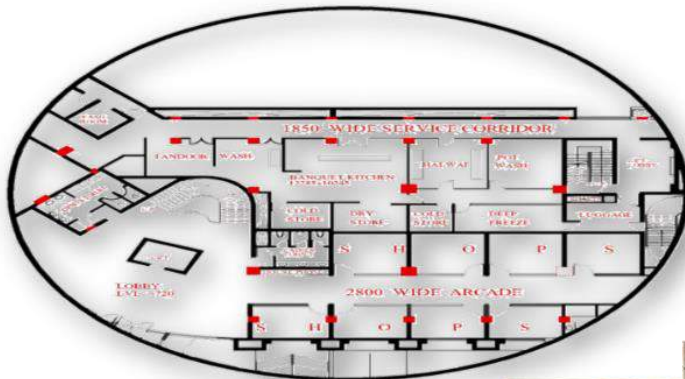






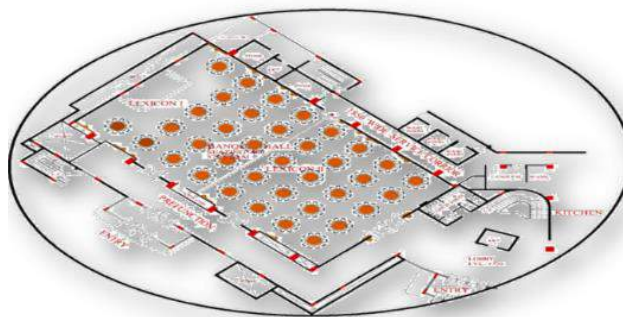
## ELEVATORS

- 2 guest elevator adjacent to the reception desk.
- 1 elevator for the banquet and conference area.



- Coffee shop in the lobby area makes the lobby more spacious and grand.
  - Interior huge glass with falling water view.
- The porch opens into a reception lobby.
- Comprises of a lobby lounge, a coffee shop,

a restaurant, a bar, a rest room and a shopping arcade



TOTAL COVERED AREA: 2500 sqm

BANQUET HALL: 590 sqm

CIRCULATION: 602 sqm

BANQUET KITCHEN: 141 sqm

FRONT OFFICE & RECEPTION:

46 sqm

COFFEE SHOP:

207 sqm(76 CAP)

LOUNGE: 105.7 sqm

COFFEE SHOP KITCHEN: 78 sqm

BANQUET LOBBY: 76.3 sqm

TOILETS: 70 sqm

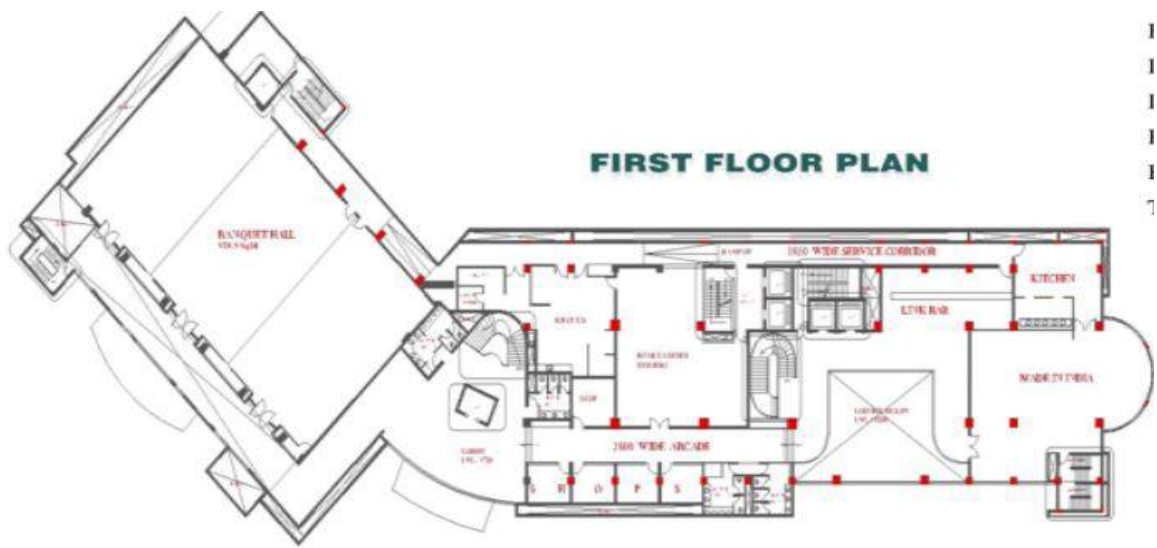
SHOPPING: 131 sqm

SHAFT AREA: 198 sqm



## BANQUET AREA

- \* Banquet halls are spread over two floors and cover about 1200 sqm.
- \* These halls can be further divided into two or three halls.
  - As lexicon- i & ii,(ground floor)
  - Concord- i, ii & iii (first floor).
- \* Capacity for 2000 people
- Columnless hall with heavy 4' coffered slab
- \* The floor is dedicated to the guest facilities and also caters the people only using the shopping facility etc.



Total covered area :

2170sqm

Circulation : 617 sqm

Banquet lobby: 736 sqm

Shopping: 75.68 sqm

Banquet hall: 590 sqm

Indian restaurant: 187 sqm

Indian kitchen: 60.23 sqm

Rear & eastern restaurant:  
142 sqm

Bar: 65 sqm (32 capacity)

Toilets: 70 sqm



## RESTAURANT S & BARS :

There are total 3 restaurant, 1 bar,  
1 pastry shop & a coffee shop.

- One of the restaurant is located on  
the mezzanine floor of the grand  
atrium. Can be seen from the lobby  
area.

- There is one main kitchen which  
cater all the restaurants, banquet  
area and bar.

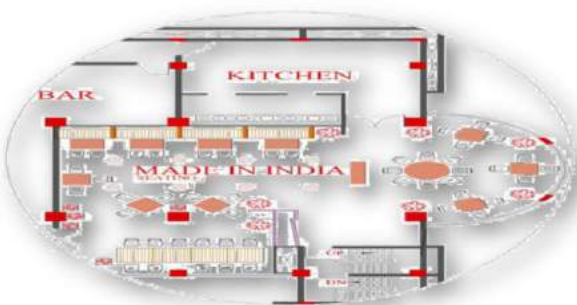
R.E.D (Rare Eastern Dining) is the  
prime call for Pan-Asian dishes, with  
a walk-show kitchen and an  
induction table for guests to be a  
part of food preparation.

Made in India is the trendy venue for  
business lunches and dinners led by  
Masterchef Mohd. Khursheed.

SXVIII, with its neoclassical setting,  
allows you to experience an open  
kitchen with live cooking stations.

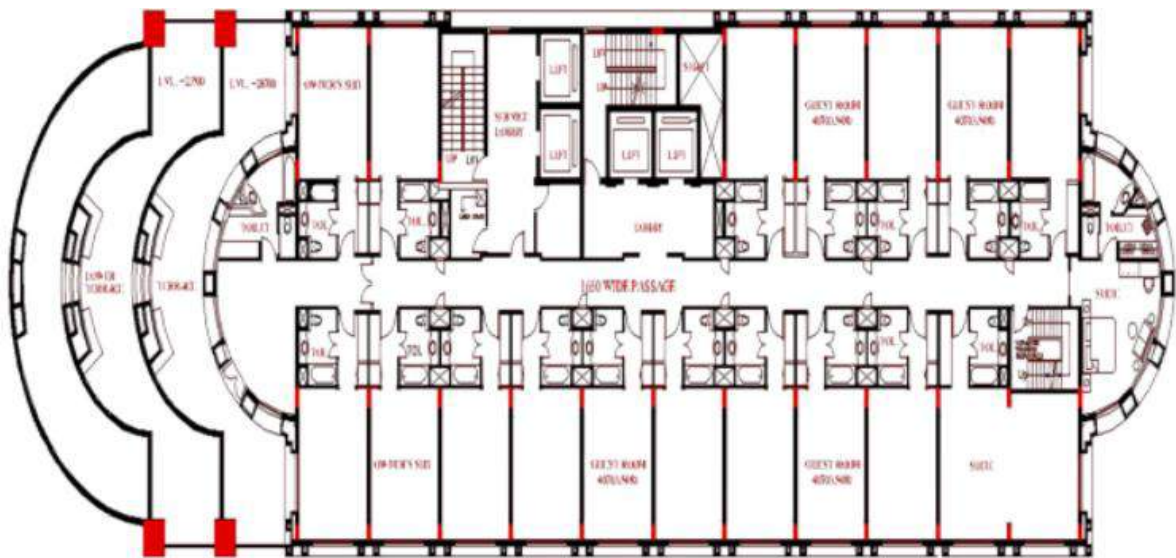
The Chocolate Box is famous for its  
Anglo-Indian afternoon tea, desserts,  
sweets and delicious quick bites.

@Links is the typical fine wine den  
offering enticing cocktails to spur  
your taste buds.





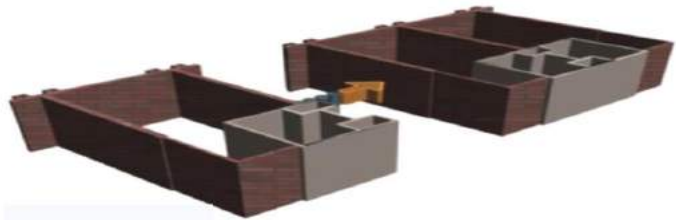
# FLOOR PLANS



**GUEST FLOOR PLAN**

## GUEST ROOM FLOOR :

- A total of 120 rooms.
- There are 17 rooms and 1 suits on each floor.
- The corridor is fairly wide with 1.6m.
- Corridor is 30m. In length.
- Corridor width less as per standards with no natural lighting and false ceiling at 2100.
- The floor is accessible from the main lifts as well as the lift in banquet lobby.
- Fire escape located at one end of closed corridor is drawback for safety norms.



## GUEST ROOM FLOOR :

The hotel offers 120 elaborately decorated rooms with plush facilities in all the accommodation units classified as Deluxe (34 sqm), Business Class (34 sqm), Private Premium (34 sqm), Privé Classic (54 sqm), Crescent Suite (50 sqm), Executive Suite (65 sqm) and Privé Suite (65 sqm).

All the quarters are supplied with modern amenities, including a tea and coffee maker, flat-screen television, iron and ironing board, minibar, individual room climate control, a work desk and chair, collection of the daily newspaper and a magnifying mirror.

There is a luxurious en-suite bathroom with a rain shower, complimentary toiletries and a hairdryer.

The property rooms were given thumbs up by more than 100 travellers



**DELUXE ROOM**



**BUSINESS CLASS ROOM**



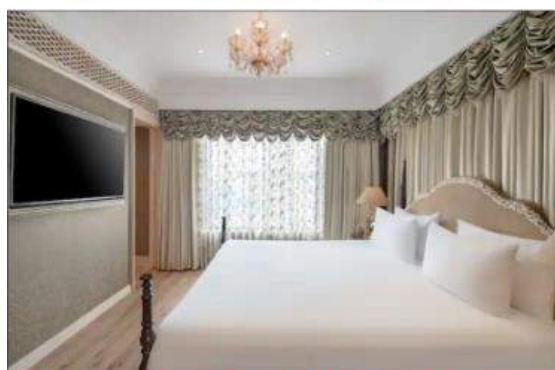
**PRIVATE PREMIUM ROOM**



**PRIVATE CLASSIC ROOM**



**CORRIDOR**



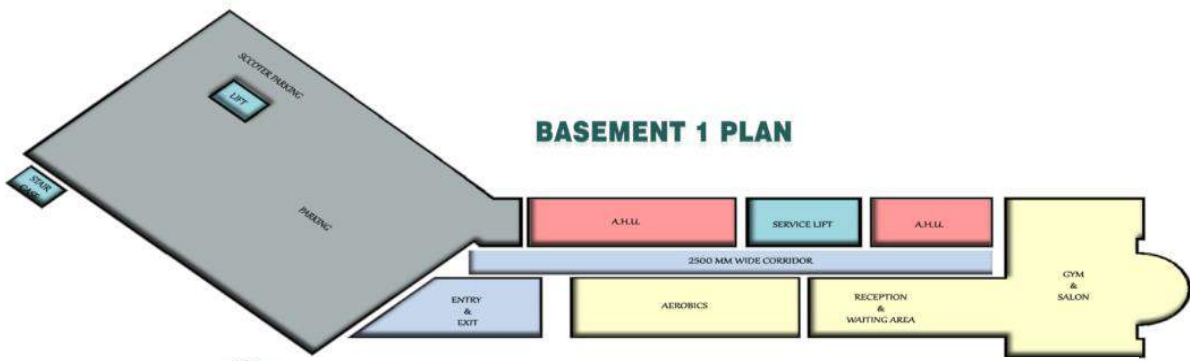
**EXECUTIVE SUITE ROOM**



**PRIVATE SUITE ROOM**



### BASEMENT 1 PLAN



### BASEMENT 2 PLAN



TOTAL COVERED AREA: 2522  
CIRCULATION: 378 SQM  
MECHANICAL SERVICES: 705  
ADMINISTRATION: 132 SQM  
KITCHEN AND STORES: 294 SQM  
STAFF CANTEN : 100 SQM  
LOCKERs: 177 SQM  
LAUNDRY: 190 SQM  
HOUSEKEEPING: 54 SQM  
AHU's : 93 SQM (5 Nos)

Other services are provided in the basement. Separate service entry is provided

### CHILLERS IN BASEMENT 1

In all there are three chillers by carrier all of 285 tons each. Fcu are used in rooms & smaller spaces & ahu are used lobby area, restaurants, banquets and larger spaces.

### MACHENICAL AREAS

All the mechanical areas like a.C. Plant, d.G. Room, pump room, boiler room, l.T. Room are provided in the same basement with ventilation room & duct pipegallery. Separate water tanks for fire fighting , raw water and treated water are also provided at one corner of the basement. The area of the mechanical services is little sunken as compare to the other areas of the basement to achieve the desirable height



GYM AND SALON AREA

### WATER TANKS BENEATH THE SERVICE AREA

There are 2 underground tanks for usage in corridor kitchen & rooms of 9,00,000 liters each, the water is taken up its own bore well, there's a raw system to purify the water which has a capacity of 6,000 kl./Hour, room there are 2 overhead tanks for emergency use only of 2,00,000 liters each which are always full hydrostatic system is used to maintain the water pressure on the floors,

# CASE STUDY-

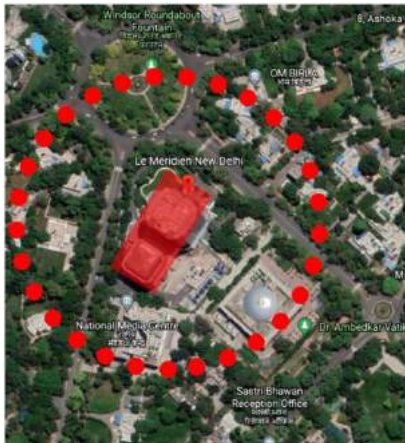
## Le Meridian, New Delhi

The Internationally Renowned Le Meridien Brand Was Established In 1972 By Air France "To Provide A Home Away From Home For Its Customers.The Five Star Hotel Le-meridian Is Built On Two Hectares Of Land At The Confluence Of Two Major Roads – Jan Path And Raisana Road In – New Delhi.



## CONCEPT

. According To Its Architect " There Must Be Sense Of Theatre. The Form And Shape Must Arouse Psycho-emotional Stirrings. It Is Like A Stage For Public And Intimate Interlude; For Relaxation, Business And Conventions."It consists of two square tower with rounded comers, one taller than other. Theme used in this hotel is light and dark. The largest tower consists the hotel block and the smaller one incorporates the commercial tower.



## APPROACH TO THE SITE



Patel Chowk metro station  
New Delhi, is at 1 km



Indira Gandhi  
International Airport is  
at 13.1 km



New Delhi Railway  
Station, New Delhi,  
Delhi 1 is at 3.8 km



## LOCATION

A super deluxe luxury hotel, located at Windsor circle, Janpath within a 2km radius of the Central Govt. Office Parliament House, Rashtrapati Bhawan and the highly active commercial area and shopping district of Connaught Place



India Gate



National Museum



Parliament House



Jantar Mantar

## LANDMARKS



## ABOUT THE SITE

Site Area=4.29 Acre  
Total Built Area =18700 Sq.Mt.  
No Of Rooms=355  
F.A.R = 1.17  
Total Floor =20  
Surface Parking Of  
Approx. 90 Cars



Service area are provided at the back of the plot covering about 500 sqm area



The service entry is kept away from the banquet entry and is separated by buffer zone of 6m

Banquet entry is from the Janpath Road(15 m wide entrance)It is on the ground floor and surrounded by Landscape garden



Turning radius of 3m is provided and slope 1:10

Main entrance on the rasina road ramp of 6m

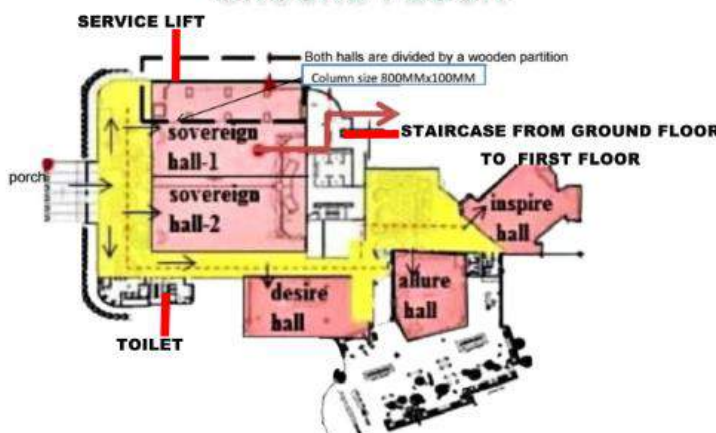
8 m wide road is provided for the cars to go the surface parking or basement parking

Main entrance and exit is from the same side

## ENTRANCE AND EXITS

- \* A main entrance space for the banquet hall is on the Jan path road.
- \* Service entrance is also from the Jan path road, on the ground floor provides entrance to the staff, material, trash removal and access to other mechanical areas.
- \* A steep sloping ramp from service entrance leads to the various service areas where thermall parking area is provided for service vehicles.
- \* A entrance space for disco is on the Raisina road

## GROUND FLOOR



Sovereign Hall-1 :  
1080sq.m for 550 person sitting  
Sovereign Hall- 750sq.m  
Desire Hall - 675sq.m  
Inspire Hall- 236sq.m for 100 person  
Allure Hall - 230sq.m for 100 peson

# LOBBY

Lobby space has been landscaped and it has a coffee shop,two restaurants and a bar in it.

Extensive use of reflective curtain glazing on the façade. A series of steps from the reception lobby leads to the elevator lobby.

Atrium is on the left side from the entrance and easily approachable from the reception lobby

## Sovereign hall



Total 5 Banquet Hall at ground floor with different sitting capacity having one common main kitchen  
\*No lift is provided to move from G.F to F.F.

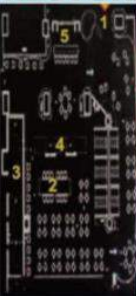


Inspire hall



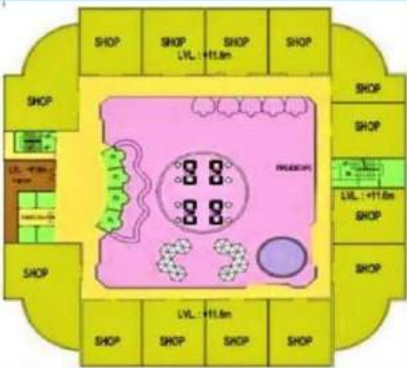
Reception Lobby

## THE COFFEE SHOP RESTURANT



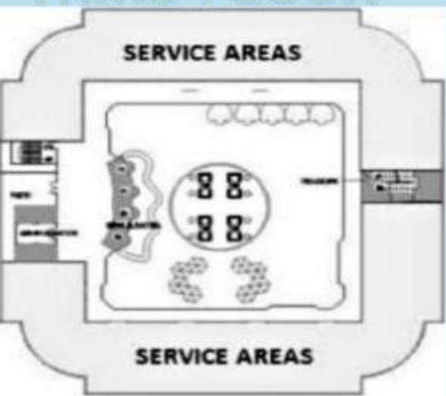
Cpacity 100 people  
Area - 120 sqm. aprox.

## SECOND FLOOR



- There are total 14 shops on the second floor.
- Centre Shops are the premium shops having an area of 175 sq.m.
- Large display windows give a unique effect to floor and also break corridor monotony.
- Shopping Arcade is just below the service floor act as segregation between private zone with Public Zone

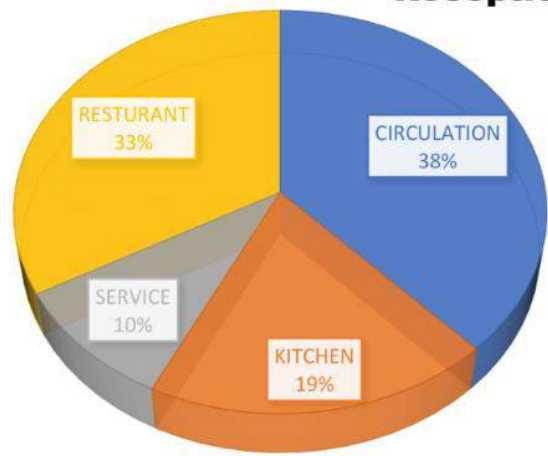
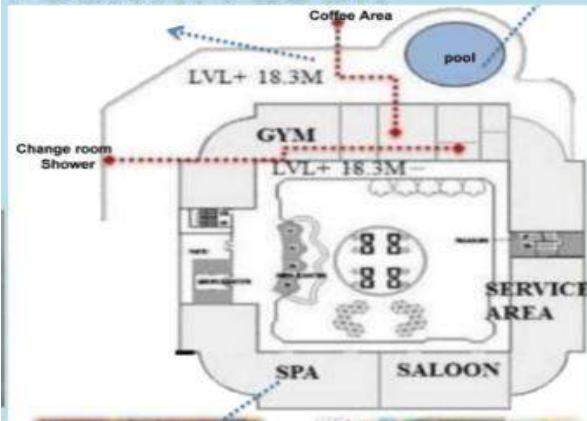
## THIRD FLOOR



The Service Floor is above the second Floor of the Hotel  
"This Floor has air hating units which units which serves the restaurant and dining, also the pipes coming from the internal ducts of the rooms above become horizontal on this floor and get transferred to the external ducts.  
Hight Approx- 2.1m



## FOURTH FLOOR



\*Swimming pool is above service floor

•Filtration Plant of pool is just in service floor.

\*Entry to pool is from gym area & change room.



**Nero Bar and Lounge-** Cpacity  
40 people  
Area- 100 sqm  
aprox.

\*Atrium Lobby has sitting area with small

café provided.

•4 Capsule lifts & 4 Service Lifts are provided

•Jewellery shops & Nero Bar is accessible from the atrium

Ramp was provided access the toilets for the physically handicapped.

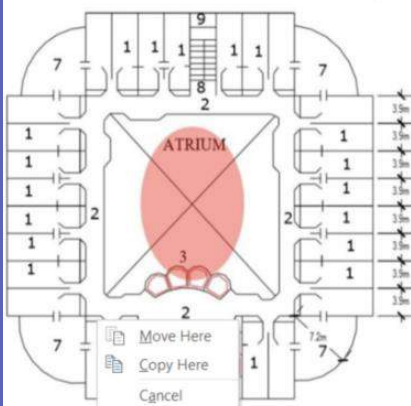
Cater the Reception Lobby and the atrium area.

4 General Toilets

1 Handicapped Toilet

Toilet size 1m x 1.3m

## TYPICAL FLOOR PLAN(FROM 5TH FLOOR TO 19TH FLOOR)



**GUEST ROOMS:**

GUEST ROOMS:

DELUXE ROOMS

107-35 sqm

PREMIUM ROOMS

80-70 sqm

LE ROYAL CLUB

ROOMS 115-50

sqm

DELUXE SUITES

23

PREMIUM SUITES

20

LE ROYAL

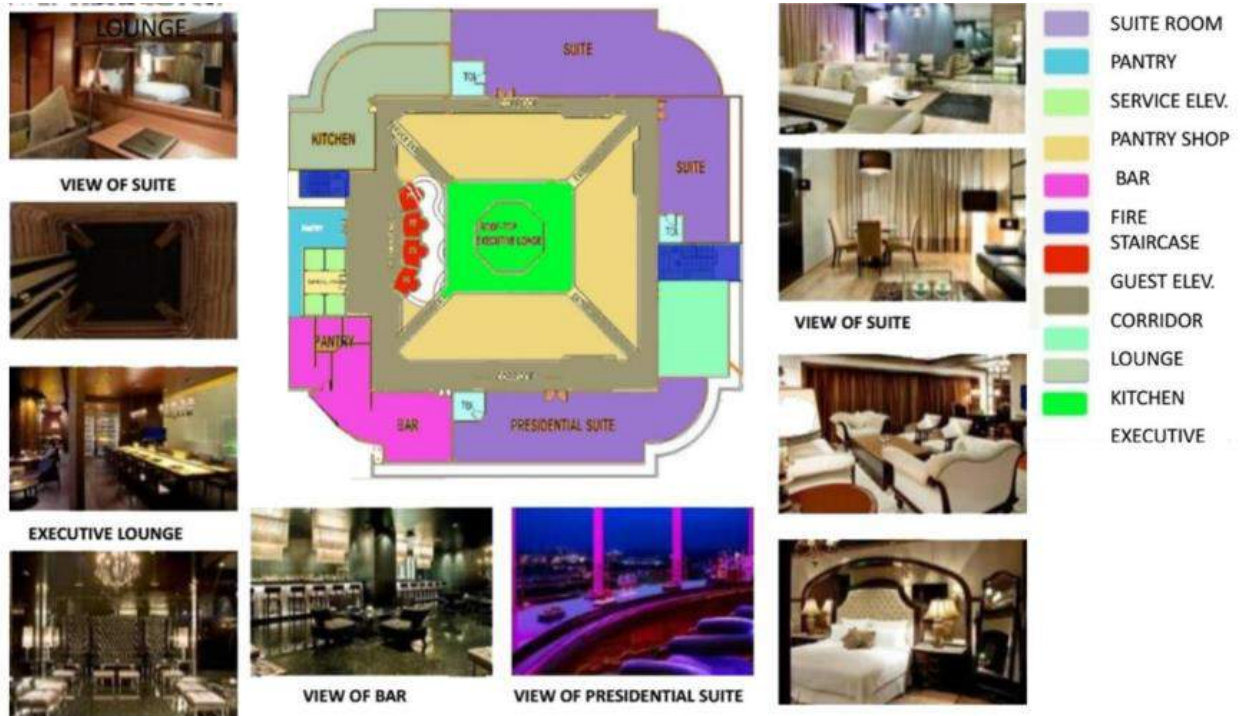
CLUBSUITES

6

LUXURY SUITES

6-79 sqm

## TWENTIETH FLOOR



There are 2 Basement Basement under Commercial Tower is used for Parking.

- Banquet hall and Open sitting and Lounge is present on ground floor.
- First Floor Area has the Reception area, meeting rooms, Shops, Restaurant, Waiting Area
- Second floor is all Shop area which is approached only by Staircase from First Floor
- Third Floor is Service Floor.
- Fourth Floor has swimming pool, Spa, Gym and an open area for pool party.
- Fifth Floor Guest Rooms Starts to 20th Floor Comprising of 355 Rooms.

## SERVICES

### WATER SUPPLY TREATMENT

Source: Bore Well

The Hotel has its own system of filtration, Chlorination and changing of water.

Boiler: 3 in number converts 600kl/hr. water into steam which is supplied to laundry and kitchen. Calorifier: Vessel full of cold water of swimming pool after every 6 hrs.



## SEWAGE

Includes both liquid and solid waste

Vertical shafts are provided for sewage.

Sewage entrance for garbage carrying vehicle is provided. To have working space and for easy access vertical shafts are provided at each floor. Wet wells and sumps are provided where the sewage is allowed to settle before it is pumped to the next pipe for final disposal. For maintenance of the sewage disposal system and ejector are used.

## GARBAGE DISPOSAL

Separate entrance for garbage carrying vehicle is provided.

There are two types of garbage storage:

**DRY GARBAGE AREA:** - separate stores for crushed bottles, cranes and dust bin disposal.

## BOILER

The boiler room is provided next to the parking on the first basement having

an area of 170 Sq.M.

At Le Meriden, steam boilers are used to produce steam for heating water.

There are 3 steam boilers each with a capacity of 3.5 ton/ hour.

The hot water supply to the hotels is divided in 2 parts:

## AIR CONDITIONING

The whole structure is centrally air conditioned. Fan coil units are provided in each room to control the quantity and quality of air. Chilled water used as refrigerant. Plant room is centrally placed

- No. of A.H.U.s- 5

- Total load- 1500 tone Chiller plant - 3 Nos. of 300 Ton each

- All 3 are used in peak hours

13 degrees input and 8 degrees output Average temperature - 8 °C Colour code

- Chilled water line - blue

- \*Condenser line - green  $\frac{3}{4}$  inch the pipes provided in all rooms.

In winters, steam from the boiler is used to heat water for air-conditioning. Total area covered by the AC- 37790 sq. m

- Total capacity when fully used - 1100 tons

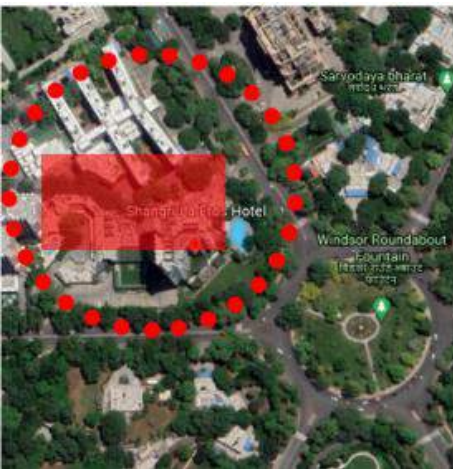


# LITERATURE STUDY- HOTEL SHANGRILA, NEW DELHI (1999-2001)

Nestled in the heart of the capital, Shangri-La Eros New Delhi, is a fine and eminent five-star hotel in the city. Enjoy the hotel's sprawling lawns and timeless architecture, inspired by the work of Edwin Lutyen, one of the greatest British architects of the twentieth century. The hotel's new rooms provide fresh and contemporary stay experience with unique design offerings New Delhi's sole split level Horizon Club Lounge offers panoramic views of the city's historic district with exceptional service to discerning guests.



## LOCATION AND CONTEXT




- Shangri-la hotel is located amid landscaped gardens in the historic govt. District, Janpath New Delhi in the heart of the city.
- Within a 2km radius of the central govt. Offices, parliament house, Rashtrapati Bhawan and the highly active commercial area and shopping district of Connaught Place.
- These places increase the validity of the hotel and provide a fascinating view from the hotel rooms.
- This hotel was constructed at a cost of 120 crore rupees.
- The hotel was made during the Asian Games in 1982 and was in a dilapidated situation.
- During the period 1999-2001, the hotel is designed by the Eros Group.
- The total plot area is 3.2 acres.

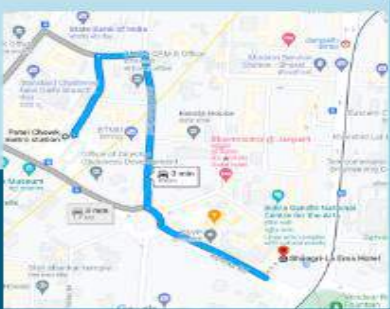
## SITE IS DIVIDED INTO FOUR PARTS


- Shopping plaza
- Hotel block,
- Services and
- Recreational areas

# APPROACH TO THE SITE

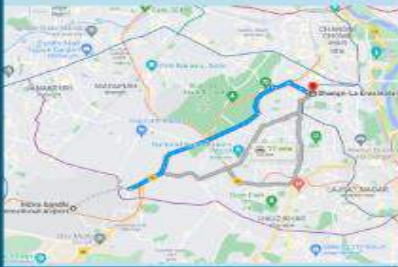



**Patel Chowk  
metro station,  
New Delhi, is at  
850 m**



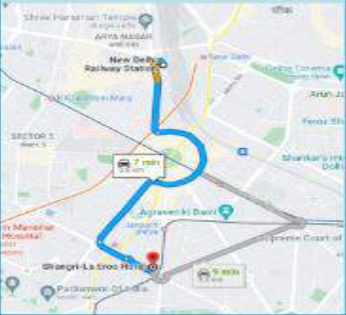


**Indira Gandhi  
International  
Airport is at 13 km**





**New Delhi Railway  
Station, Ajmeri  
Gate, New Delhi,  
Delhi 1 is at 3.8 km**



## LANDMARKS



Indira Gandhi National Center for Arts  
at 0.7 km



Jantar Mantar at 0.7 km



Gurudwara Bangla Sahib at 1.1 km



National Museum, Delhi at 1 km

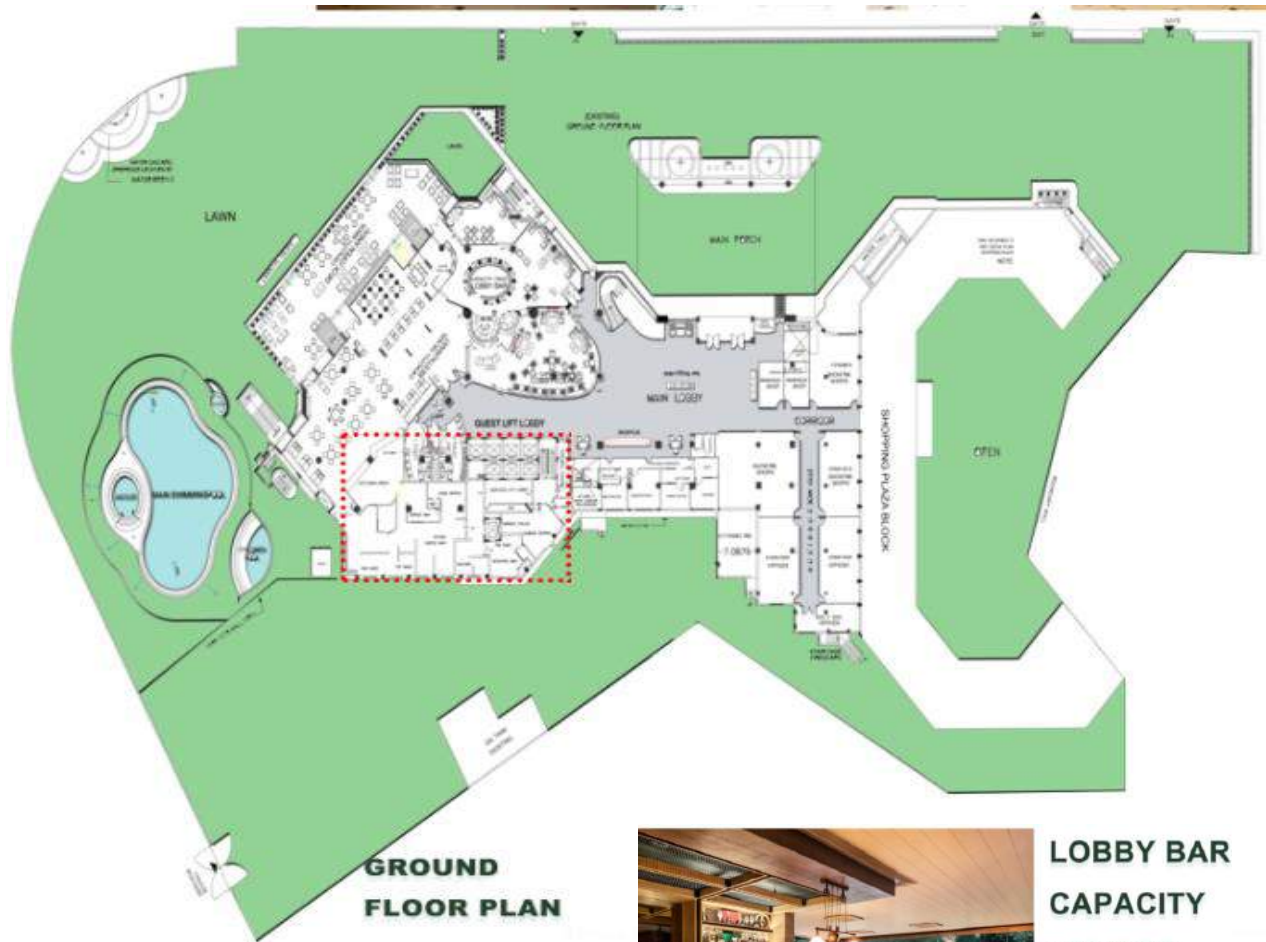


Parliament House  
at 1 km



India Gate  
at 1.4 km

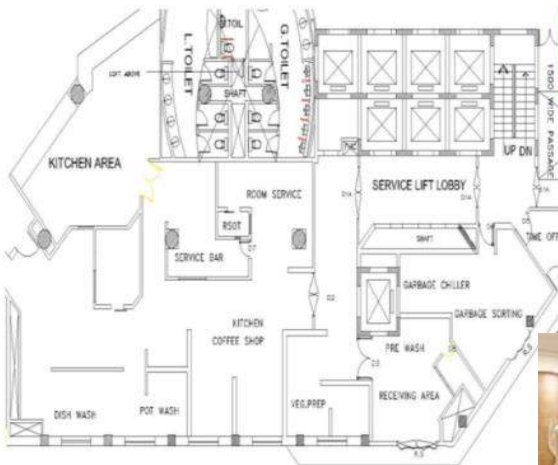




## GROUND FLOOR PLAN



**LOBBY BAR  
CAPACITY  
=72 NOS**



The basement-1 accessible from the staircase moving down from the swimming pool area and also accessible from the lifts in the lobby level



## SHOPPING ARCADE



DECK OPEN AREA  
RESTURANT

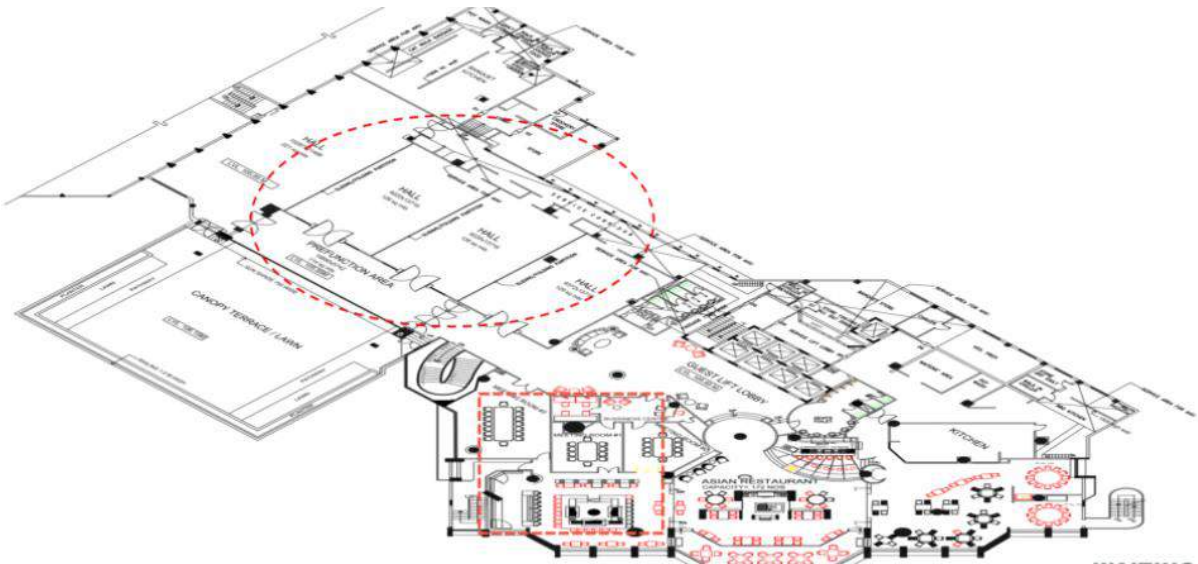


RESTAURANT  
CAPACITY=106



## COFFEE SHOP

# FIRST FLOOR PLAN



**BUSSINESS  
CENTRE  
(MEETING  
ROOM)**

**MISTER CHAI**



**ASIAN  
RESTAURENT  
(CAPACITY=1  
72 NOS)**



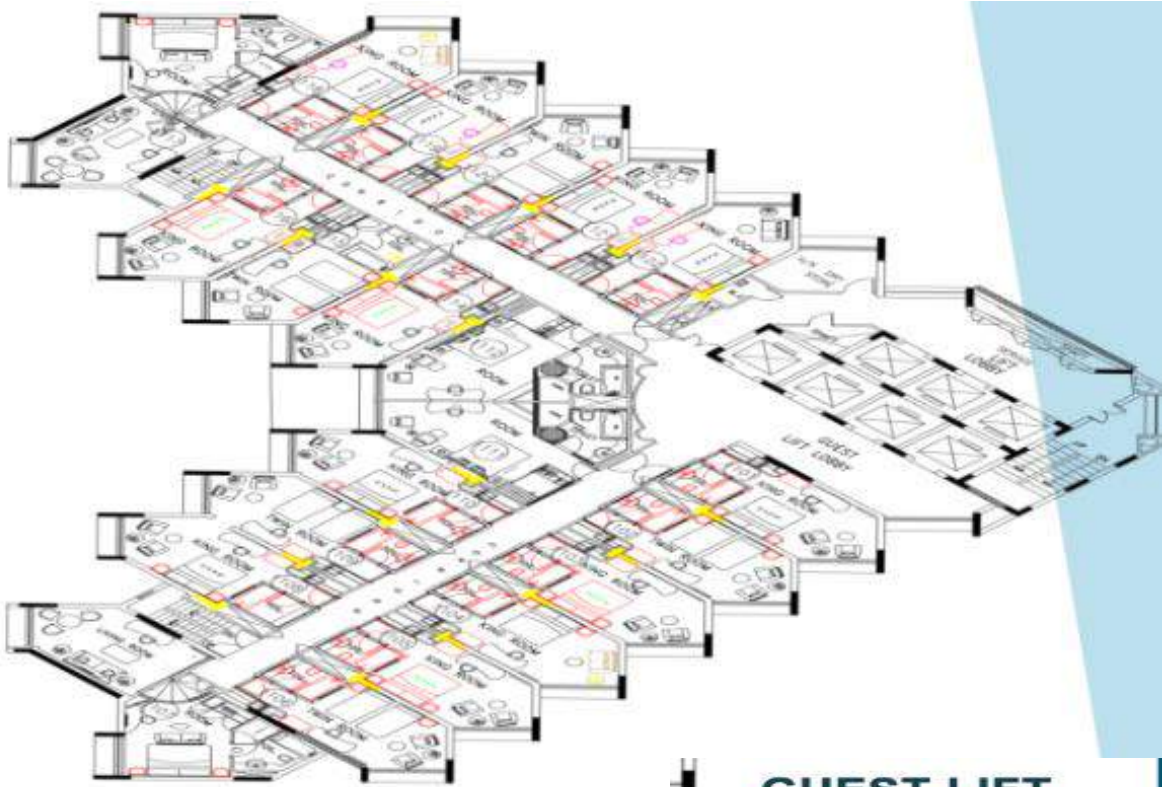
- The banquet hall, meeting rooms, business centre and a chinese restaurant with a bar are located on the first floor.
- Banquet area has its own kitchen. Connected through service corridor.
- Banquet is divided into four parts on the name of rivers Ganga, Yamuna, Vyas and Tapti
- Capacity varies with the type of arrangements like reception, theatre, banquet, classroom and boardroom. Seperated by wooden partition.





## GUEST ROOM FLOOR

- A total of 320 rooms from 3-15 floor.
- There are 21 rooms on each floor.
- Floor divided in wing "a and b"



### GUEST LIFT LOBBY



#### Executive Suite

- 44 sqm of transcendent luxury.
- Panoramic views of Lutyens' Delhi.
- Luxurious en-suite bedroom with separate living room and dining area.
- Spacious marble-clad bathroom with walk-in rainfall shower and separate deep-soaking bathtub.
- Exclusive access to the Horizon Club Lounge and its full range of privileges.

## AC PLANT ROOM

- A/c plant are of 1200 tonn.
- The cooling is done by central air conditioning plant which is all water system.
- There are four chillers of 300 tonn each. Only three are use and one is for stand-by cases.
- 7 cooling towers are installed on the roof out of which 5 are used rest 2 in case of repair.
- There are total of 12 a.H.U.'S provide to circulate the cool air inside the hotel.



## GUEST ROOM



### Deluxe Room

- 27 sqm of classic luxury.
- Marble-clad bathroom with walk-in rainfall shower and separate deep-soaking bathtub.
- Unique art prints that pay homage to the country's heritage.



### Premier Room

- 36 sqm of refined luxury.
- Marble-clad bathroom with walk-in rainfall shower and separate deep-soaking bathtub.
- Unique art prints that pay homage to the country's heritage.



### Horizon Deluxe Room

- 27 sqm of scenic luxury.
- Marble-clad bathroom with walk-in rainfall shower and separate deep-soaking bathtub.
- Unique art prints that pay homage to the country's heritage.
- Exclusive access to the Horizon Club Lounge and its full range of privileges.



### Speciality Suite

- 97 sqm of resplendent luxury.
- Spectacular city views from a private, furnished balcony.
- Luxurious en-suite bedroom with a separate living room, dining area that can seat eight guests with fully-equipped pantry and powder room.
- Spacious marble-clad bathroom with walk-in rainfall shower and separate deep-soaking bathtub.
- Exclusive access to the Horizon Club Lounge and its full range of privileges, along with special welcome amenities, round-trip airport transfers and 4 pieces of laundry / dry cleaning of garments per day (non-cumulative).



### Presidential Suite

- 217 sqm of unparalleled luxury.
- Spacious living room with custom-made furniture, bespoke artwork, private study and guest washroom.
- Separate dining area with crystal glassware that can accommodate up to eight guests and a fully equipped kitchenette.
- Luxurious en-suite master bedroom with a custom king-size Shangri-La bed, walk-in closet and dressing area plus another en-suite twin bedroom.
- Two spacious marble-clad bathrooms with dual washbasins, walk-in rainfall shower and separate deep-soaking whirlpool tub in the master bath. Exclusive access to the Horizon Club Lounge and its full range of privileges along with special welcome amenities, round-trip airport transfers and 4 pieces of laundry / dry cleaning of garments per day (non-cumulative).



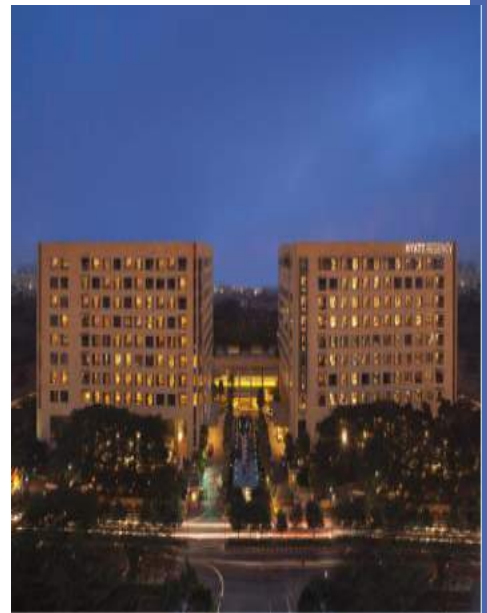
### Horizon Premier Room

- 34 sqm of exquisite luxury.
- Marble-clad bathroom with walk-in rainfall shower and separate deep-soaking bathtub.
- Unique art prints that pay homage to the country's heritage.
- Exclusive access to the Horizon Club Lounge and its full range of privileges.



# LITERATURE STUDY- HYATT REGENCY, PUNE

The 5-star Hyatt Regency Hotel & Serviced Apartments Pune offers a luxurious experience with spacious rooms featuring flat-screen TVs and free Wi-Fi. the Arogya Spa & Fitness Centre and an indoor heated pool. A unique combination of 222 spacious rooms and 81 fully equipped service apartments, 40,000 sq. ft. of modern and contemporary event spaces, including the contemporary , wedding and conference facilities, the hotel also offers a variety of innovative dining options. A state-of-the-art fitness center, temperature controlled indoor pool.



## LOCATION AND CONTEXT

Hyatt Regency Pune Hotel & Residences is conveniently located within Weikfield IT Park and is a few minutes away from Pune International Airport (PNQ). The hotel is also close to the city's entertainment areas of Koregaon Park and Kalyani Nagar and other IT Parks such as EON IT Park and World Trade Centre in Kharadi. We provide transfers to and from the airport as well as other attractions in Pune.



## LANDMARKS



**Aga Khan Palace: 1.3 km**



**Pune Golf Course: 3.4 km**



**Inorbit : 1.7 km**



**Magarpatta IT City: 8.5 km**

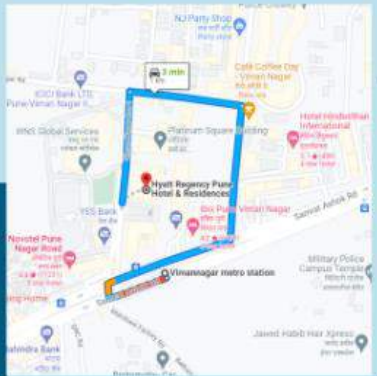


**Phoenix Marketcity : 1 km**

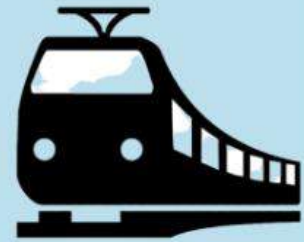
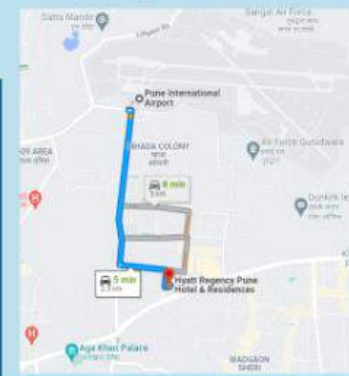
## APPROACH TO THE SITE



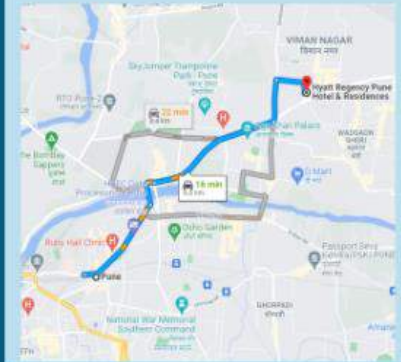
**Vimannagar  
metro station is  
at 1 km**



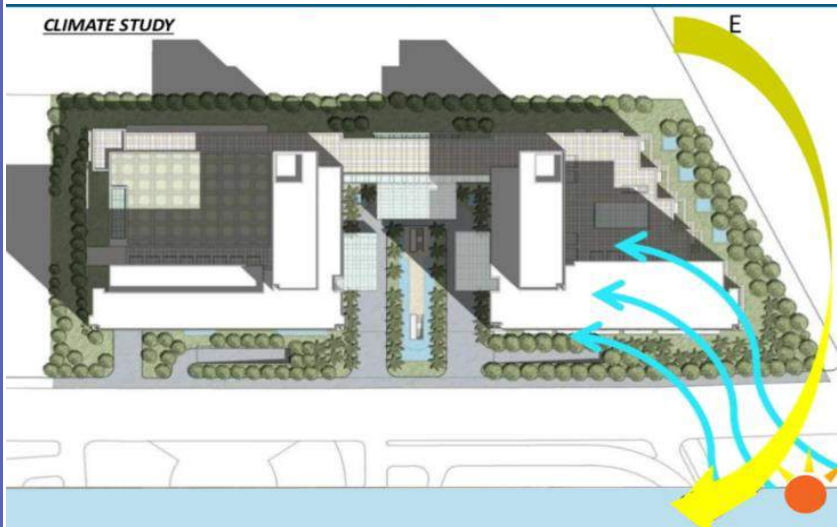
**Pune International  
Airport (PNQ) is at  
2.5 km**



**Pune Railway  
Station is at 6.6 km**



### CLIMATE STUDY



- \* Total plot area- 15,224.11 sqm
- \* FAR- 2
- \* Total built up area- 55574.6 sqm
- \* Ground coverage- 46% -7126.73 sqm
- \* Open space- 10%- 1522.4 sqm



**GROUND FLOOR PLAN**





**FIRST FLOOR PLAN**

Total no. of Keys-	222 Rooms/Suites and 84 Service Apartment
No. of floors-	G+9 (40 meters)
No. of basement-	2
Area of basement-	18,533.2 sqm
Area per room-	181.6 sqm
No. Of keys per floor plate-	31 keys (hotel block) and 13 keys (service apartment block)
No. Of parking:	353 cars
Parking area:	11,929.0 sq.m
•amenity space: 15% -	2283.6 sqm
Guest room grid size-	8.8 m x 7.5 m
Total no. of Bays-	245 Bays (Hotel Block), 227 Bays (Appartment Block)



The 6889 sq. ft. pillar less ballroom, with a 19.5 ft. ceiling height, is divisible into three sound-proof sections. The ballroom opens onto a terrace and is designed to host elegant sit-down dinners for up to 250 guests as well as corporate conferences and seminars for up to 900 guests in theatre style seating.



With a combined area of 2153 sq. ft., Oak and Wenge can be combined into one large event space or used individually as two sound-proof sections. They are perfect for small meetings, social gatherings, dinners and training programs for up to 60 guests each in theatre style seating.

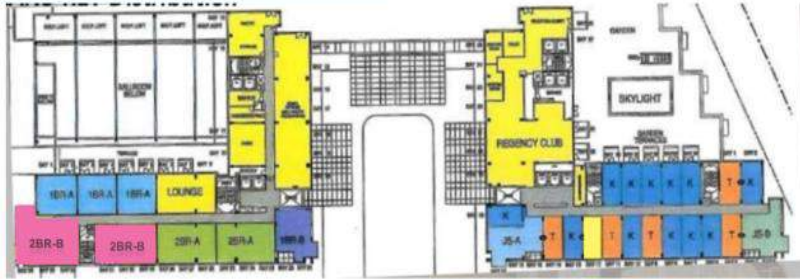


Between 377 sq. ft. and 700 sq. ft. these board rooms with fixed seating can accommodate 6 to 12 people.

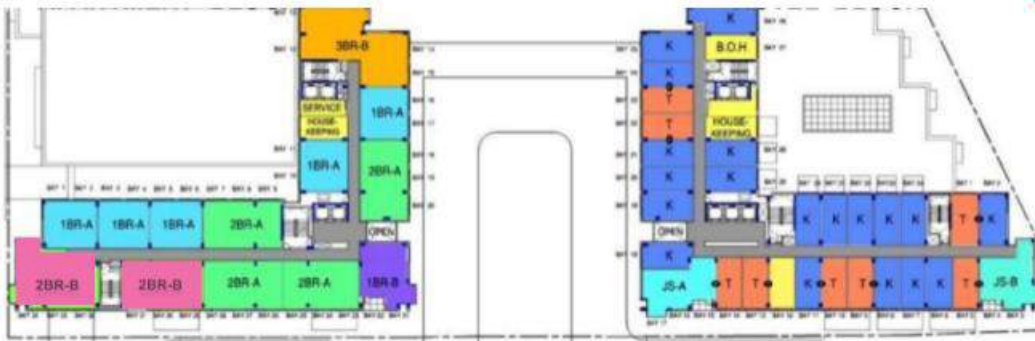


**MEETING ROOM**  
Area ranging between 538 sq. ft. and 53 sq. ft. Ideal for small meetings for 20 to 40 people in theatre style seating

## FLOOR PLANS



- PUBLIC SPACE
- 1 King Bed
- 2 Twin Bed
- 2 Club King
- 2 Bedroom Apartment A
- 2 Bedroom Apartment B
- 1 Bedroom Apartment B
- 1 Bedroom Apartment A



**TYPICAL FLOOR PLAN**



**FRONT ELEVATION (G+9 FLOORS)**

Hardscape, water features and artworks • entrance driveway – cobbled in black granite and yellow jaisalmer handcut cobbles in 200x100x100mm.

\* Hardscape, water features and artworks • a raised reflective water body clad with tropical granite which is grooved and chipped.

\* Hardscape, water features and artworks • floating lanterns on reflective water body having solid stone spherical base and brass tops.

## VISUAL, STRUCTURAL AND MATERIAL STUDIES

Facade • 5000 sqm of jaisalmer flower limestone in an antique finish has been dry clad on the twin towers.

- The glass was double coated to provide sound insulation and prevent glare.

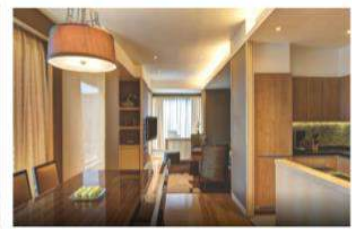




**2 TWIN BED**  
40-square-metre



**2 CLUB KING**  
40-square-metre



**2 BEDROOM APARTMENT**  
B -125-square-metre



**1 BEDROOM APARTMENT A**  
66-square-metre



**1 BEDROOM APARTMENT B**  
87-square-metre



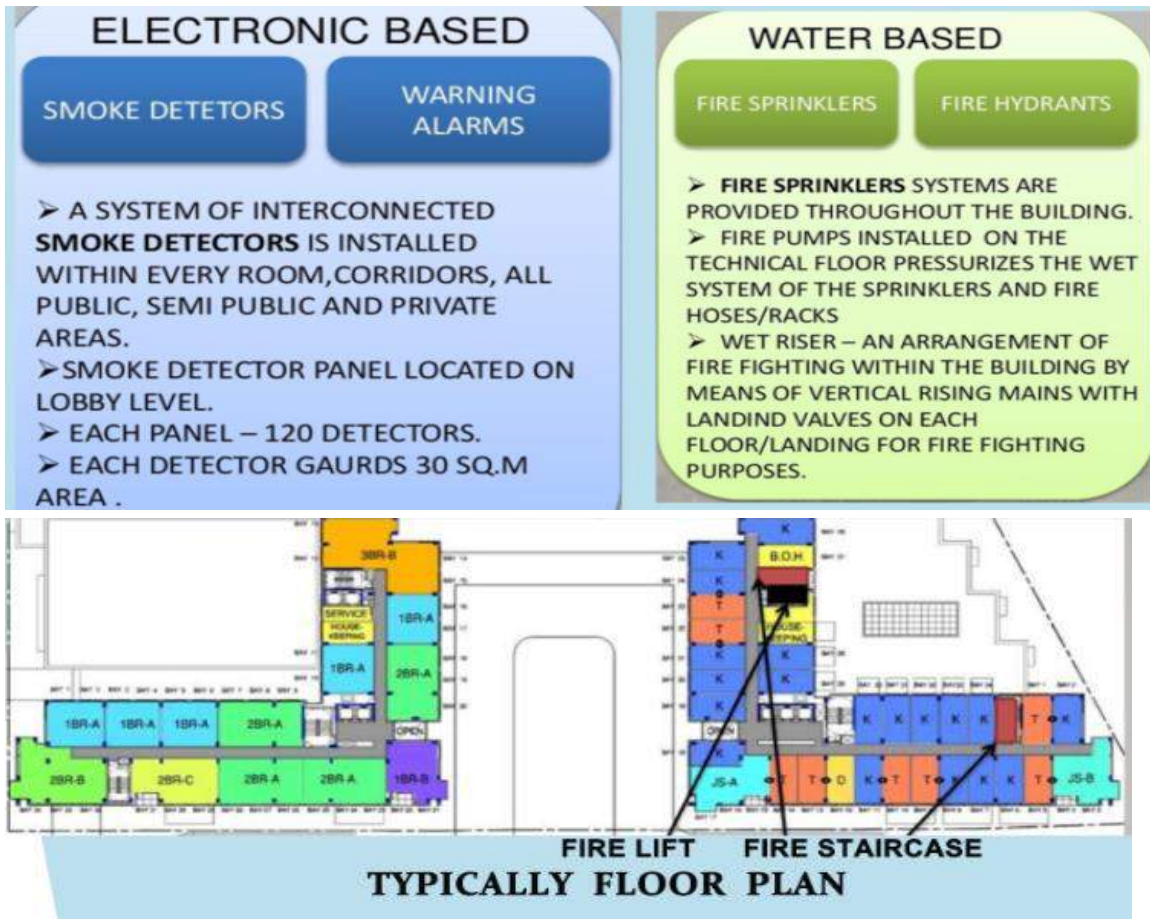
**2 BEDROOM APARTMENT A**  
100-square-metre

## INTERIORS

- The columns were covered with mirrors and ceiling made of mild steel providing indirect lighting.
- Square was used as a basic module to create patterns in the interiors with varying light effects.
- The modern interiors include hardwood flooring or carpet.
- Master bedrooms with king size beds having a luxurious bath and rain shower.
- Modern kitchens in apartments equipped with high end appliances.

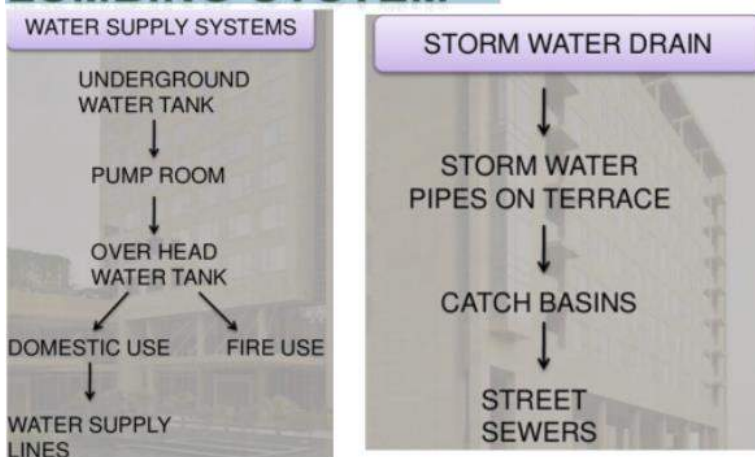


# FIRE PROTECTION SYSTEM



## PLUMBING SYSTEM

### SERVICES



Parking on upper basement (to save commercially valuable space of ground floor).

\* Area of basement: 18533.2 sq.M

\* parking area: 11,929.0 sq.M

\* no. Of parking: 353 cars

\* no. Of cars per key: 1.2 per key. Parking area out of total basement area parking area remaining area

\* grid for car parking

Acmv (air conditioning and mechanical ventilation)

\* Central air conditioning system is generally preferred. Ac plant room (4.0m\*9.0m) ahu (air handling unit) (4.0m\*5.0m) it is located at the basement, preferably at the centre of the building to reduce length of supply and return ducts.

\* thumb rule for the capacity of the plant is one ton for each 150 sq.ft of the floor area. It is located on each floor .

# STANDARDS AND COMPARATIVE ANALYSIS

## STANDARDS

### STANDARDS ACCORDING TO HRACC 2014:

<b>BACK OF THE HOUSE:</b> <b>SERVICE LOBBY:</b> 26SQM <b>WEIGHING ROOM(STORE):</b> 38SQM <b>RECEIVING OFFICER:</b> 12SQM <b>SECURITY OFFICE:</b> 12SQM <b>TIME KEEPERS OFFICE:</b> 14SQM  <b>KITCHEN:</b> <b>COLD STORE:</b> 12SQM <b>DRY STORE:</b> 12SQM <b>PREP.AREA:</b> 16.5 SQM <b>COLD MEALS:</b> 31SQM <b>BAKERY:</b> 26SQM <b>MEAT PREP:</b> 11SQM <b>COOKING AREA:</b> 73SQM <b>BANQUET KITCHEN:</b> 92SQM <b>WASHING AREA:</b> 16SQM <b>BANQUET SERVERY(2):</b> 14.5 SQM EACH <b>ROOM SERVICE SERVERY:</b> 22SQM <b>CROCKERY STORAGE:</b> 86SQM <b>CHEF'S OFFICE:</b> 13SQM <b>SERVICE LOBBY:</b> 27SQM  <b>HOTEL LOBBY:</b> <b>HOTEL ENTRANCE:</b> 26SQM <b>RECEPTION DESK:</b> 22SQM <b>FRONT OFFICE:</b> 15SQM <b>HOTEL LOBBY:</b> 200SQM <b>LUGGAGE ROOM:</b> 11SQM <b>SAFETY VAULT:</b> 11SQM <b>SECURITY PERSONNEL'S:</b> 53SQM <b>TOILET-LADIES:</b> 19SQM <b>TOILET-GENTS:</b> 19SQM <b>RESTAURANT:</b> 192SQM  <b>BALLROOM:</b> <b>BALL ROOM:</b> 588SQM X 2 <b>PRE-FUNCTION:</b> 200SQM X 2 <b>BALL ROOMS CIRCULATION:</b> 357SQM <b>REST ROOM:</b> 60SQM <b>TOILET LOBBY:</b> 96SQM <b>TOILET LADIES:</b> 37SQM <b>TOILET GENTS:</b> 42SQM  <b>TERRACE RESTAURANT:</b> <b>TERRACE RESTAURANT:</b> 834SQM <b>KITCHEN:</b> 92SQM <b>COLD STORE:</b> 12SQM <b>DRY STORE:</b> 12SQM <b>MEAT PREP.:</b> 20SQM <b>TOILET LADIES:</b> 22SQM <b>TOILET GENTS:</b> 24SQM <b>WAITING AREA:</b> 152.5SQM	<b>HOTEL LOBBY-2:</b> <b>HOTEL ENTRANCE-2:</b> 39SQM <b>SAFETY VAULT:</b> 37SQM <b>SECURITY PERSONNEL'S:</b> 20SQM <b>ATRIUM:</b> 1500SQM <b>RESTAURANT-2:</b> 617SQM <b>KITCHEN:</b> 123SQM <b>VIP LOUNGE:</b> 150SQM <b>SMOKING ROOM:</b> 546SQM <b>TOILET MALE:</b> 42SQM <b>TOILET FEMALE:</b> 806SQM <b>WASHING AREA:</b> 18SQM <b>FISH PREP.:</b> 11SQM <b>COLD STORE:</b> 12SQM <b>DRY STORE:</b> 12SQM <b>TOILET FEMALE:</b> 25SQM <b>TOILET MALE:</b> 25SQM  <b>PUBLIC AREAS:</b> <b>SHOP:</b> 194SQM <b>SHOP:</b> 154SQM X 2 <b>SHOP:</b> 142SQM <b>SHOP:</b> 147SQM <b>SHOP:</b> 248SQM <b>LIFT LOBBY:</b> 24SQM <b>SHOP:</b> 24SQM <b>SHOP:</b> 150SQM <b>SHOP:</b> 215SQM X 2 <b>TOILET MALE:</b> 466SQM <b>TOILET FEMALE:</b> 516SQM <b>JANITORS CLOSET:</b> 1.55SQM <b>RECEPTION+WAITING AREA:</b> 486SQM <b>TOILET-LADIES:</b> 22SQM <b>TOILET-GENTS:</b> 24SQM <b>WAITING AREA:</b> 53SQM <b>CONFERENCE HALL-1:</b> 142SQM <b>CONFERENCE HALL-2:</b> 56SQM <b>PANTRY:</b> 13.55SQM <b>STORE:</b> 15 SQM <b>CORE:</b> <b>SERVICE LOBBY:</b> 18.55SQM <b>GOODS LIFT:</b> 8.45SQM <b>SERVICE LIFT:</b> 5.85SQM <b>FIRE LOBBY:</b> 23SQM <b>FIRE LIFT:</b> 3.65SQM <b>GUEST LIFT:</b> 5.85SQM <b>FIRE SHAFT:</b> 5.45SQM <b>AHU'S:</b> 23.45SQM <b>ELECTRICAL ROOM:</b> 23.45SQM
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AREAS	Raddison Blu,Sector 18 ,Noida	LE-MERIDIEN, NEW DELHI	HOTEL Shangri-La Eros New Delhi	INFERENCES
Location	Noida	New Delhi	New Delhi	
Area	2 Acres (Pleasant Site area)	4.29 Acres (Good Movement)	3.2 Acres (As required)	6 Acres (Proper)
Surrounding	Centre Stage Mall (Commercial Sense)	HOTEL Shangri-La (Commercial Sense)	LE-MERIDIEN (Commercial Sense)	River Front (Recreational and commercial sense)
Parking	Open & 1 basements for Parkings (Requirement fulfilled)	It has 2 basements with service floor provided separately)	Basements for Parking (Requirement fulfilled)	Parking requirement should be fulfilled
APPROACH	3 Sided Entry for vehicles and persons	2 Separate Entries for Hotel Guest and Banquet	Entry 3 Sided Movement is 2 directional (Proper Circulation)	Circulation of vehicles and pedestrian should be peacefully designed
Major connectivity	Ashok Marg and Sector 18 Noida Metro Station	Raisina road and Janpath road	Ashok Road	Easy Transportation

SPACES	Raddison Blu,Sector 18 ,Noida	HOTEL Shangri-La Eros New Delhi	INFERENCES
<b>ADMINISTRATION</b>			
GENERAL MANAGER	20 SQ.MT	24 SQ.MT	18.5-23 SQ.MT
HOUSE KEEPING	10 SQ.MT	12 SQ.MT	8.5-11.5 SQ.MT
RESERVATION	10 SQ.MT	12 SQ.MT	--
ACCOUNT OFFICE	45 SQ.MT	52 SQ.MT	--
ENGINEERS OFFICE	14 SQ.MT	--	--
HYGINE MANAGER	14 SQ.MT	18 SQ.MT	--
SECURITY ROOM	12 SQ.MT	--	--
LAUNDRY	85 SQ.MT	100 SQ.MT	--
STAFF CATERINA	200 SQ.MT	360 SQ.MT	--
GENTS LOCKER ROOM	60 SQ.MT	120 SQ.MT	--
LADIES LOCKER ROOM	50 SQ.MT	120 SQ.MT	--
LINEN ROOM	80 SQ.MT	110 SQ.MT	--
RECORD ROOM	38 SQ.MT	16 SQ.MT	1.8 SQM/SEAT
GENERAL STORAGE	80 SQ.MT	100 SQ.MT	--

SPACES	Raddison Blu,Sector 18 ,Noida	HOTEL Shangri-La Eros New Delhi	INFERENCES
GYMNASIUM	250 SQ.MT	250SQ.MT	-
BEAUTY PARLOUR	65 SQ.MT	65 SQ.MT	-
MASSAGE CENTER	32 SQ.MT	40 SQ.MT	-
WAITING LAUNGE	22 SQ.MT	18 SQ.MT	-
LADIES CHANGING ROOM	50 SQ.MT	60 SQ.MT	-
GENTS CHANGING ROOM	52 SQ.MT	58 SQ.MT	-
BACK OFFICE	28 SQ.MT	28 SQ.MT	-

SPACES	Raddison Blu,Sector 18 ,Noida	HOTEL Shangri-La Eros New Delhi	INFERENCES
A/C ROOMS			
WATER TREATMENT PLANT	658 SQ.MT	500 SQ.MT	60% OF THE DINING AREA
PUMP ROOM	-	-	-
TRANSFORMER	-	-	-
TELEPHONE EXCHANGE	-	-	-
AIR HANDING	32 SQ.MT	50 SQ.MT	1.8 SQ.MT/SEAT

SPACES	Raddison Blu,Sector 18 ,Noida	HOTEL Shangri-La Eros New Delhi	INFERENCES
CATEGORIES			
SUPERIOR ROOM	-	38 SQ.MT(15)	22 SQ.MT
DELUXE ROOM	24 SQ.MT(57)	-	22 SQ.MT
EXECUTIVE ROOM	26 SQ.MT(25)	44 SQ.MT(24)	24 SQ.MT
DELLER SUITE	44 SQ.MT(32)	64 SQ.MT(1)	55 SQ.MT
PRESIDENTIAL SUITE	60 SQ.MT(1)	125 SQ.MT(1)	85 SQ.MT
ROOM FOR (DINING)	125 SQ.MT(1)	83 SQ.MT(1)	87 SQ.MT

SPACES	Raddison Blu,Sector 18 ,Noida	HOTEL Shangri-La Eros New Delhi	INFERENCES
ENGINEERING			
D/G ROOM	-	320 SQ.MT	8.7-8.9 SQ.MT
BOILER ROOM	-	-	10% OF BANQUETE AREA



## CONCEPT

# 5 STAR HOTEL

## INTRODUCTION

WHAT?

APPROPRIATE, REASONABLE PRICES OFFERING, ACCESS TO FACILITIES AND AMENITIES TO PERMANENT RESIDENTS AND OTHERS HAVING RESERVATIONS; ISSUING ACCEPT, STAY/STAY-OUT RATES AVAILABLE TO THE GENERAL PUBLIC.

HOTELS ARE AN IMPORTANT COMPONENT OF THE TOURISM PRODUCT THEY CONTRIBUTE TO. IN THE OVERALL TOURISM EXPERIENCE THEY SET THE STANDARDS OF FACILITIES AND SERVICES OFFERED TO VISITORS.

WITH THE AIM OF PROMOTING CONFORMITY WITH HIGH STANDARDS OF FACILITIES AND SERVICES AVAILABLE IN THE HOTELS "THE MINISTRY OF TOURISM HAS FORMULATED A QUALITY SCHEME FOR CLASSIFICATION OF OPERATIONAL HOTELS WHICH WILL BE APPLICABLE TO THE FOLLOWING CATEGORIES: SUPER CATEGORY HOTEL - 5 STAR HOTEL - 5 STAR 4 STAR - 5 STAR 3 STAR - 5 STAR 2 STAR - 5 STAR 1 STAR.

HERITAGE CATEGORY HOTELS - HERITAGE 5 STAR

## WHY?

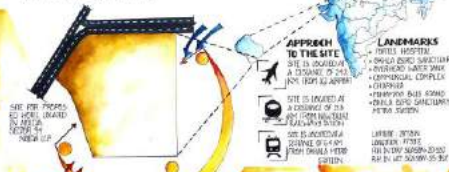
INFLUENCE AS CONSIDERED AN IMPORTANT ECONOMIC COMPONENT TO AND CONTRIBUTOR TO SOME COUNTRIES, CITIES AND MANAGERIALS WILL THEIR KNOWLEDGE IN ORDER TO STIMULATE LOCAL DEVELOPMENT. THESE KNOWLEDGES CAN BE IN THE FORM OF AN ARTICLE, AN ANALYSIS, A LECTURE, AN ASSESSMENT, ETC. WITH EMPLOYING THE TRAVEL INDUSTRY GENERATES SUBSTANTIAL ECONOMIC BENEFITS TO BOTH THESE COUNTRIES AND MANAGERIALS IN THE COURSE, ESPECIALLY IN DEVELOPING COUNTRIES, OF THE MOTIVATIONS FOR A REGION TO PROVIDE SUCH A TOURISM DESTINATION IN THE IMPROVED ECONOMIC IMPROVEMENT.

**NEED?**  
THE STAR LINE

[illegible]

## SITE ANALYSIS

MODERN IS ONE OF THE FASTEST GROWING CITIES IN INDIA AND THRIVING HUB FOR ECONOMIC ACTIVITIES. IT IS LOCATED AT THE INTERSECTION OF WESTERN AND EASTERN DESIGNATED CORRIDORS AND IS ALSO THE GATEWAY TO THE CELEBRATED MUMBAI INDUSTRIAL CORRIDOR. IT HAS EMERGED AS A MODERN MODEL OF THE SUSTAINED TOWN PLANNING.



## CONCEPT EXPLANATION

# FORM EVOLUTION

IN LUXURY 3476  
FILL THOSE LOUDES

WHEN INVOLVING G  
HOLDERS, PEOPLE W

44-38861-100  
 44-38861-101  
 44-38861-102

A pedigree chart showing a family with two children affected by Down syndrome. The parents are unaffected (represented by open circles and squares). They have two children, both of whom are affected (represented by filled circles and squares). The affected children are labeled 'Down syndrome'.

SHU-JING, T.

11

OUR SITE IS LOCATED AT SECTOR 54-  
NORTH. OUR TARGETED ALEXANDER  
OF THE HOTEL IS COORDINATE  
0.8.8.8.











STUDENT DISCOUNTS

LUXURY 113 DIFFERENT PART

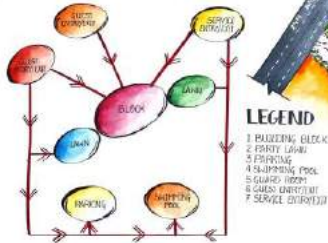
THE FRONT POINT OF ANY BUILDING GIVES YOU CLUES. SOMETHING TO REMEMBER YOU BY. THAT IS STYLE, SOME COLOUR THING.



SHOWING THE CLIMBS OF LUXURY IN DIFFERENT PARTS OF HOTELS

	CASE STUDY-1 KROSSBERG TALL HOTEL	CASE STUDY-2 LE FARMHOUSE, HAWAII	CONCEPT
ROOM			PROVIDING GLASS BALCONY AREA SITTING SPACE
RESTAURANT			PROVIDING MEZZ AND 1ST FLOOR
BAR			PROVIDING ROOM AND LIVE FOOD COURT
SHOPPING POOL			PROVIDING INFINTY POOL
CONFERENCE HALL			PROVIDING TOPICAL AND INTERIOR SETTING

## SITE ZONING

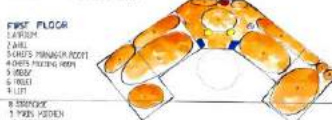
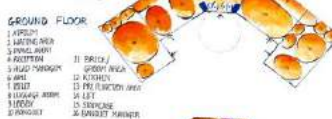


## SITE VIEWS

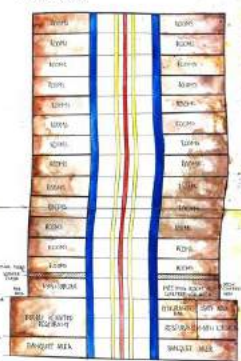


## STACKING

## HORIZONTAL STACKING



## VERTICAL STACKING

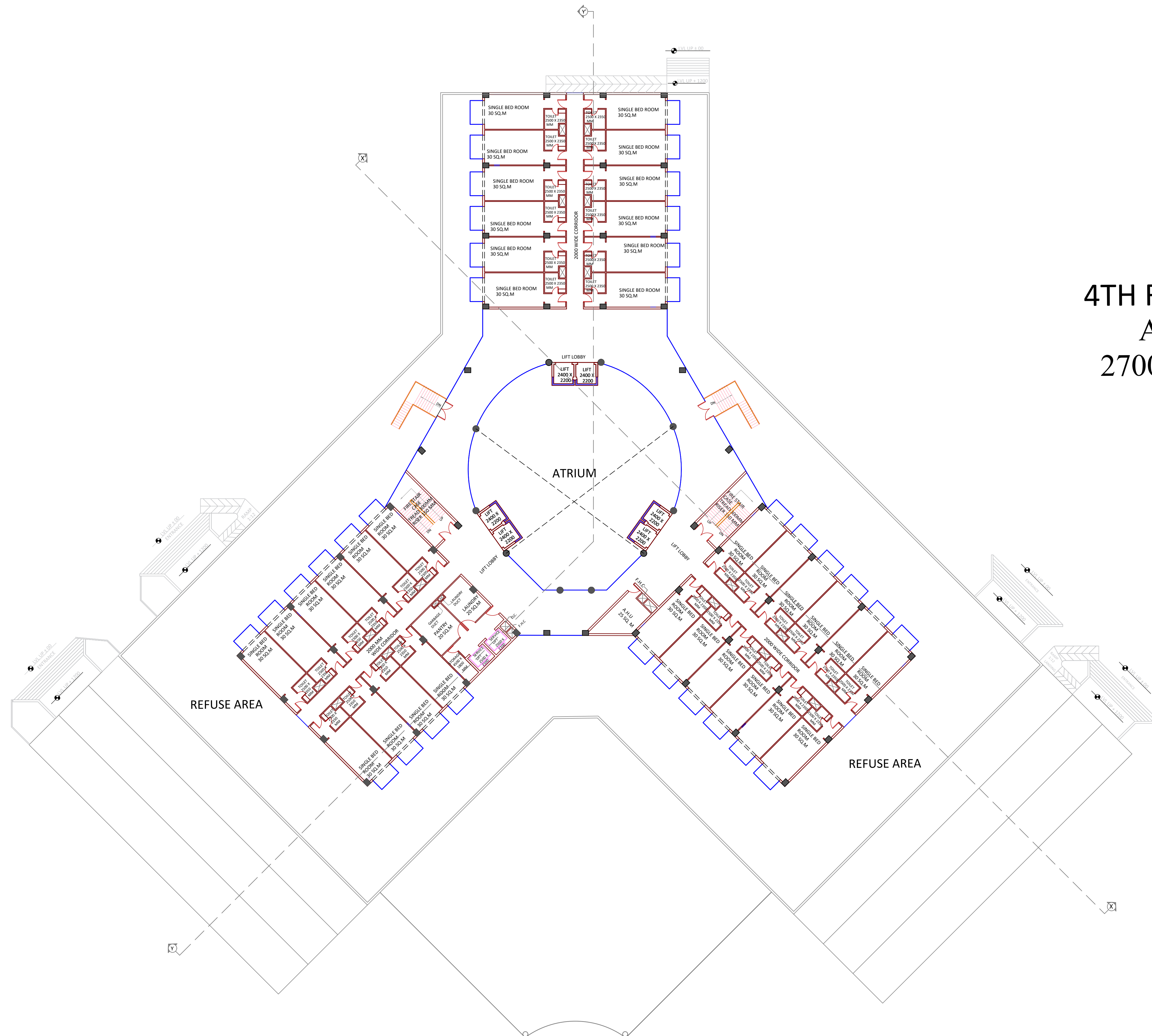


100



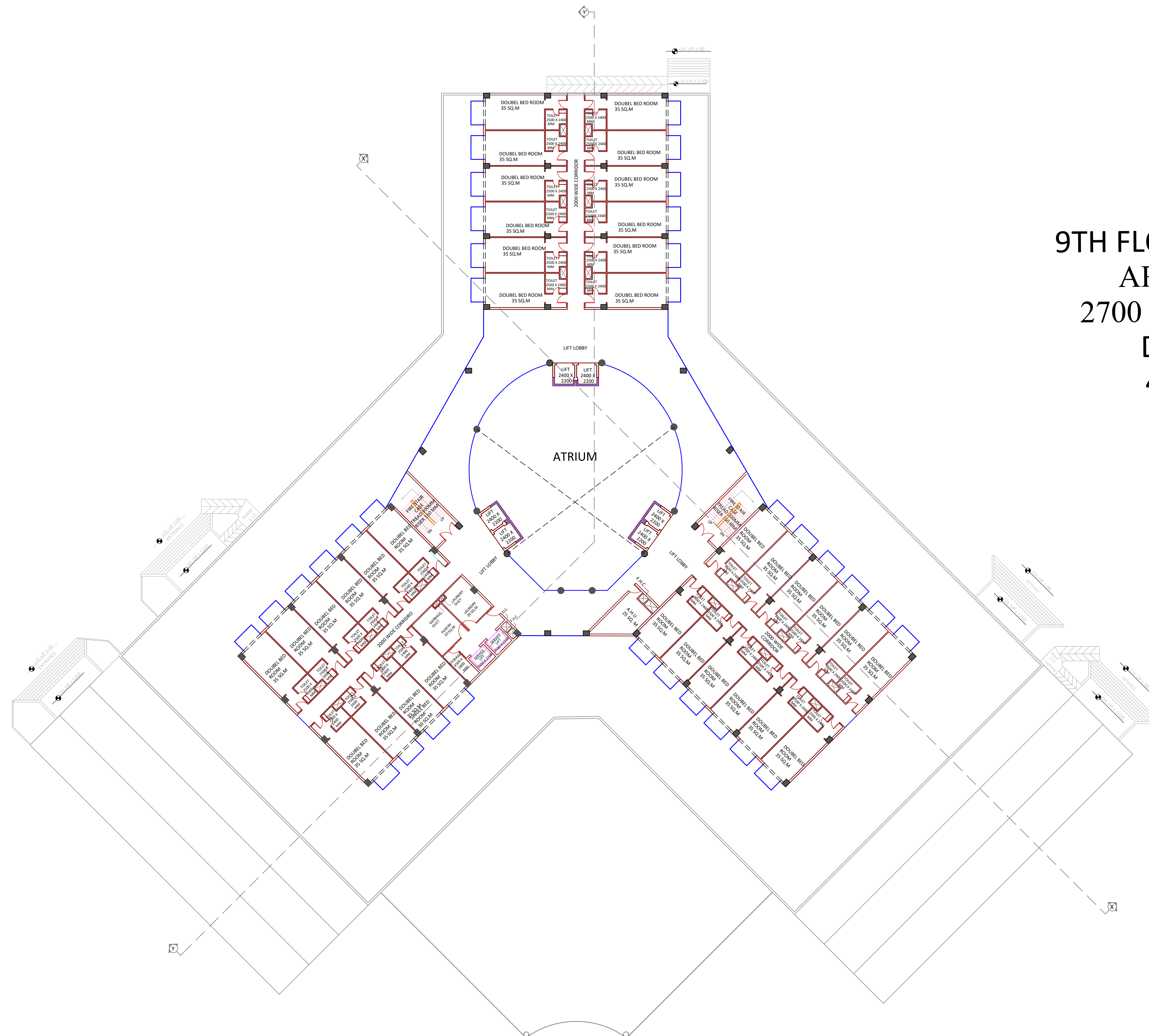






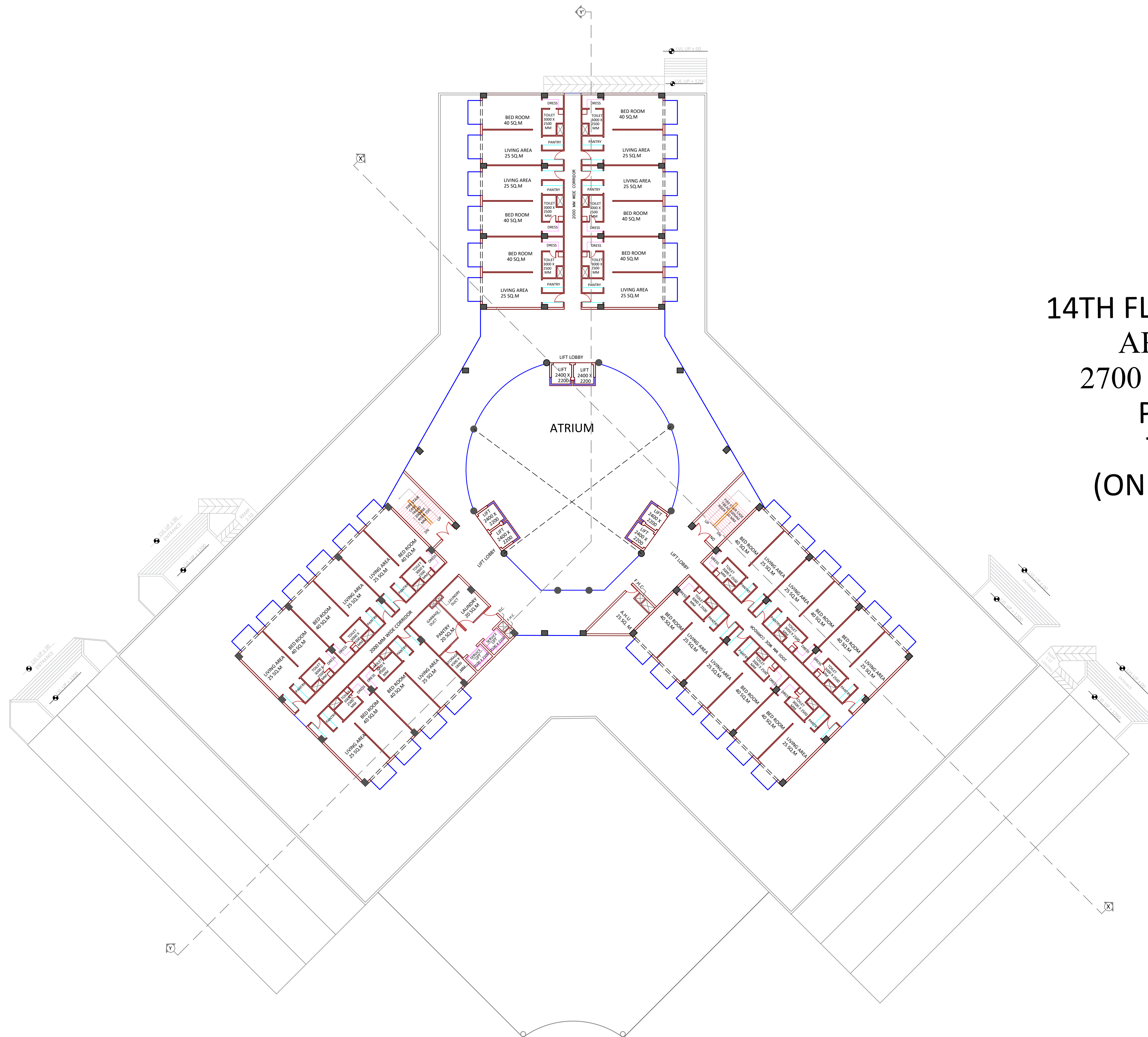
4TH FLOOR TO 8TH FLOOR  
AREA- 13500 SQ.M  
2700 SQ.M EACH FLOOR  
CLASSIC ROOMS  
36 SQ.M EACH





9TH FLOOR TO 13TH FLOOR  
AREA- 13500 SQ.M  
2700 SQ.M EACH FLOOR  
DELUX ROOMS  
40 SQ.M EACH

# 5 S T A R H O T E L



14TH FLOOR TO 18TH FLOOR  
AREA- 13500 SQ.M  
2700 SQ.M EACH FLOOR  
PREMIUM SUIT  
75 SQ.M EACH  
(ONE BEDROOM SUIT)

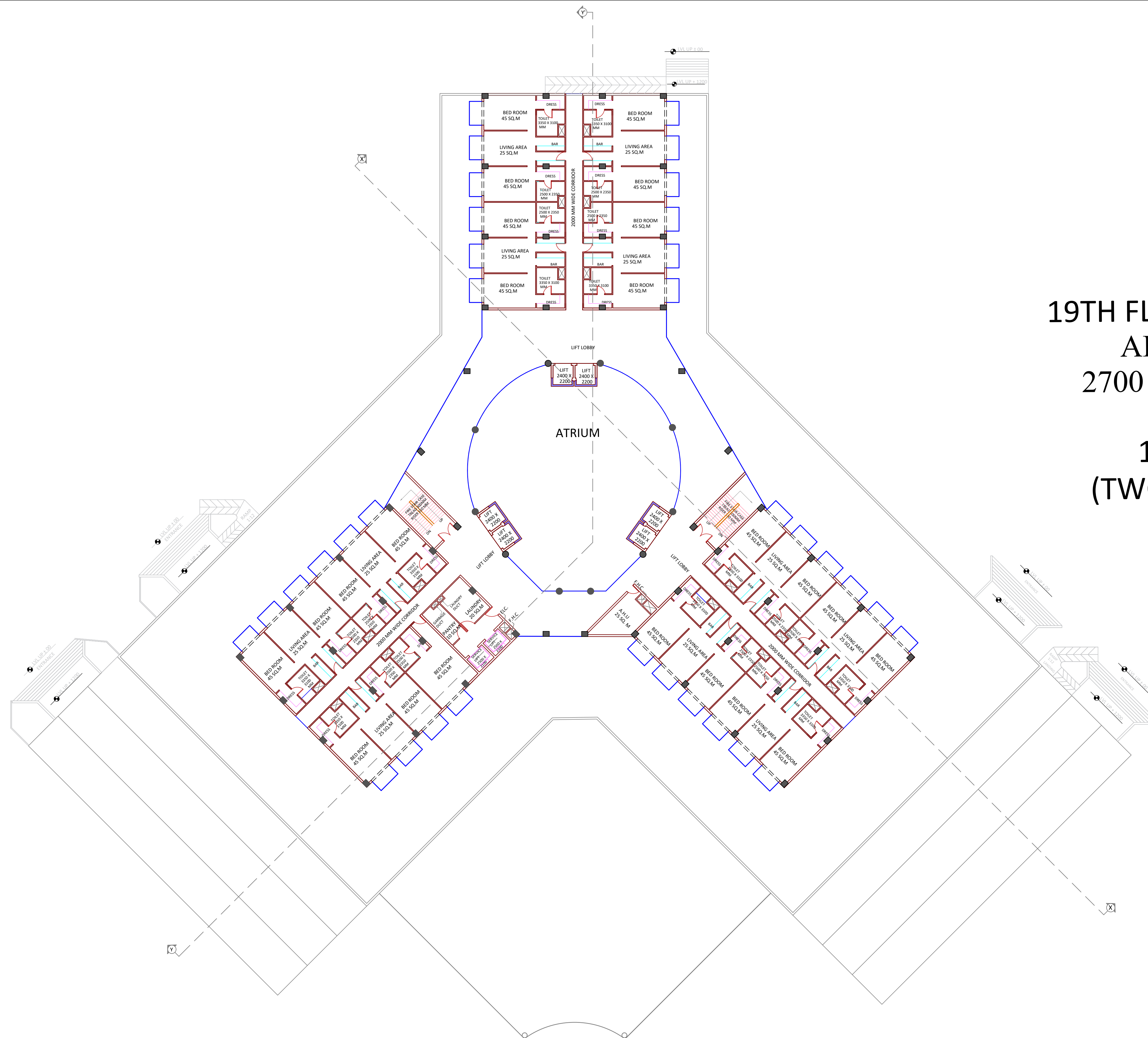
TYPICAL FLOOR PLAN

THESIS GUIDE-  
AR. SATYAM SRIVASTAVA

THESIS BY-  
ANSHIKA MEHROTRA



# 5 S T A R H O T E L



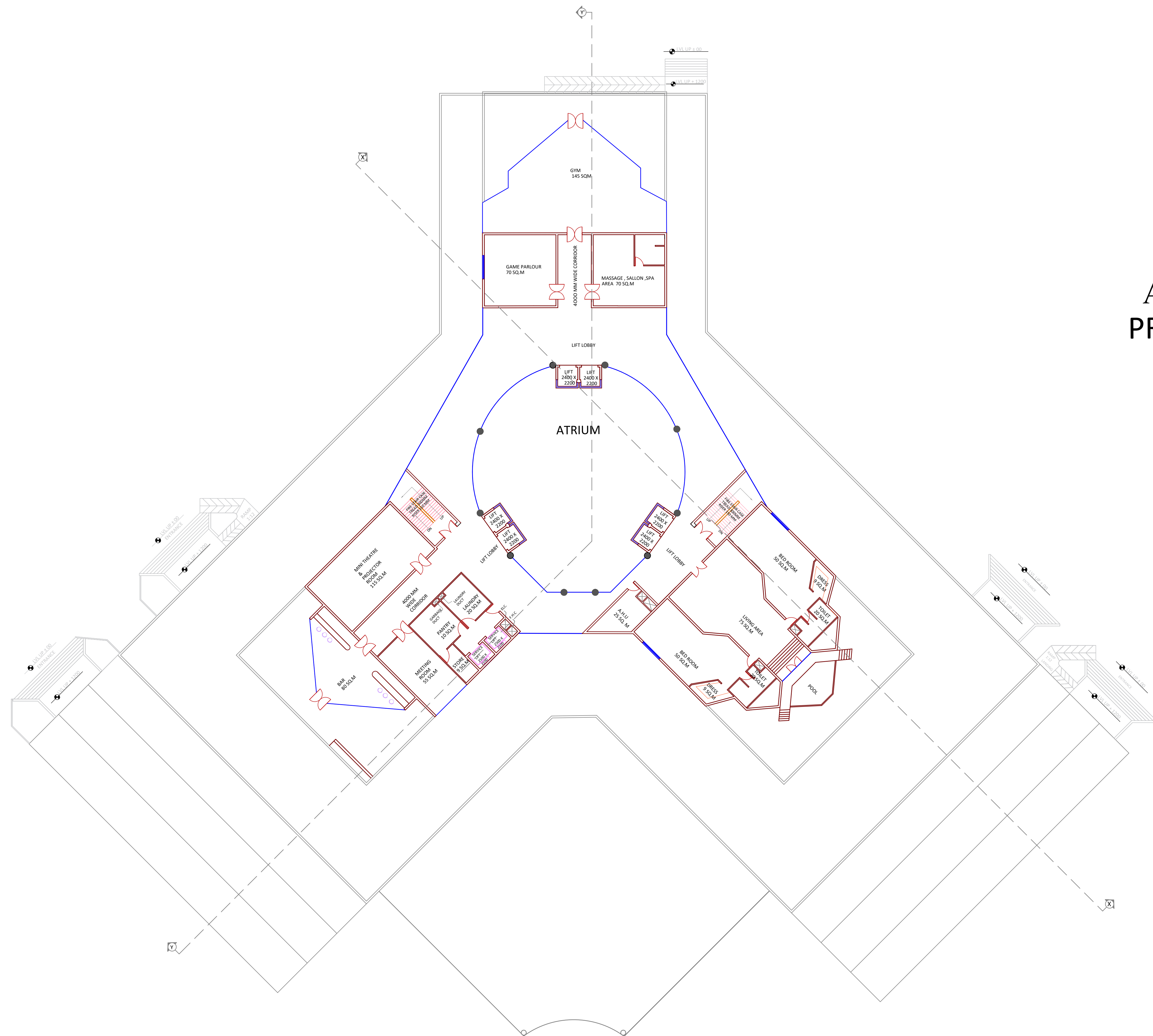
19TH FLOOR TO 23RD FLOOR  
AREA- 13500 SQ.M  
2700 SQ.M EACH FLOOR  
LUXURY SUIT  
110 SQ.M EACH  
(TWO BEDROOM SUIT)

TYPICAL FLOOR PLAN

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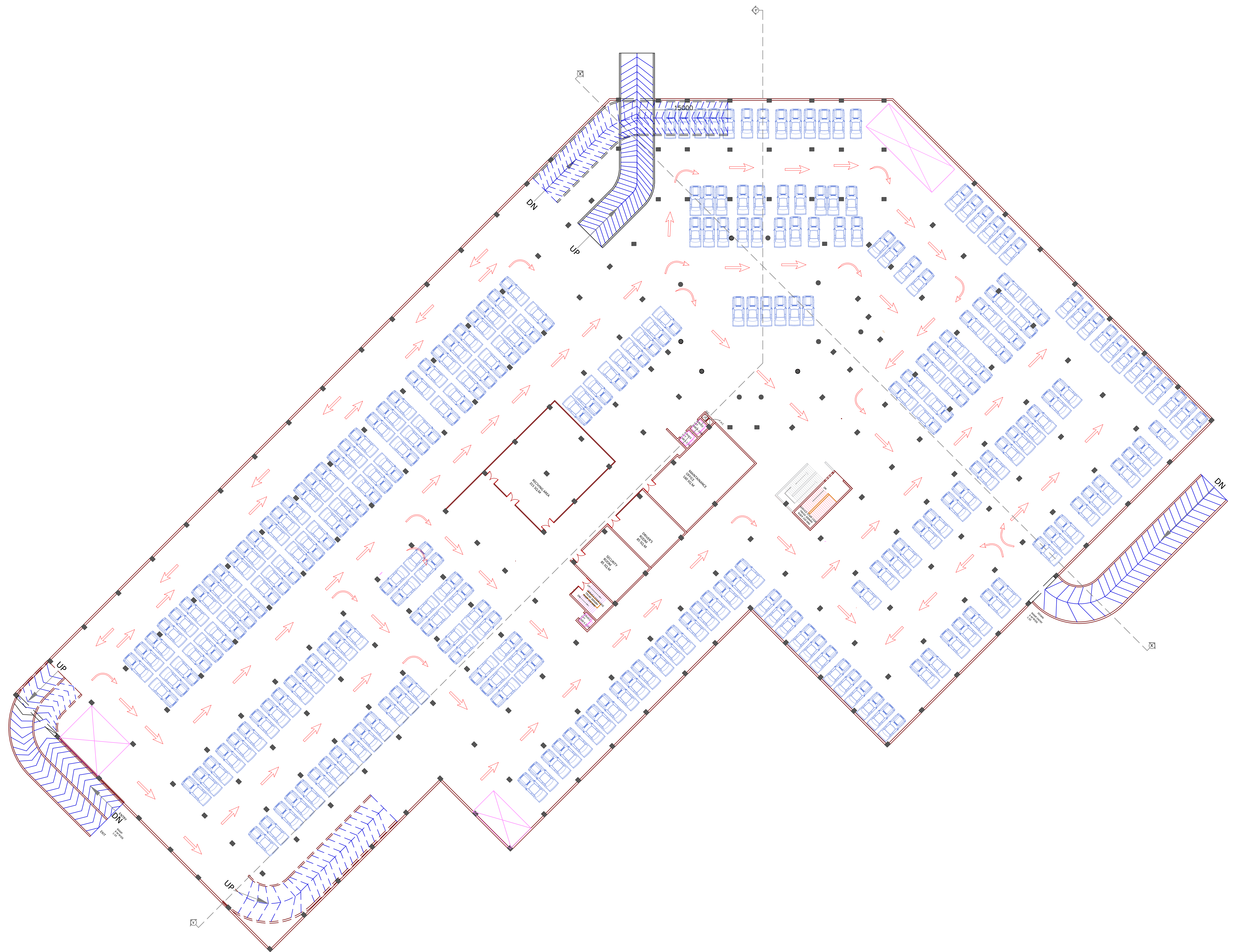
24TH FLOOR  
AREA- 2700 SQ.M  
PRESIDENTIAL SUIT  
450 SQ.M

# TERRACE FLOOR PLAN

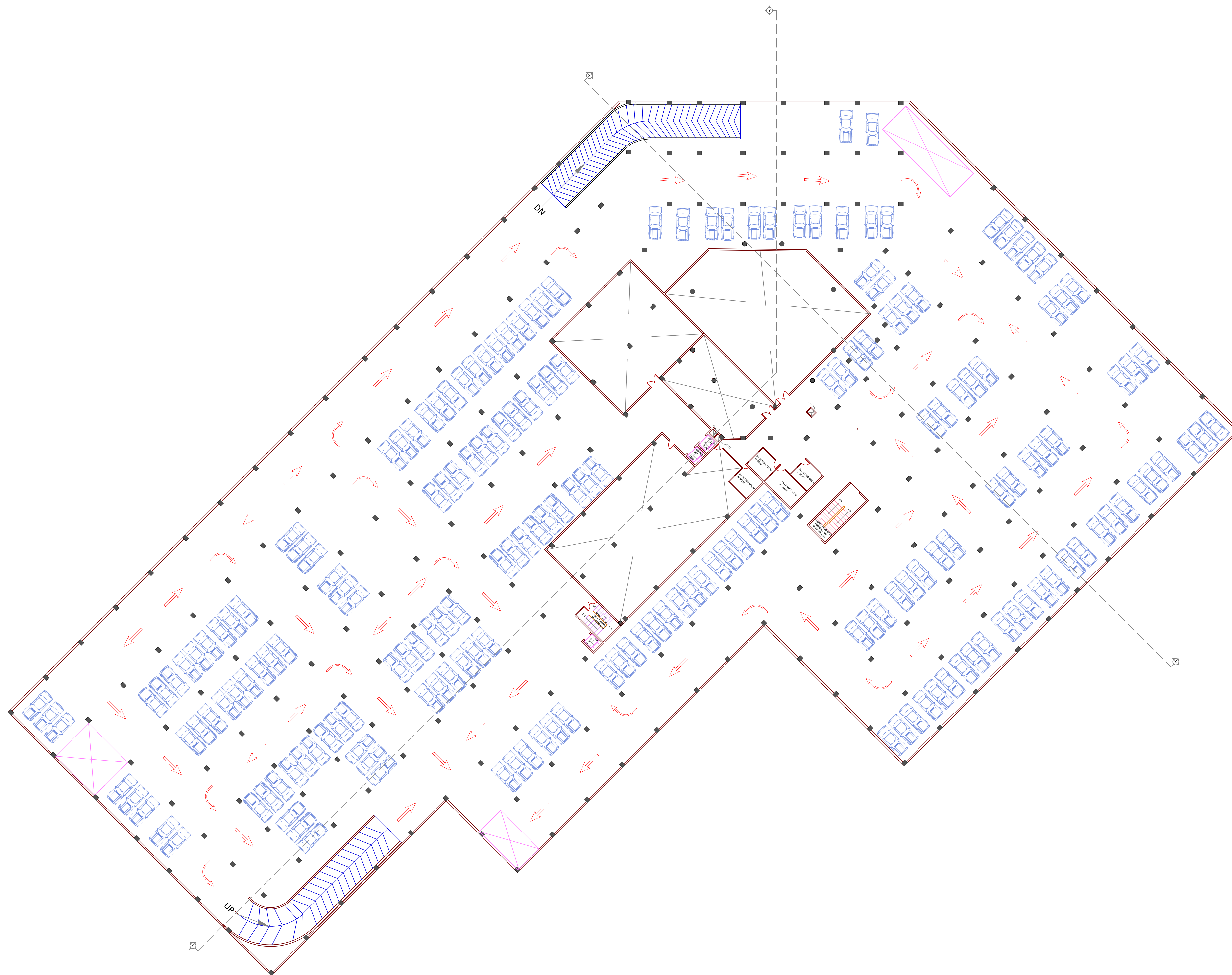
THESIS GUIDE-  
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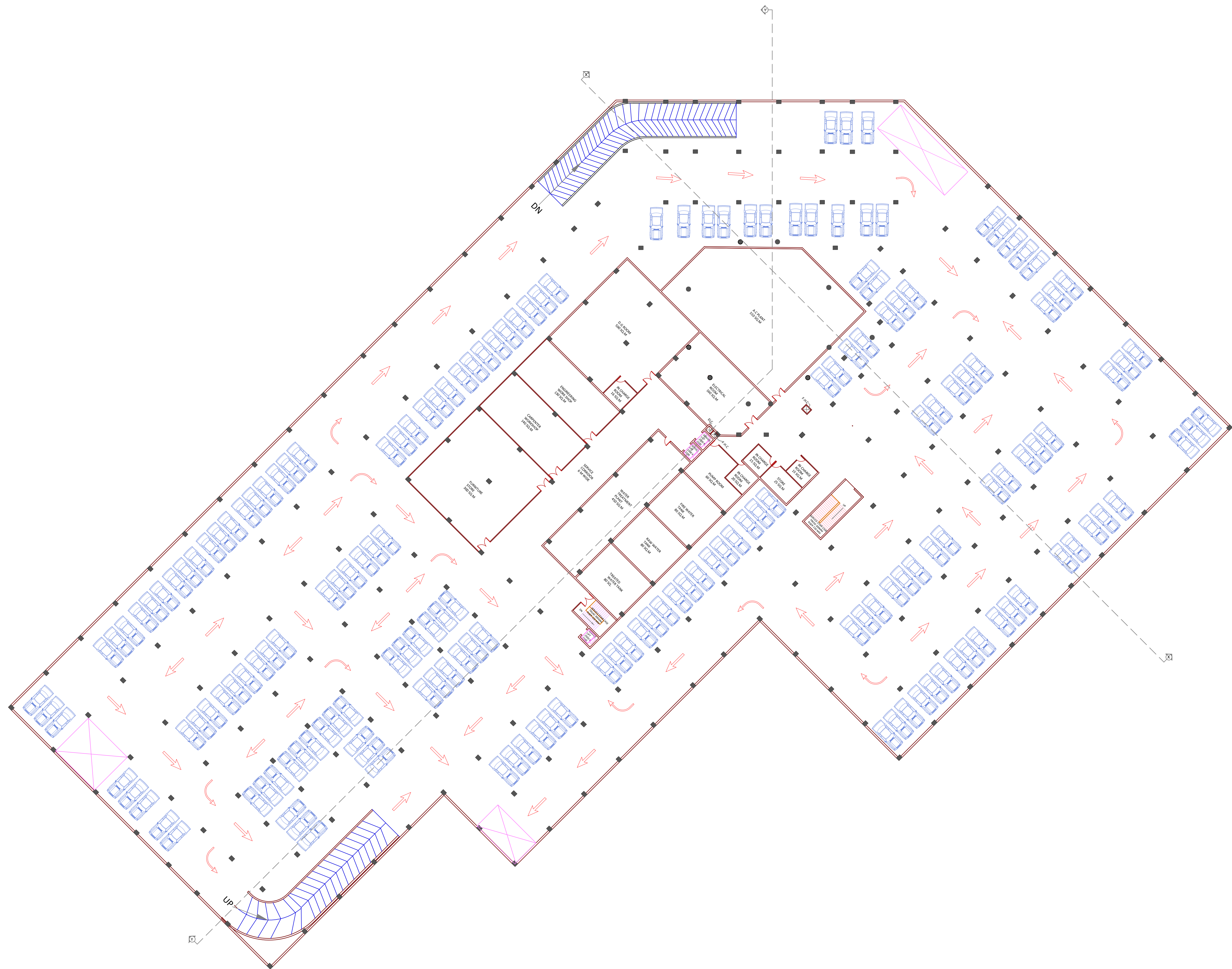


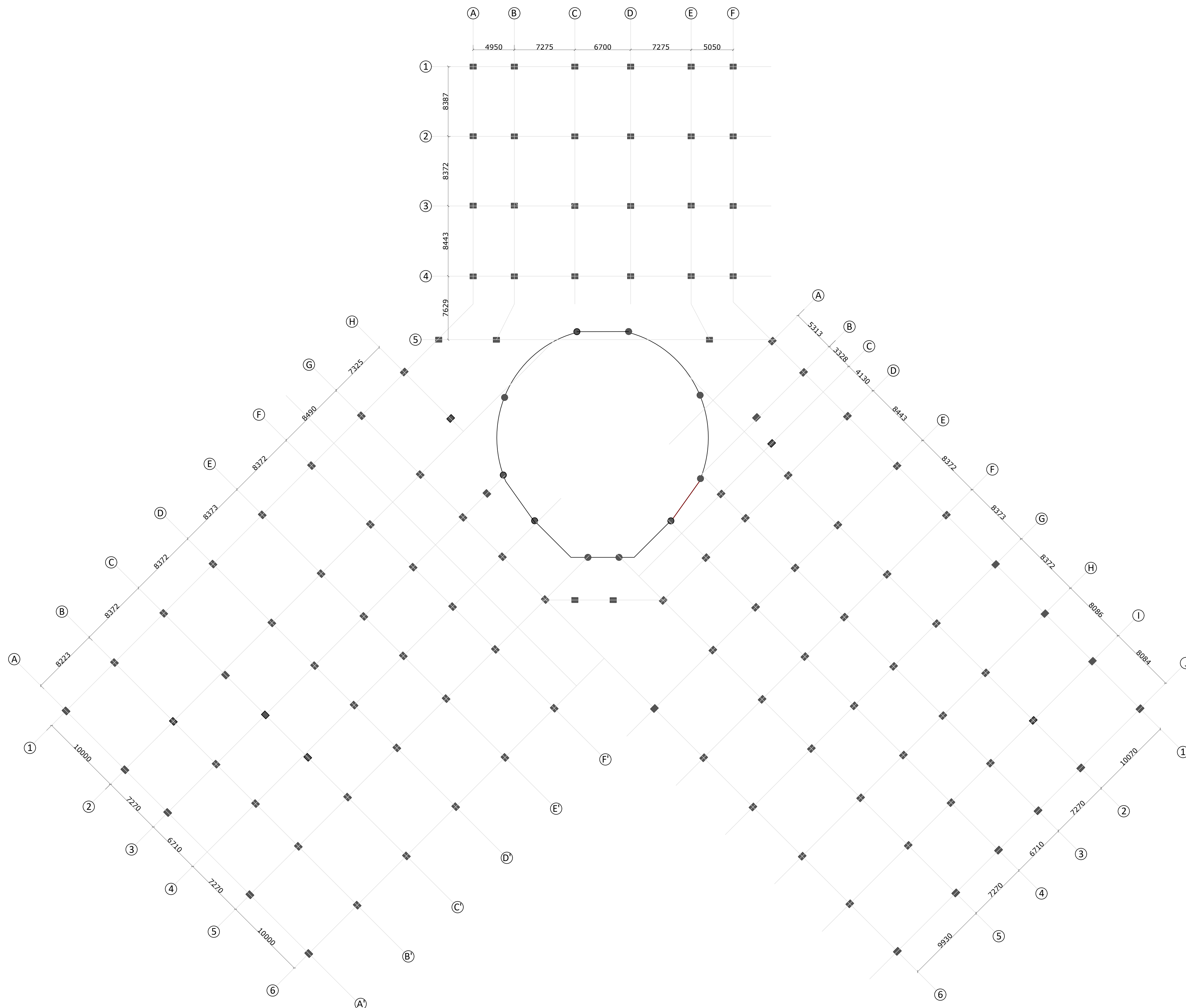






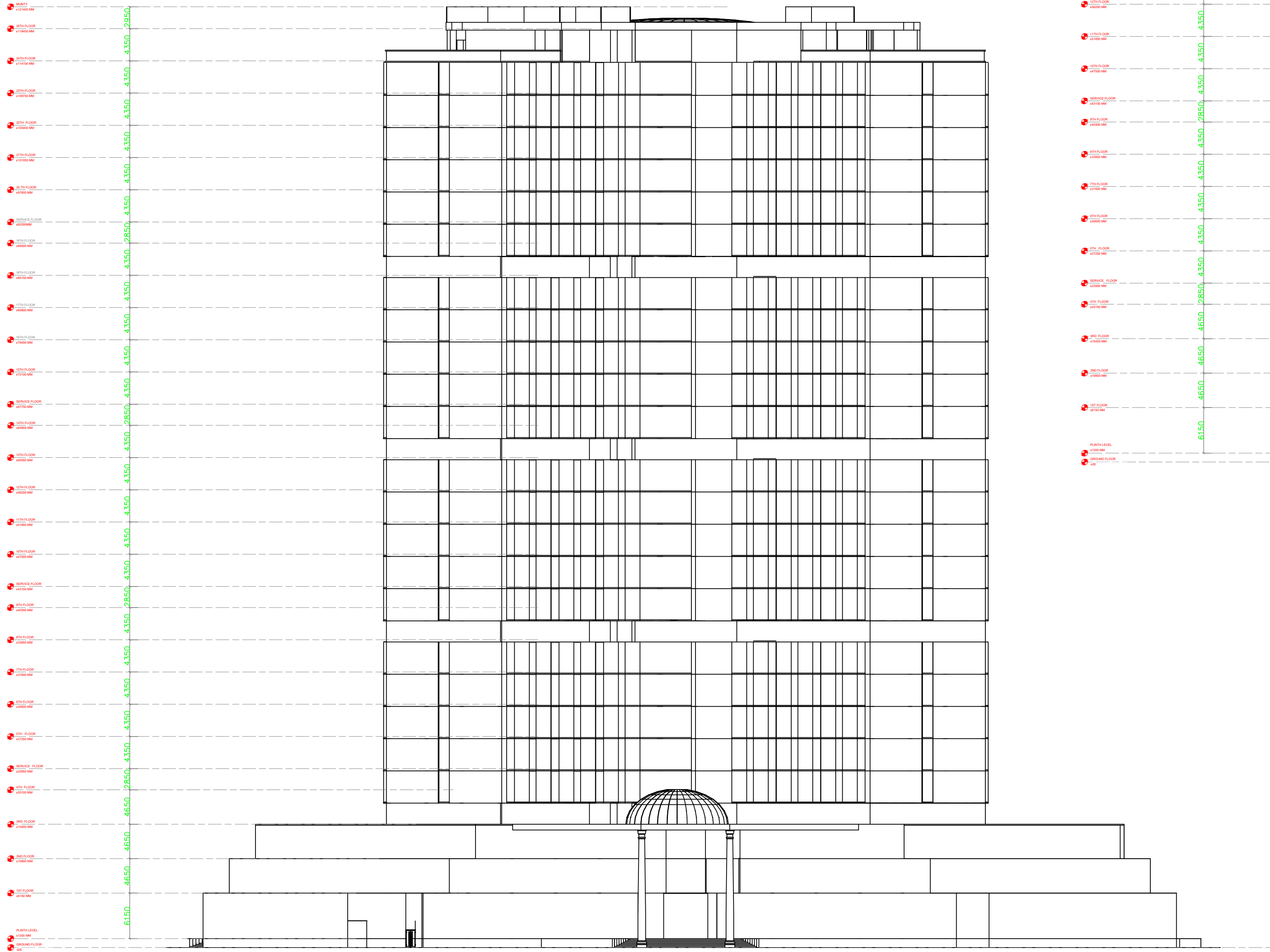




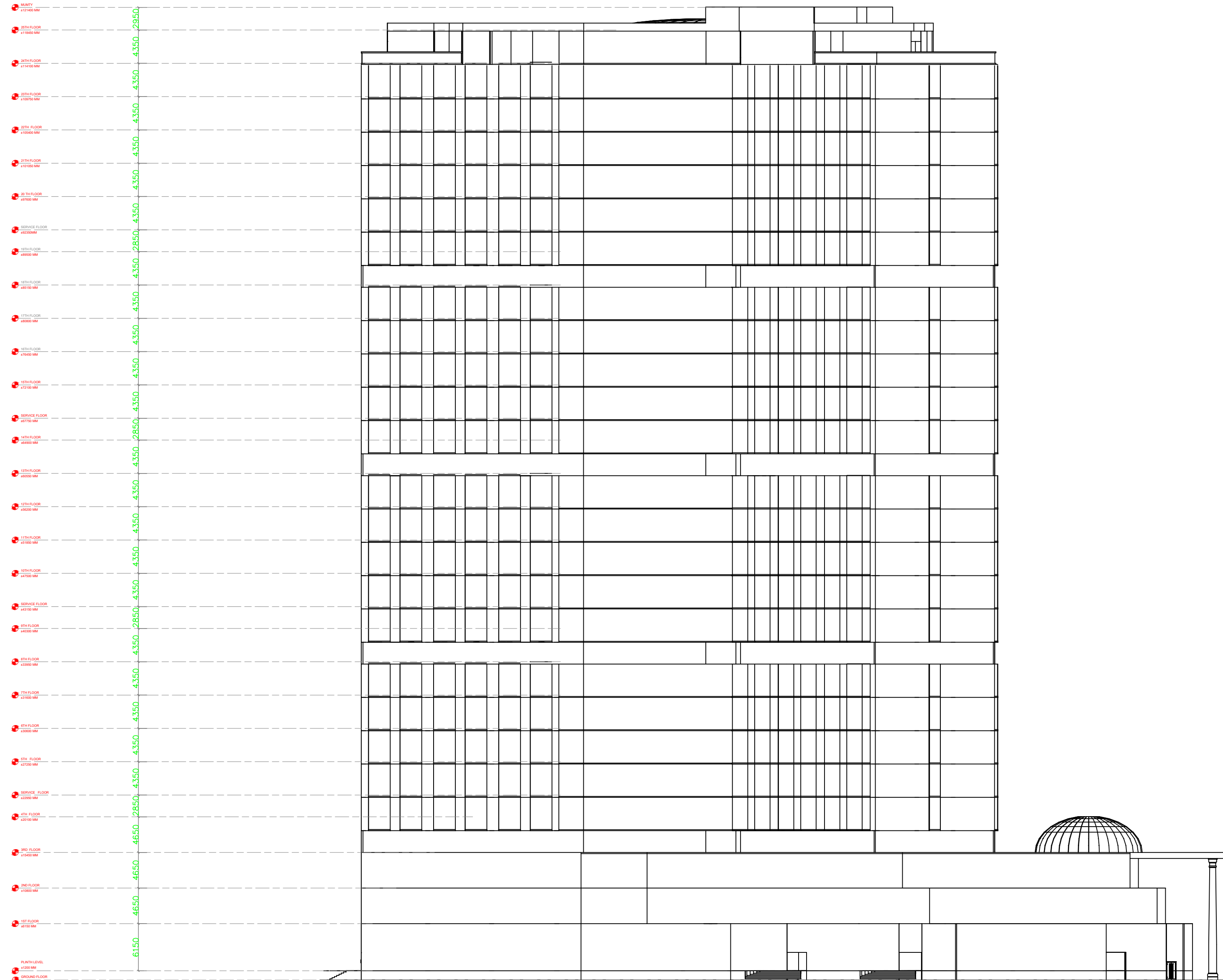




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FRONT ELEVATION



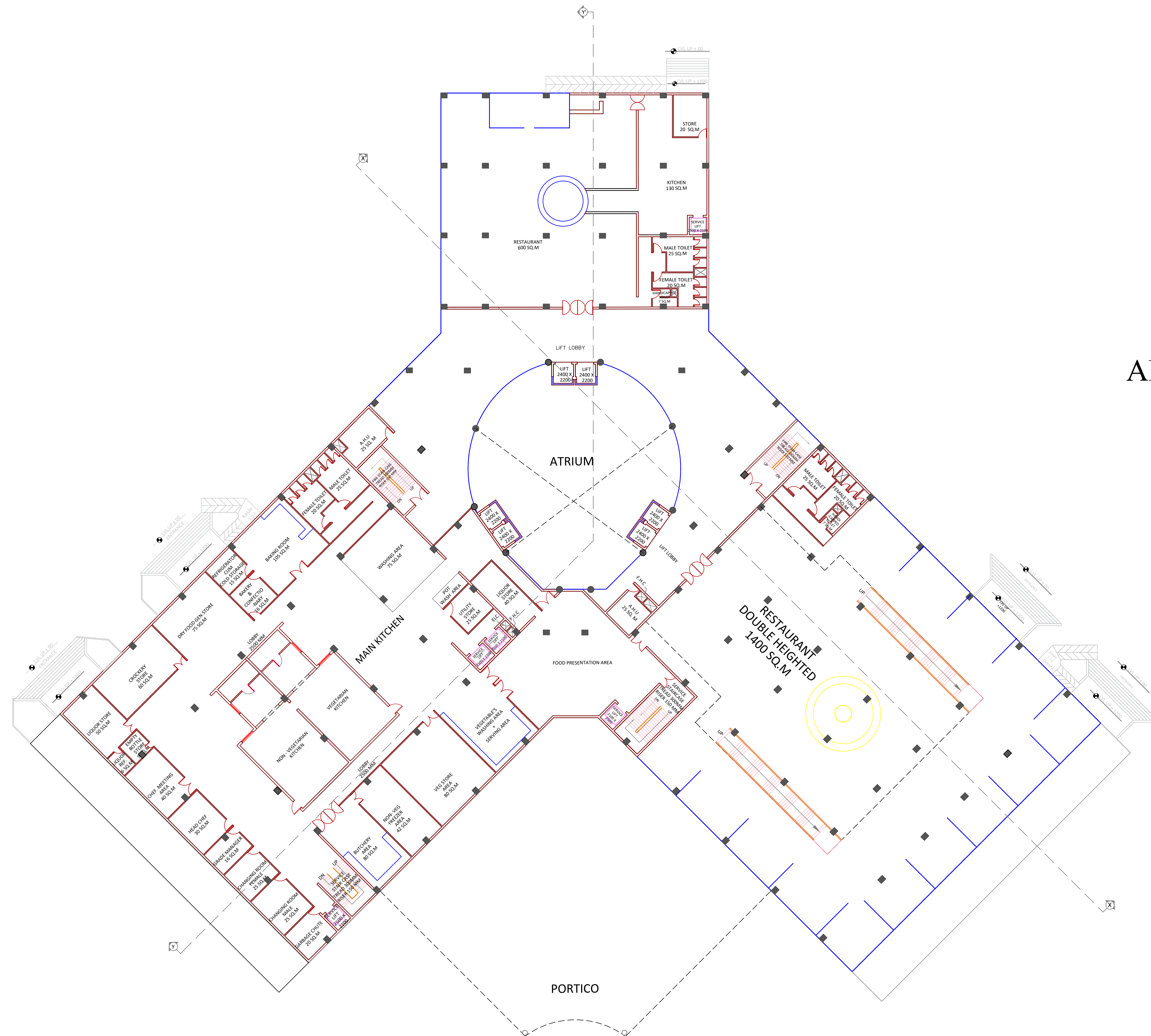
SIDE ELEVATION

ELEVATION

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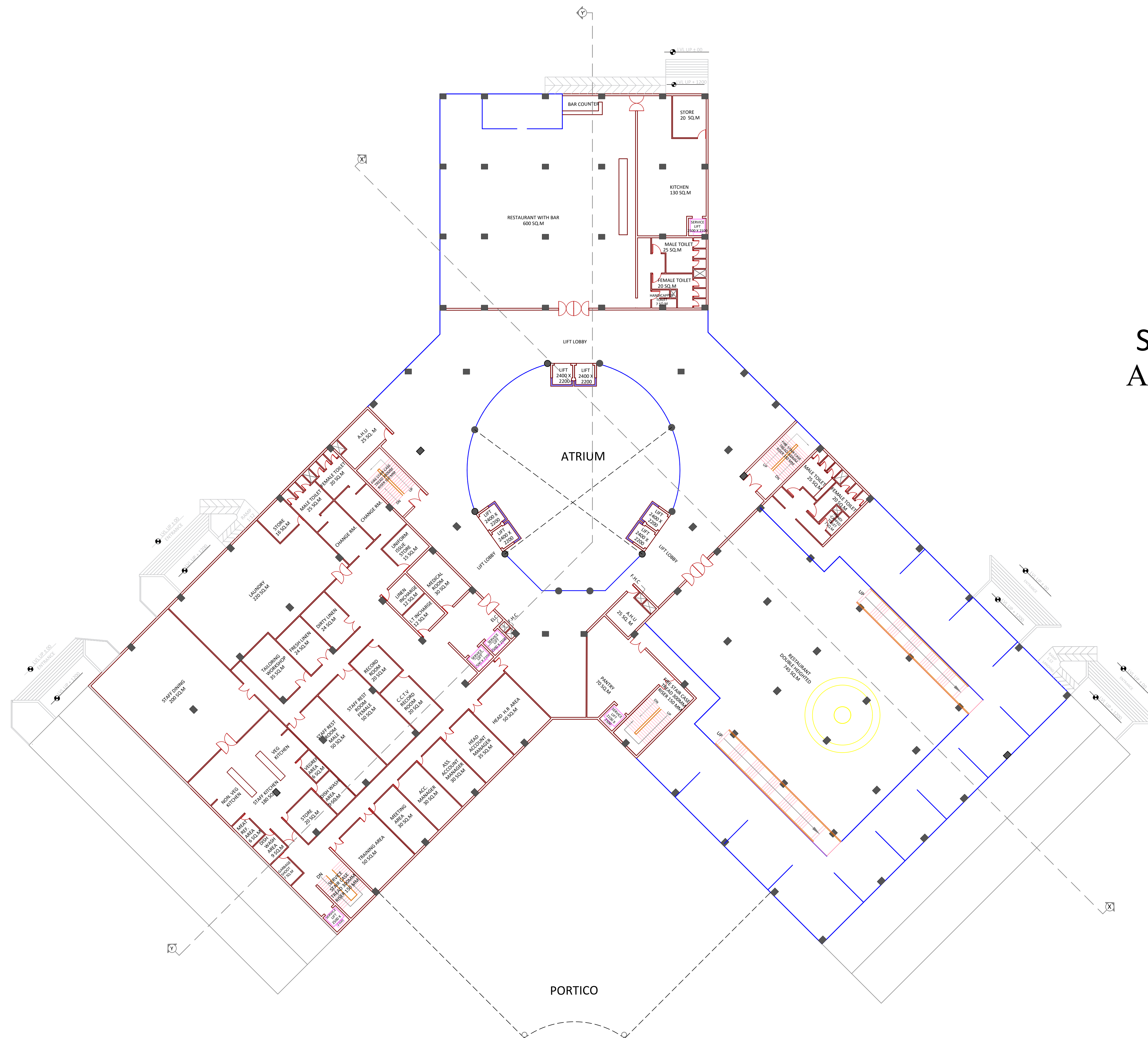




FIRST FLOOR  
AREA- 6340 SQ.M







# SECTION - XX'

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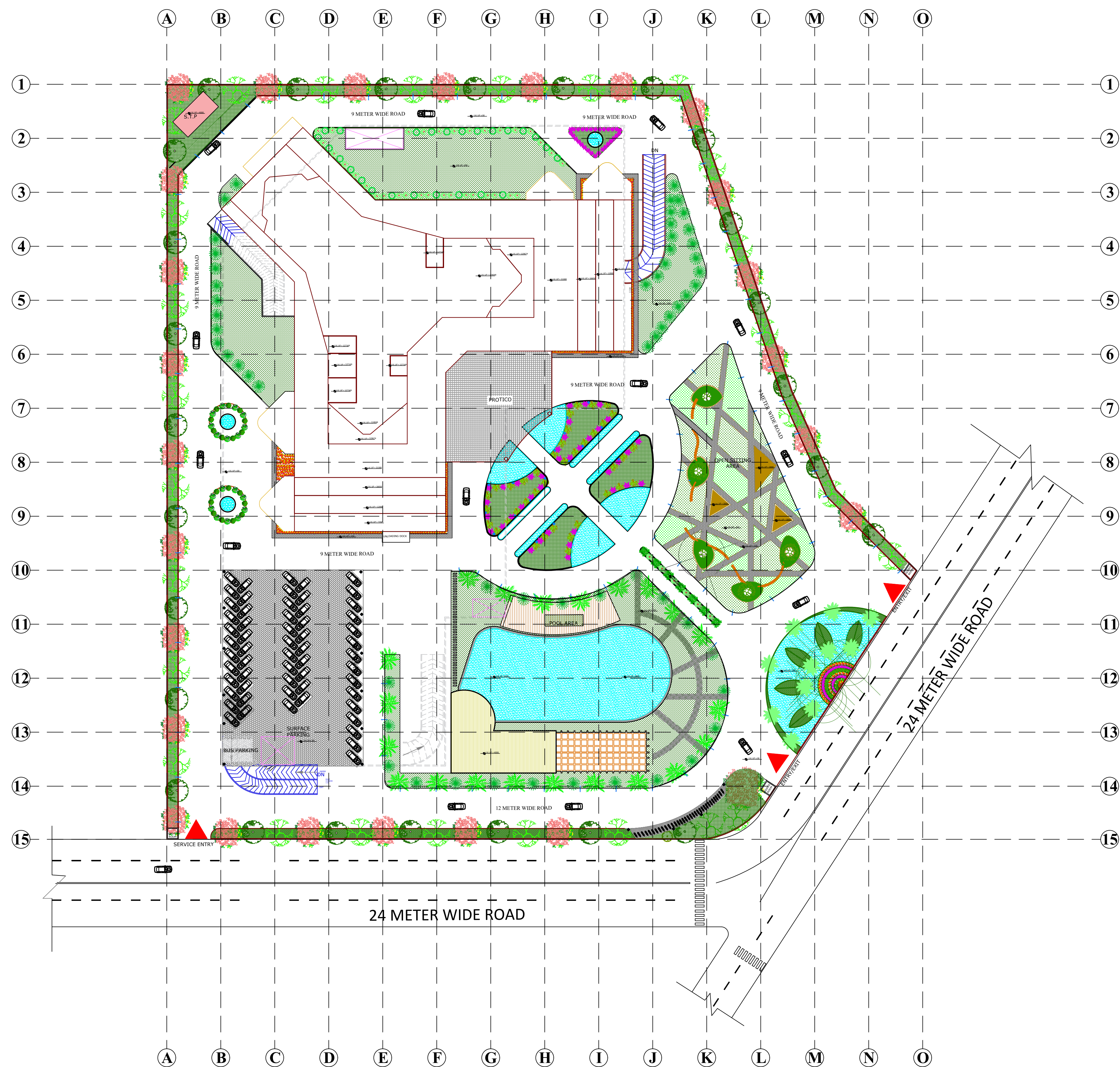


# SECTION - YY'

THESIS BY-  
ANSHIKA MEHROTRA







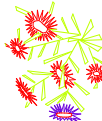
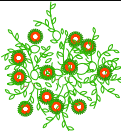





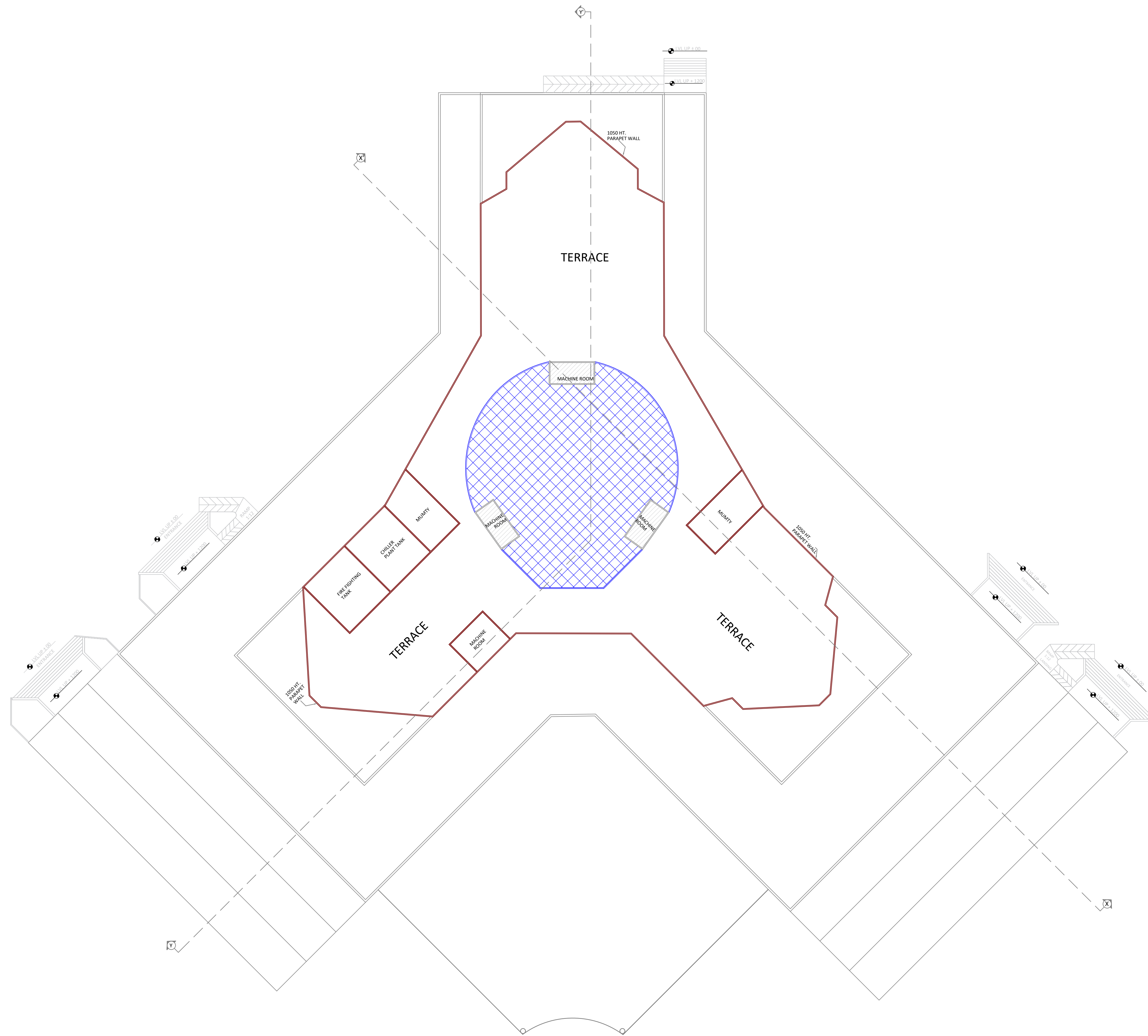
## AREA DETAILS

SITE - 9 ACRE(36421 SQ.M )  
GROUND COVERAGE - 30% (10926.3)  
ACHIEVED AREA - 6760 SQ.M ( 16.6% )  
PERMISSIBLE - 1456834 SQ.M  
BUILT UP AREA  
F.A.R - 4  
FIRST FLOOR PLAN AREA - 6340 SQ.M  
SECOND FLOOR PLAN AREA - 5920 SQ.M  
THIRD FLOOR PLAN AREA - 5500 SQ.M  
4TH - 8TH FLOOR PLAN AREA - 13500 SQ.M  
9TH - 13TH FLOOR PLAN AREA - 13500 SQ.M  
14TH - 18TH FLOOR PLAN AREA - 13500 SQ.M  
19TH - 23TH FLOOR PLAN AREA - 13500 SQ.M  
24TH FLOOR PLAN AREA - 2700 SQ.M  
ACHIEVED BUILT UP AREA - 81220 SQ.M

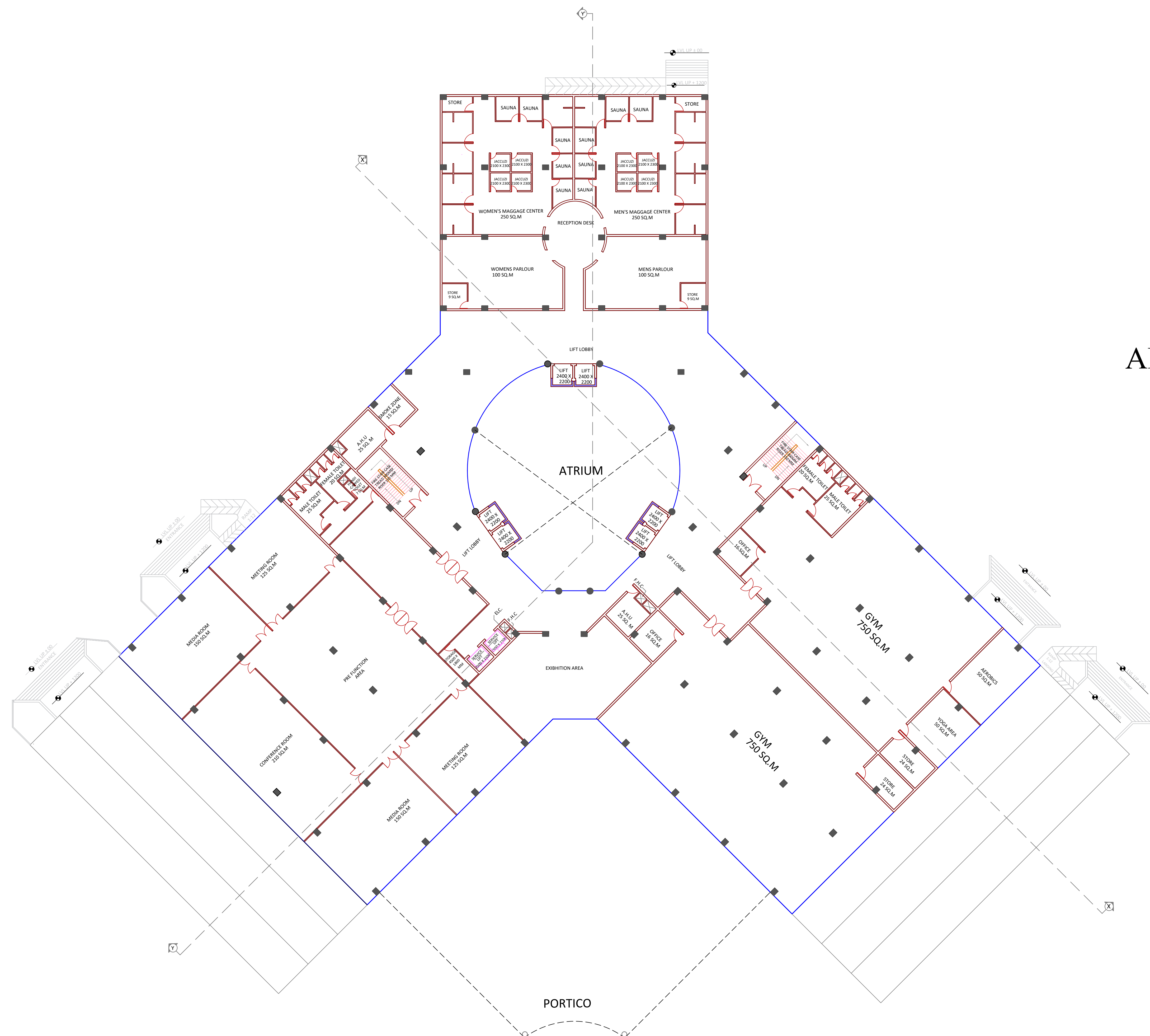
## LEGENDS:

SYMBOL	DESCRIPTION
SHADING TREES	
	NEEM TREE Azadirachta indica
	YELLOW OLEANDER Cascabela thevetia
	GULMOHAR Royal poinciana
	PALM TREE Areca triandra
SHRUBS & HEDGES	
	Golden durlanta
	Tecomara censpis
	Latana
LIGHTS	
	Pole Lights
	Street lights

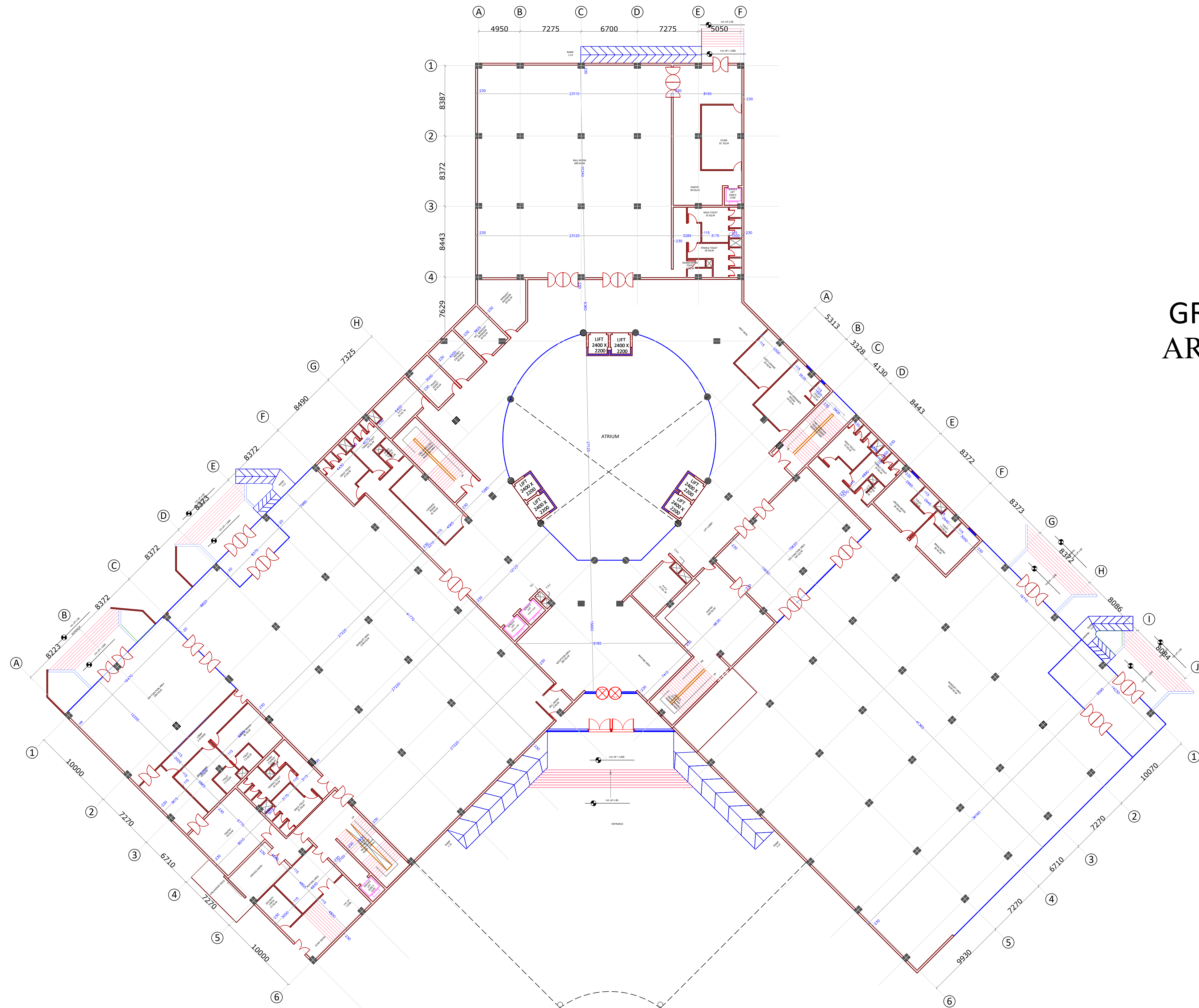








# 5 S T A R H O T E L



GROUND FLOOR  
AREA- 6050 SQ.M

WORKING DRAWING

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