



report folio

PARAS MONGIA

Cities are dynamic in nature and it remains under the process of development or rejuvenation until the vision set is achieved. Urban areas weaved within the city's fabric are the outcomes of its evolution over the years. These areas tells us the story of city's progression or regression during present scenario.

Urban Public Spaces leave a very strong impression on our minds as these are mere experiences which continue to remain with us as memories. People not only spend time there but they actually meet, communicate, celebrate goodness and enjoy being together. Different places cater different purpose and possess various characteristics / aural feeling because of which our mood changes, hence we behave accordingly. Urban Spaces are breathable places within city's urban-fabric.

These are knowledge sharing platform for social-interaction which are commutable, open to all regardless of any caste, culture, age-groups or gender-bias. Modern era consists of exclusionary planned spaces comparing to contemporary ones as those had the tendency of promoting inclusive & equitable environment by their nature itself.

Today, an expanded Private Realm diminished the ideal quality of Public Realm to such extent, which has ceased the growth of cities in a positive manner. Significantly, the involvement of large-scale business interests has resulted in privatization of these spaces, considering and visualizing their identity based primarily on aesthetics. Therefore, the key components inevitable to define the inclusiveness of a true urban space are profitably ignored by majority of authorities.

This initially leads to social exclusion, gentrification and less exposure of people as a part of their community to access the space & finally because of their absence in decision-making, civic functions, process of resurgence or managing their neighborhood spaces along with their unfulfilled needs

Instead of classifying deprived people as marginalized, a holistic approach of incorporating community participation and strong communication would play a vital role in resolving the issues faced by planners, architects, place making agents, urban practitioners and policy-makers by providing suitable sustainable solutions for universal design and development of any region or city.



PARAS MONGIA
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(PURSUING MASTERS DEGREE IN
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PERSONAL DETAILS



*“I’ve often thought that good architecture is more important than great architecture”
– Ar. Joseph Allen Stein*



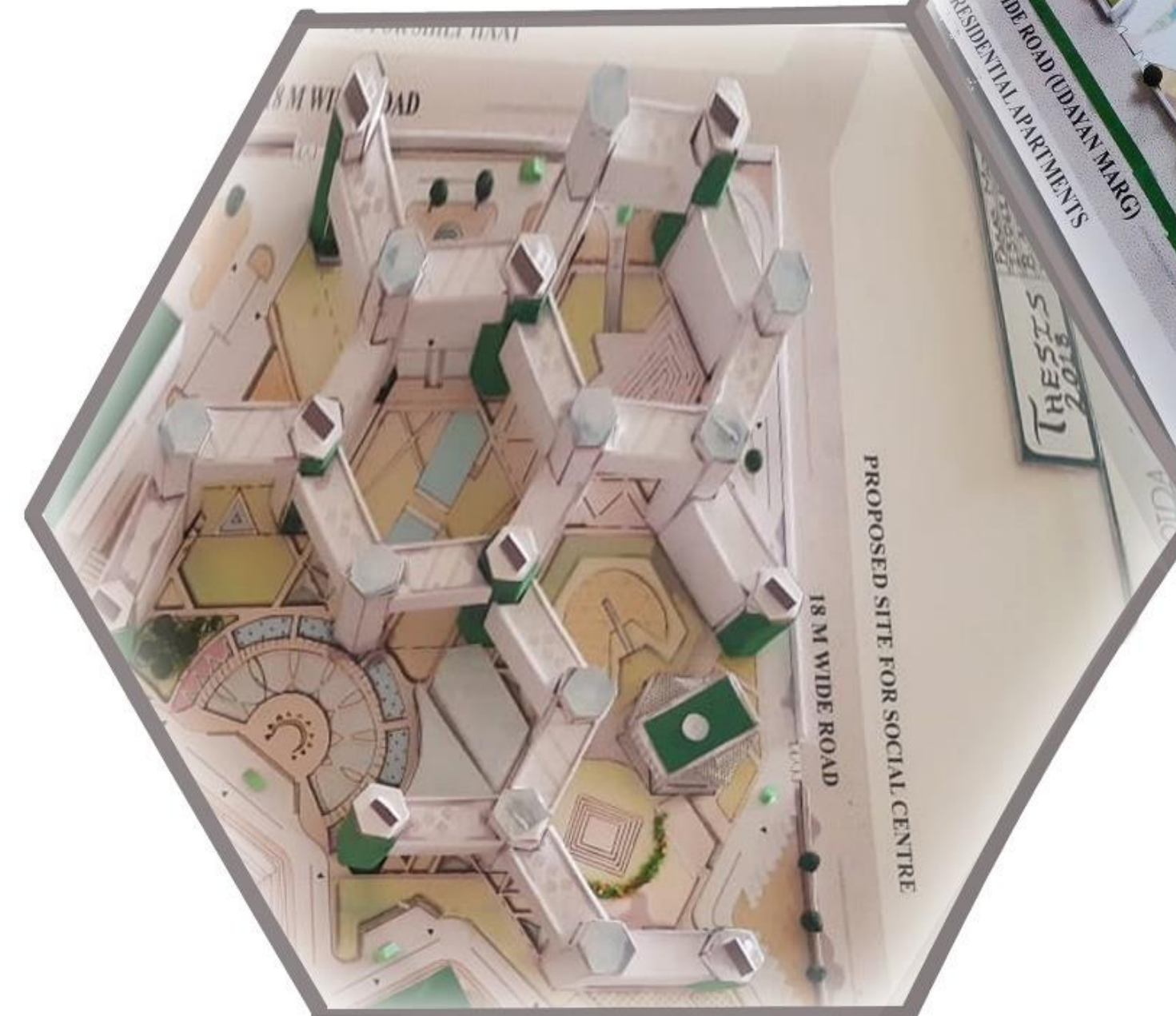
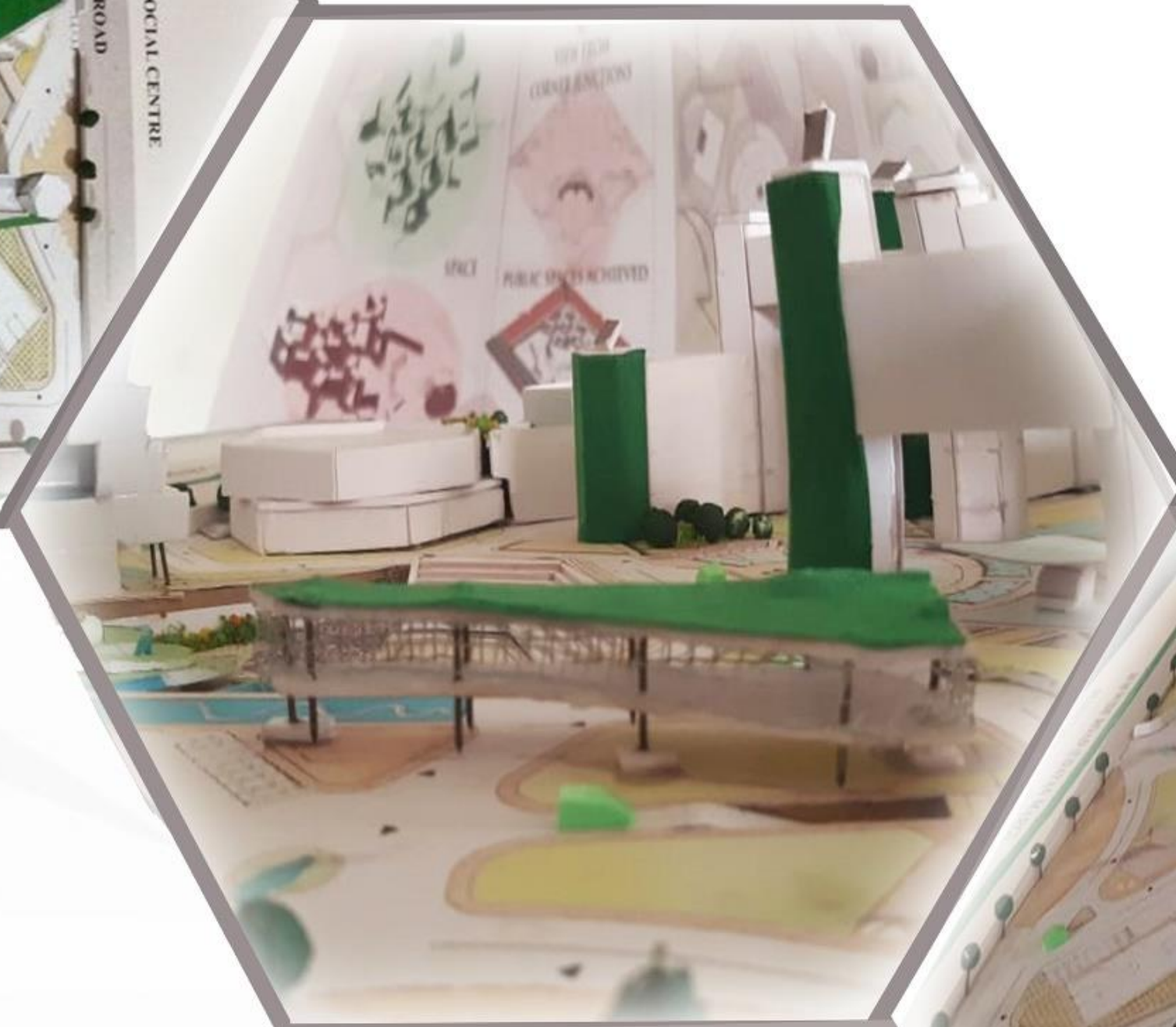
ARCHITECTURE THESIS 2018

Abstract

This Thesis work attempts to achieve the objective by highlighting the needs, importance and role of Public Spaces designed/ planned either within the respective site-complex or around built form by analysing their relationship with each other in a city's urban fabric. To understand this concept, an inevitable approach of Participatory Design process is adopted by me which further acted as a catalyst and enabled me to present a design proposal for the public.

The idea of selecting this topic emerged from my study / research on Public Spaces for the community during dissertation. Hence, it was a challenging yet inspiring experience for me to critically think and amalgamate the essence of an openness of spaces with the building so as to promote community integration and maintain a balanced inclusive environment at a meso level. Therefore, I come across with a design of centre with mixed-building use which is public cum institutional and also recreational which would be able to display the impact of its presence on people's mind along with the perception of its use in a developing city of Noida.

Significantly, the methodology formed for this design has resulted in a positive response from general public as it serves the purpose of Open Public Space to them and creates a peaceful working environment for all the end users of this place.



HABITAT CENTRE AT NOIDA
A COMMUNAL PUBLIC SPACE

SITE ANALYSIS : SURROUNDINGS, ACCESSIBILITY AND VEHICULAR MOVEMENT

- SITE DIMENSIONS** : 240 x 235 MTR
SITE AREA : 15 ACRES
SITE TOPOGRAPHY : PLAIN / FLAT
CLIMATE : COMPOSITE CLIMATE
DRAINAGE : GOVT. DRAIN N-W
WATER SUPPLY : FROM GOVT.
VEGETATION : NO VEGETATION
APPROACHABILITY : N, E, W & S

CONNECTIVITY

- 22 KM AWAY FROM ISBT DELHI,
- 28 KM FROM IGI AIRPORT DELHI,
- 1.5 KM FROM NOIDA CITY CENTER METRO STATION
- 27 KM AWAY FROM FARIDABAD,
- 19 KM AWAY FROM GHAZIABAD &
- 29 KM AWAY FROM GREATER NOIDA
- NOIDA CRICKET STADIUM SEC. 12 (2.6 KM)

SITE CONDITIONS :

BASIC INFRASTRUCTURE LIKE TELEPHONE AND ELECTRIC LINES ARE ALREADY LAID ALONG SITE DUE TO NEARBY RESIDENTIAL INSTITUTIONAL BLOCKS.



THESIS 2018



A.
SHILP HAAT AND BUNKAR BHAVAN CONST.



B.
ISKON TEMPLE



C.
PRAKASH HOSPITAL



D.
HIGH TENSION ELECTRIC LINE ABOVE GREEN BELT



E.
NALA / DRAIN

F.
NTPC TOWNSHIP

F.
NTPC TOWNSHIP



G.
SHIV DAYAL PUBLIC SCHOOL

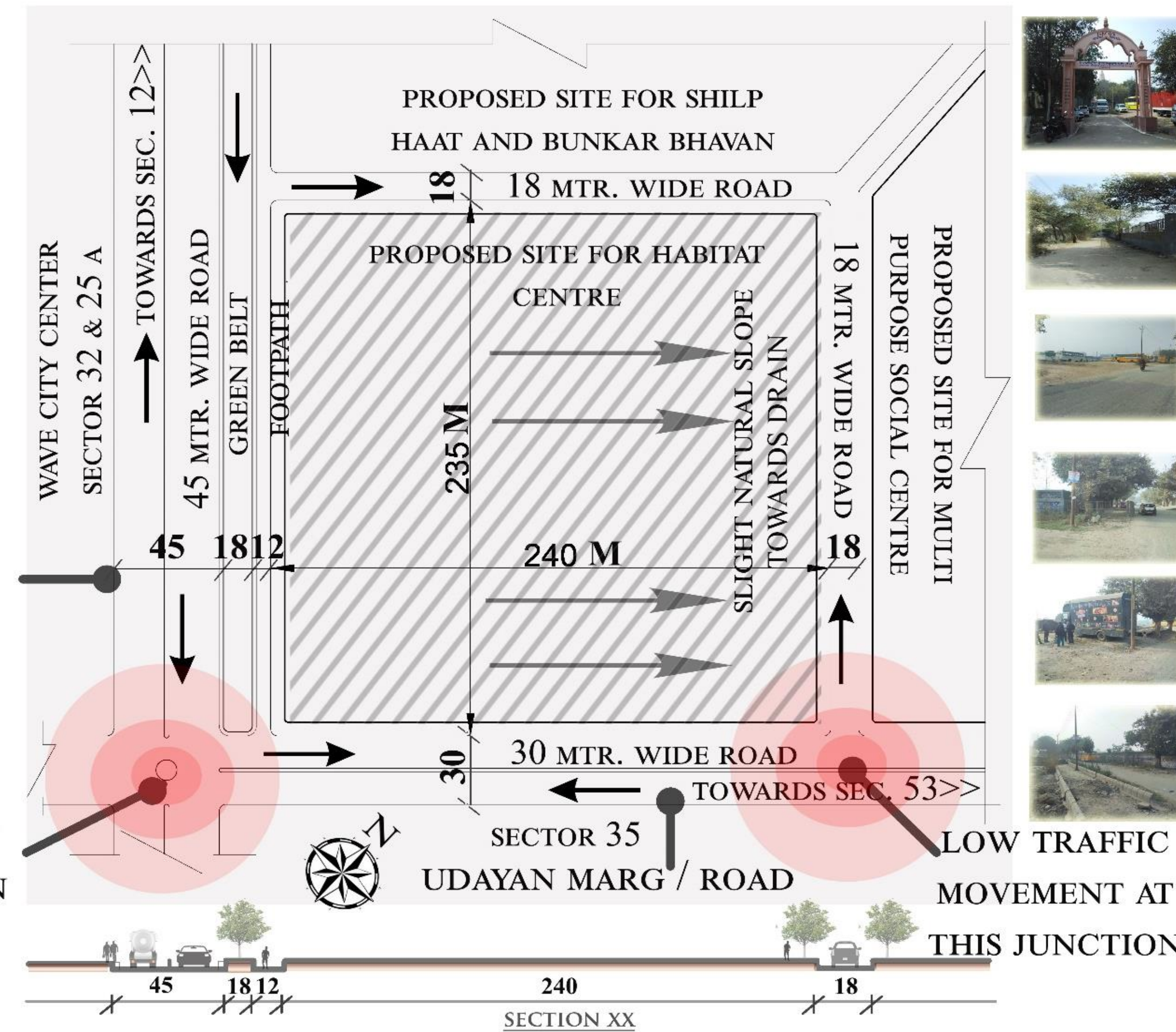


H.
GARIMA VIHAR SOCIETY



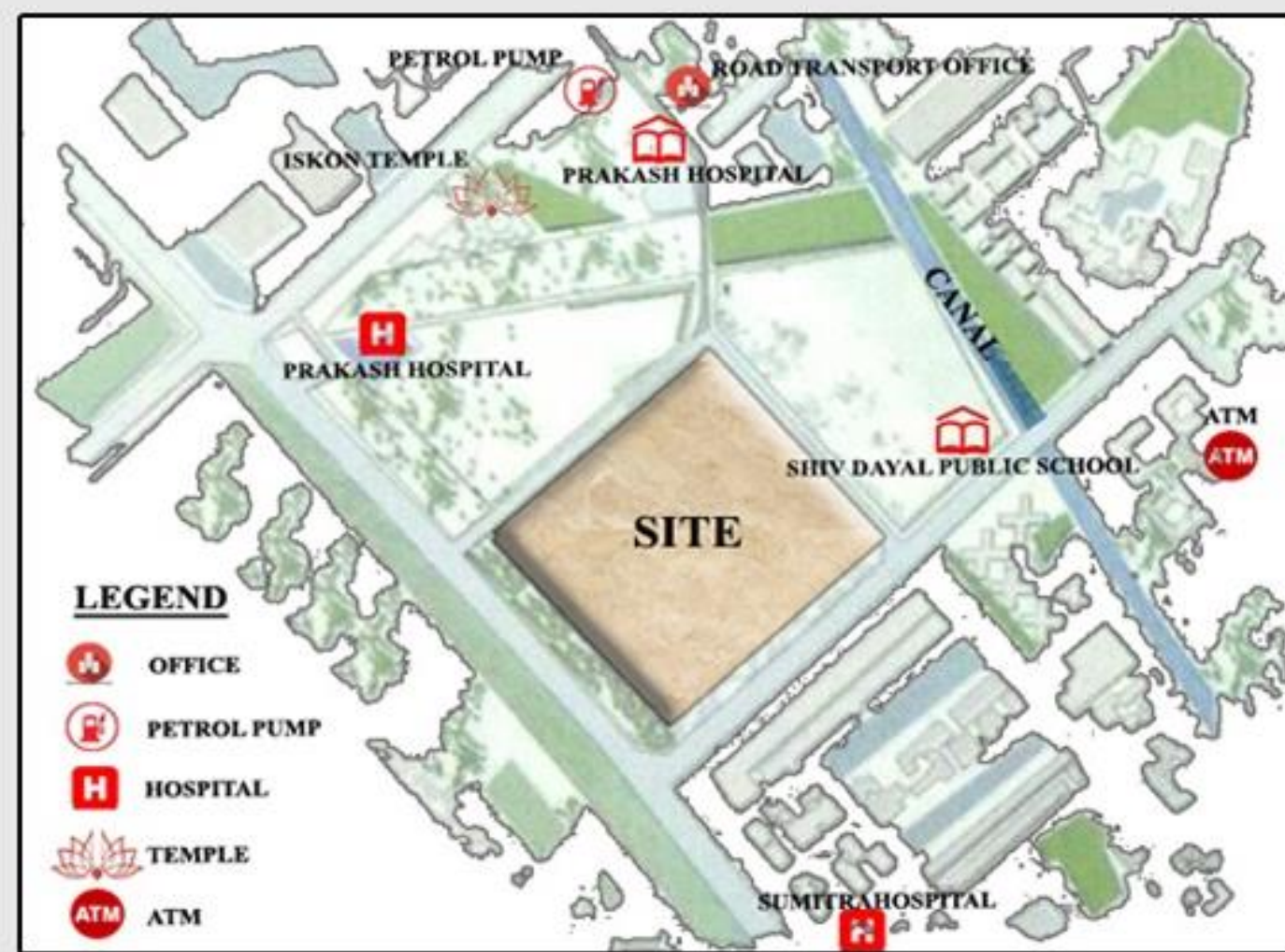
I.
WAVE CITY CENTER MALL / SHOPPING HUB

J.
BHOTIA MARKET / TIBETIAN MARKET

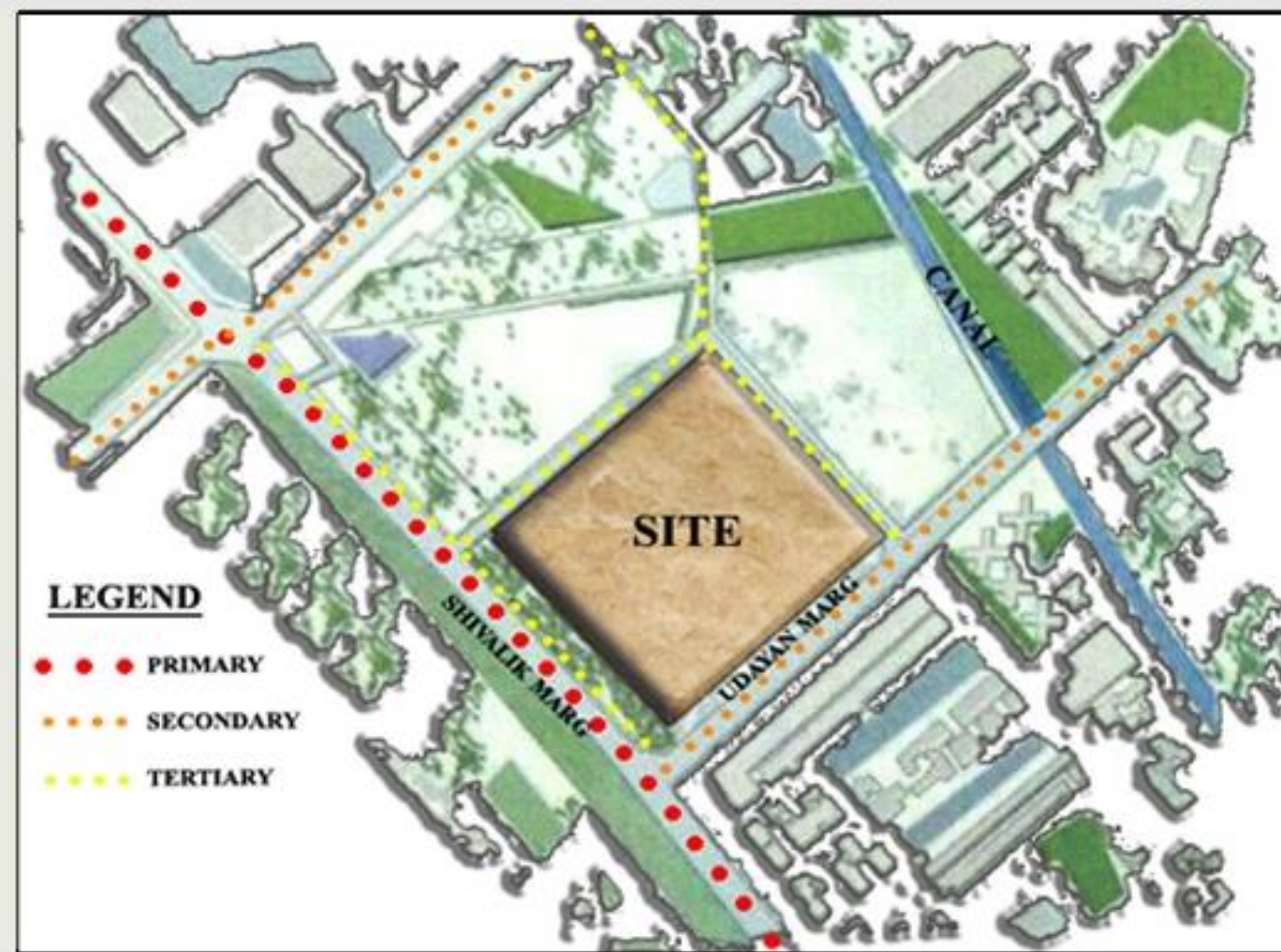


SITE ANALYSIS (SITE LOCATION : SECTOR-33 A, NOIDA, U.P.)

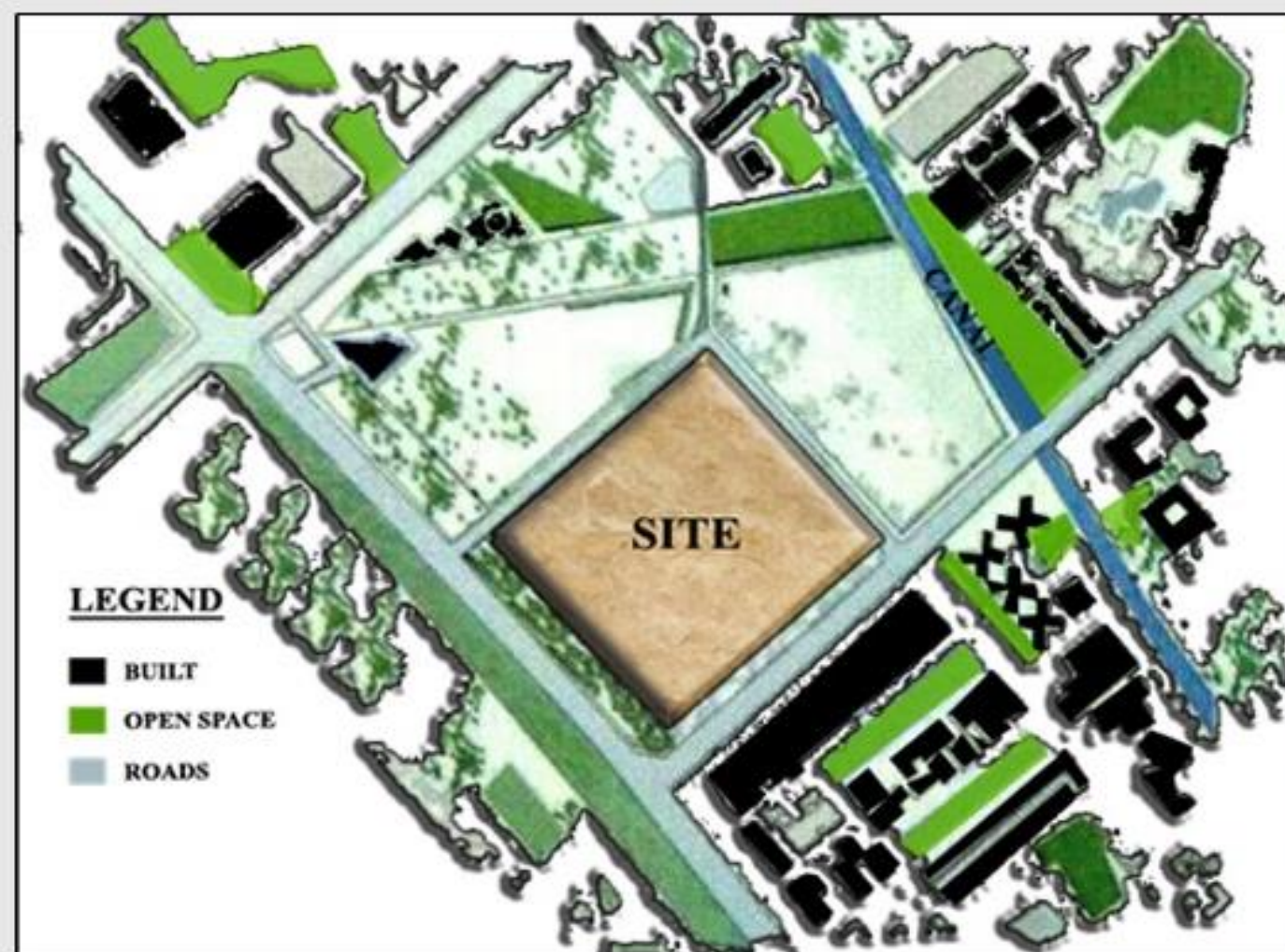
SWOT ANALYSIS



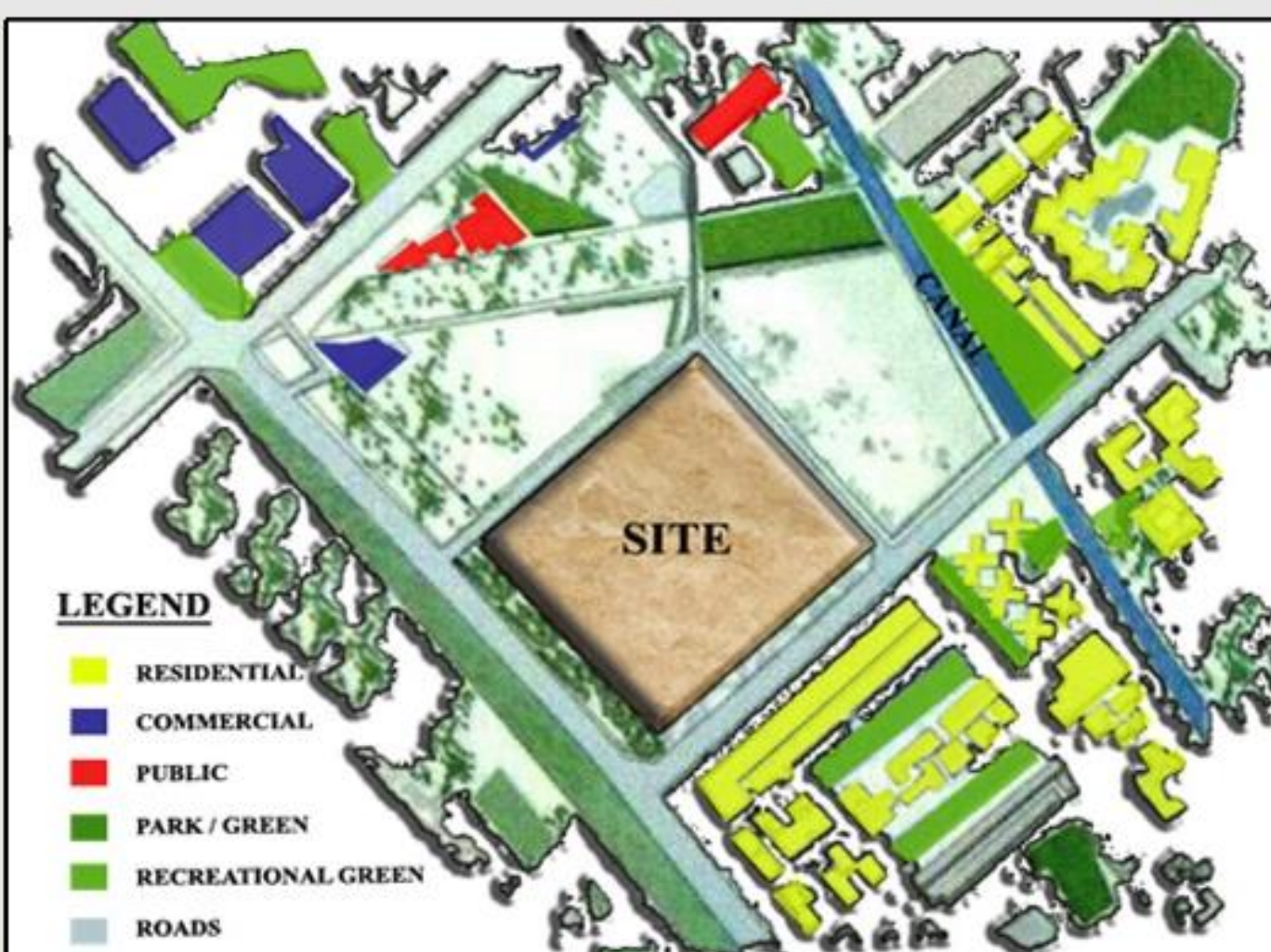
MAJOR LANDMARKS



ROAD HIERARCHY



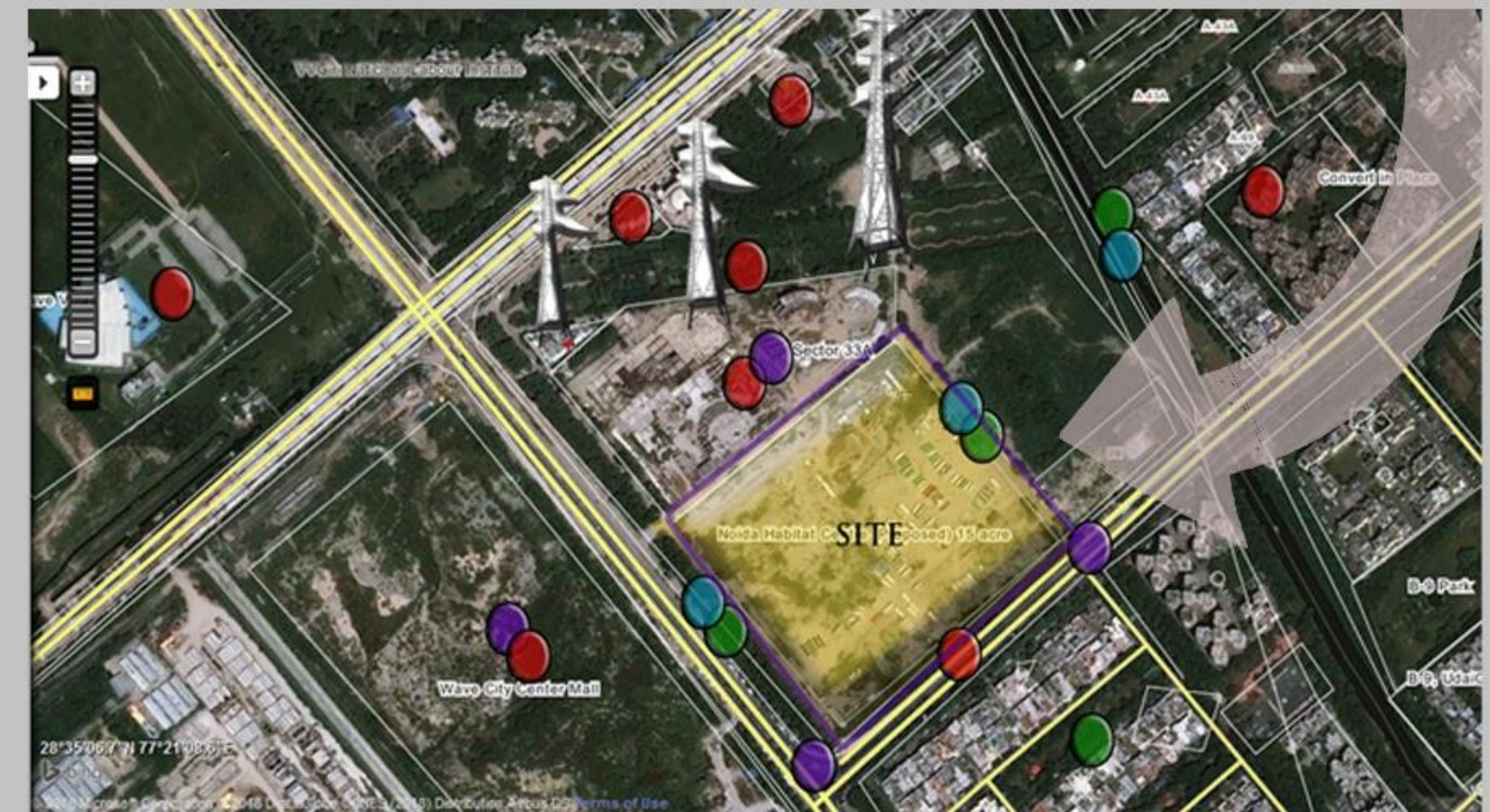
FIGUREGROUND



BUILDING USE

ANALYSIS

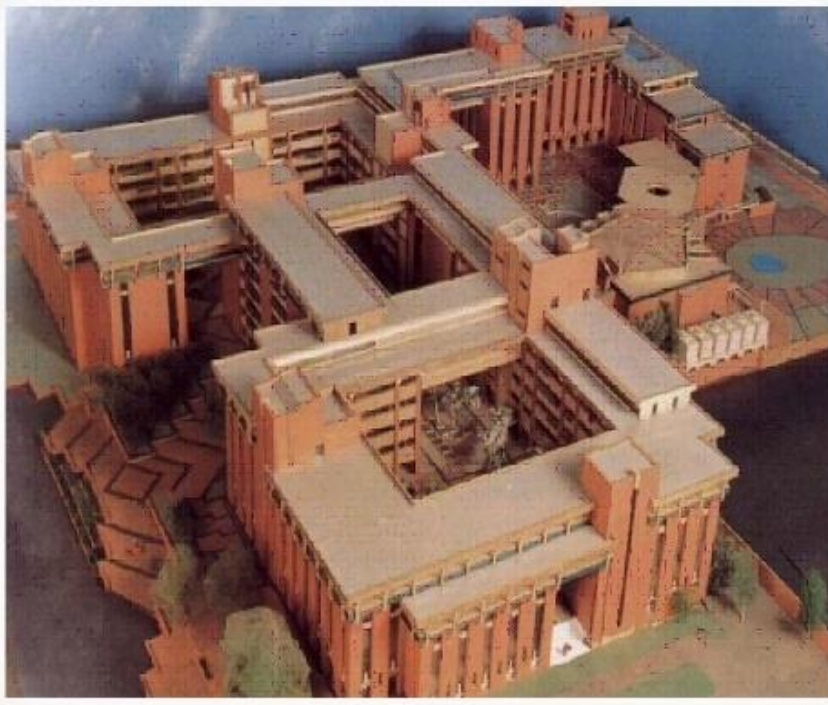
NEW OKHLA INDUSTRIAL DEVELOPMENT AUTHORITY :
 IT IS A PLANNED CITY IN INDIA UNDER THE MANAGEMENT OF THE NOIDA AUTHORITY. NOIDA IS FAMOUS FOR EXCELLENT ROADS AND ITS TALL BUILDINGS AND COMES 2ND IN INDIA AFTER MUMBAI IN THIS PARAMETER. IT IS ALSO AS CONSIDERED COUNTRY'S GREENEST CITY.



<p>S → PROJECT PROPOSED BY NOIDA AUTHORITY ITSELF</p>	<p>W → RESIDENTIAL APARTMENT IS JUST OPPOSITE TO SITE'S MAIN ENTRY</p>
<p>→ SCOPE OF ADVANCEMENT IS THERE AS NOIDA IS A DEVELOPING CITY</p>	<p>→ ONLY ONE PRIMARY ROAD FOR MAIN ENTRY. OTHER ARE SECONDARY</p>
<p>→ SITE IS EASILY APPROACHABLE VIA PUBLIC TRANSPORT AND NOIDA CITY METRO STATION IS NEARBY ALSO</p>	<p>→ OPEN CANAL / DRAIN IS AT THE NEARBY DISTANCE OF SITE USED FOR DUMPING THE WASTE</p>
<p>→ THE SEWERAGE WASTE SHOULD BE TREATED WHICH MAY GENERATE DISEASES</p>	<p>→ SQUARE SHAPED SITE WILL HELP IN DEVELOPING DESIGN ON AXIS AND GRIDS EASILY</p>
<p>→ THERE WILL BE MORE TRAFFIC AND FOOTFALL AROUND SITE AREA AS PER MASTER PLAN OF NOIDA 2031</p>	<p>→ THE WHOLE SECTOR IS DESIGNATED TO SOCIAL, TRADE AND ALSO DISPLAY / EXHIBITION PURPOSES.</p>
<p>T → SECURITY REASONS MAY ARISE IN FUTURE AS FOOTFALL WILL BE HIGH</p>	<p>O → PROPOSED SHILP HAAT AT JUST ADJACENT WILL COMPILMENT ITS</p>



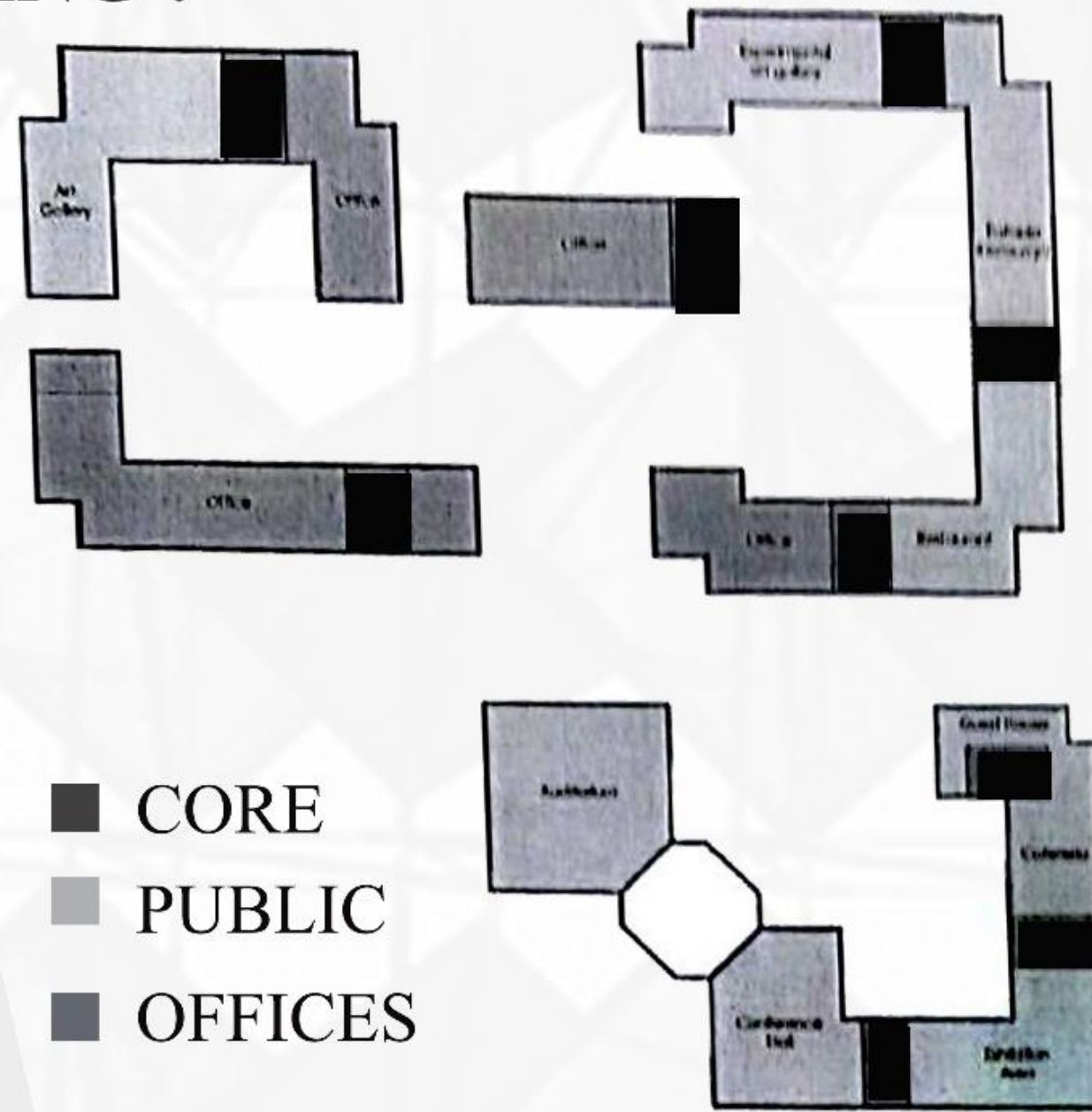
CASE STUDY (A) : INDIA HABITAT CENTRE, NEW DELHI



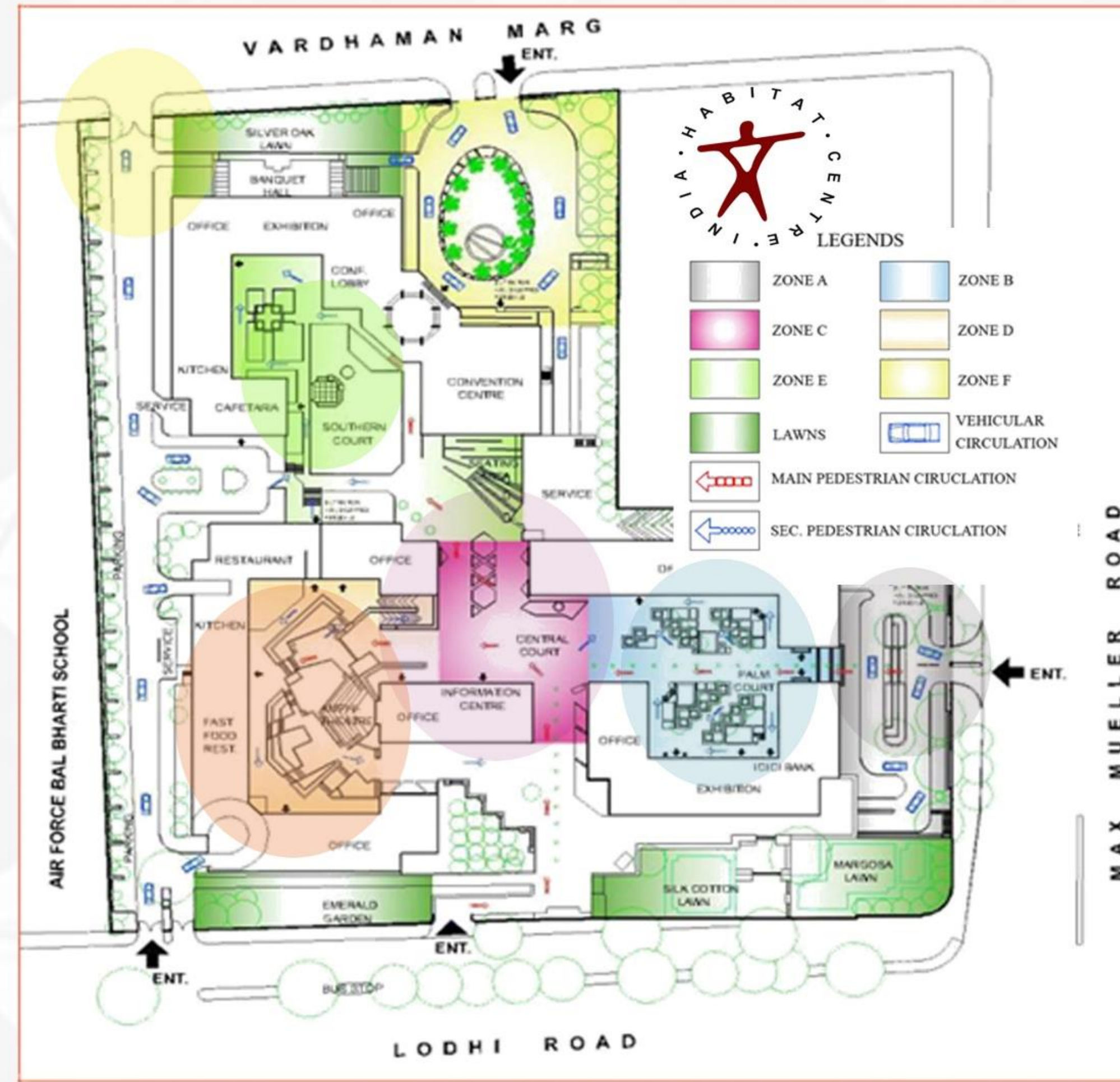
PLANNING :

GROUND FLOOR HAS OFFICES, INFORMATION CENTRE, PALM COURT, RESTAURANTS, ICICI BANK, FIRST AID, PLAZA, THE STEIN AUDITORIUM, EXPERIMENTAL ART GALLERY, AMPHITHEATRE, VISUAL ART GALLERY, GUEST ROOMS, CONFERENCE LOBBY AND LAWNS.

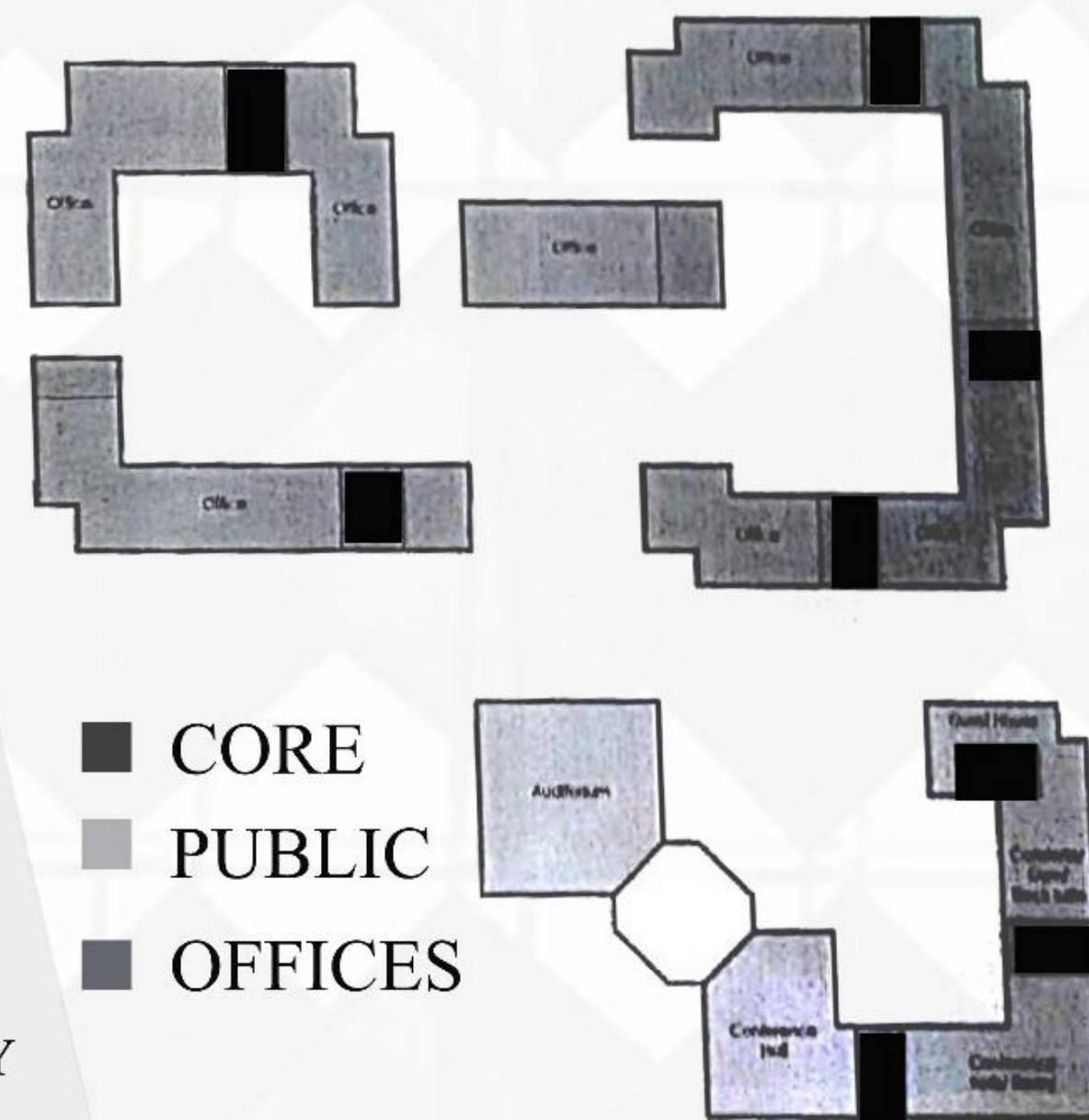
ZONING :



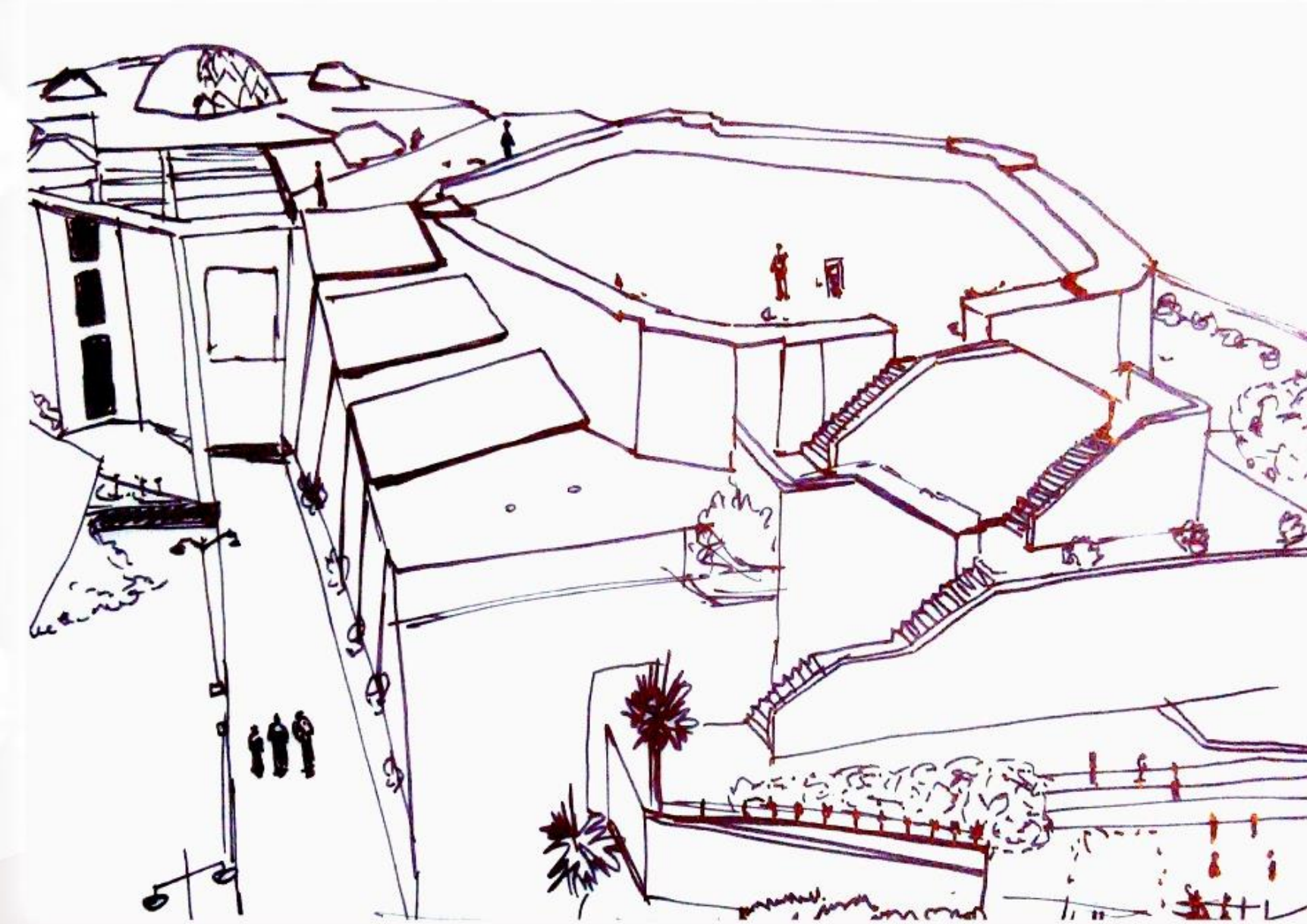
GROUND FLOOR PLAN



VIEW OF SOUTH COURT / ZONE E (PLAZA)



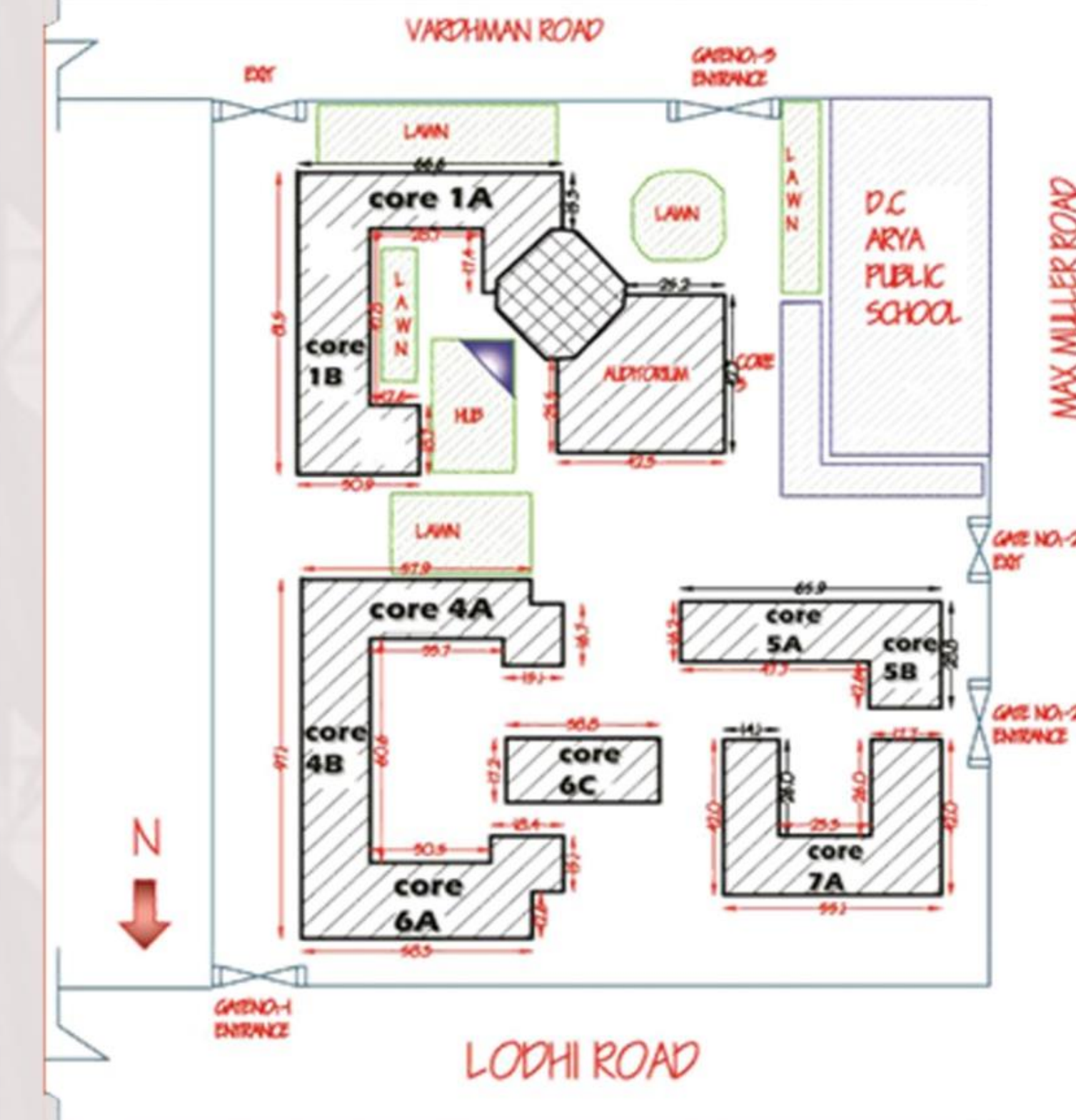
TYPICAL FLOOR PLAN



MATERIALS USED :

BRICK TILES, CERAMIC TILES, KAREGI, HOLLOW CONCRETE BLOCKS, METAL SHEETS, RED STONE, WOOD ETC

BUILDING UNITS :



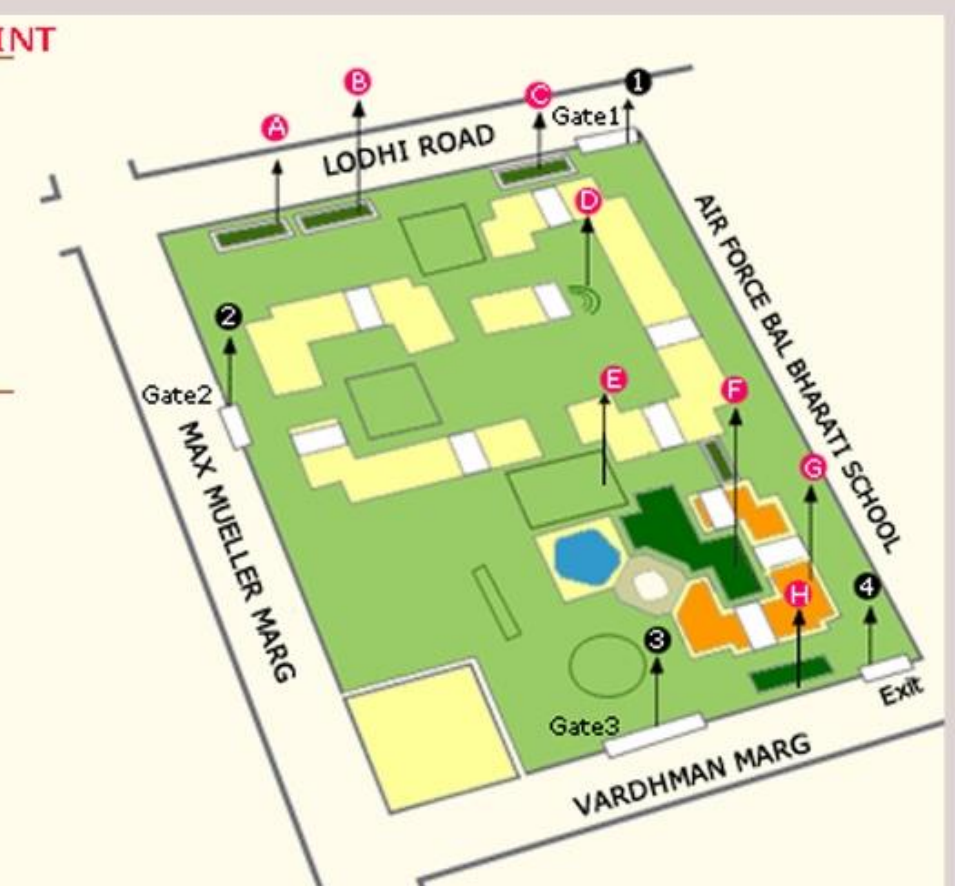
LANDSCAPING :



LOCATION FOOTPRINT

- 1 Margosa Lawn
- 2 Silk Cotton Lawn
- 3 Emerald Garden
- 4 Amphitheatre
- 5 The Plaza
- 6 The Hub
- 7 Convention Centre
- 8 Silver Oak Lawn

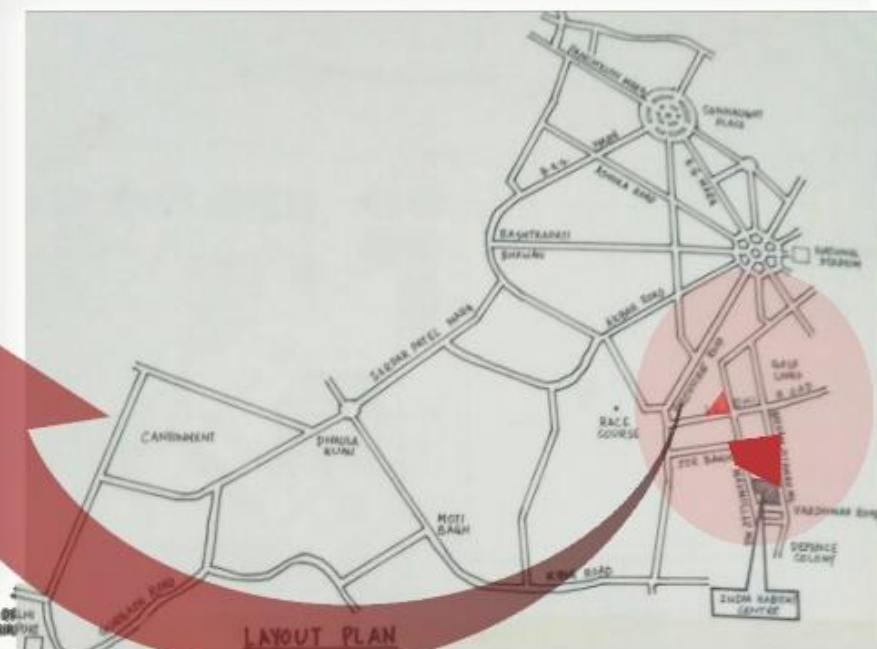
- GATES
- 1 Gate 1
 - 2 Gate 2
 - 3 Gate 3
 - 4 Gate 3 A



PROJECT DESCRIPTION

SITE AREA	9.6 ACRES
ARCHITECT	J.A. STEIN
CLIENT	IHC, DELHI
STRUCTURE	SIRISH PATEL ASSOC.
STRUCTURE TYPE	R.C.C FRAME
BUILDING TYPE	EDUCATIONAL PUBLIC / CULTURAL
YEAR	1993
BUILT UP AREA	53156 SQ.M
1ST BASEMENT	18819 SQ.M
2ND BASEMENT	18512 SQ.M
CAR PARKING	1000 CARS
TOTAL COST	100 CRORES

LOCATION :



THE INDIA HABITAT CENTRE IS LOCATED ON LODHI ROAD, NEW DELHI. THE HABITAT CENTRE HAS MAX MULLER ROAD ON ONE SIDE AND VARDMAN ROAD ON OTHER SIDE.

ACCESSIBILITY :

INDIA GATE	4 KM	OLD DELHI RAILWAY STATION	12 KM
DIPLOMATIC ENCL. C.P.	4 KM	NEW DELHI RAILWAY STATION	8 KM
IGI AIRPORT	18 KM		

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PRIMARY CASE STUDY - 1 (a)

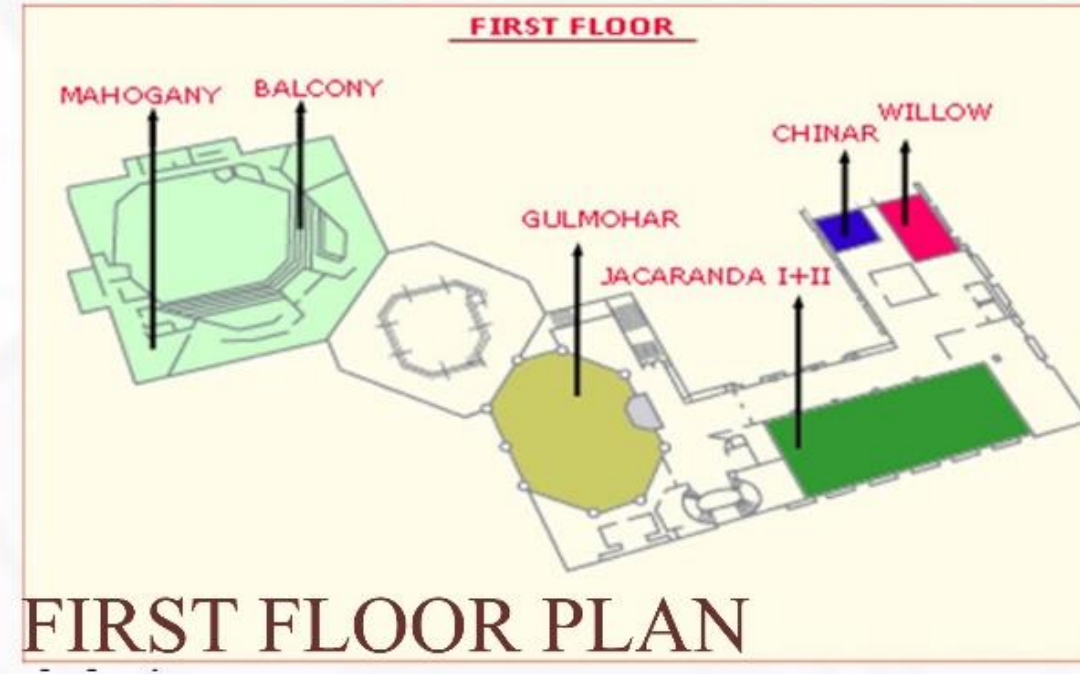
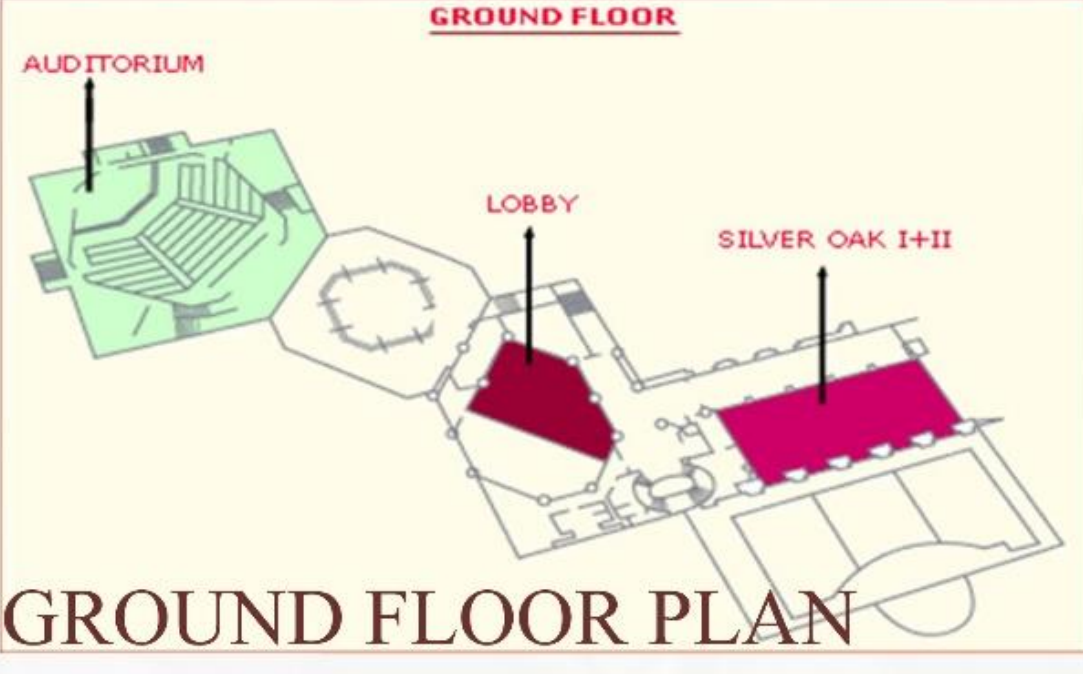
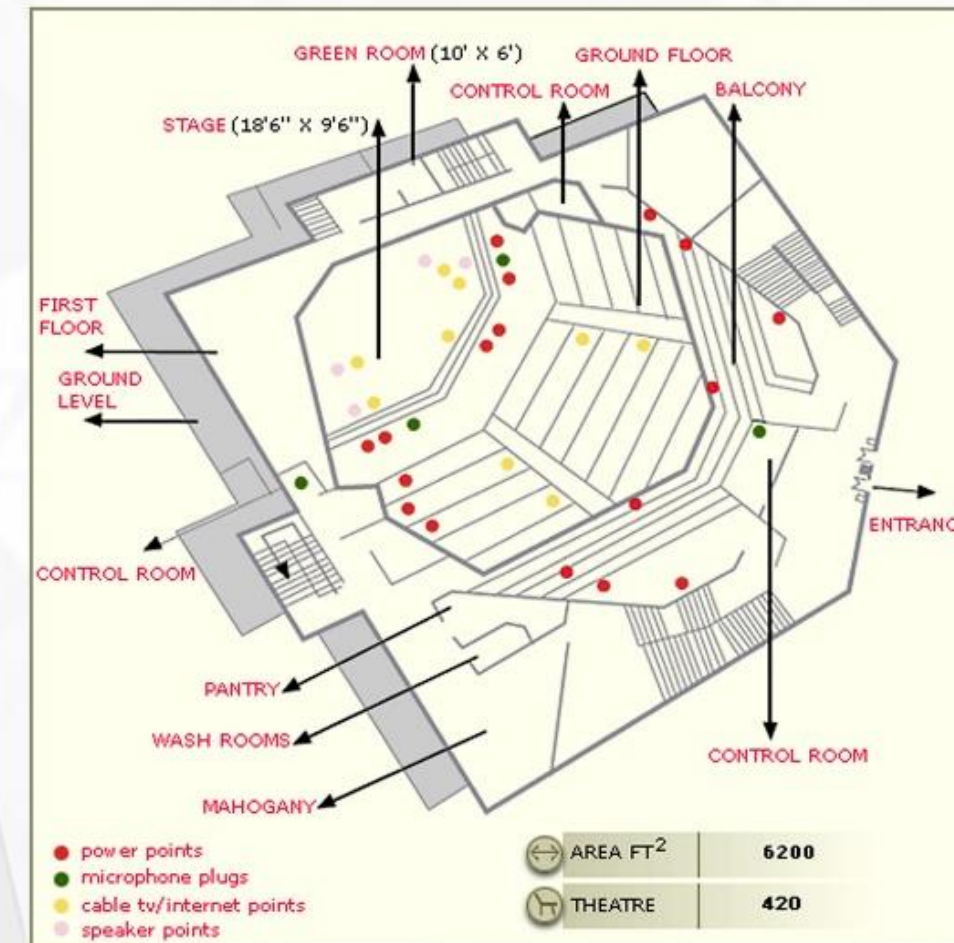
CASE STUDY (A) : INDIA HABITAT CENTRE, NEW DELHI

STRUCTURE

USE OF RCC FRAME WITH AN INFILL OF CONCRETE BLOCK, AND BRICK CLADDING. INDIA HABITAT CENTRE EMPLOYS A COVERING PROCESS, WHERE ROUGH STRUCTURAL WORK IS COVERED WITH FINER FINISHING MATERIALS.

THE STEIN AUDITORIUM :

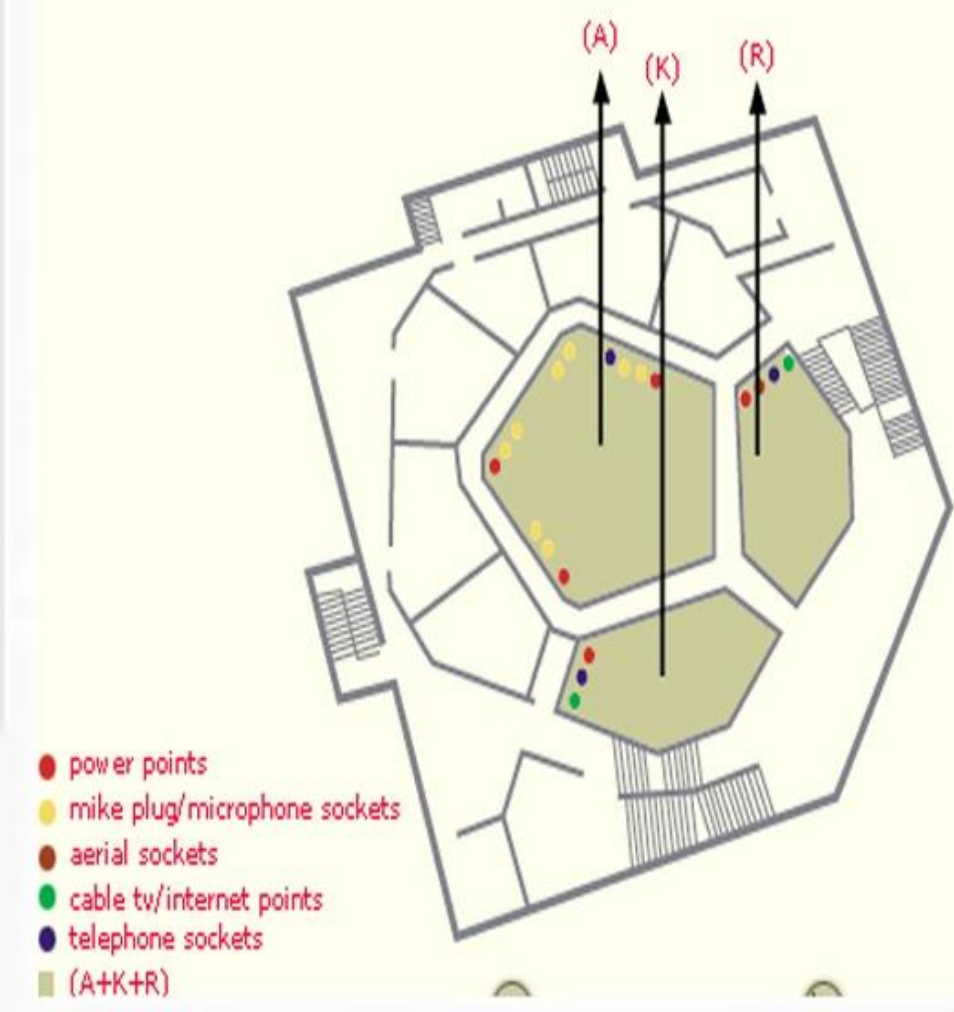
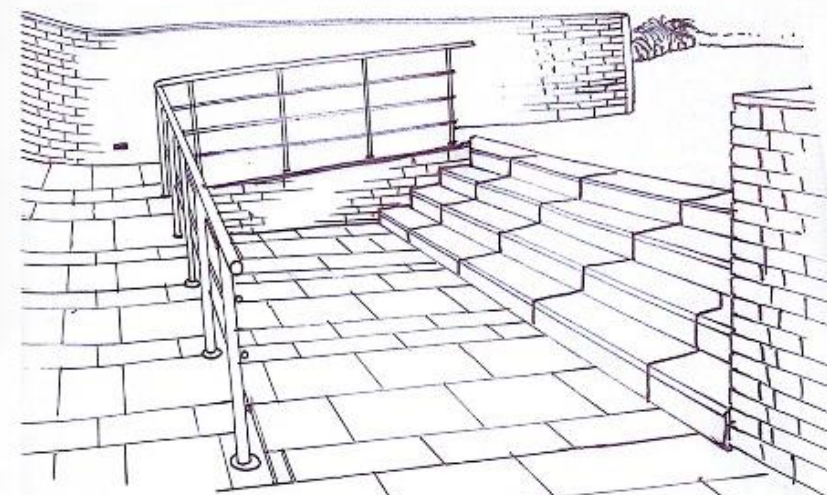
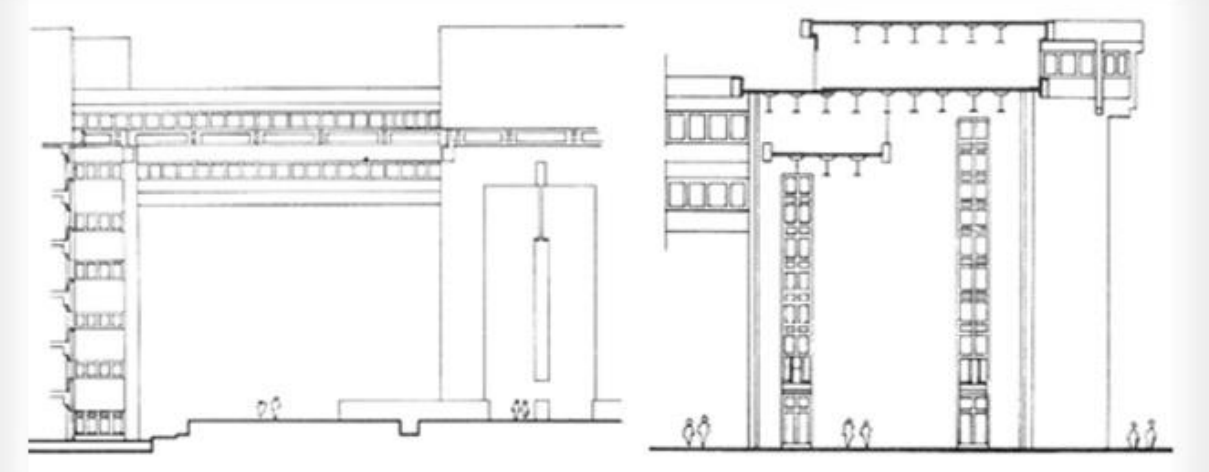
THE CENTRALIZED AIR CONDITIONED HALL IS IDEAL FOR LARGE CONFERENCES, SEMINARS, FILM SCREENING, PRESENTATIONS, THEATRES AND CULTURAL PERFORMANCES OF ALL KINDS.



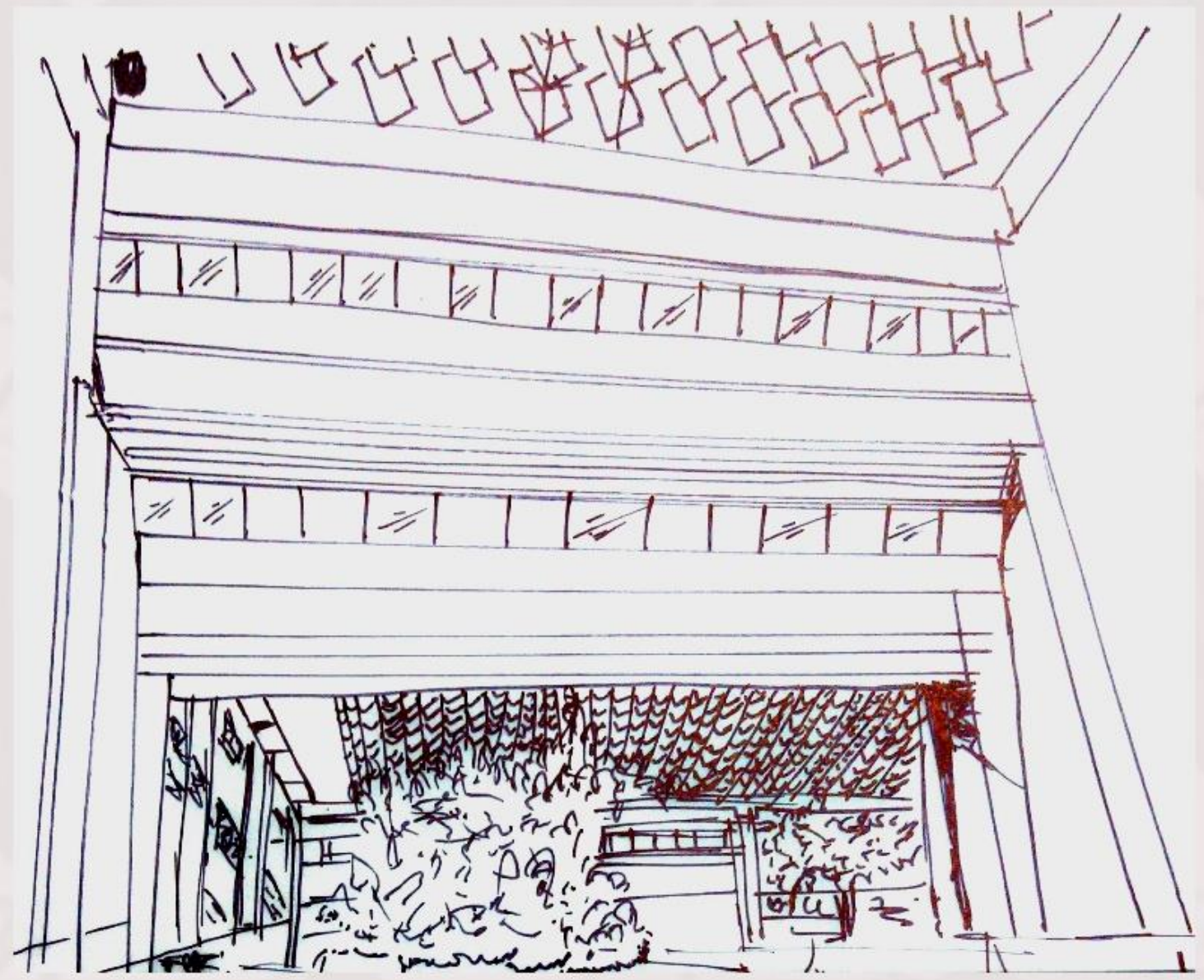
MAIN AUDITORIUM IS ALSO PROVIDED WITH MAHOGONY ROOM, A HALL SUITED FOR SMALL GATHERING WITH ATTACHED KITCHENETTE AND WASHROOM APART FROM CONTROL ROOMS AND PROJECTOR ROOM ON THE FIRST FLOOR.

- GREEN ROOMS LACK THE USUAL REQUIREMENT OF TOILET
- GROUND FLOOR ALSO HAS OFFICES AND COFFEE LOUNGE
- AREA OF THIS AUDITORIUM IS 6200 SQ.FT AND IT HAS A CAPACITY OF 420
- DOUBLE WALL SYSTEM AVOID SOUND DISTURBANCES FROM OUTSIDE
- THE LEVEL DIFFERENCE BETWEEN TWO SEAT PLATFORMS IS 1'-6" WHICH MAKES VIEWING ABSOLUTELY OBSTRUCTION FREE. THE AUDITORIUM IS ALSO PROVIDED

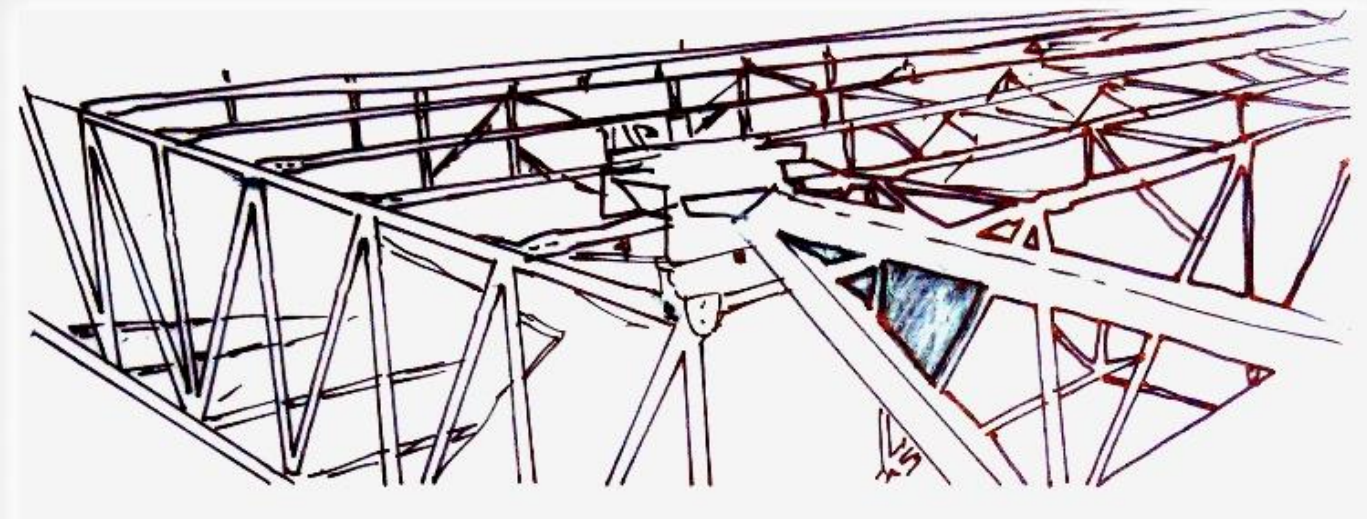
THE THEATRE- AMALTAS, KADAMBA, RUDRAKSHA



BRIDGE CONNECTION :



PARKING



SILVER OAK



SILVER OAK IS LOCATED ON THE GROUND FLOOR, IS USED FOR EXHIBITIONS, CONFERENCES, SEMINARS ETC. THE HALL COULD EVEN BE DIVIDED INTO TWO SECTIONS AND ALSO HAS OUTDOOR ATTACHMENTS IN THE FORM OF PATIO AS WELL AS GARDEN SPACE.



AREA ANALYSIS :

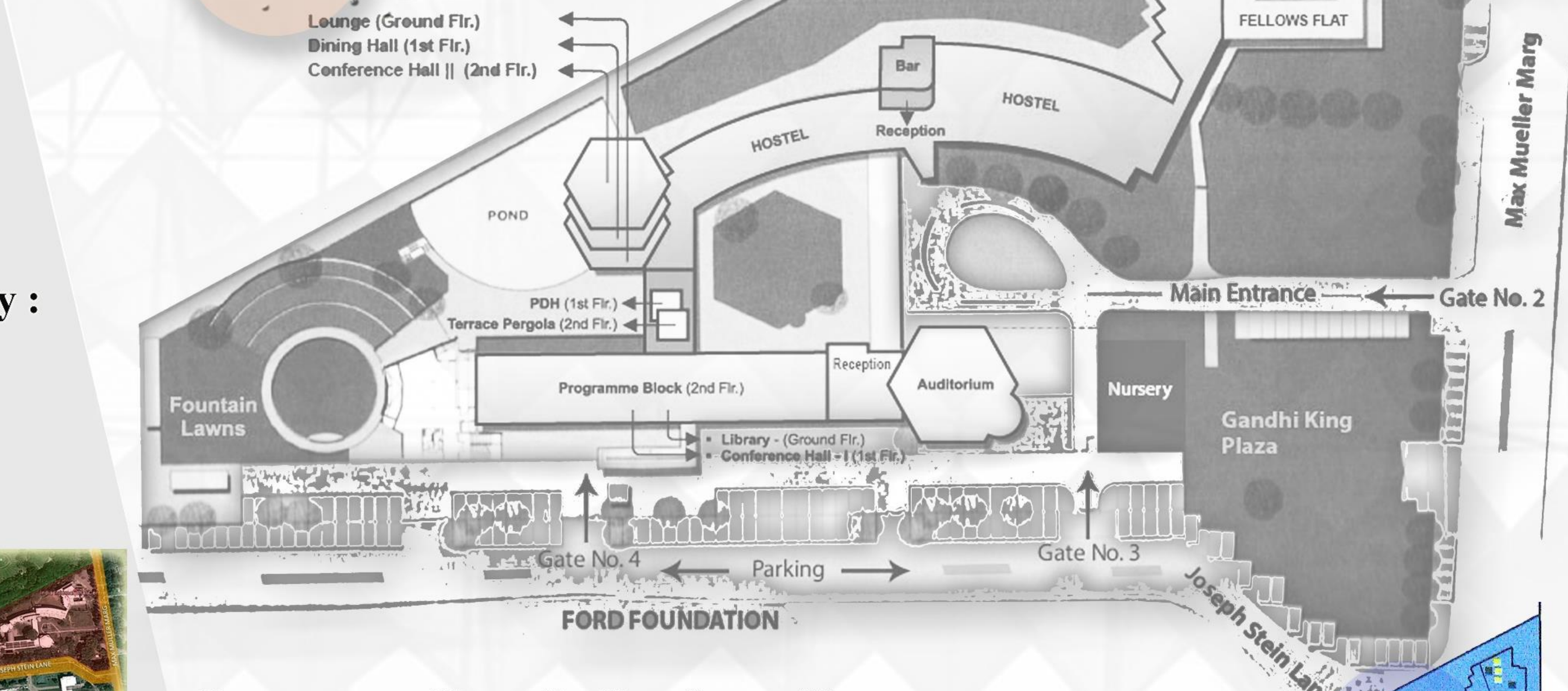
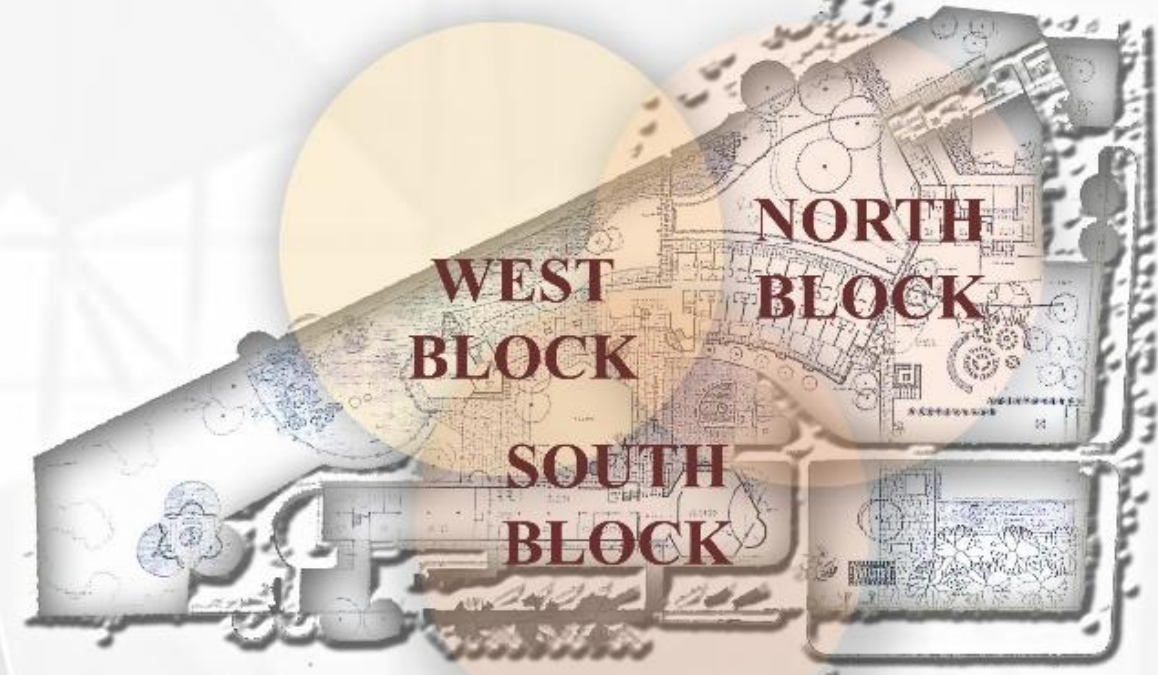
S. no.	AREA	LEVEL	AREA (SQ.FT.)	SITTING
1.	Auditorium	Ground	6206	537
2.	Amaltas	Basement	1337	120
3.	Kadamba	Basement	410	30
4.	Rudraksha	Basement	410	30
5.	Mahogany	Basement	450	25
6.	Casuarina	Basement	1412	-
7.	Chinar	1 st floor	312	25
8.	Gulmohar	1 st floor	2728	-
9.	Silver oak 1	Ground floor	1335	100
10.	Silver oak 2	Ground floor	813	70
11.	Silver oak lawn	-	6163	-
12.	willow	1 st floor	582	50
13.	Palm court	Ground	16170	-
14.	Art gallery	Ground floor	3616	-
15.	Margosa lawn	Ground	5200	-
16.	Silk cotton garden	Ground	2700	-
17.	The Amphi theatre	Ground	300	-
18.	The hub	Ground	9500	-
19.	The plaza	Ground	4000	-
20.	Jacaranda 1	1 st floor	1335	100
21.	Jacaranda 2	1 st floor	1335	100
22.	Magnolia	Basement	1428	100

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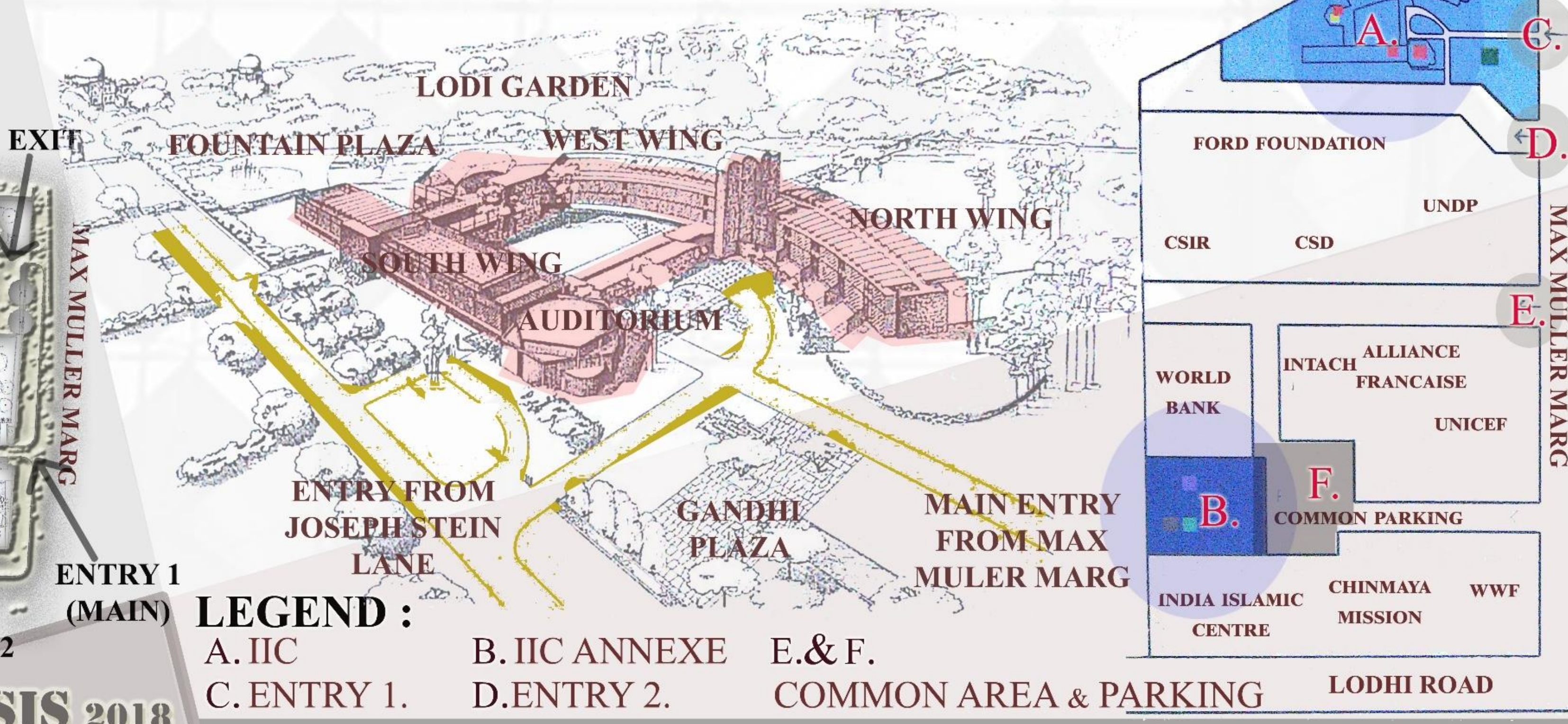
PRIMARY CASE STUDY - 1 (b)

CASE STUDY (B) : INDIA INTERNATIONAL CENTRE, NEW DELHI

SITE ZONING AND BUILDING UNITS :



PERSPECTIVE VIEW OF THE SITE & NEIGHBOURHOOD



- LEGEND :**
- A. IIC
 - B. IIC ANNEXE
 - C. ENTRY 1.
 - D. ENTRY 2.
 - E. & F. COMMON AREA & PARKING

PLANNING :

- THE BUILDING BLOCK ARE CONNECTED TO EACH OTHER BY MEANS OF COVERED PASSAGES .
- THE MAIN PASSAGE BETWEEN THE PROGRAMME BLOCK AND THE RESIDENTIAL BLOCK SERVES AS AN ENTRANCE FOR THE VISITORS.
- THE PATHWAYS AROUND THE BUILDINGS ARE BRILLIANTLY PLANNED, LINED WITH EITHER GARDEN OR THE WATER BODIES. THE WHOLE COMPLEX IS BEAUTIFULLY LANDSCAPED TO REDUCE THE HARSH CLIMATIC EFFECT UP TO AN EXTENT.

FEATURES OF IIC :

Grid of images showing various features of the IIC:

- PRIVATE DINING AREA
- ART GALLERY
- AUDITORIUM
- CONSTRUCTION STAGE
- EXTERIOR / FACADE
- COVERED PATHWAY ROOF
- LIBRARY BOOK SHELVES
- LIBRARY INTERIOR VIEW
- INTERIOR (GUEST ROOM)
- CORRIDOR JALLI DESIGN



PROJECT DESCRIPTION

SITE AREA	4.6 ACRES
ARCHITECT	J.A. STEIN
F.A.R.	1.75
GROUND COVER	25%
AUDITORIUM	231 PERSON
RESIDENTIAL	48 SINGLE, 25 DOUBLE
YEAR	1962

Location and accessibility :



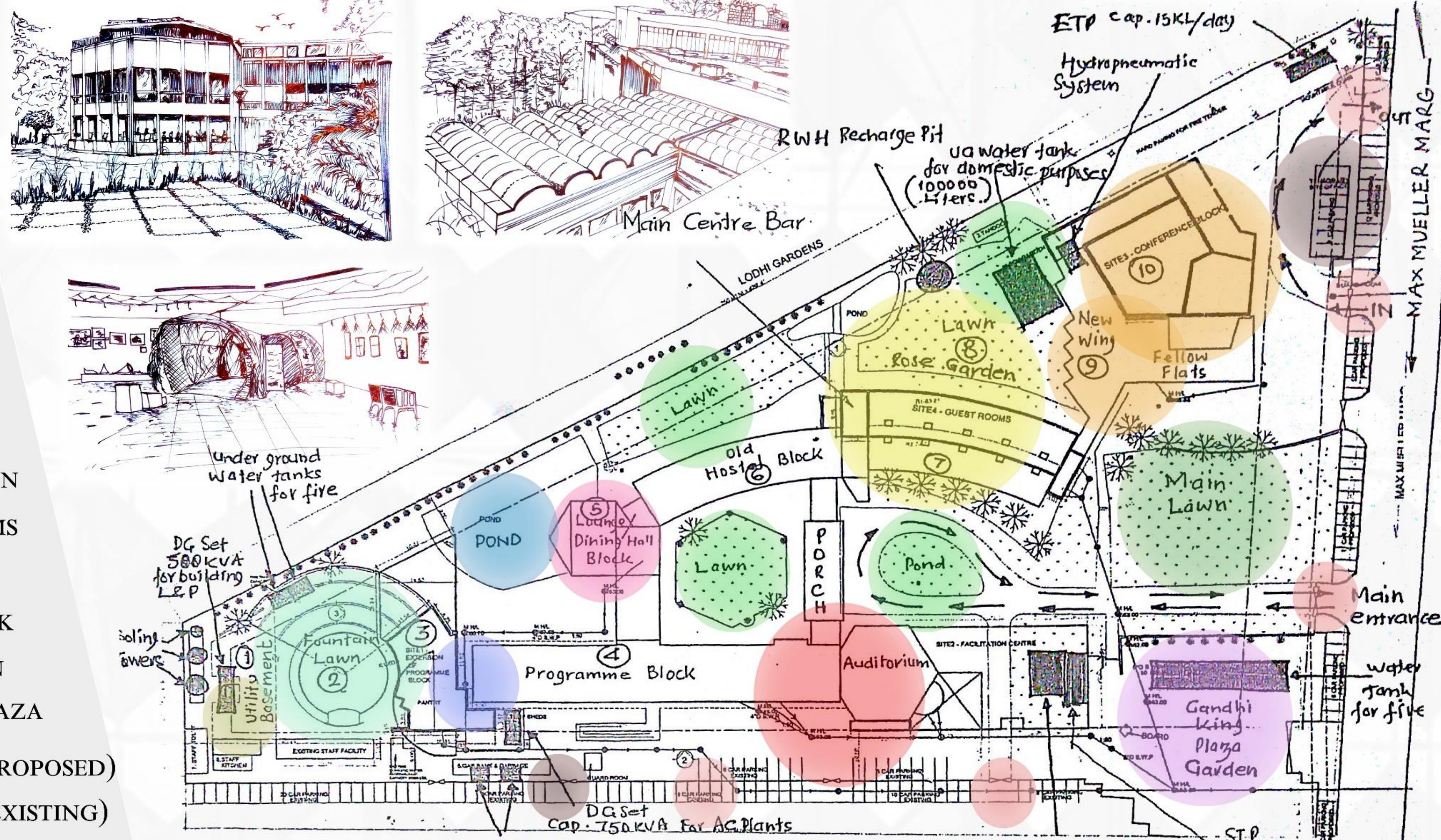
THE INDIA INTERNATIONAL CENTRE (IIC) IS LOCATED ON MAX MULLER MARG, NEW DELHI ADJACENT TO LODHI GARDEN OVERLOOKING A MAGNIFICENT LANDSCAPING OF THE GARDEN.



CASE STUDY (B) : INDIA INTERNATIONAL CENTRE, NEW DELHI

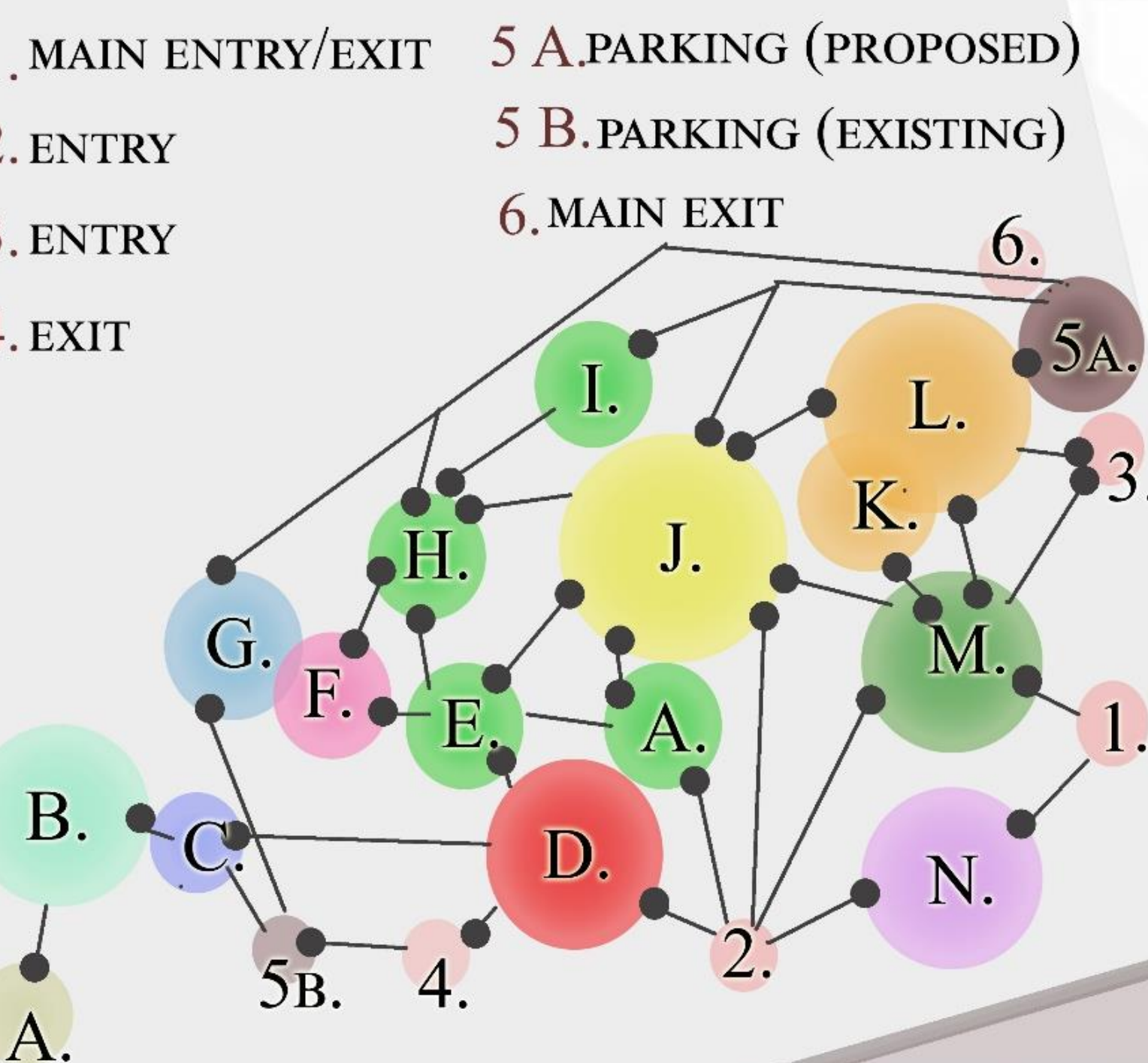
INFERENCE :

- BEST USE OF HARDSCAPE & SOFTSCAPE.
- GREEN AREA IS PROVIDED NEAR TO ALL BUILDING BLOCKS.
- CONCRETE TILES ARE USED TO CUT THE DIRECT SUN.
- RAMPS ARE PROVIDED WITH EASY ACCESS AND CIRCULATION.
- GRASS PAVERS ARE USED TO PROVIDE GREENRY WITH HARD SURFACE.
- CIRCULATION IS GOOD.
- PARKING IS AVAILABLE ON GATES.



CONNECTIVITY DIAGRAM :

- A. UTILITY BASEMENT H. LAWN
- B. FOUNTAIN LAWN I. ROSE GARDEN
- C. PEBB BLOCK J. GUEST ROOMS
- D. PROGRAMME BLOCK K. NEW WING
- E. LAWN L. CONF. BLOCK
- F. DINING HALL BLOCK M. MAIN LAWN
- G. POND N. GANDHI PLAZA



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REQUIREMENTS & AREA ANALYSIS

s.no	Facility	Area(sq.ft)	Person	No. of rooms
1	Auditorium	3369	240	
2	committee room 1		35	
3	committee room 2		25	
4	conference room 1	1022	50+20	
5	conference room 2	1225	35+10	
6	library	5000	50	
7	kitchen	4235		
8	P D hall	772	35+10	
9	Dining Hall	1980	110+10	
10	Reception			
11	Lounge	1200	80+10	
12	Bar	522	40	
13	Hostel rooms			
	single rooms 1 to 10 & 21 to 30	173		19 rooms
	single rooms 11 to 20 & 31 to 39	205		19 rooms
	double rooms 53 to 67	175		15 rooms
	double room 40	522		1 room
	double room 41 to 52	405		12 rooms
	flat 1	541		
	flat 2	541		
	GM flat 68 to 70	500		
14	rose garden		300/350	
15	central court		120	
16	central court		120	
17	terrace pergola		55	

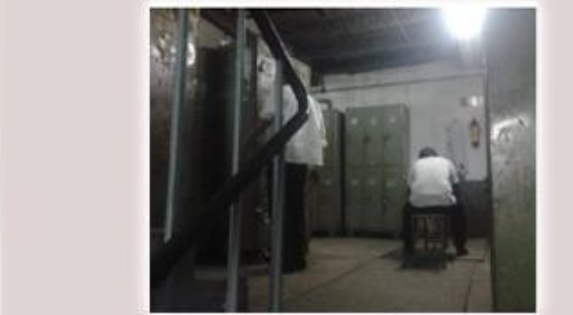
	New Building	
1	multipurpose hall	3630
2	pre functional area- 1	1224
3	pre functional area- 2	1282
4	conference room	620
5	seminar room 1	620
6	seminar room 2	945
7	pre functional area- 1	2152
8	pre functional area- 2	
9	art gallery	1380
10	member facilities	2886
11	pre functional area	1195
12	centralized booking office	818

SERVICES :



PARKING : 4 WHEELERS - 150
2 WHEELERS - 50

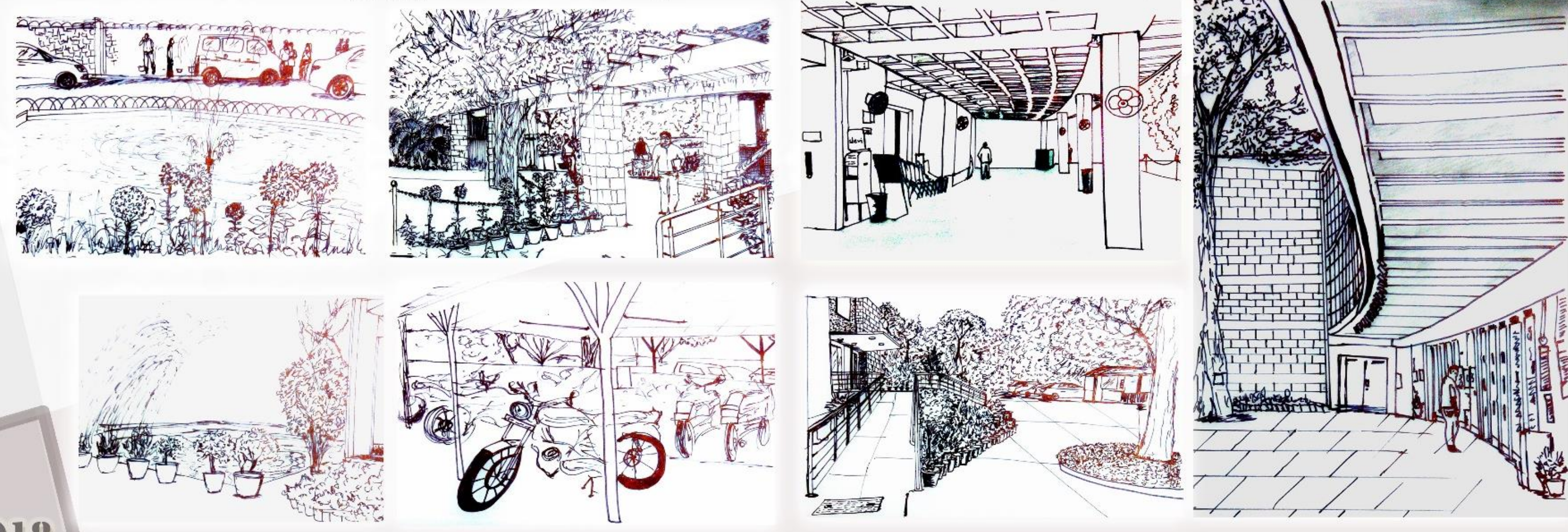
STAIRCASE AND RAMP : DOG LEG & ELIPTICAL, RAMP =1:10



LOCKERS : LOCKERS ARE PROVIDED FOR THE WORKING STAFF.



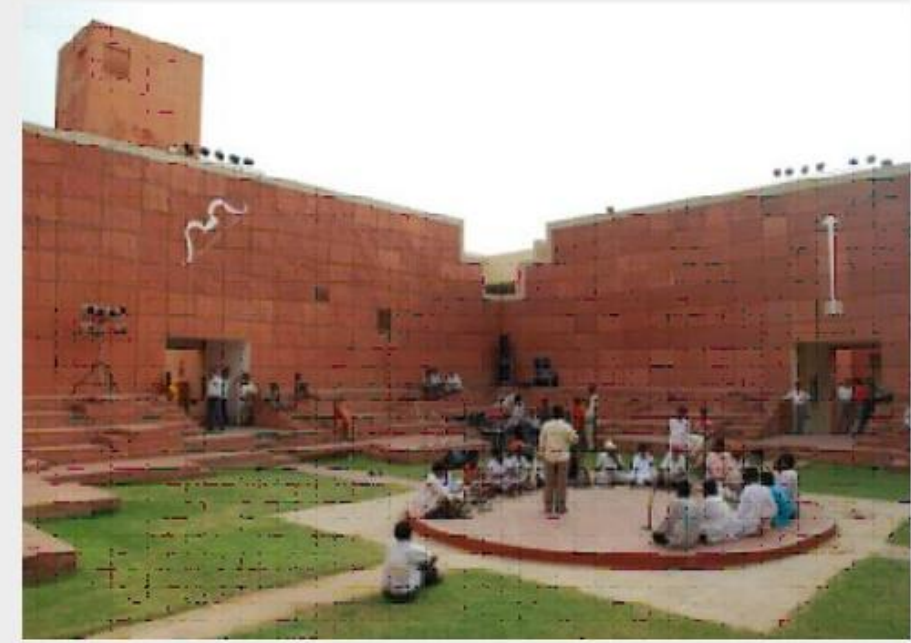
SEWAGE SYSTEM: CAPACITY OF 100 KL. WATER PER DAY.



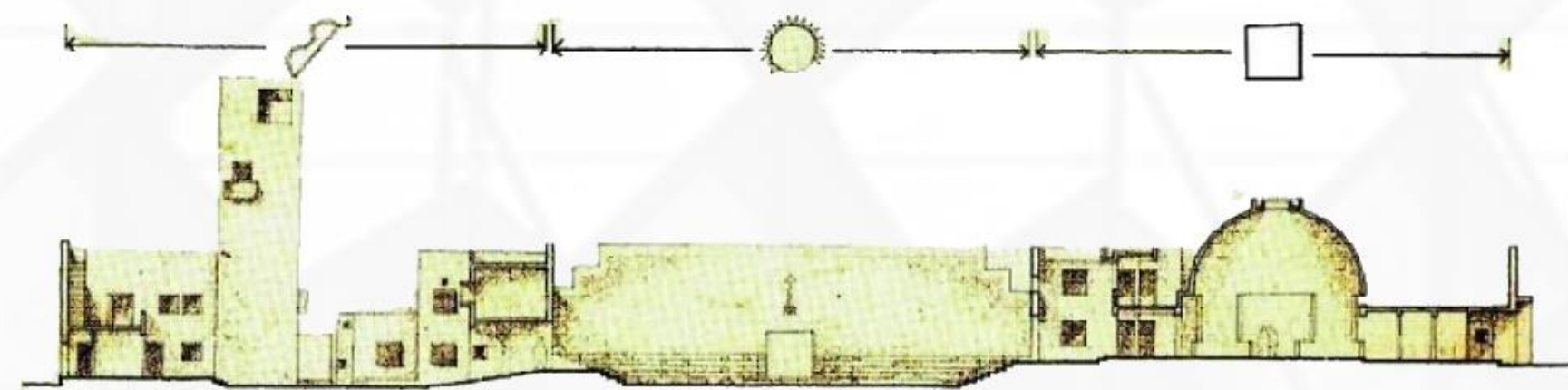
PRIMARY CASE STUDY - 2 (b)

CASE STUDY (C): JAWAHAR KALA KENDRA, JAIPUR

CONCEPT OF THE DESIGN AND INTERIORS :



PLAN OF JAIPUR CITY



SECTION XX



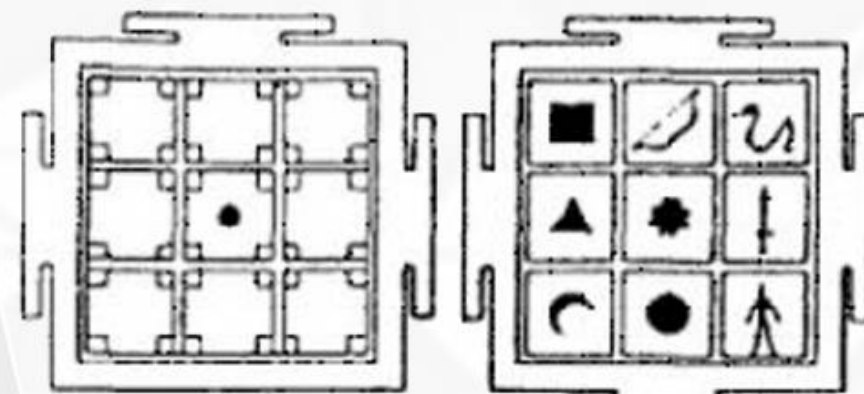
● MORE ACTIVE AREAS
● LESS ACTIVE AREAS



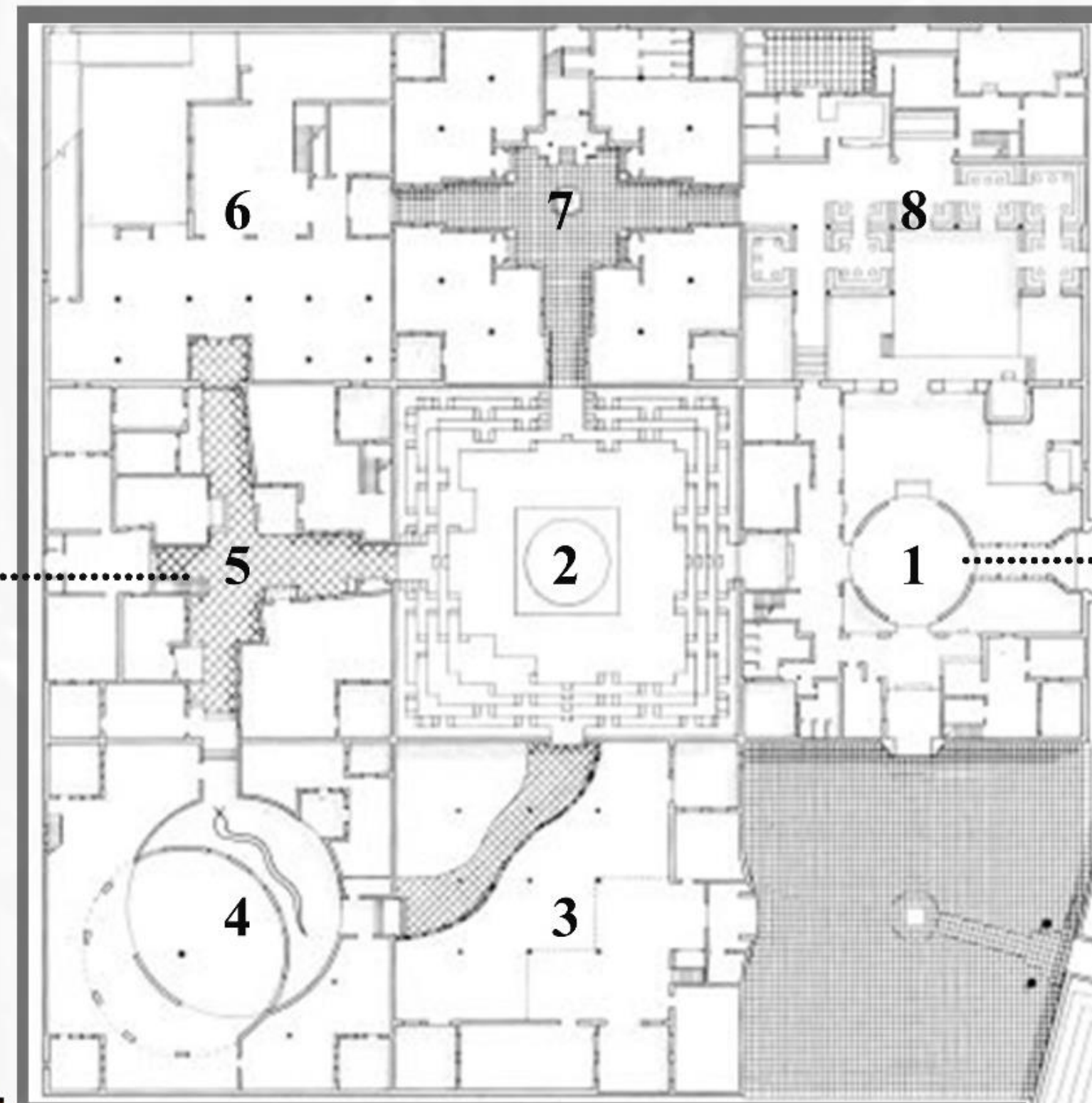
PERGOLA FOR SHADE AND SHADOW EFFECT

PROJECT DESCRIPTION

LOCATION JAWAHARLAL MARG, JAIPUR
COMPLETION 1991
TYPE ART & CRAFTS
ARCHITECT CHARLES CORREA
SITE AREA 9.5 ACRES
BUILT-UP AREA 2 ACRES



SHRI YANTRA

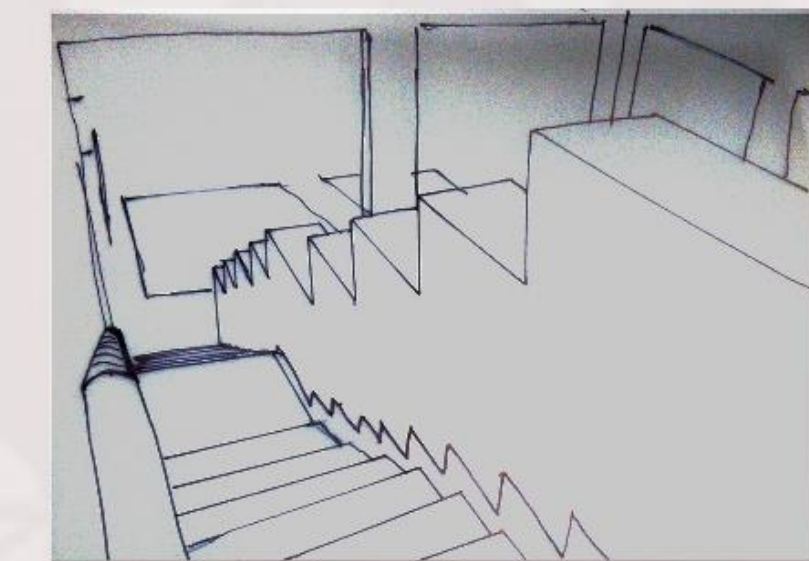
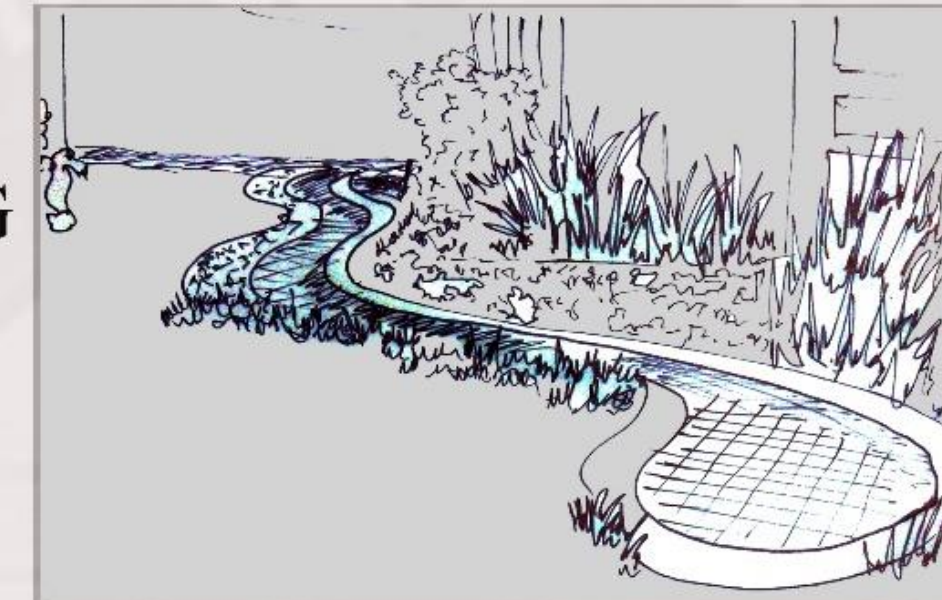


FLOOR PLAN OF JAWAR KALA KENDRA

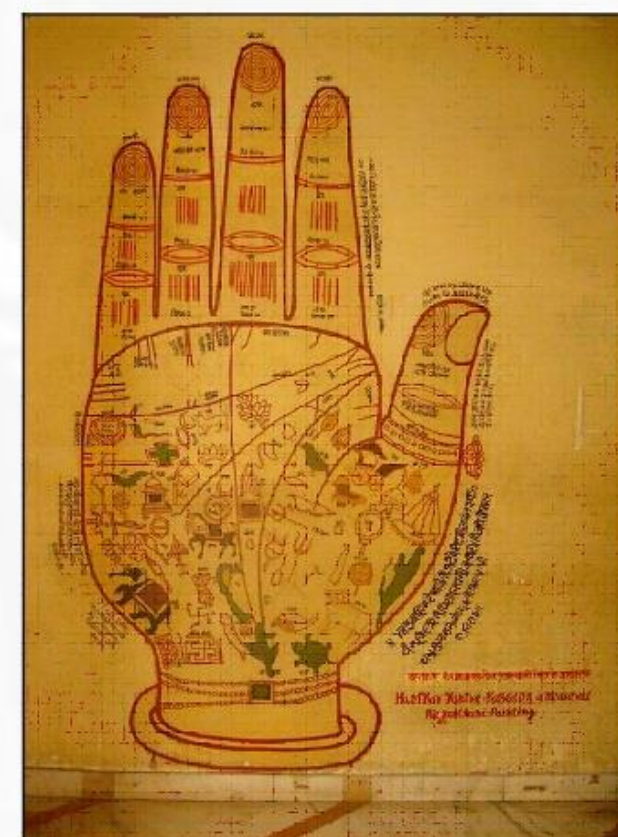


DOMES IN MANGAL BHAWAN

LANDSCAPING AND SIDE PLANTERS



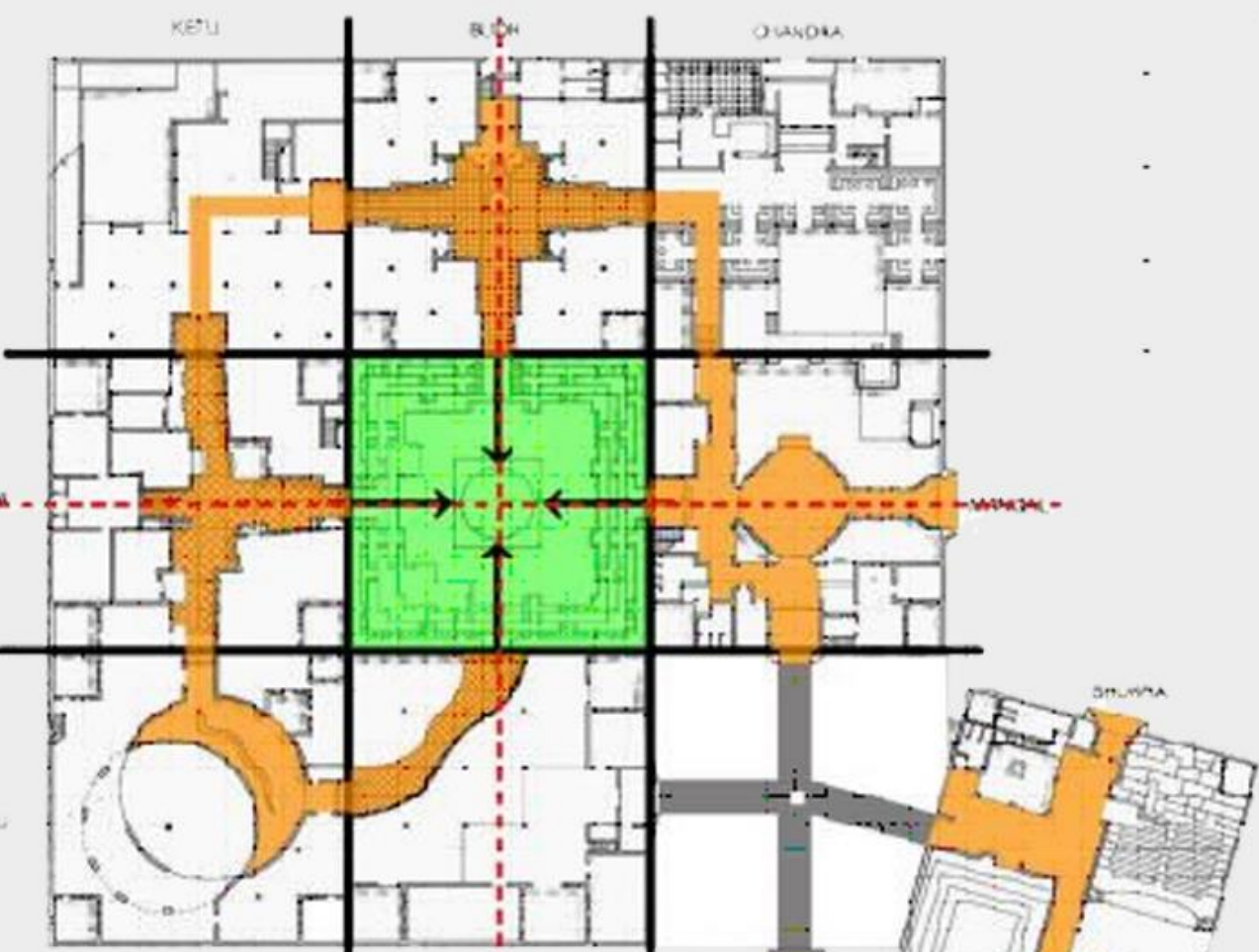
STAIRCASE WITH STEPPED SIDE RAIL



HASTKAR YANTRA



JAIN COSMOGRAPH



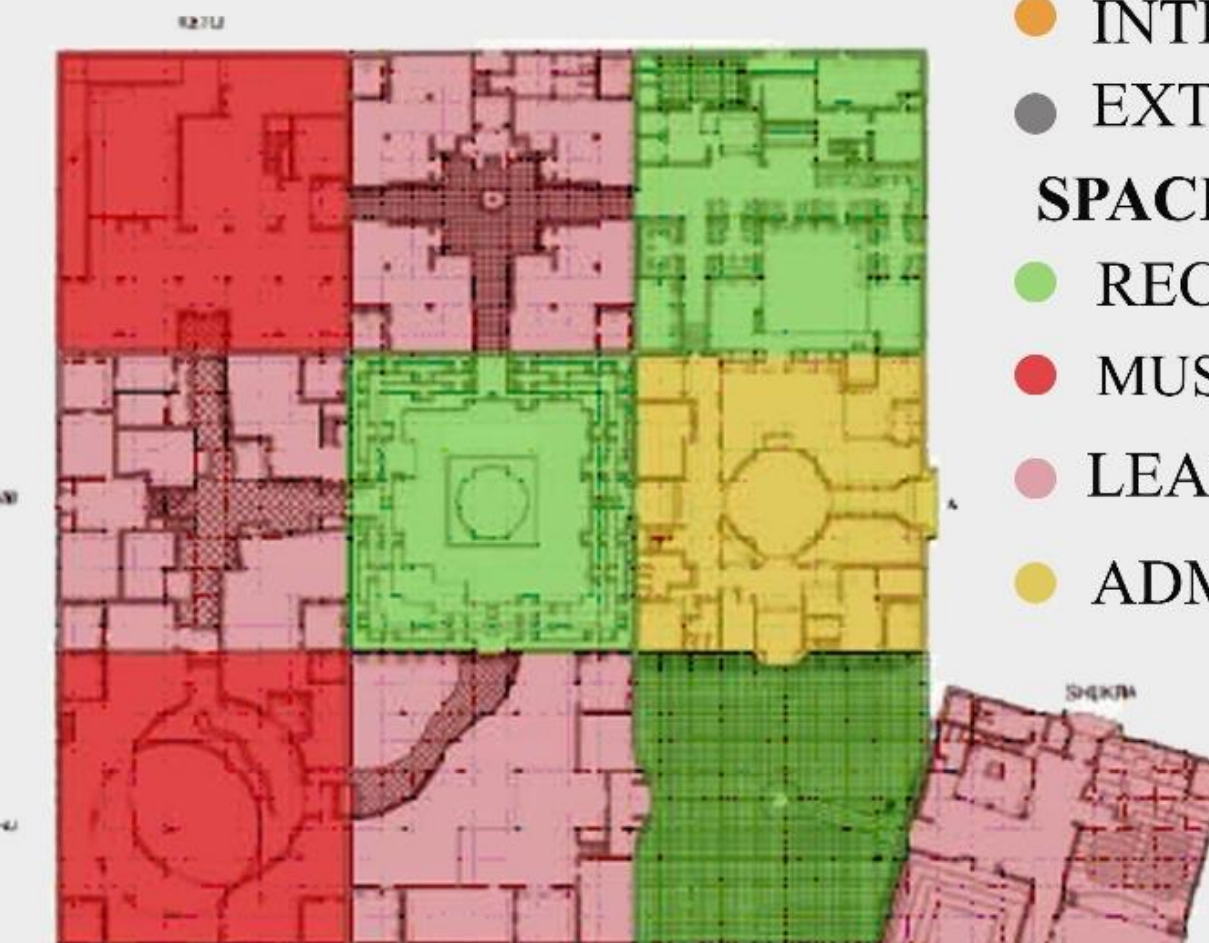
CIRCULATION DIAGRAM

CIRCULATION :

- INTERNAL
- EXTERNAL

SPACES :

- RECREATIONAL
- MUSEUM/GALLERY
- LEARNING SPACE
- ADMINISTRATION



SPACE ANALYSIS

LEGEND :

- 1) ADMIN BLOCK
- 2) CENTRAL OAT
- 3) LIBRARY
- 4) ART GALLERY/ MUSIC/DANCE
- 5) WORKSHOPS
- 6) ALANKAR MUSEUM
- 7) ART GALLERY
- 8) CAFE & GUEST
- 9) THEATRE

INFERENCES :

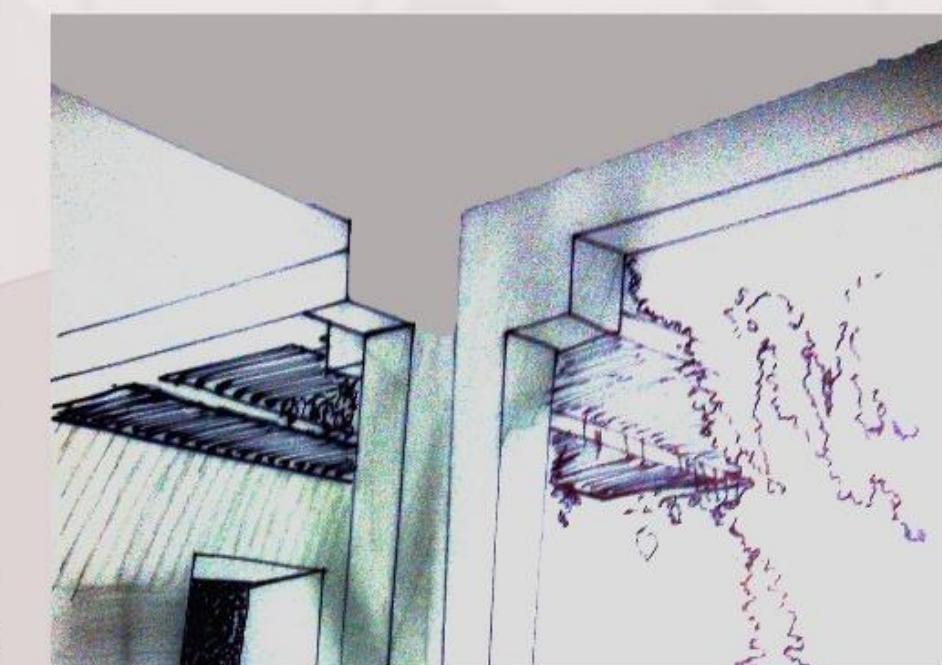
- GRID IRON PLANNING
- CENTRAL COURTYARD
- INWARD LOOKING
- OPEN VS BUILT BALANCE
- LOW RISE STRUCTURE
- NAV-GRAH POWER AND ENERGY



STEPPED OPEN AREA IN CENTRE



ART GALLERY



COLUMN DESIGN IN CARDINAL FOUR POINTS



SKETCH OF THE ENTRANCE

OPEN AREAS / SEATING



THESIS 2018

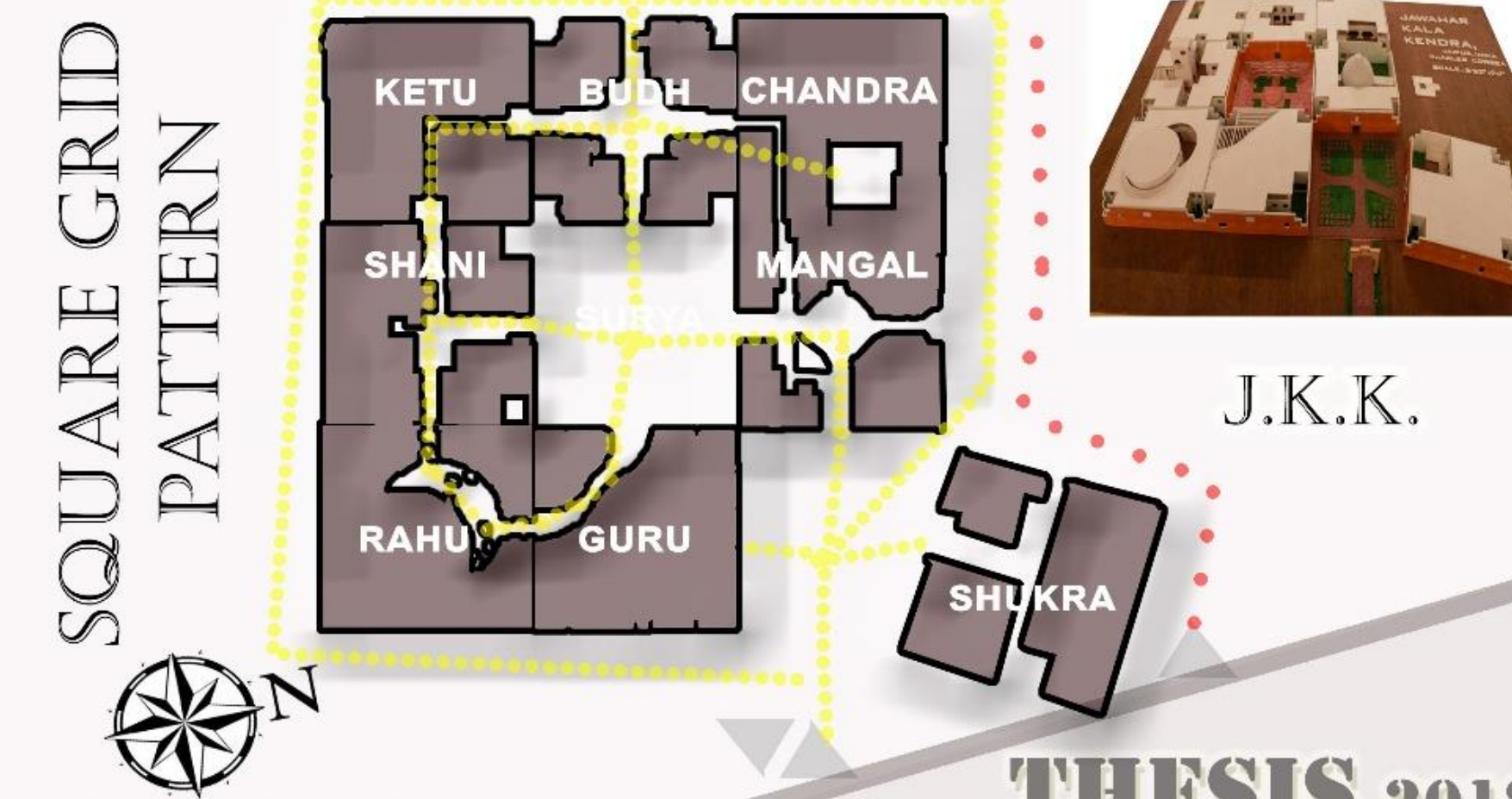
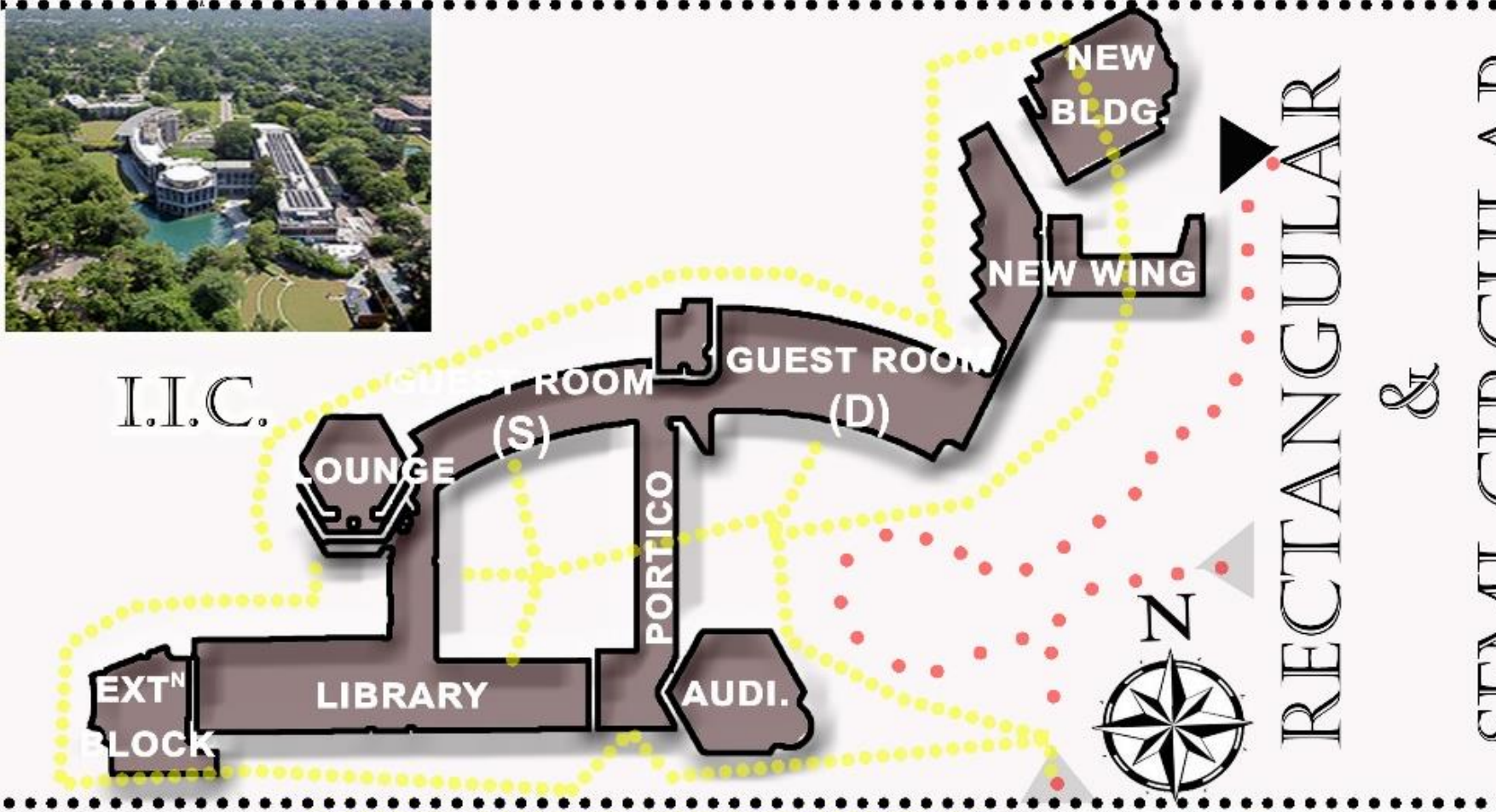
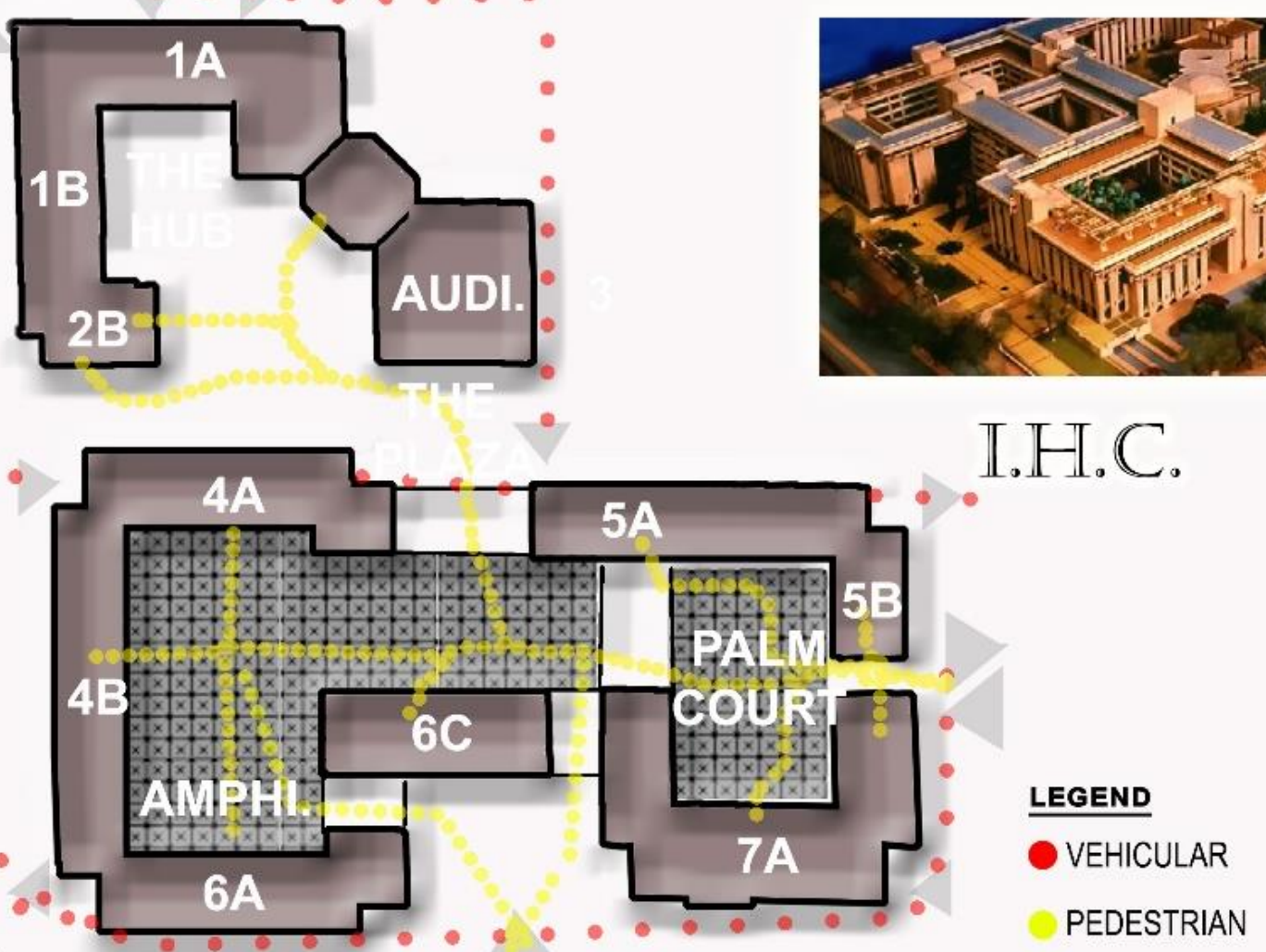
PRIMARY CASE STUDY - 3

ANALYSIS :

A.) ON THE BASIS OF FORM



RECTANGULAR / STRAIGHT BLOCKING



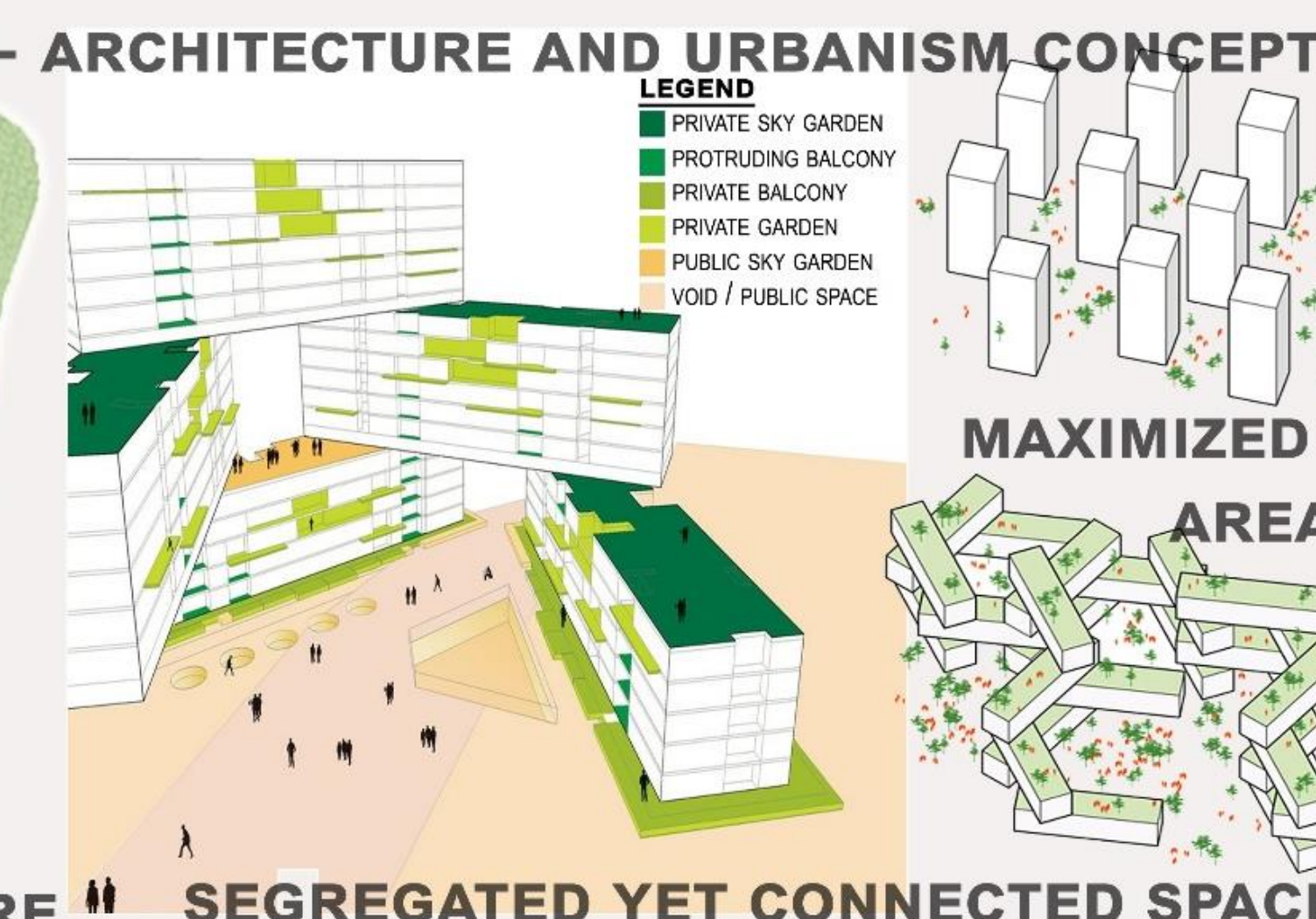
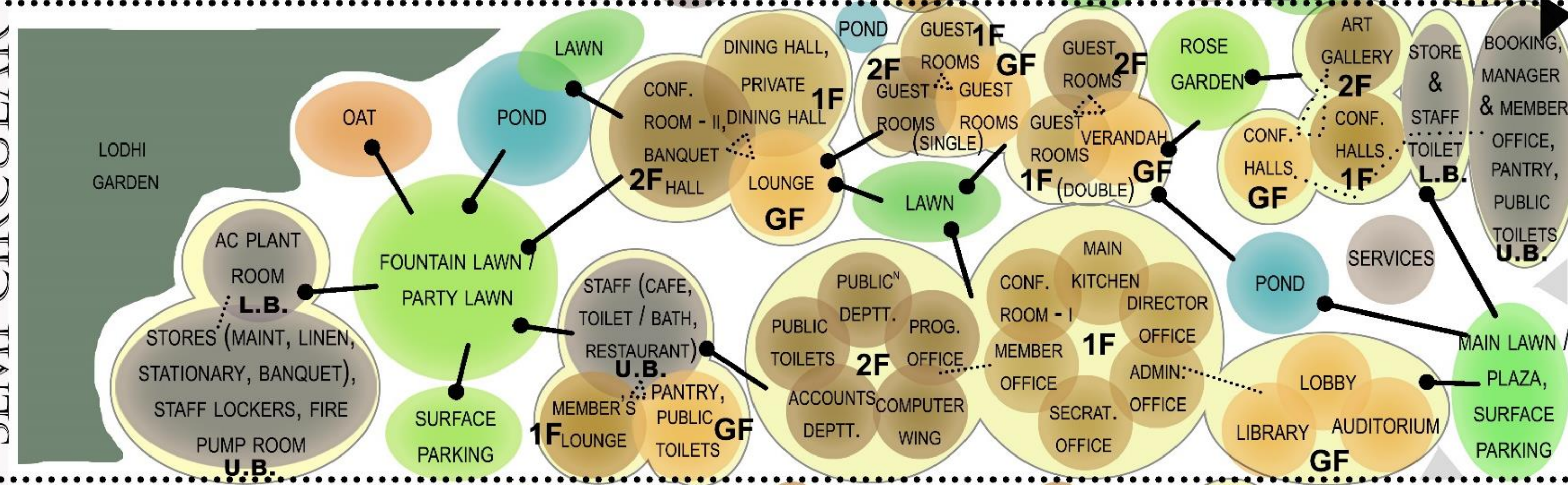
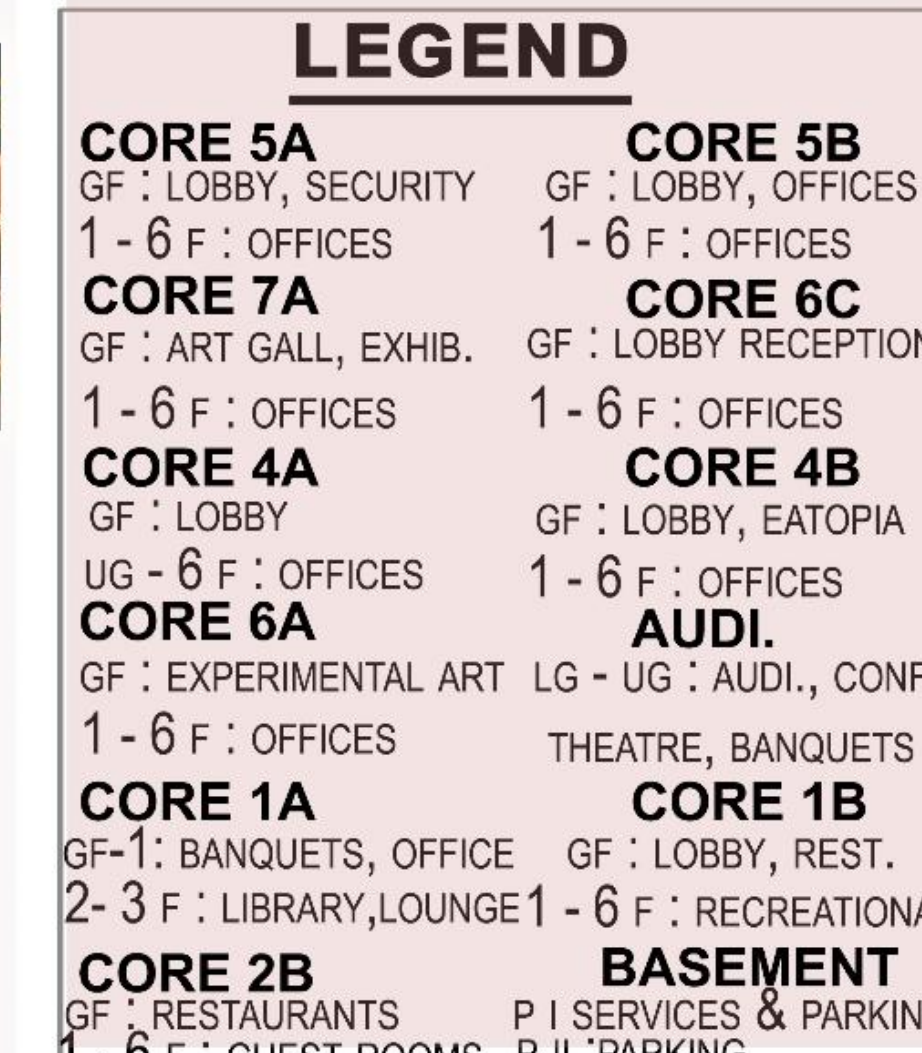
CONCEPTUAL BASIS

THE INTERLACE, SINGAPORE

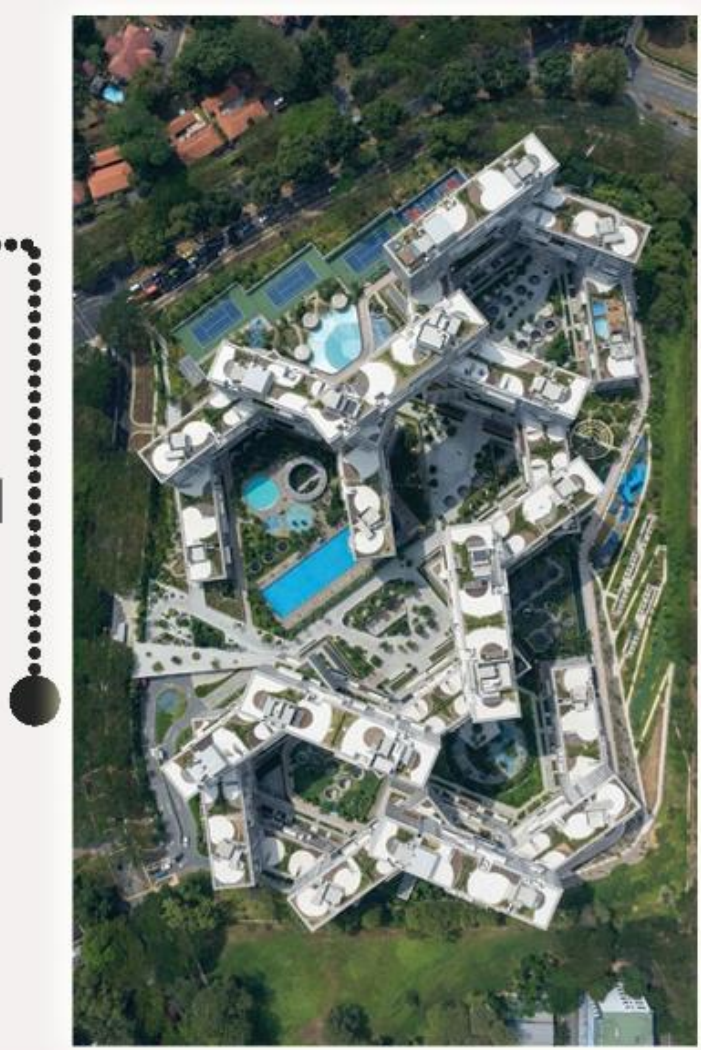


HORIZONTAL MASSING REDUCES HIGH RISE STRUCTURE

B.) ON THE BASIS OF FUNCTION



SEGREGATED YET CONNECTED SPACES

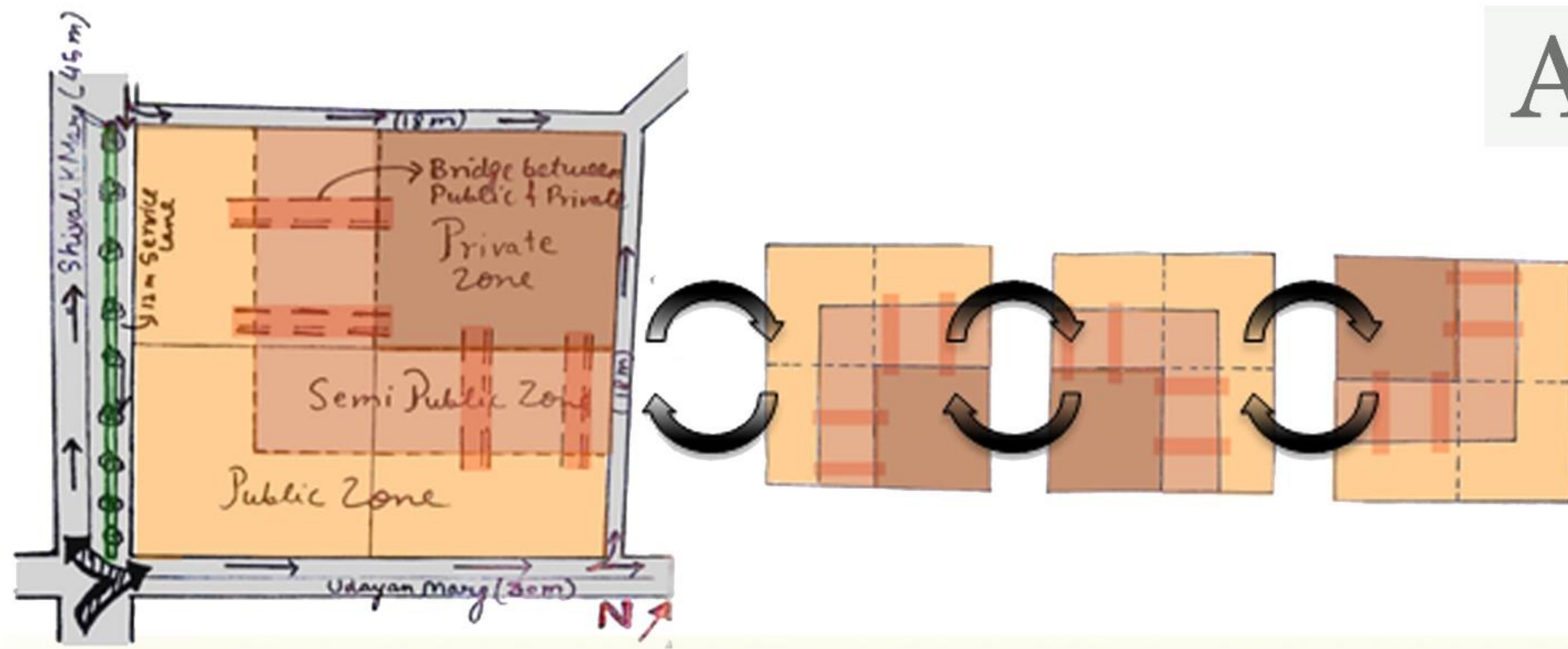


INFERENCES (ACTIVITY PATTERN ANALYSIS)

FUNCTION	DESCRIPTION	FREQUENCY
*AUDITORIUM	PERFORMANCES OF SCHOOL CHILDREN & OTHER INSTITUTIONS	DAILY/WEEKLY
*MULTI PURPOSE HALL/BANQUET HALL	FOR PUBLIC GATHERING AND FUNCTIONS	DAILY/WEEKLY
*LOUNGE / RECEPTION / WAITING / SEATING	USED BY VISITORS AND MEMBERS OF THE INSTITUTION	WEEKLY / OCCASIONALY
*CAFE / FOOD COURT / CANTEN	MOSTLY BUSY ALL THE TIME OF THE DAY BASICALLY A COVERED PUBLIC SPACE	DAILY
*HOSTEL / GUEST ROOMS / BUSINESS HOTEL / RESIDENTIAL AREA	USED BY MEMBERS, GUESTS, TOURISTS OR VISITORS FOR SHORT OR LONG STAY. BUT SHOULD BE OPTIONAL FOR WORKING CLASS	DAILY
*VISUAL ARTS EXHIBITION / ART GALLERY / EXHIBITION AREA	AGAIN A PUBLIC SPACE FOR VISITORS AND WORKING CLASS	DAILY/WEEKLY
*LIBRARY	SHOULD BE ACCESSIBLE TO ALL PUBLIC	DAILY
*RECREATIONAL ACTIVITIES / OPEN SPACES / PUBLIC SPACES	PUBLIC SPACES ON SITE AS WELL AS IN BUILDING DESIGN	DAILY/WEEKLY

CASE STUDY COMPARATIVE ANALYSIS

THESIS 2018



ROTATION OF TYPICAL ZONES 90 DEGREES BUT **PUBLIC ZONE** WAS STILL AT AN EDGE AND NOT THE PART OF SITE



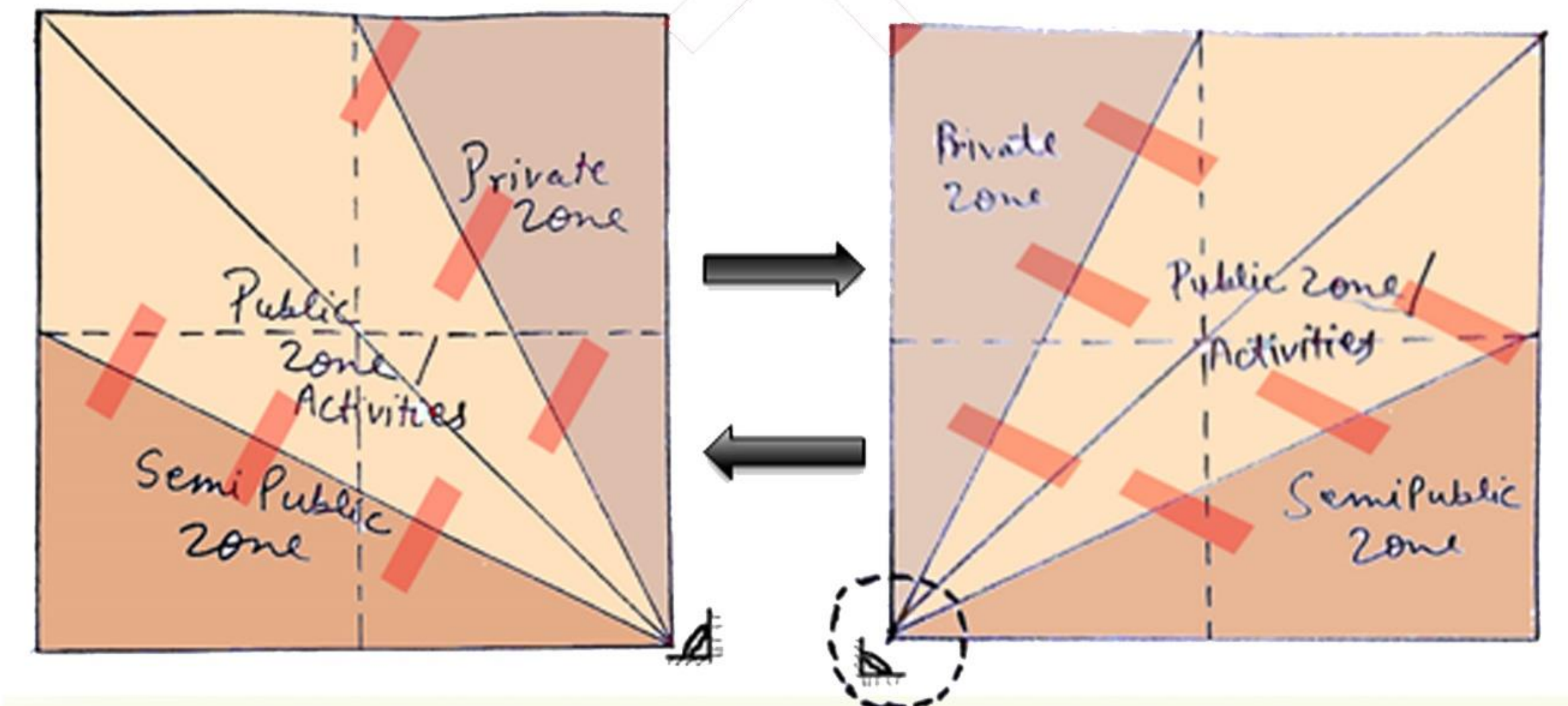
A

LEGEND (ZONES):

PUBLIC

SEMI-PUBLIC

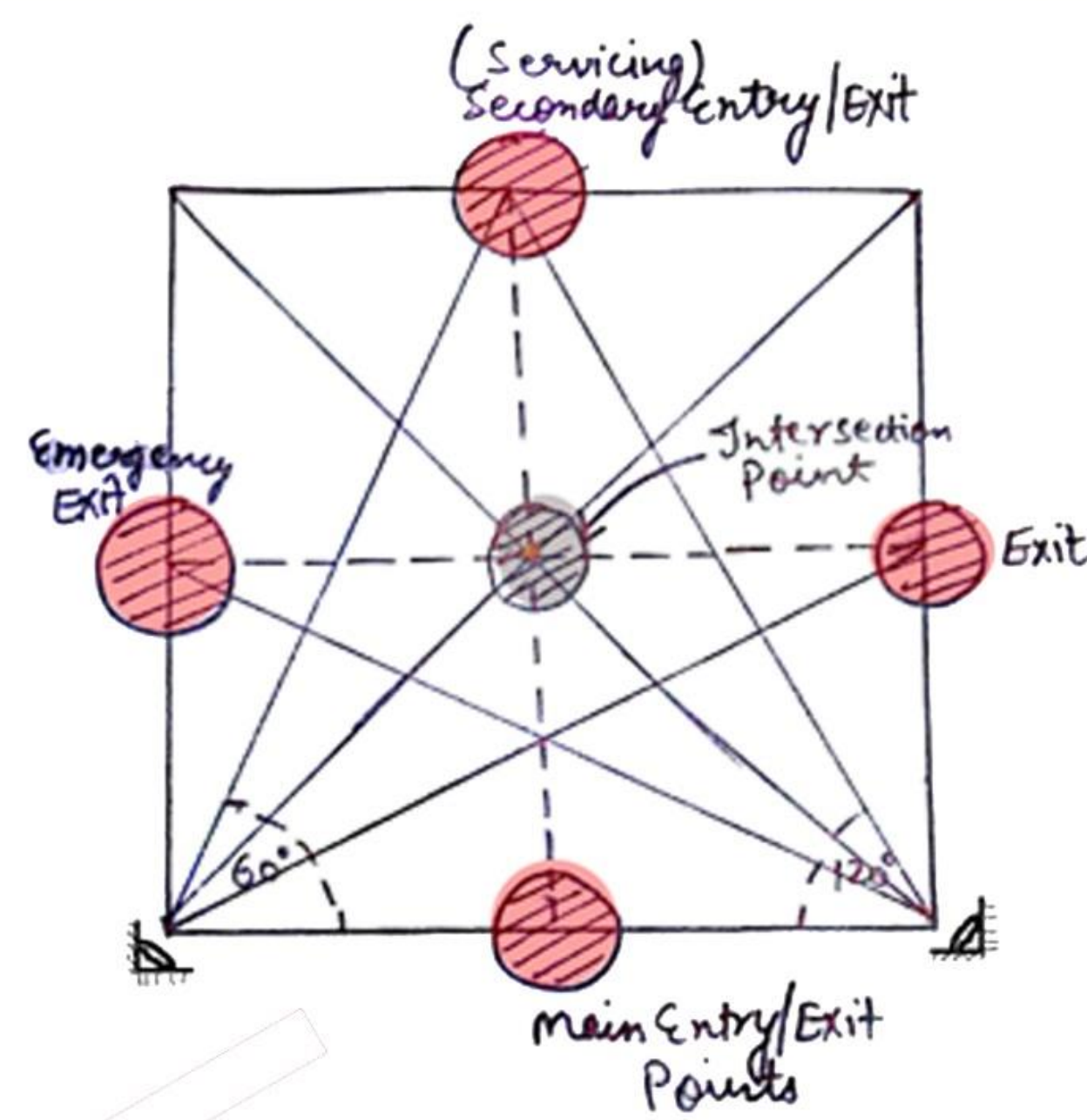
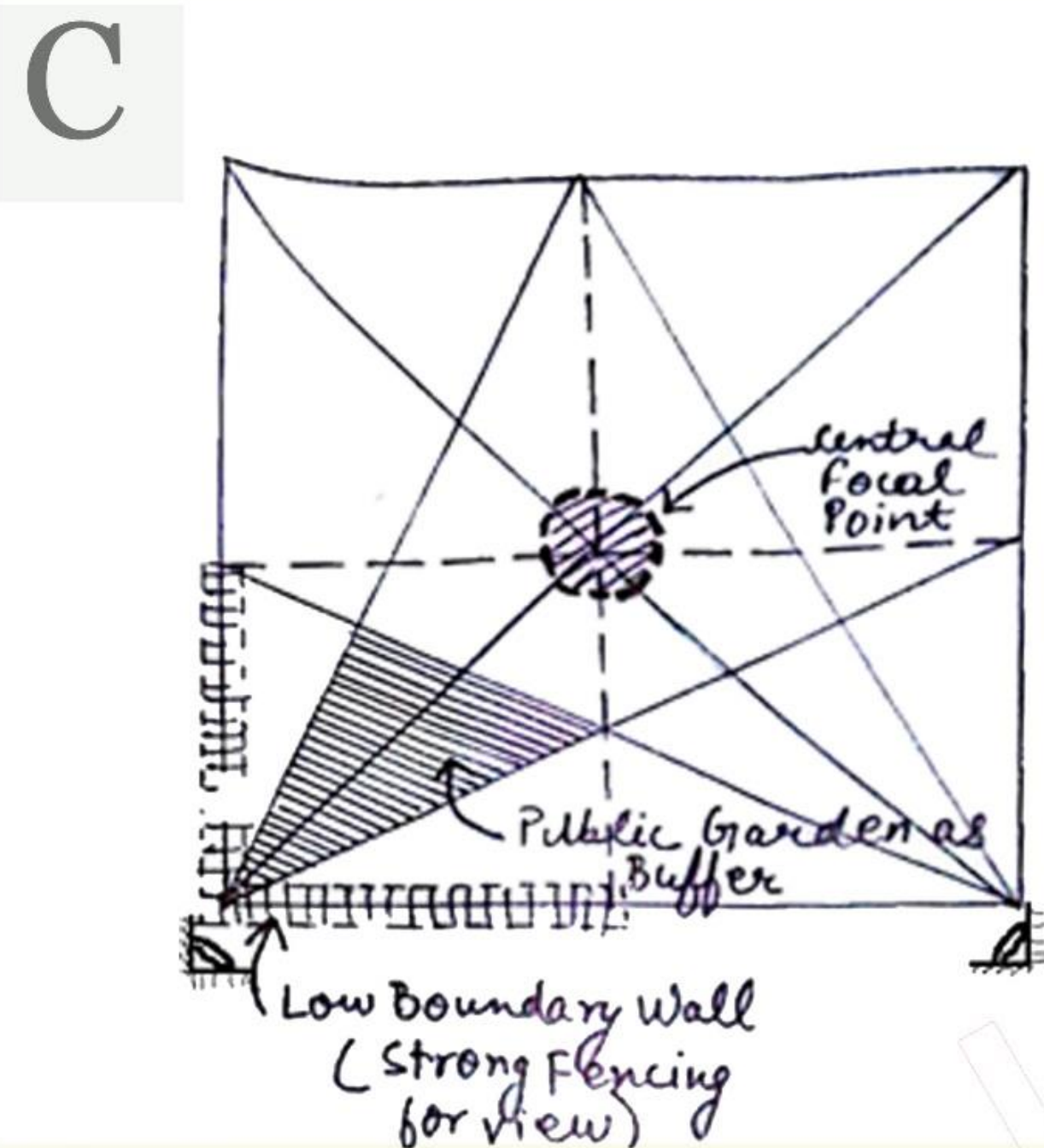
PRIVATE



GRIDS FORMED FROM CORNER JUNCTIONS ARE EXPERIMENTED INDIVIDUALLY TO ALLOW PUBLIC SPACE / ZONE BRIDGING BETWEEN OTHER TWO ZONES



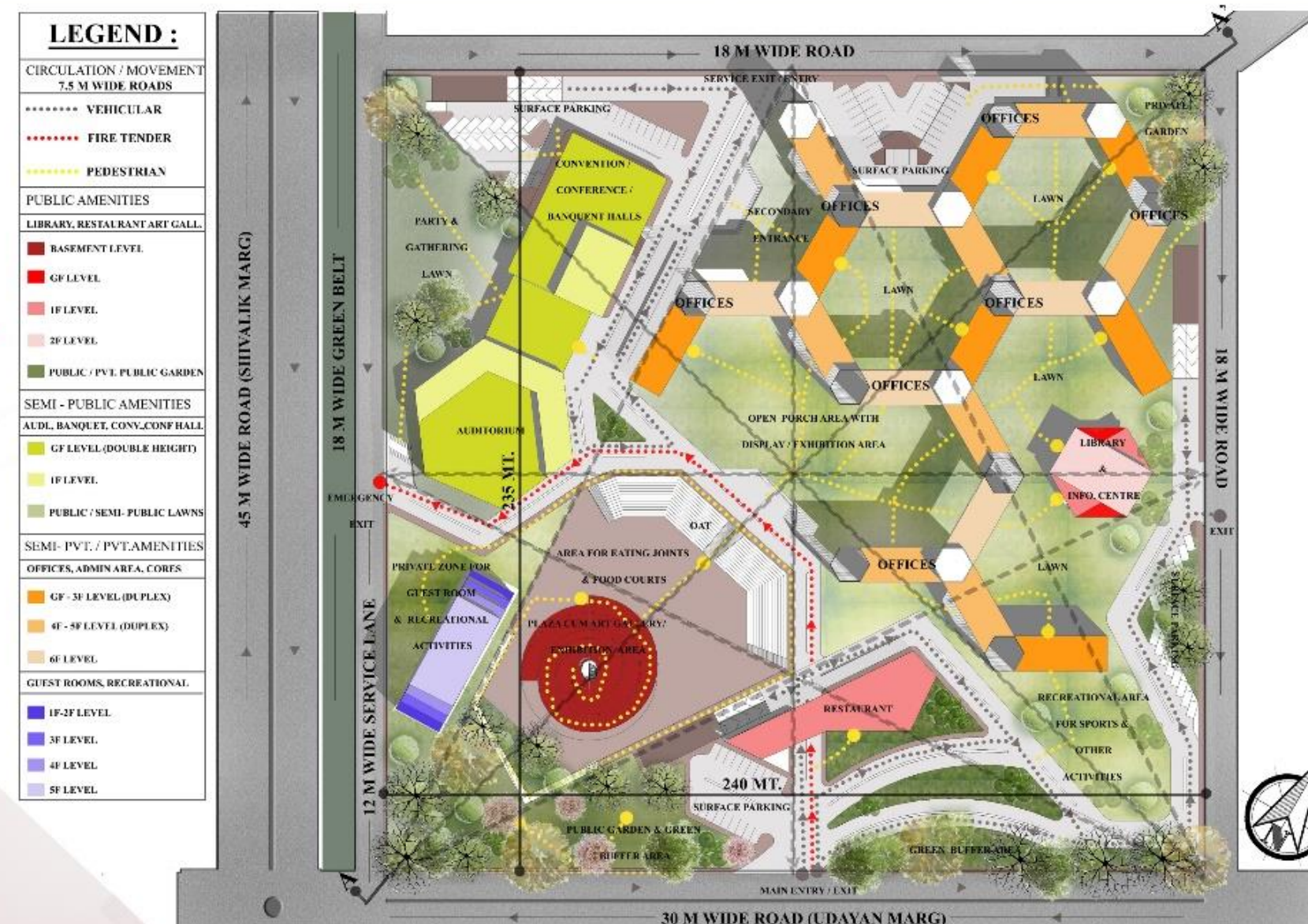
B



COMBINING THE ABOVE TWO AXIS TO GET AN INTERSECTION CENTRE POINT TO RESTRICT THE PUBLIC ACTIVITIES TO THIS JUNCTION SITE HELPED TO GENERATE BASIC SKELETON OF THE FORM



E

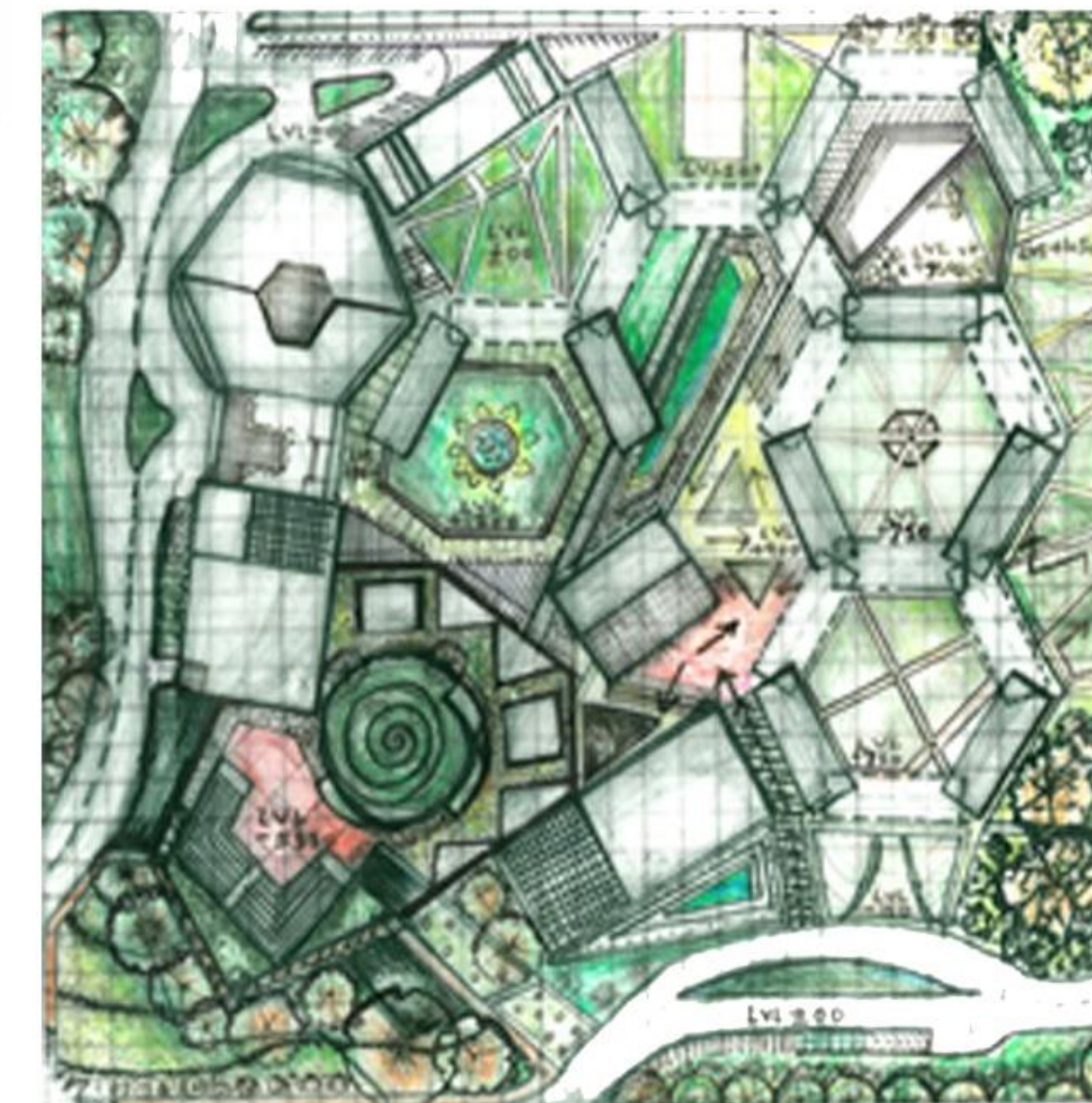


EACH BLOCK THEN AGAIN AND AGAIN REVISED IN TERMS OF ORIENTATION ON GRID TO HAVE SAME ANGLE, CORE AREAS OF EACH BLOCK WORKED UPON AND HENCE BUILDING IS PLANNED FURTHER ALONG WITH SITE DEVELOPMENT

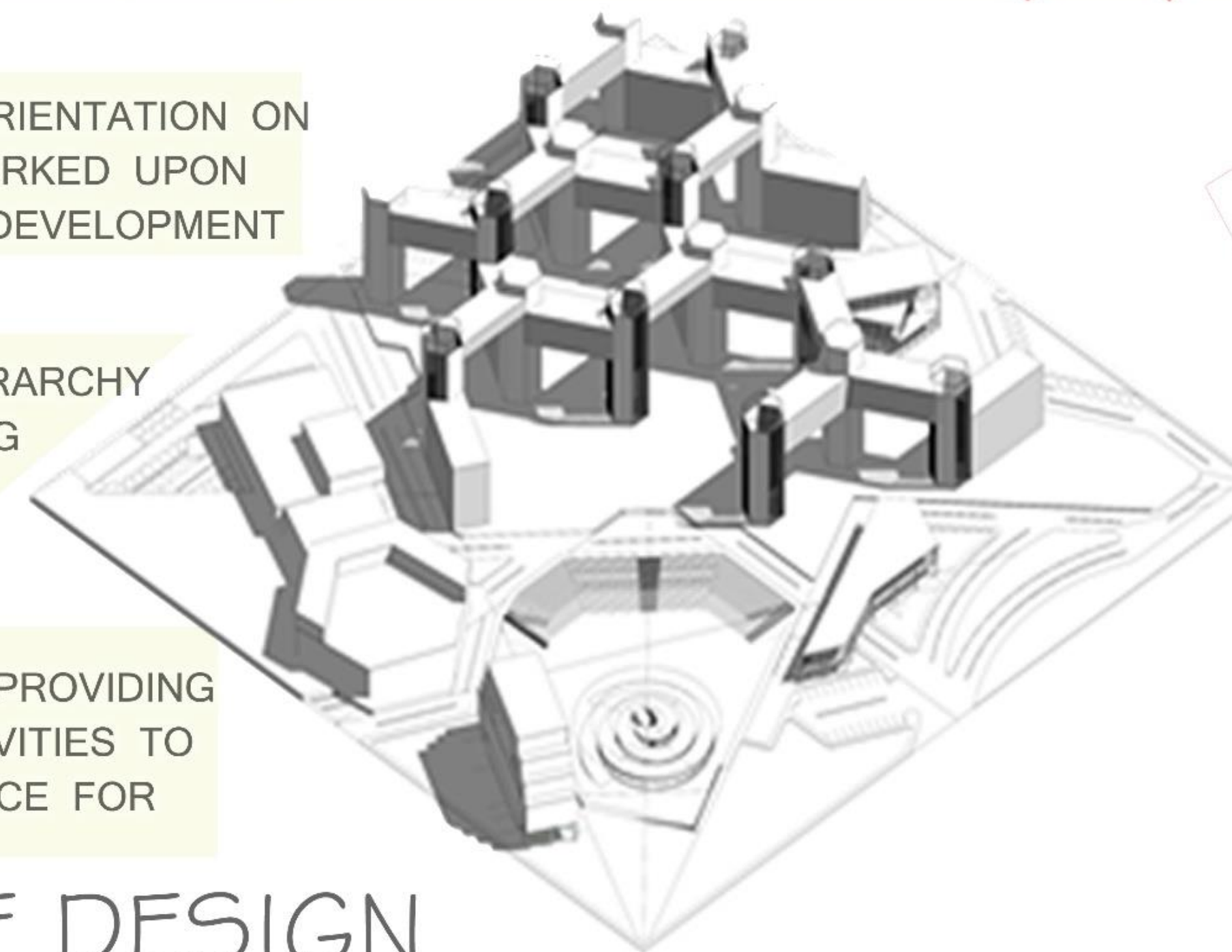
FINAL BASE OF THE SITE INCLUDING ROADS WITH PROPER HIERARCHY HAVING CLEAR VEHICULAR / PEDESTRIAN MOVEMENT, PARKING AREAS, OPEN SPACES HAVING DIFFERENT PURPOSES AND ALL THE BLOCKING OF STRUCTURES ON SITE.

FURTHER LANDSCAPING IS DONE WITH DETAILS OF PATHWAYS PROVIDING ACCESS TO EACH BLOCK AND BASEMENT AREAS. AT LAST, ACTIVITIES TO BE PERFORMED IN EACH ZONE IS LISTED AND ASSIGNED A SPACE FOR EACH ACTIVITY

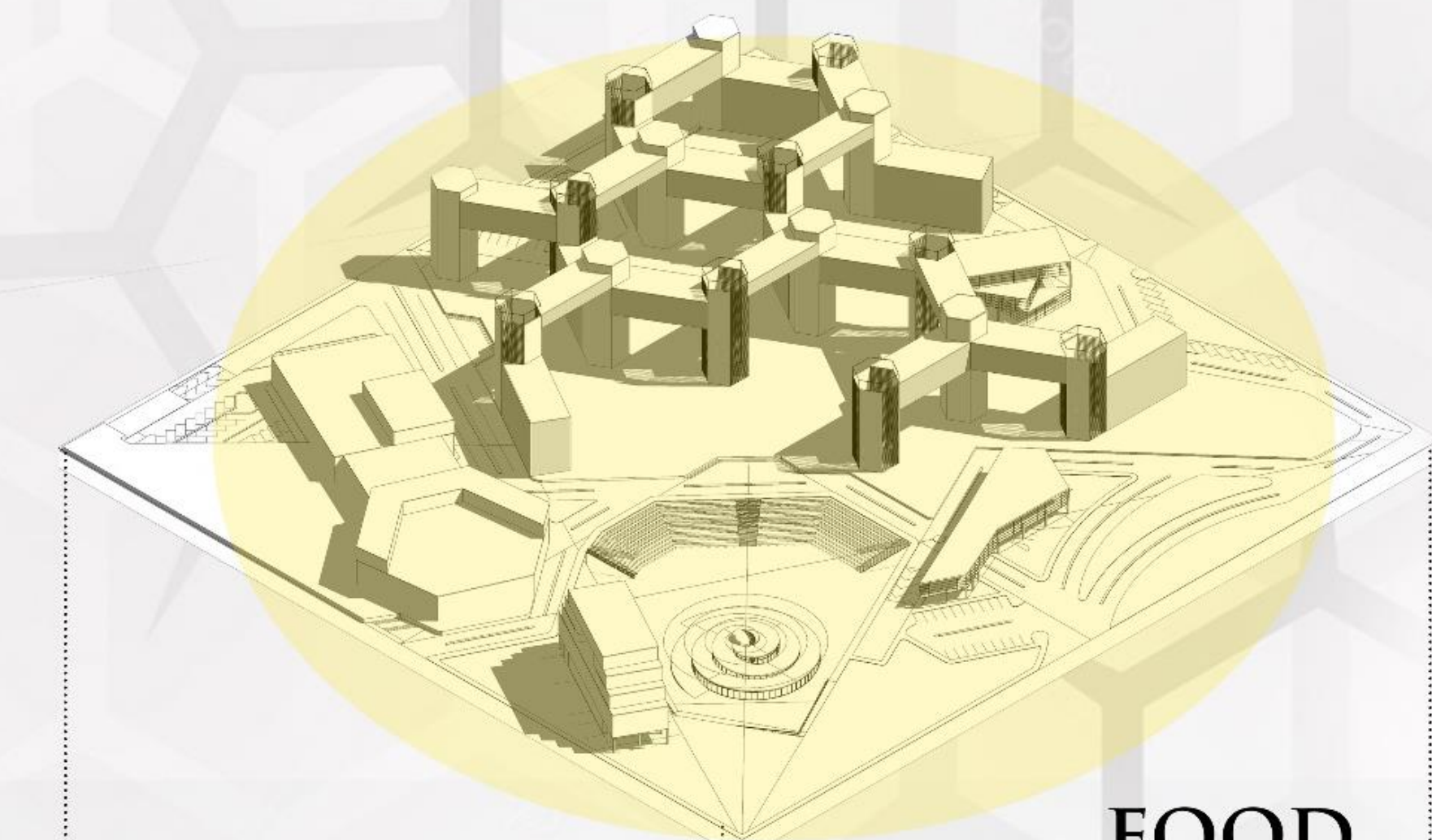
D



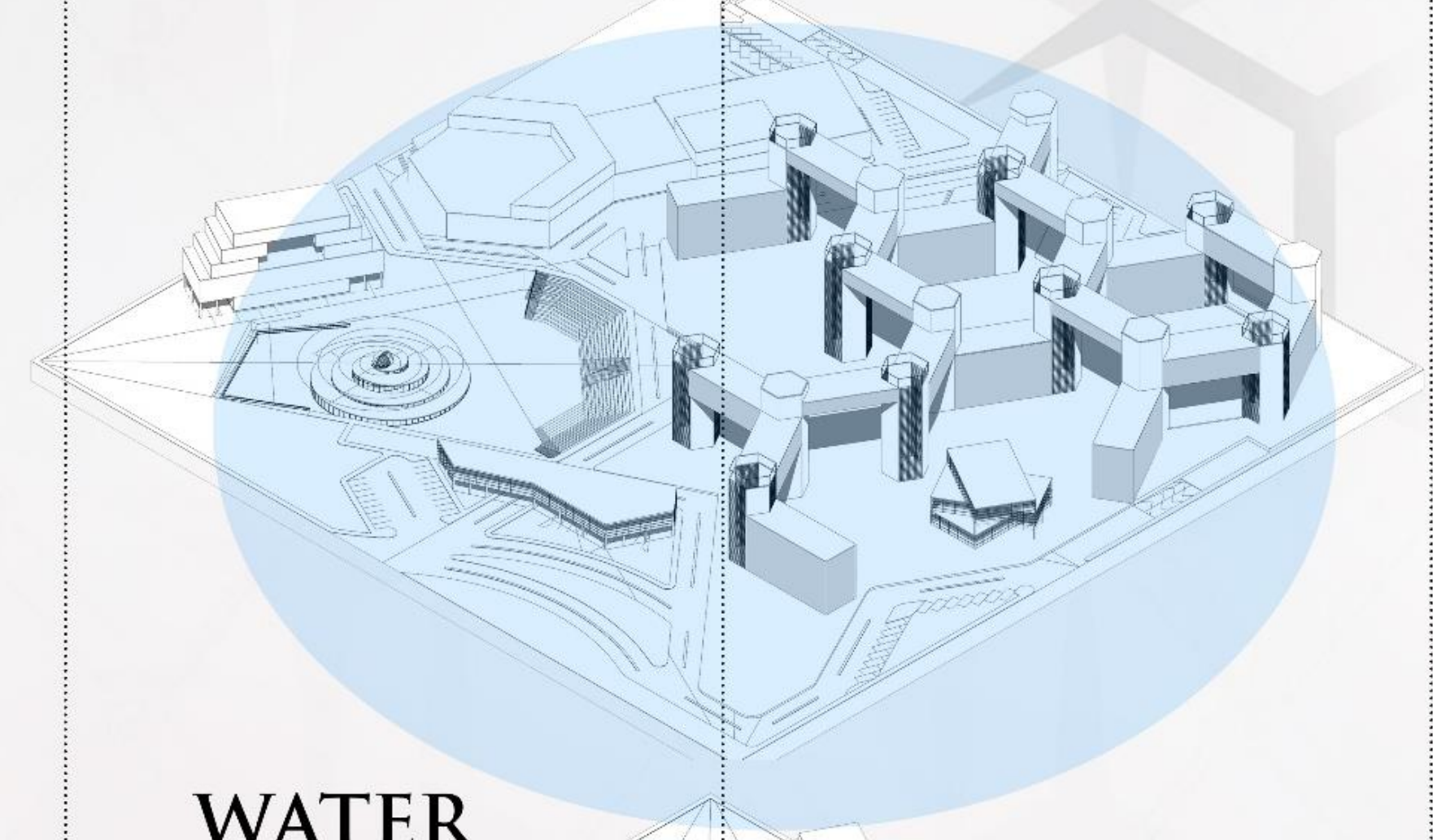
THE BLOCKS WERE PLACES ACCORDING TO ZONING AND DIFFERENT TYPES OF ACTIVITIES ON GRID BUT THEY LACK SMOOTH CIRCULATION PATTERN AND HIERARCHY OF ROADS



FOUR COMPONENTS OF HABITAT



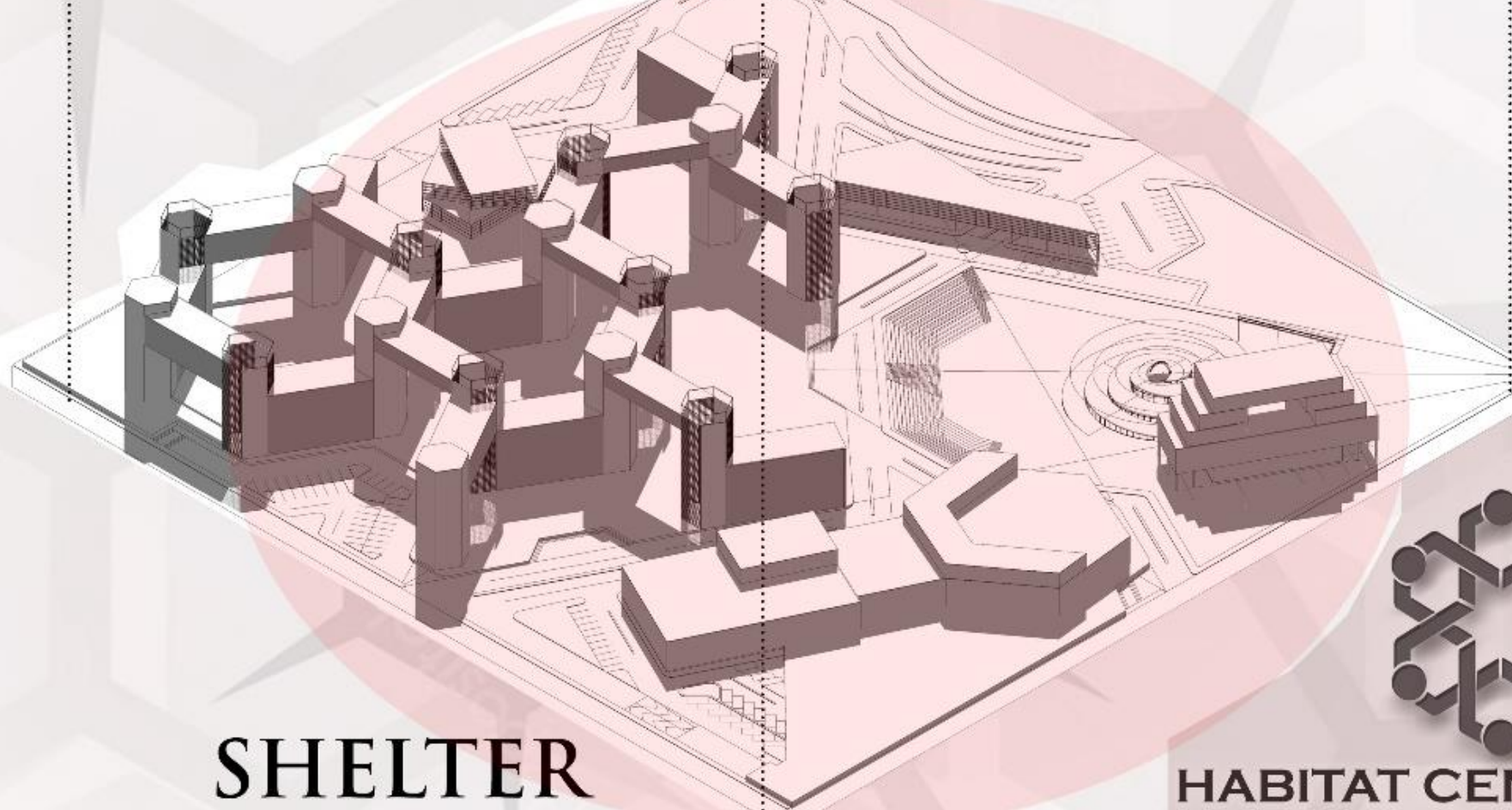
FOOD



WATER



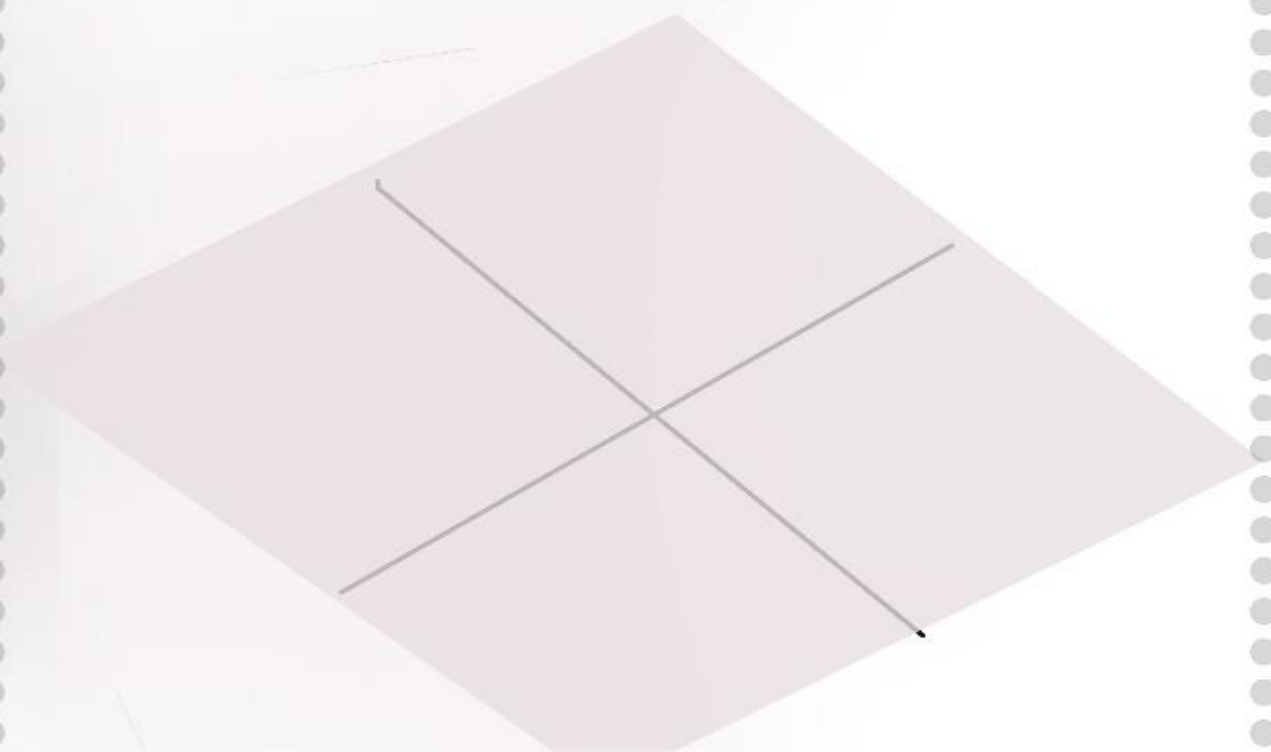
SPACE



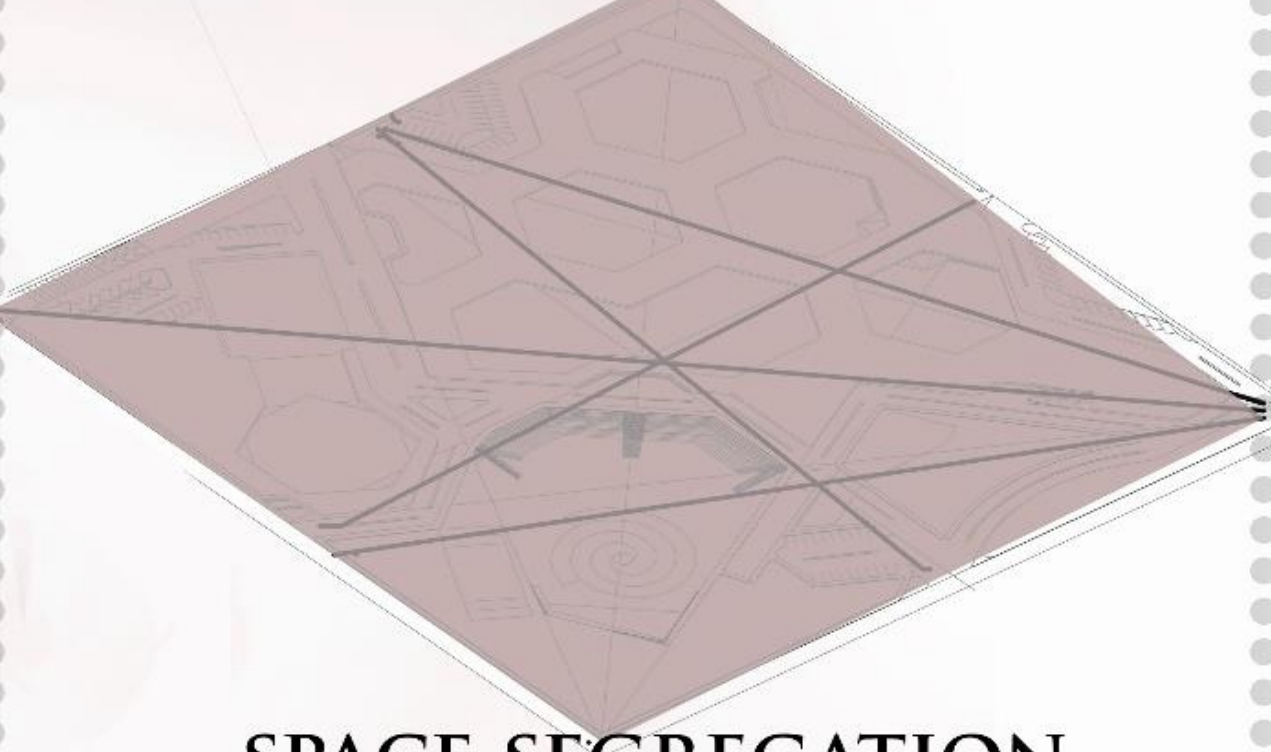
SHELTER

HABITAT CENTRE AT NOIDA

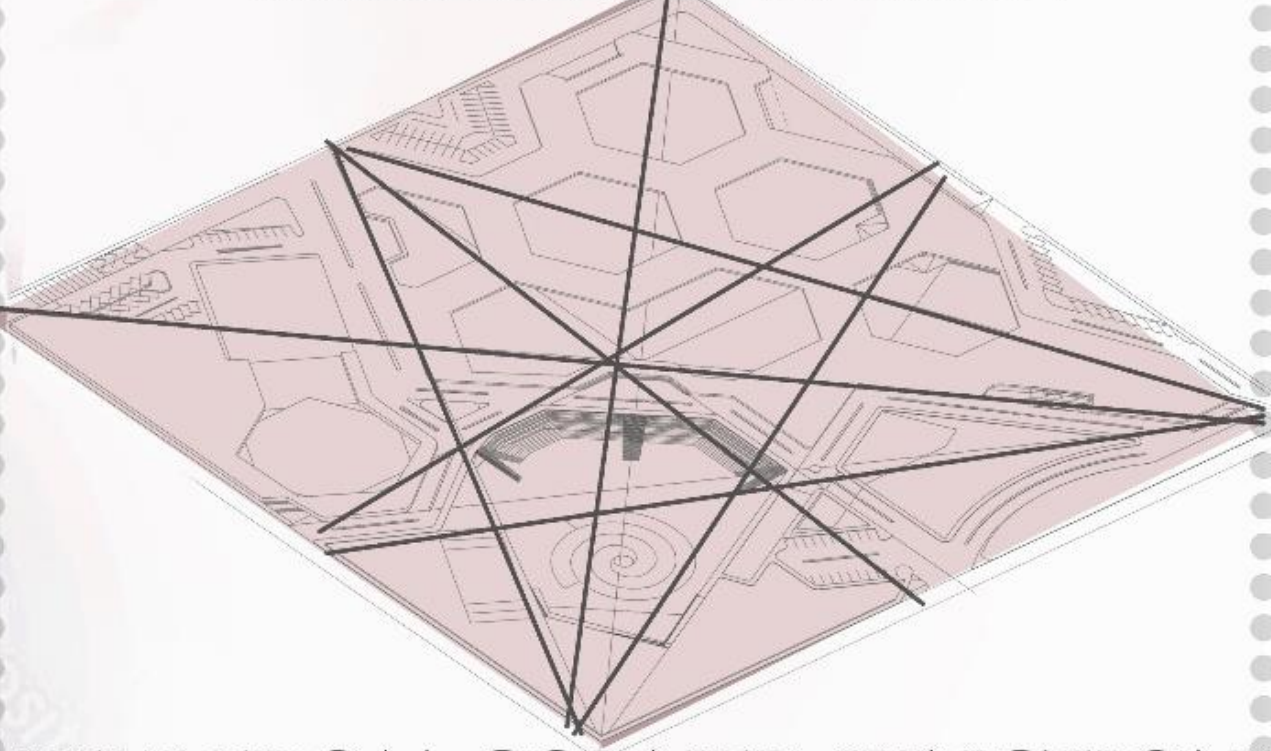
SITE DEVELOPMENT



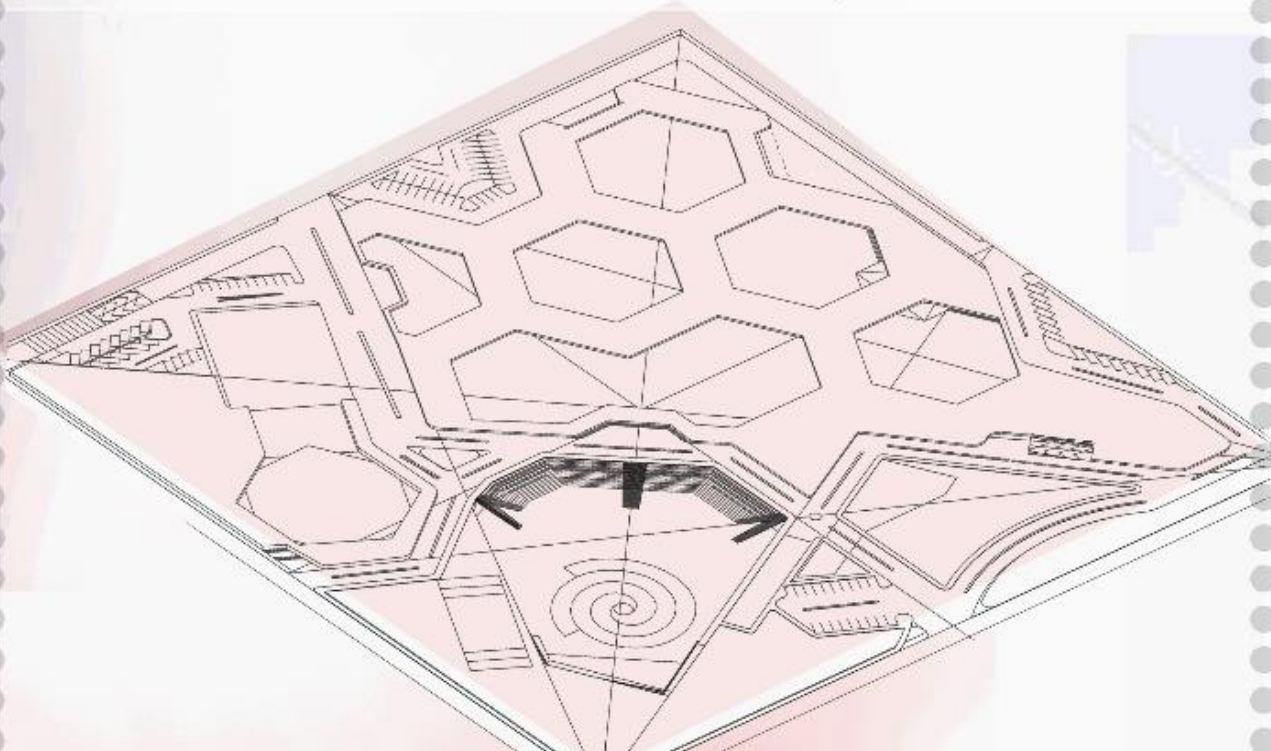
DIVISION OF SITE INTO GRIDS



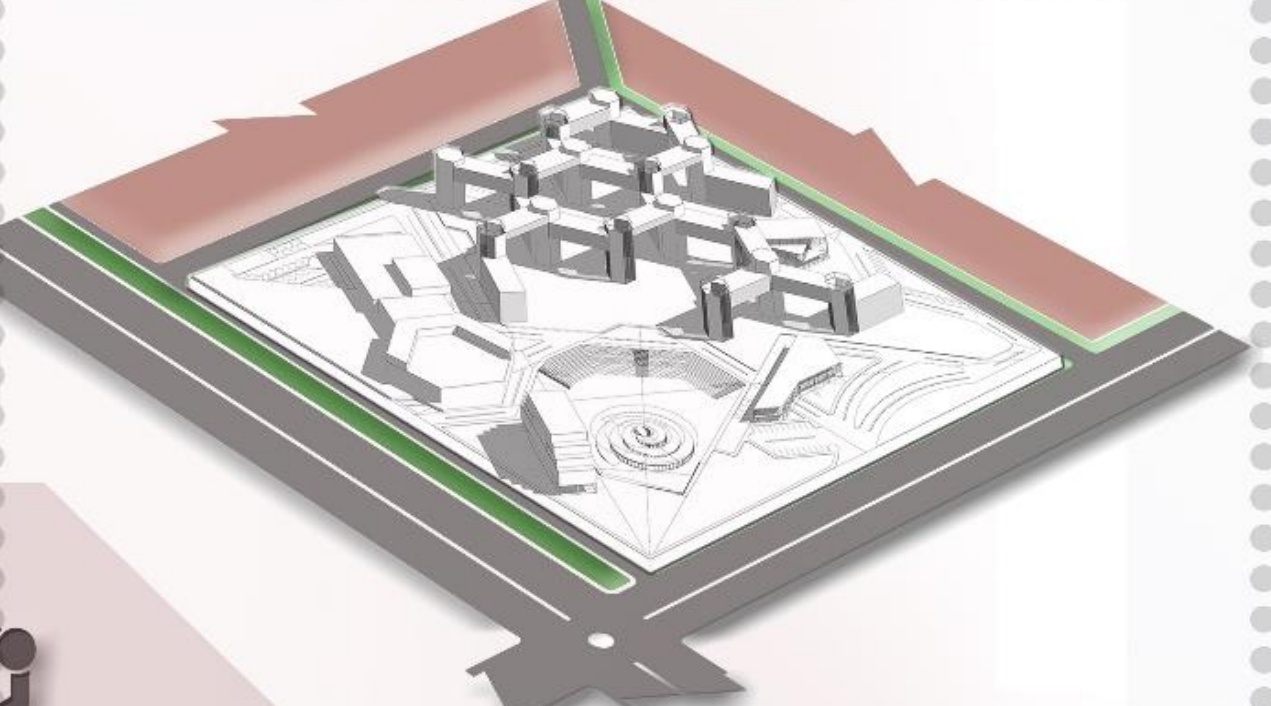
SPACE SEGREGATION



VIEW FROM CORNER JUNCTIONS



PUBLIC SPACES ACHIEVED



BUILDING PLACEMENT

CONCEPT OF INDIAN HABITAT IN LANDSCAPING



LOTUS POND

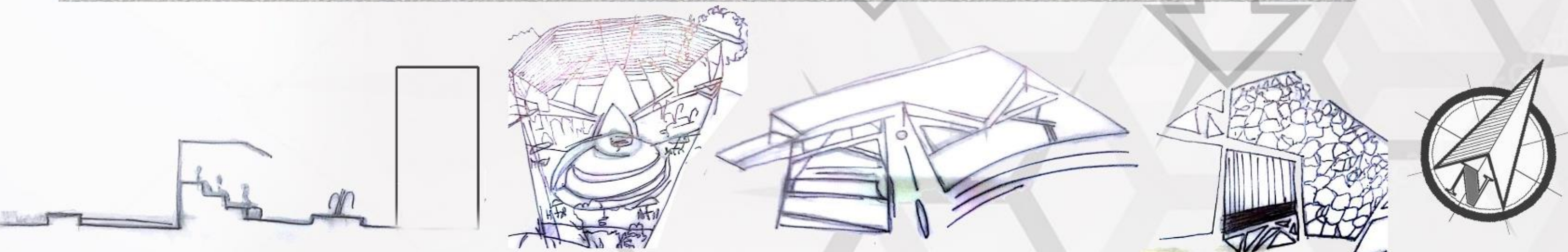
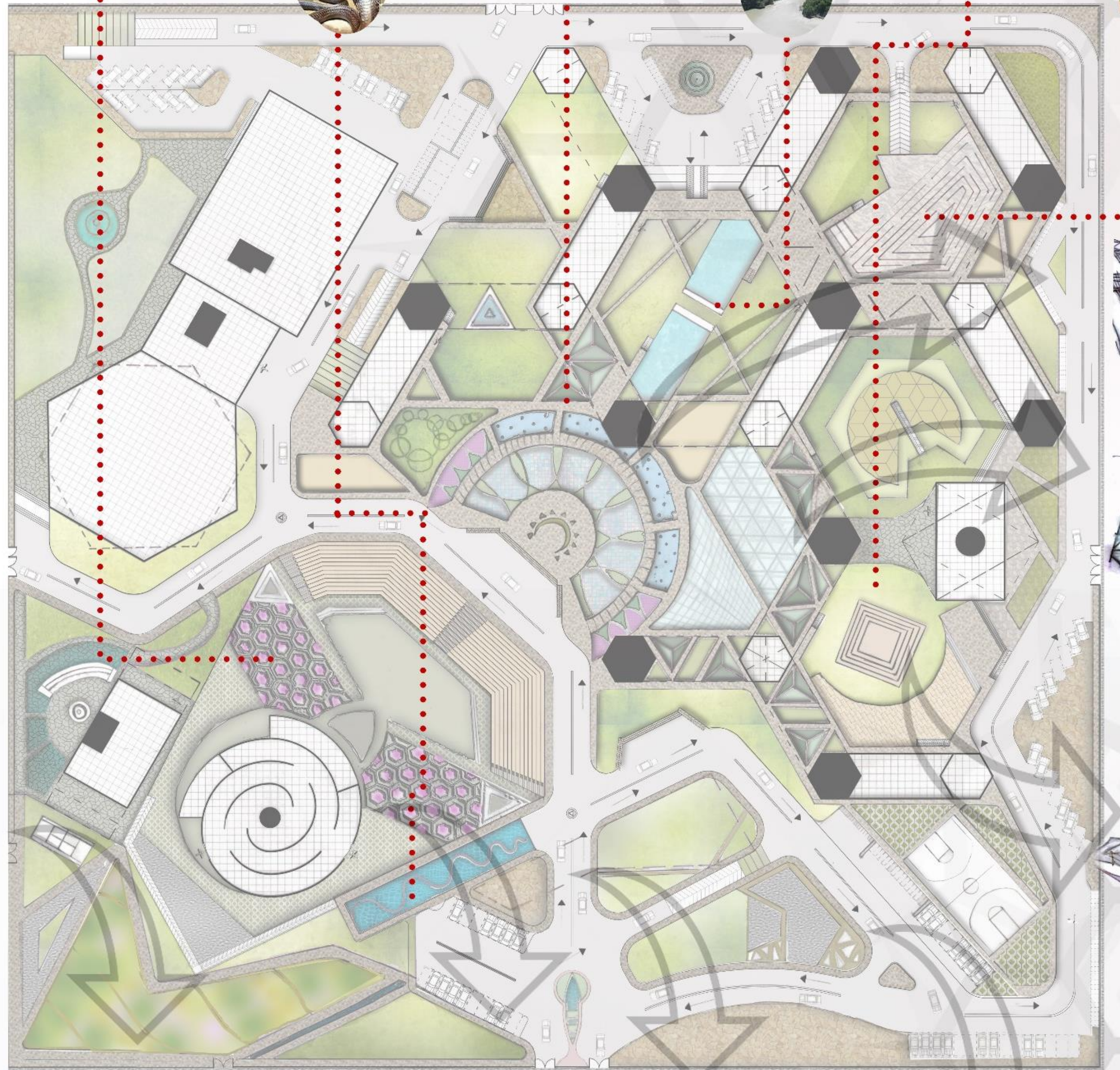
LONG WATER BODY

PEACOCK PLAZA

GANGES

HERBAL SHRUBS GARDEN

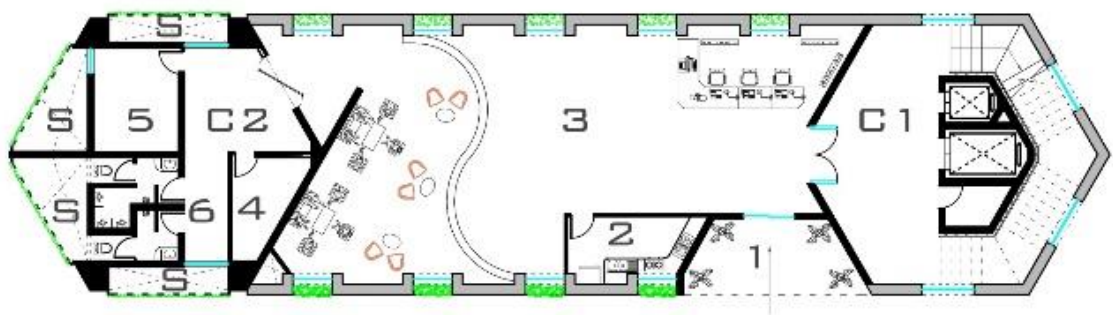
TIGER MAZE



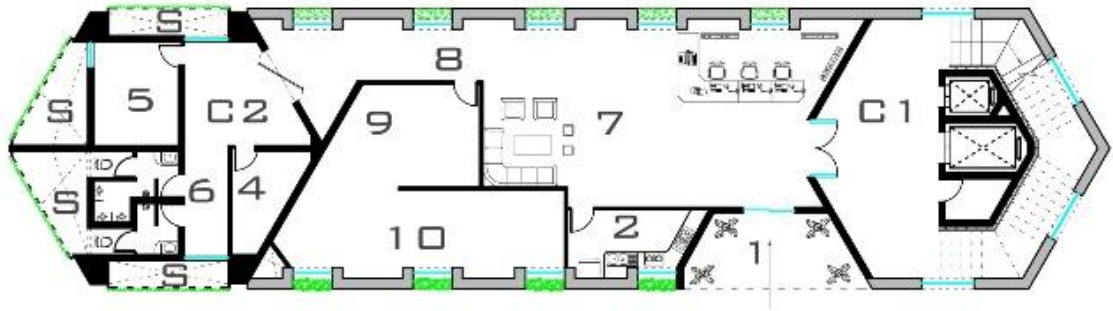
CONCEPT STAGES OF DESIGN & SITE LANDSCAPING

DETAILED DRAWINGS & 3D VIEWS OF OFFICE BLOCKS

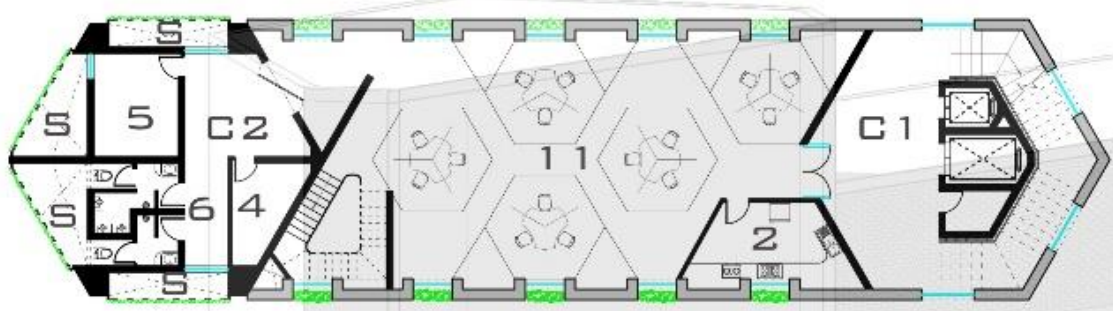
LAYOUTS OF EACH FLOOR



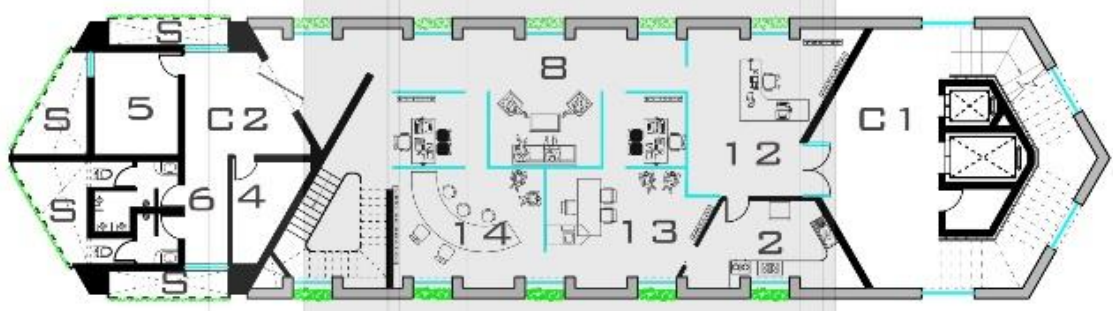
GROUND FLOOR PLAN TYPE 1



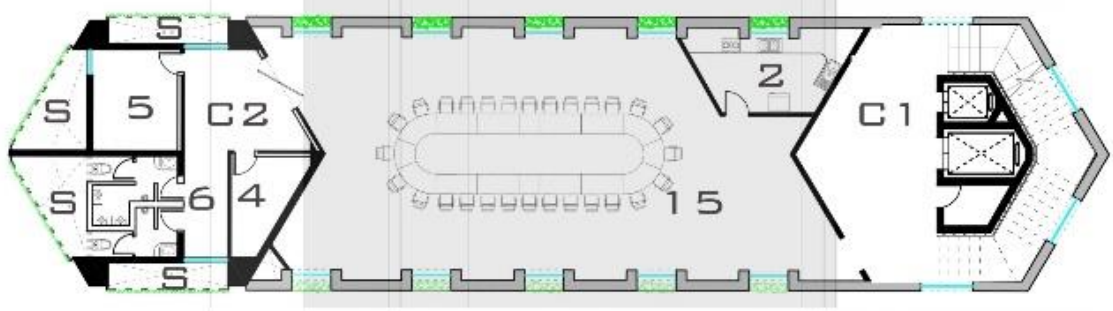
GROUND FLOOR PLAN TYPE 2



1ST -3RD LEVEL FLOOR PLAN

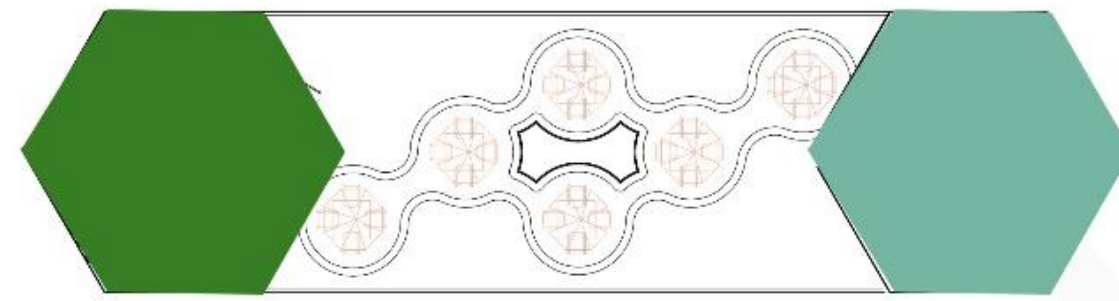


4TH -5TH LEVEL FLOOR PLAN



6TH LEVEL PLAN

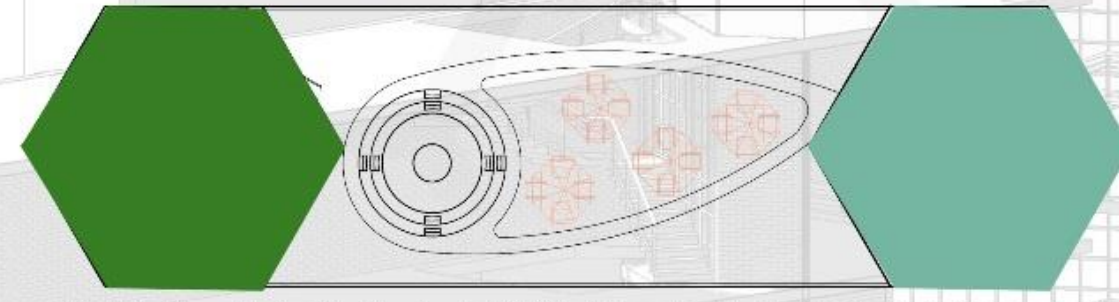
TERRACE GARDEN / CAFE LAYOUTS



1ST -3RD LEVEL TERRACE PLAN

LEGEND :

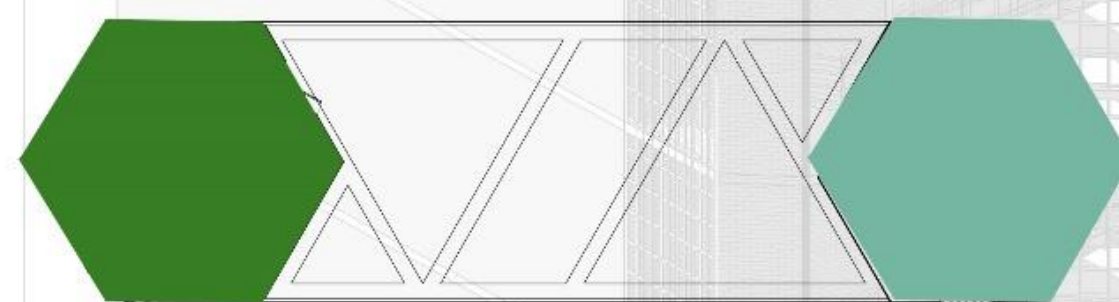
- 1) ENTRANCE FOYER
- 2) PANTRY
- 3) RECEPTION & WAITING AREA
- 4) STORE ROOM
- 5) CONTROL ROOM
- 6) TOILET AND LOBBY
- 7) RECEPTION & WAITING AREA
- 8) 2.6 M WIDE CORRIDOR
- 9 & 10) STATIONARY/ BANK/ ATM



4TH -5TH LEVEL TERRACE PLAN

LEGEND :

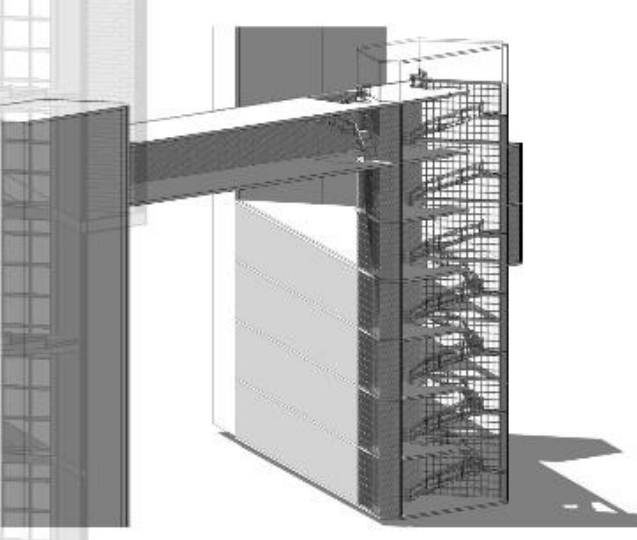
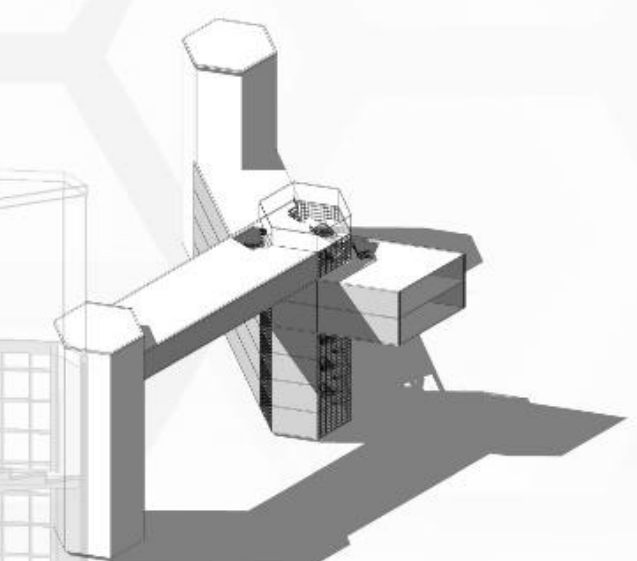
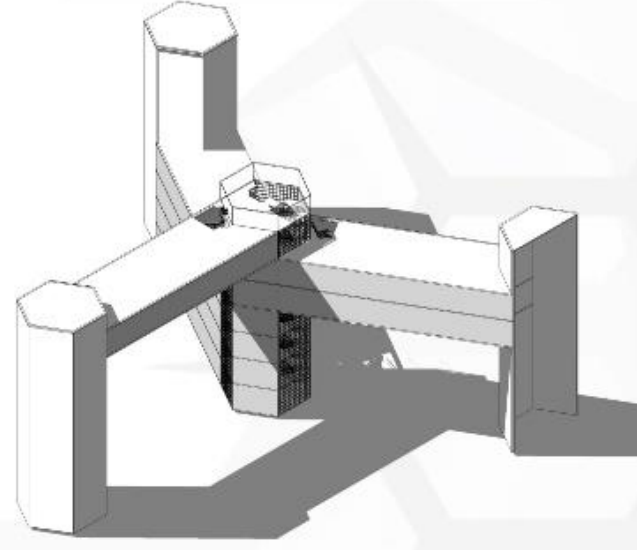
- 11) WORKING CUBICLES
- 12) RECEPTION LOBBY
- 13 & 14) PA & MANAGER OR DIRECTOR / SENIOR STAFF ROOMS
- 15) CONFERENCE ROOM
- C1) CORE 1 (LIFTS, STAIRCASE, FHC)
- C2) CORE 2
- S) SHAFTS



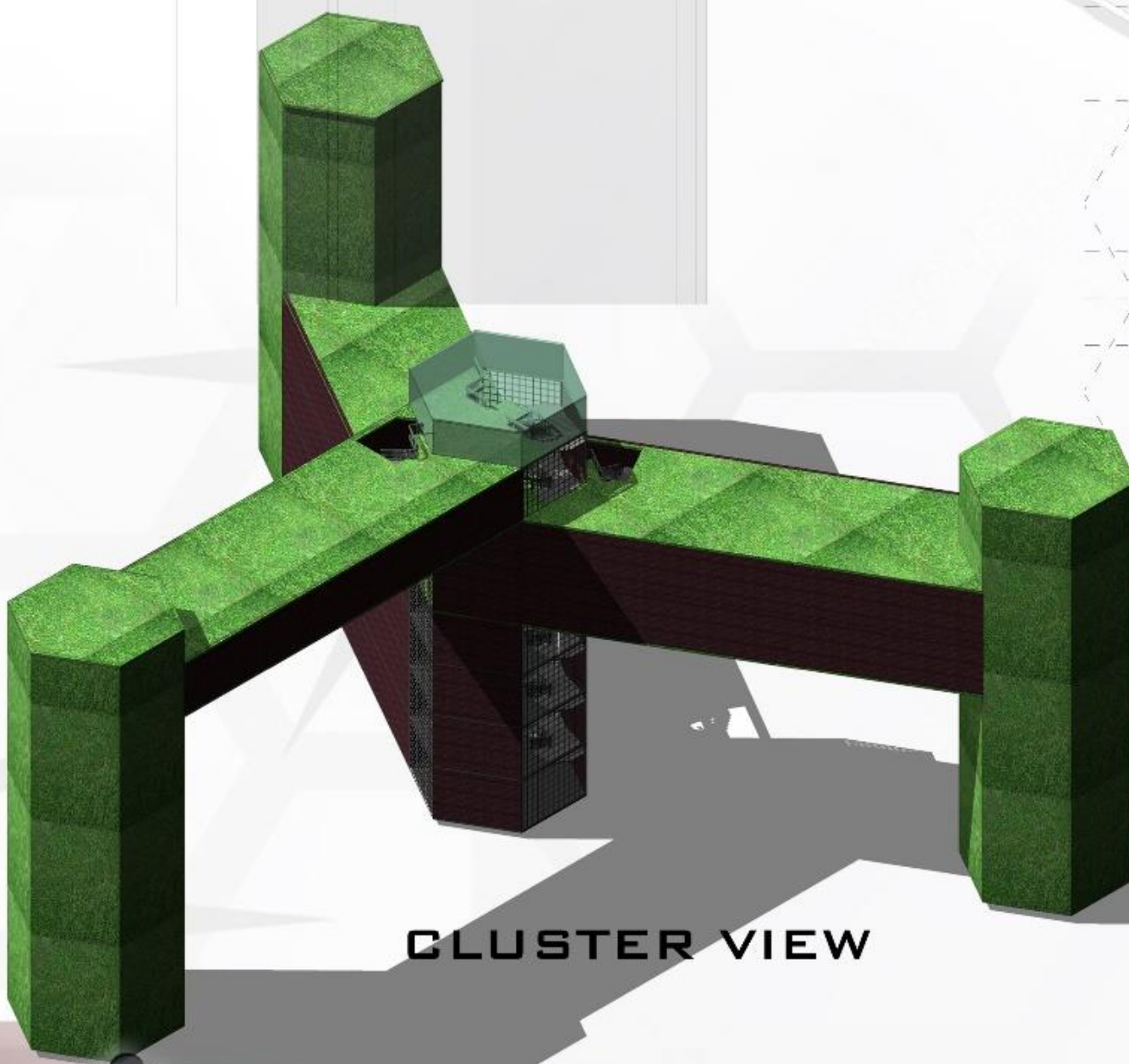
6TH LEVEL TERRACE PLAN

NOTE: TOTAL AREA OF EACH FLOOR PLATE IS 450 SQ.M.

STRUCTURE

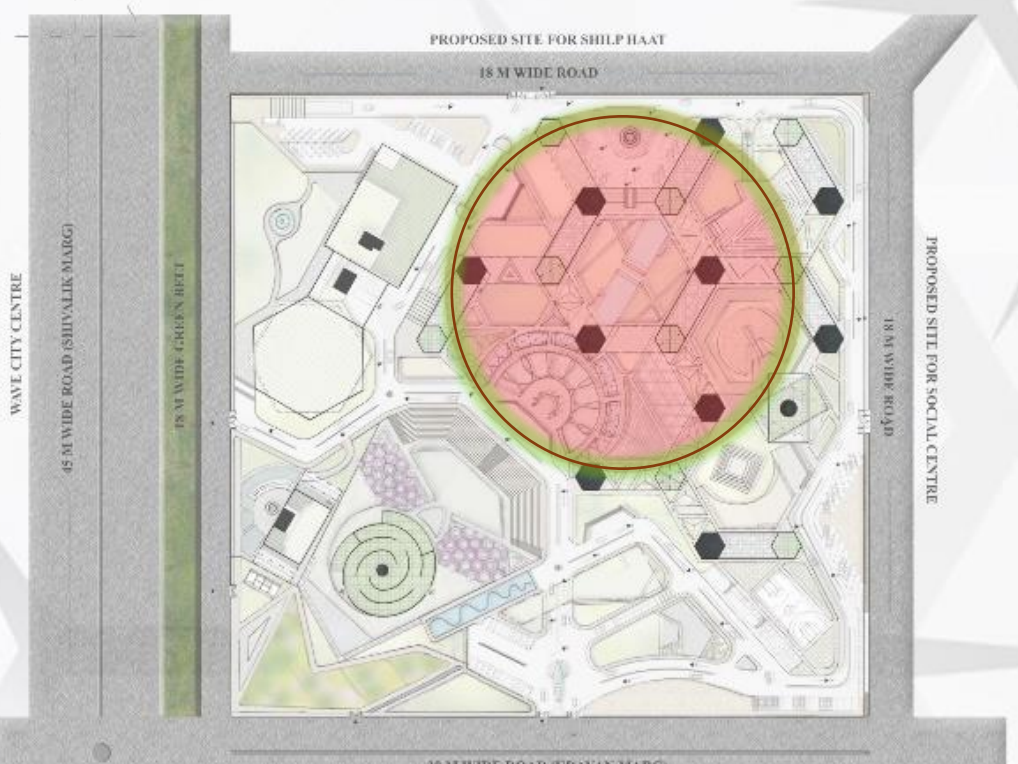
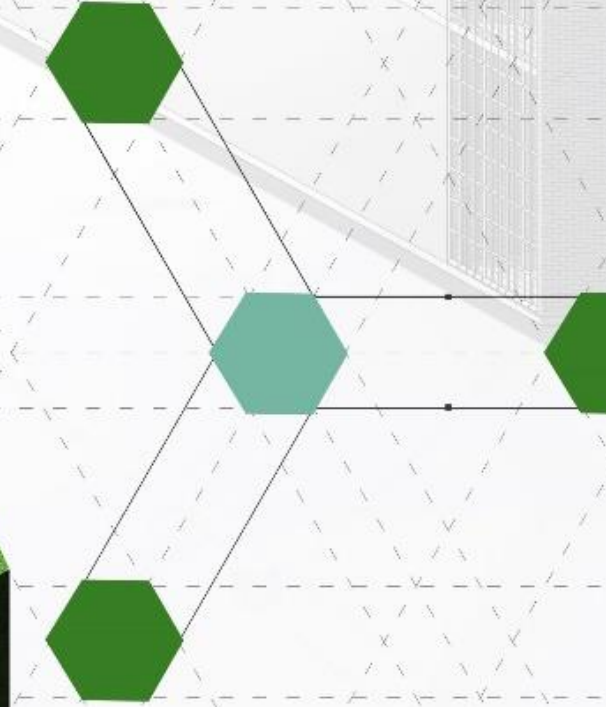


STRUCTURE DETAILS



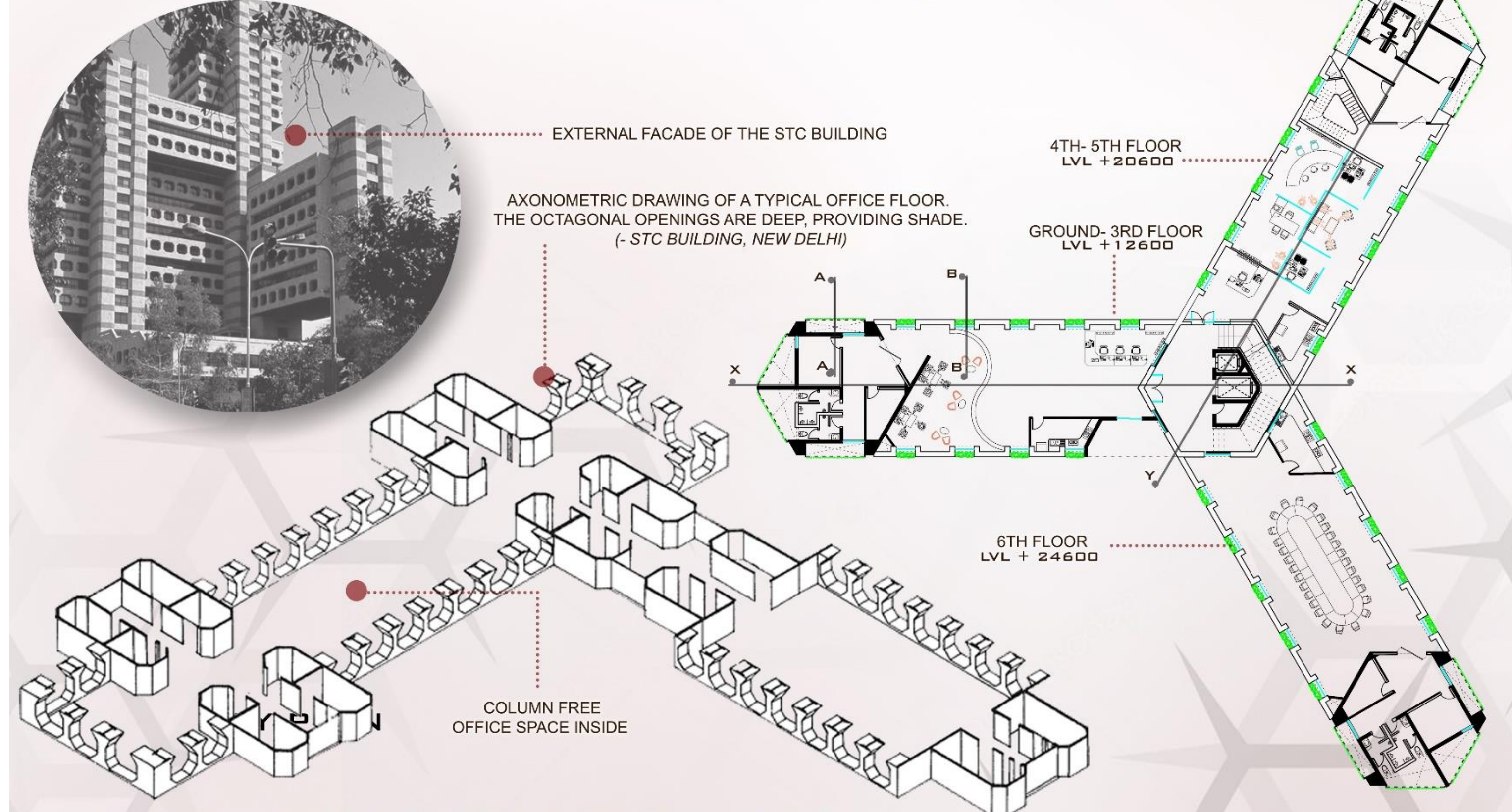
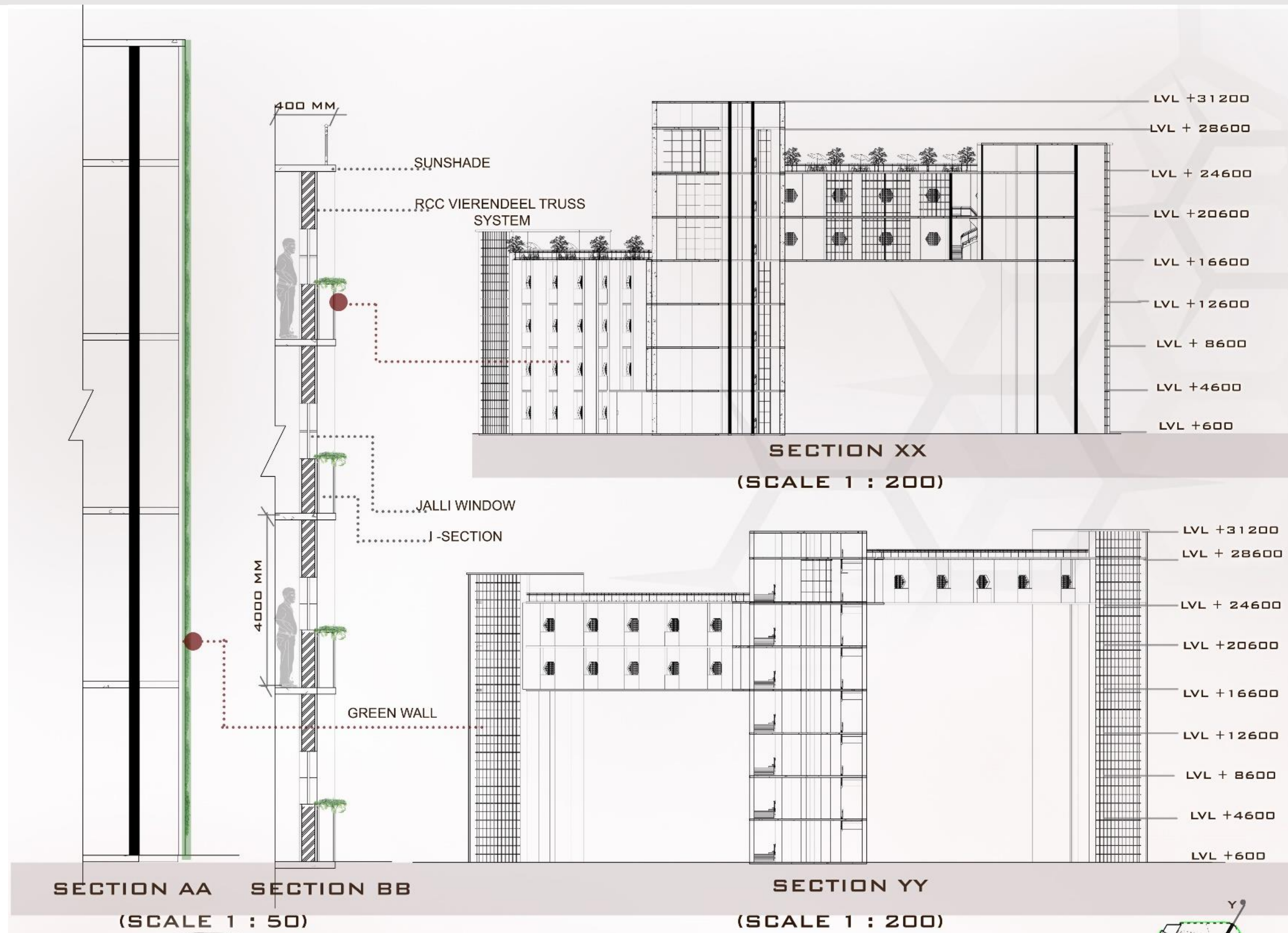
CLUSTER VIEW

CLUSTER PLAN



KEY PLAN

OFFICE BLOCK

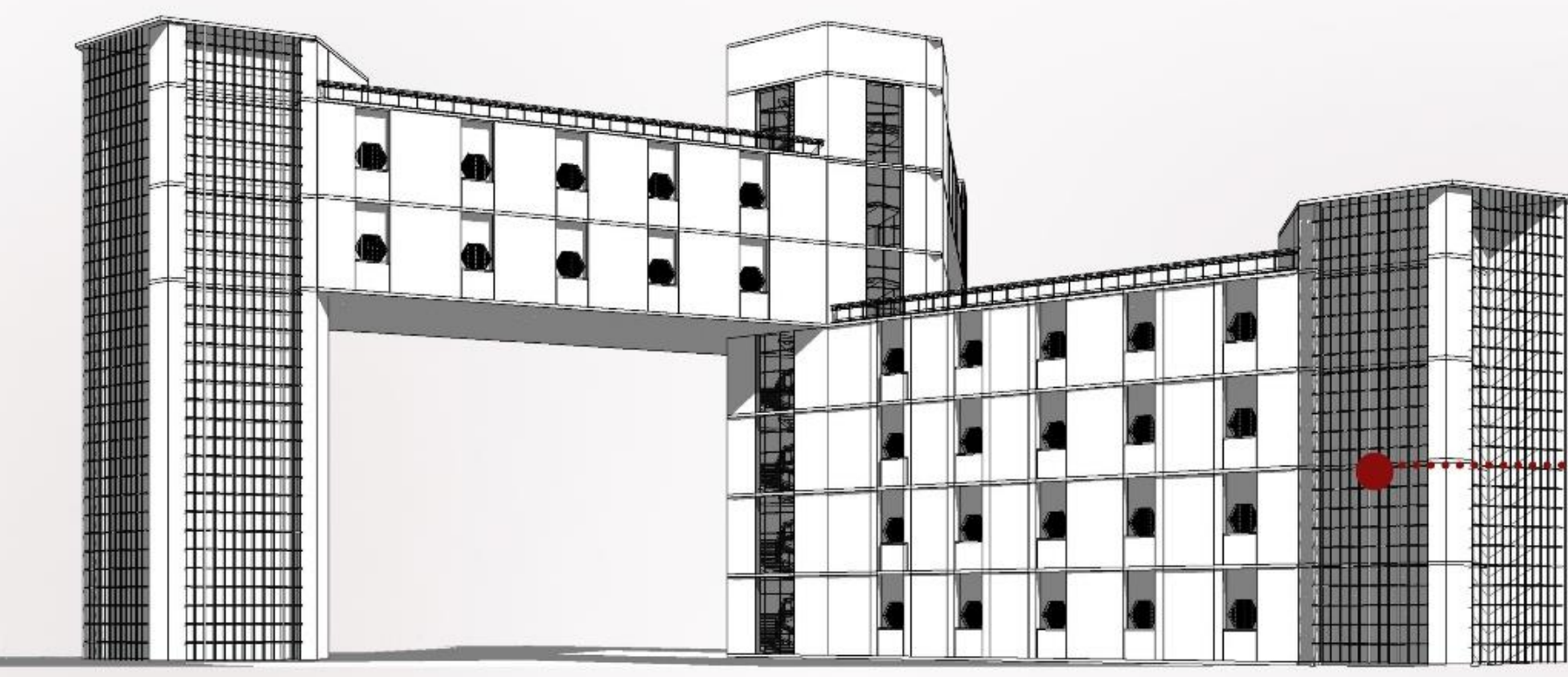


DETAIL OF RCC VIERENDEEL TRUSS IN STC BUILDING, NEW DELHI

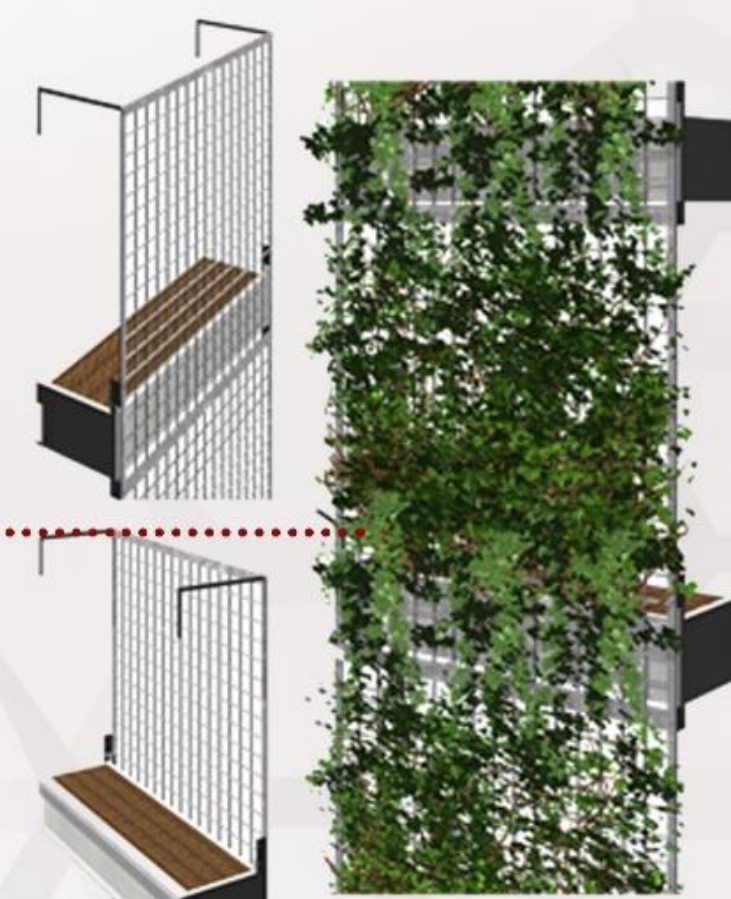
CLUSTER PLAN OF OFFICES AT DIFFERENT LEVELS

OFFICES BLOCK (STRUCTURAL DETAILS)

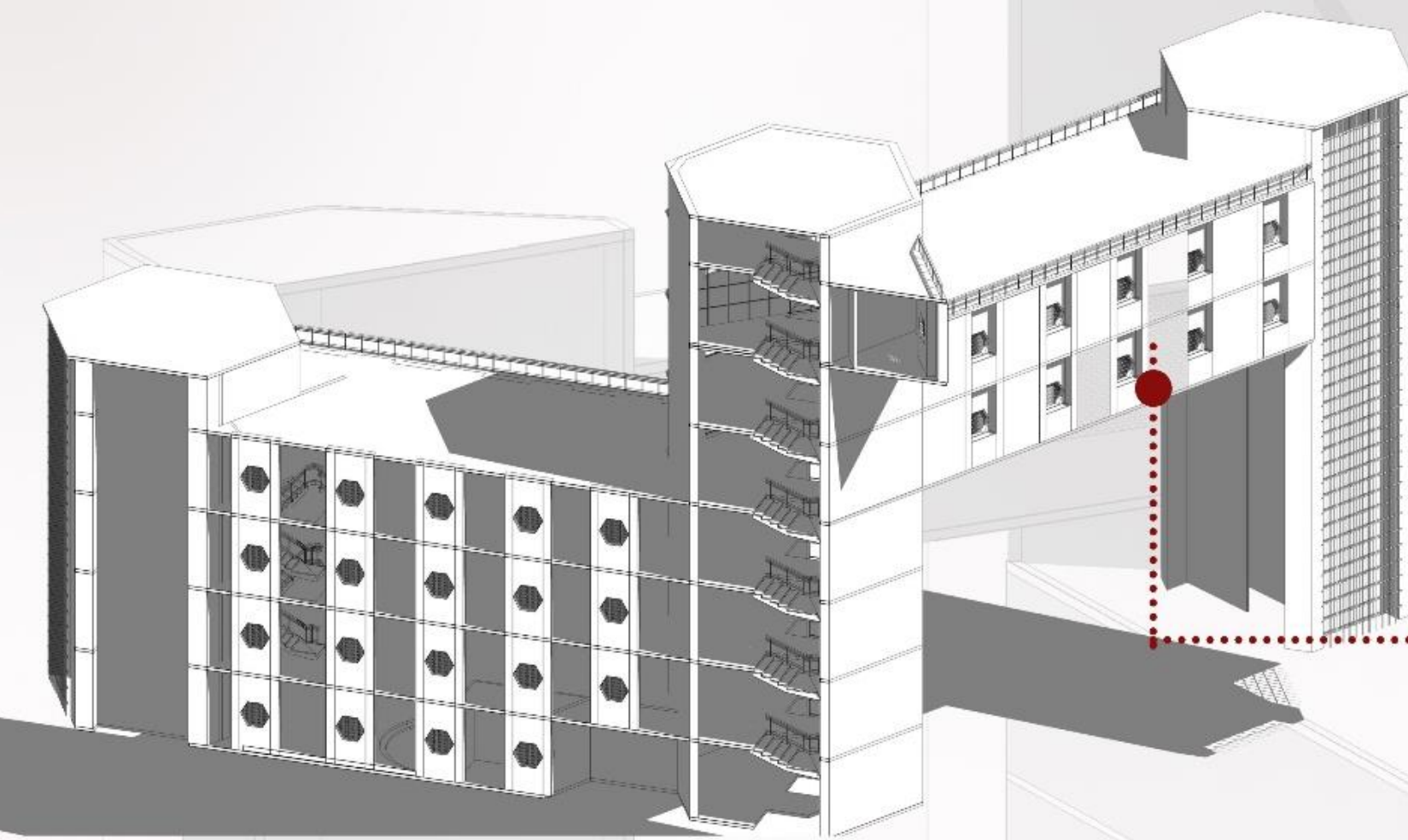
DETAILED DRAWINGS & 3D VIEWS OF OFFICE & LIBRARY BLOCKS



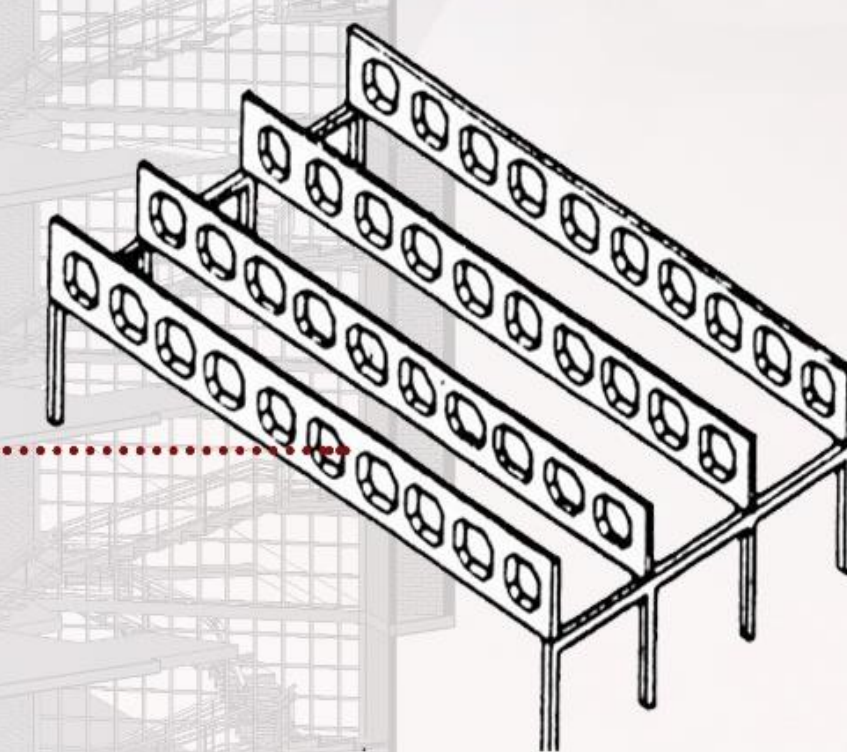
SECTIONAL ELEVATIONS AND 3D VIEWS



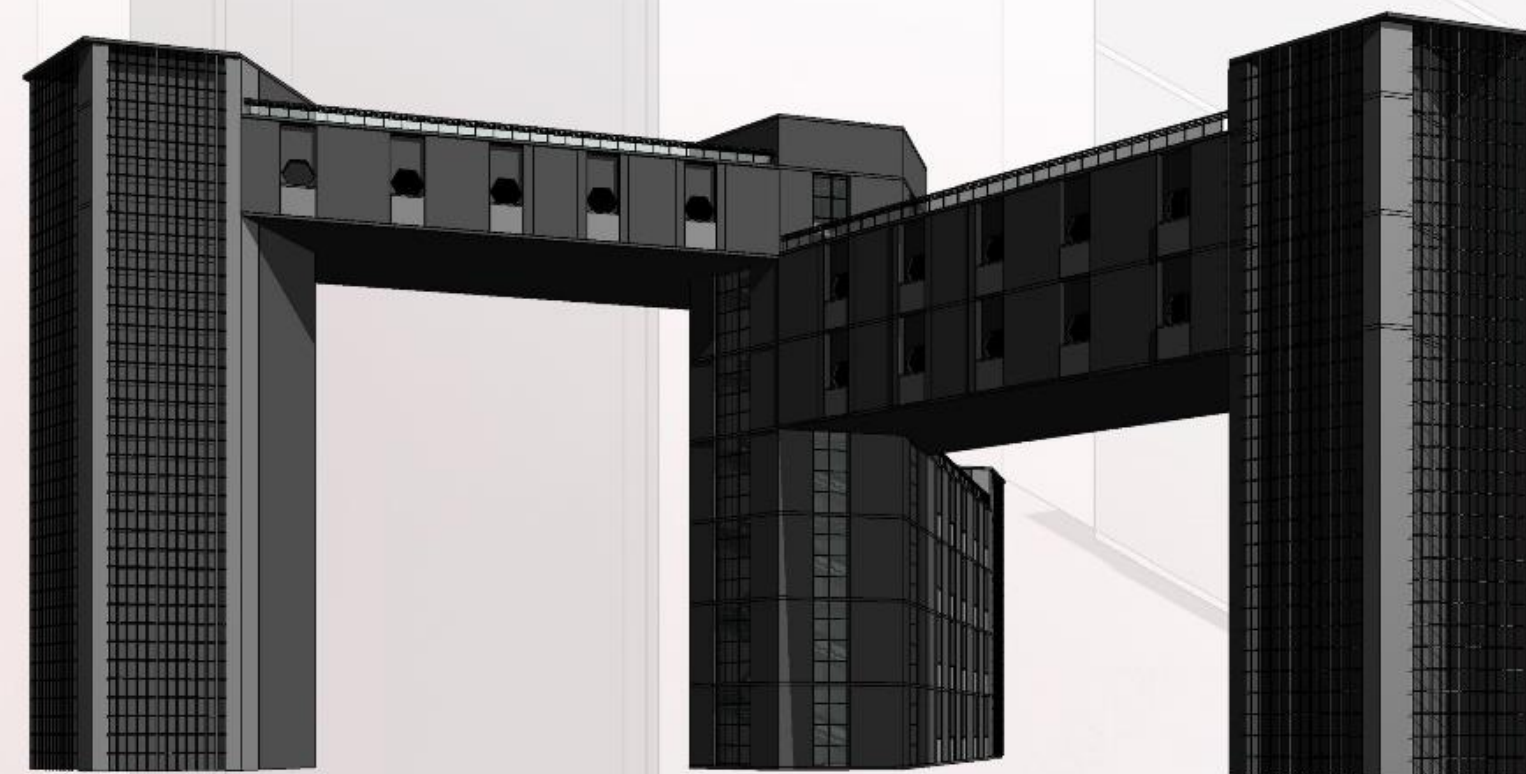
GREEN WALL



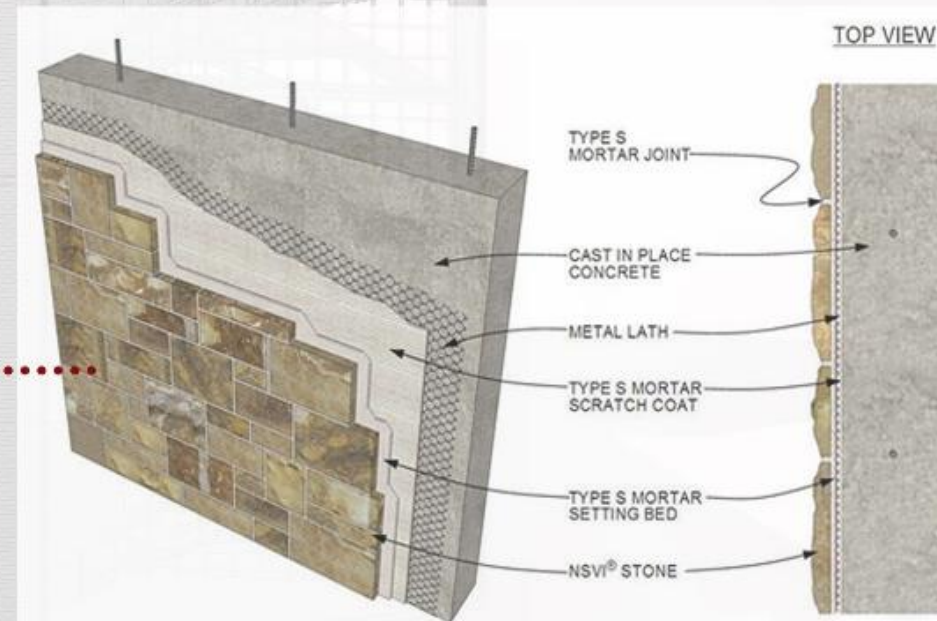
SECTIONAL ELEVATIONS AND 3D VIEWS



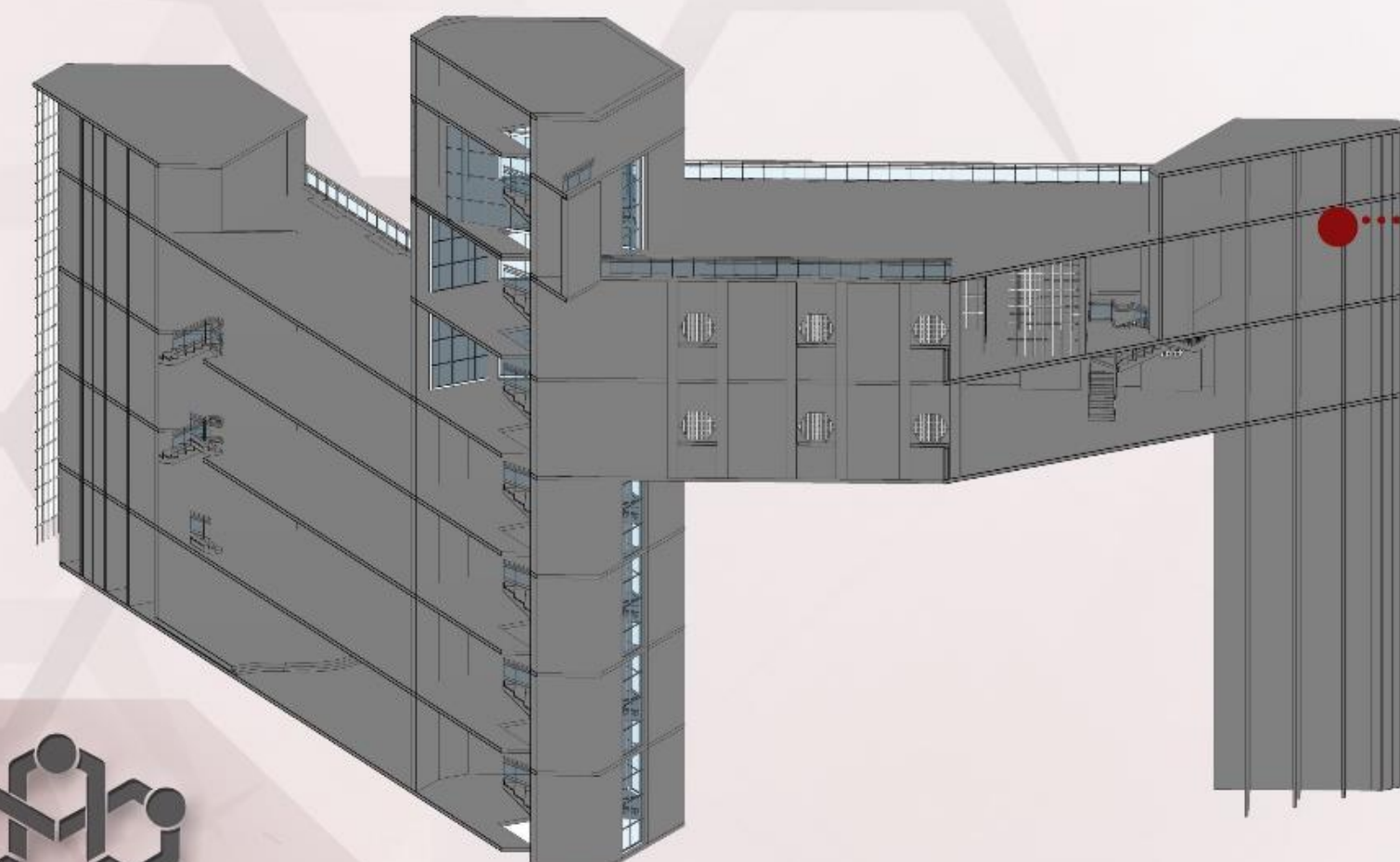
RCC VIERENDIEL TRUSS



SECTIONAL ELEVATIONS AND 3D VIEWS



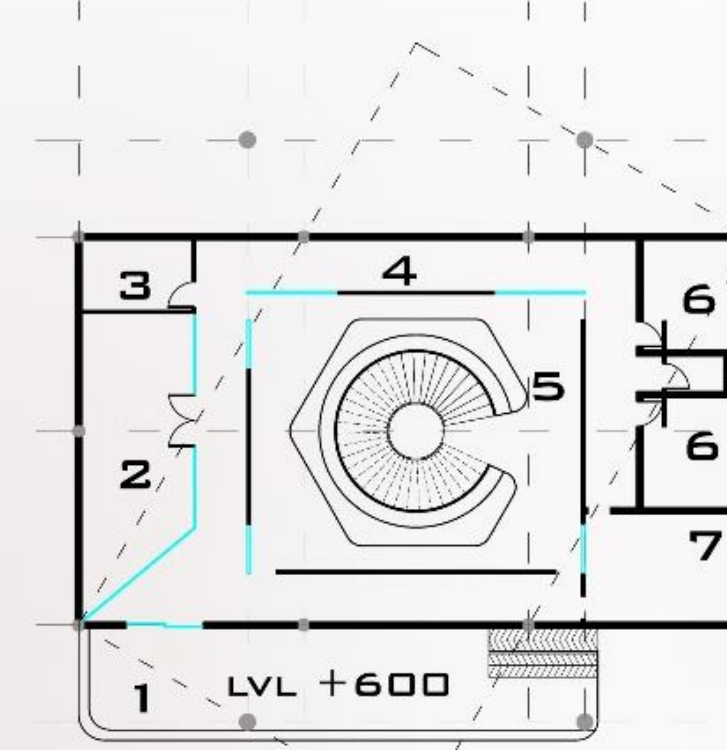
STONE FINISH



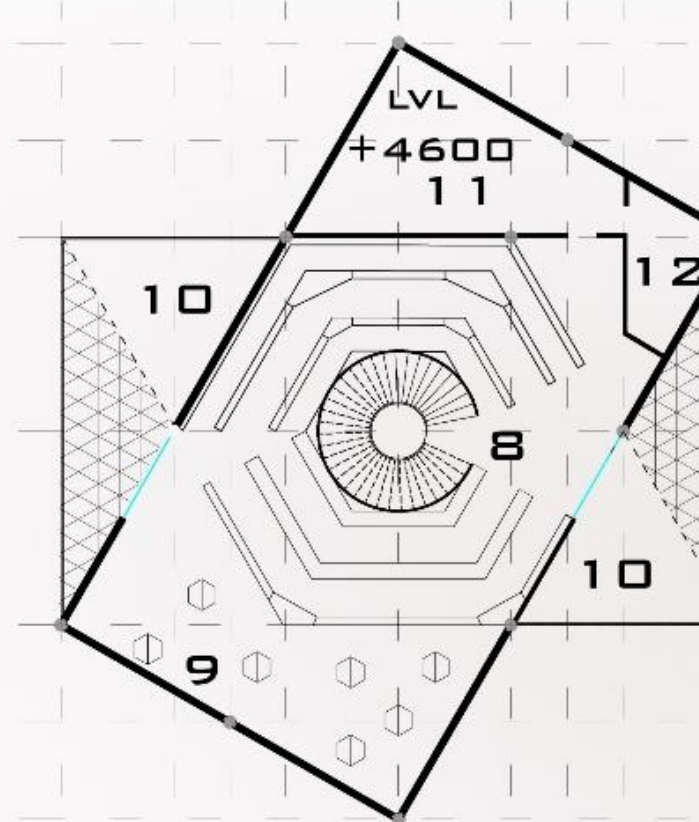
OFFICES BLOCK



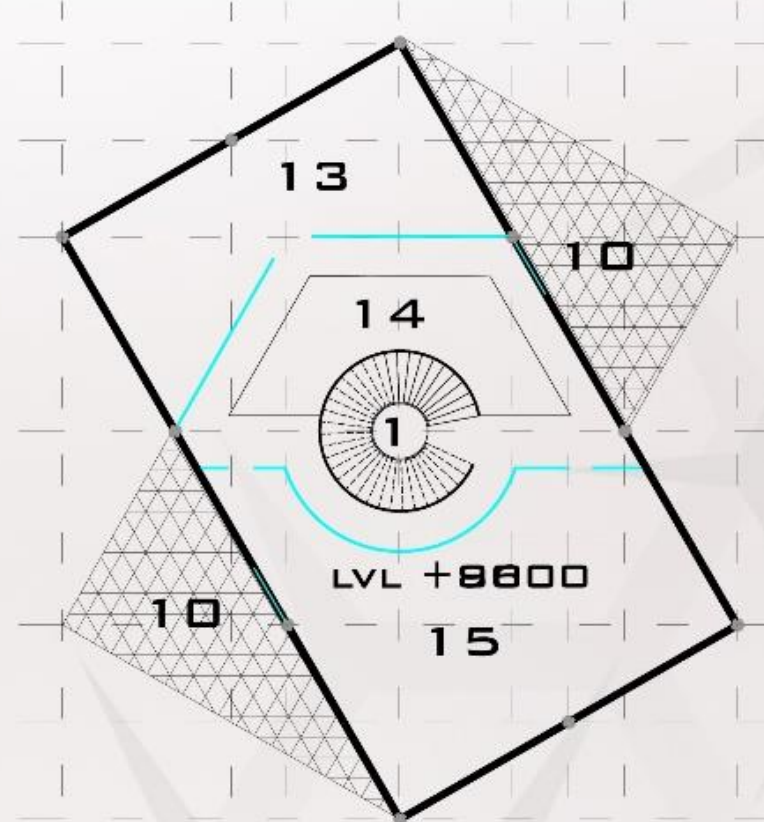
KEY PLAN



GROUND FLOOR PLAN



FIRST FLOOR PLAN

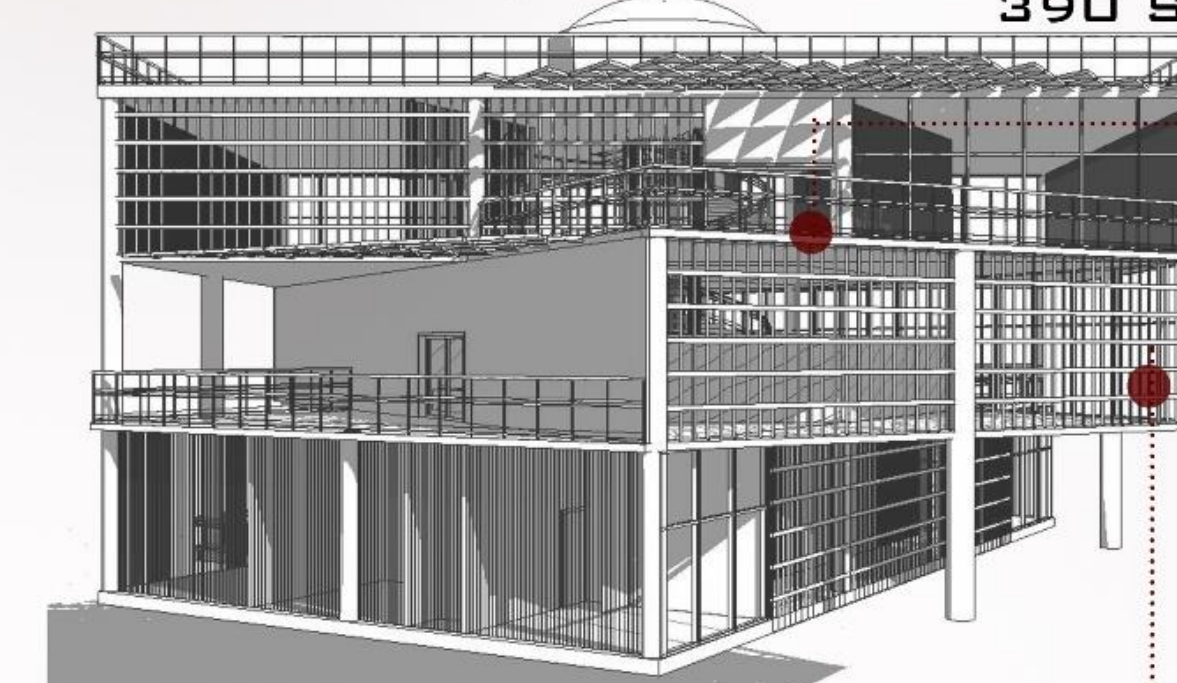


SECOND FLOOR PLAN

LEGEND:

- | | | | |
|--|--|--|--------------------------------------|
| 1) ENTRANCE FOYER | 6) TOILETS (20 SQ.MT. EACH) | 11) COMPUTER ROOM (56 SQ.MT.) | 15) LEARNING CENTRE (146 SQ.MT.) |
| 2) BOOK ISSUING OFFICE (45 SQ.MT.) | 7) LIBRARIAN'S OFFICE | 12) STORE (18 SQ.MT.) | 16) STAIRS CIRCULAR CORE (30 SQ.MT.) |
| 3) XEROX & PRINTING (12 SQ.MT.) | 8) STACK AREA & SILENT STUDY ZONE (215 SQ.MT.) | 13) CLOSED STACK / DISPLAY (92 SQ.MT.) | |
| 4) 2.6 M WIDE CORRIDOR | 9) GROUP STUDY ZONE (95 SQ.MT.) | 14) OPEN DISPLAY AREA (140 SQ.MT.) | |
| 5) AUDIO-VISUAL ROOM & CORE (142 SQ.MT.) | 10) BALCONIES (60 SQ.MT. EACH) | | |

390 SQ.MT. EACH FLOOR PLANS

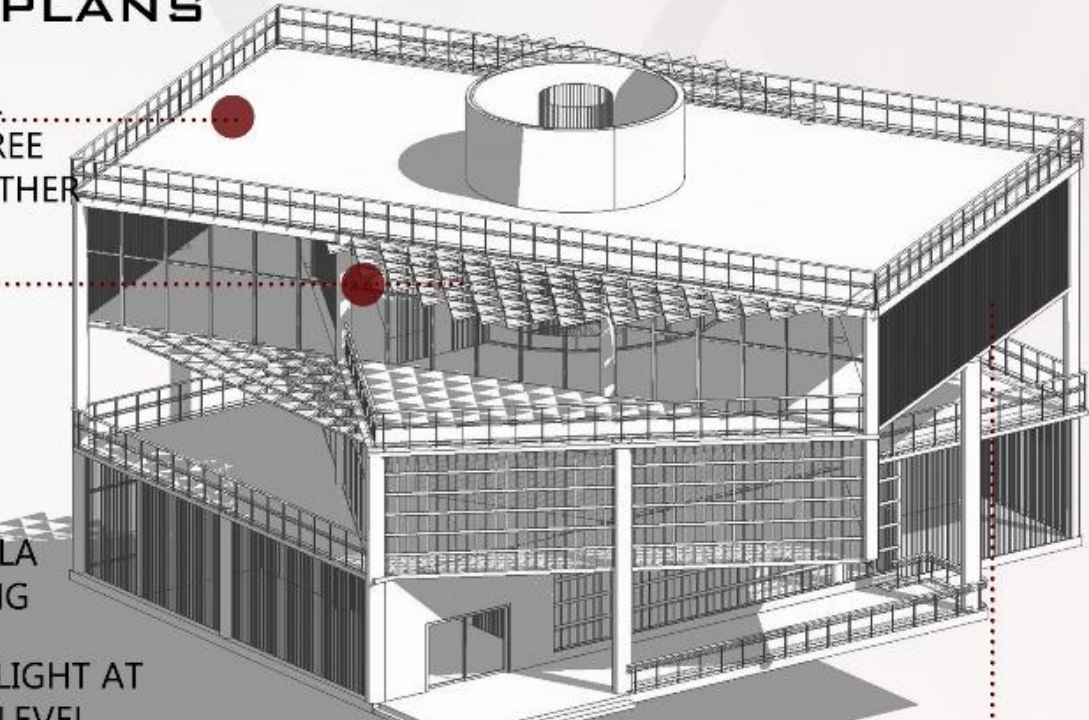


NORTH-EAST FACADE VIEW

CREATION OF TERRACED LEVEL STRUCTURE IN THE FORM OF THREE BOOKS STACKED ABOVE ONE ANOTHER

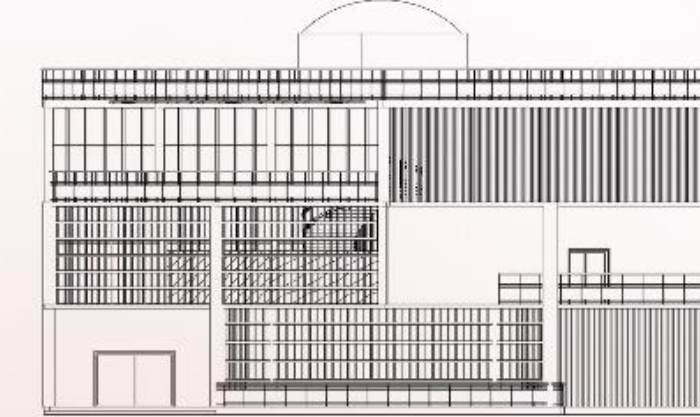
SHADED BALCONY WITH PERGOLA FOR OUTDOOR READING

CENTRAL SKYLIGHT AT MUMPTY LEVEL



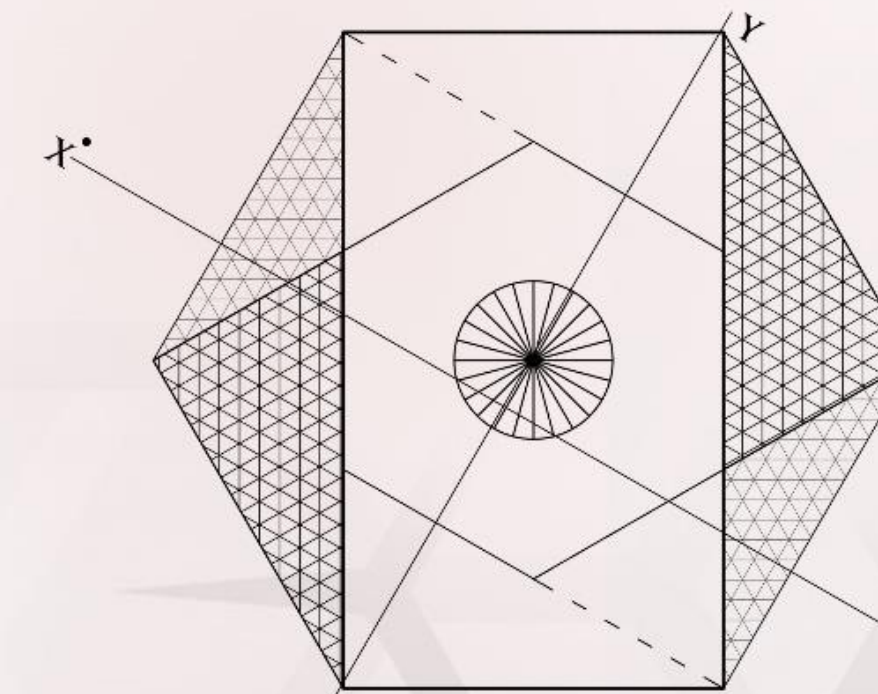
SOUTH-WEST FACADE VIEW

PATTERNED JALLI WALL WITH GLASS TO ALLOW DIRECT AS WELL AS DIFFUSE LIGHT INSIDE



FRONT ELEVATION

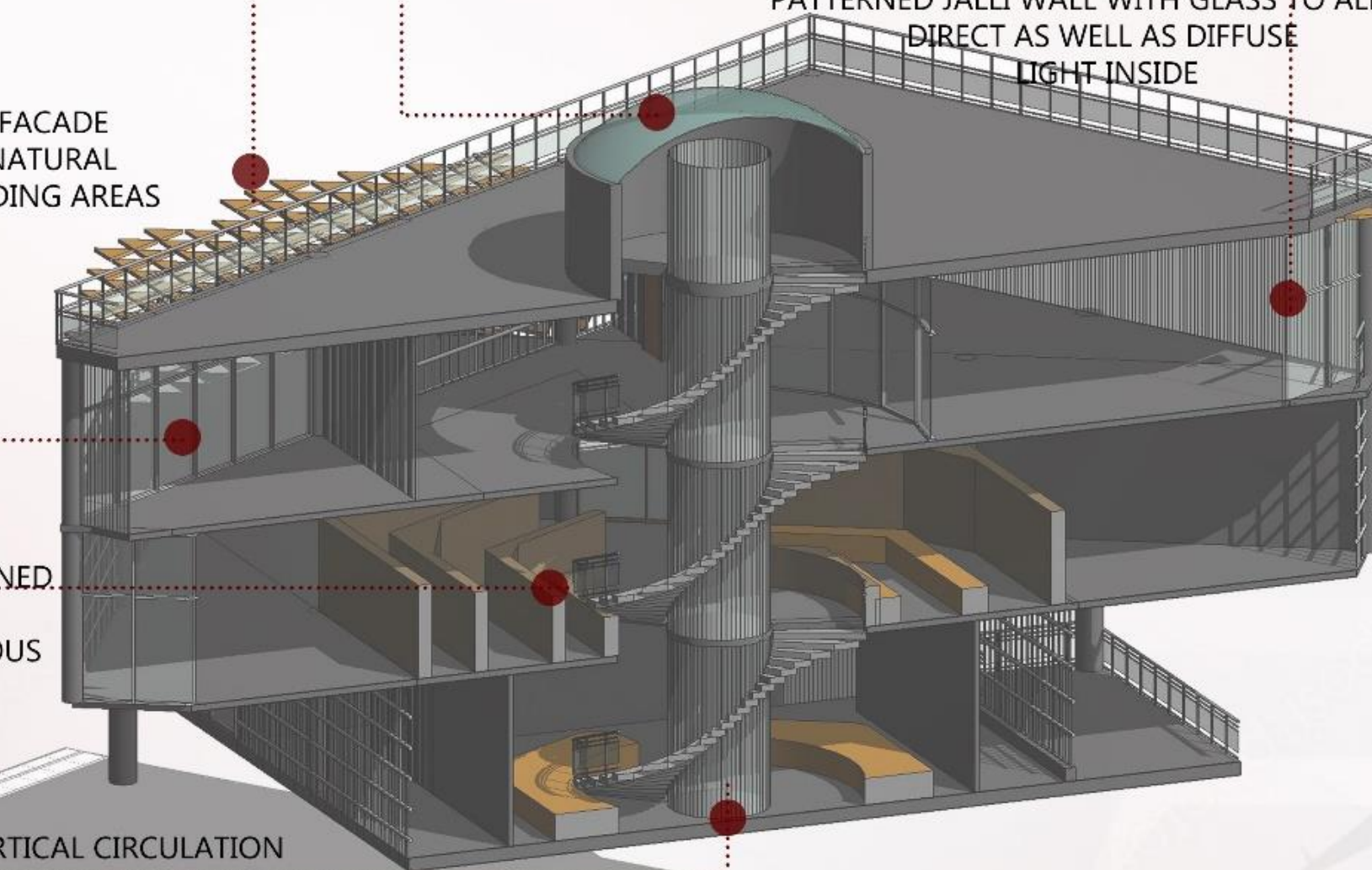
ALTERNATE GLASS FACADE TO INCORPORATE NATURAL LIGHTING INSIDE READING AREAS



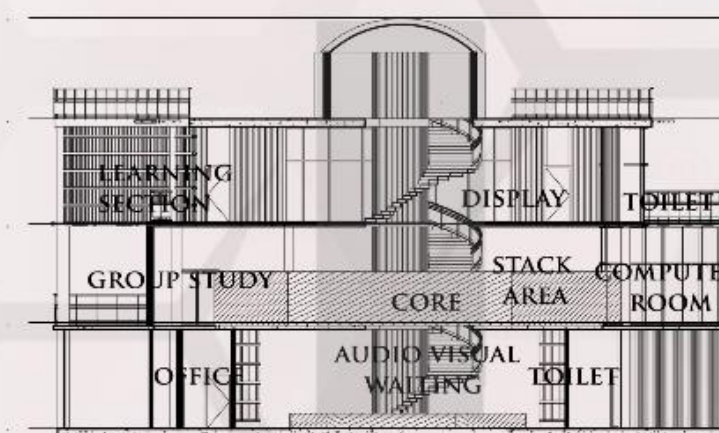
TOP VIEW

STACK AREAS ARE DESIGNED IN SUCH A WAY TO DISTINGUISH THE VARIOUS STUDY ZONES

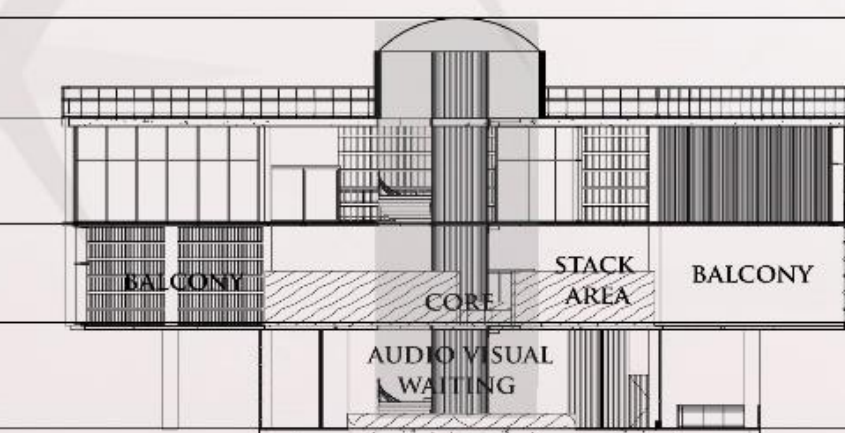
CENTRAL CORE FOR VERTICAL CIRCULATION AND TO HAVE BETTER / CLEAR VISIBILITY FROM CORNERS



SECTIONAL VIEW (YY)



SECTION XX

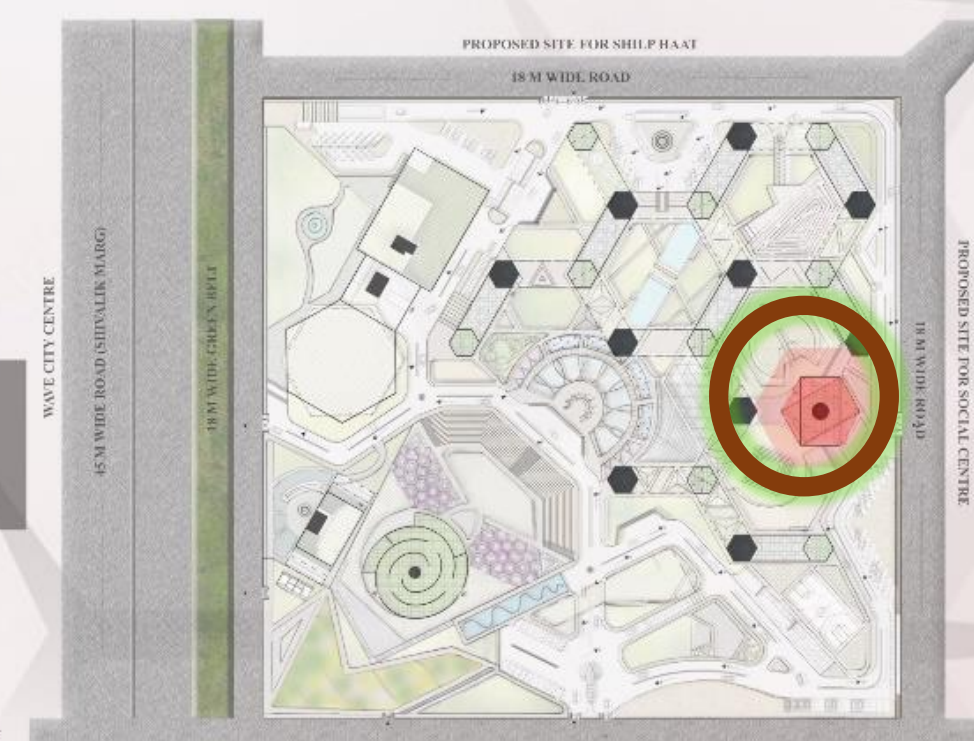


SECTION YY

- MUMPTY LVL (LVL + 16500)
- 3F LVL (LVL + 12600)
- 2F LVL (LVL + 8600)
- 1F LVL (LVL + 4600)
- PLINTH LVL (LVL + 600)

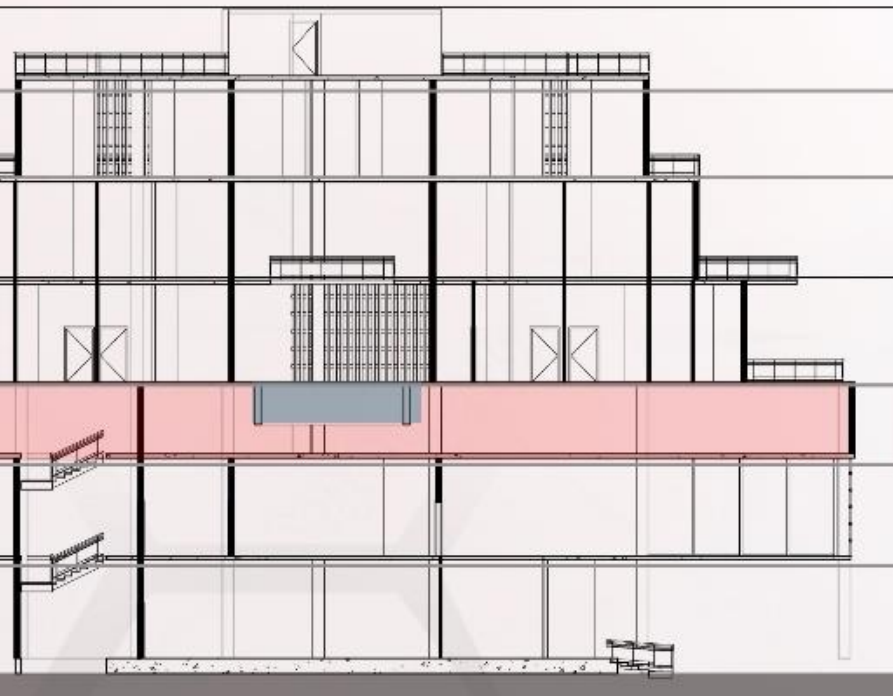
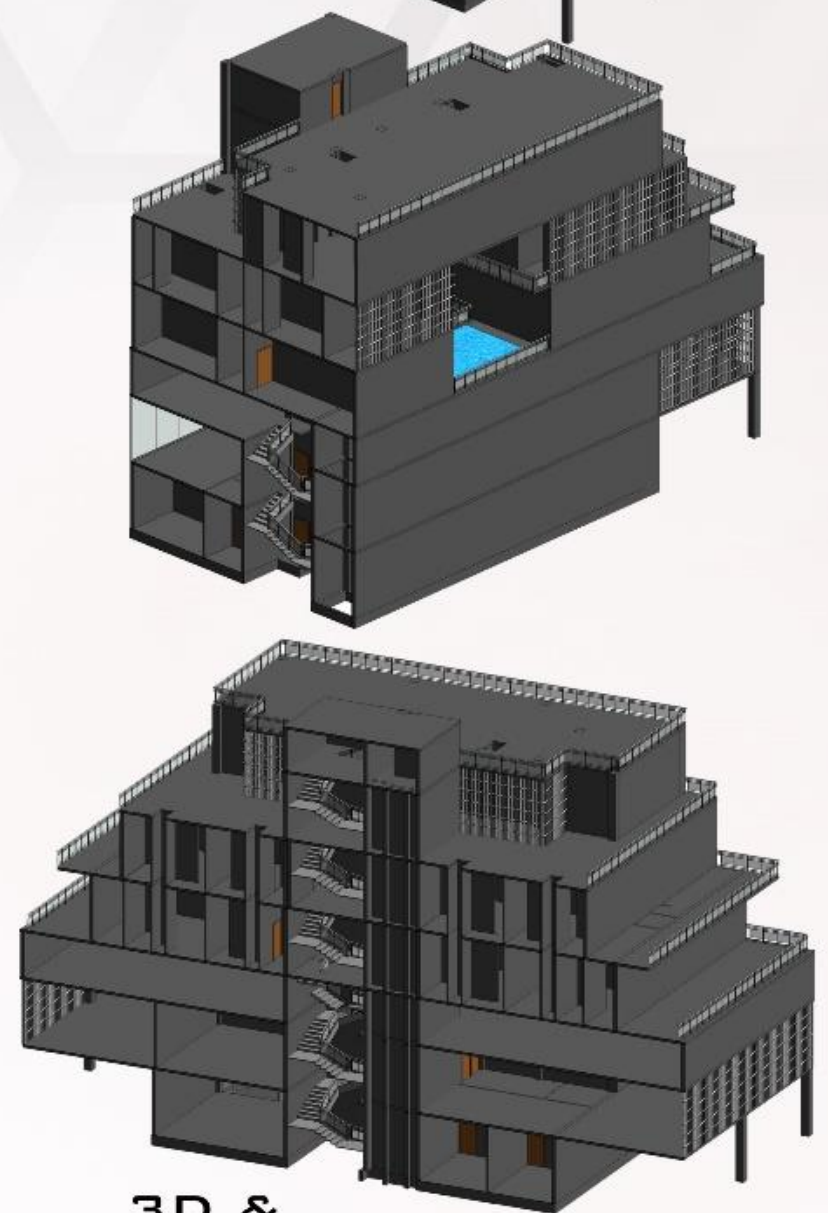
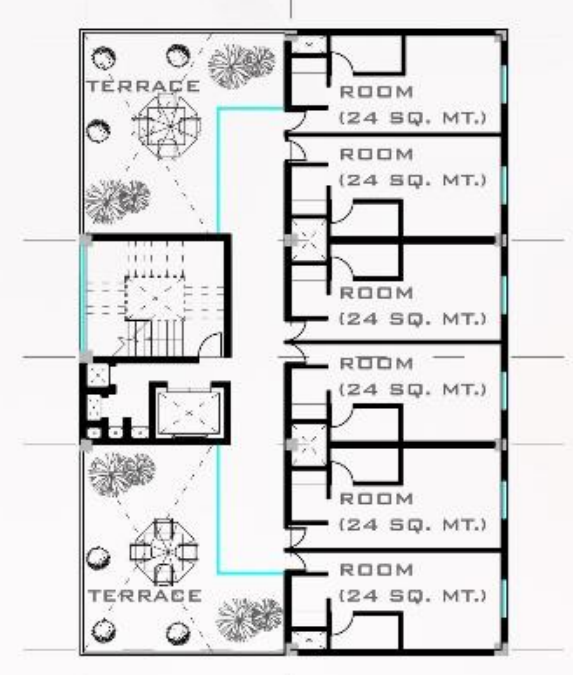
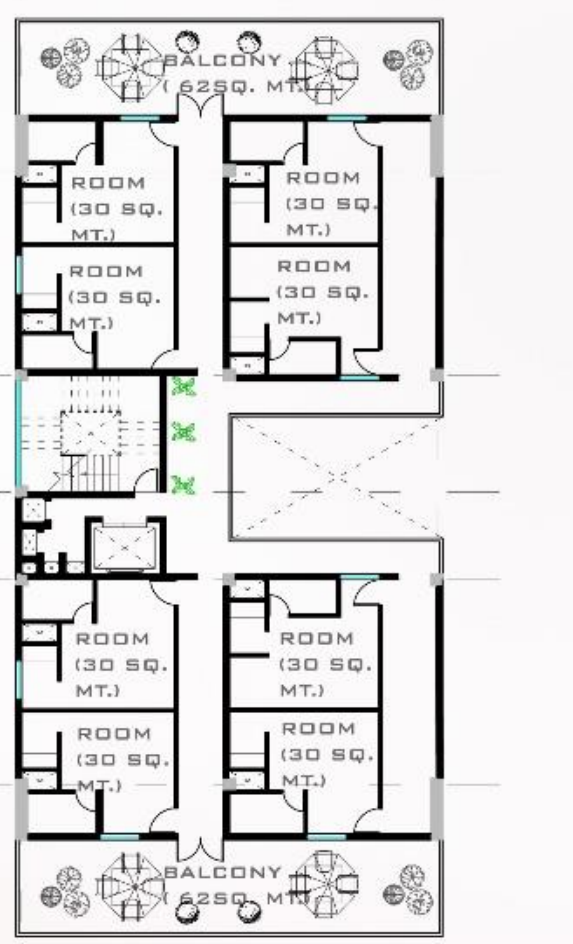
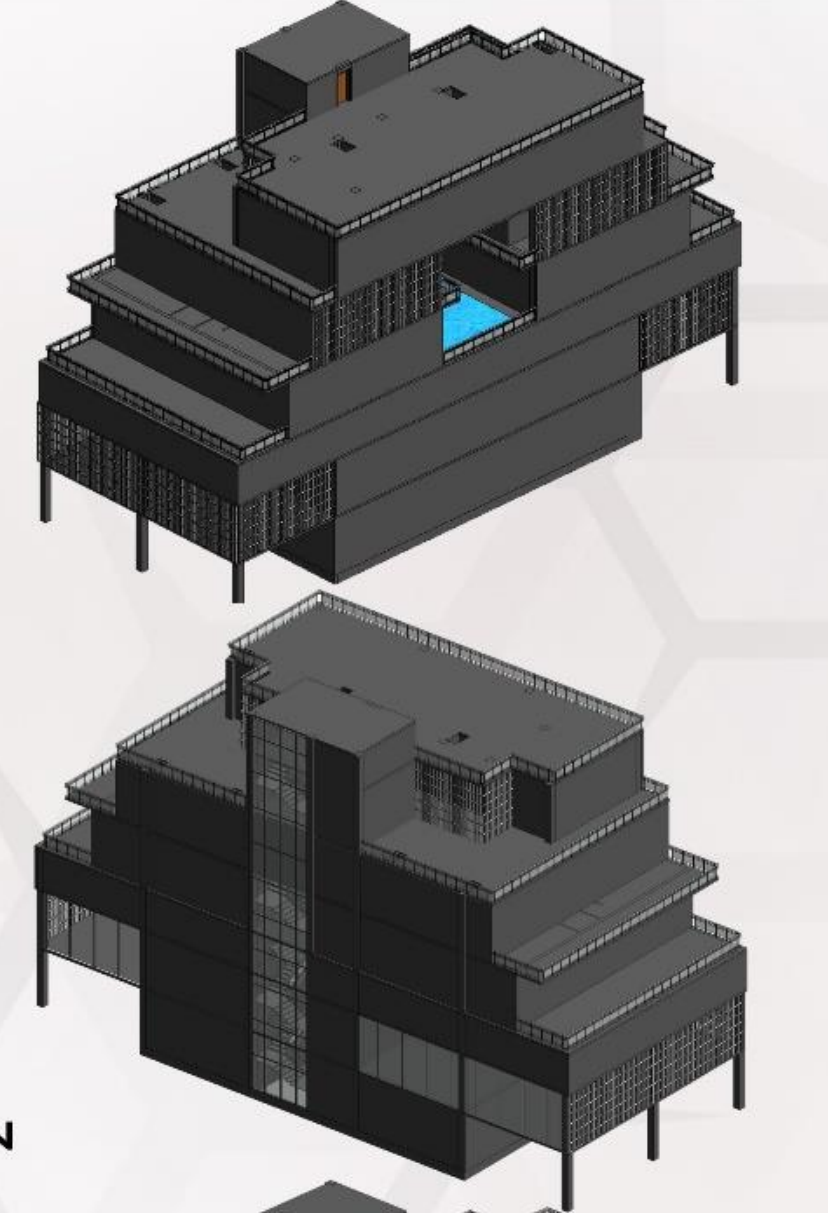
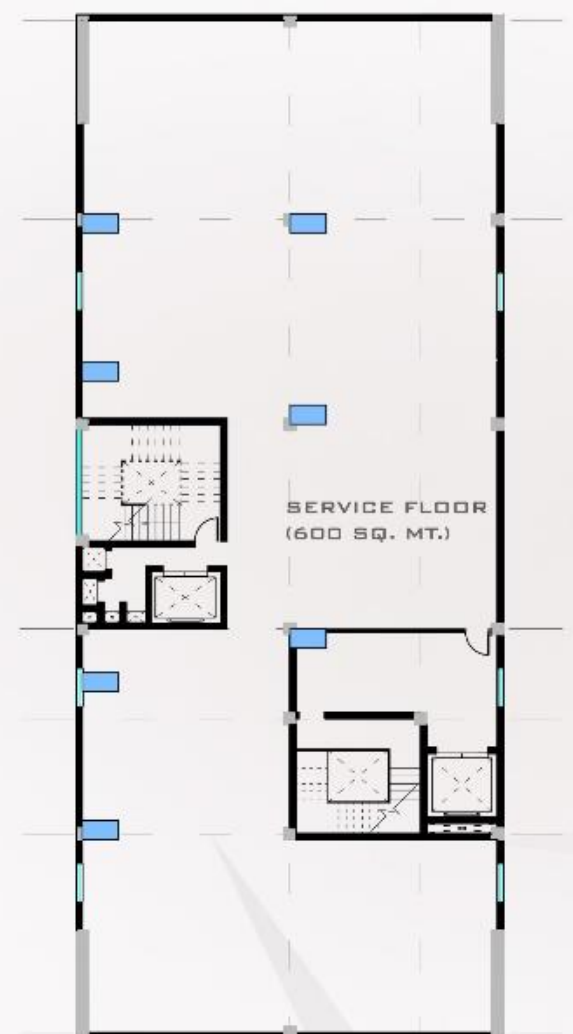


LIBRARY BLOCK



KEY PLAN

DETAILED DRAWINGS & 3D VIEWS OF GUEST ROOM'S BLOCK, ART GALLERY & RESTAURANT

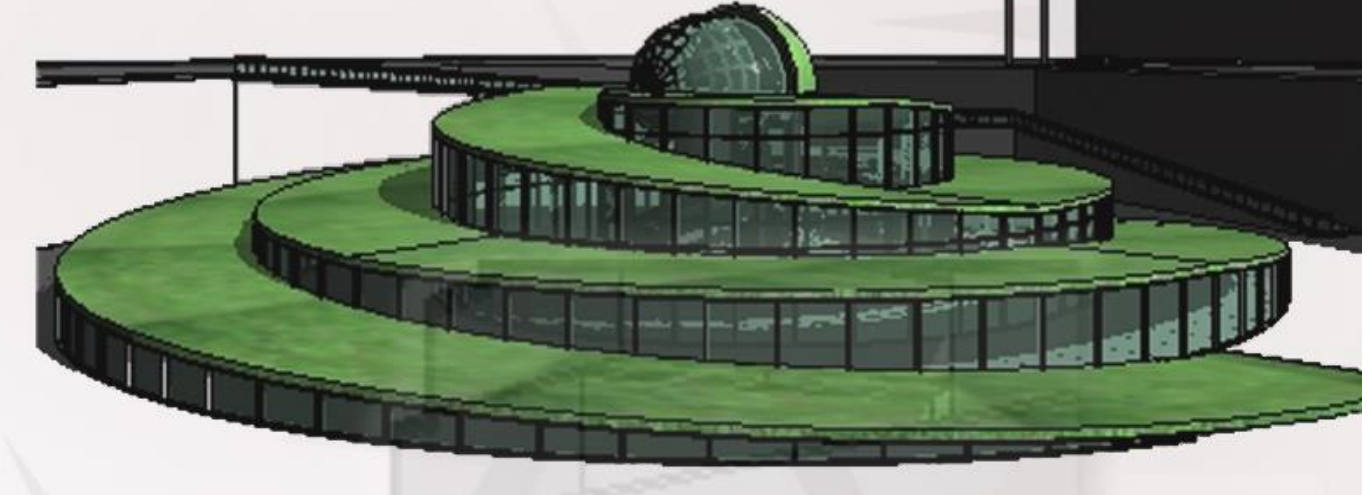
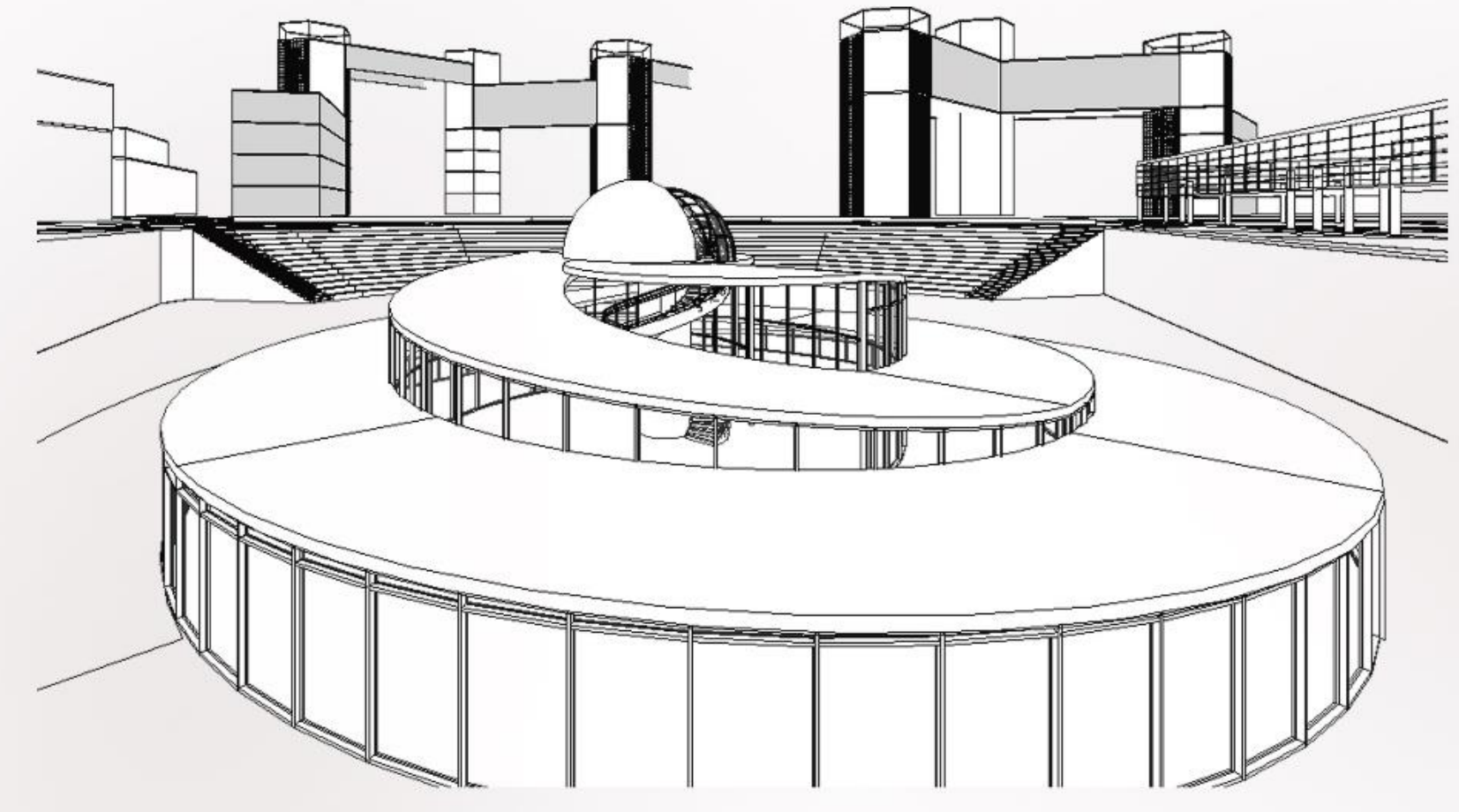
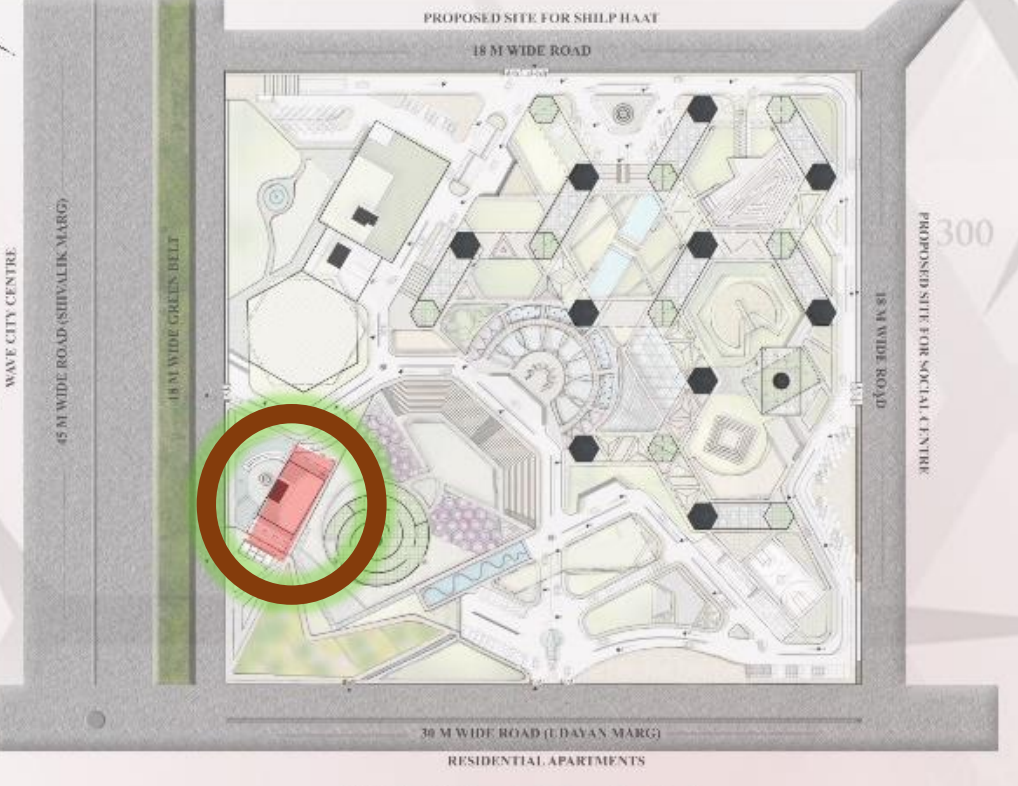
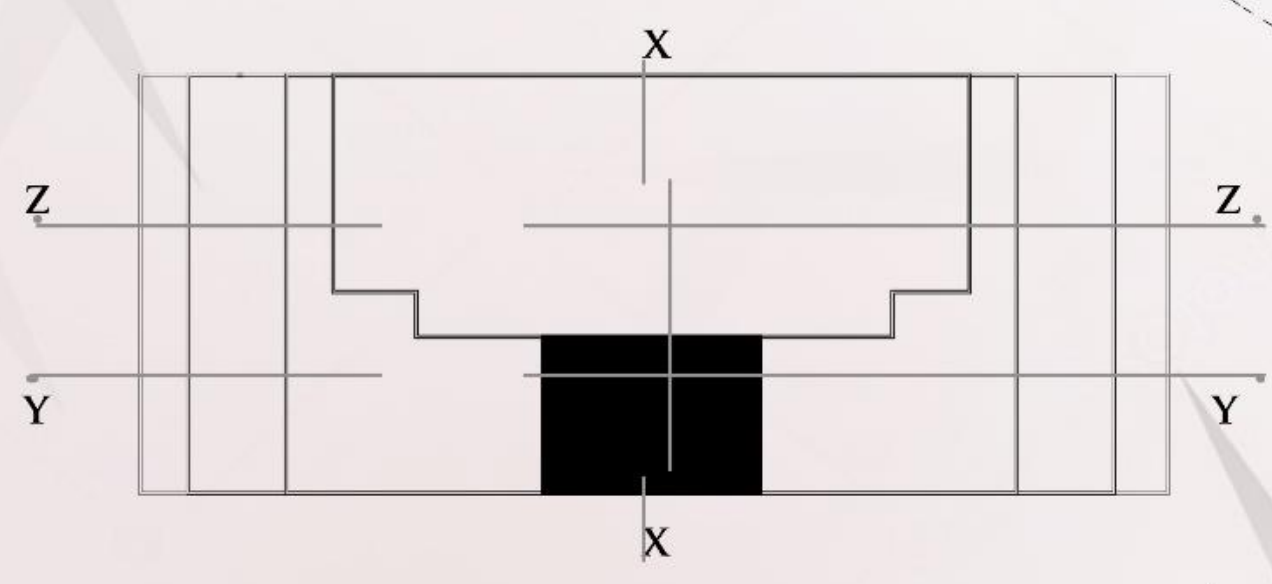


- 3D & SECTIONAL VIEWS**
- MUMPTY LVL (+1900)
 - TERRACE LVL (16600)
 - 5F LVL (12600)
 - 4F LVL (+8600)
 - 3F LVL (+4600)
 - 2F LVL (+4600)
 - 1F LVL (+4600)
 - GF LVL (+600)

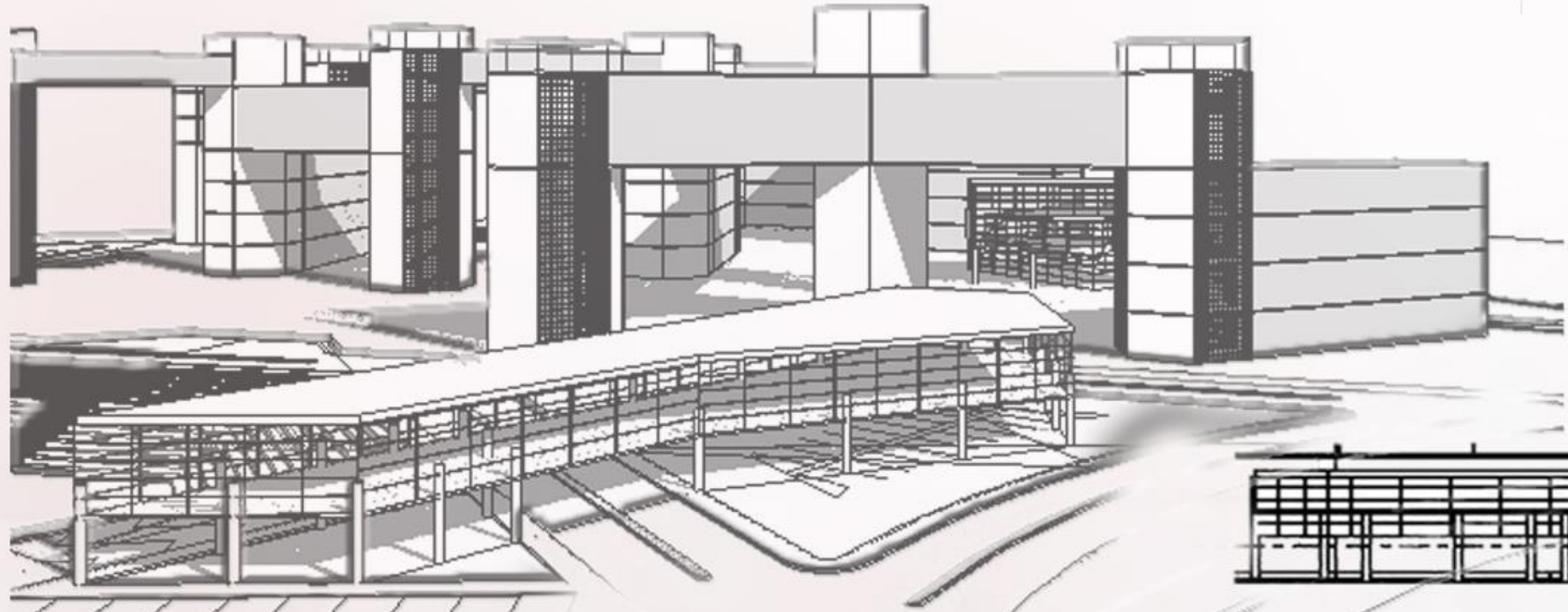
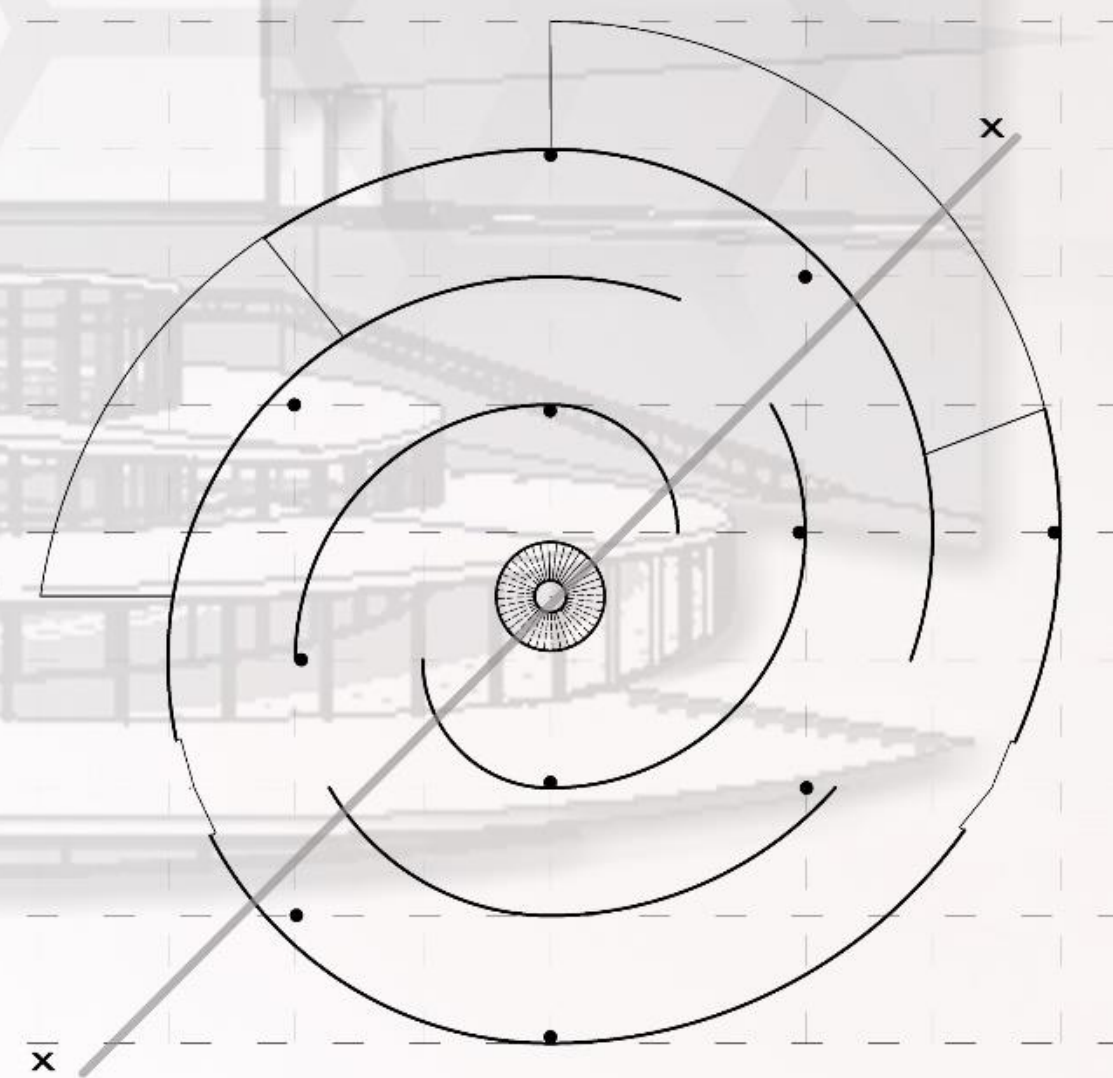
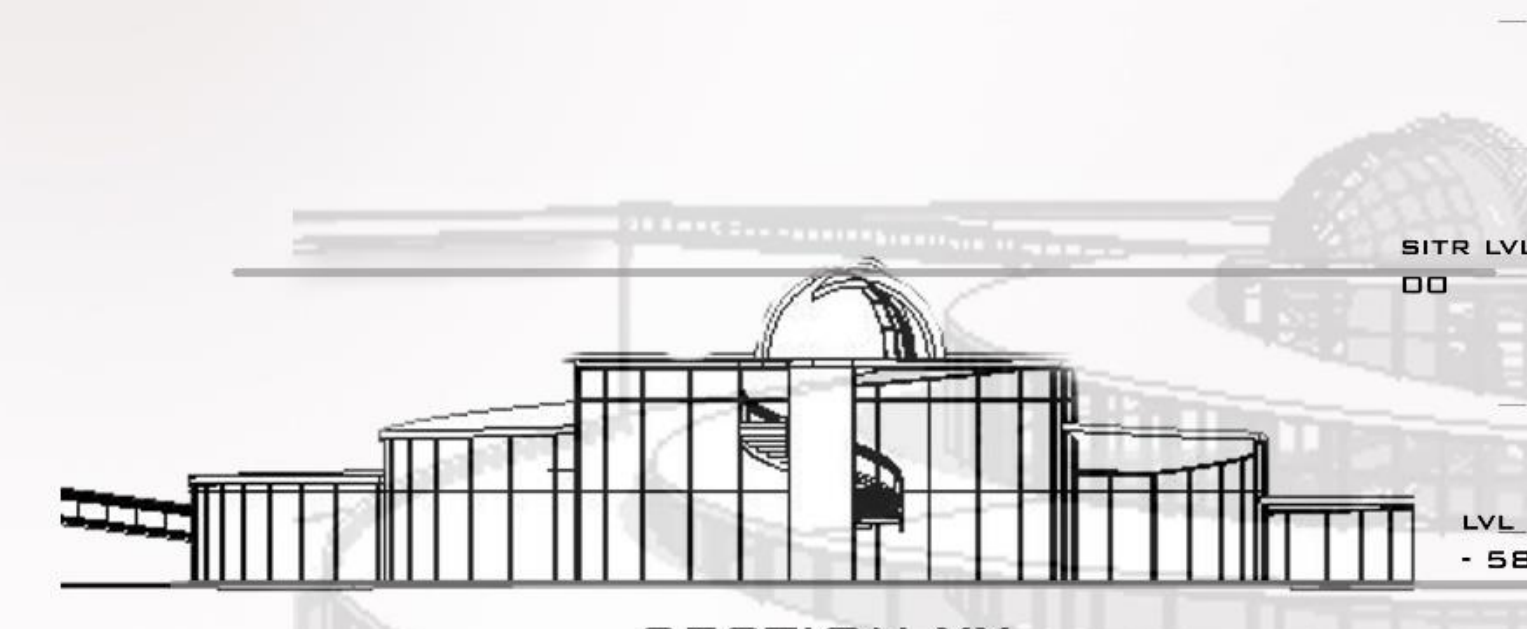
SECTION XX

SECTION YY

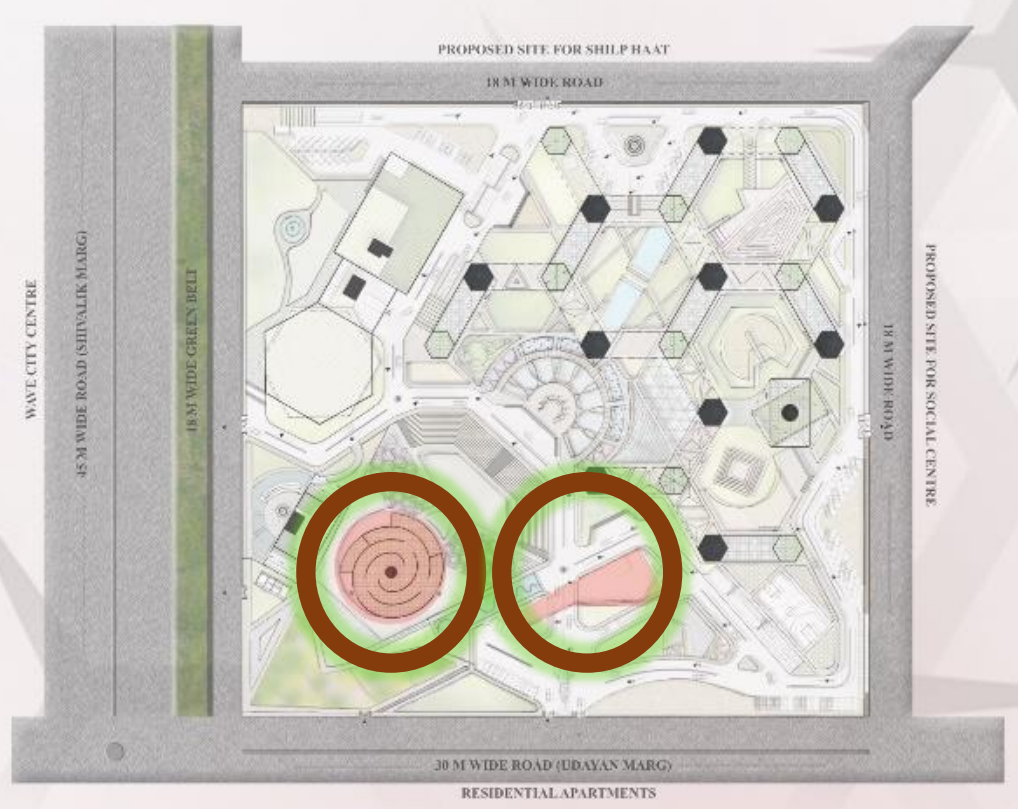
SECTION ZZ



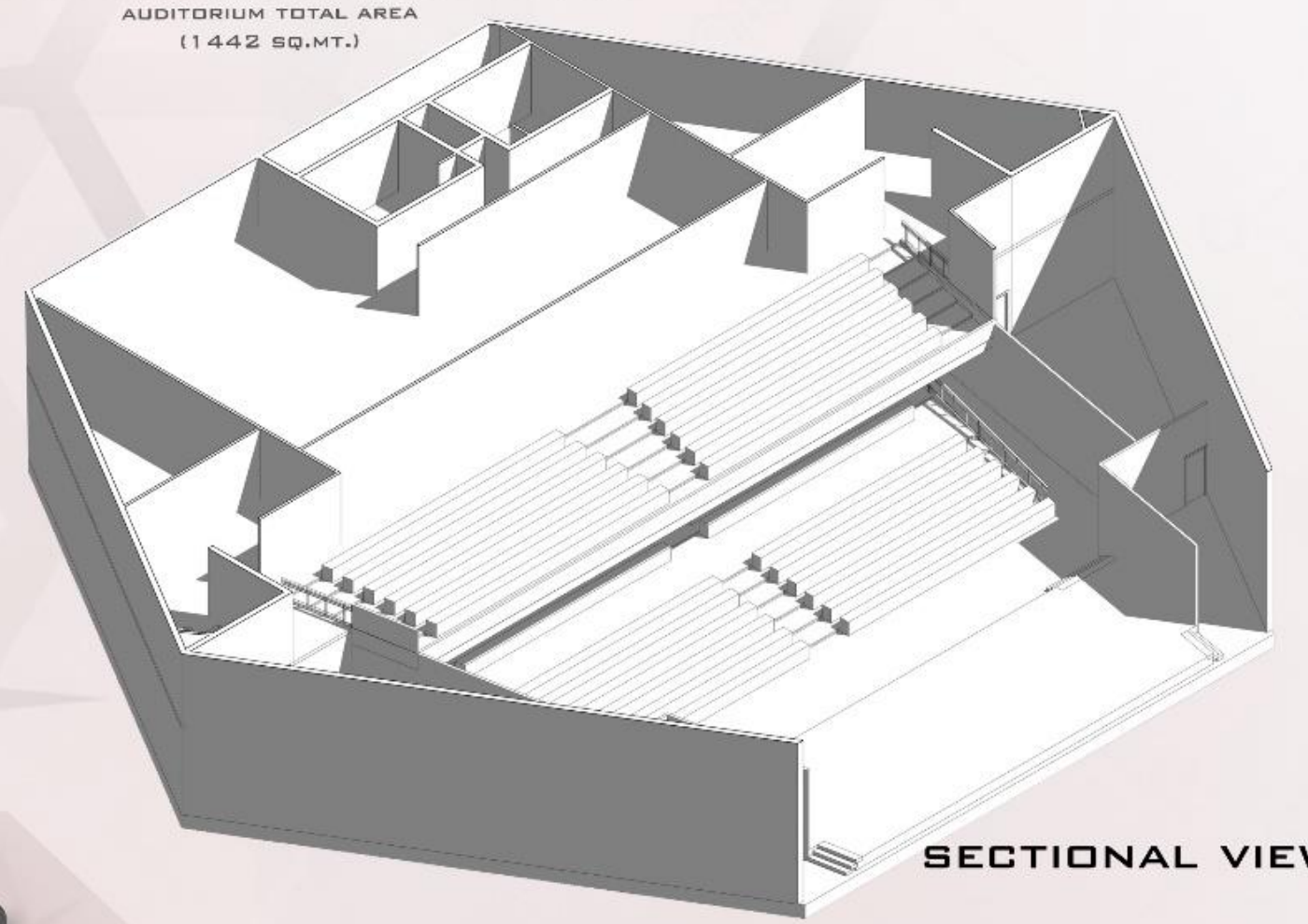
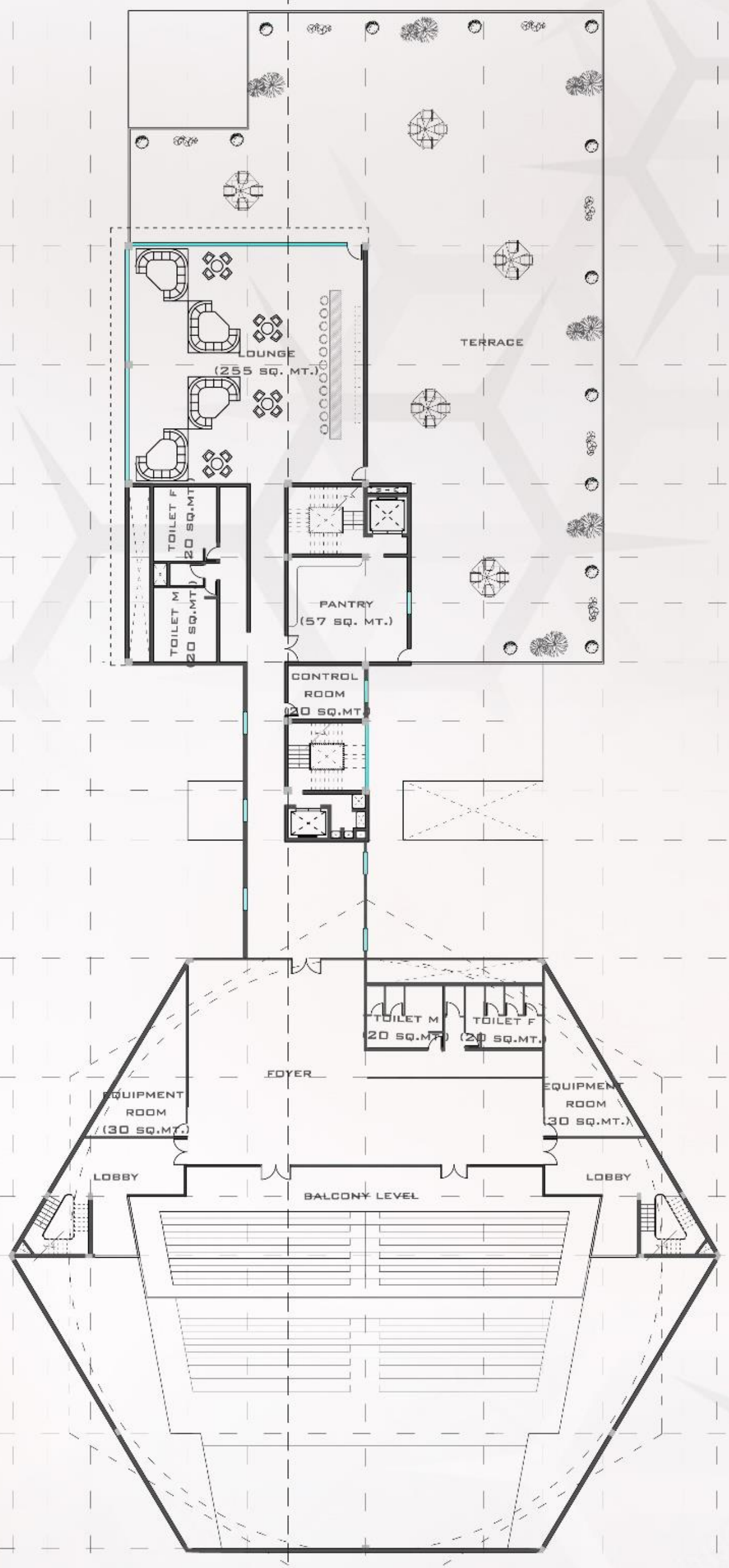
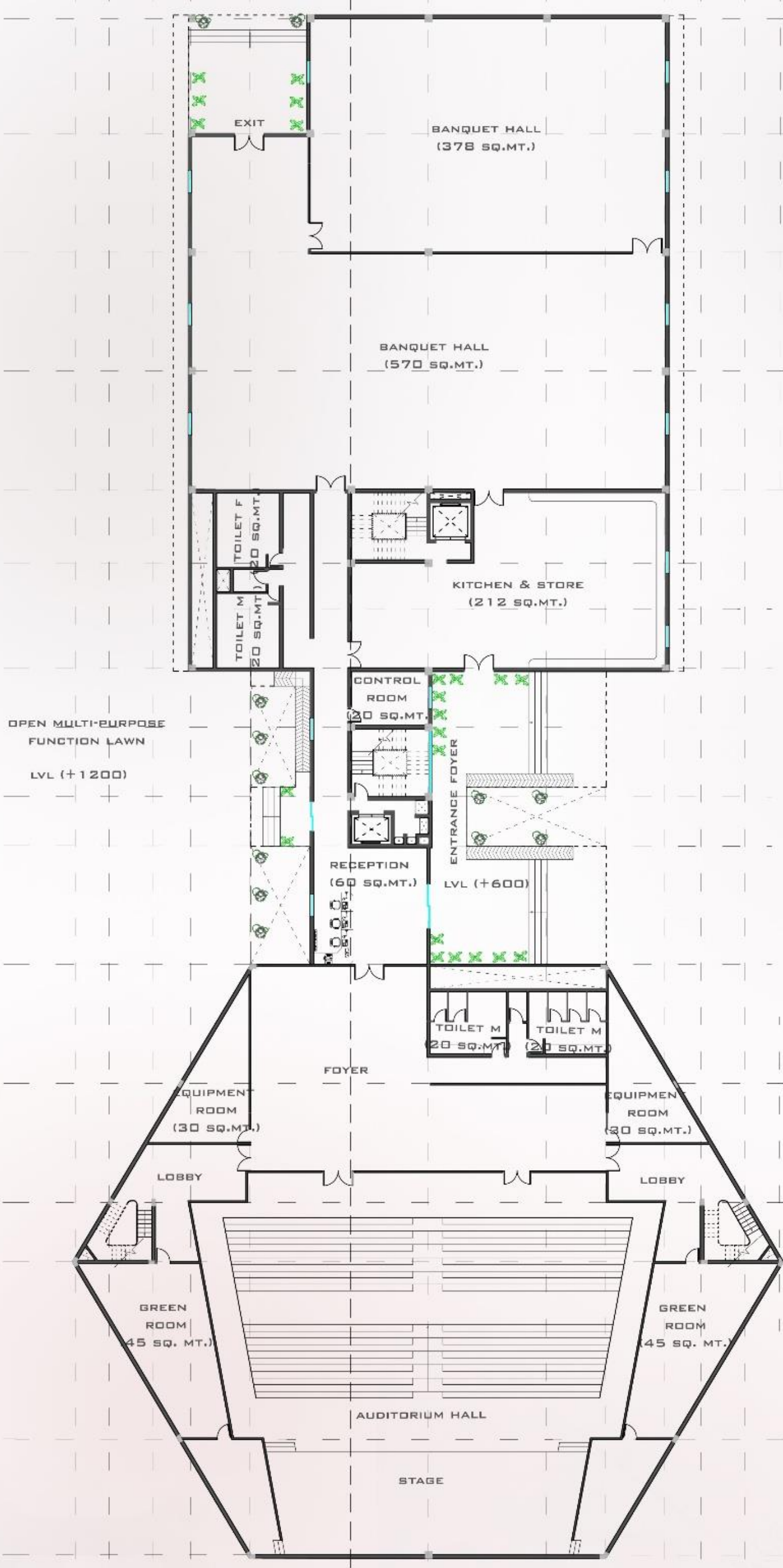
ART GALLERY / EHIPTION BLOCK 3D VIEWS



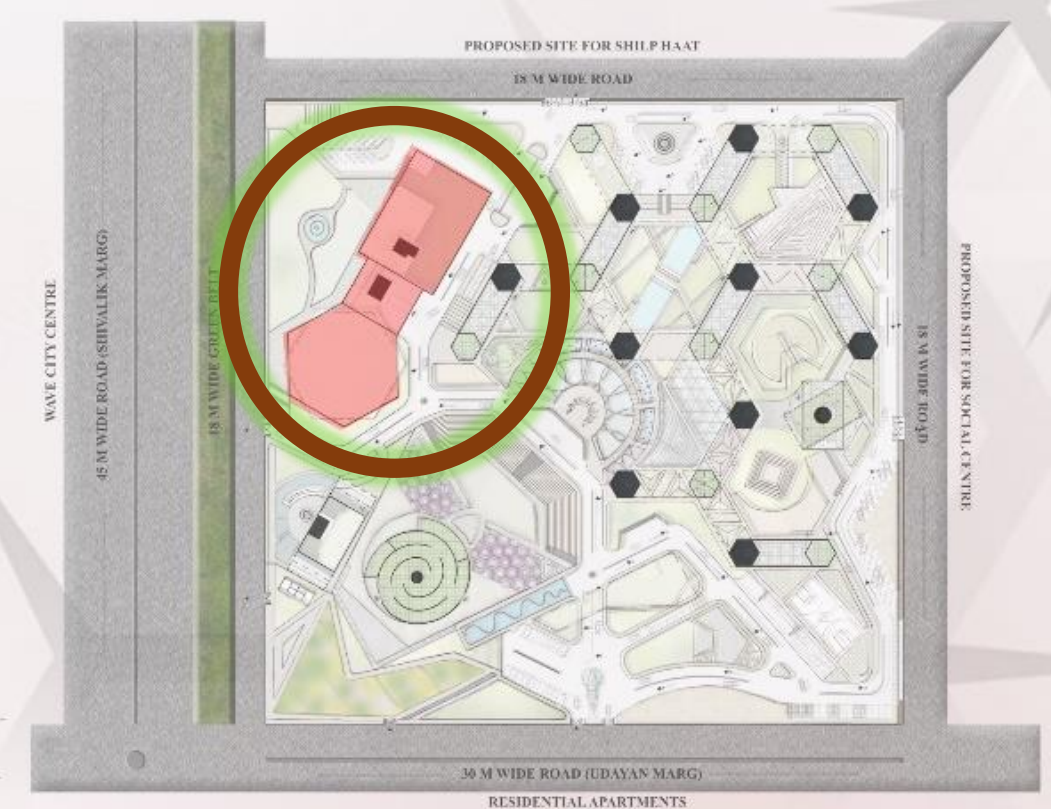
ART GALLERY & RESTAURANT BLOCK



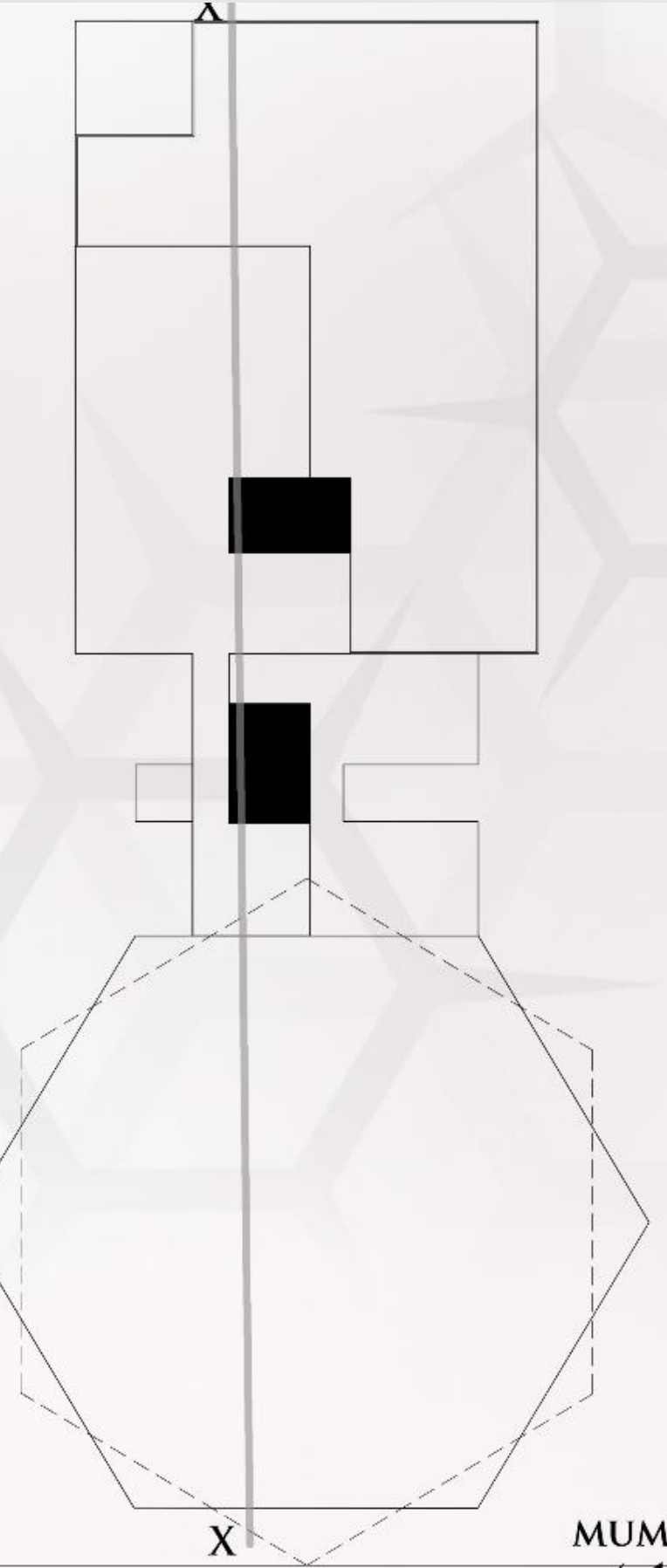
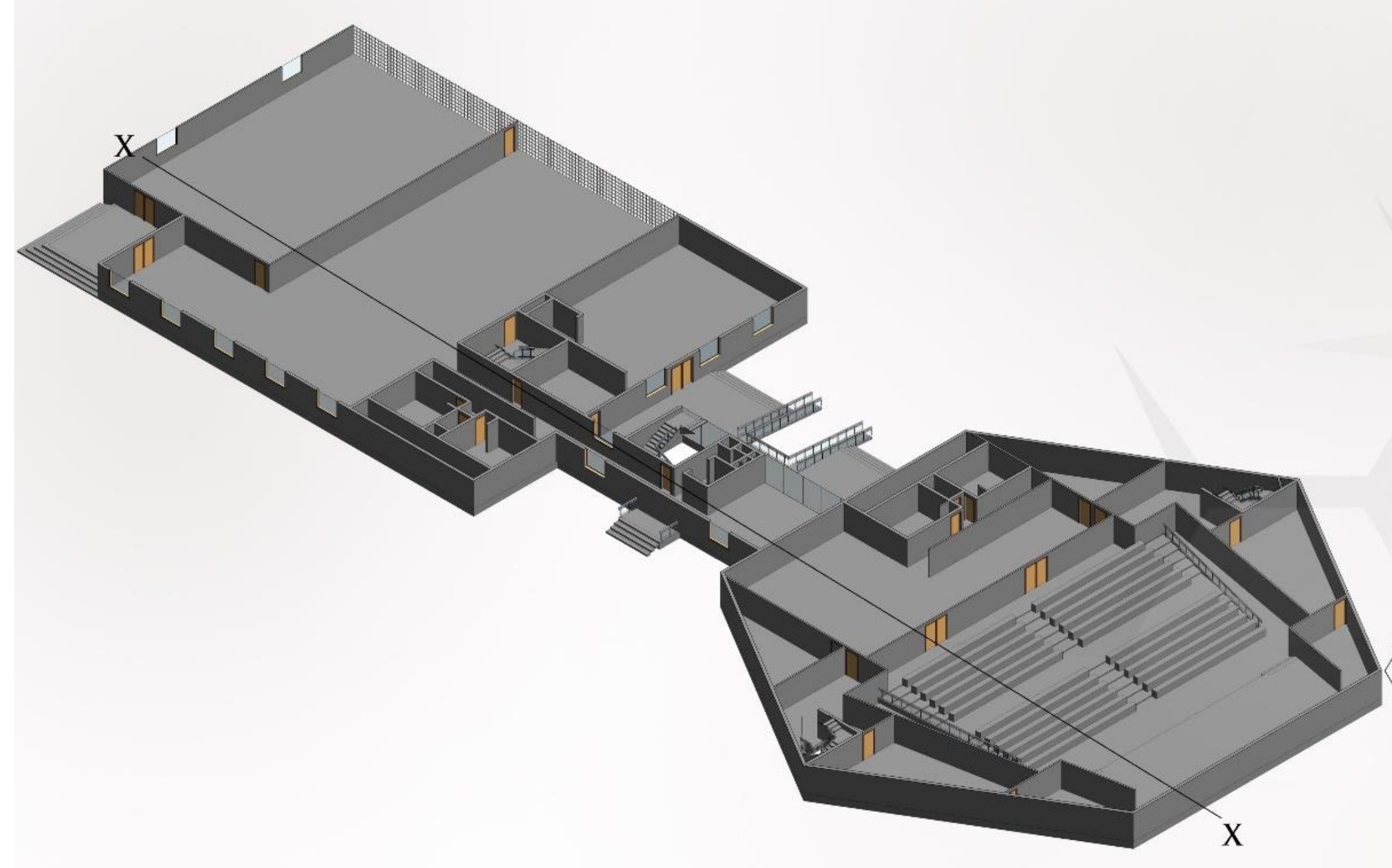
DETAILED DRAWINGS & 3D VIEWS OF AUDITORIUM / CONVENTION HALL



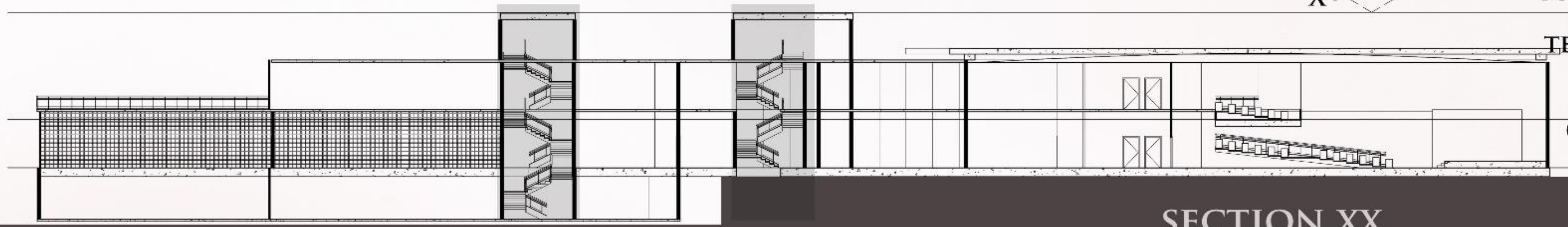
AUDITORIUM BLOCK



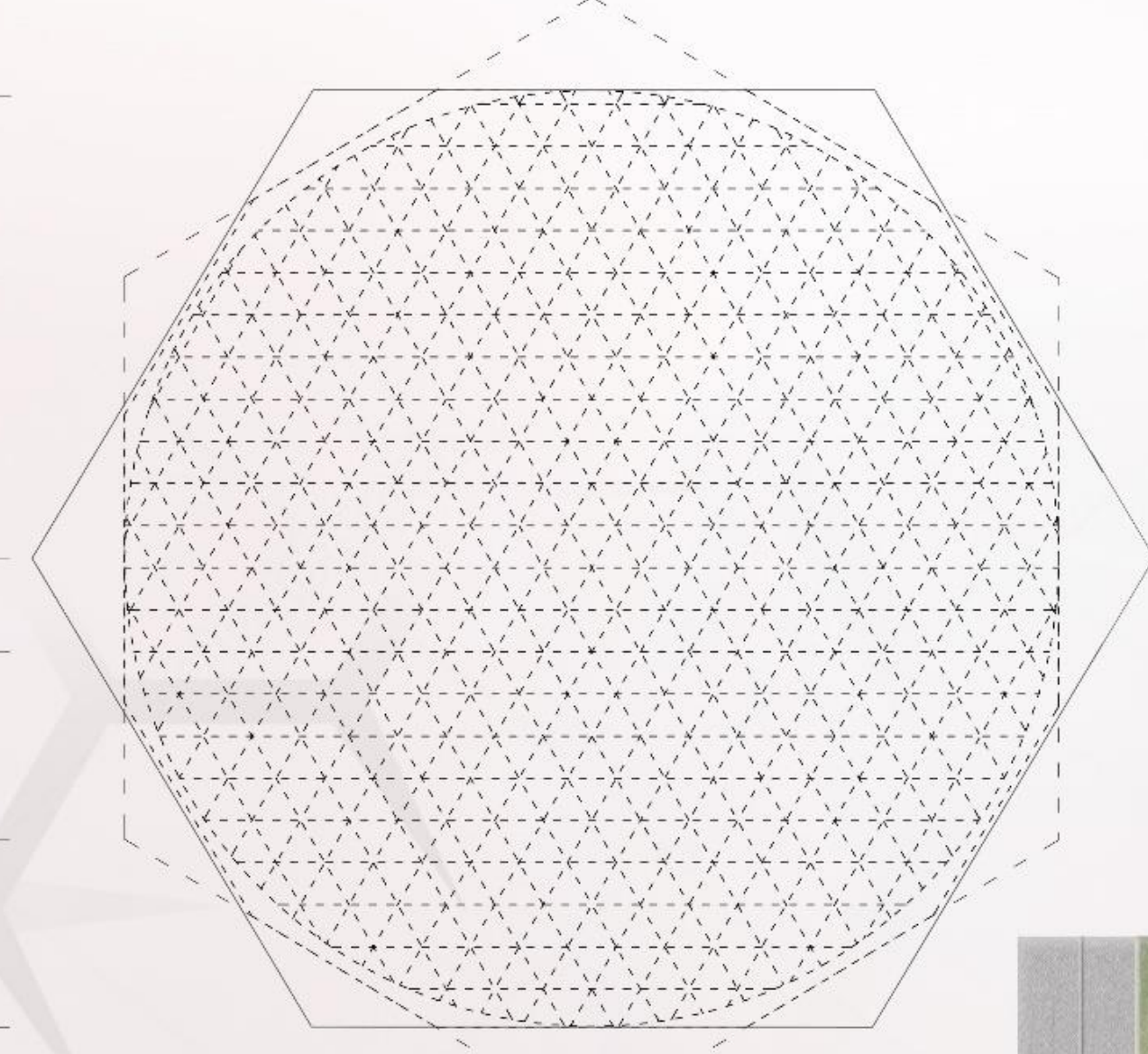
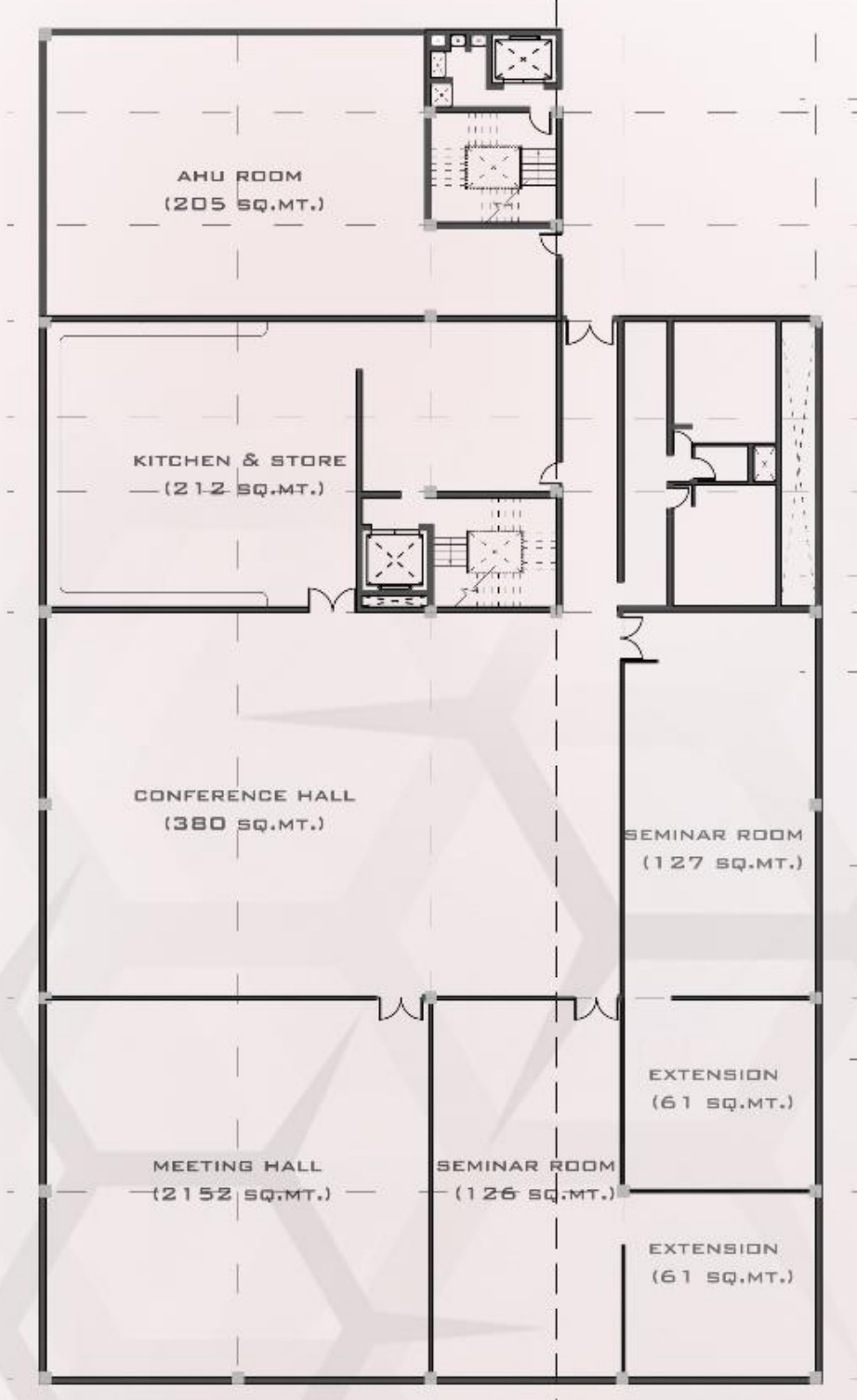
KEY PLAN



MUMPTY LV (+11400)
TERRACE LV (+8800)
1F LVL (+4600)
GF LVL (-600)
BASEMENT (-3600L)



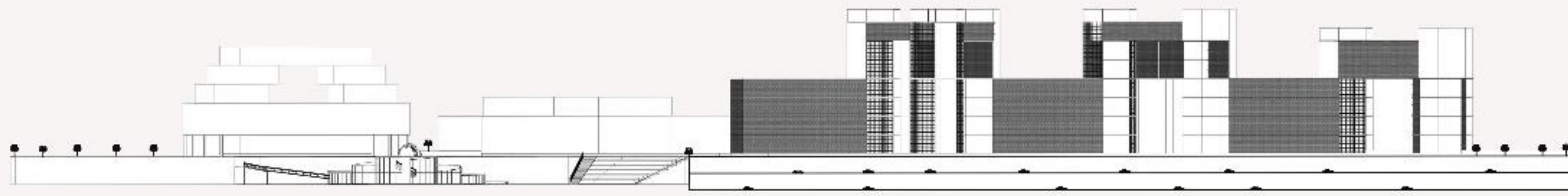
SECTION XX



AUDITORIUM BLOCK

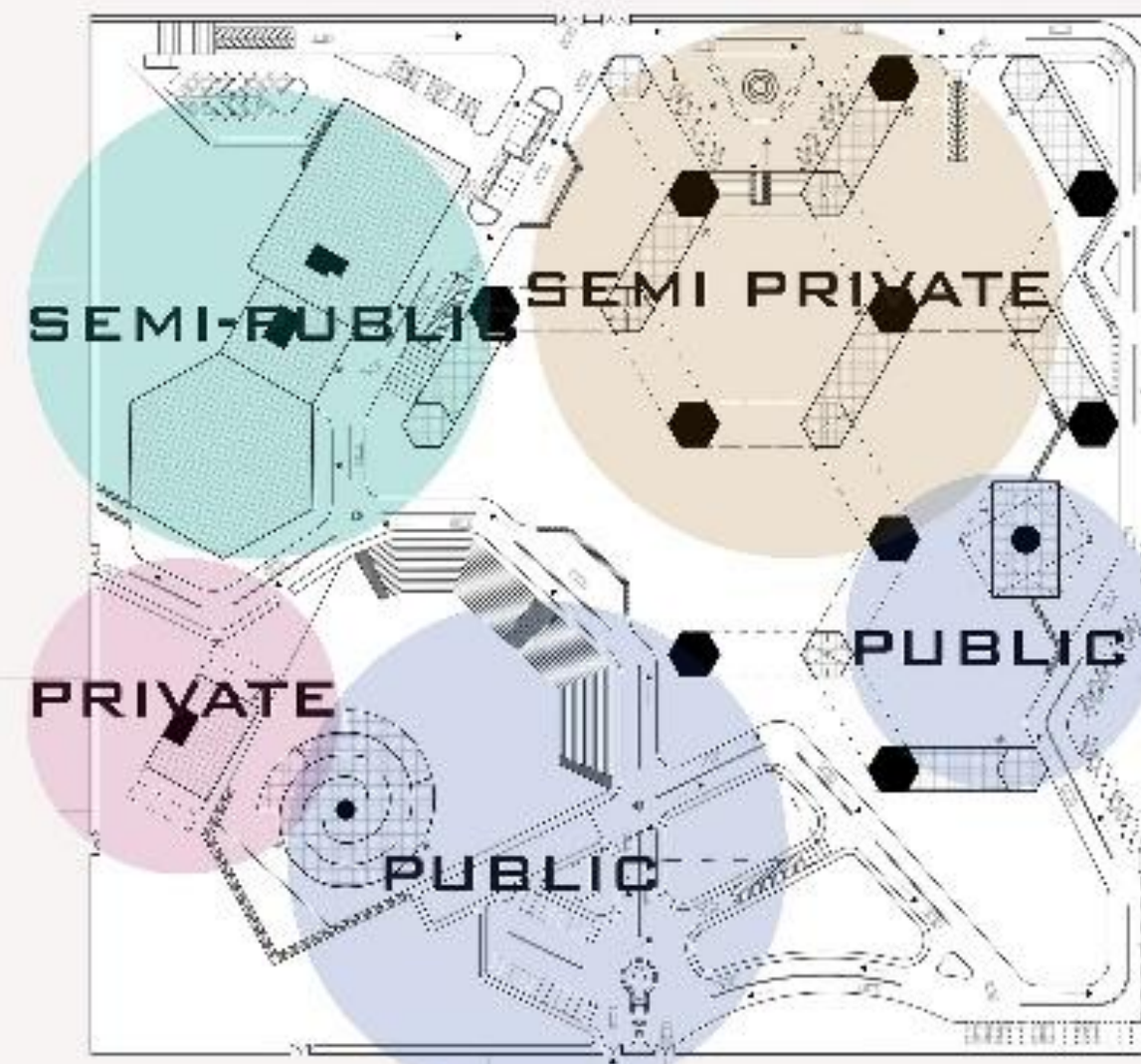


KEY PLAN

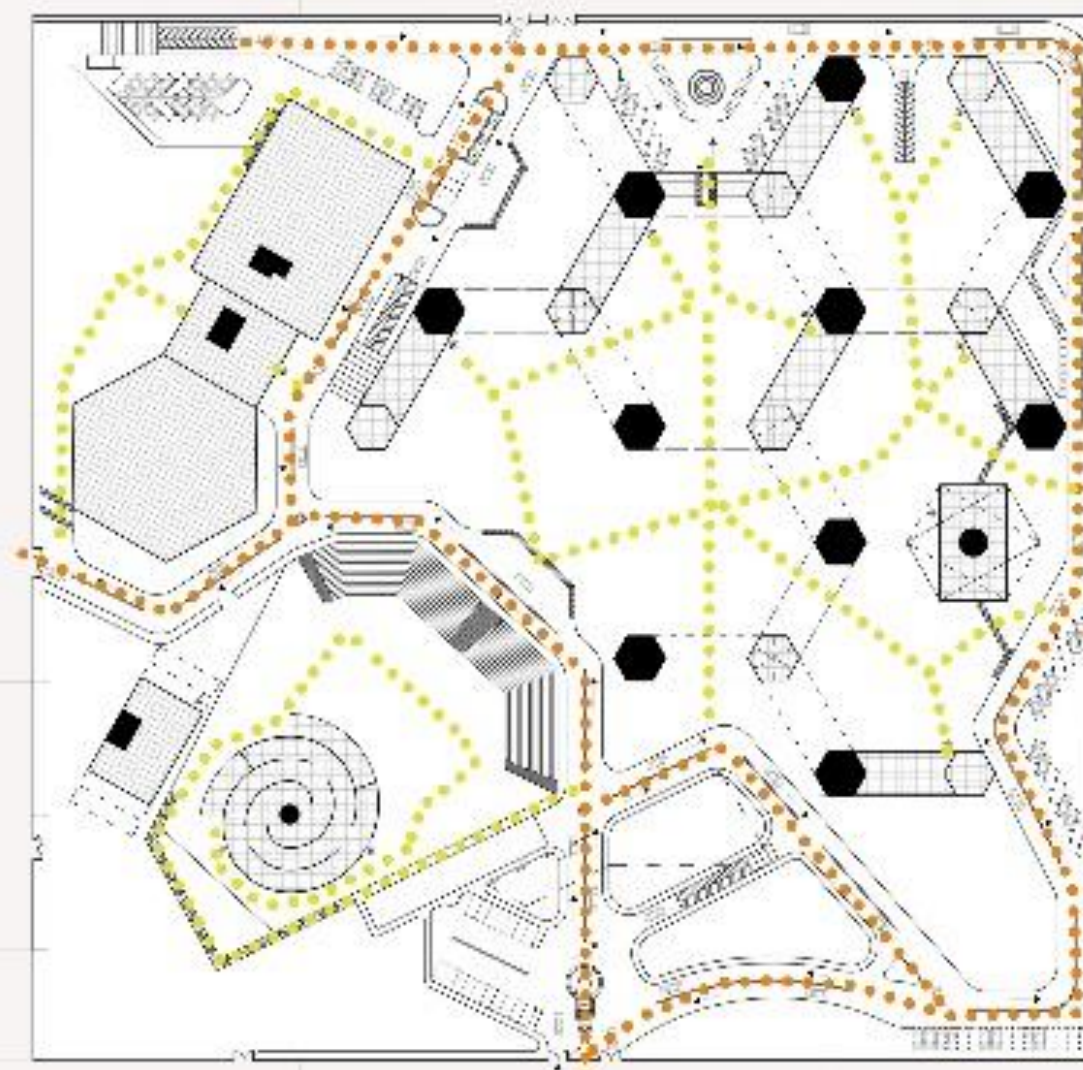


SECTION AA OF SITE

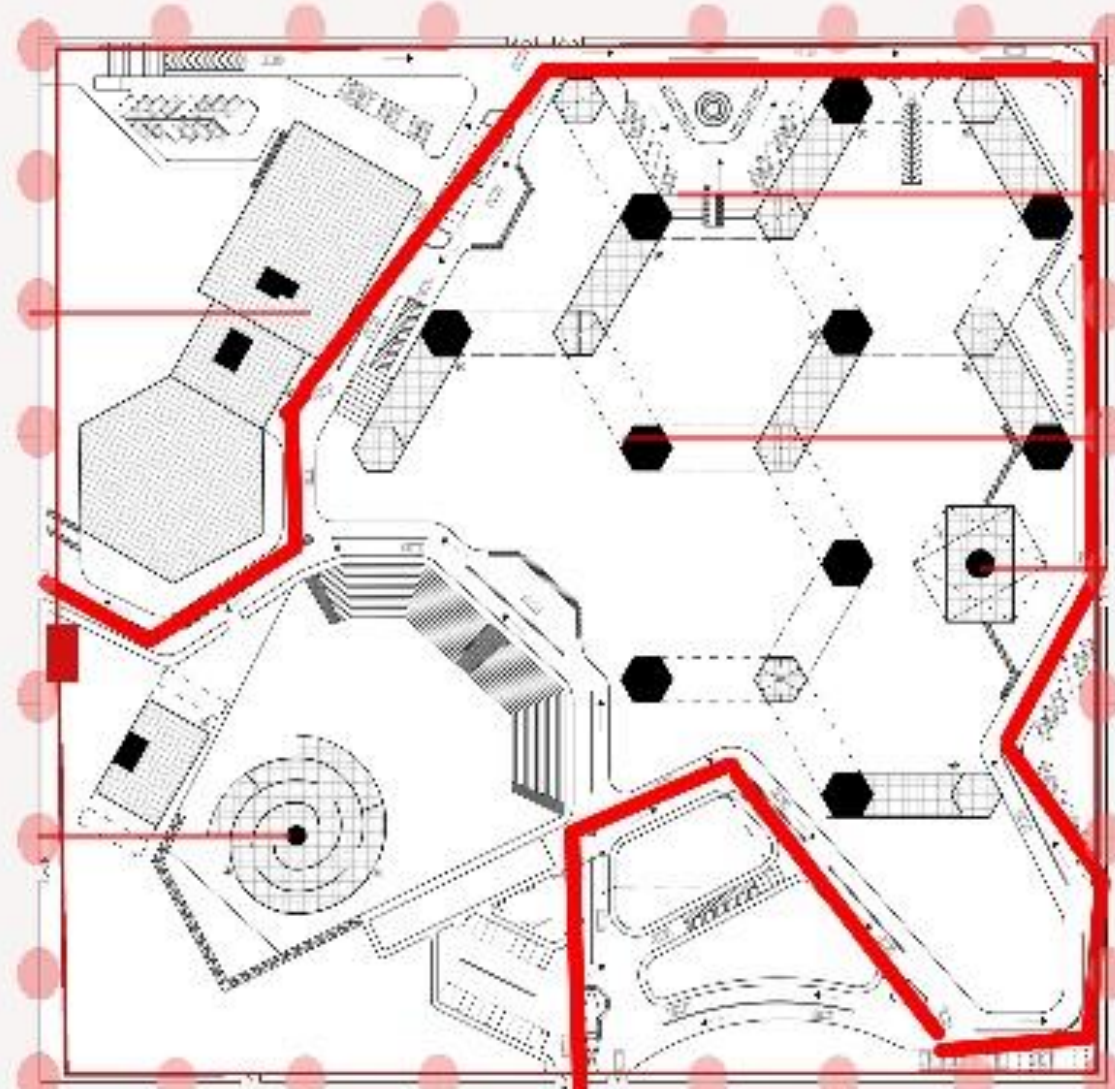
BASIC ZONING / SERVICES ON SITE



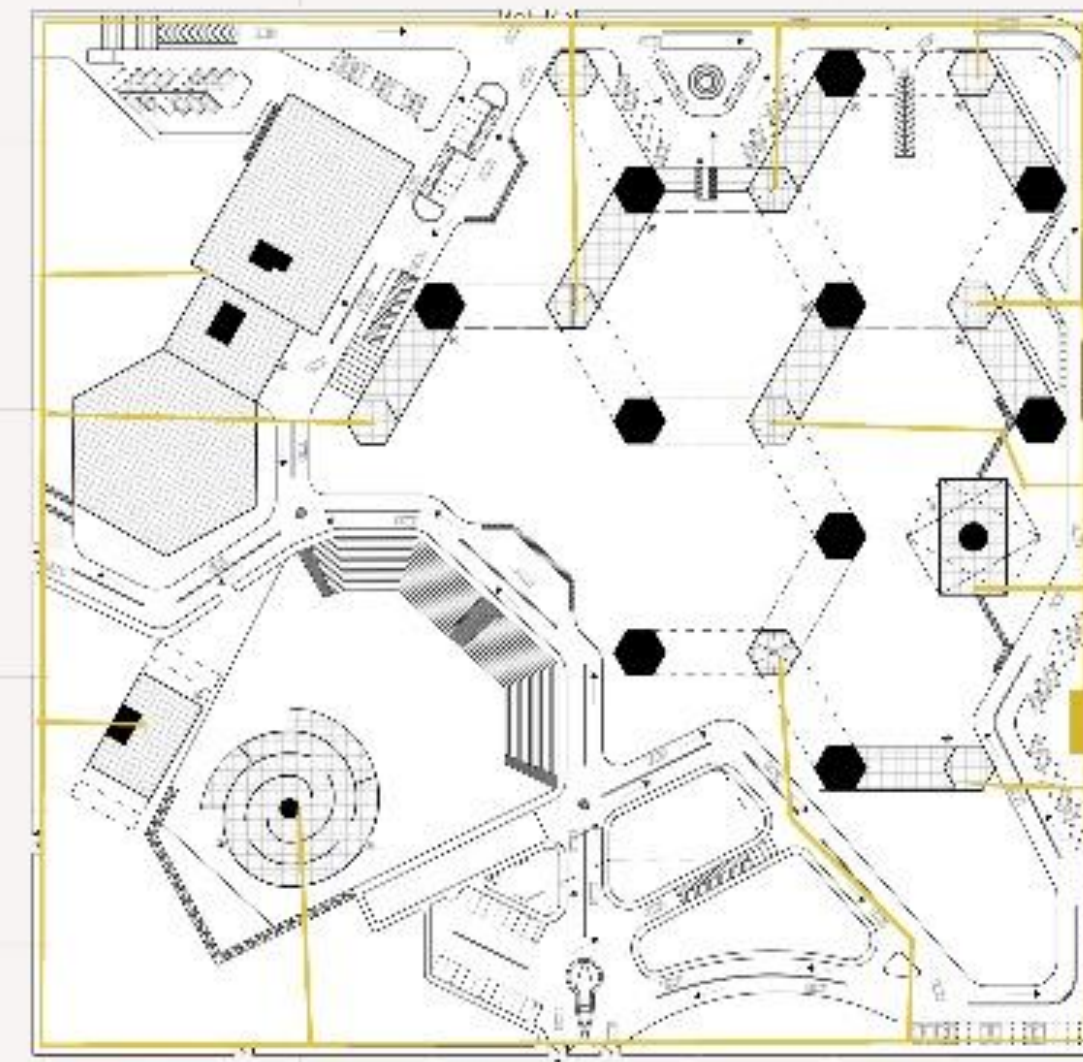
ZONING OF SITE



CIRCULATION WITHIN SITE



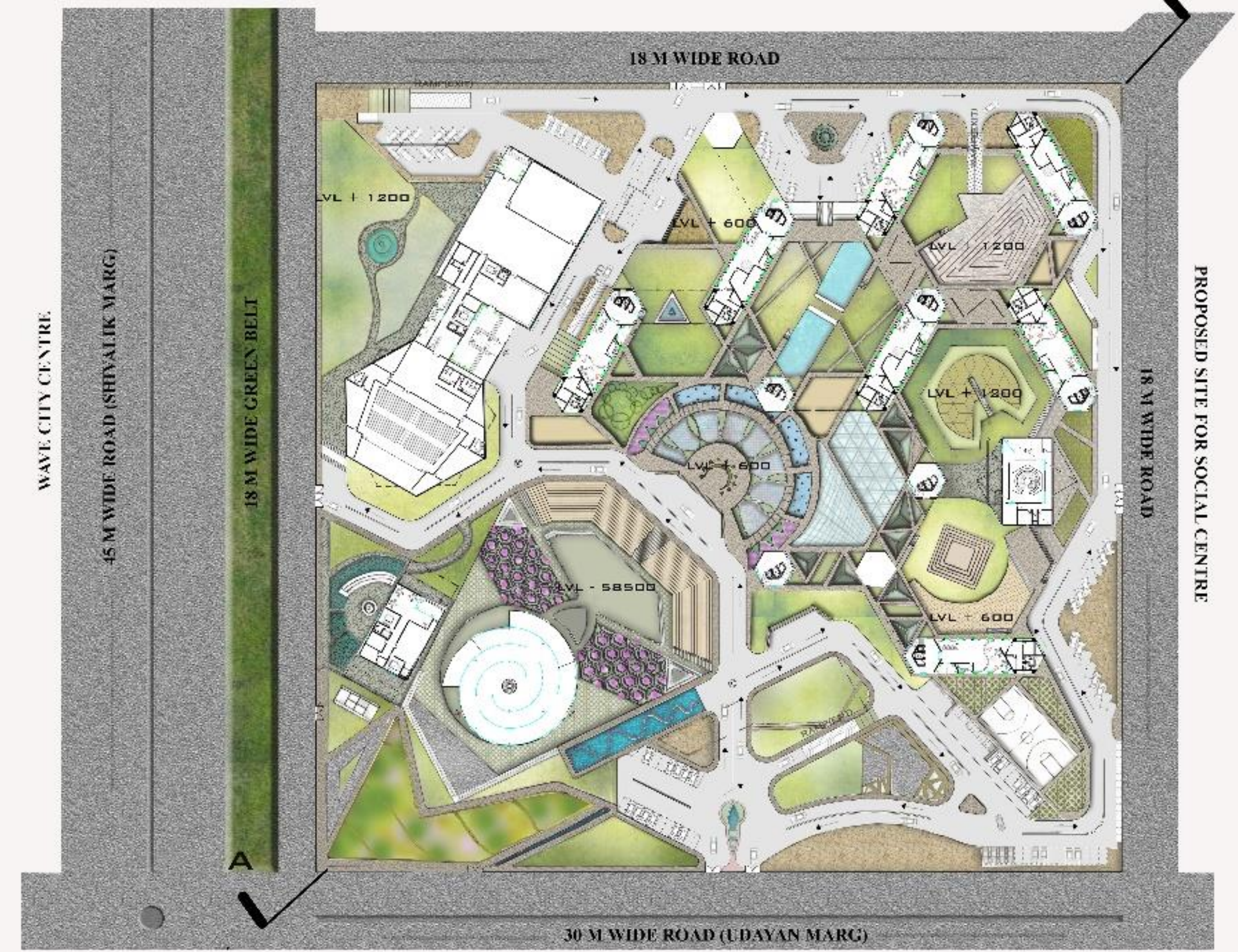
FIRE TENDER MOVEMENT
 ● FIRE HYDRANT LINE AT 30 M DIST.
 ■ FIRE WATER TANK LOCATION



SEWAGE TREATMENT
 — SEWAGE PIPELINE
 (MANHOLE PROVIDED AT EVERY 30 M DIST.)
 ■ STP TANK LOCATION

AREA STATEMENT

S.NO.	ALLOWED	AREAS (sq.m.)	ACHIEVED		AREAS (sq.m.)
			NO. OF VEHICLES :	SURFACE	
A	TOTAL SITE AREA	56400 (13.9 ACRE)	B1	B2	100
B	SITE DIMENSION	235 x 240 M	FOUR WHEELER	350	
C	PERMISSIBLE FAR	1.5	TWO WHEELER	400	40
D	BUILT-UP AREA	40,000	ACHIEVED FAR		0.5
E	HEIGHT	NO	BUILT-UP AREA		27651
F	GROUND COVER	16920 (30%)	MAX. HEIGHT ACHIEVED		28 M
G	PARKING (ON PERMISSIBLE FAR)	1.5 ECS/ 100 SQ.M	AREA ON GROUND		8480 (15%)
			TYPICAL BASEMENT AREA		35400



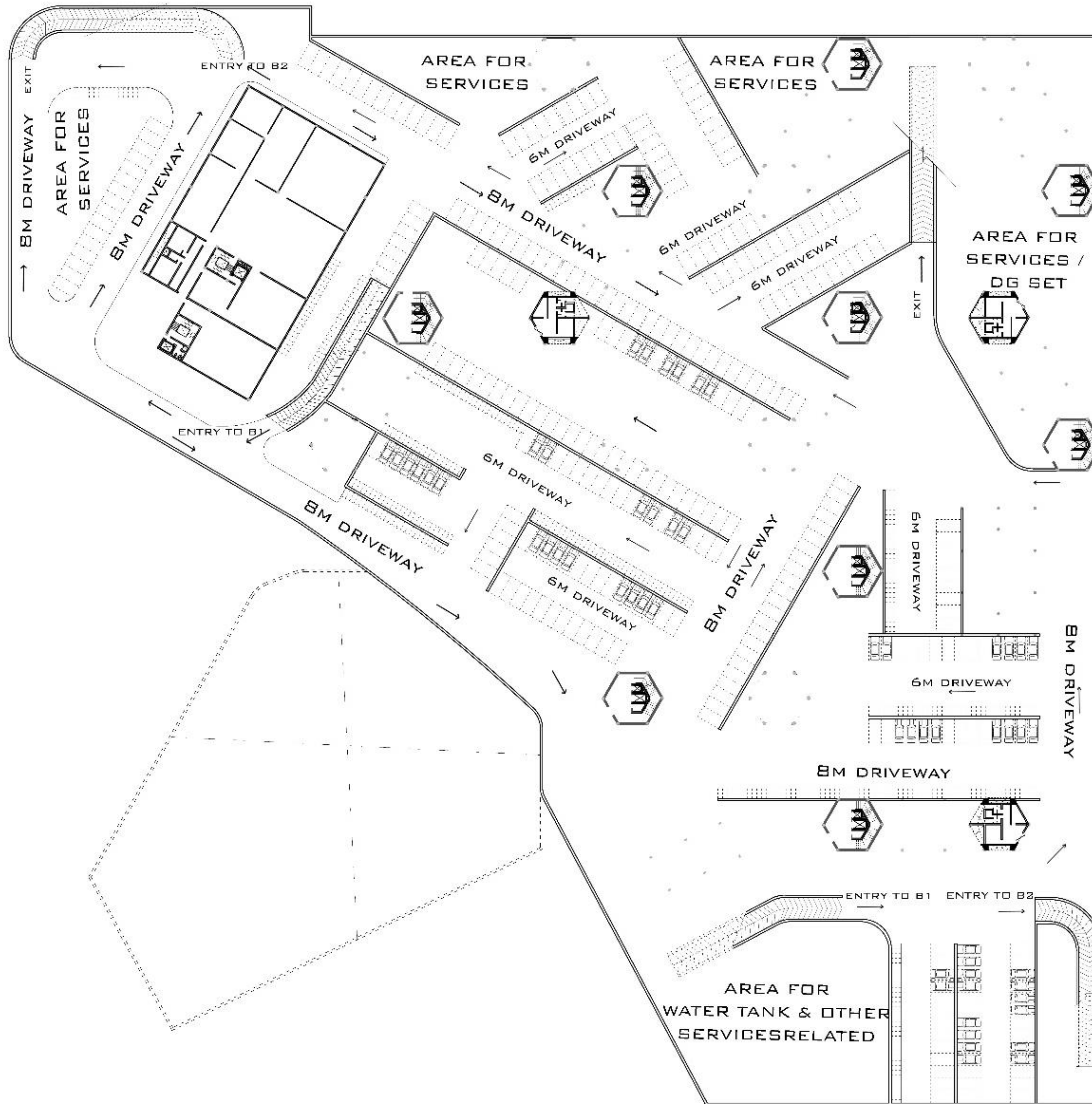
SITE PLAN WITH GROUND FLOORS



SITE PLAN WITH TERRACES

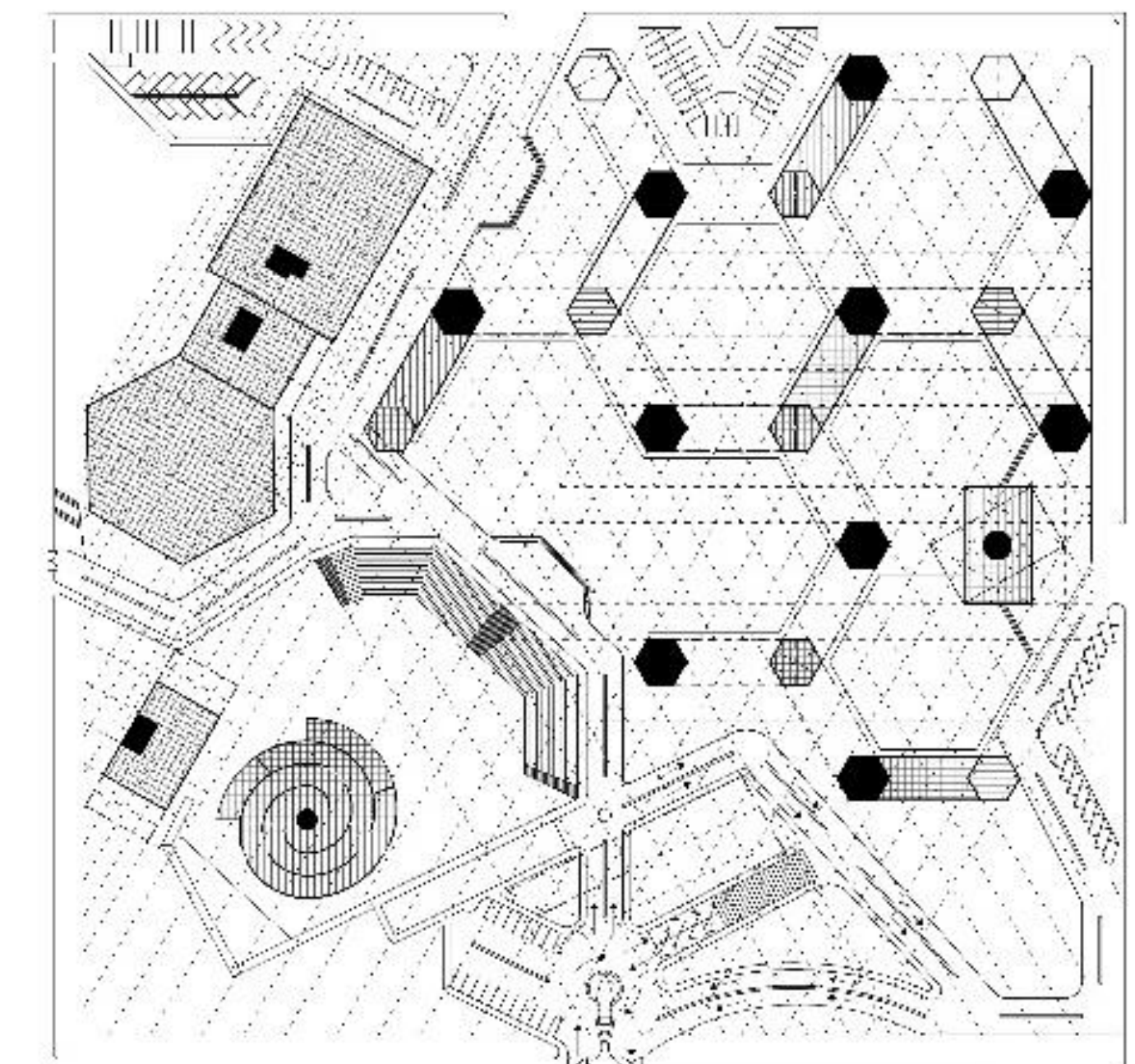
SITE PLANNING





**BASEMENT 1 PLAN
(TYPICAL)**

AREA : 35400 SQ.MT.



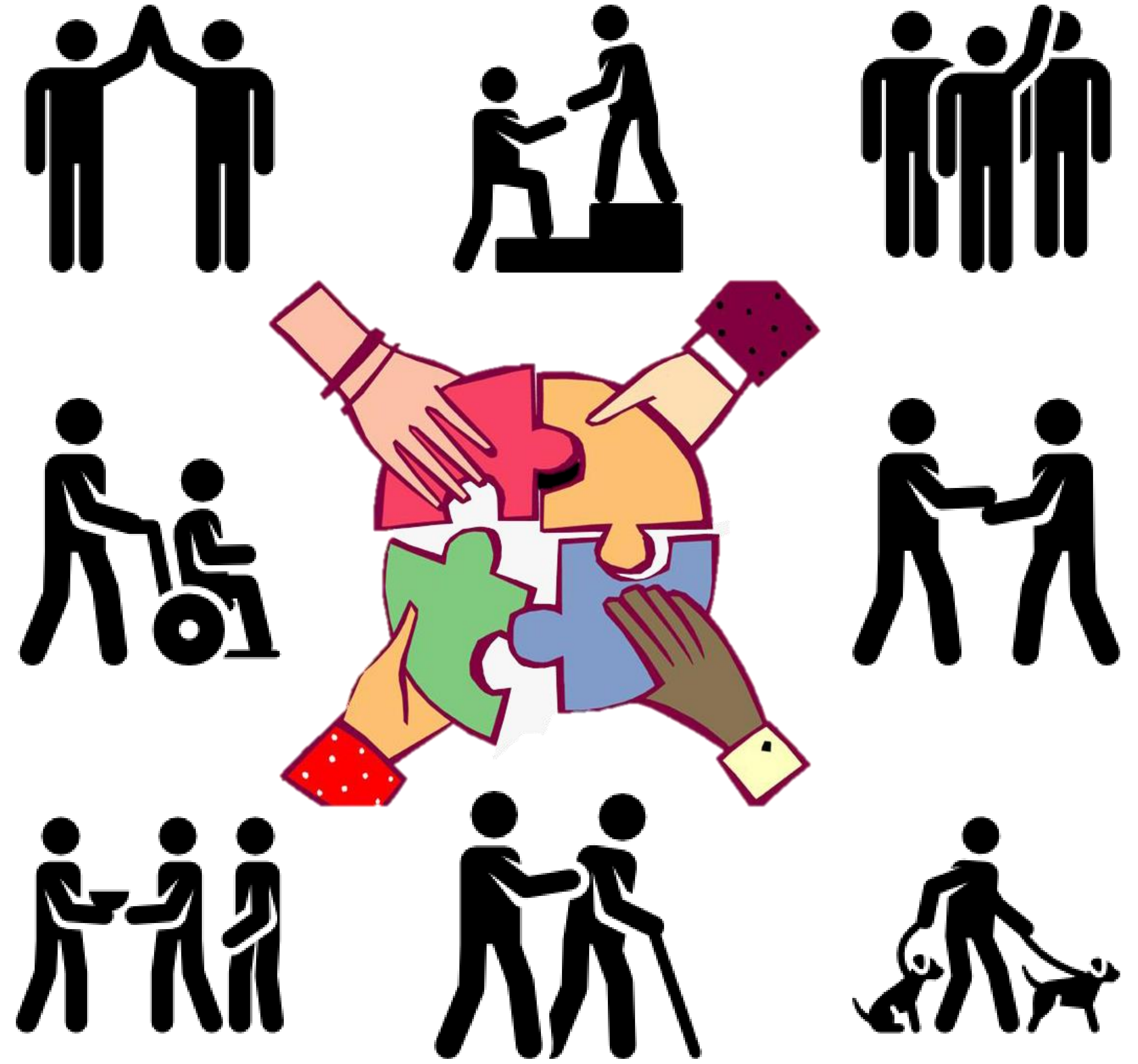
KEY PLAN OF GRID

BASEMENT LEVEL PLAN (-3600)





To Everyone Making a Difference



**COMMUNITY
ENGAGEMENT**

