



**THESIS REPORT ON  
CENTRE FOR FILM FESTIVAL , DWARKA SECTOR 17 , NEW DELHI**

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

**BACHELOR OF ARCHITECTURE  
BY  
AAMIR SOHAIL  
1180101001**

**THESIS GUIDE  
AR. AANSHUL SINGH**

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**TO THE  
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LUCKNOW.**

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

**CERTIFICATE**

I hereby recommend that the thesis entitled “**CENTRE FOR FILM FESTIVAL ,  
DWARKA SECTOR 17 , NEW DELHI**”

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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Prof. Mohit  
Kumar  
Agarwal  
Dean of Department

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Prof. Sangeeta Sharma  
  
Head of Department

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

**Certificate of thesis submission for evaluation**

1. Name : AAMIR SOHAIL
2. Roll No. 1180101001
3. Thesis Title : CENTRE FOR FILM FESTIVAL
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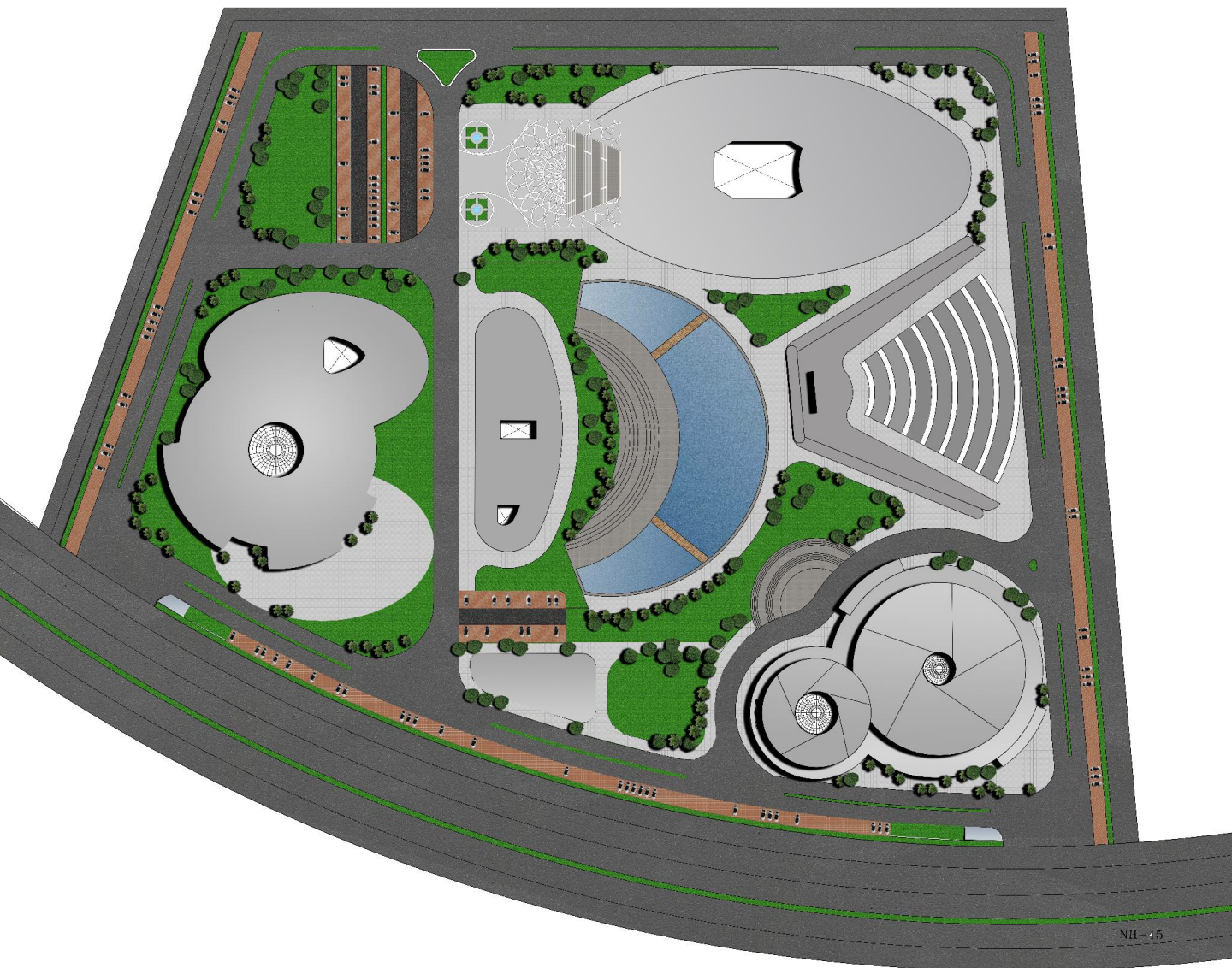
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# CENTRE FOR FILM FESTIVAL

DWARKA SECTOR 17, NEW DELHI



NH-15

## **INTRODUCTION**

FILMS ARE ONE OF THE MOST HIGHLY-CHARGED AND SOUL STIRRING MEDIUMS TO TELL AN IMPACTFUL STORY AND FILM FESTIVALS ARE THE PERFECT PLACES FOR THESE STORIES TO COME TO LIGHT. A VITAL LINK IN THE CHAIN OF GLOBAL FILM CULTURE, FILM FESTIVALS ARE PRESENTATIONS, SCREENINGS AND/OR EVENTS ORGANISED BY LOCAL GOVERNMENTS, PRIVATE INSTITUTIONS, FILM SOCIETIES AND/OR ART ASSOCIATIONS TO SHOWCASE A WIDE VARIETY OF FILMS TO LOCAL AUDIENCE, CINEPHILES AND FILM CRITICS ALIKE. THE IDEA IS TO PROVIDE FILMMAKERS THE OPPORTUNITY TO SHOWCASE THEIR ART TO A REAL LIVE AUDIENCE AND TO HAVE THEIR FILMS REVIEWED BY PROFESSIONAL CRITICS.

THESE THREE FILM FESTIVALS - VENICE INTERNATIONAL FILM FESTIVAL, CANNES FILM FESTIVAL AND THE BERLIN INTERNATIONAL FESTIVAL (BERLINALE) – ARE THE MOST PRESTIGIOUS FILM FESTIVALS IN THE WORLD AND ARE KNOWN AS THE “BIG THREE.”



## **HISTORY AND BACKGROUND**

- THE 1ST EDITION OF INTERNATIONAL FILM FESTIVAL (IFFI) OF INDIA WAS ORGANIZED BY THE FILMS DIVISION, GOVERNMENT OF INDIA, WITH THE PATRONAGE OF THE FIRST PRIME MINISTER OF INDIA.
- HELD IN MUMBAI FROM 21 JANUARY TO 1 FEBRUARY 1952.
- THE FESTIVAL WAS SUBSEQUENTLY TAKEN TO MADRAS, DELHI AND CALCUTTA. SINCE ITS BEGINNINGS IN 1952 THE IFFI HAS BEEN THE BIGGEST EVENT OF ITS TYPE IN INDIA.

- SUBSEQUENT IFFI'S WERE HELD IN NEW DELHI.
- IN 2004 THE IFFI WAS MOVED TO GOA. SINCE THEN THE IFFI HAS BEEN AN ANNUAL EVENT AND COMPETITIVE.
- IN 2013, GOA WAS ANNOUNCED AS THE PERMANENT LOCATION FOR IFFI.

## **NEED OF TOPIC**

- THE 2014 TO 21 EDITION OF NIFF WAS HUGE SUCCESS WITH PARTICIPATION OF FILMMAKERS FROM MORE THAN 90 COUNTRIES. THE NIFF-22 IS EXPECTED TO ACHIEVE MANY MILESTONES TOWARDS THE DEVELOPMENT OF INDEPENDENT CINEMA. WITH THIS I WELCOME ALL FILMMAKERS TO COME AND JOIN THE MOVEMENT WHICH BRINGS HIGHEST LEVEL OF THOUGHTS & CULTURE OF DIFFERENT NATIONS IN THE FORM OF ENRICHING & ENTERTAINING CINEMA.
- THE FESTIVAL GOAL IS TO EMPOWER INDEPENDENT FILMMAKERS AND COMMITTED TO BECOME PREMIUM MOVIE GOING EVENT WHICH FOSTER THE GROWTH OF INDEPENDENT FILMMAKERS

## **AIMS AND OBJECTIVES**

### **AIMS**

- TO DESIGN A PERMANENT FACILITY FOR IIFI IN DWARKA SECTOR 17 THAT IS VISUALLY AS CAPTIVATING AS IT WILL BE FUNCTIONALLY FLUENT.

### **OBJECTIVES**

- IFFA OBJECTIVE IS TO FEATURE GREAT CINEMA OF WORLDWIDE FILMMAKERS IN A BIG WAY & AT THE SAME TIME PROVIDING PROFESSIONAL NETWORKING & INTRODUCING CURRENT TRENDS OF CINEMA TO THE PARTICIPANTS.
- UNDERSTANDING THE FORMAT OF FESTIVAL AND CREATING A DETAILED PROGRAM THAT WOULD BE REQUIRED IN THE FUNCTIONING OF FESTIVAL.
- UNDERSTANDING THE INFLOW OF TRAFFIC INTO THE FESTIVAL AND DESIGNING THE THEATERS ,AUDITORIUM AND CONVENTION HALL TO HOUSE THE AMOUNT OF PEOPLE.
- CREATIVE AUXILIARY FACILITIES THAT WOULD HELP RUN THE FESTIVAL SMOOTHLY.(FOOD JOINTS ETC)



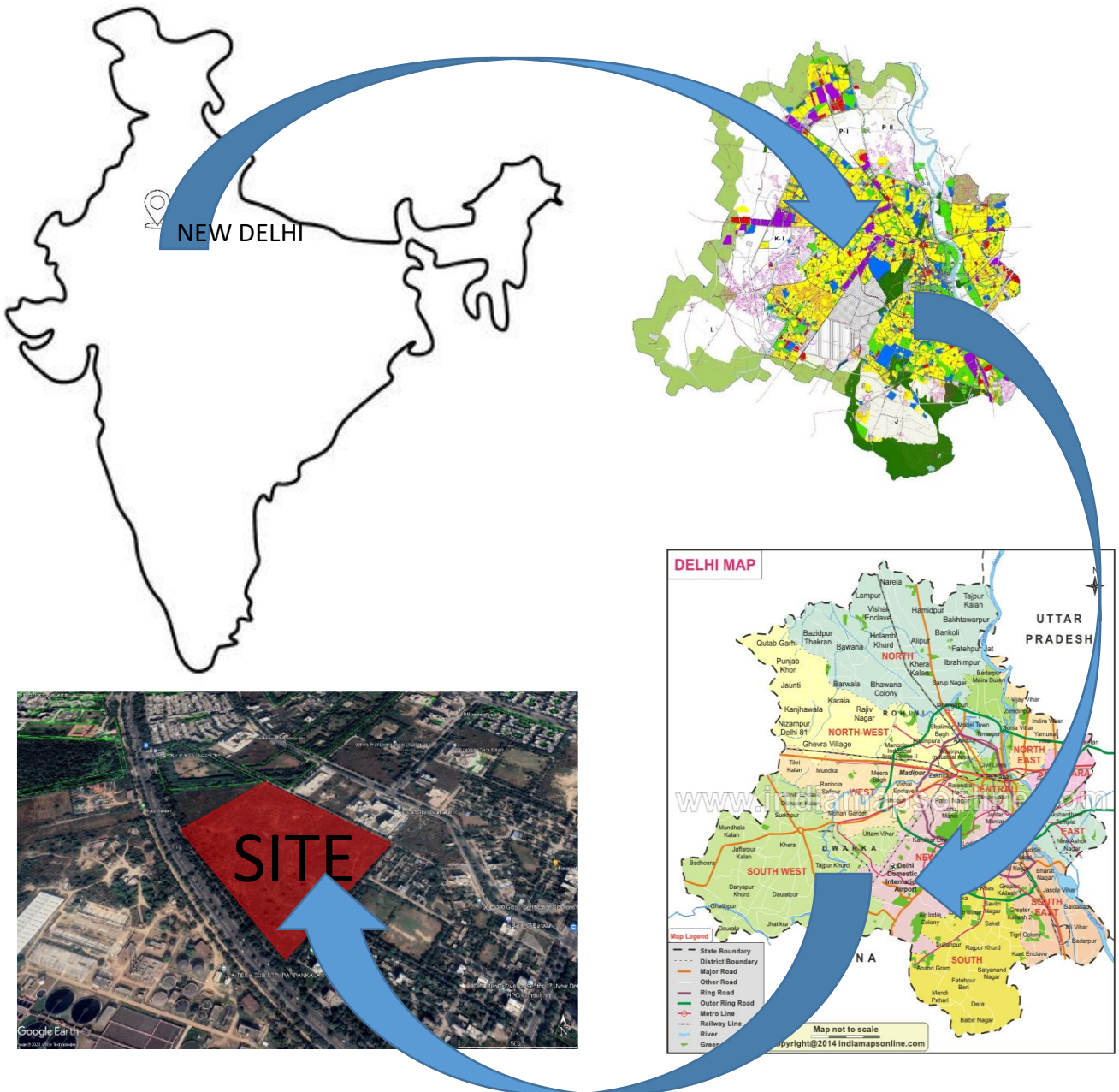
- STUDYING THE SURROUNDING CONTEXT AND IMMEDIATE SURROUNDINGS TO DEAL WITH ISSUES OF CULTURE , SOCIETY AND SITE CONSIDERATION , IF ANY ARE TO ARISE.

## **SCOPE OF WORK**

- TO DEVELOP A SITE PLAN UNDERSTANDING ALL PROGRAMS INDIVIDUALLY & THE RELATIONSHIP BETWEEN THE VARIOUS PROGRAMS LISTED.
- TO DESIGN LAYOUTS FOR ALL THE VARIOUS PROGRAMS UP TO A CONCEPTUAL STAGE. I.E. NOR DETAILED DRAWINGS.
- TO SELECT A FUNCTION OR MULTIPLE FUNCTIONS TO DETAIL OUR THE VARIOUS BUILDING SERVICES , STRUCTURAL DETAILS & ANY OTHER DETAILS OF THE BUILDING.
- FINDING FORMS THAT ARE DISTINCT YET SPEAK TO EACH OTHER, CREATING AN OUTDOOR ENVIRONMENT THAT IS DISTINCT ,VARIED AND INTERACTIVE.

## SITE ANALYSIS

- THE PROPOSED SITE IS LOCATED IN SEC-17 NEW DELHI INDIA. THE PROPOSED SITE ACCESS FOUR SIDE. ITS PROXIMITY INTERNATIONAL AND DOMESTIC AIRPORT TRAVEL TIME LESS THAN 15 MINUTES.
- DELHI METRO PROVIDING EXCELLENT CONNECTIVITY WITH NORTH WEST AND CENTRAL DELHI.
- THE SITE SHOULD BE REGULAR AND SLOPE FLAT SURFACES ARE MOST SATISFACTORY AND THE SIMPLE SITES CAN BE USED FOR FORMING THE TIERS OF THE SLOPE.



**SOME OTHER FEATURES**

- SELF-CONTAINED SELF-SUFFICIENT SUB CITY. BASED ON NEIGHBORHOOD PLANNING CONCEPT RAIL BASED MTS CORRIDOR WILDEST ROAD WIDTH AT DWARKA EXPRESS HIGHWAY WITH 100M.

**SURROUNDING ARCHITECTURE STYLE**

- G.G.S. INDRA PRASTHA UNIVERSITY 2 MINT WALK DISTANCE.
- THIS INSTITUTE USED MODERN ARCHITECTURAL STYLE.
- POLICE STATION NORTH SIDE OF SITE
- MODERN ARCHITECTURE WAS USED IN THIS BUILDING.

**SITE STUDY-FILM FESTIVAL DWARKA -17 NEW DELHI**

**LOCATION**

- THE PROPOSED SITE IS LOCATEDIN DWARKA SEC-17 NEW DELHI INDIA.

**AREA**

- 23.1 ACRES.

**CLIENT**

- DELHI DEVELOPMENT
- AUTHORITY.

**ACCESS**

- METRO RAIL.
  - NAGAFGARH ROAD ON THE NORTH WEST.
  - PANKILA ROAD ON NORTH EAST.
  - CANTONMENT AREA.
- 100 METER WIDE EXPRESSWAY LINKING NH-8 DWARKA.

- SITE INFORMATION
  - SITE AREA = 23.1 ACRES (93482 SQ M)
  - PERMISSIBLE FAR. = 1.5PERMISSIBLE.
  - GROUND COVERAGE = 30%PERMISSIBLE  
GROUND COVERAGE = 30 X 93482/100 = 28044 SQ M
  - BUILT UP AREA = 1.5X93482=1,40,178 SQ M
  - MINIMUM SET BACK FRONT-15MSIDE AND REAR-9 M.
  - HEIGHT RESTRICTION - 20M

**LOCATION IN MAP AND GEOGRAPHIC LOCATION**

- GEOGRAPHIC LATITUDE 28 DEGREE 35’ NORTH
- GEOGRAPHICAL LONGITUDE 77 DEGREE 01’ EAST

## DISTANCE FROM VARIOUS LANDMARK IN DELHI

DESTINATION	DISTANCE
I.G.I. AIRPORT NEW	6 K.M.
N.H. -8	6 K.M.
METRO STATION	1.5 K.M.
CANNAUGHT PLACE	18 K.M.
ISBT KASHMIRI GATE	29 K.M.
NDLS RAILWAY STATION	21 K.M.

## SHAPE AND SIZE OF SITE

- THE SHAPE OF SITE IS TRAPEZIUM.
- THE AREA OF SITE FOR FILM FESTIVAL IS 8 HECTARE APPROX.

## SURROUNDING SITE

- THE WEST FACE OF SITE ABOUT 45 METER WIDE ROAD ALONG SECTOR 16 –B WHILE THE EAST FACE OF SITE ABOUT 12 METERS.
- WIDE ROAD ADJOINING THE SITE FOR COMMUNITY CENTER AND POLICE STATION.
- THE NORTH AND THE SOUTH FACE OF THE SITE ADJOINS PARKS,RESIDENTIAL AREA AND MASTER PLAN GREEN AND DDA HOUSING RESPECTIVELY.

## CONSTRAINT AND POTENTIAL OF SITE

THE LOCATION OF THE SITE IS SUCH THAT IT IS UTILIZED BY THE LARGE NO. OF PEOPLE DUE TO CONNECTIVITY. LOCATED IN URBAN HUB OF THE CITY. THUS WE REACHING DWARKA IS NOT A PROBLEM AND THE EXCESS TO THE SITE IS VERY SHORT FORM METRO STATION JUST 15 MINT WALKING DISTANCE, THE MAIN EXCESS TO THE SITE IS FROM 45 MTS WIDE ROAD (WITH SERVICES ROAD RUNNING ALONG THE SITE ) ON WEST, ENTRY TO SPORTS COMPLEX CAN BE FROM 45 MTS WIDE ROAD THE LONGER SIDE OF THE SIDE.

## SEISMIC ZONE

SITE LIES IN ZONE 4 AND PRONE TO EARTHQUAKES.

## **SITE SERVICES**

### **ELECTRIC SUPPLY:**

THERE IS ELECTRIC LINE RUNNING OUTSIDE OF THE BOUNDARY LINE OF THE SITE WHICH CAN BE STEPPED FOR THE POWER REQUIREMENT OF THE STRUCTURE, BY CONSTRUCTING THE SUITABLE SUBSTATION/ TRANSFORMER.

### **WATER SUPPLY**

THERE IS NO PROVISION OF WATER SUPPLY BY THE AUTHORITIES AROUND THE SITE. A TUBE WELL WILL HAVE TO BE CONSTRUCTED .

## **SOIL CONTITION**

### **SANDY (HARD ROCK)**

THE SOIL IS HARD ROCK AND THE BEARING CAPACITY IS 310 KN./SQM.CLAY AND KANKAR FORMATION EXISTS IN THE TOP LAYER. THE SOIL IN MOST OF AREAS OF DWARKA IS SANDY AND DRY.

## **CLIMATE STUDY**

THE CLIMATE OF DELHI IS COMPOSITE, A MONSOON INFLUENCED HUMID SUB-TROPICAL WITH HIGH VARIATION BETWEEN SUMMER & WINTER TEMPERATURES & PRECIPITATION.

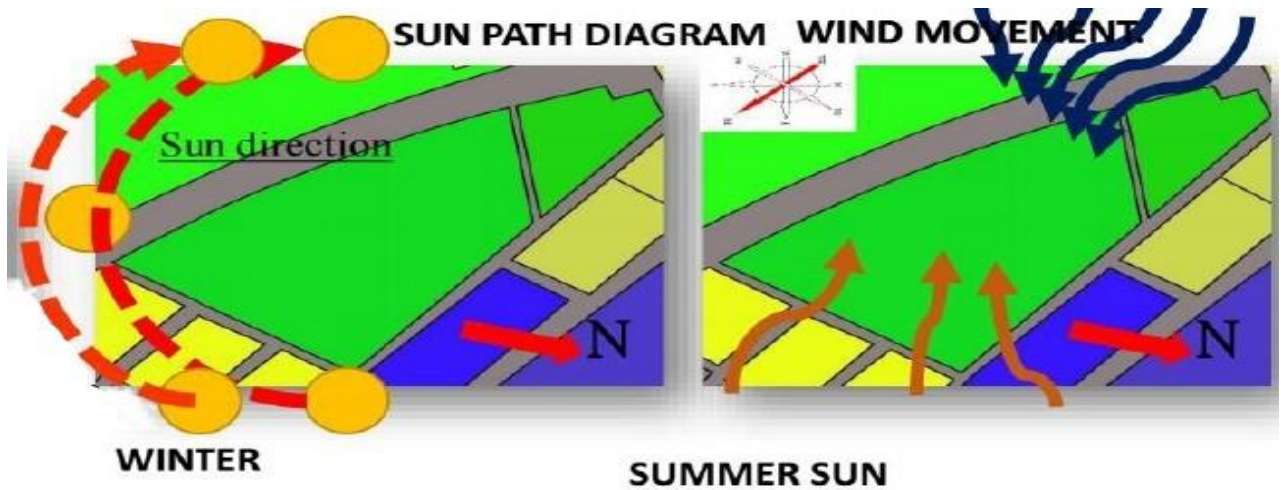
### **TYPES OF CLIMATE**

1. TROPICAL WET
2. TROPICAL DRY
3. SUBTROPICAL HUMID
4. MOUNTAIN CLIMATIC ZONE

### **SUBTROPICAL**

IN THIS CLIMATE THREE SEASONS OCCURS:HOT & DRY CLIMATE (MARCH TO JUNE) WARM & HUMID (JULY TO SEPTEMBER) COOL & DRY (OCTOBER TO FEBRUARY) IN HOT AND DRY SEASON MAXIMUM TEMPERATURE RISES UP TO 45 DEG. AVERAGE RAINFALL IS ABOUT 714 MM.





### **SUMMER SUN**

THE SUMMER SUN IS UNPLEASANT, HOT DUSTY WINDS AND SHADOW PATTERNS DICTATE OUTDOOR ACTIVITY

### **WINTER SUN**

THE WINTER SUN IS A WELCOME ELEMENT AND SUNNY AREAS ACTIVELY USED FOR OUTDOOR ACTIVITY.

### **WINDS:**

PREVALENT WINDS DIRECTION IS N.W. -S.E

### **VEGETATION**

- THERE IS MANY TREES ON THE SITE BESIDES GRASSES AND SHRUB.
- THERE IS NOT ANY CONSTRUCTION OR EXISTING STRUCTURE ON THE BESIDES THE MASTER PLAN GREEN AREAS, SOME VEGETATION IN BUILDING AND THE SMALL TREES AND PLANT ALONG THE PEDESTRIAN IS PROPER TREE OR MAJOR VEGETATION IN SURROUNDING OF SITE.
- TYPOGRAPHY-RELATIVELY FLAT LANDGROUND WATER 19 METER.

PROSOPIS JULIFLORA





FRONT 45 METER ROAD



DELHI JAL BOARD



WATER LINE PIPE BEHIND SITE, SEWAGE SYSTEM IN FRONT SITE, GAS PIPELINE



11 HZ VOLT LINE POLE OPPOSITE SITE, FLAP NEAR ENTRY OF SITE, EL. SUBSTATION

G.G.S. INDRA PRASHTHA  
UNIVERSITY



**CENTRE FOR FILM FESTIVAL**

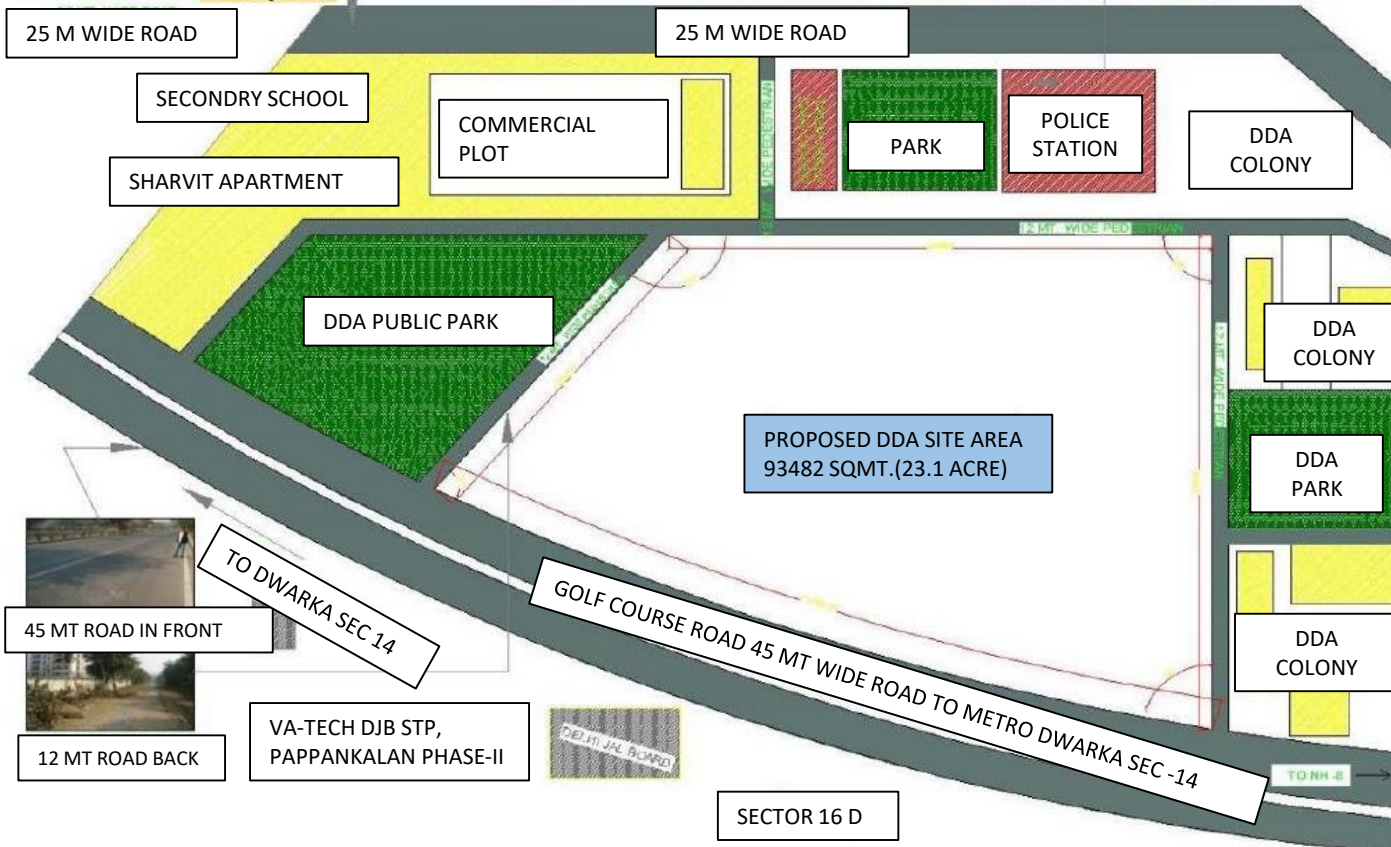




WATER TREATMENT PLANT



Site plan



GOVT COED SENIOR SECONDARY SCHOOL SEC 17, DWARKA



# CENTRE FOR FILM FESTIVAL

## **S.W.O.T. ANALYSIS**

### **STRENGTH**

- THE SITE IS ACCESSIBLE FROM ALL SIDES BY NETWORK OF ROADS, HENCE IMPROVING THE ACCESSIBILITY.
- THE SITE HAS CLOSE PROXIMITY TO DWARKA SECTOR 12 METRO STATION.

### **WEAKNESS**

- THE SITE IS SOUTH WEST FACING WHICH LEADS TO MAXIMUM HEAT ABSORPTION ON THE FRONT FAÇADE.

### **OPPORTUNITIES**

- DELHI BEING THE CAPITAL OF THE COUNTRY DOES NOT POSSESS ANY DEDICATED INFRASTRUCTURE FOR FILM FESTIVAL.
- THE SITE IS NOT CONGESTED AND HAS WIDE ROADS ON THE ENTRANCE OF THE SITE.

### **THREATS**

- THE SITE IS LOCATED NEAR THE SEWAGE TREATMENT PLANT.
- BEHIND THE SITE BOUNDARIES IS POLICE STATION AND SECONDARY SCHOOL WHICH MIGHT GET DISTURBE DURING OPERATION HOURS.

### **SITE INFERENCES**

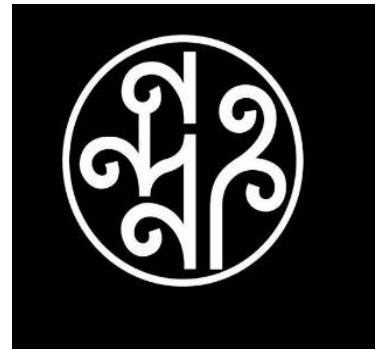
COURTYARD PLANNING IS SUITABLE REDUCTION OF SURFACE EXPOSED TO SOLAR RADIATION AND USE OF SHADING DEVICES SUCH AS LOVERS, FIN RECESSED WINDOW BUILDING SHOULD BE ORIENTED IN A WAY THAT BUILDING GETS MAXIMUM NO OF OPENING FOR THE NORTH LIGHT PROPER NATURAL LIGHT AND VENTILATION WILL MAKE THE DESIGN EFFICIENT MAXIMUM OPENING SHOULD BE PROVIDED IN THE DIRECTION OF PREVAILING WINDS.

# **- CASE STUDY -**



## NANDAN COMPLEX

NANDAN IS A GOVERNMENT-SPONSORED FILM & CULTURAL CENTER IN KOLKATA, INDIA. THE PRIMARY AIM OF THE CULTURAL HUB TO ENCOURAGE & FACILITATE CINEMATIC AWARENESS IN SOCIETY. THE COMPLEX, BESIDES BEING A MODERN CINEMA AND CULTURAL COMPLEX, IS A POPULAR DESTINATION FOR THE YOUNG AND THE AGED ALIKE



NANDAN LOGO  
BY SATYAJIT RAY



NANDAN THEATER

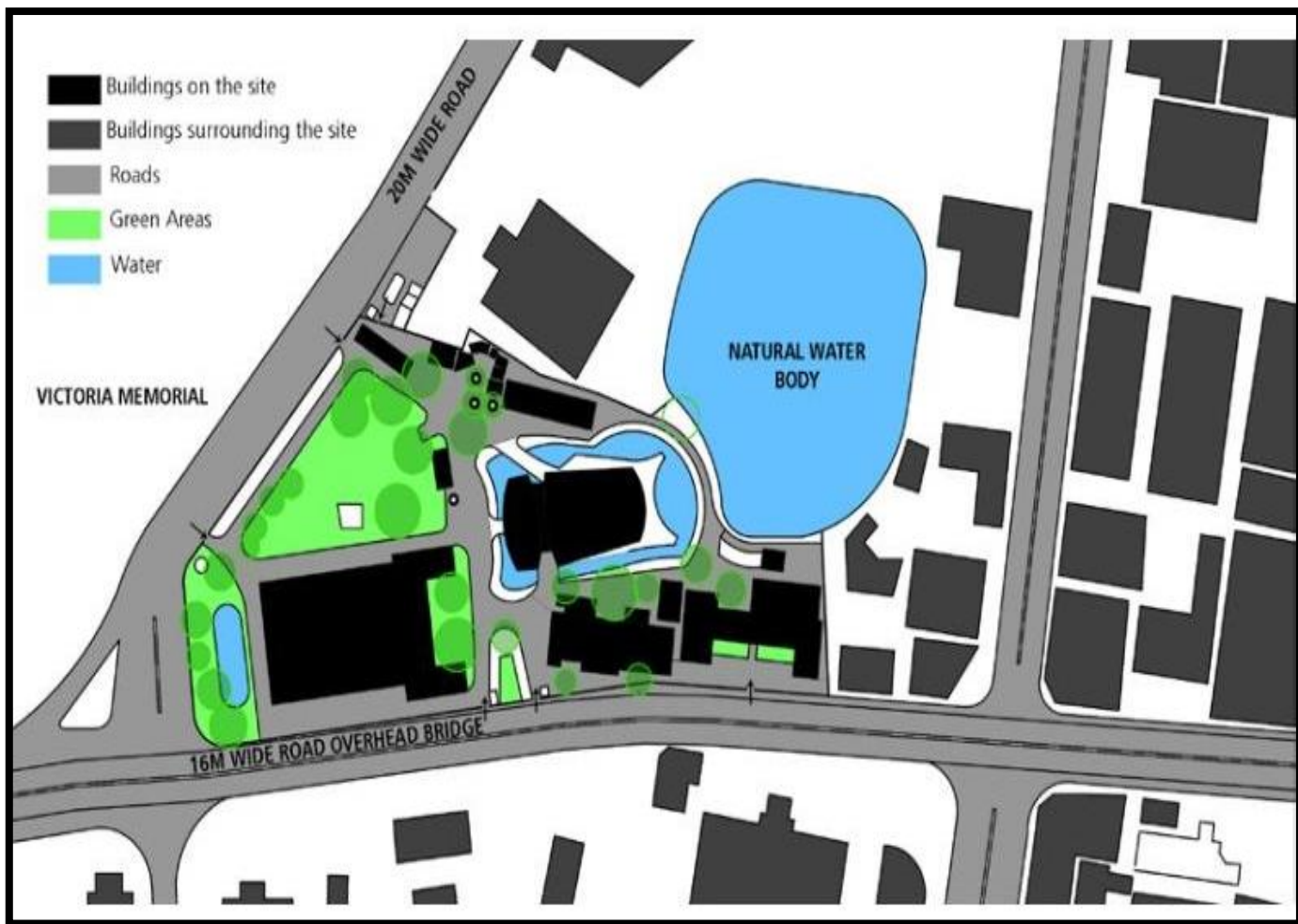


RABINDRA SADAN

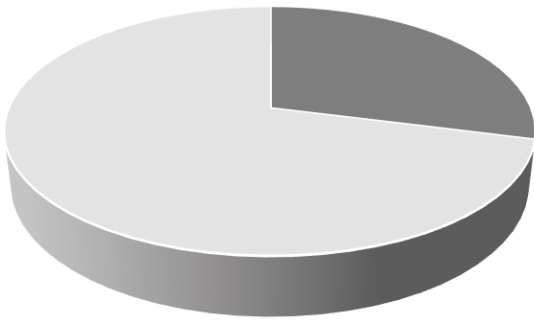
**CENTRE FOR FILM FESTIVAL**

## ➤ SELECTION OF CASE STUDY

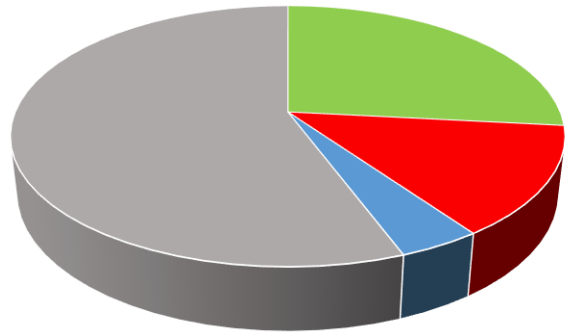
- THE NANDAN COMPLEX WAS SPECIFICALLY MODIFIED WITH THE ADDITION OF NANDAN CINEMA, TO CATER TO THE BENGALI FILM FESTIVAL.
- THE COMPLEX IS DESIGNED SUCH THAT IT HOLDS A VARIETY OF FUNCTIONS. FROM CINEMA HALL, TO THEATER, FROM OFFICES, TO INSTITUTIONS, THE COMPLEX CATERS TO A VARIETY OF USERS OF VARIED TASTE AND AGE GROUPS.
- FURTHER, THE COMPLEX INCORPORATES NATURAL FEATURES EXISTING ON SITE TO CREATE PLAZAS, SCENIC VIEWS AND INFORMAL SEATING SPACES THAT ARE ENJOYED BY PEOPLE IN MASSIVE NUMBERS DURING THE EVENINGS. HENCE THIS STUDY IS NOT ONLY A PERFECT MODEL TO STUDY FROM, BECAUSE OF ITS FUNCTIONS, BUT IT ALSO GIVES AN OPPORTUNITY TO STUDY USER BEHAVIOR AND PREFERENCES IN SUCH A BUILT ENVIRONMENT AND HOW TO PLAN THE SPACES TO FURTHER ENHANCE THE USER EXPERIENCE.







■ BUILT AREA   ■ UNBUILT AREA   ■ PARKING



■ HARD PAVED AREAS(ROADS,PAVEMENT,ETC)  
■ LANDSCAPED GREEN AREAS  
■ ARTIFICIAL WATER BODIES ON SITE(FOUNTAIN,ETC)  
■ PARKING



Figure 3.9 : Vehicular movement pattern within the site

Figure 3.9 shows the vehicular movement on the site and the frequency of vehicles on each route. From the diagram we can deduce that a particular area is demarcated on the site for vehicular movement, leaving the rest of the site to be pedestrian friendly.

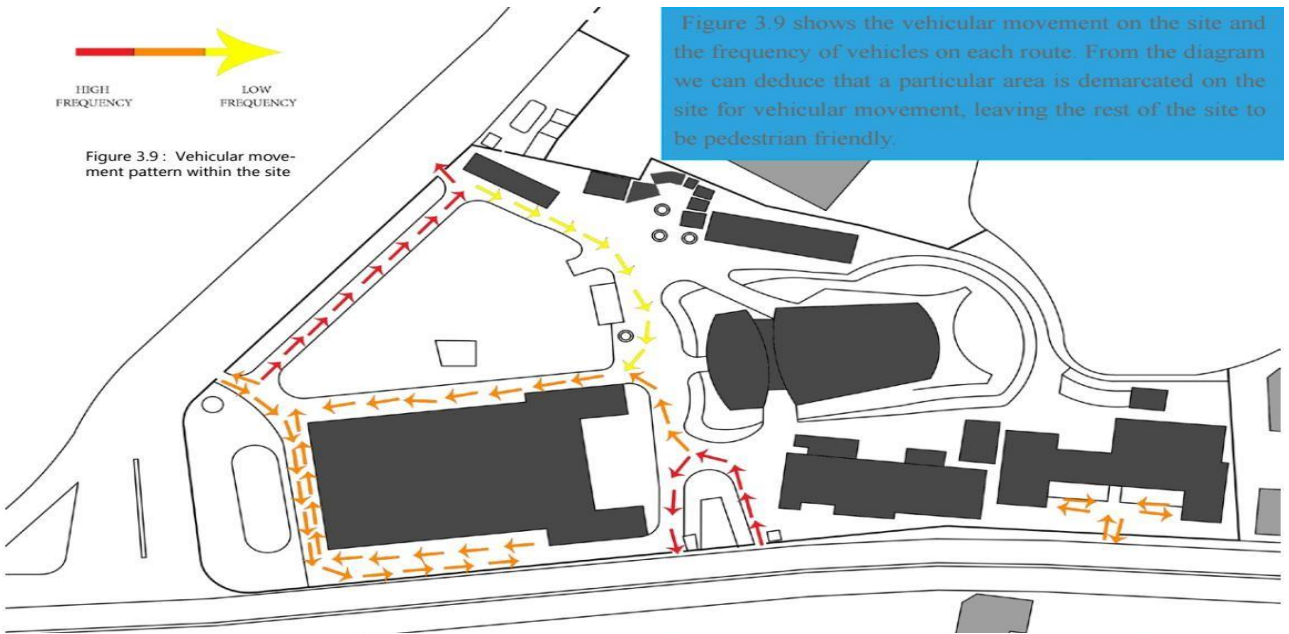


Figure 3.10 : Pedestrian movement pattern within the site

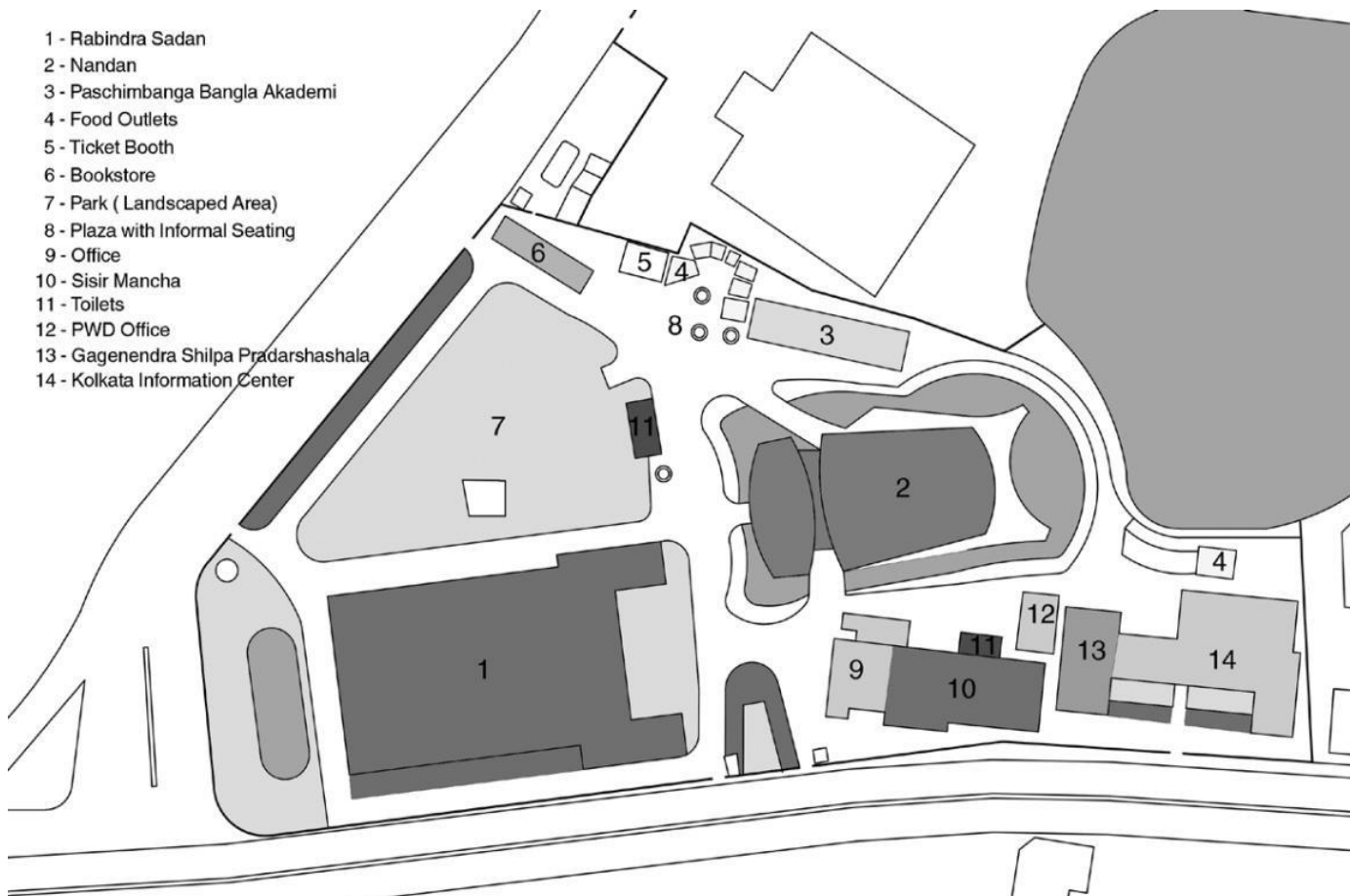
Figure 3.10 shows the pedestrian movement on the site. In the diagram we see the major routes that are pedestrian and the major areas where a lot of people accumulate. The diagram clearly shows the major part of the site is used for pedestrian movement.







## ➤ SITE PLAN WITH BUILDINGS DEMARCATED



Function		Ground Cover (m²)	Ground Cover (%)
	Green Areas	4771	20.63
	Parking	731	03.16
	Retail	136.54	00.59
	Food Outlets	166.87	00.72
	Toilets	120	00.52
	Office	1184	05.12
	Water	1441.3	06.23
	Auditoriums	3483.5	15.06
	Cinema Theater	1141.3	06.10
	Exhibition Space	277.5	01.20
	Institutional Space	318	01.38
	Roads & Circulation		40.30
Total ground cover (buildings)			6779.61 m²
Total ground cover percentage (buildings)			29.35 %



- GAGANENDRA SHILPA PRADARSHASHALA
  - THE INTERESTING EXHIBITS PRESENTED BY THIS GALLERY MAKE IT A FAVORITE HAUNT OF THE ART-LOVING PUBLIC.

## ➤ USER BEHAVIOR AND SITE SECTIONS



### ➤ NANDAN

NANDAN IS A GOVERNMENT-SPONSORED FILM AND CULTURAL CENTER IN KOLKATA, INDIA. THE PRIMARY AIM OF THE CULTURAL HUB IS TO ENCOURAGE AND FACILITATE CINEMATIC AWARENESS IN SOCIETY. IT INCLUDES A FEW COMPARATIVELY LARGE SCREENS HOUSED IN AN IMPRESSIVELY DESIGNED

- BUILDING USE - CINEMA TOTAL
- CAPACITY - 940 SEATS



### ➤ RABINDRA SADAN

RABINDRA SADAN IS A CULTURAL CENTER AND THEATRE IN KOLKATA, LOCATED NEAR THE NANDAN CINEMA AND CULTURAL COMPLEX AND THE ACADEMY OF FINE ARTS ON AJC BOSE ROAD IN SOUTH KOLKATA

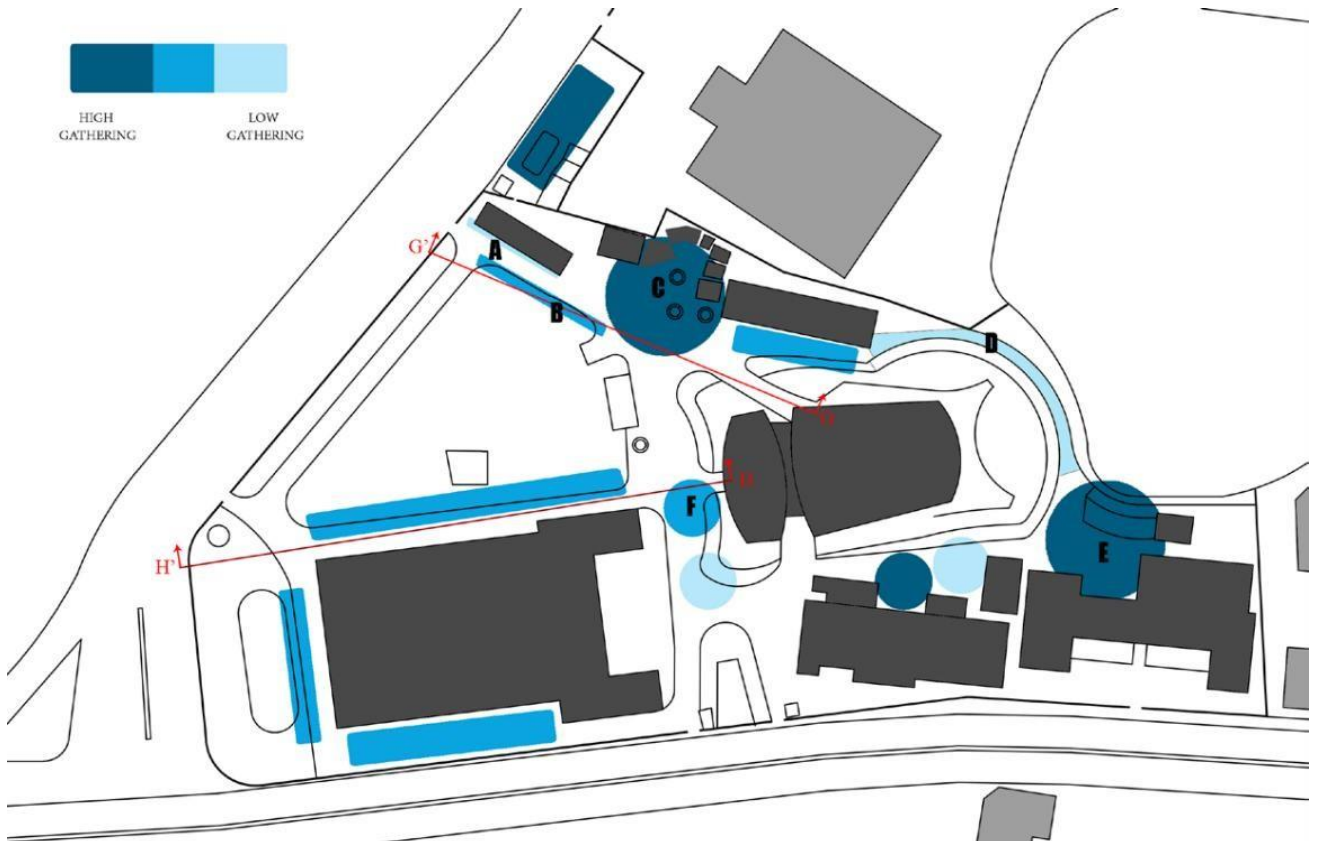




- **PASCHIMBANGA BANGLA ACADEMI**  
PASCHIMBANGA BANGLA AKADEMI IS THE OFFICIAL REGULATORY BODY OF THE BENGALI LANGUAGE IN WEST BENGAL. THE ENTRY TO THE INSTITUTION IS RESTRICTED BY AN INTERNAL GATE WITHIN THE COMPLEX.
- BUILDING USE - INSTITUTIONAL



- **SISIR MANCHA**  
SISIR MANCHA IS AN AUDITORIUM LOCATED IN A.J.C. BOSE ROAD, KOLKATA, WEST BENGAL, INDIA. THIS AUDITORIUM IS REGULARLY USED FOR BENGALI THEATERS.
- BUILDING USE – THEATRE
- BUILDING CAPACITY - 412 SEATS



- **SITE PLAN SHOWING USER GATHERING AREAS**



➤ **OVERLAYING OF USER GATHERINGS OF  
PADESTRIAN MOVEMENT PATTERN**







**BOOK STORE AT REAR  
ENTRANCE OF  
COMPLEX**



**GATHERING AT TICKET COUNTER  
FOR RABINDRA SADAN**



**INFORMAL SEATING AROUND  
TREES AT RABINDRA SADAN**



**PEOPLE SITTING OUTSIDE THE  
NANDAN THEATRE(INFORMAL  
SITTING)**



**STATUE MADE OUT OF TREE TRUNK,HENCE CREATING PUBLIC ART AND  
INFORMAL SEATING SPACE  
CENTRE FOR FILM FESTIVAL**



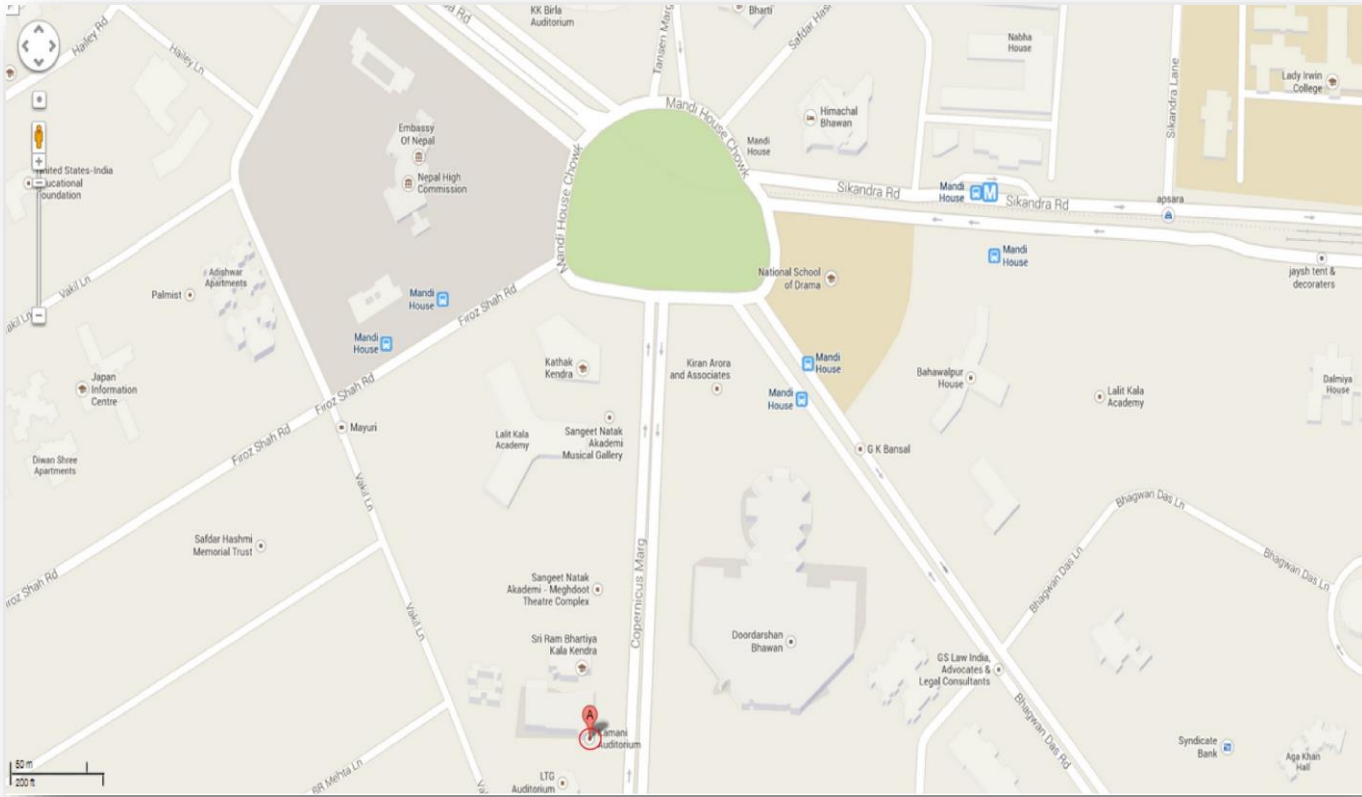
## KAMANI AUDITORIUM

- KAMANI AUDITORIUM, A UNIT OF THE BHARATIYA KALA KENDRA TRUST, IS THE MOST PRESTIGIOUS THEATRE HALL OF DELHI. THE 632 SEATER AUDITORIUM HAS BEEN A HOST TO SOME OF THE BEST NATIONAL AND INTERNATIONAL THEATRICAL, DANCE AND MUSICAL PERFORMANCES. THE AUDITORIUM BUILDING IS AN ELEGANT STRUCTURE WITH AESTHETICALLY DESIGNED PUBLIC AREAS, MAIN HALL, GREEN ROOMS, ETC.
- THE AUDITORIUM IS STRATEGICALLY LOCATED IN THE MANDI HOUSE AREA OF NEW DELHI AT 1, COPERNICUS MARG. MANDI HOUSE IS WELL KNOWN AS THE CULTURAL HUB OF THE CAPITAL. THE AUDITORIUM IS WELL CONNECTED BY BUS SERVICES AS WELL AS THE DELHI METRO WHICH HAS ITS STATION JUST 5 MINUTES WALKING DISTANCE FROM THE HALL.

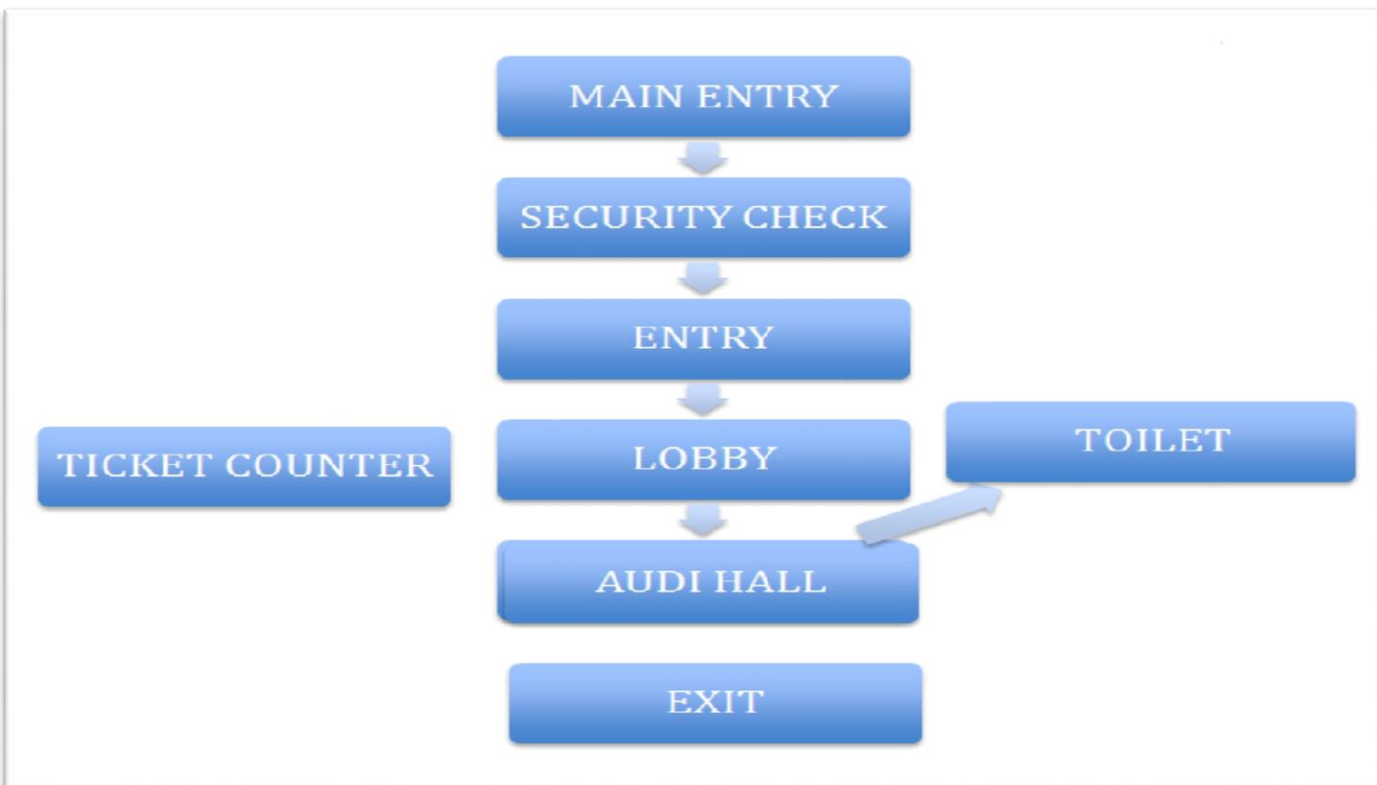


## ➤ LOCATION MAP

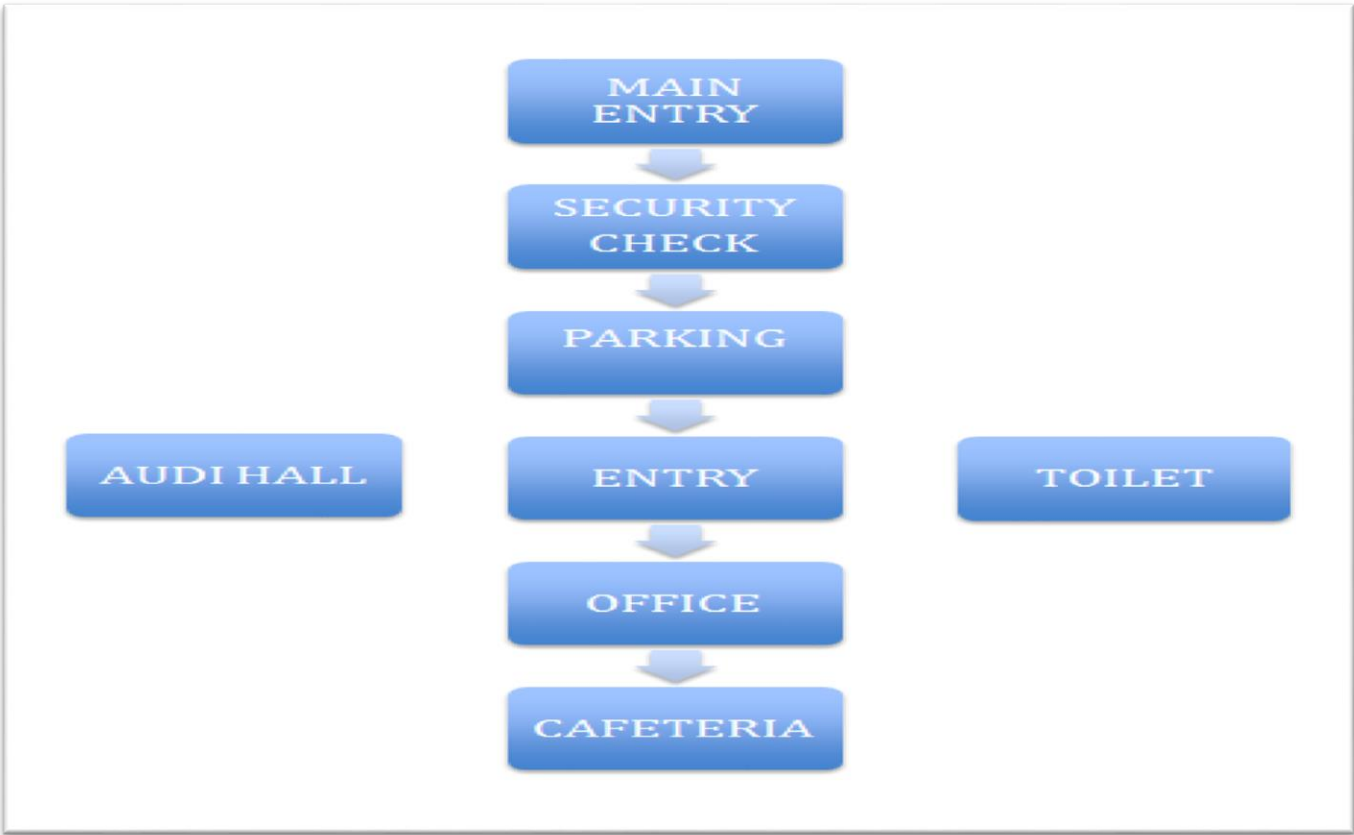
- DISTANCE FROM MANDI HOUSE METRO STATION – 850m
- DISTANCE FROM MANDI HOUSE BUS STOP – 350m



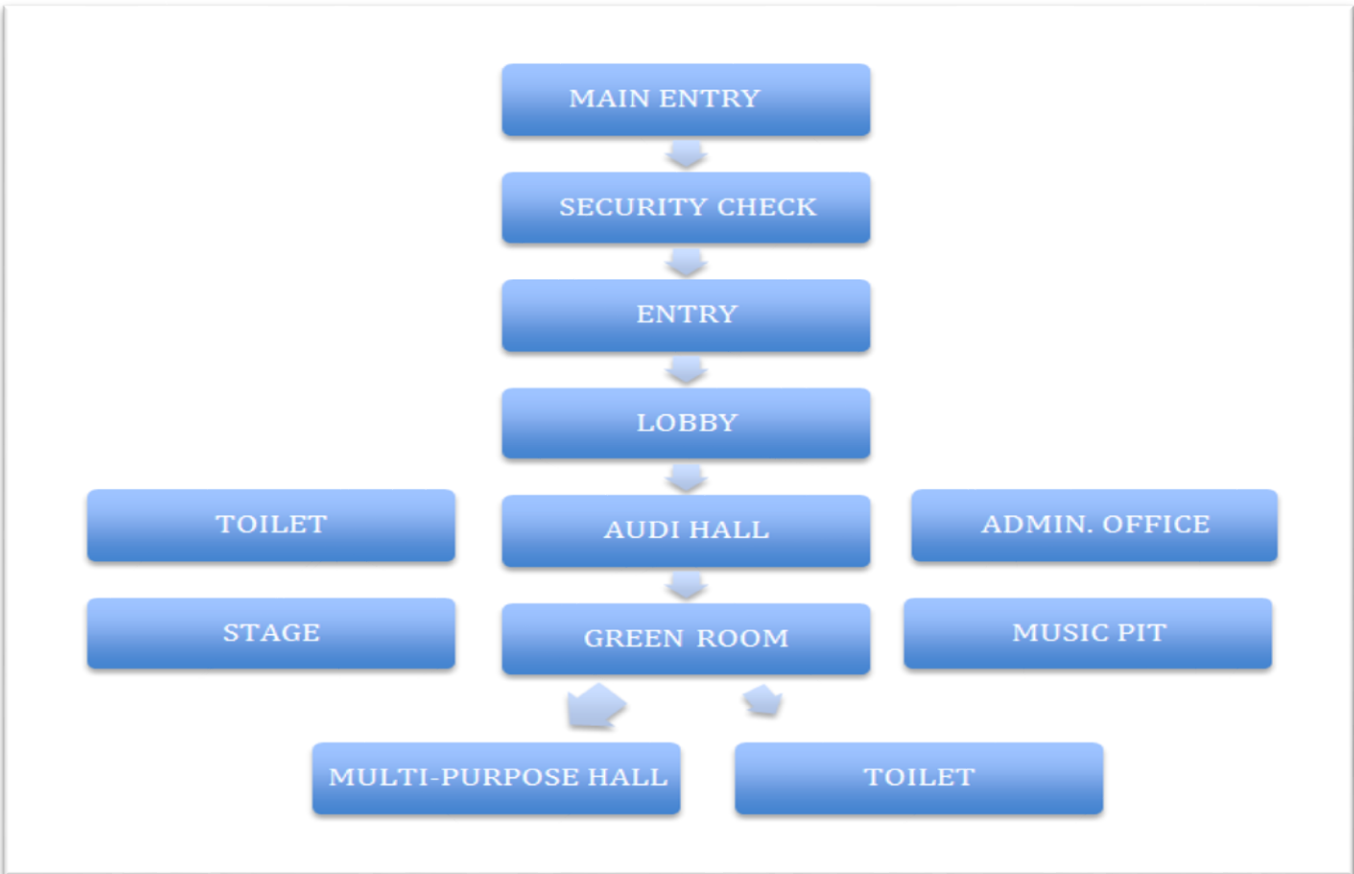
## ➤ CONNECTIVITY FOR AUDIENCE



➤ CONNECTIVITY FOR STAFF



➤ CONNECTIVITY FOR PARTICIPANTS

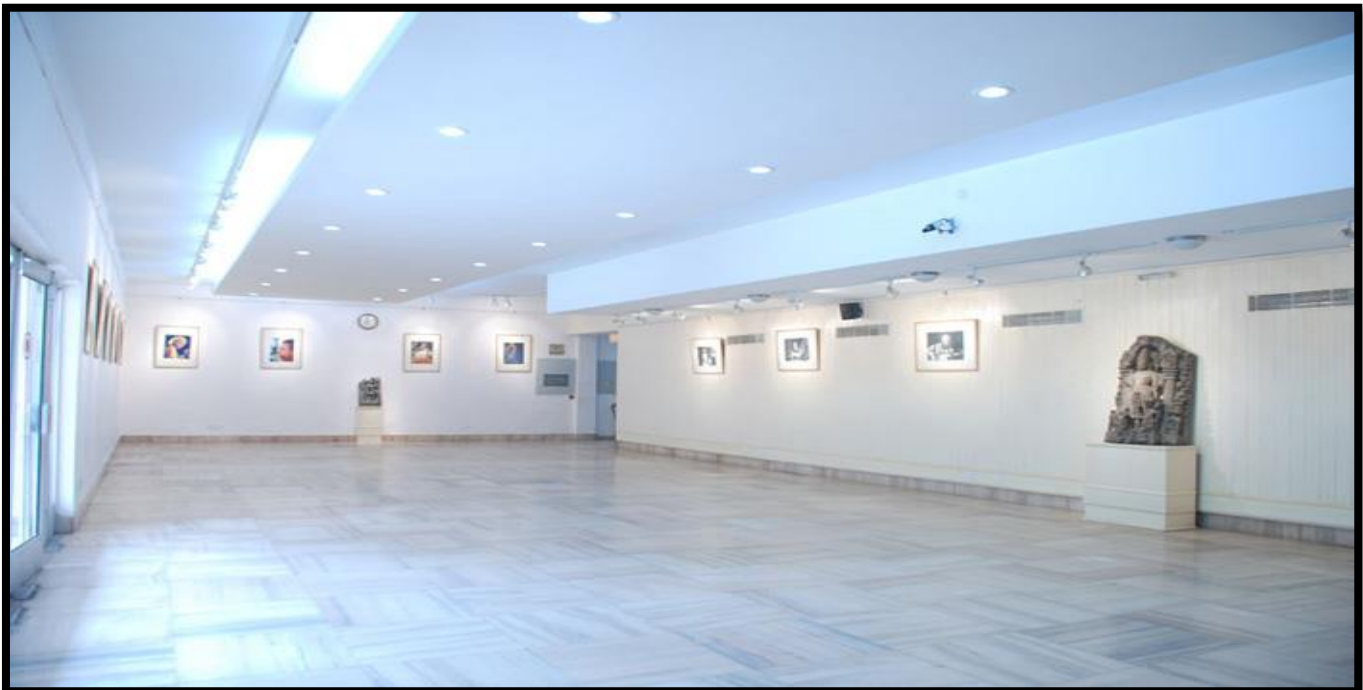




## ➤ LANDSCAPING



## ➤ FOYER AREA



- THE AUDITORIUM HAS A DIRECT INWARD DIALING TELEPHONE SYSTEM TO HANDLE CUSTOMER QUERIES AS WELL AS A MOBILE COMMUNICATION SYSTEM TO ENABLE INTERCONNECTION BETWEEN THE STAGE AND THE CONTROL ROOM. IN ORDER TO ENHANCE SECURITY, THE AUDITORIUM HAS AN ELABORATE CCTV SYSTEM.



➤ **SEATING**



➤ **PARKING INSIDE THE SITE**





➤ FIRE EXIT STAIRCASE



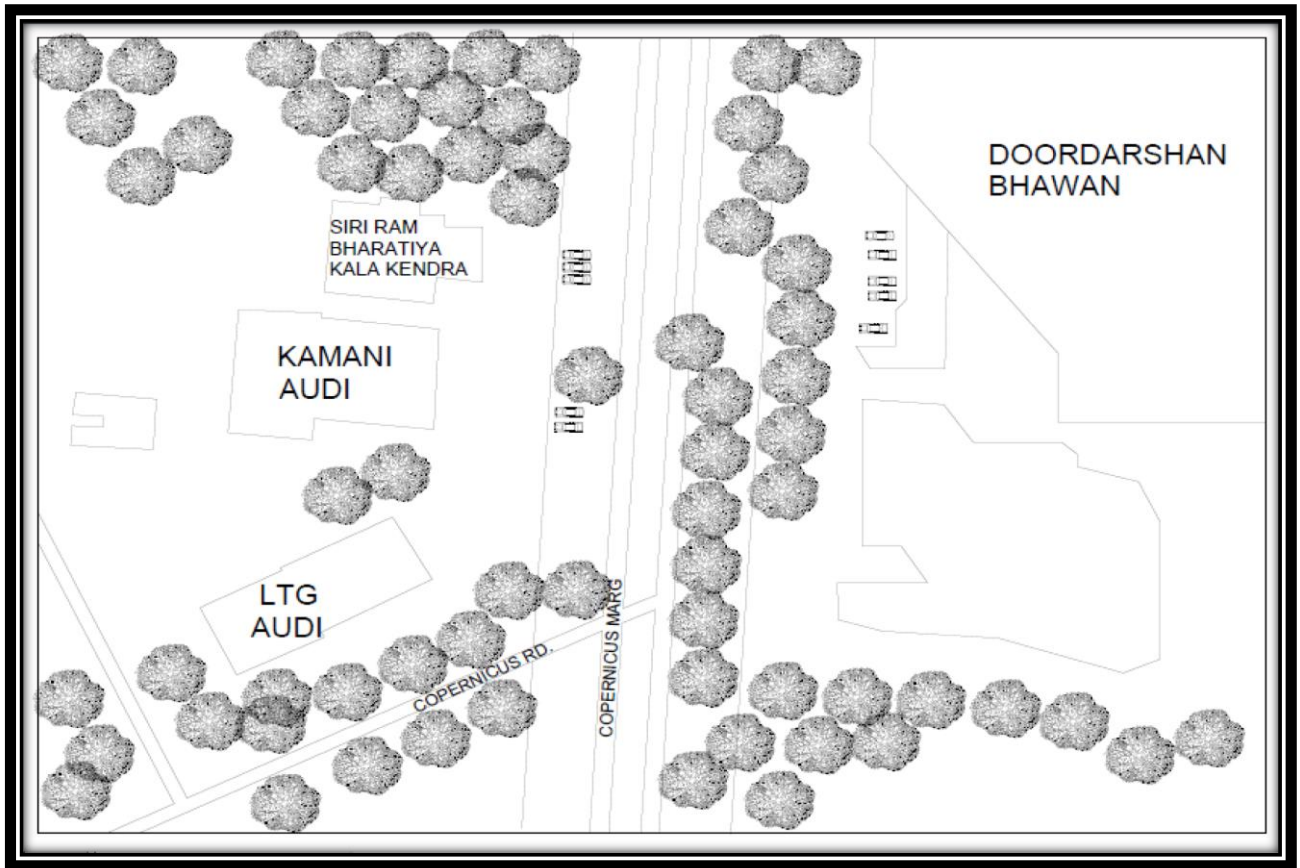
➤ WATER COOLER



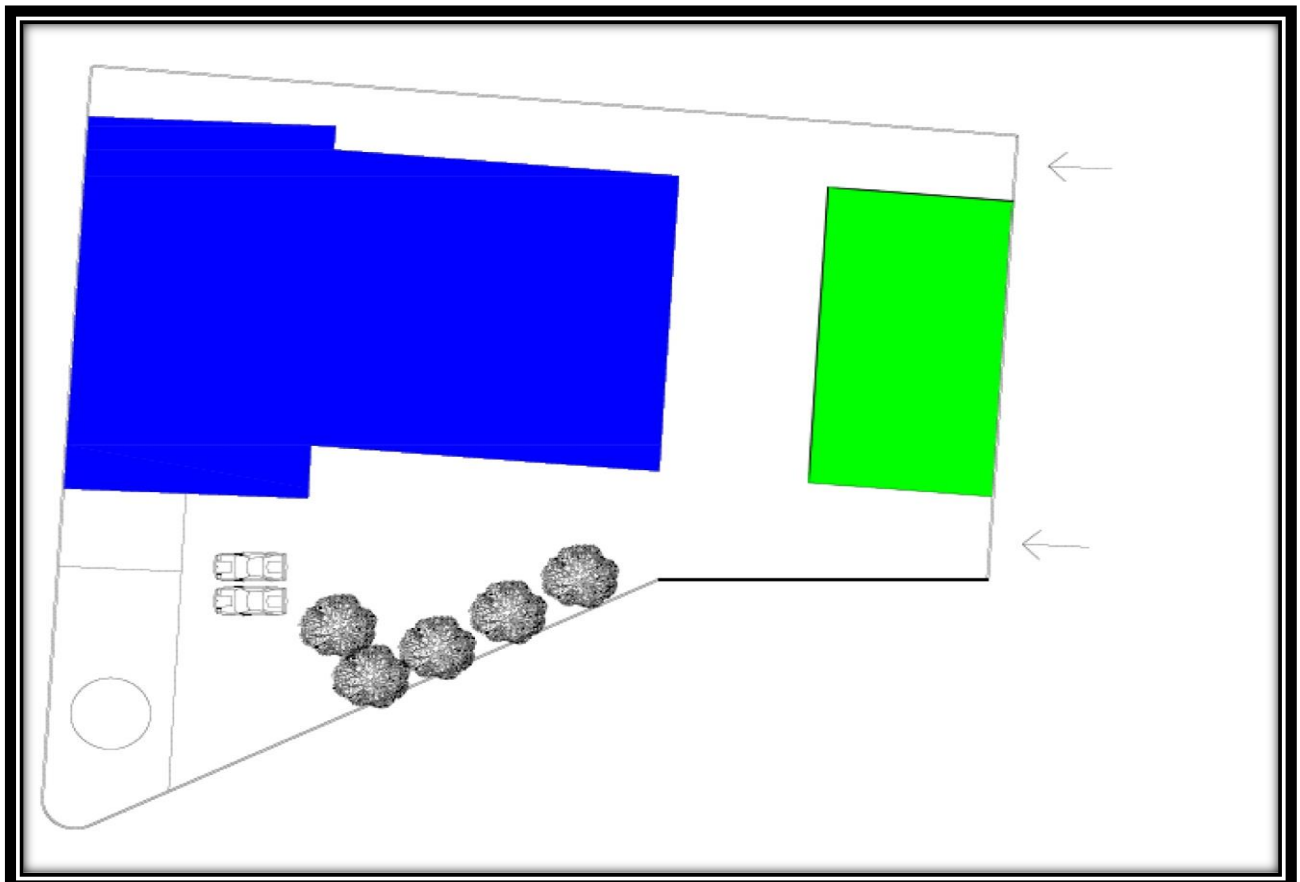
➤ PARKING OUTSIDE THE AUDITORIUM



## ➤ SITE SURROUNDINGS



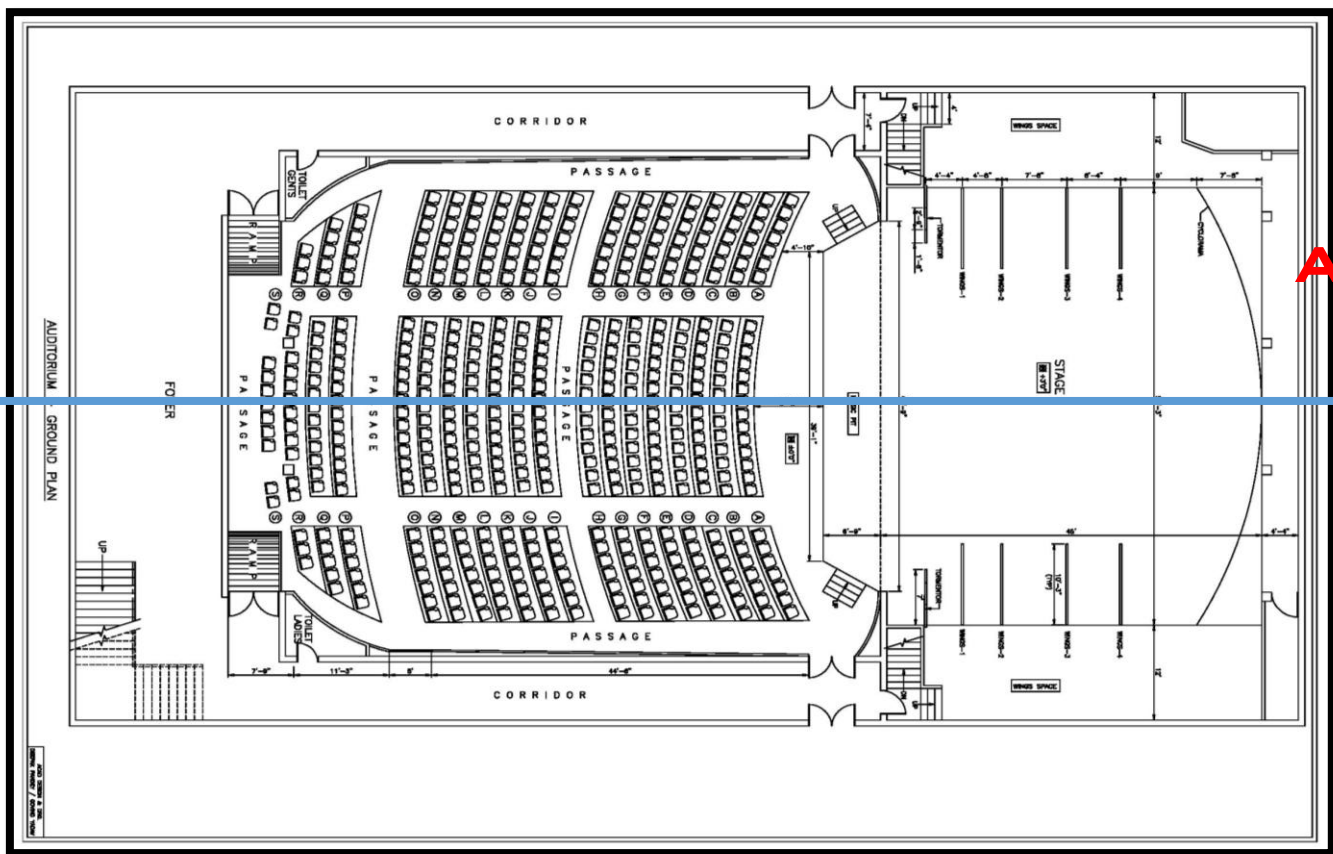
## ➤ SITE PLAN





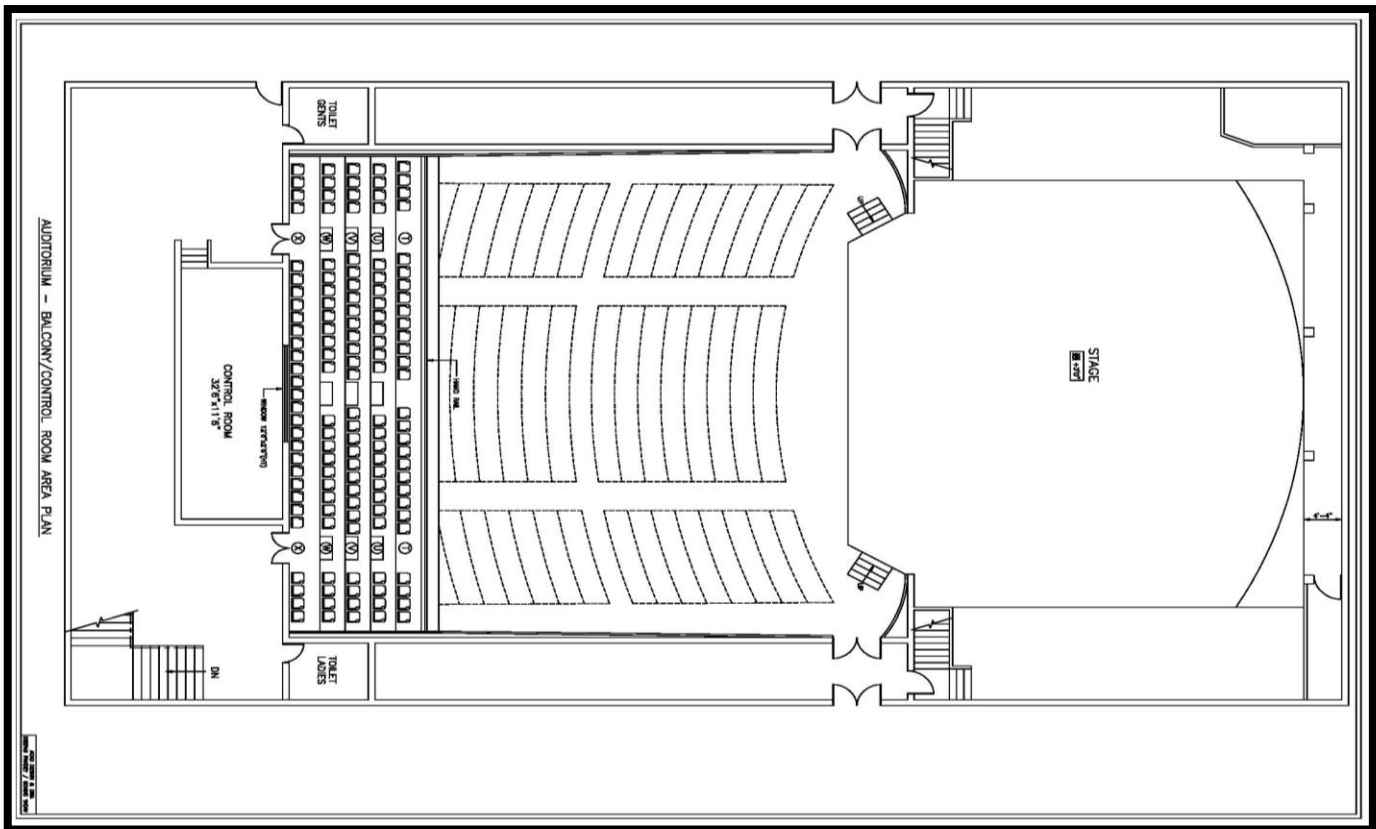
➤ GROUND FLOOR PLAN

A  
↑

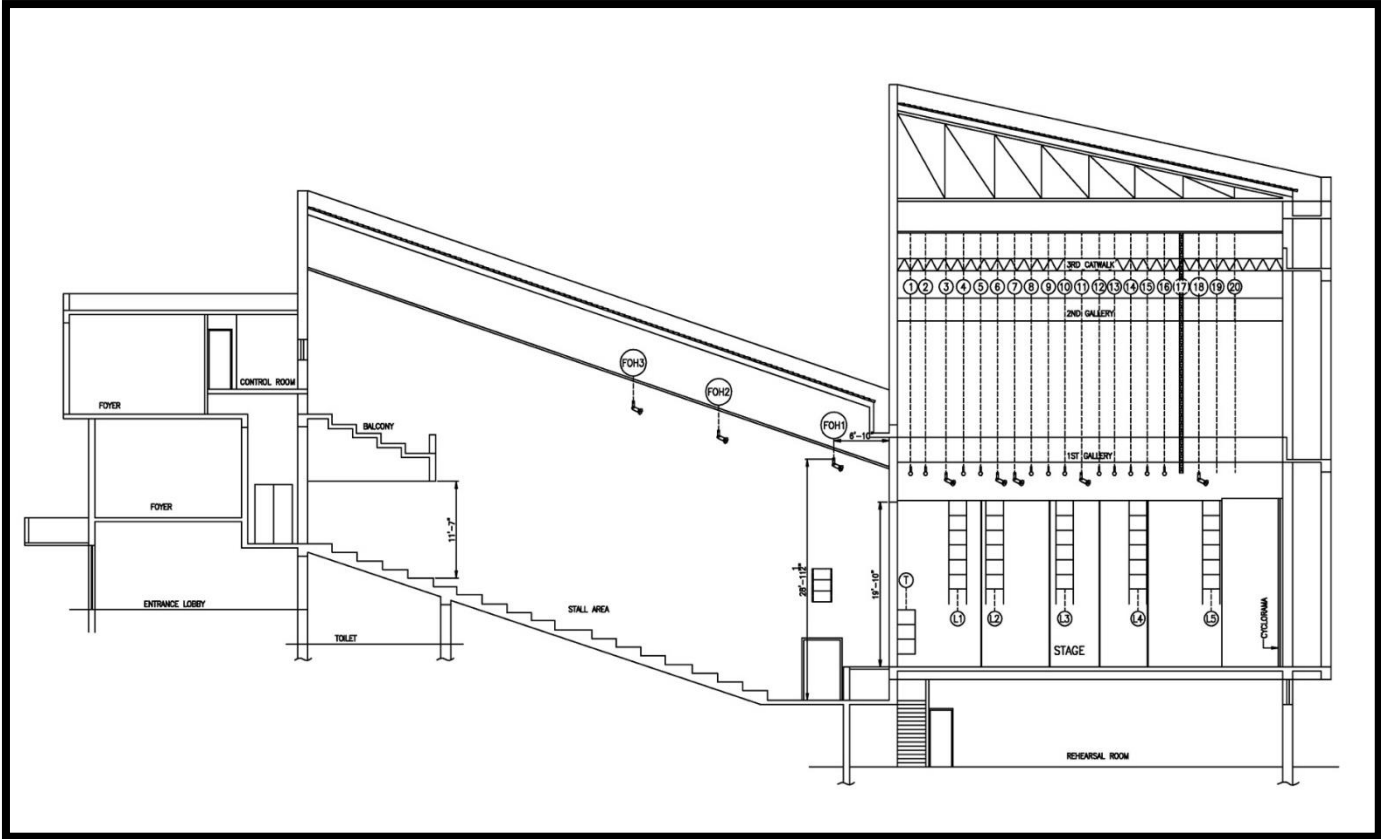


A  
↑

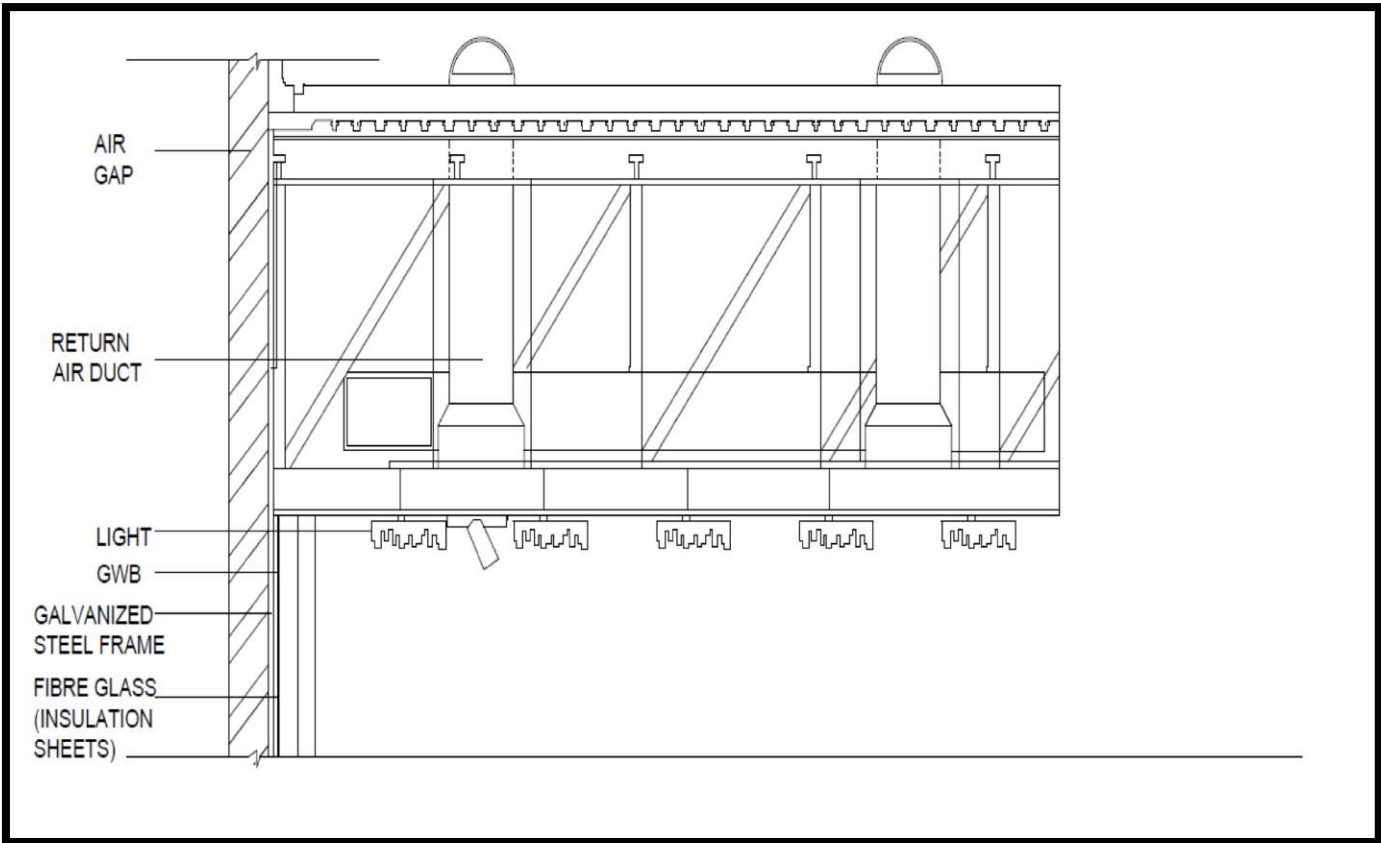
➤ BALCONY / CONTROL ROOM PLAN



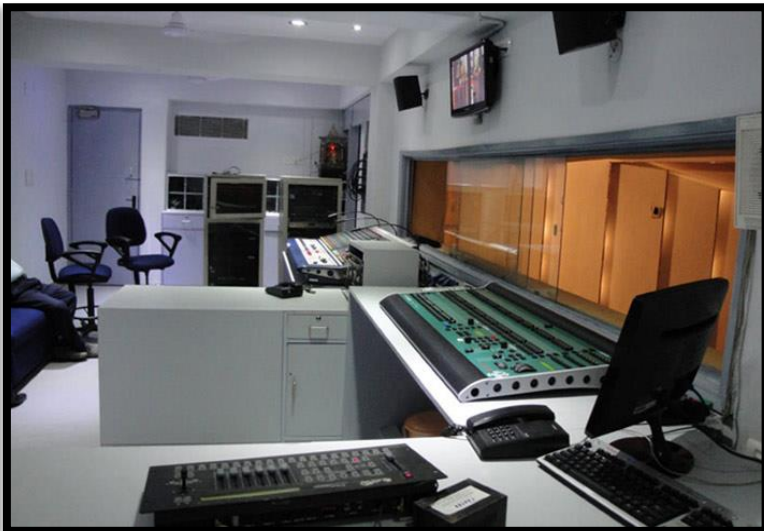
➤ CROSS SECTION OF AA'



➤ WALL SECTION

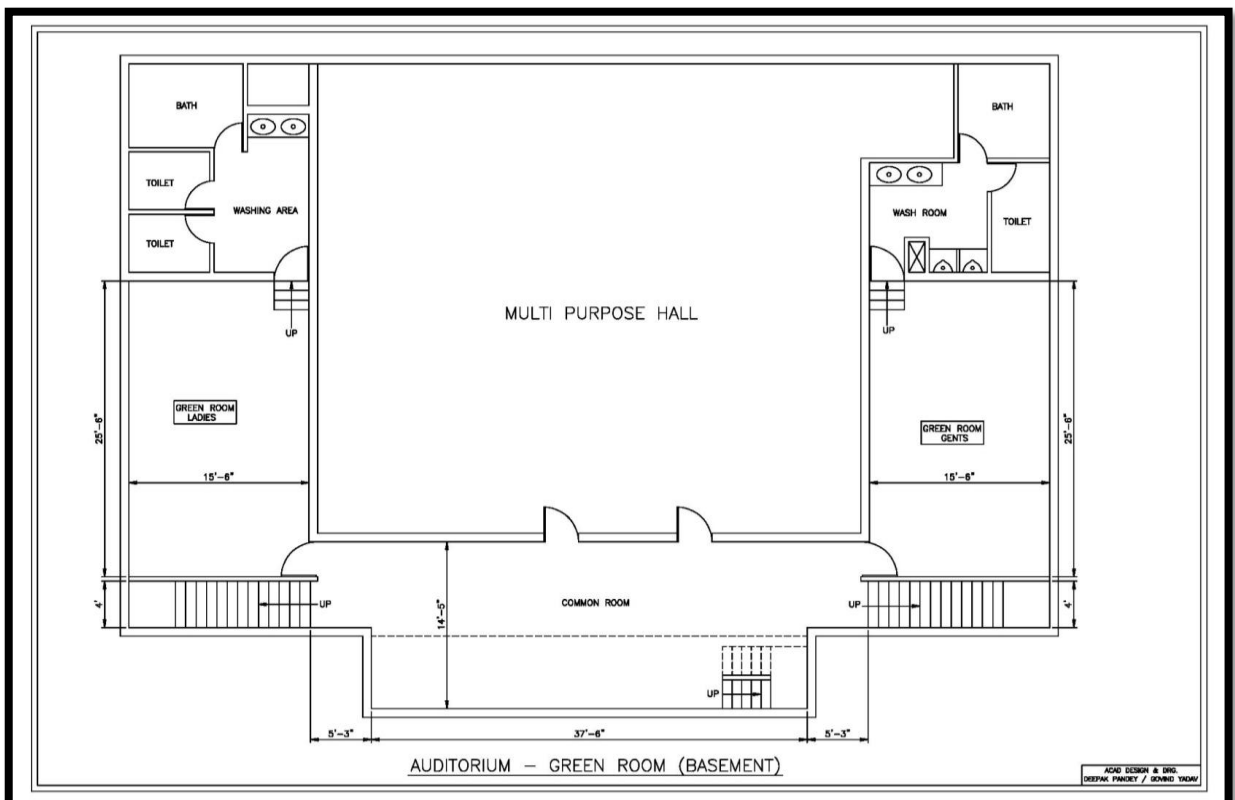


## ➤ CONTROL ROOM

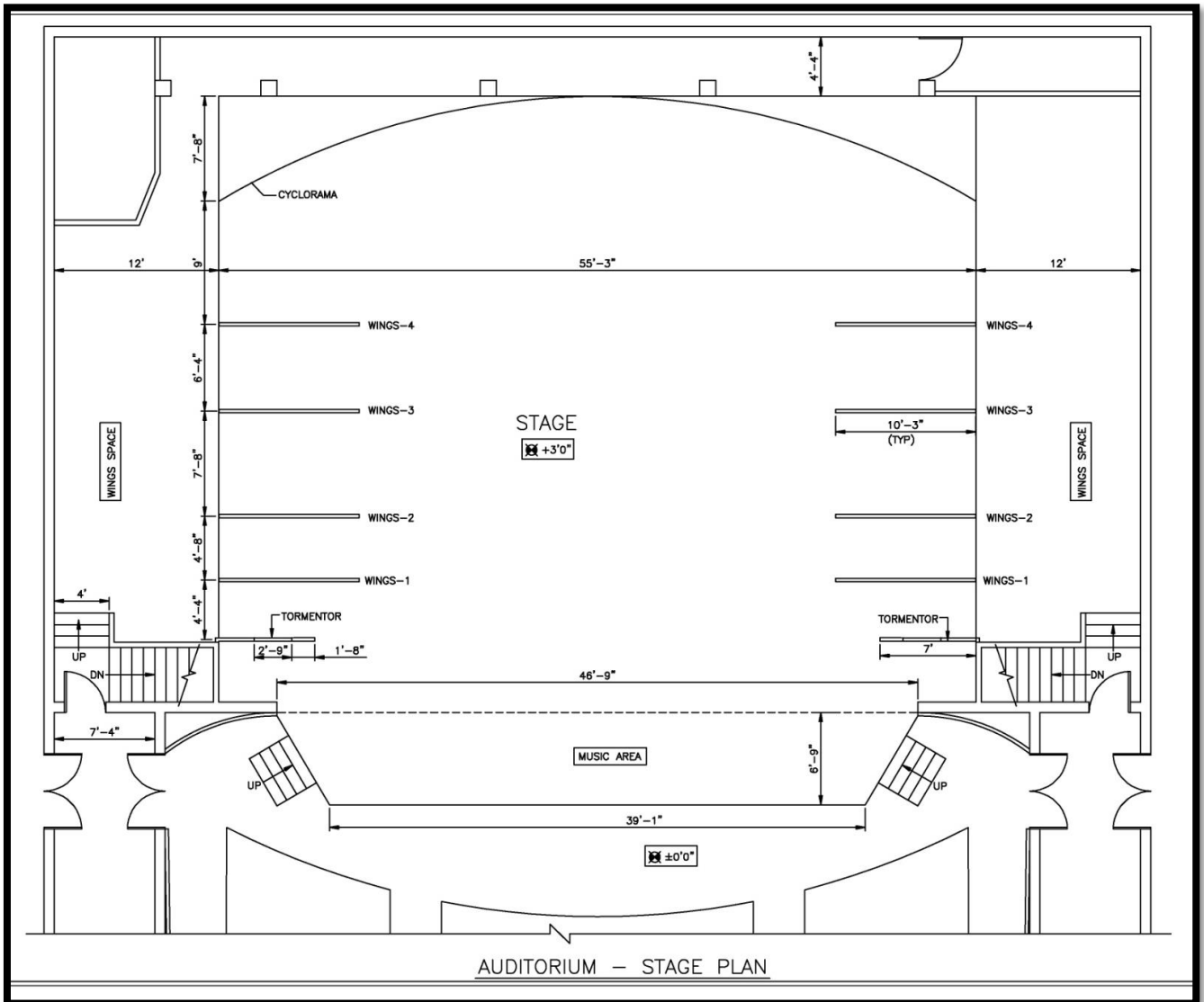


- THE AUDITORIUM HAS EXCELLENT ACOUSTICS. IT IS FURTHERMORE EQUIPPED WITH A PROFESSIONAL QUALITY SOUND SYSTEM USING JBL SPEAKERS, CROWN AMPLIFIERS AND A 32 CHANNEL SOUNDCRAFT MIXER. THE AUDITORIUM ALSO HAS ITS OWN SOPHISTICATED STAGE LIGHTING WITH A LARGE VARIETY OF PROFESSIONAL LIGHTS SUCH AS PARS, PROFILES, VICTORIES, ETC., WHICH ARE CONNECTED THROUGH A COMPUTERIZED SOFT PATCHING SYSTEM TO A 48 CHANNEL, ZERO 88, BULLFROG CONTROL PANEL.

## ➤ BASEMENT / GREEN ROOM PLAN



## ➤ Stage plan

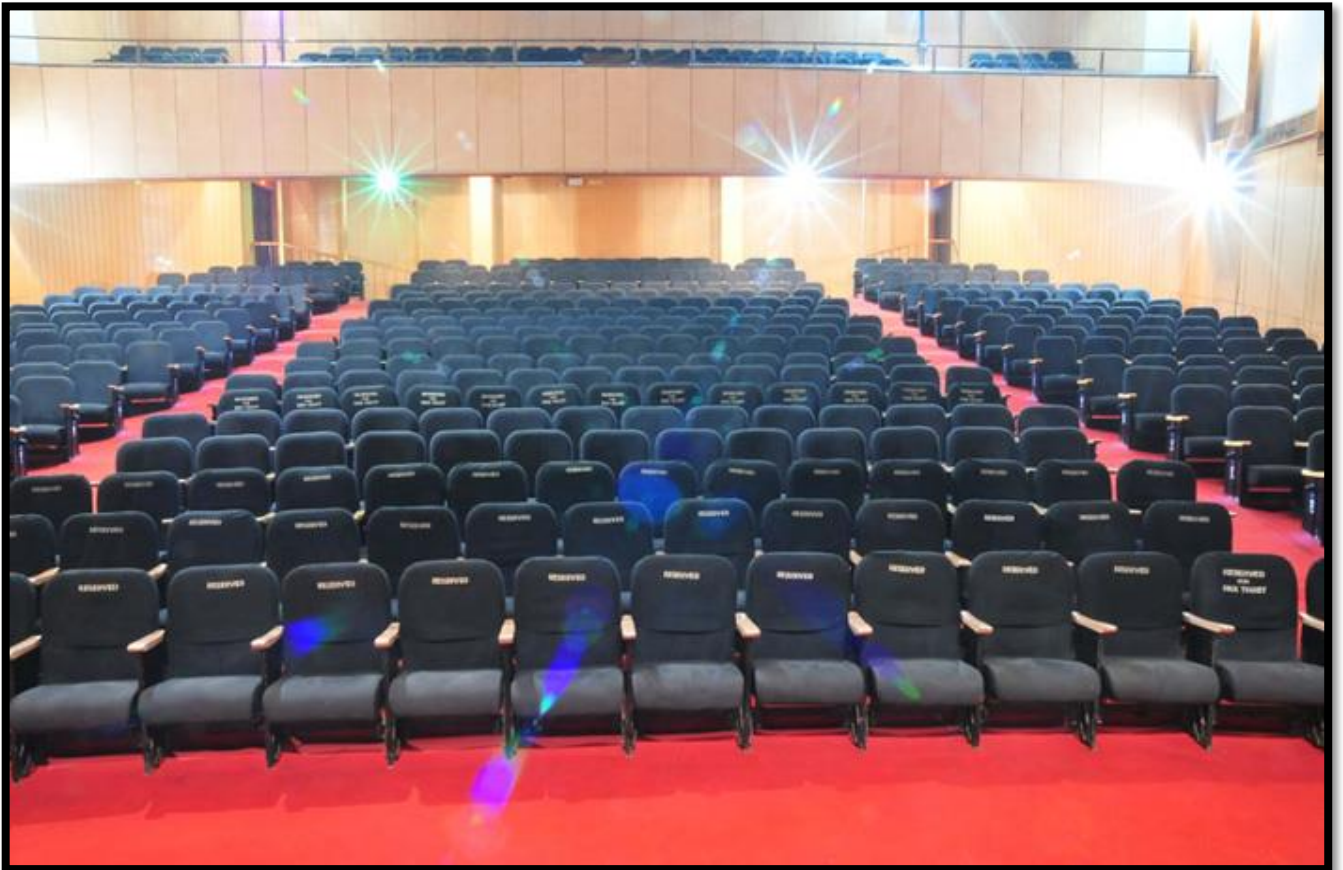


- THE AUDITORIUM HAS ONE OF THE FINEST STAGES IN THE CITY OF DELHI WITH A WIDTH OF 15 METERS AND A DEPTH OF 14 METERS. THE AUDITORIUM STAGE IS IDEAL FOR DEMANDING THEATRICAL PERFORMANCES. TO ENABLE QUICK CHANGE OF SCENES AND SETS AS WELL AS ELABORATE LIGHTING DESIGN, THE STAGE IS EQUIPPED WITH 21 FLYING BARS WITH AN UPPER HEIGHT OF OVER 14 METERS.





**VIEW OF HALL FROM THE STAGE**



**SEATING**

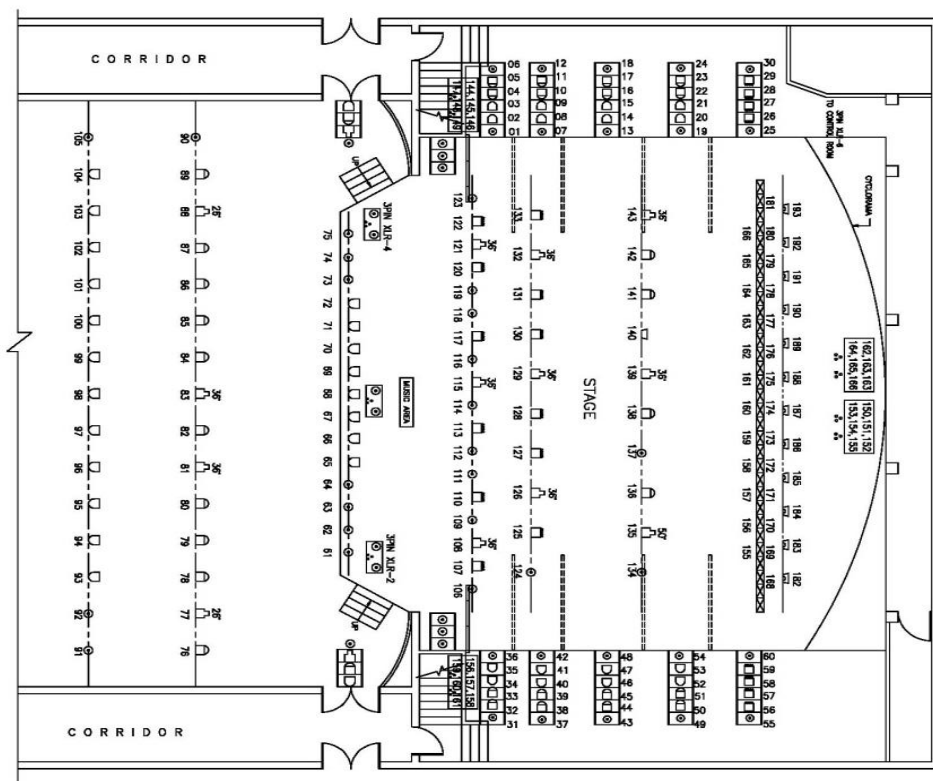
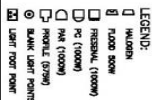


**VIEW OF STAGE FROM BALCONY**



**VIEW OF THE STAGE FROM BACK ROWS OF BALCONY**





# RAVINDRALAYA AUDITORIUM

## ➤ INTRODUCTION

1. LOCATION- CHARBAGH ROAD, CASH AND PAY COLONY, LAL KUAN, LUCKNOW
2. CONSTRUCTION- 1964
3. BUILT BY-
4. CAPACITY-777
5. TOPOGRAPHY- FLAT
6. PURPOSE- MULTIPURPOSE SPACE - CONFERENCES, SHOWS, ANNUAL FUNCTIONS OF SCHOOLS AND COMPETITIONS ARE ORGANIZED HERE TOO.



**MURAL-CREATION OF PADMA VIBHUSHAN KG SUBRAMANYAN,  
A PIONEER OF INDIAN MODERN ART IN 1963**

**CENTRE FOR FILM FESTIVAL**



➤ **SPACE DESCRIPTION**

○ **ENTRANCE**

- 3.6M WIDE ENTRANCE STEPS
- 3 STEPS(.45M.); .15M RISER & .3M TREAD



**VIEW FROM THE ENTRANCE GATE 2200MM**

➤ **INSIDE AUDITORIUM HALL**

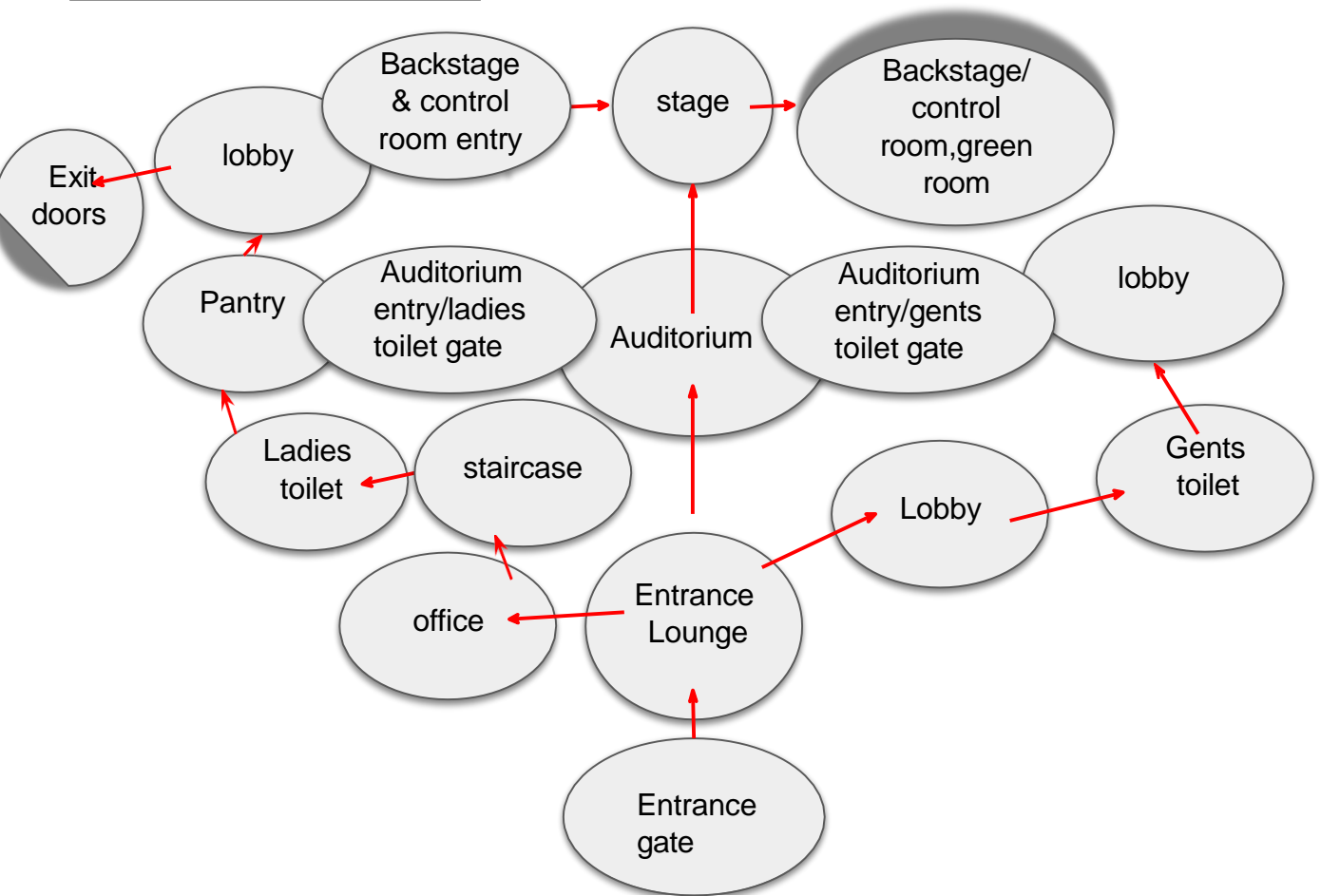


**UPHOLSTERY OF AUDITORIUM**



**CONTROL ROOM**

## INNER CONNECTIVITY



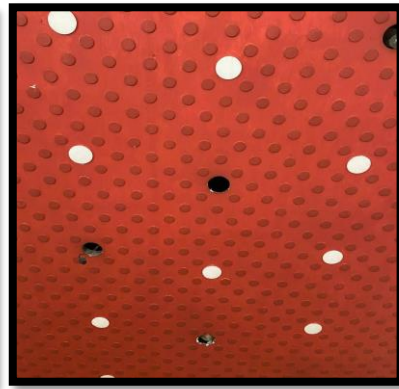
## TYPES OF CEILING AT RAVINDRALAYA



## PLYWOOD CEILING AT SIDEWAY OF AUDITORIUM



## CEILING AT WAITING AREA



## CEILING AT FIRST FLOOR





**CEILING INSIDE AUDITORIUM**



**CEILING AT ENTRANCE**

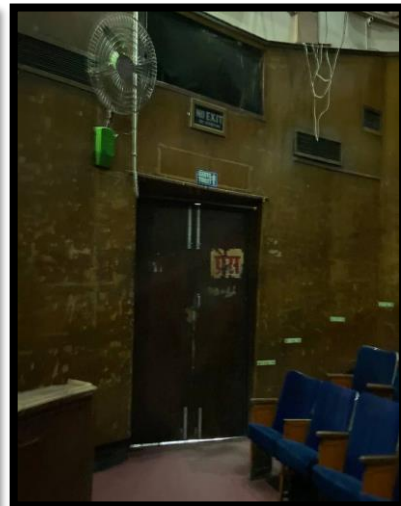
➤ **DOORS AT RAVINDRALAYA**



**MAIN DOOR 2400MM  
WIDE**



**OFFICE DOOR  
1050MM WIDE**



**2 ENTRY GATE OF  
AUDITORIUM-2100MM  
WIDE**

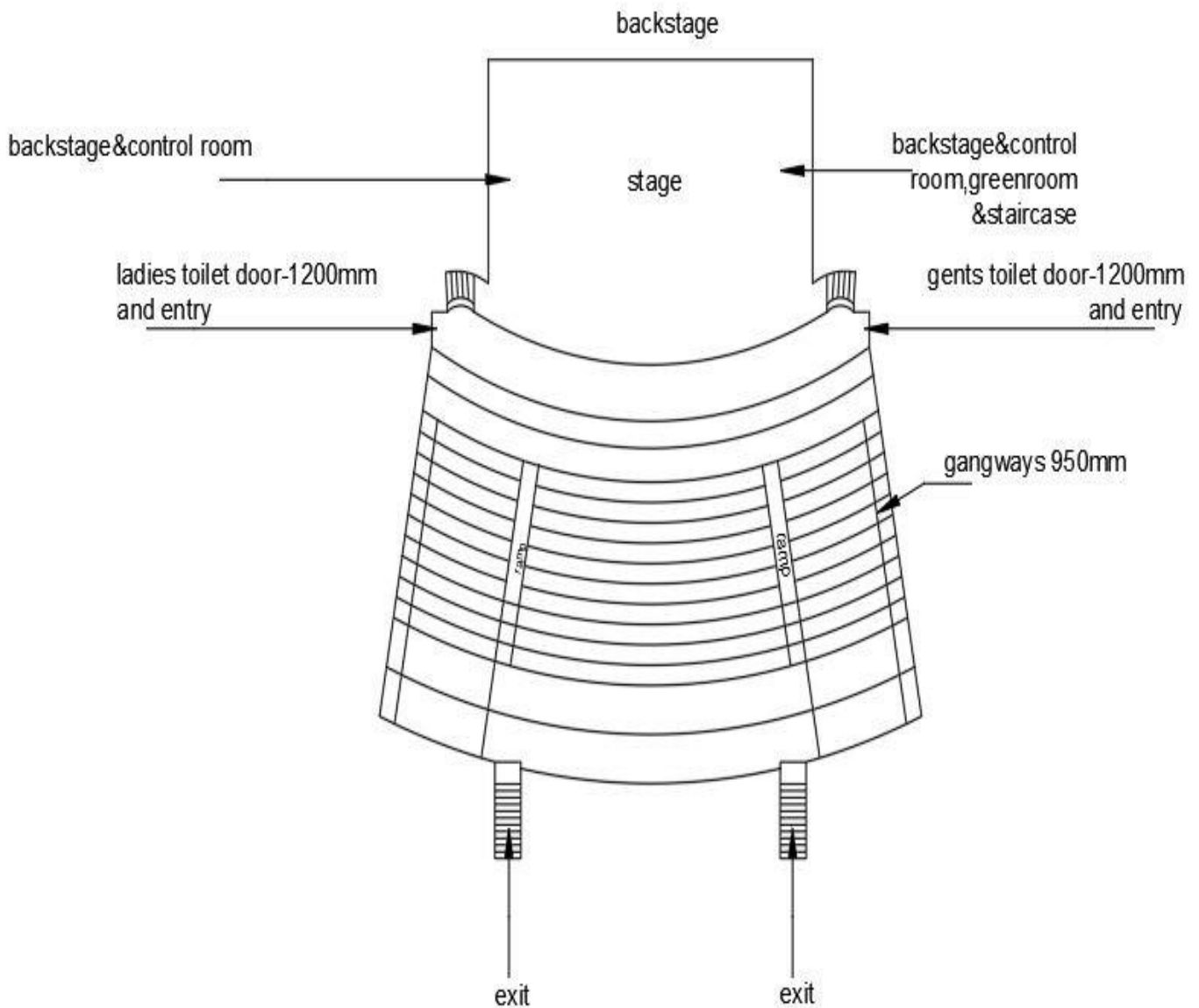


**ENTRY OF BACKSTAGE**



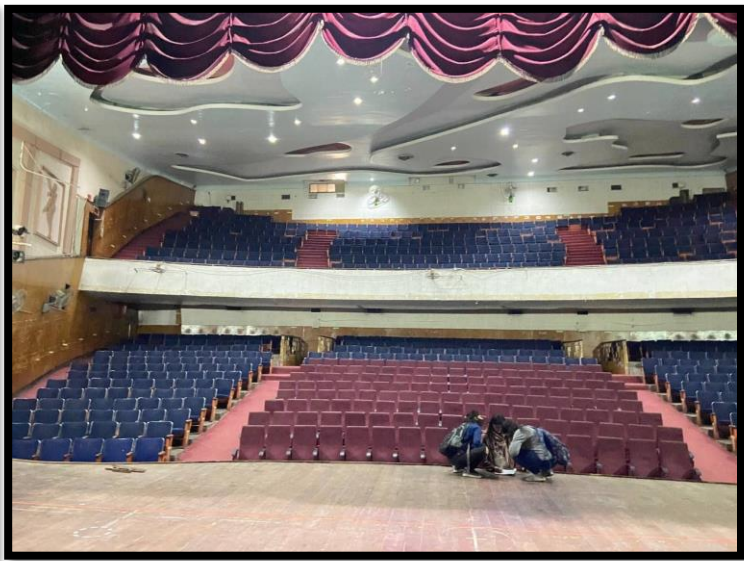


## ➤ PLAN



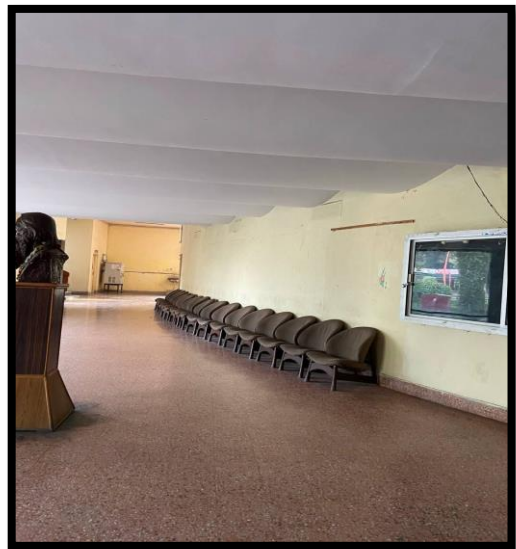
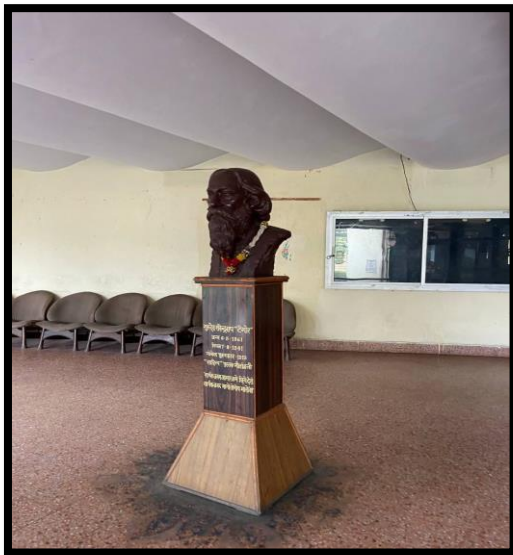
## ➤ STAGE

1. RECTANGULAR STAGE OF 40 FT.
2. STAGE LEVEL IS **+900 MM**.
3. FLOORING- WOODEN
4. PROJECTION SCREEN- 12MX18M
5. AT BOTH SIDE OF THE STAGE THERE IS A BACK STAGE, GREEN ROOM & CONTROL ROOM ENTRY.



**STAGE OF AUDITORIUM**

➤ **WAITING AREA AND FOOD COURT**



**CURVE CEILING AT WAITING AREA**



**FOOD COURT**



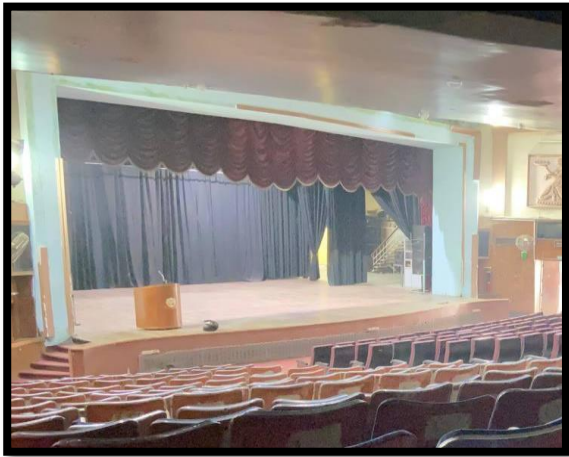
➤ CEILING ABOVE STAGE AND BACK STAGE



➤ CONTROL ROOM AND V.I.P. ROOM



**BESIDE THE STAGE**



**40 FT.X 40 FT.STAGE**



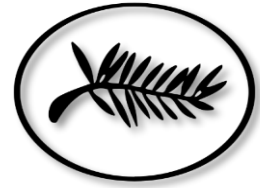
**CARPET ON FLOOR**



# **- LITERATURE STUDY -**

## PALAIS DE FESTIVAL

THE CANNES FESTIVAL NAMED UNTIL 2002 AS THE INTERNATIONAL FILM FESTIVAL (FESTIVAL INTERNATIONAL DU FILM) AND KNOWN IN ENGLISH AS THE CANNES FILM FESTIVAL IS AN ANNUAL FILM FESTIVAL HELD IN CANNES FRANCE. WHICH PREVIOUS NEW FILMS OF ALL GENRES, INCLUDING DOCUMENTARIES FROM ALL AROUND THE WORLD FOUNDED IN 1946, THE INVITATION ONTO FESTIVAL IS HOLD ANNUALLY(USUALLY IN MAY)AT THE PALAIS DES FESTIVALS ET DES CONGRES.



FESTIVAL DE CANNES

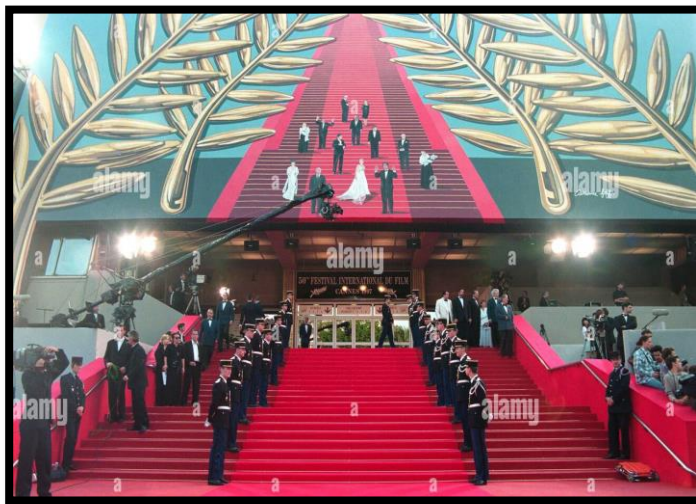
LOGO OF CANNES  
FILM FESTIVAL



GOOGLE EARTH IMAGE OF THE SITE

**CENTRE FOR FILM FESTIVAL**





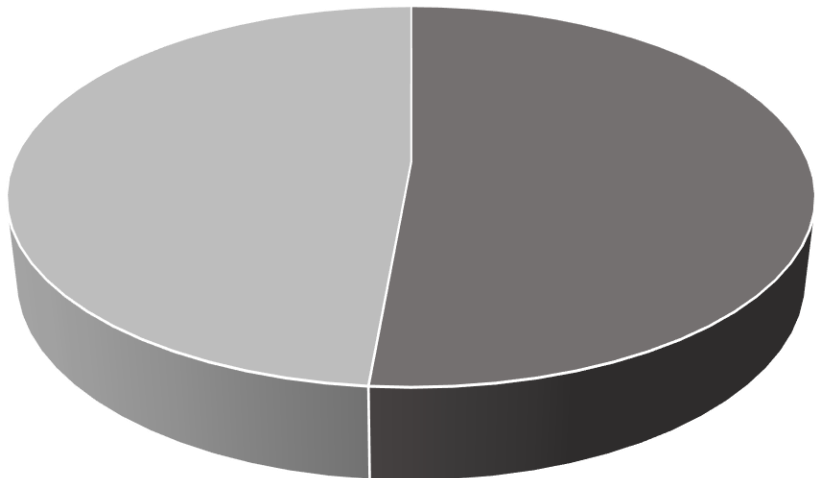
**RED CARPET ENTRANCE**



**THEATRE AT CANNES FILM FESTIVAL**



**PALAIS DE FESTIVAL DURING CANNES FILM FESTIVAL**



■ BUILT AREA   ■ UNBUILT AREA   ■

**PIE CHART SHOWING THE BUILT TO UNBUILT RELATIONSHIP**



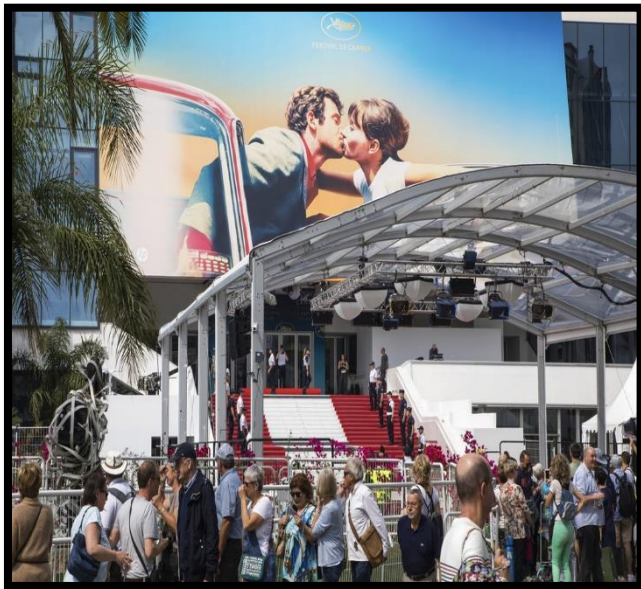
## ➤ SELECTION OF CASE STUDY

- CANNES FILM FESTIVAL IS ONE OF THE OLDEST AND ONE OF THE MOST PRESTIGIOUS FILM FESTIVALS IN THE WORLD.
- THE STUDY OF THIS COMPLEX PROVIDES AN INSIGHT INTO THE PROGRAM OF FILM FESTIVAL OF AN INTERNATIONAL STANDARD .
- THE IFFI AIMS TO BE AT PAR WITH THE TOP FILM FESTIVALS IN THE WORLD AND FOLLOWS A FORMAT SIMILAR TO THAT FOLLOWED BY THE CANNES FILM FESTIVAL.
- THE PALAIS DE FESTIVALS IS ONE SOLID BUILDING. THE VARIOUS FUNCTIONS ARE HOUSED IN ONE SOLID MASS ITSELF. THE REST OF THE AREA IS FILLED WITH ROADS, PEDESTRIAN PATHWAYS AND A PARK .THE PARK IS USED FOR SETTING UP TENTS WHEN THE FESTIVALS IS HOSTED. UNLIKE THE NANDAN COMPLEX WHICH WAS SPREAD ALL OVER THE SITE, THE PALAIS DE FESTIVALS IS A CONCENTRATED MASS IN THE MIDDLE OF THE SITE. THE REQUIRED SPACES ARE EFFICIENTLY PACKED INTO THE BUILDING, MAKING THE SITE AS ECONOMICALLY VIABLE AS POSSIBLE.



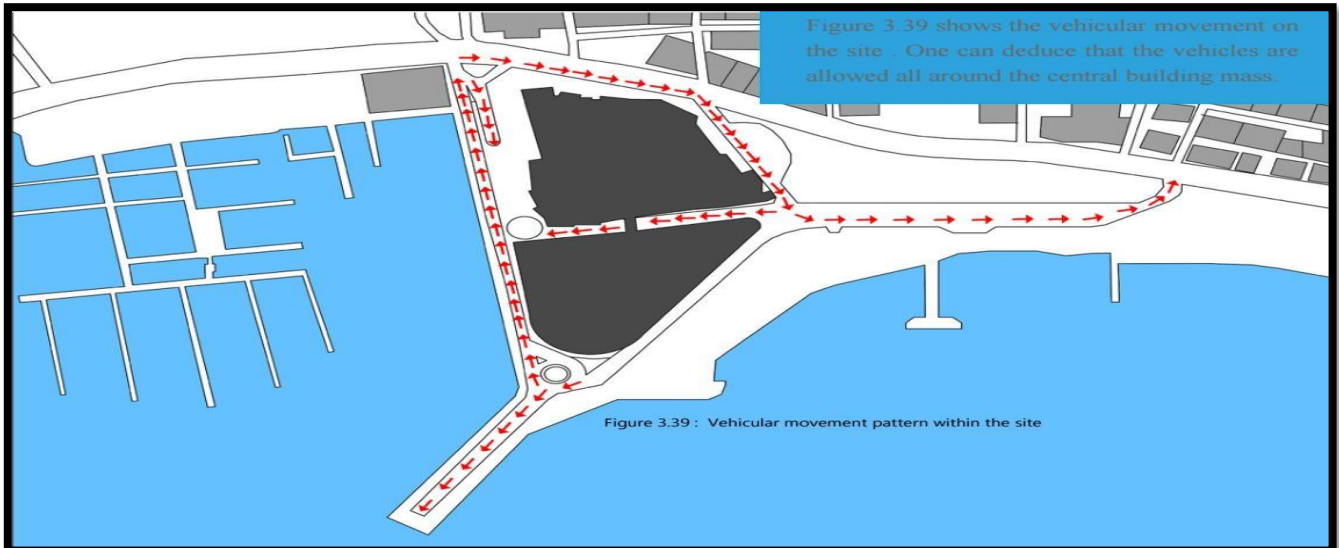
- LOCATION - 1 BOULEVARD DE LA CROISSETTE, 06400 CANNES, FRANCE.
- BUILDING USE - MULTI-FUNCTIONAL (THEATERS, CINEMAS, AUDITORIUMS, GALLERIES, OFFICES, INSTITUTION, FOOD RETAIL, CASINO)
- SITE AREA - 12.07 ACRES
- GROUND COVER - 51.4%

## **CENTRE FOR FILM FESTIVAL**



## RED CARPET GRAND ENTRANCE

### ➤ SELECTION OF CASE STUDY



## VEHICULAR MOVEMENT PATTERN WITHIN THE SITE



## PEDESTRIAN MOVEMENT PATTERN WITHIN THE SITE

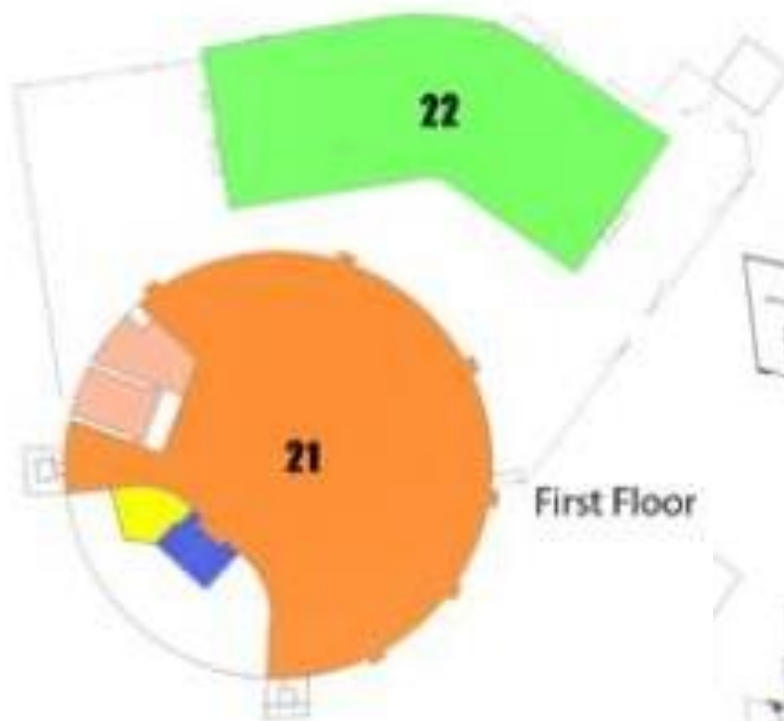
## ➤ ZONING AND FLOOR PLAN

- 1 - Auditorium Louis Lumière (2309)
- 2 - Theater Claude Debussy (1068)
- 3 - Room Estérel (452)
- 4 - Auditorium A (280)
- 5 - Auditorium K (147)
- 6 - Auditorium B (40)
- 7 - Auditorium C (40)
- 8 - Auditorium D (40)
- 9 - Auditorium E (40)
- 10 - Auditorium F (40)
- 11 - Auditorium G (40)
- 12 - Auditorium H (50)
- 13 - Auditorium I (80)
- 14 - Auditorium J (80)
- 15 - Press Room 1
- 16 - Press Room 2
- 17 - Press Room 3
- 18 - Press Room 4
- 19 - Canopy California (100)
- 20 - The Ambassadors

	GREEN AREAS
	PARKING
	RETAIL
	FOOD OUTLETS
	TOILETS
	OFFICE
	WATER
	AUDITORIUMS
	CINEMA THEATRE
	EXHIBITION SPACE
	INSTITUTIONAL SPACE
	PROJECTION AREAS
	PRESS ROOMS
	VERTICAL CIRCULATION



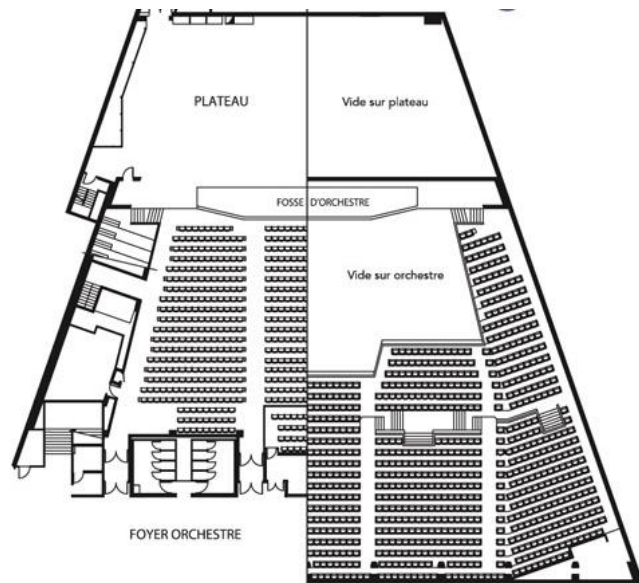




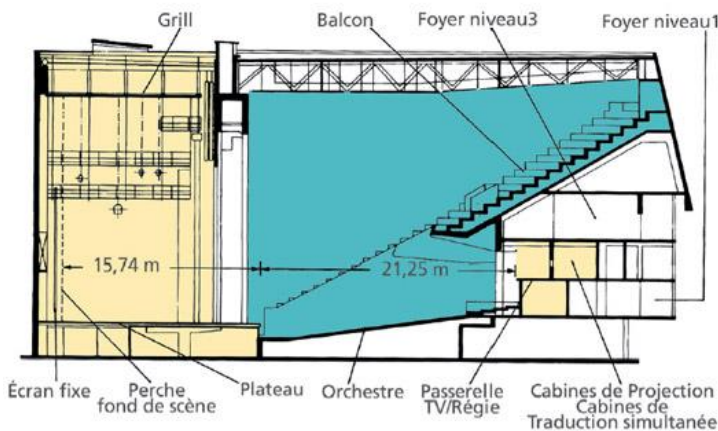
## ➤ VARIOUS AREAS WITHIN THE BUILDING

### • AUDITORIUM LOUIS LUMIERE

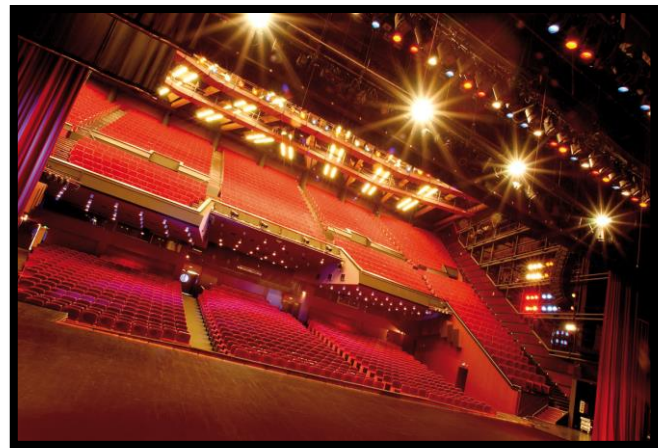
- AUDITORIUM LOUIS LUMIERE IS THE LARGEST AUDITORIUM IN PALAIS DE FESTIVALS.
- SPREAD ON THE SECOND AND THE THIRD FLOOR, THIS AUDITORIUM IS THE ONE WHERE THE MAIN RED CARPET IS LAID.
- 2309 SEATS
- 758 SEATS IN THE ORCHESTRA
- 1428 SEATS ON THE BALCONY
- FIXED CINEMA SCREEN: 19 X 8 M



**PLAN OF AUDITORIUM**  
**LOUIS LUMIERE**



**A SCHEMATIC SECTION**  
**OF AUDITORIUM**



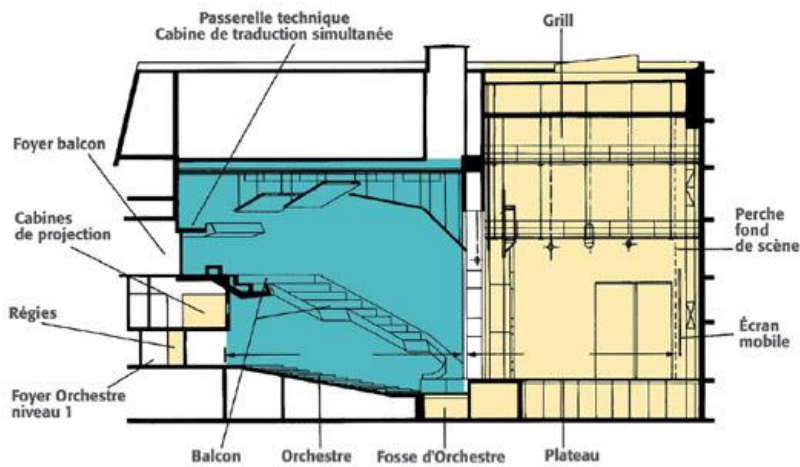
**VIEW OF AUDITORIUM**  
**LOUIS LUMIERE**

### ➤ THEATER CLAUDE DEBUSSY

- THEATER CLAUDE DEBUSSY IS THE SECOND LARGEST THEATER IN THE PALAIS DE FESTIVALS.
- 1068 SEATS
- 612 SEATS IN THE ORCHESTRA
- 383 SEATS ON THE BALCONY
- DEPTH OF STAGE FROM NOSE TO STAGE: 13.70 M
- FIXED CINEMA SCREEN: 15 X 6.55 M

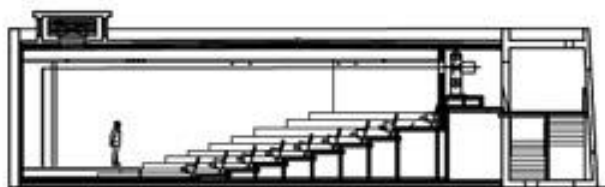
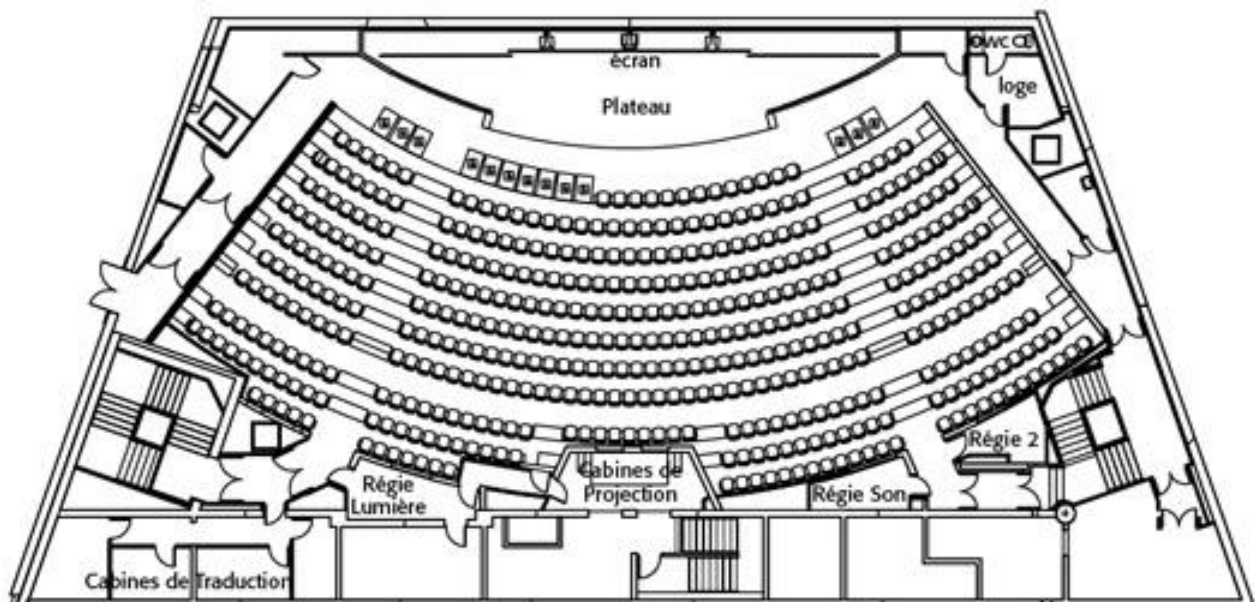






## ROOM ESTÈRE

- ROOM ESTÈRE IS THE AUDITORIUM AT THE ROOF TOP, AND THE THIRD LARGEST CAPACITY IN THE BUILDING, ALMOST HALF LESS THAN THE PREVIOUS
- MAXIMUM CAPACITY (PLENARY): 447 PEOPLE
- 452 IN CONFERENCE
- 291 IN PROJECTION
- DEPTH OF STAGE FROM NOSE TO STAGE: 4M



**PLAN AND SECTION OF ROOM ESTÈRE.**





**SEATING VIEW OF ROOM ESTERE.**

### ➤ **AUDITORIUM A**

- 280 SEATS CAPACITY
- STAGE DEPTH: 3.80 M
- FIXED SCREEN: 9 M X 3.60 M
- THE AUDITORIUM A IS SERVICED BY A HOIST WHOSE DIMENSIONS ARE THE FOLLOWING(CAB):2.38 WIDTH,7.35 DEPTH,3.16 HEIGHT



**SEATING OF AUDITORIUM A**

### ➤ **AUDITORIUM K**

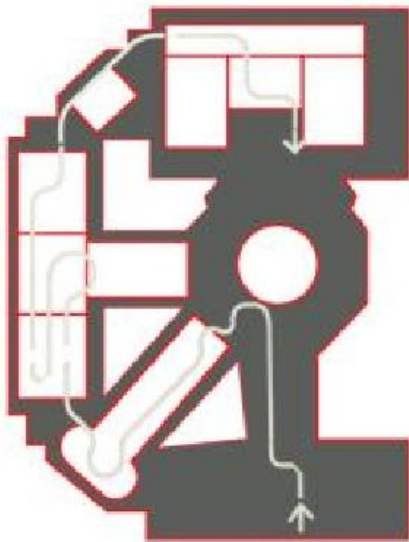
- 147 SEATS CAPACITY
- STAGE DEPTH: 3.86M
- FIXED SCREEN:5.50M X 2.50M



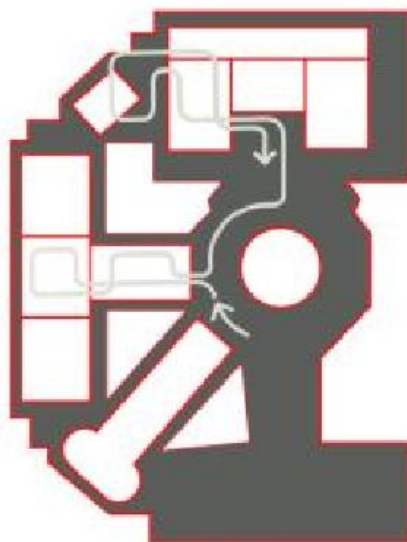
**SEATING OF AUDITORIUM K**

# NATIONAL MUSEUM NEW DELHI

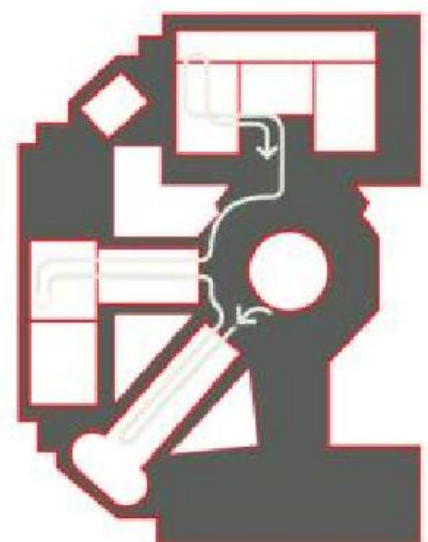
## ➤ CIRCULATION PLAN



GROUND FLOOR PLAN

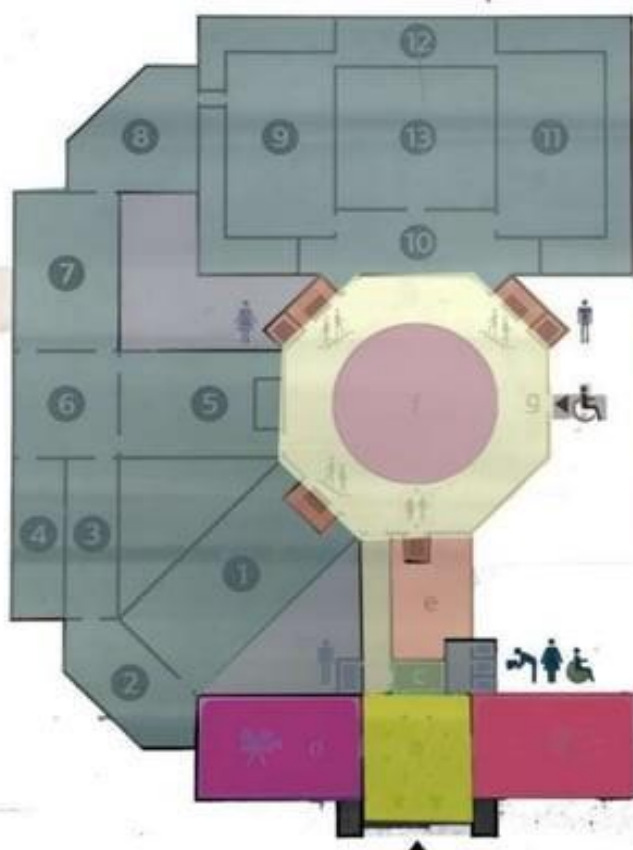


FIRST FLOOR PLAN



SECOND FLOOR PLAN

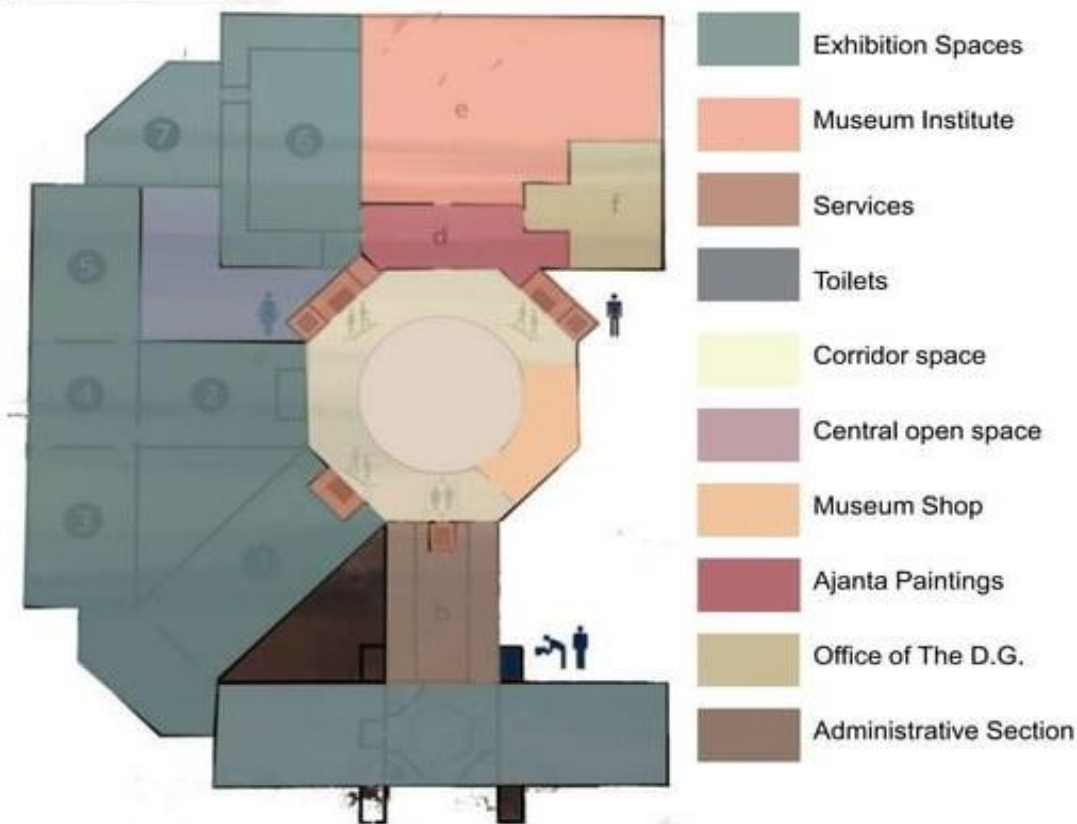
## GROUND FLOOR :-



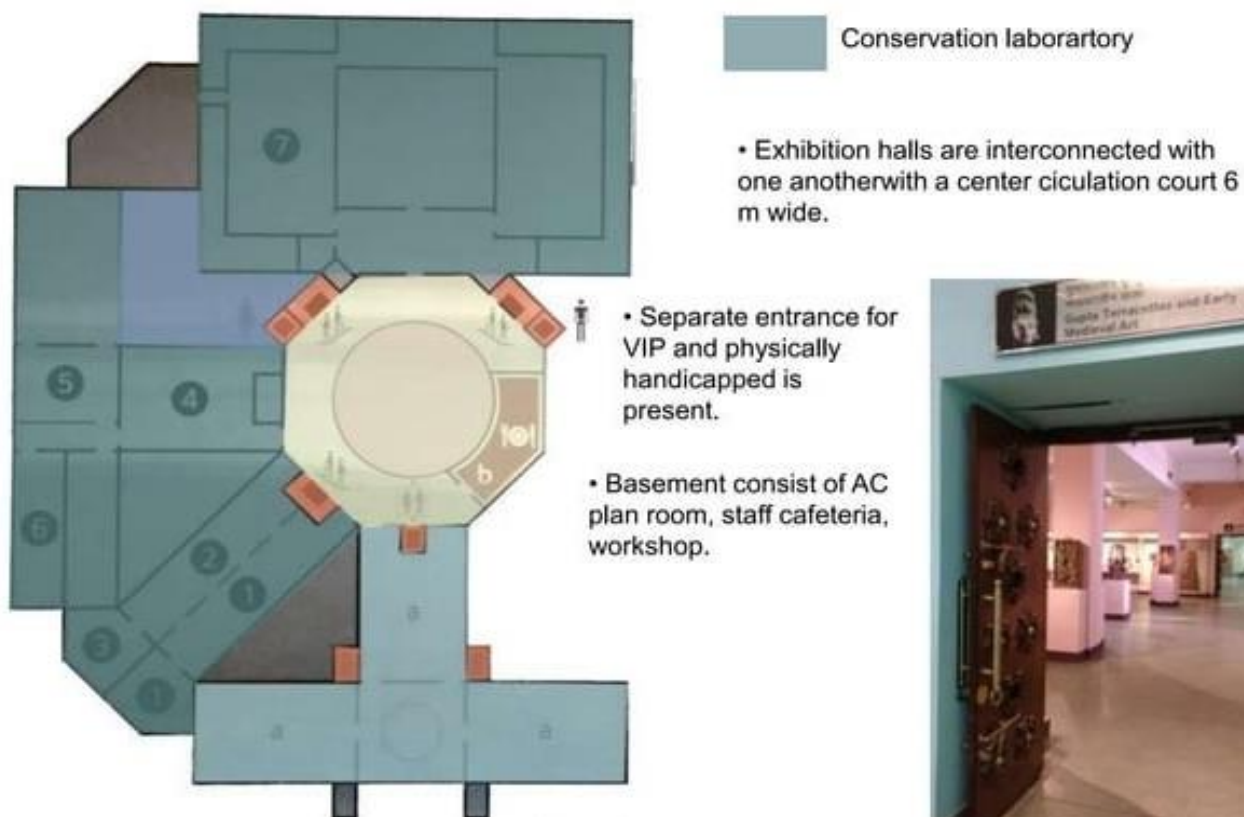
Exhibition Spaces	Services
Entrance Lobby	Ticketing Counter
Auditorium	Toilets
Library	
Office	
Corridor space	
Central open space	



## FIRST FLOOR :-



## SECOND FLOOR :-







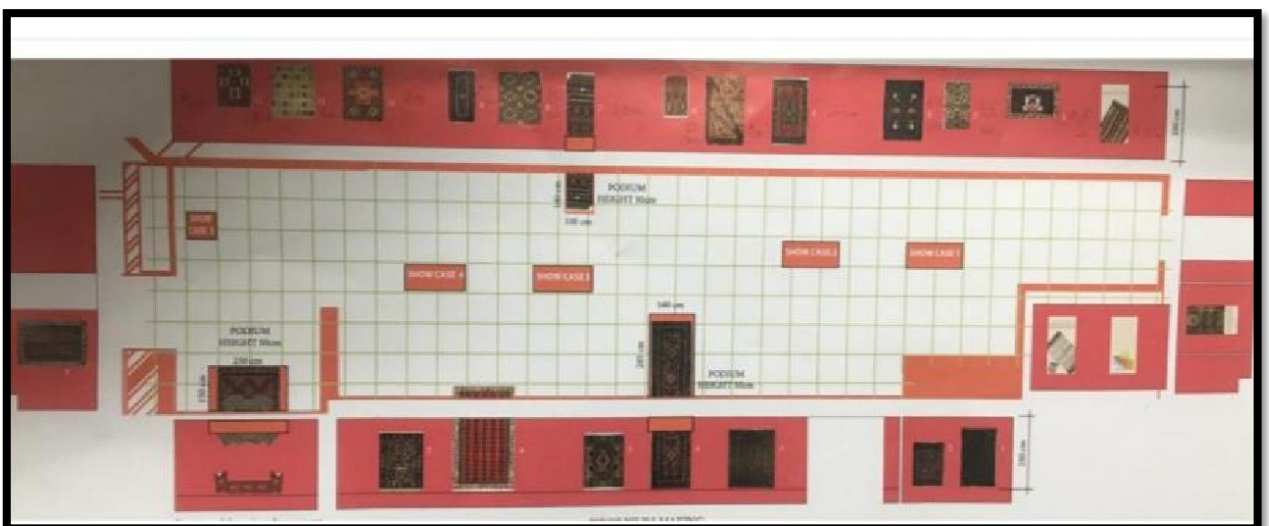
**COURTYARD**



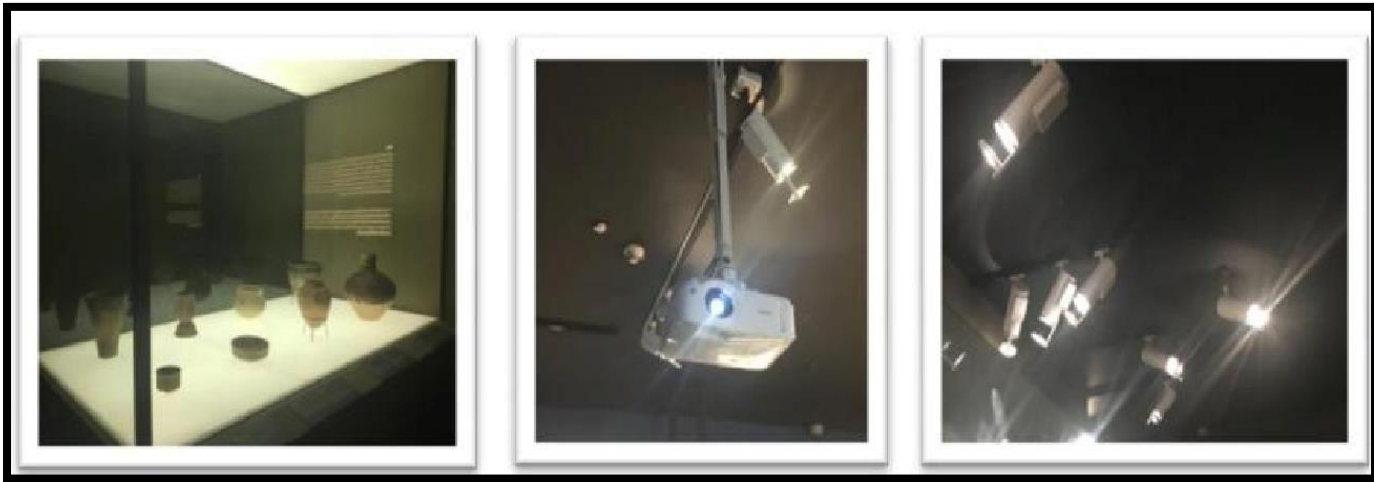
**MODEL OF MUSEUM**



**FRONT VIEW**



**SPECIAL EXHIBITION PLAN**



### EFFECTIVE USE OF SPOT LIGHT

- ARTIFICIAL LIGHTING IS DONE WITH DAY LIGHT EXHIBITS KEPT TO MINIMUM.
- NATURAL LIGHTING IS ONLY USED IN CENTER CIRCULATION COURT.
- WELL PLAYED WITH FOCUSED LIGHTS WITH THE USE OF CONCAVE AND CONVEX LENSE DIFFERENT PLACES.
- IN JEWELLERY SECTION THE GALLERY WAS DARK AND RECESSED POCKETS WERE MADE WITH MINIMAL LIGHTING.
- THE WHOLE STRUCTURE IS BASED AROUND THE CENTRAL ROTUNDA WHICH LITS UP THE ENTIRE CORRIDOR.



- BRONZE GALLERY WAS ARTICULATED IN A DIFFERENT MANNER EVEN THE PILLARS WERE USED AS DISPLAY OF SCULPTURE.
- SITTING AREA WAS WELL PLAYED WITH SCIO.
- BUILDING IS MADE USING HIGH STRENGTH R.C.C. AND RED SANDSTONE.
- TEMPORARY STRUCTURE ARE PROVIDED AROUND THE BUILDING.
- FLOOR TO FLOOR HEIGHT IS APPROXIMATELY 4M.
- MUSEUM SHOP AND INSTITUTE IS AN ADDITIONAL ADVANTAGE.



## ➤ DEMERITS

- PROPER PARKING FACILITY WAS NOT THEIR FOR VISITOR, ACHAELOGICAL SURVEY OF INDIA BUILDING WAS USED FOR PARKING.
- ONLY FRONT FAÇADE WAS ARTICULATED, REAR FAÇADE WAS ONLY PLASTERED.
- PLACEMENT OF TOILET WAS NOT PROPER, ENTRY WAS FROM THE LANDING OF STAIRCASE.
- FIRE EXITS WERE HIDDEN AND IN CASE OF EMERGENCY IT IS DIFFICULT TO COME OUT OF THE PLACE.



## ➤ AREA CHART

Sr. No.	Space	No. of Units	Area (in sq. m)	Design Capacity
1.	<b>ENTRANCE</b>			<b>100</b>
	Entrance Hall	-	250	
	Reception	1	30	
	Back Office	1	20	
2.	<b>ADMINISTRATION</b>			
	Staff Office	10	120	<b>50</b>
	Director General's Chamber	1	30	
	Curator Office	2	20	
	Meeting Room	2	100	
	Staff Rest Room	1	40	
	Security Monitoring Room	1	20	
	Server Room	1	20	
	Staff Toilet (M/F)	5/5	50	
	Store	5	200	
	Staff Canteen	1	100	
3.	<b>WORKSHOP</b>			<b>200</b>
	Wood Workshop	1	200	
	Metal Workshop	1	200	
	Terracotta Workshop	1	200	
	Store	3	120	
	Store Props	1	80	
4.	<b>EXHIBITION GALLERY</b>			<b>4000</b>
	Harapan Civilisation Gallery	1	300	
	Mauryan Gallery	1	60	
	Gupta Gallery	1	300	
	Terracotta Gallery	1	300	
	Bronze Gallery	1	400	
	Medieval Art Gallery	1	400	
	Buddhist Art Gallery	1	300	
	Jewellery Gallery	1	400	
	Decorative Art Gallery	3	600	
	Miniature Painting Gallery	1	300	
	Textile Gallery	1	200	
	Western Art Gallery	1	200	
	Copper Gallery	1	200	
	Wood Carving Gallery	1	200	
	Tribal Art Gallery	1	400	
	Music Instrument Gallery	1	300	
	Arms & Armour Gallery	1	300	
	Asian Antique Gallery	4	1000	

	Ethnic Art Gallery	1	200	
	Coins	1	400	
	Indian Wall Painting Gallery	1	300	
	Manuscript Gallery	1	60	
	Maritime Heritage Gallery	1	300	
	Ajanta Painting	1	200	
	Thanjavur Painting Gallery	1	300	
	<b>Special Exhibition</b>	1	1000	
5.	<b>LIBRARY</b>	-	200	<b>50</b>
	Librarian's Office	1	20	
	Cyber Room	1	30	
6.	<b>AUDITORIUM</b>	-	500	<b>250</b>
	Projection Room	1	20	
	Green Room	1	30	
7.	<b>AMENITIES</b>			
	Restaurant	1	250	<b>60</b>
	Museum Shop	1	100	<b>25</b>
	Seminar Hall	1	200	<b>50</b>
	Toilet (M/F)	10/10	50	
8.	<b>SERVICES</b>			
	Maintenance	1	50	
	Janitor Room	1	20	
	Store	5	100	
	Housekeeping Centre	1	20	
	High Tension Control Room	1	200	
	HVAC Room	1	200	
9.	<b>LABORATORY</b>	4	200	<b>50</b>
10.	<b>LOADING AREA</b>	-	400	
11.	<b>ART &amp; CRAFT CENTRE</b>	-	300	<b>50</b>
12.	<b>OPEN SPACES</b>	-		<b>100</b>
	Courtyard	4	100	
	Central Amphitheatre	-	100	
	Open Air Theatre	-	50	
13.	<b>PARKING</b>	-	500	<b>100</b>
	VIP Parking	-	100	
	Staff Parking	-	100	
14.	<b>TRANSITION AREA (30% of Total Build up Area)</b>		4000	

<b>TOTAL AREA</b>	<b>18,500 Sq. M</b>
-------------------	---------------------

## ➤ USER ACTIVITY

USER	ACTIVITY	SPACE
<b>VISITOR</b>	Visual Experience	Harapan Civilisation Gallery Mauryan Gallery Gupta Gallery Terracotta Gallery Bronze Gallery Medieval Art Gallery Buddhist Art Gallery Jewellery Gallery Decorative Art Gallery Miniature Painting Gallery Textile Gallery Western Art Gallery Copper Gallery Wood Carving Gallery Tribal Art Gallery Music Instrument Gallery Arms & Armour Gallery Asian Antique Gallery Ethnic Art Gallery Coins Indian Wall Painting Gallery Manuscript Gallery Maritime Heritage Gallery Ajanta Painting Thanjavur Painting Gallery Special Exhibition Auditorium
	Shopping	Museum Shop
	Reading	Library Cyber Room
	Parking	Parking Area
	Sanitation	Toilet
	Beverage & Food	Restaurant Staff Canteen
<b>ADMINISTRATION &amp; SERVICE STAFF</b>	Official Work & Monitoring	Office Server Room
	Services	Maintenance Janitor Room Store Housekeeping Centre
	Meeting	High Tension Control Room HVAC Room  Meeting Hall Seminar Hall
	Retiring	Staff Rest Room
	Beverage & Food	Pantry
	Sanitation	Staff Toilet
	Restoration	Restoration Laboratory Store Reserve Collection
<b>WORKER STAFF</b>		



# MAHATMA MANDIR CONVENTION CUM EXHIBITION CENTRE

- MAHATMA MANDIR IS A CONVENTION CUM EXHIBITION CENTRE AND A MEMORIAL LOCATED AT SECTOR 13, GANDHINAGAR, GUJARAT, INDIA.
- IT IS INSPIRED FROM LIFE AND PHILOSOPHY OF MAHATMA GANDHI. IT IS ONE OF THE BIGGEST CONVENTION CENTRE OF INDIA SPREAD OVER 34 ACRES (14 HAC).
- THE CONVENTION CENTER AND EXHIBITION HALLS ARE DESIGNED TO MEET WITH THE REQUIREMENTS FOR ORGANIZING GLOBAL MEETS, CONVENTIONS, SEMINARS, CONFERENCES, EXHIBITIONS OF BOTH NATIONAL AND INTERNATIONAL LEVEL WITH THE STATE OF ART FACILITIES.
- CONVENTION CENTER HAS COLUMN FREE AIR CONDITIONED HALLS, SUITABLE FOR ORGANISING CONFERENCE WITH HUGE SEATING CAPACITIES IN VARIOUS STYLES. IN THE THEATER STYLE SEATING ARRANGEMENTS, THE MAIN HALL HAS SEATING CAPACITY OF 6000 PERSONS.
- THE MAIN HALL CAN ALSO BE PARTICIPATED IN TO 3 SEMINAR HALLS TO SIMULTANEOUSLY HAVE SEPARATE PROGRAMS.

## ➤ LOCATION

- THE LOCATION IS 2 KM AWAY FROM STATE VIDHANSABHA BUILDING IN THE DIRECTION OF GANDHINAGAR RAILWAY STATION.
- THE ROAD CONNECTING STATE SECRETARIAT AND CONVENTION CENTRE IS BEING REDEVELOPED.

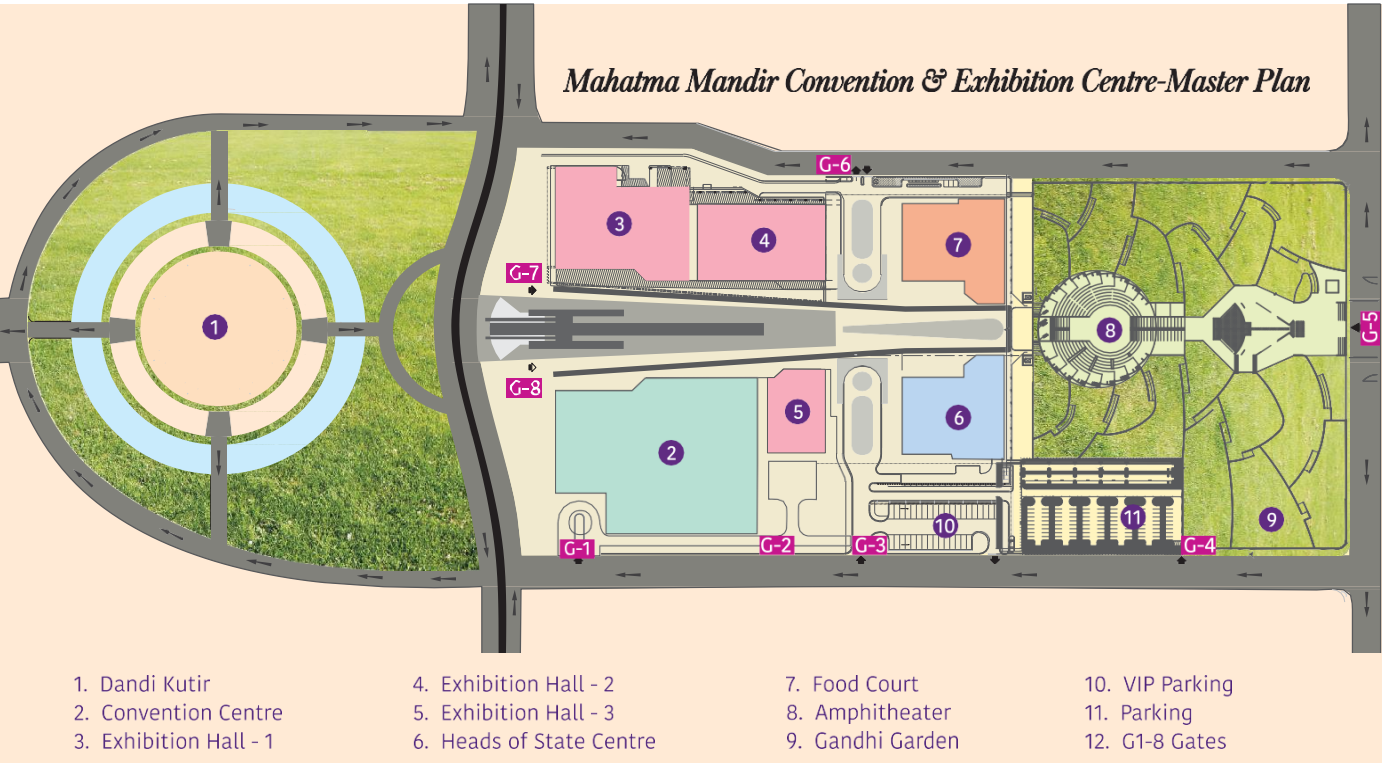


## ➤ CONSTRUCTION PHASES

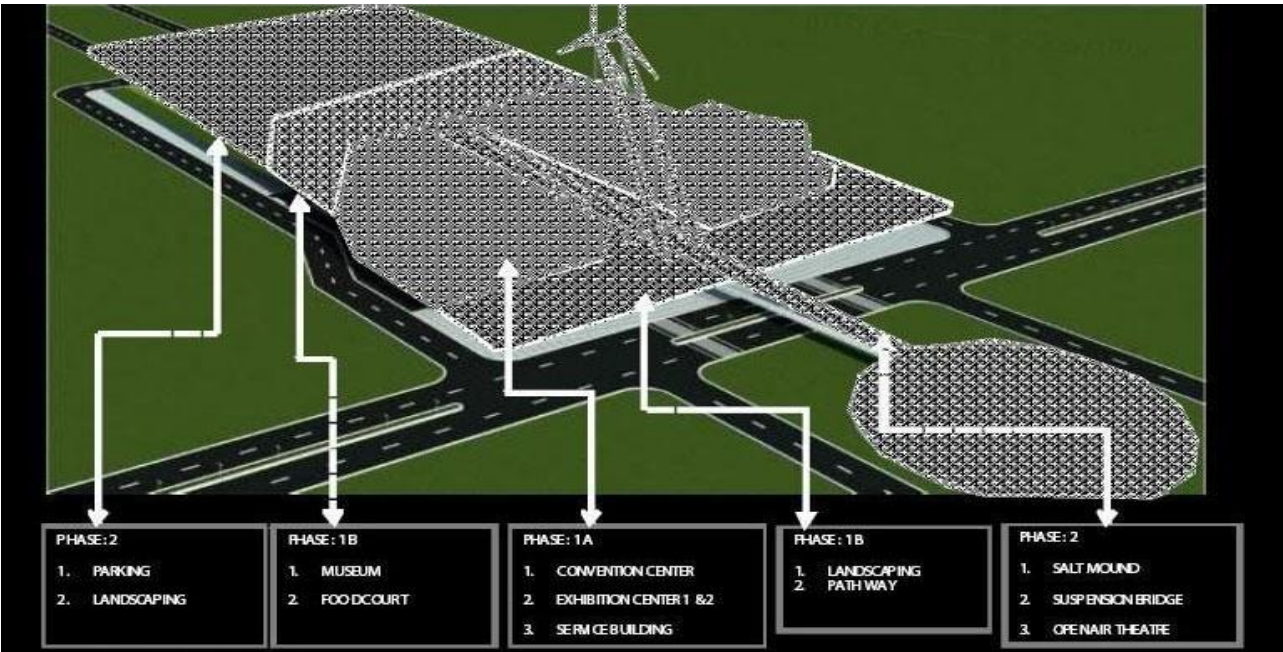
- PHASE 1A INCLUDES 20,784 SQ. M OF BUSINESS CENTER AND 10,233 SQ. M OF EXHIBITION HALLS, 2,347 SQ.MT OF SERVICE AREA.
- PHASE 1B WILL INCLUDE PHOTO GALLERY, FOOD COURT, DEVELOPMENT OF EXTERNAL LANDSCAPE AND PATHWAYS AROUND THE BUSINESS AND EXHIBITION CENTER. (IN PROGRESS)

**CENTRE FOR FILM FESTIVAL**

- PHASE 1B WILL INCLUDE PHOTO GALLERY, FOOD COURT, DEVELOPMENT OF EXTERNAL LANDSCAPE AND PATHWAYS AROUND THE BUSINESS AND EXHIBITION CENTER. (IN PROGRESS)
- PHASE 2 WILL INCLUDE THE DEVELOPMENT OF GANDHI GARDEN, SALT MOUND (MUSEUM), WINDMILL, THE CHARKA, AND CABLE STAYED BRIDGE (DANDI MARCH BRIDGE). (IN PROGRESS)

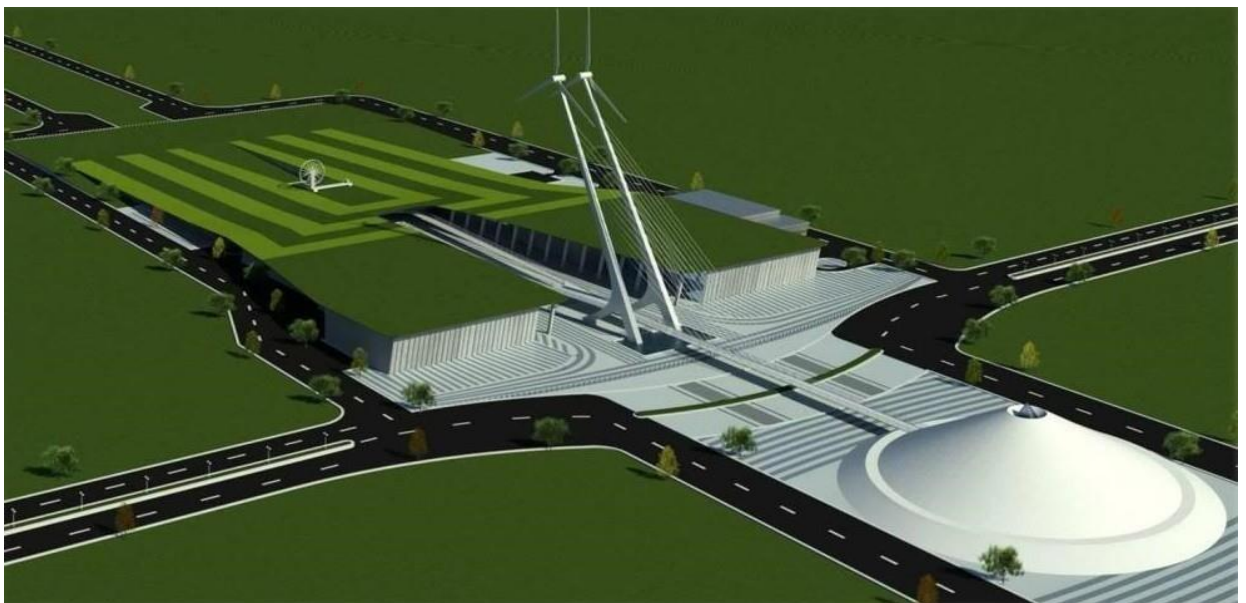
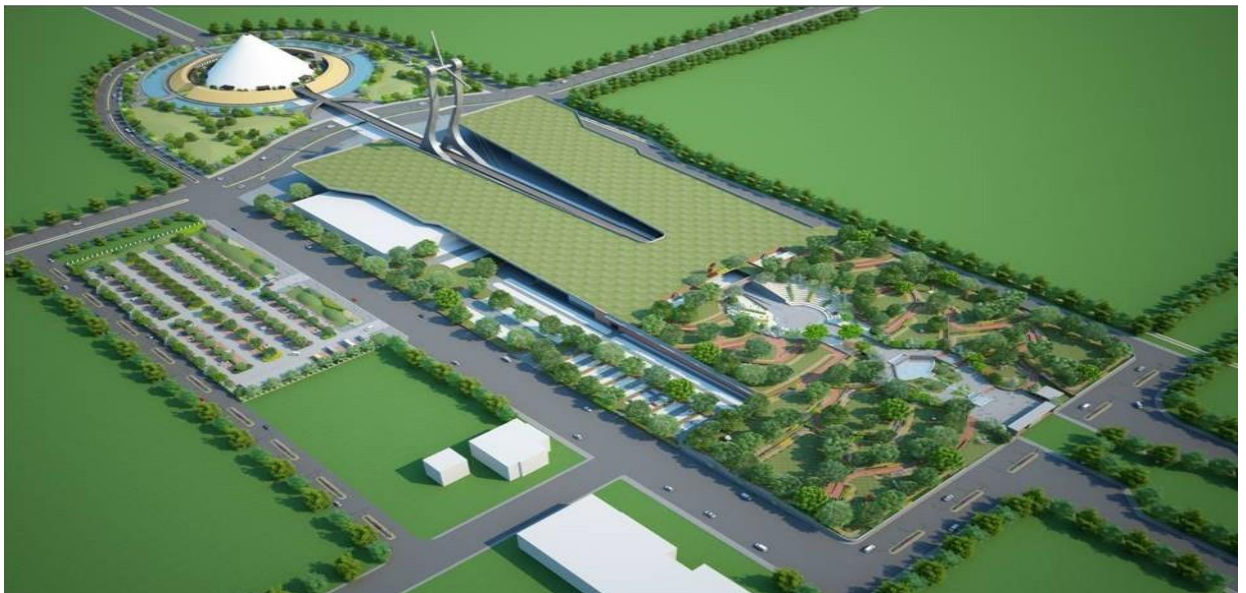


**SITE PLAN**



**SITE PLAN WITH DIIFERENT PHASES**





## VIEWS



## ➤ **THE CONVENTION CENTER**

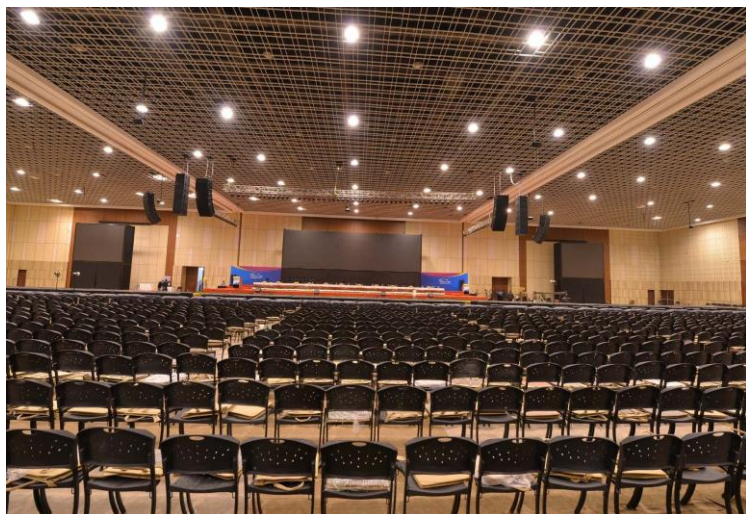
- CAPACITY – 6000 SEATS (UNDIVIDED) WITH VIP VIEWING GALLERIES.
- CEILING HEIGHT OF 11M, MULTI-PURPOSE COLUMN FREE AIR-CONDITIONED SPACE OF SIZE 60M X 90M.
- MOVABLE PARTITION WALLS FACILITATE THE DIVISION OF HALL INTO 3 SEPARATE HALLS. CONCEALED SERVICE TRENCHES FOR ELECTRICAL & WATER SUPPLY.
- 8 LANGUAGE INTERPRETATION BOOTHS.
- MOVABLE MODULAR STAGES, LIGHTING TRUSSES, HANGING HOOKS CAPACITY UP-TO 2 TONES AND OTHER MECHANICAL AND ELECTRICAL FACILITIES.
- PLUG & PLAY SOUND REINFORCE SYSTEM (SRS) FACILITIES.
- CONTROLLED TEMPERATURE AND LIGHTING FOR THERMAL AND VISUAL COMFORT.
- ADEQUATE PANTRY AREA.

## ➤ **THE EXHIBITION HALL**

- 02 NO'S OF LARGE SIZED AND 1 NO. OF MEDIUM SIZED STRUCTURE. ALL THREE ARE COLUMN FREE CENTRALLY AIR CONDITIONED STRUCTURES.
- FLEXIBLE, HEAVY DUTY FLOOR FOR SHOWCASING HEAVY MACHINERY EXHIBITIONS AND OTHER USAGE.
- SERVICE TRENCHES WITH ELECTRICAL & WATER SUPPLY, WATER BASED EXHIBITIONS. EASY PLUG & PLAY SRS FACILITIES AND TELECOMMUNICATION SYSTEMS.
- REST ROOMS WITH PROVISION FOR DIFFERENTLY- ABLED PERSONS.
- WIDE SERVICE AREAS AND LOADING / UNLOADING BAYS AID QUICK AND EASY MOVEMENT OF EXHIBITS AND EQUIPMENT'S.
- ADEQUATE STORAGE FACILITIES WITHIN THE EXHIBITION HALLS.

## ➤ **SEMINAR HALL, MEETING AND CONFERENCE ROOMS**

- SEMINAR, CONFERENCE ROOMS AND BUSINESS MEETING ROOMS HAVING FACILITIES OF ATTACHED PANTRY AND EQUIPPED WITH AUDIT-VIDEO FACILITY.
- SIMULTANEOUS INTERPRETATION FACILITY WITH VIDEO CONFERENCING HIGH TECH WATCH LED, WI-FI ETC. IS AVAILABLE.



**THE CONVENTION CENTER**



**THE EXHIBITION HALL**



**SEMINAR HALL, MEETING AND CONFERENCE ROOMS**





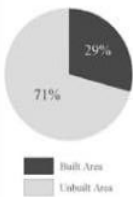
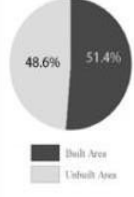


## Dimensions and Seating Capacities of Mahatma Mandir Convention and Exhibition Centre

VENUE	LEVEL	AREA SQ. FT.	**DIMENSIONS **L x W x H	AREA SQ. MT.	**DIMENSIONS **L x W x H	THEATRE STYLE	CLASS ROOM	U SHAPE	BOARD ROOM	CLUSTER STYLE	RECEPTION
<b>CONVENTION CENTRE</b>											
Main Convention Hall with VIP Viewing Gallery & SI Booths	Ground	68595	190 x 310 x 36	6375	58 x 94 x 11	5500	2772	264	408	2800	10000
Convention Hall 1	Ground	22865	190 x 103 x 36	2125	58 x 31 x 11	1500	924	162	204	950	2500
Convention Hall 2	Ground	22865	190 x 103 x 36	2125	58 x 31 x 11	1500	924	162	204	950	2500
Convention Hall 3	Ground	22865	190 x 103 x 36	2125	58 x 31 x 11	1500	924	162	204	950	2500
Seminar Hall 1	Ground	6456	78 x 75 x 10	600	24 x 23 x 3	500	220	60	72	220	800
Seminar Hall 2	Ground	6187	78 x 75 x 10	575	24 x 23 x 3	500	220	60	72	220	800
Seminar Hall 3	First	5219	82 x 60 x 10	485	25 x 18 x 3	450	200	60	66	200	800
Seminar Hall 4 (Fixed Auditorium Seating)	First	12912	128 x 82 x 26	1200	39 x 25 x 8	1000					
Board Room 1	First	667	36 x 16 x 10	62	11 x 5 x 3				21		
Board Room 2	First	667	36 x 16 x 10	62	11 x 5 x 3				21		
Board Room 3	First	1076	47 x 25 x 10	100	14 x 8 x 3				26		
Meeting Room 1	Ground	183	13 x 14 x 9	17	4 x 5 x 3				6		
Meeting Room 2	Ground	183	13 x 14 x 9	17	4 x 5 x 3				6		
Meeting Room 3	Ground	183	13 x 14 x 9	17	4 x 5 x 3				6		
Meeting Room 4	Ground	183	13 x 14 x 9	17	4 x 5 x 3				6		
Meeting Room 5	Ground	183	13 x 14 x 9	17	4 x 5 x 3				6		
Meeting Room 6	First	215	13 x 14 x 9	20	4 x 5 x 3				8		
Meeting Room 7	First	215	13 x 14 x 9	20	4 x 5 x 3				8		
Meeting Room 8	First	215	13 x 14 x 9	20	4 x 5 x 3				8		
Meeting Room 9	First	215	13 x 14 x 9	20	4 x 5 x 3				8		
Meeting Room 10	First	215	13 x 14 x 9	20	4 x 5 x 3				8		
VIP Lounge	Ground	1184		110							
<b>HEADS OF STATE CENTRE</b>											
VIP Lounge 1	First	6187		575							
VIP Lounge 2	Ground	4734		440							
Reception Gallery	Ground	14903		1385							
Reception Gallery	First	14956		1390							
The Board Room	First	2959		275					55		
<b>EXHIBITION CENTRE</b>											
Exhibition Hall 1	Ground	43686	248 x 160 x 36	4060	75 x 48 x 11						
Exhibition Hall 2	Ground	42502	225 x 158 x 36	3950	68 x 48 x 11						
Exhibition Hall 3	Ground	17915	105 x 157 x 36	1665	32 x 48 x 11						
<b>OTHER SPACES</b>											
Open Air Amphitheatre	Ground	7532		700							
Food Court	Ground	15172		1410							
VIP Dining	First	16786		1560							
Multi Purpose Area	Ground	11836		1100							
Control Room 1 (Fixed Cubical)	Ground	1076		100							
Control Room 2 (Fixed Cubical)	Ground	968		90							
Control Room 3 (Fixed Cubical)	First	430		40							
Retail Mart (15 no's Shops)	Ground	5380		500							

\*\* The measurements are only for Floor setup area

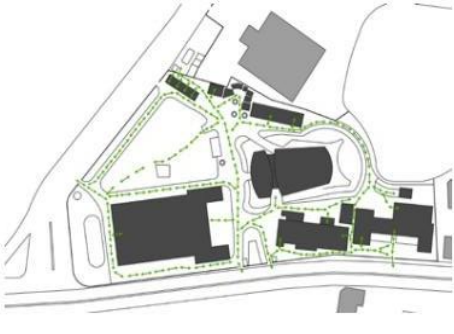
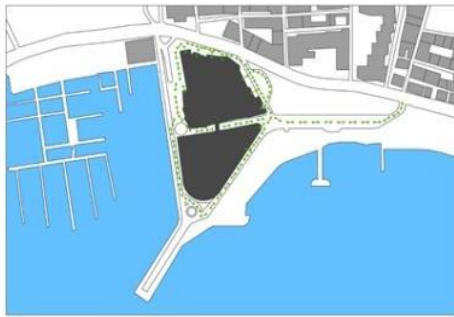
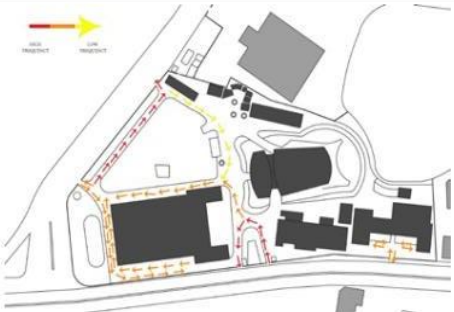



Parameters	Nandan Complex	Palais de Festivals	Inferences
<b>Festival</b>	Kolkata Film Festival	Cannes Film Festival	
<b>Location : Site &amp; Surroundings</b>			
<b>Area</b>	5.2 Acres	12.07 Acres	
<b>Ground Cover</b>			Nandan is more horizontally spread than Palais de festivals. Even though Palace de festivals has all the spaces necessary to hold the event, it does not invite and attract users like the Nandan.
<b>Functions</b>	<ul style="list-style-type: none"> <li>• Multiplex (27.6%)</li> <li>• Auditoriums (34.1%)</li> <li>• Exhibition Gallery (8.2%)</li> <li>• Government offices (11.6%)</li> <li>• Food outlets (1.6%)</li> <li>• Institution (15.6%)</li> <li>• Book Store (1.3%)</li> </ul>	<ul style="list-style-type: none"> <li>• Cinema (7%)</li> <li>• Auditoriums (16%)</li> <li>• Exhibition Gallery (61%)</li> <li>• Government Offices (1%)</li> <li>• Food Outlets (3%)</li> <li>• Press rooms (7%)</li> <li>• Casino (2%)</li> <li>• Toilets (3%)</li> </ul>	The basic functions that are to taken into consideration for a festival are clear from studying the projects, but the auxiliary functions differ at every site

## COMPARATIVE ANALYSIS AND INFERENCES TABLE 1

Parameters	Nandan Complex	Palais de Festivals
<b>Entrance</b>	The Nandan complex is surrounded by a wall that has multiple entry and exit points for both pedestrian and vehicular access.	The Palais de Festival does not have a boundary wall, and the building is accessible from various points. There is no complex formed, there is just one building and the space around the building is open for vehicles and pedestrians alike.
<b>Form of the building</b>	There is no one building for the Nandan complex, it is rather a group of buildings that all have different functions and are spread around the site within one boundary complex. The spaces formed on the site because of these movements invite a lot of movement on site.	There is no complex for the Palais de Festivals, it is one solid built mass. The built mass has multiple functions within it and has multiple entry and exit points.
<b>Functions</b>	<ul style="list-style-type: none"> <li>• Multiplex (27.6%)</li> <li>• Auditoriums (34.1%)</li> <li>• Exhibition Gallery (8.2%)</li> <li>• Government offices (11.6%)</li> <li>• Food outlets (1.6%)</li> <li>• Institution (15.6%)</li> <li>• Book Store (1.3%)</li> </ul>	<ul style="list-style-type: none"> <li>• Cinema (7%)</li> <li>• Auditoriums (16%)</li> <li>• Exhibition Gallery (61%)</li> <li>• Government Offices (1%)</li> <li>• Food Outlets (3%)</li> <li>• Press rooms (7%)</li> <li>• Casino (2%)</li> <li>• Toilets (3%)</li> </ul>
	The basic functions that are to taken into consideration for a festival are clear from studying the projects, but the auxiliary functions differ at every site. Further studying the varying proportions of each function on the site, a basic conclusion can be drawn about the zoning proportions required. These proportions will be further analyzed in the formulation of the proposed area statements.	

## COMPARATIVE ANALYSIS AND INFERENCES TABLE 2

Parameters	Nandan Complex	Palais de Festivals
Pedestrian movement pattern		
	The Palais de festivals is near a port with a beach. The site is filled with built mass and the pedestrian movement is spread around it. Even though the architecture does not really invite people in through the movement of users, the site does the work for the building. On a contrasting note, the Nandan complex invites a lot of users to its doors because of the pedestrian patterns and informal spaces created inside the complex.	
Vehicular movement pattern		
	The vehicular pattern of Nandan complex is defined and restricted. A whole stretch is of are is only for the pedestrians. The vehicular movement of the Palais de Festivals is defined as well, but the pedestrian movement pattern and the vehicular movement pattern almost completely overlap.	

Program	Auxiliary Spaces	Capacity				m2/ Person				Area			
		1	2	3	4	1	2	3	4	1	2	3	4
Cinema Hall 1		1101	2281	1500	1100 (Kala Academy)	2.62	0.59	0.67	1.12	2885	1336	1000	1223
	Entrance Foyer with eating area							0.2	0.22				239
	Toilets (M)						0.03	0.04	0.11		56	60	116
	Toilets (F)											75	
	Back Stage										34	225	420
	Green Room										12	18.2	80
	Projection Room											75	
	Scenery Store											500	
	Workshop											350	
	Practice Room												
Total						2.62	0.62	0.91	1.45	2885	1438	2303	2078
Cinema Hall 2		940	1086	800	517 (Screen I, Inox)	1.48	0.58	0.66		1909	850	528	568
	Entrance Foyer with eating area							0.2				160	
	Toilets (M)						0.07	0.04			77	33.6	
	Toilets (F)											75	
	Backstage										64	180	
	Green Room										70	18.2	
	Projection Room											10	
	Ticket Counter											180	
	Practice Room												
Total										1909	1061	1184	1353

Table 3.4 : Area analysis and Inferences Table 1

1 - Nandan Complex

2 - Palais de Festivals

3 - Neuferts

4 - IFFI Venues

## AREA ANALYSIS AND INFERENCES TABLE 1

Program	Auxiliary Spaces	Capacity				m2/ Person				Area					
		1	2	3	4	1	2	3	4	1	2	3	4		
Cinema Hall 3		412	430	500	315 ( Screen II, Inox Screens)	1.38	0.68	0.66	0.88	567	291	330	276		
	Entrance Foyer with eating area				Included in Cinema Hall 2		0.22	0.2			85	100	Included in Cinema Hall 2		
	Toilets Male						0.04					20			
	Toilets Female											75			
	Back Stage						18.2	135							
	Green Room with toilets						14	18.2							
	Projection Room							10							
	Ticket Conter							120							
	Practice Room														
Total									567	408	808				
Cinema Hall 4		250	280	250	230 ( Screen III, Inox Screens)	Add- ed in Cin- ema Hall 2	1.02	0.5	1.17	Add- ed in Cin- ema Hall 2	285	125	270		
	Entrance Foyer with eating area				Included in Cinema Hall 2			0.2				50	Included in Cinema Hall 2		
	Toilets Male							0.04							10
	Toilets Female														5
	Ticket Counter							52.5				-			
	Green Room with toilets							25				18.2			
	Projection Room														
Total															

Table 3.5 : Area analysis and Inferences Table 1

- 1 - Nandan Complex
2 - Palais de Festivals
- 3 - Neuferts
4 - IFFI Venues

AREA ANALYSIS AND INFERENCES TABLE 2

Program	Auxiliary Spaces	Capacity				m2/ Person				Area							
		1	2	3	4	1	2	3	4	1	2	3	4				
Cinema Hall 5		100	147	250	210 (Screen IV, Inox Screens)	Added in Cinema Hall 2	0.09	0.5	0.98	Added in Cinema Hall 2	137	125	205				
	Entrance Foyer with eating area			Included in Cinema Hall 2				0.2	0.04				50	Included in Cinema Hall 2			
	Toilets Male												10				
	Toilets Female												5				
	Ticket Counter												11.3		-		
	Green Room with toilets												26		18.2		
	Projection Room												30				
	Translation room																
Total																	
Cinema Hall 6		-	100	100	170	-	1	0.5	1.09	-	100	50	184.8				
	Entrance Foyer with eating area		391					0.22	0.2				85	20			
	Toilets Male		100										0.04	3.75	4	Included with cinema hall 1	
	Toilets Female		100											3.75			
	Ticket Counter													5			
	Green Room with toilets													-			45
	Projection Room													18.2	15.5		
	Translation room																
Total										192.5	97.2	245.3					

Table 3.6 : Area analysis and Inferences Table 3

- 1 - Nandan Complex
2 - Palais de Festivals
- 3 - Neuferts
4 - IFFI Venues

AREA ANALYSIS AND INFERENCES TABLE 3



Program	Auxiliary Spaces	Capacity				m2/ Person				Area				
		1	2	3	4	1	2	3	4	1	2	3	4	
Cinema Hall 7		-	80	80	80	-	1.14	0.5	2.28		91	40	182	
	Entrance Foyer with eating area							0.2						16
	Toilets Male		160				0.1	0.04				16.4		3.2
	Toilets Female		160				0.1					16.4		
	Ticket Counter											5		
	Green Room with toilets											-		
	Projection Room											18.2		
	Translation room													
Total										123	82.4	182		
Exhibition Ares		300	2500			2.77	0.45			831	1127			
	Toilets						0.02				60			
	Foyer						0.11				280			
Total										831	1467	0	0	
Office			160				5.07			788	811			
	Toilets						0.66				105			

Table 3.7 : Area analysis and Inferences Table 4

- 1 - Nandan Complex  
2 - Palais de Festivals
- 3 - Neuferts  
4 - IFFI Venues

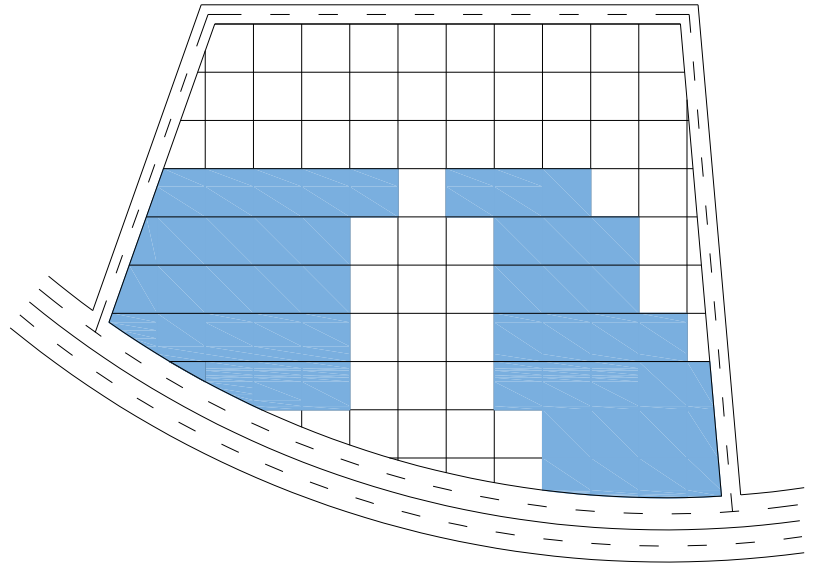
AREA ANALYSIS AND INFERENCES TABLE 4

# **ZONING** **CONCEPT AND DESIGN EVOLUTION**

## ZONING

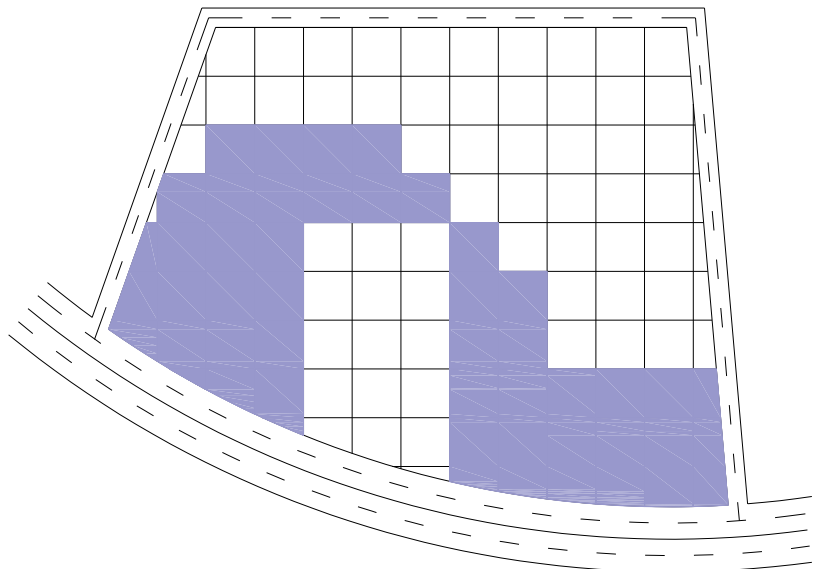
### 1-SCHEMATIC PLAN SHOWING THE ZONING FOR CONVENTION HALL

- LARGE CONVENTION HALL (4000 CAPACITY).
- THE LARGE CONVENTION HALL NEEDS TO BE AWAY FROM THE POLICE STATION AND SECONDARY SCHOOL AS IN ITS FULL CAPACITY ,IT WILL MAKE A LOT OF NOISE .AT THE SAME TIME ,IT NEED TO BE ACCESSIBLE .HENCE THE CONVENTION HALL NEEDS TO BE TOWARDS THE 45 MT WIDE ROAD.



### 2-SCHEMATIC PLAN SHOWING THE ZONING FOR AUDITORIUMS

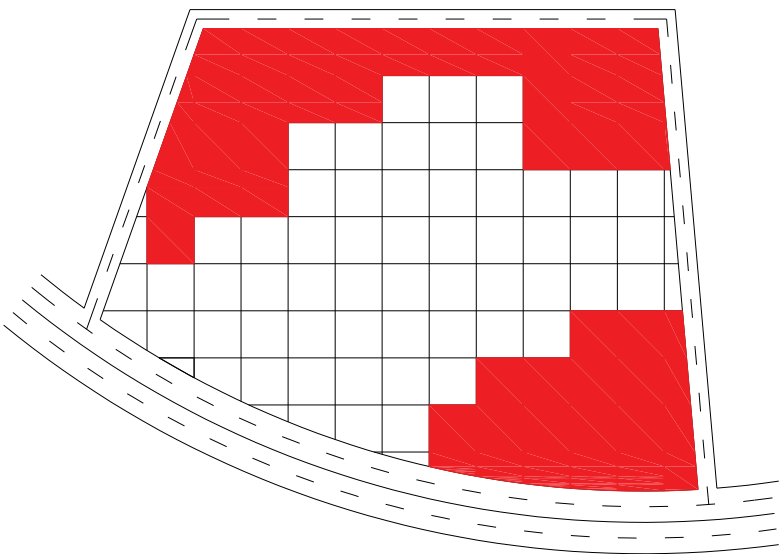
- THE AUDITORIUMS NEEDS TO BE AWAY FROM THE POLICE STATION AND SECONDARY SCHOOL. DUE TO THE NOISE THEY MAKE, KEEPING THEM TOWARDS THE EAST PORTION OF THE SITE COULD HELP IN SMOOTHER FUNCTIONING OF THE AUDITORIUMS AND THE WHOLE URBAN FIELD IN GENERAL.





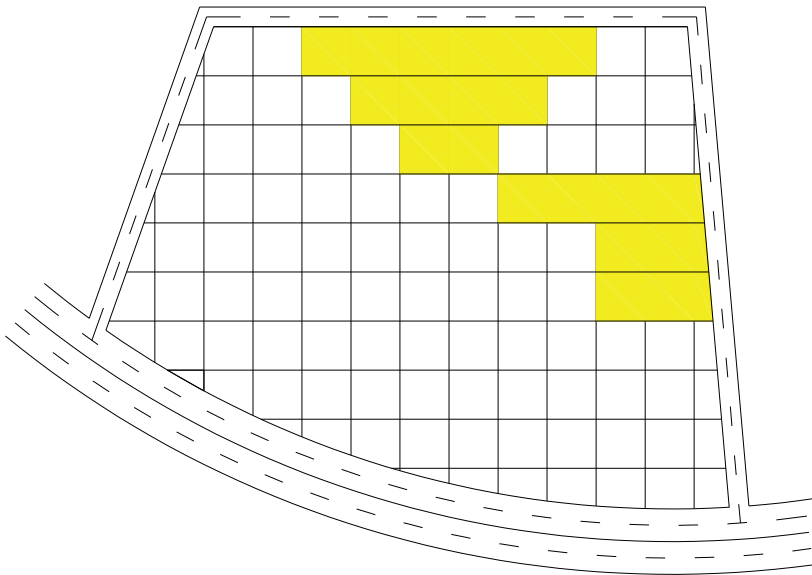
### 3-SCHEMATIC PLAN SHOWING THE ZONING FOR MULTIPLEX

- THE MULTIPLEX NEEDS TO BE NEAR THE ROADS AND SIDE ROAD FOR EASY ACCESS AND VISIBILITY. A MULTIPLEX IS USUALLY WELL INSULATED AND HENCE DOES NOT POSE MUCH DISCOMFORT TO THE HOSPITAL.
- MULTIPLEXES NEED TO FUNCTION REGARDLESS OF THE FESTIVAL AND HENCE NEED TO MAINTAIN EASILY VISIBILITY AND ACCESS ALL YEAR ROUND.



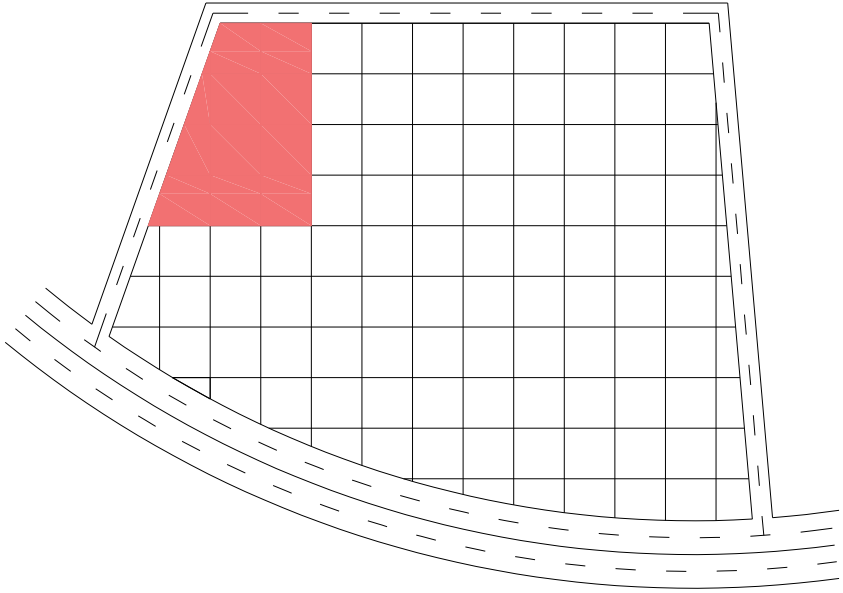
### 4-SCHEMATIC PLAN SHOWING THE ZONING FOR OFFICES

- THE OFFICES NEEDS TO BE NEAR ROADS FOR THEY DEMAND EASY ACCESSIBILITY, BUT AT THE SAME TIME, THE OFFICES DO NOT NEED TO BE NEAR THE MAIN ROADS, AS THEY WILL JUST WASTE A SPACE THAT MIGHT BE NEEDED BY A BUILDING THAT DEMANDS VISIBILITY.



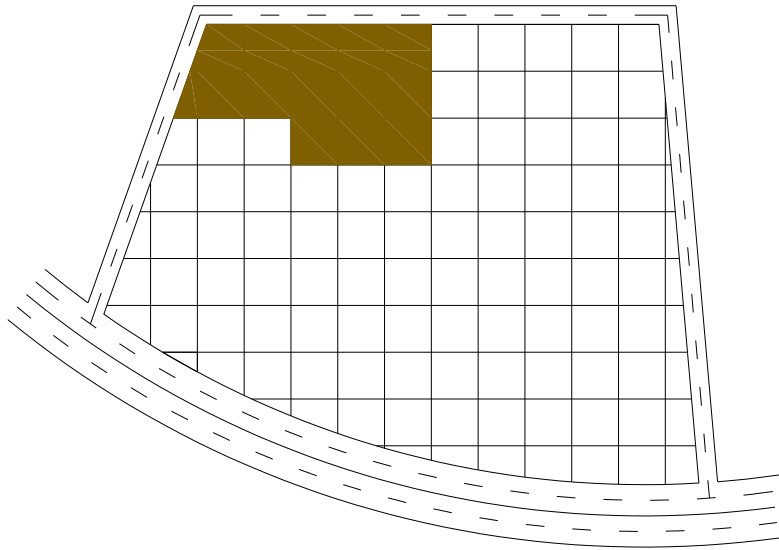
## 5-SCHEMATIC PLAN SHOWING THE ZONING FOR DRIVE IN THEATRE

- THE DRIVE IN THEATRE NEEDS TO BE AWAY FROM THE POLICE STATION AND NEAR THE MAIN ROAD. THE DRIVE IN THEATER HAS NO INSULATION AS IT IS IN THE OPEN, HENCE IT NEEDS TO BE AS AWAY FROM THE STATION AS POSSIBLE. FURTHER MORE, IT NEEDS TO BE EASILY ACCESSIBLE, SPECIALLY FROM THE MAIN ROAD.



## 6-SCHEMATIC PLAN SHOWING THE ZONING FOR DRIVE MUSEUM

- THE MUSEUM NEEDS TO BE AWAY FROM THE MAIN ROAD AND NEAR THE REAR RODE . MUSEUM SHOULD BE PLACE NEAR REAR ROAD AS IT PRODUCES LESS NOISE AS COMPARED TO CONVENTION HALL AND AUDITORIUM



DIFFERENT FUNCTIONS ARE CLUBBED TOGETHER ,SO THAT WE CAN HAVE A TRUELY MIXED USED DEVELOPMENT IN THE PROPOSED PROJECT .FOR EACH CELL WHEN TWO OR MORE COLORS ARE PLACEDONE AFTER ANOTHER , IT MEANS THAT THOSE FUNCTIONS CAN BE CLUBBED TOGETHER.



DRIVE IN THEATRE



OFFICES



MULTIPLEX



AUDITORIUM



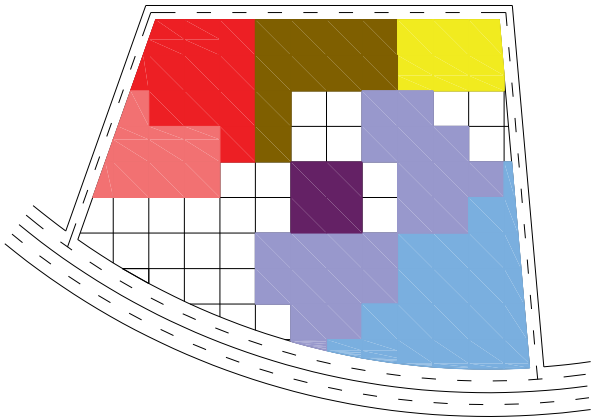
MUSEUM



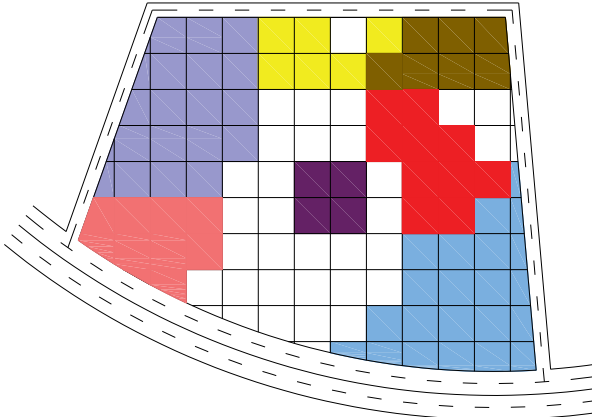
CAFETERIA



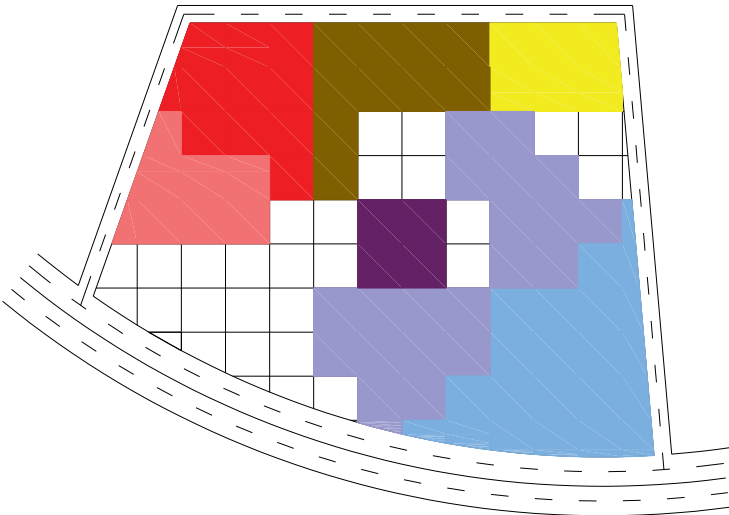
CONVENTION HALL



ZONING: OPTION 1



ZONING: OPTION 2



FINAL ZONING



THE DIAGRAM IN PREVIOUS PAGE SHOWS THE FINAL ZONING FOR THE PROPOSED PROJECT. THE FEATURES OF THIS PROPOSAL ARE AS FOLLOWS:-

- THE MUSEUM GETS ITS PRIVACY.
- THE CAFETERIA GETS ACCESSIBILITY AND IT WORKS TO BIND THE TWO PLOTS TOGETHER
- THE AUDITORIUMS GETS ACCESSIBILITY AND ARE SUFFICIENTLY AWAY FROM THE POLICE STATION
- THE MULTIPLEX IS NEAR THE MAIN ROAD TO MAKE THEM PROMINENT AND EASILY ACCESSIBLE.
- THE OFFICES GET ROAD ACCESS AND ARE PUSHED TO THE BACK.
- THE LARGE AUDITORIUM IS SO PLACED SUCH THAT ITS ARCHITECTURE CAN BE ICONIC, SET AMIDST OPEN GROUNDS AND BUILDINGS THAT WON'T OVERPOWER ITS ARCHITECTURE.
- THE DRIVE IN THEATRE GETS EASY ACCESSIBILITY AND IS AWAY FROM THE POLICE STATION.

### **AXILLARY FUNCTIONS WITHIN THE BUILDING**

- CASINO THERE IS A CASINO WITHIN THE FILM FESTIVAL EVERY SATURDAY, IT TURNS INTO AN ENTERTAINMENT SPACE FOR DANCE AND THEATRE PERFORMANCES.
- TOURISM OFFICE WITHIN THE FILM FESTIVAL, IS THE TOURISM OFFICE. THE OFFICE SERVES VARIOUS FUNCTIONS ON THE SITE, PROMOTING EVENTS FOR LOCALES AND WORKING TO PROMOTE TOURISM IN CFILM FESTIVAL. THE OFFICE IS ALSO AN INFORMATION CENTER FOR BOTH LOCALES AND TOURISTS ALIKE, GIVING BOTH THE GROUPS INFORMATION FOR EVENTS HAPPENING ALL AROUND THE CITY.
- MUSEUM THE MUSEUM WILL EXHIBIT COLLECTION OF VALUABLES AND INTERESTING OBJECTS FROM EXEMPLARY MOVIES AND ALSO THE ONES WHICH DID COMMENDABLY VERY WELL ON THE BOX OFFICE. NARRATIVE ARCHITECTURE WILL BE FOLLOWED SPECIALLY IN THE MUSEUM TO NARRATE THE FILMS AND THEME ALL OVER.

# CONCEPT EVOLUTION

## 1. NARRATIVE ARCHITECTURE

WHILE STORYTELLING IS ABOUT THE CONSTRUCTION ON OF A STORY BY SETTING UP A TIMELINE OF EVENTS.

DESIGN IS BASED ON THE CONSTRUCTION OF A PHYSICAL NARRATION BY ORGANISING SPATIAL RELATIONSHIP AND CELEBRATION CLASSIC FILMS AS WELL AS ACTORS ACHIEVEMENTS.



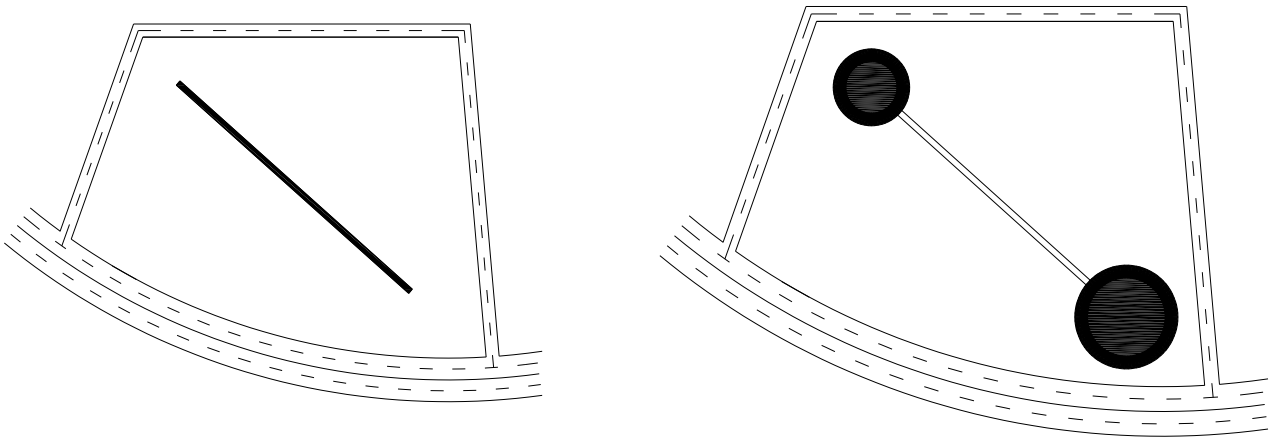
## 2. VANTAGE POINT

VANTAGE POINTS ARE CREATED IN FRONT OF MAJOR FUNCTION AREAS TO POSITION A GRAND VIEW LIKE RED CARPET PLAZA NEAR THE CONVENTION CENTRE AND SIMILARLY IN FRONT OF THE MUSEUM.

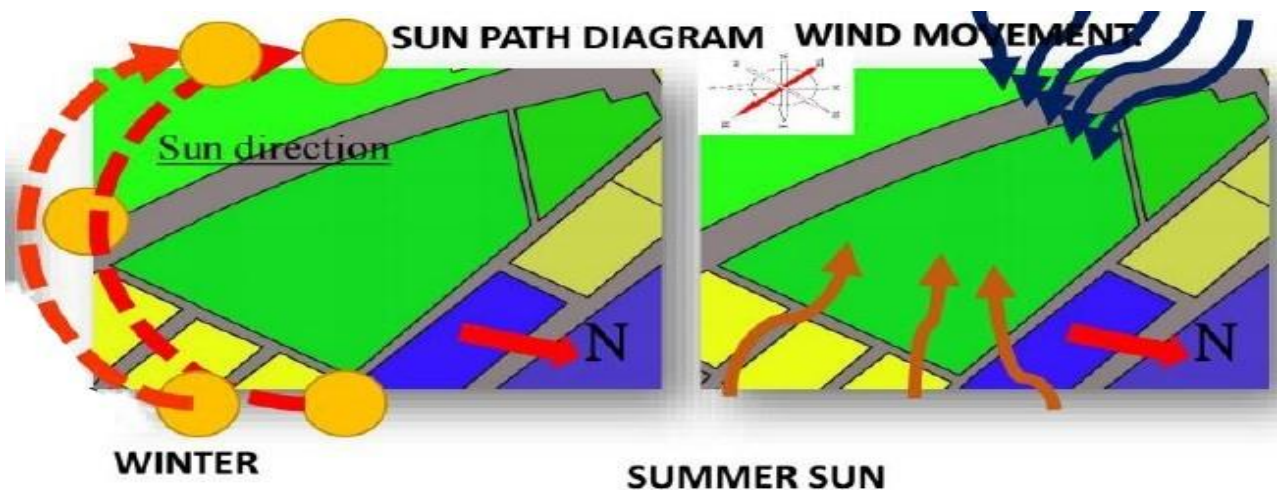
### **3. PADESTRIAN BOULEVARD**

THE VARIOUS FUNCTIONS OF THE FILM FESTIVAL ACROSS THE SITE ARE DIVIDING THE SITE INTO MULTIPLE PARTS.

HENCE THE CONCEPT OF PADESTRIAN BOULEVARD IS PROPOSED TO MAKE A PADESTRIAN WALKWAY THAT GOES STRAIGHT ACROSS THE SITE , HENCE BECOMING THE BINDING AGENT FOR ALL FUNCTIONS ON THE SITE



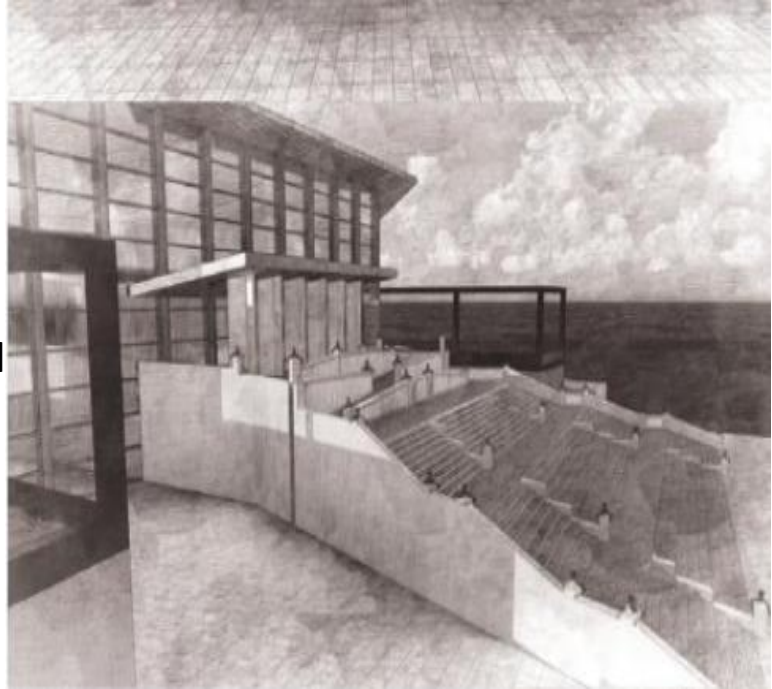
### **SUN PATH DIAGRAM AND WIND MOVEMENT**





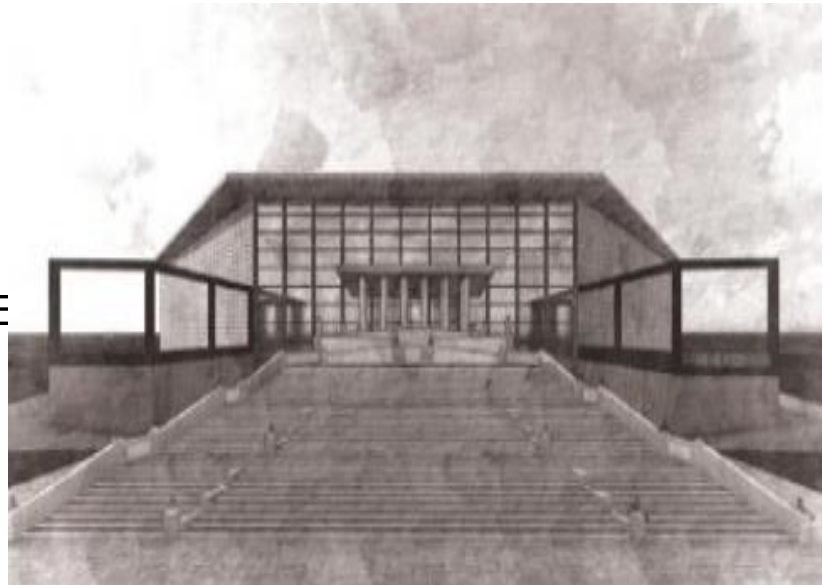
## **FORM EVOLUTION**

GEOMETRICAL SHAPES ARE CONSIDERED WHILE DESIGNING THE SITE .CIRCULAR PLANNING IS DONE ACCROSS THE SITE SHOWING THE DIFFERENT HEIGHTS OF BUILDINGS WITH THEIR FUNCTIONS. PADESTRIAN BOULEVARD IS CONSIDERED WHILE DESIGNING FILM FESTIVAL AS IT CONNECTS LARGE CONVENTION HALL AND HUGE MULTIPLEX.



## **RED CARPET PLAZA**

RED CARPET PLAZA IN FRONT OF CONVENTION HALL IS CONSIDERED TO BE VANTAGE POINT AND DEPICTS THE GRANDNESS OF CONVENTION HALL IN WHICH OPENING AND CLOSING CEREMONY HAS TO BE DONE DURING FILM FESTIVAL.



## AREA ANALYSIS

### AREA ANALYSIS (ALL DIMENSIONS ARE IN SQ.MT.)

S.NO.	SPACE	NUMBER OF USER	FINAL REQUIREMENTS/AREA
A	SITE ANALYSIS		
A1.1	LOCATION		NEW DELHI
	SITE AREA		23.1 ACRES (93482 SQ. MT.)
A1.3	F.A.R.		1.5
A1.4	GROUND COVERAGE		30% (28044SQ.MT)
B	ADMINISTRATION		3208 (USER-100)
B.1.1	ENTRANCE LOBBY/RECEPTION		120
B.1.2	CHAIRMAN OFFICE WITH PA		110
B.1.3	DIRECTOR OFFICE WITH PA		100
B.1.4	MANAGING DIRECTOR		50
B.1.5	MANAGING FINANCE		50
B.1.6	MANAGER TECHNICAL		50
B.1.7	CREATIVE HEAD		50
B.1.8	SUPPORTING STAFF		350(USER-100)
B.1.9	MEETING/CONFERENCE		100(USER-50)
B.1.10	ACCOUNTS SECTION		30
B.1.11	RECORDS ROOM		100
B.1.12	HR DEPARTMENT		85(USER-6)
B.1.13	VIP LOUNGE		230(USER-100)
2	UTILITY AREA		
B.2.1	PANTRY/KITCHEN		20
B.2.2	STAFF DINNING		150(USER-100)
B.2.3	STAFF LOCKERS		20(USER-100)
B.2.4	TOILET ATTACHED		24(USER-6)
B.2.5	MAINTANANCE ROOM		30
B.2.6	TOILET PUBLIC		50
	STAFF (MALE)	W.C.-2 PER 25,URINALS-2 PER 21-45,W.B-2 PER 16-35	
	STAFF (FEMALE)	W.C.-2 PER 13-25,W.B-2 PER 13-25	
	PUBLIC (MALE)	W.C.-1/100-400,URINALS-1 FOR 50,W.B.-1 FOR 200	
	PUBLIC (FEMALE)	W.C.-1/100-200,W.B.-1 FOR 200	
	DRINKING WATER/COFFEE DISPENSER	1/100 PERSONS	

3	CIRCULATION	20% OF FLOOR AREA	
4	SERVICES		
B.3.1	AHU	5% OF FLOOR AREA	
	ELECTRICAL	-	
	LIFTS/ESCALATORS	-	
	STAIRCASE/RAMPS	-	
	FIRE EXIT	-	
C	MULTIPLEX-ADDITIONAL 9 SCREENS		14,400 SQM(2850 SEATS)
C.1.1	ENTRANCE FOYER	2000	573
C.1.2	BOX OFFICE	6	50
C.1.3	SCREEN1	450X3	1700
	SCREEN 2	250X3	1160
	SCREEN 3	250X3	1160
C.1.4	PROJECTION ROOM		670
	UTILITY AREA		
C.1.5	WASHROOM		130
	MALE	500	WC-4,URINAL-10,WASHBASIN 5
	FEMALE		WC-7,WB-6
	SERVICES AREA		
C.1.6	LIFTS	5% OF FLOOR AREA	155
C.1.7	STAIRCASE/RAMP		
C.1.8	FIRE EXIT		
D	RESTAURANT		
D.1.1	RESTAURANT	300	700
D.1.2	KITCHEN	30	120
D.1.3	TOILETS	10	50
F	PARKING		
	MULTIPLEX	285 ECS (1 ECS/10 SEATS)(1 ECS=30 SQMT FOR MULTILVL PARKING	7520 SQM
	ADMINISTRATION	64 ECS(2ECS/100 SQ MT)	1536 SQM
	CONVENTION CENTRE	293 ECS(2ECS/100 SQ MT)	6400 SQ.M
	RESTAURANT	14 ECS(2ECS/100 SQ MT)	336 SQ.M
	CASINO	70 ECS(2ECS/100 SQ MT)	1680 SQ.M
	MUSEUM	48 ECS(2ECS/100 SQ MT)	1150 SQ.M



E	MISCELLANEOUS		
	SECURITY SERVICES,CONTROL ROOM,UTILITY AND TOILETS	50	450
F	AUDITORIUM		
F.1.1	AUDITORIUM 1	550	924 SQ .M
F.1.2	AUDITORIUM 2	550	924 SQ .M
F.1.3	AUDITORIUM 3	550	924 SQ .M
F.1.4	EXHIBITION HALL	900	924 SQ .M
G	DRIVE IN CINEMA	150	5000
G.1.1	PROJECTION BOOTH	—	30
G.1.2	TICKETING BOOTH	—	42
H	CONVENTION CENTRE		
H.1.1	SEATING AREA + STAGE	2000	1300
	ENTRY FOYER WITH SITTING	—	1600
	TOILET-FOYER ENTRY	—	350
	STORAGE	—	130
	BACK STAGE	—	260
	PROJECTION ROOM	—	80
	GREEN ROOM	—	300
	CONVENTION DIRECTOR	1	28
	CONVENTION MANAGER	2	37
	CONVENTION TECH MANAGER	2	74
	CONVENTION TECHNICIANS	—	45
	ASSISTANTS	—	45
	CONVENTION STAFF	—	180
	PERSONAL TOILETS	—	28
	SECRETARY ROOMS		26.8
	ENTRY FOYER WITH SITTING	1	15
	RECEPTION	1	15
	WAITING AREA	1	15
	TOILET(WATING AREA)	2	8
	TOILET-STAFF	4	16
	CIRCULATION +SERVICES		2000
	TOTAL BUILT UP AREA		

# **DESIGN DEVELOPMENT**

- SITE PLAN
- ALL PLANS
- SECTIONS











































# **ELECTIVE**

- LANDSCAPE
- SECURITY AND SURVILLANCE









## **3D VIEWS**

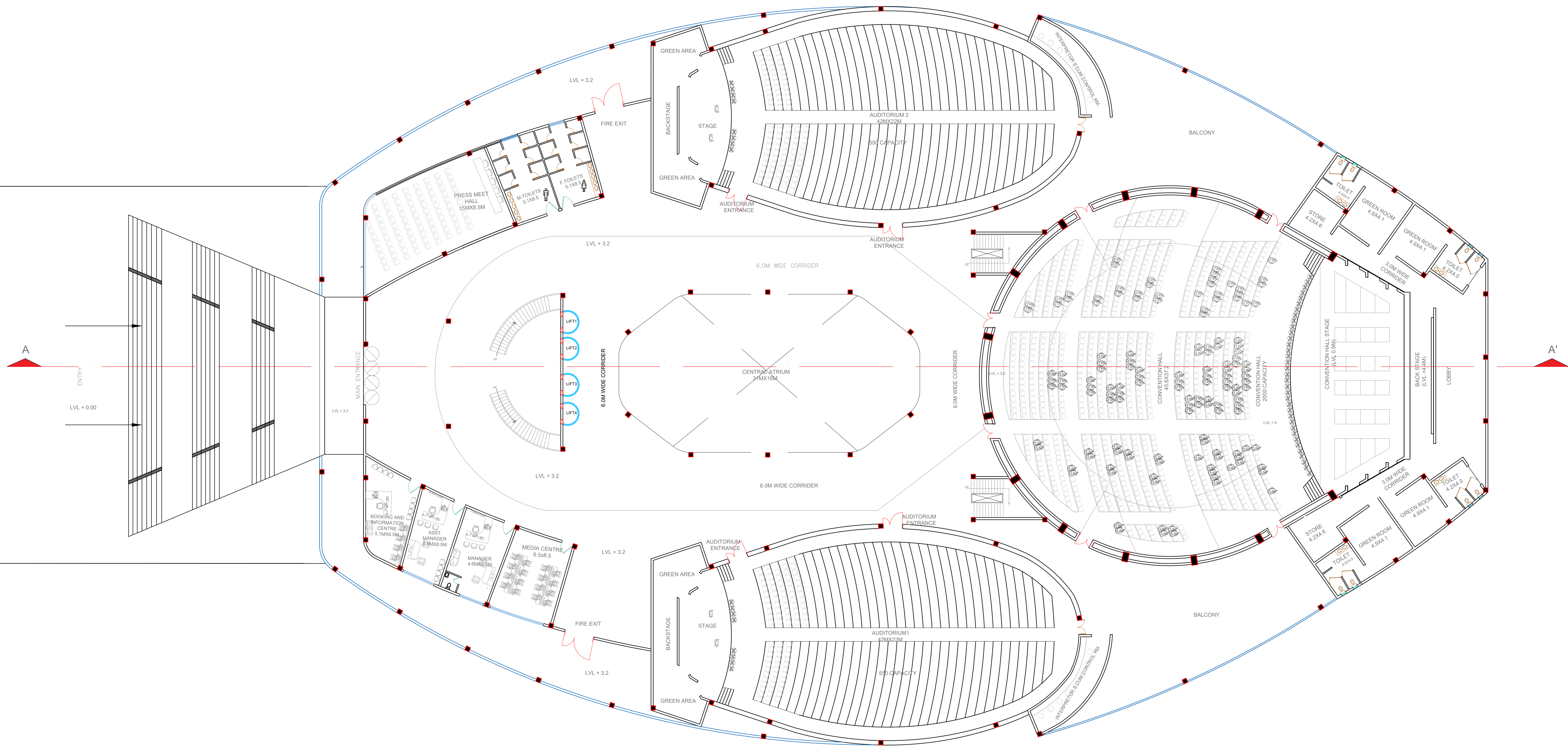
- VIEWS OF THE PROJECT







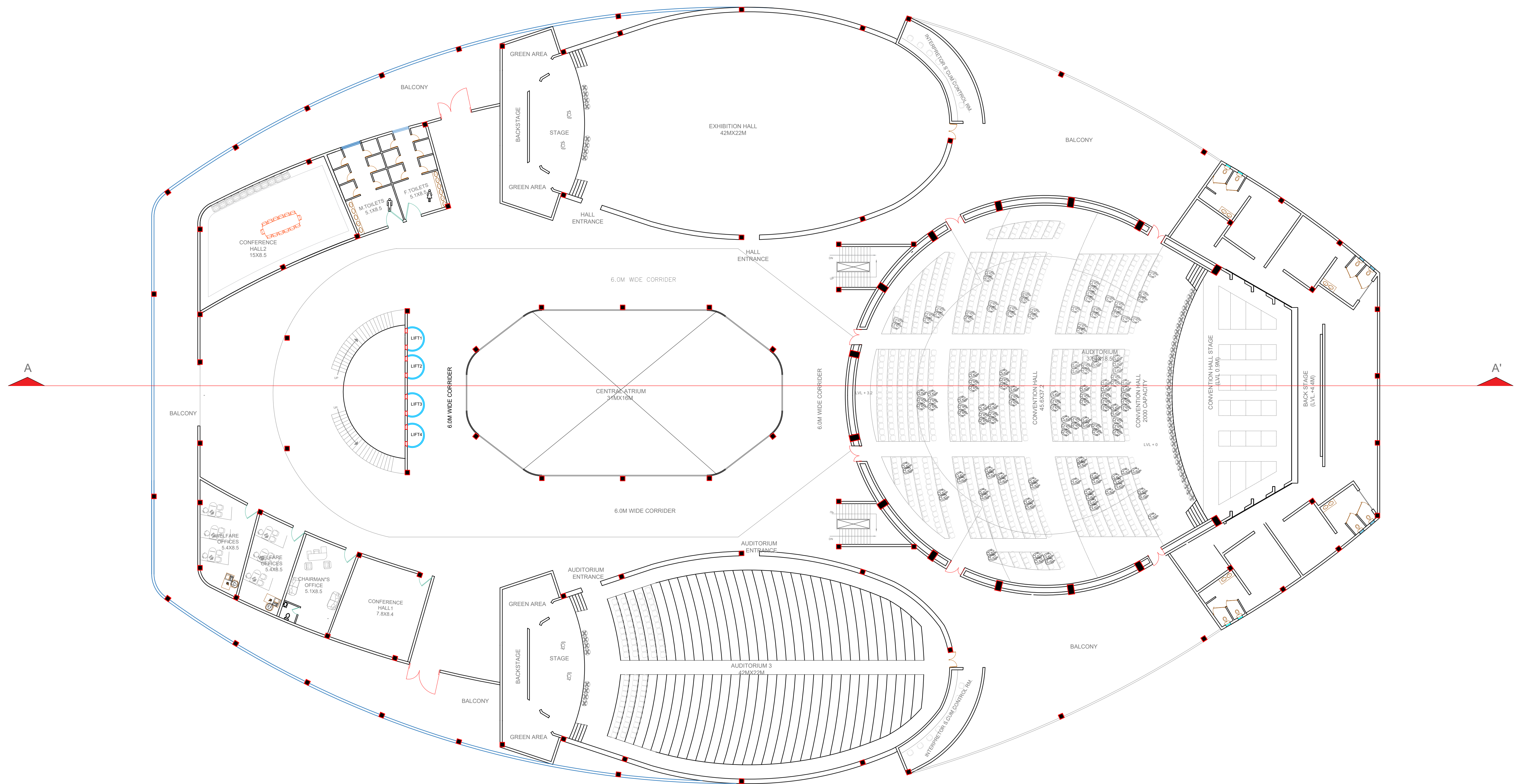




FIRST FLOOR PLAN

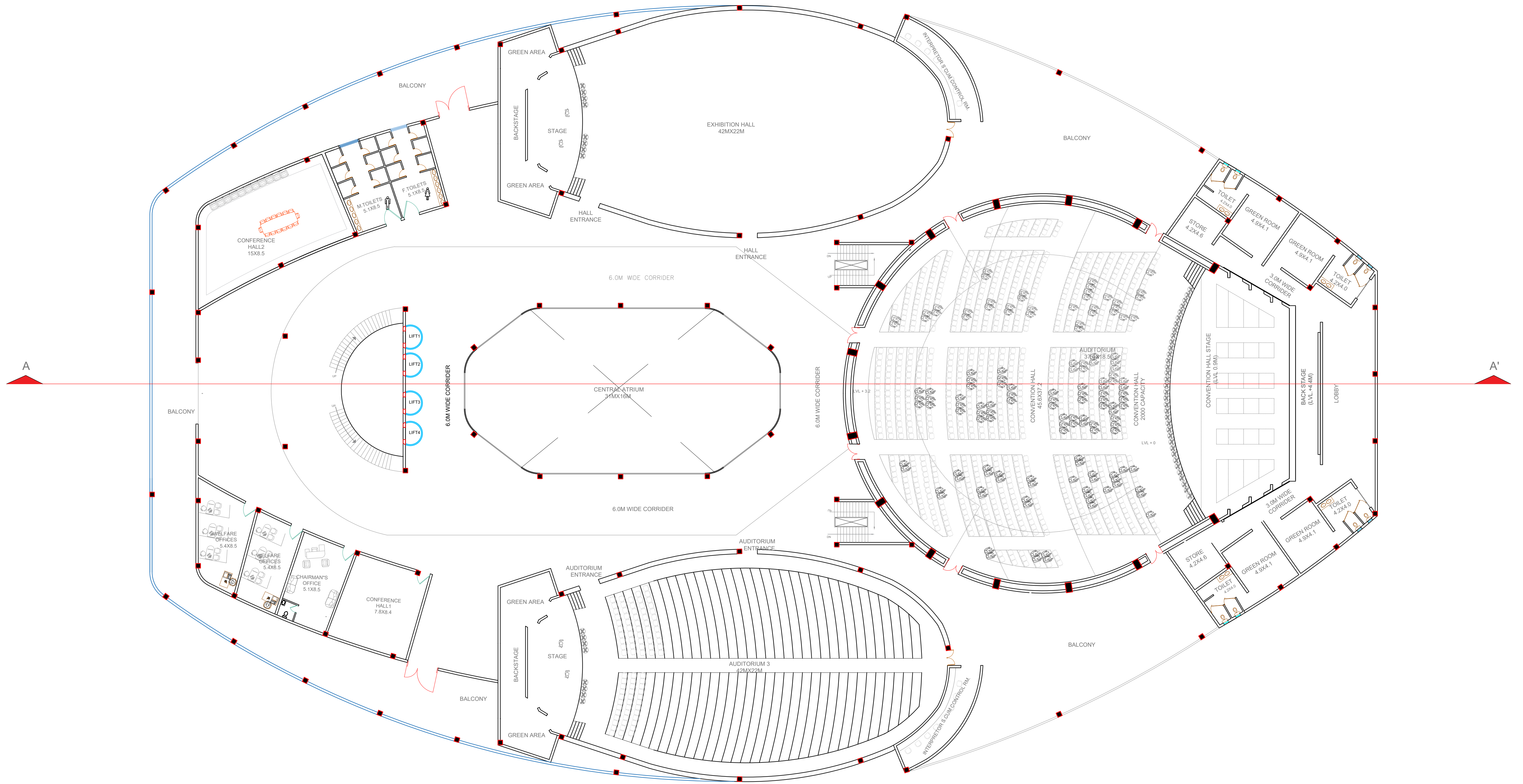




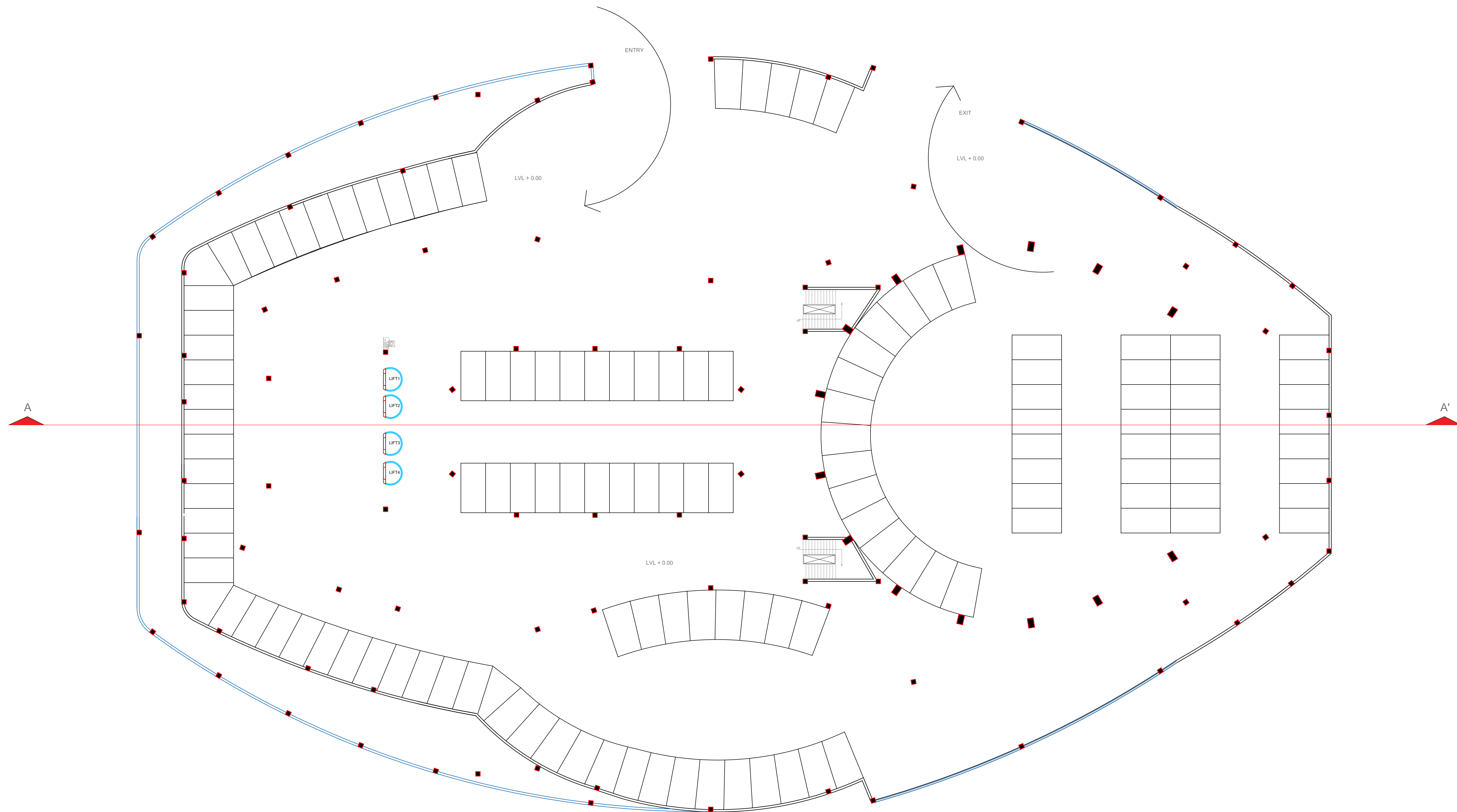


SECOND FLOOR PLAN



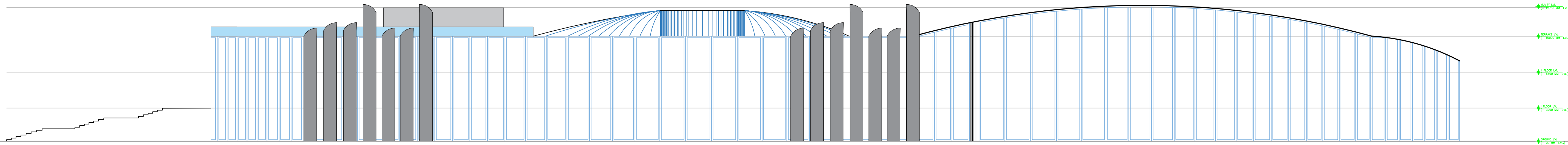


SECOND FLOOR PLAN

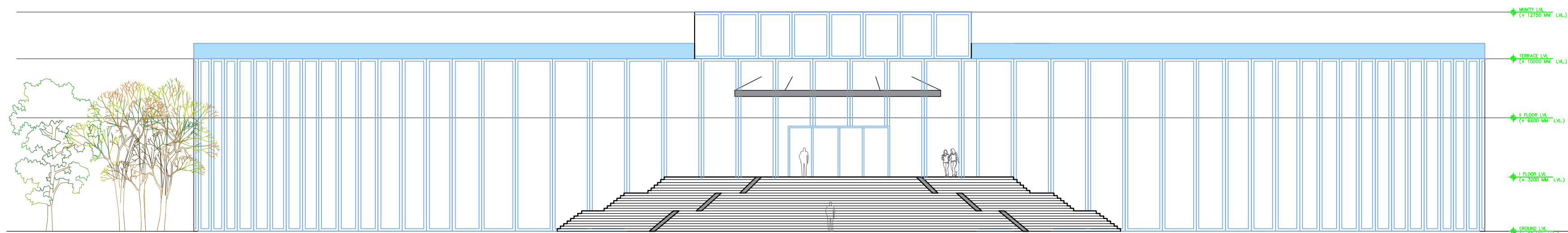


GROUND FLOOR PLAN

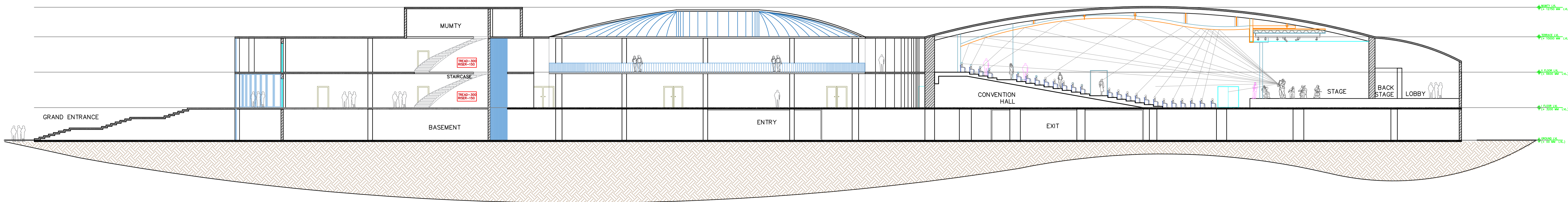




SIDE ELEVATION



FRONT ELEVATION

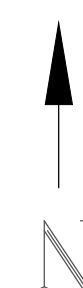


SECTION AA'



DWARKA  
SECTOR 17,  
NEW DELHI

MULTIPLEX  
(SCREEN 9)  
FLOOR PLANS

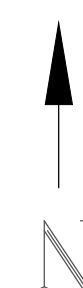


AAMIR SOHAIL  
B.ARCH 5TH  
YEAR(SEM X)  
1180101001  
THESIS(2022-2023  
SCHOOL OF  
ARCHITECTURE  
B.B.D.U.



DWARKA  
SECTOR 17,  
NEW DELHI

MULTIPLEX  
(SCREEN 9)  
FLOOR PLANS



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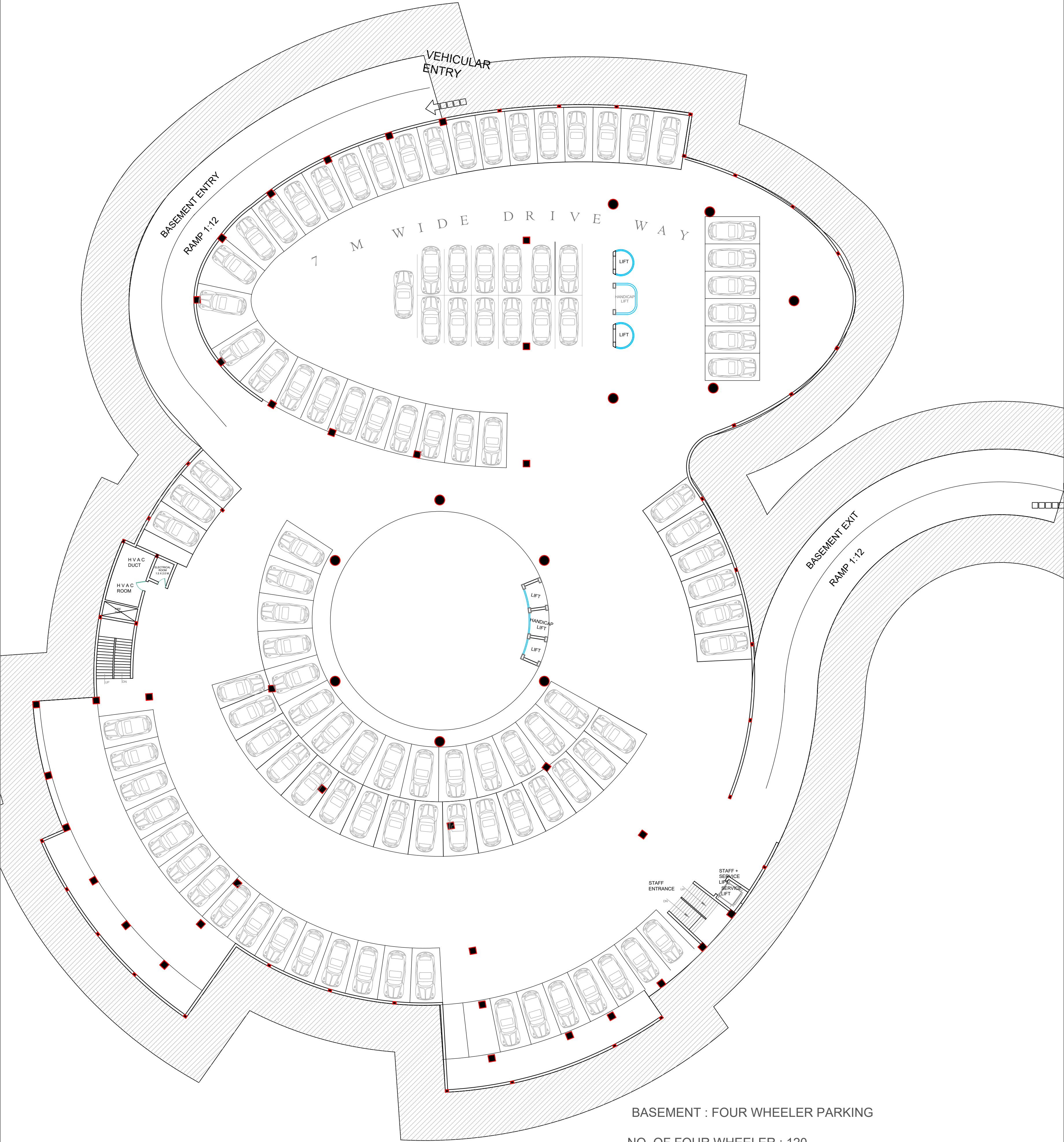


CENTER  
FOR  
FILM  
FESTIVAL

DWARKA  
SECTOR 17,  
NEW DELHI

SCALE 1:200

MULTIPLEX  
(SCREEN 9)  
FLOOR PLANS



BASEMENT : FOUR WHEELER PARKING  
NO. OF FOUR WHEELER : 120

BASEMENT FLOOR PLAN

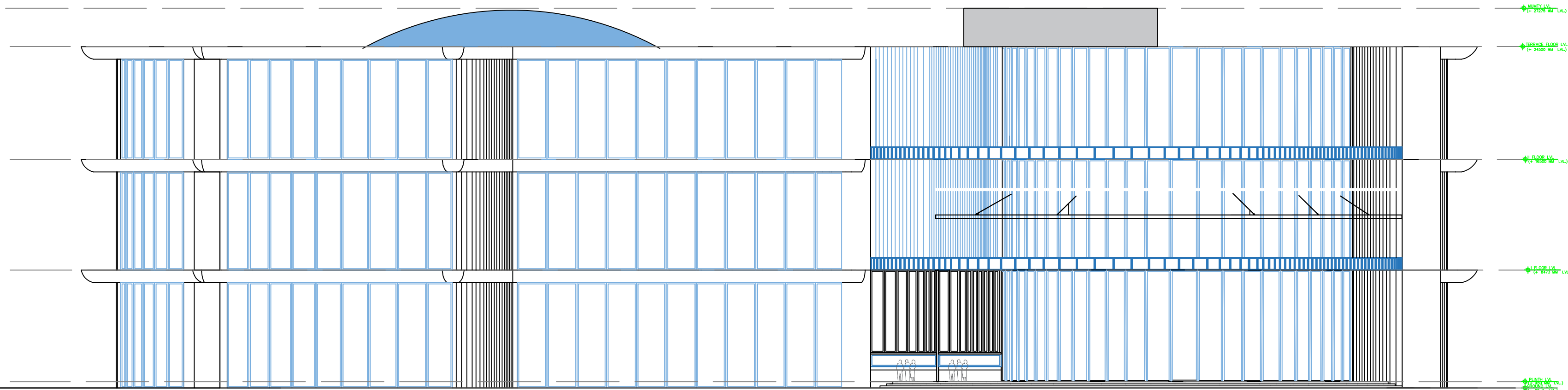


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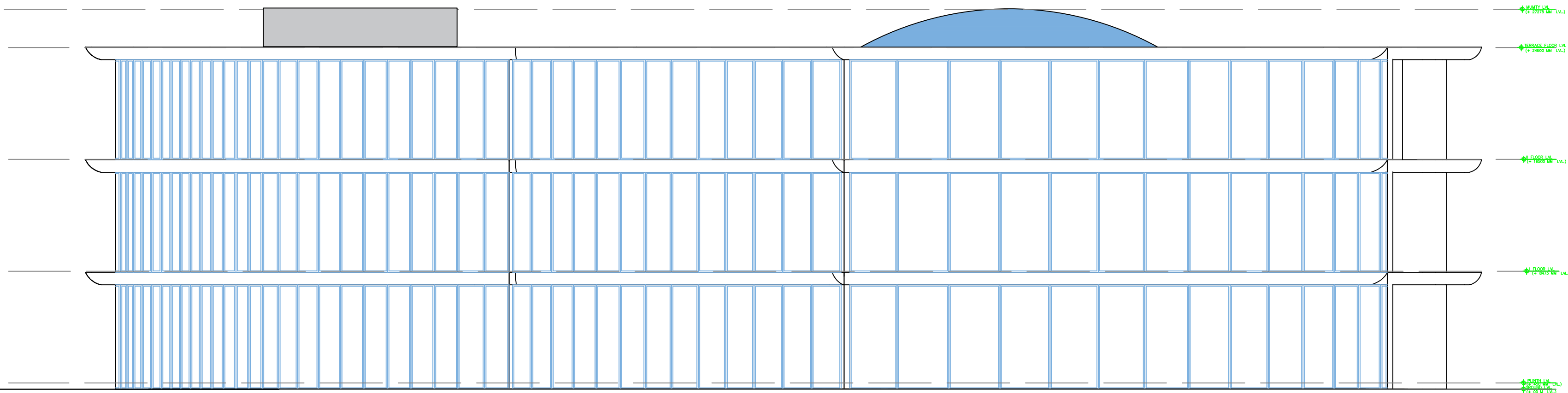
CENTER  
FOR  
FILM  
FESTIVAL

DWARKA  
SECTOR 17,  
NEW DELHI



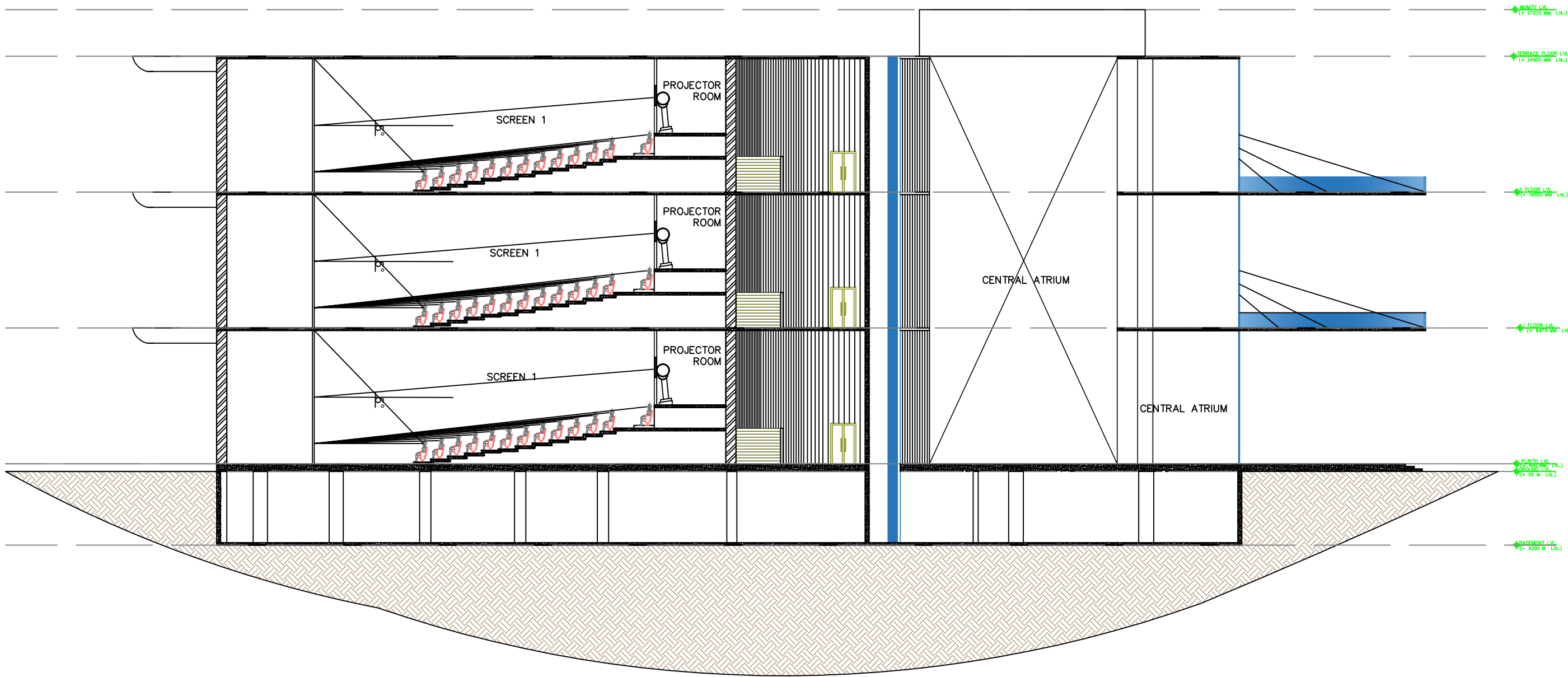
FRONT ELEVATION

SCALE 1:250



SIDE ELEVATION

MULTIPLEX  
(SCREEN 9)  
SECTION AND  
ELEVATIONS



SECTION AA'

N

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SCHOOL OF  
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B.B.D.U.

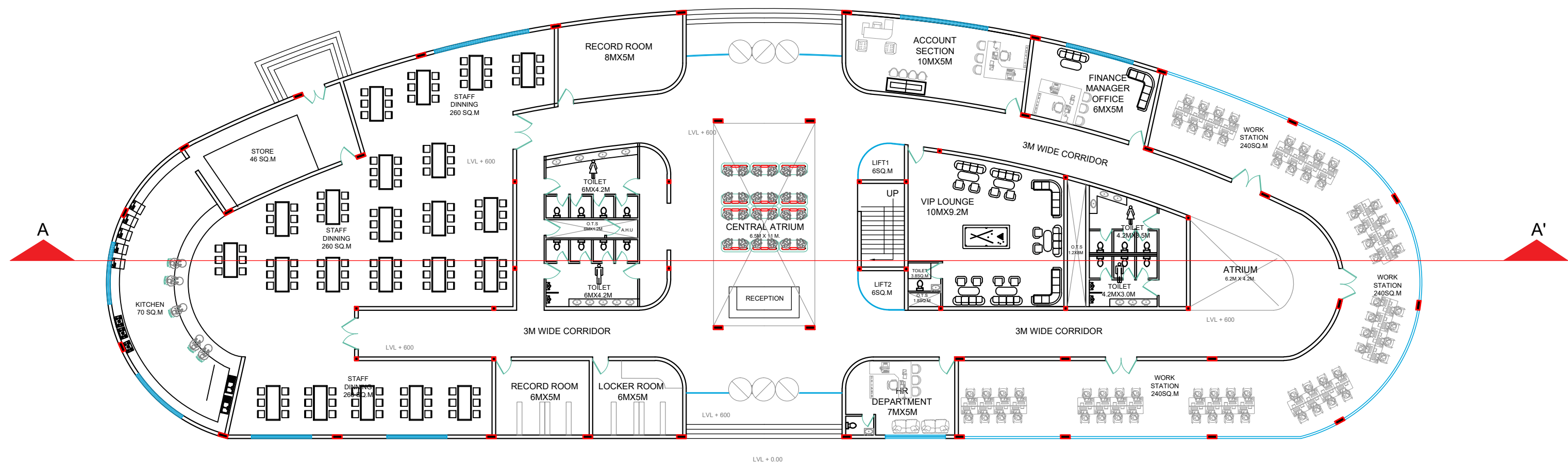
CENTER  
FOR  
FILM  
FESTIVAL

DWARKA  
SECTOR 17,  
NEW DELHI

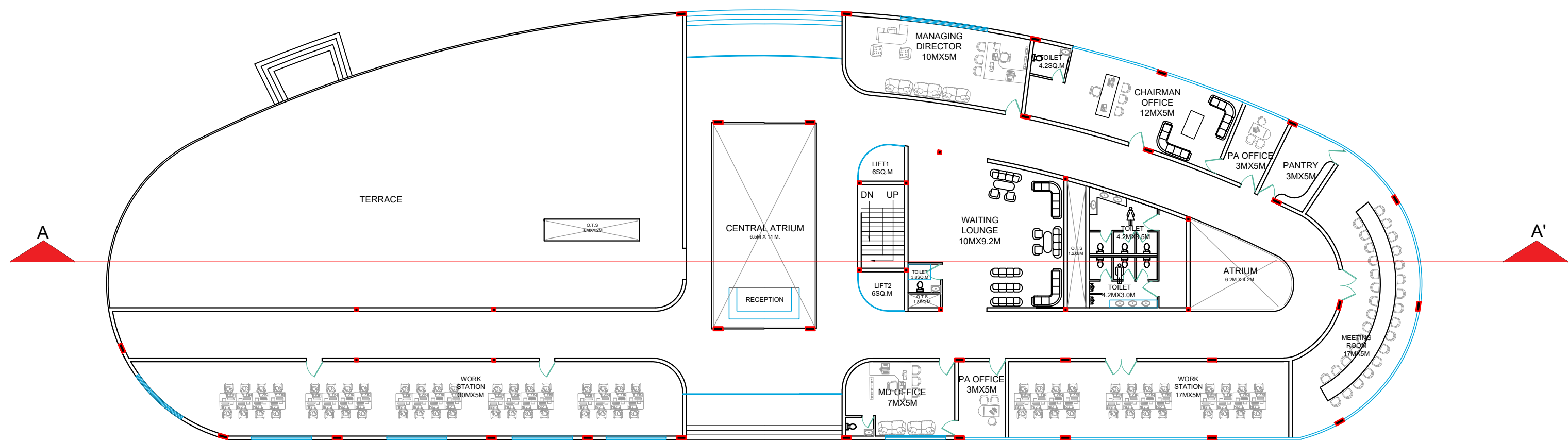
SCALE 1:250

ADMINISTRATION

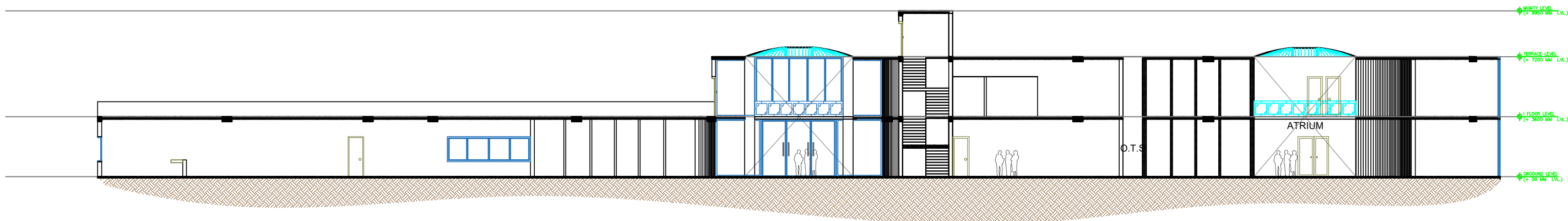
PLAN ,  
SECTION AND  
ELEVATIONS



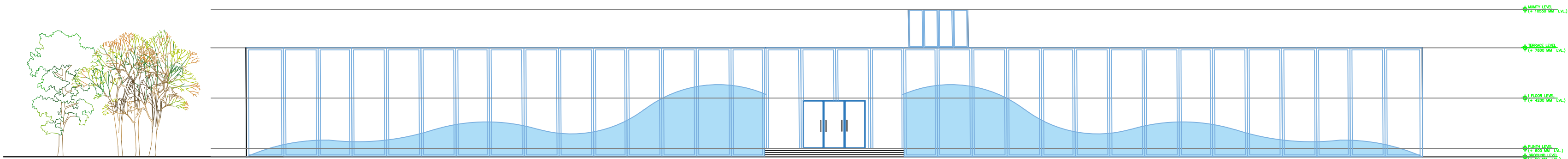
GROUND FLOOR PLAN



FIRST FLOOR PLAN



LONGITUDINAL SECTION



ELEVATION

N

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YEAR(SEM X)  
1180101001  
THESIS(2022-2023)  
SCHOOL OF  
ARCHITECTURE  
B.B.D.U.



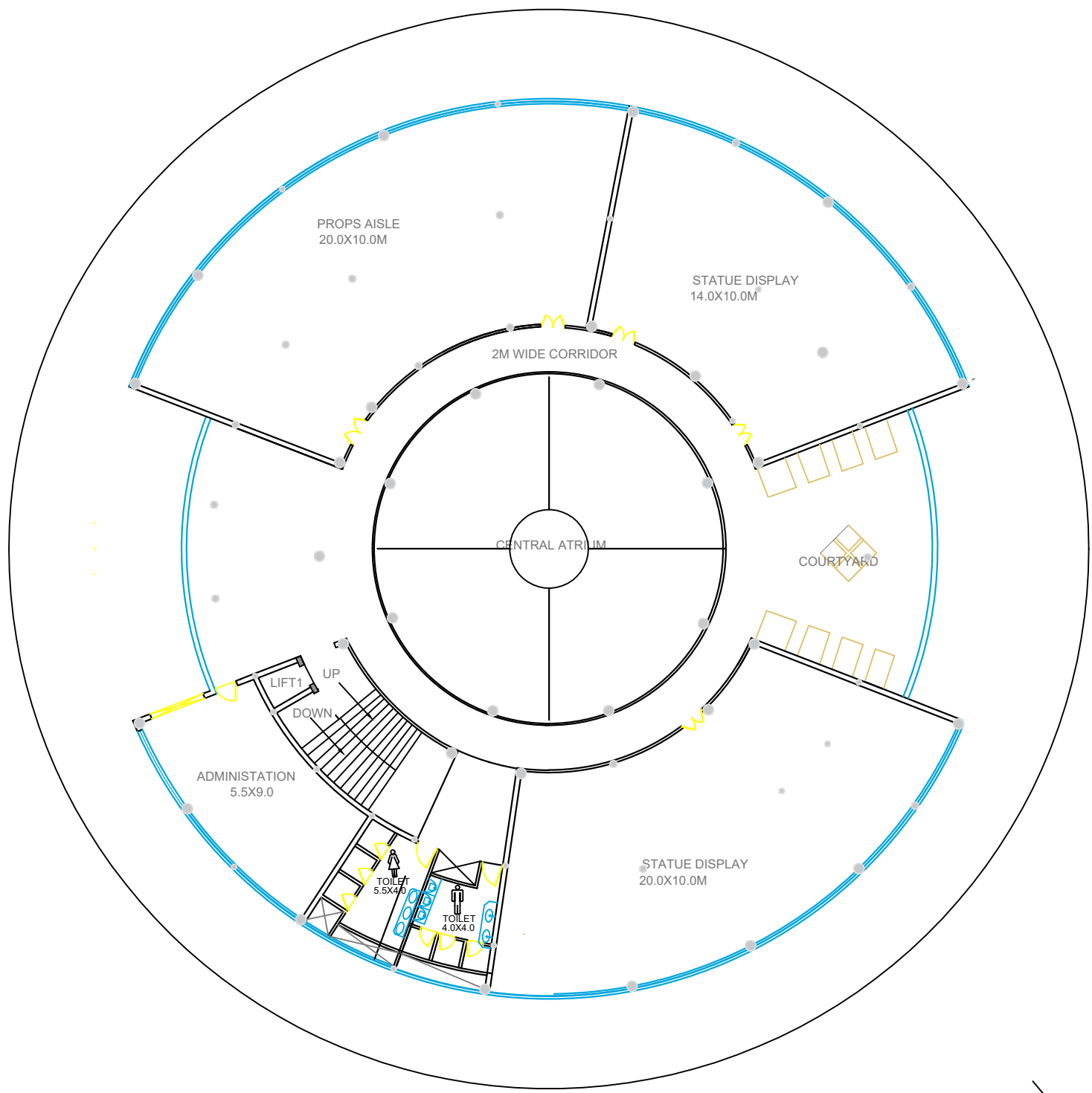
CENTER  
FOR  
FILM  
FESTIVAL

DWARKA  
SECTOR 17,  
NEW DELHI

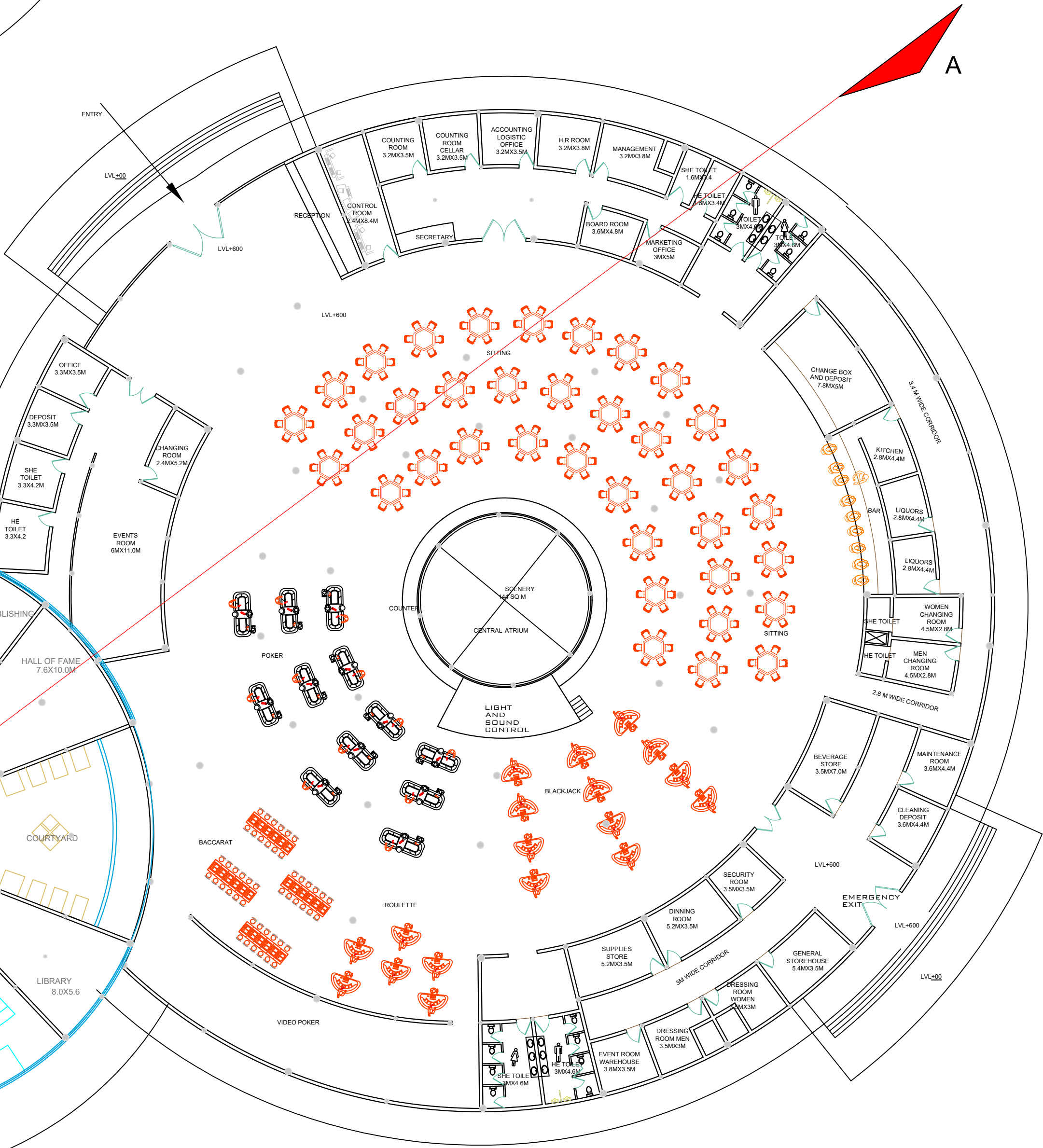
SCALE 1:250

CASINO  
CUM  
MUSEUM

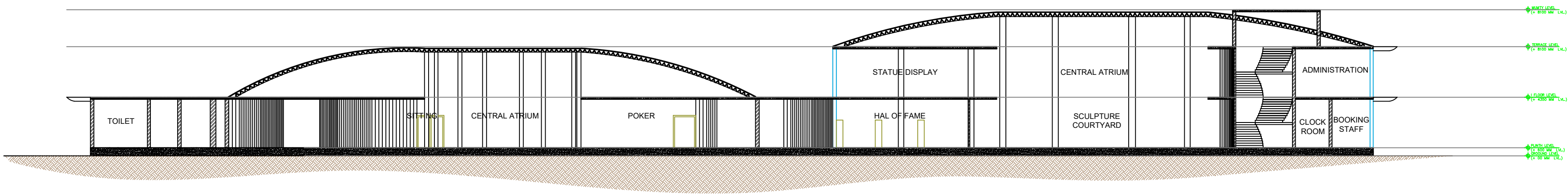
PLAN ,  
SECTION AND  
ELEVATIONS



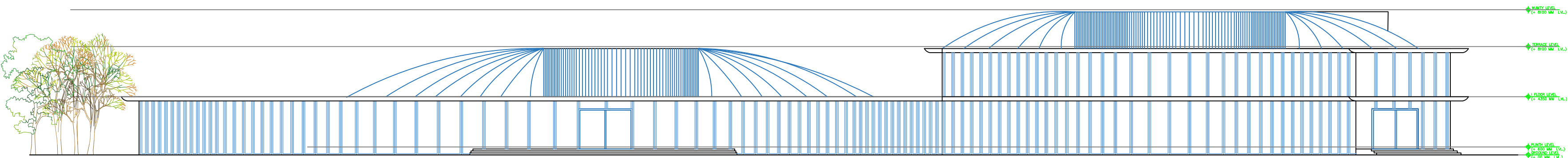
FIRST FLOOR PLAN



GROUND FLOOR PLAN



SECTION AA'



FRONT ELEVATION

N

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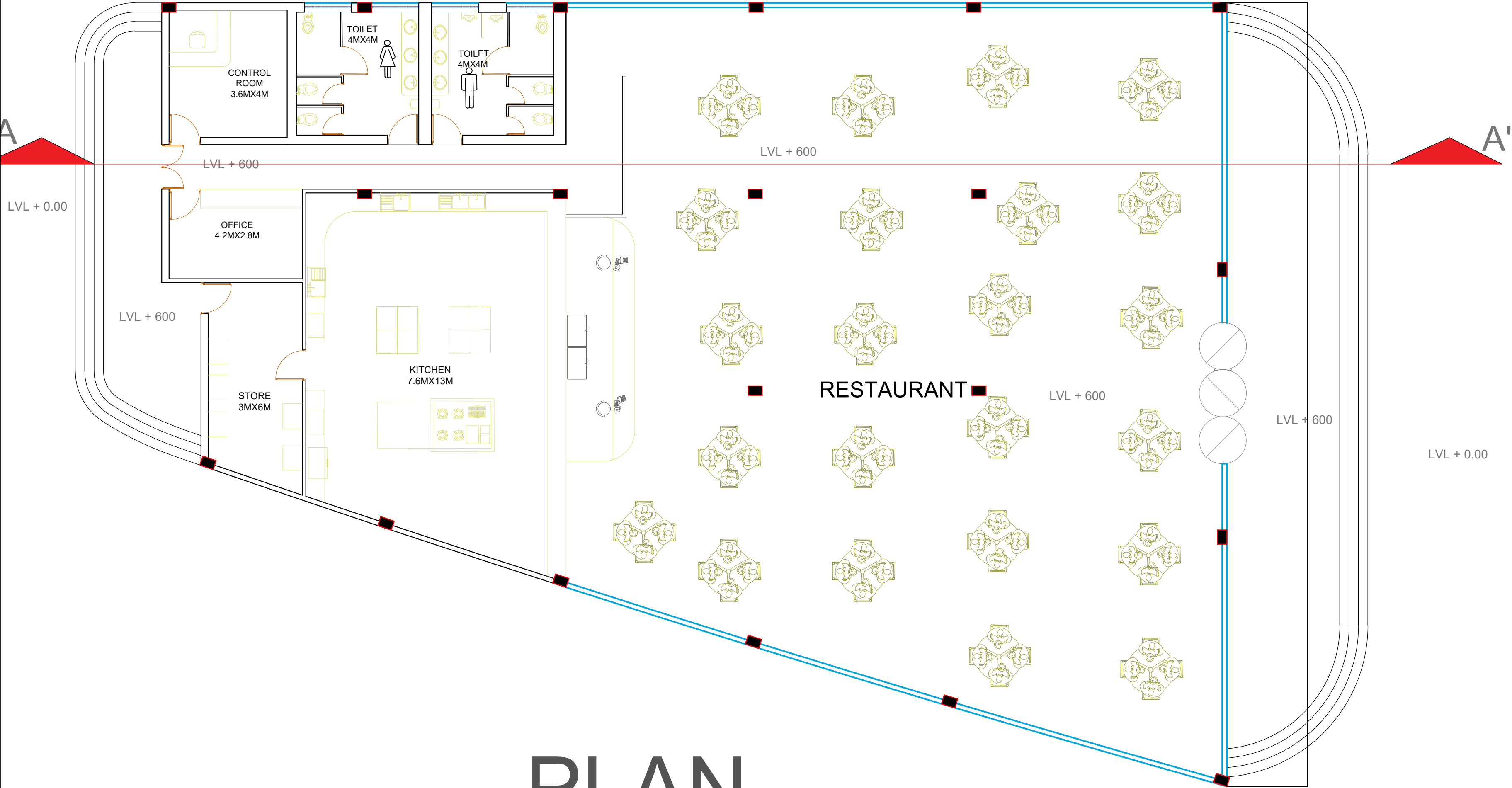
CENTER  
FOR  
FILM  
FESTIVAL

DWARKA  
SECTOR 17,  
NEW DELHI

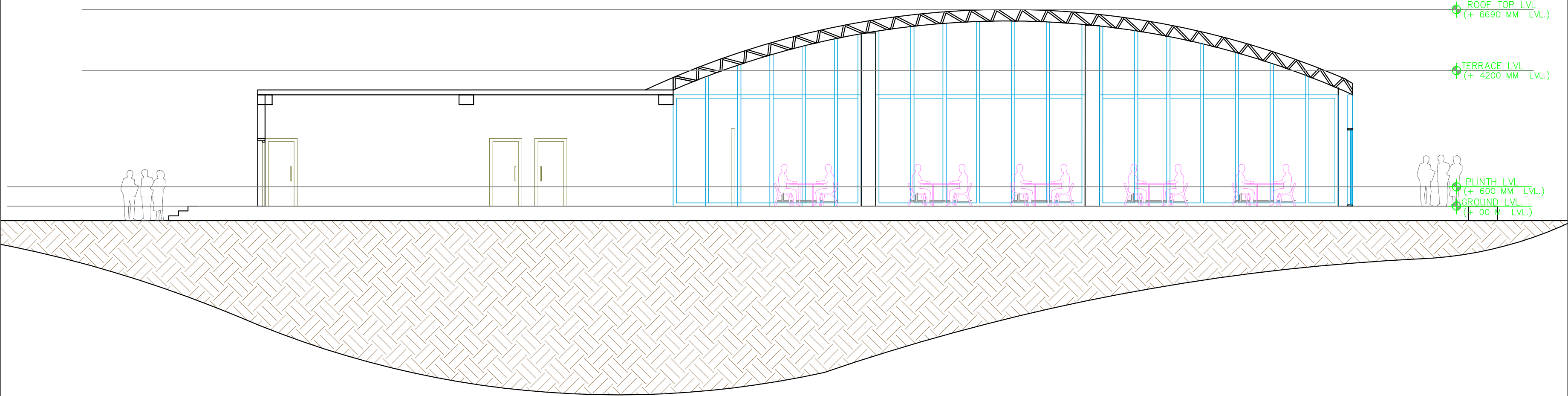
SCALE 1:250

CASINO  
CUM  
MUSEUM

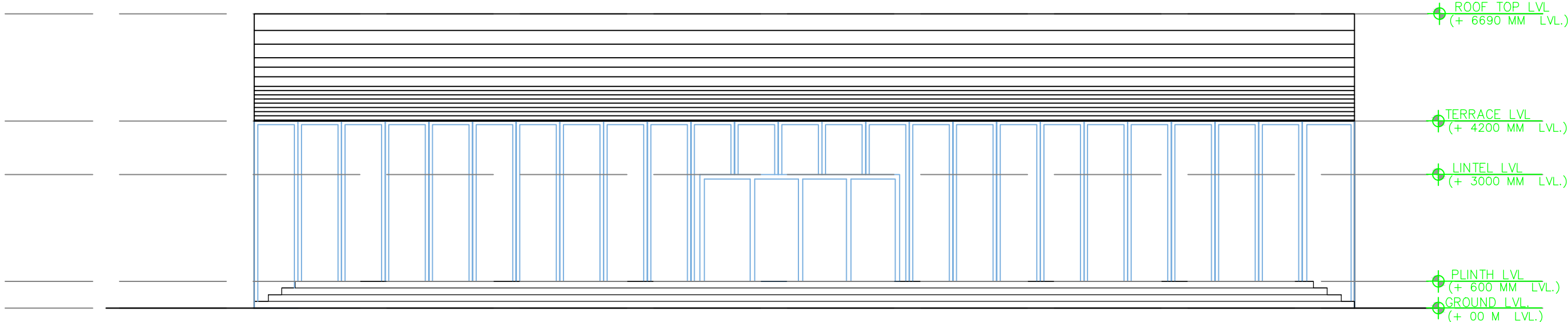
PLAN ,  
SECTION AND  
ELEVATIONS



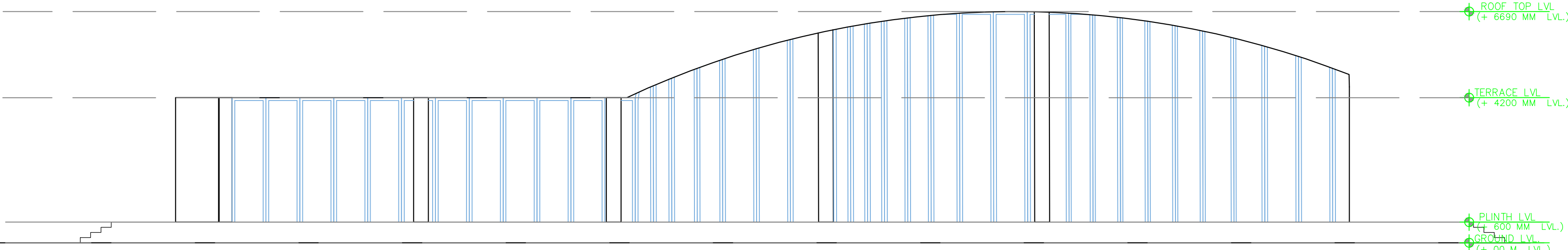
PLAN



SECTION AA'



FRONT ELEVATION

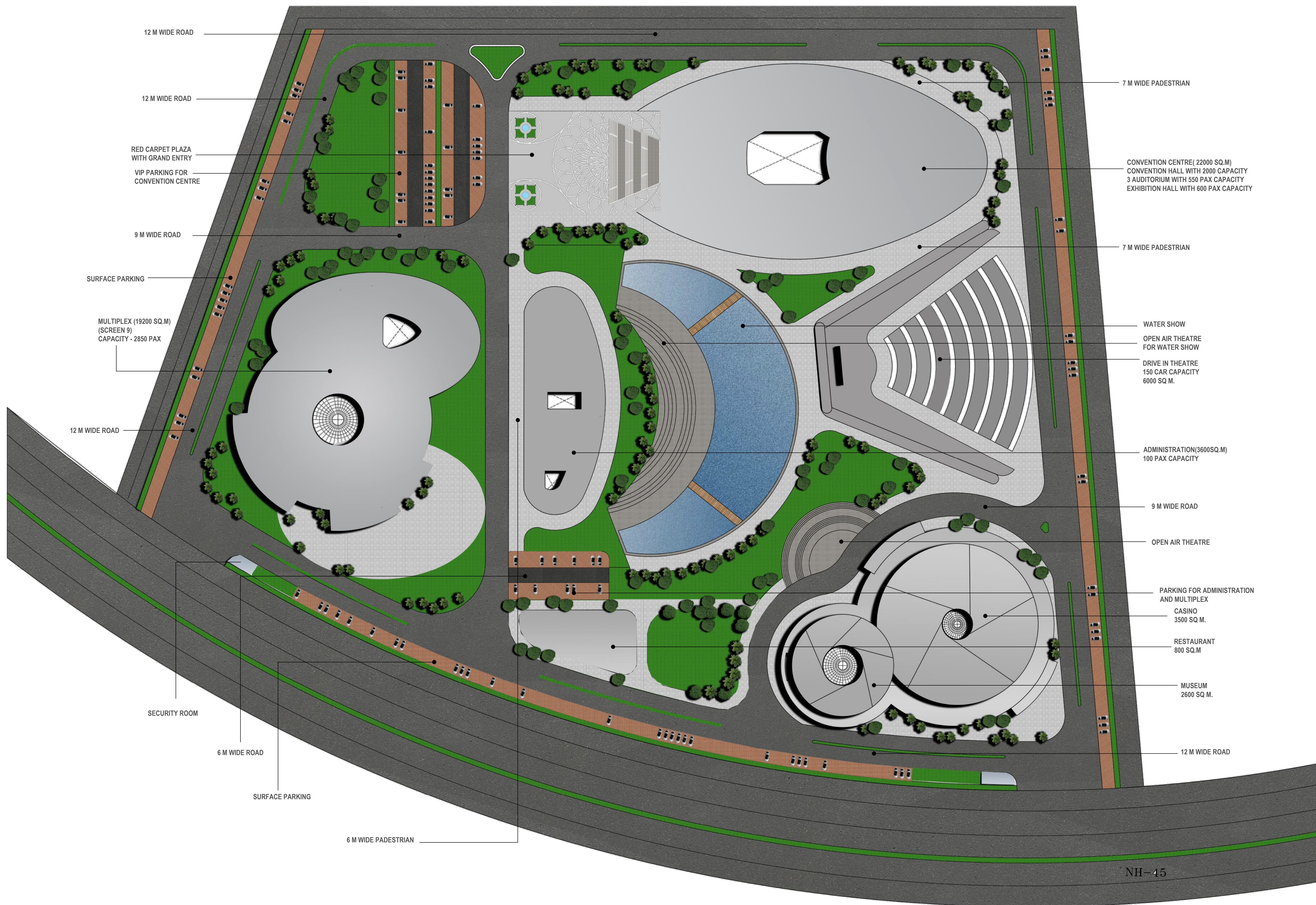


SIDE ELEVATION

N

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SCHOOL OF  
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CENTRE FOR FILM FESTIVAL  
DWARKA SECTOR 17, NEW DELHI

SCALE 1:700

SITE PLAN

N

AAMIR SOHAIL  
B.ARCH 5TH YEAR(SEM X)  
1180101001  
THESIS(2022-2023)  
SCHOOL OF ARCHITECTURE B.B.D.U.



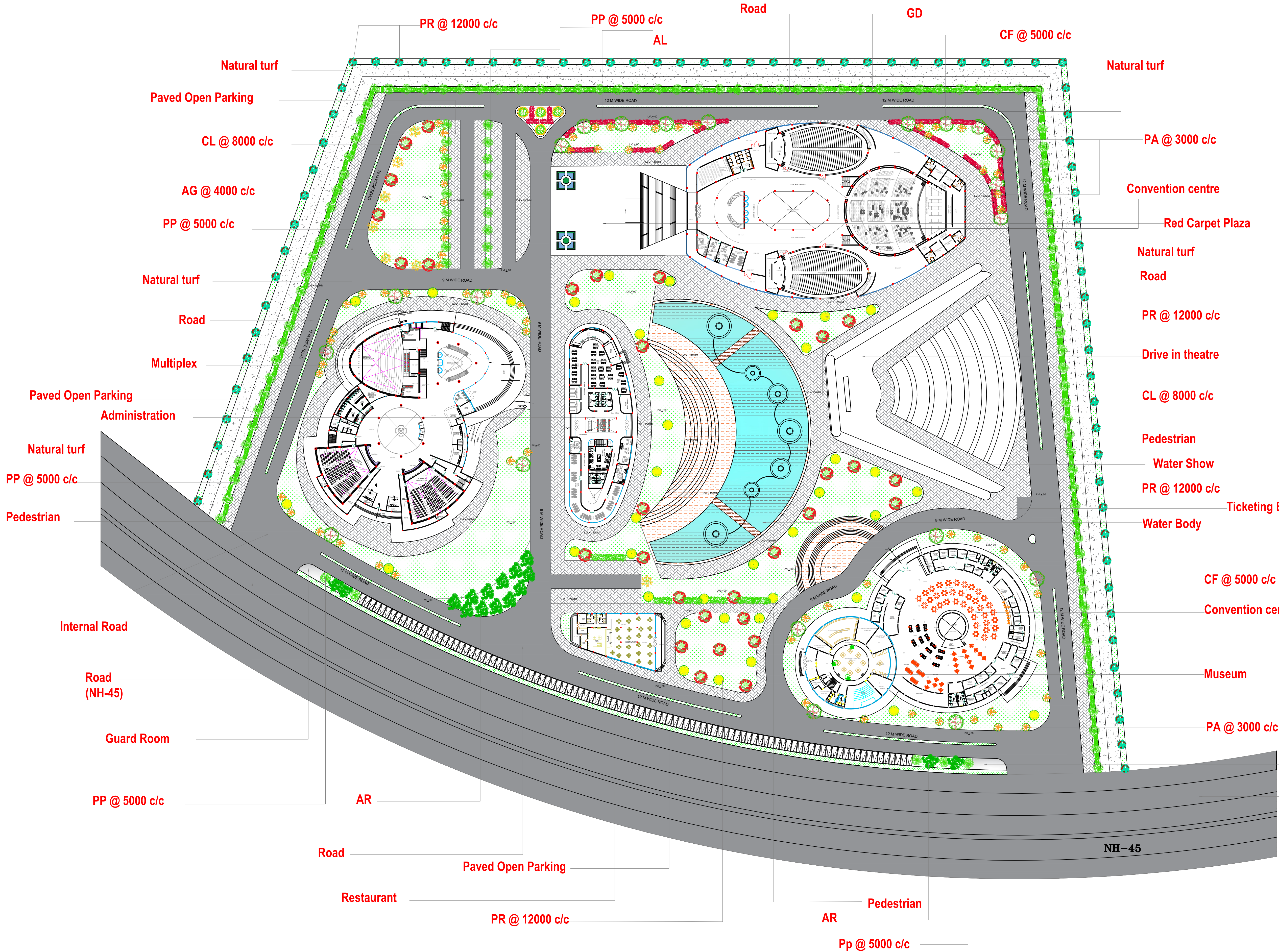
LEGEND

<b>BOTANICAL NAME</b> LOCAL NAME HEIGHT SPREAD FLOWERING SEASON COLOUR OF FLOWER FRAGRANCE LIGHT REQUIREMENT REMARK USAGE	<b>BOTANICAL NAME</b> LOCAL NAME HEIGHT SPREAD FLOWERING SEASON COLOUR OF FLOWER FRAGRANCE LIGHT REQUIREMENT REMARK USAGE

<b>BOTANICAL NAME</b> LOCAL NAME HEIGHT SPREAD FLOWERING SEASON COLOUR OF FLOWER FRAGRANCE LIGHT REQUIREMENT REMARK USAGE	<b>BOTANICAL NAME</b> LOCAL NAME HEIGHT SPREAD FLOWERING SEASON COLOUR OF FLOWER FRAGRANCE LIGHT REQUIREMENT REMARK USAGE

	<b>POLYALEHIA PENDULA</b> DROPPING ASHOKA --PP EG,shinning leaves & shape columner
	<b>PELTOPHORUM INERMI</b> YELLOW GULMOHAR --PR EG dense foliage,tall heavy yellow flowering.
	<b>MANGONIA GRANDIFLORA</b> MANGONIA--MG grand med size scented white flowers,
	<b>ARALIAS (4'-5')</b> --AR EG,ornamental shinning green patchy leaves.
	<b>GOLDEN DURANTA</b> (varigated ornamental hedge) --GD dwarf small leaves
	<b>ALLAMANDA GRANDIFLORA</b> --AG yellow flower approx 2m ht.
	<b>ALLTERNTHERIA sp</b> (small ted /patchy leaves) --AL red edge,6 to 8 inch

	<b>ROAD</b>
	<b>PEDESTRIAN</b>
	<b>NATURAL TURF</b>
	<b>BUILDING BLOCK</b>



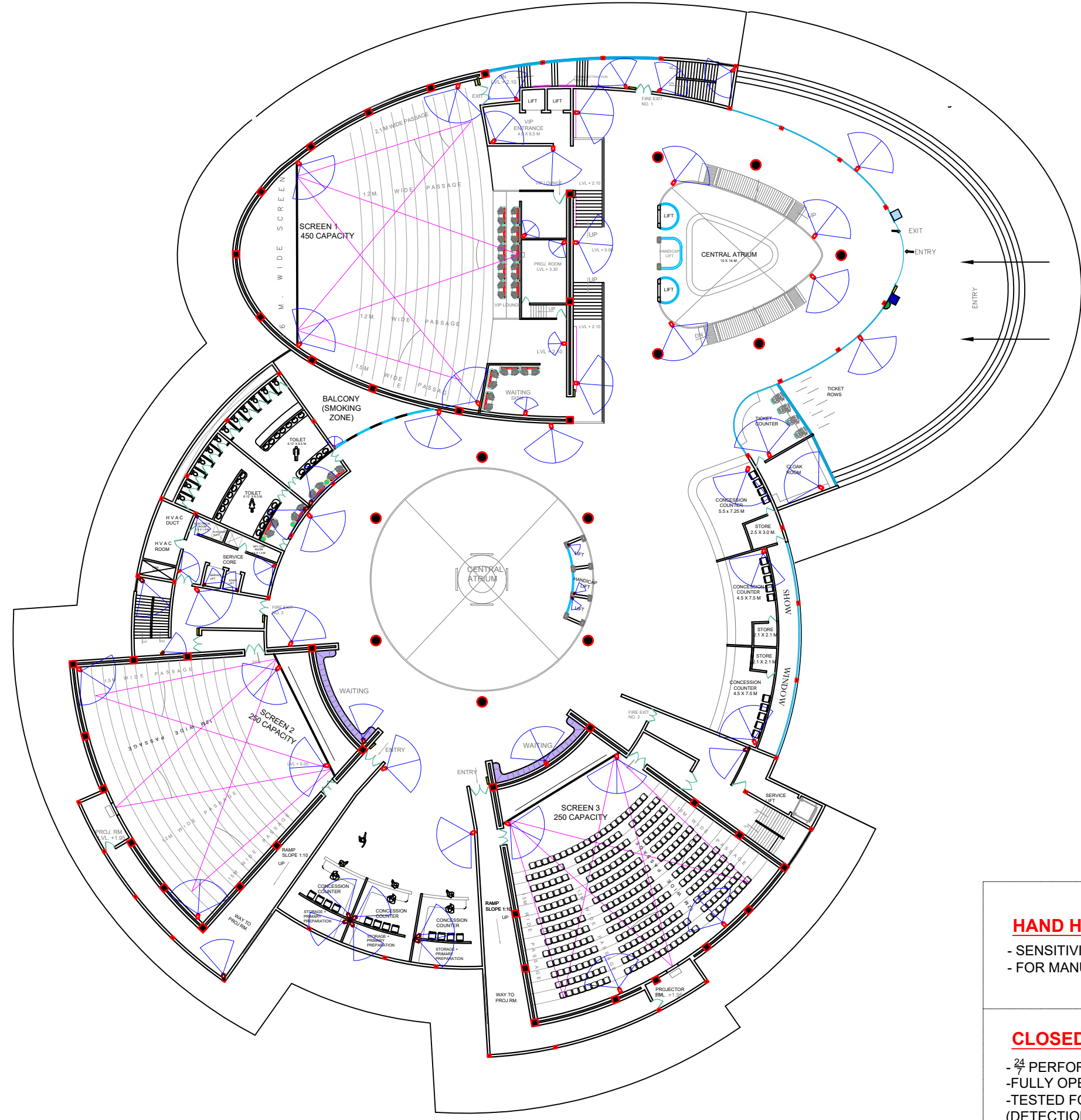
CENTRE FOR FILM FESTIVAL  
DWARKA SECTOR 17, NEW DELHI

SCALE 1:500

SITE PLAN

AAMIR SOHAIL  
B.ARCH 5TH YEAR(SEM X)  
1180101001  
THESIS(2022-2023)  
SCHOOL OF ARCHITECTURE B.B.D.U.

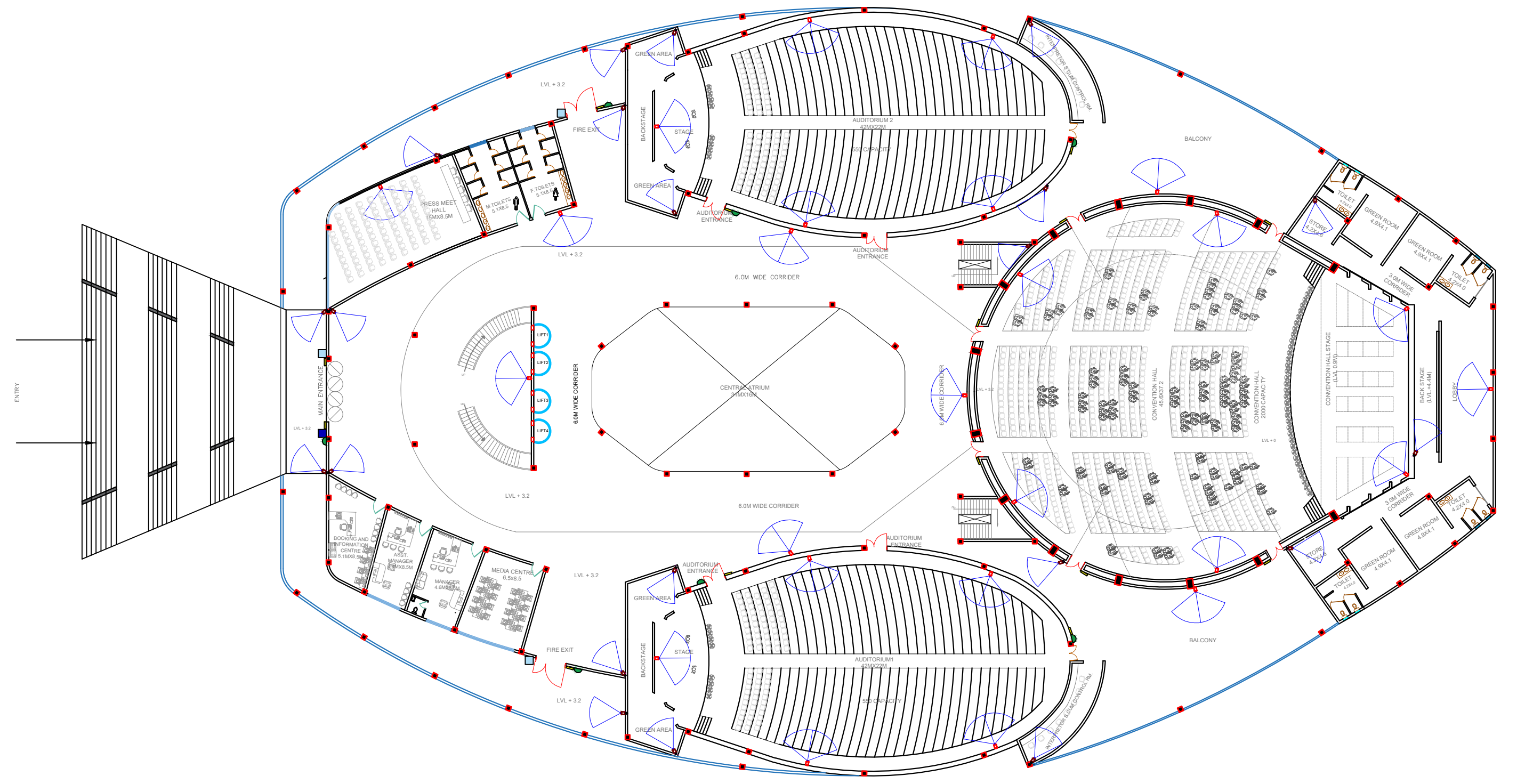




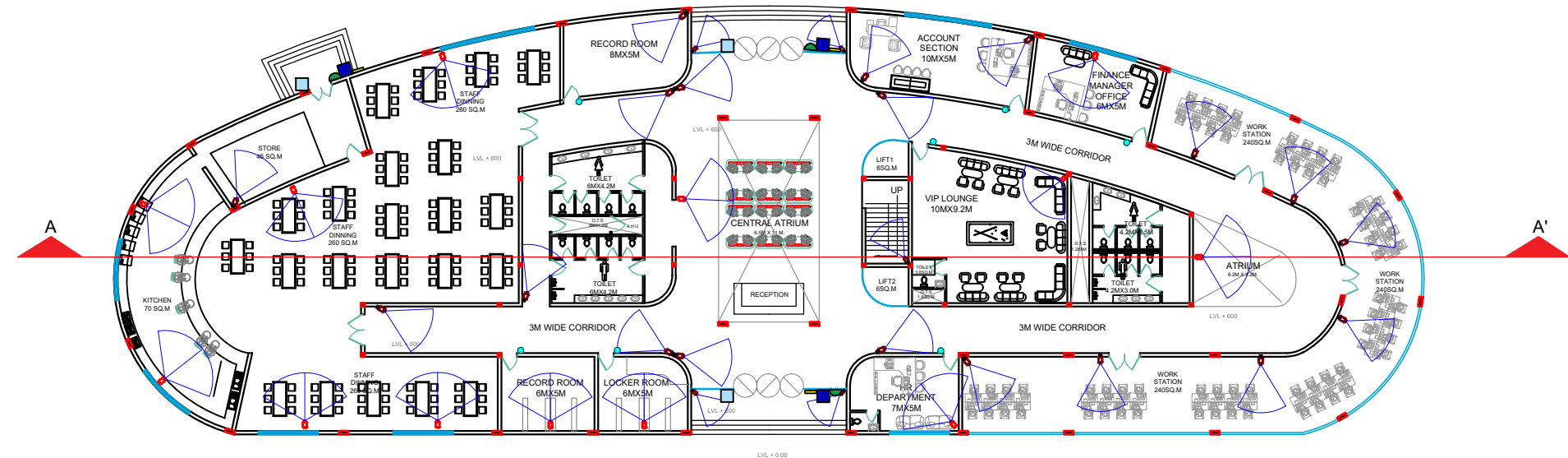
**HAND HELD SCANNER**  
- SENSITIVITY TEST: 1 GM.DIST: 25MM  
- FOR MANUAL CHECKING OF VISITORS

**CLOSED CIRCUIT CAMERA**  
- PERFORMANCE  
- FULLY OPERATIONAL IN HARSH WEATHER CONDITIONS.  
- TESTED FOR DCRI  
(DETECTION, CLASSIFICATION, RECOGNITION, IDENTIFICATION)  
SURVEILLANCE LEVELS.

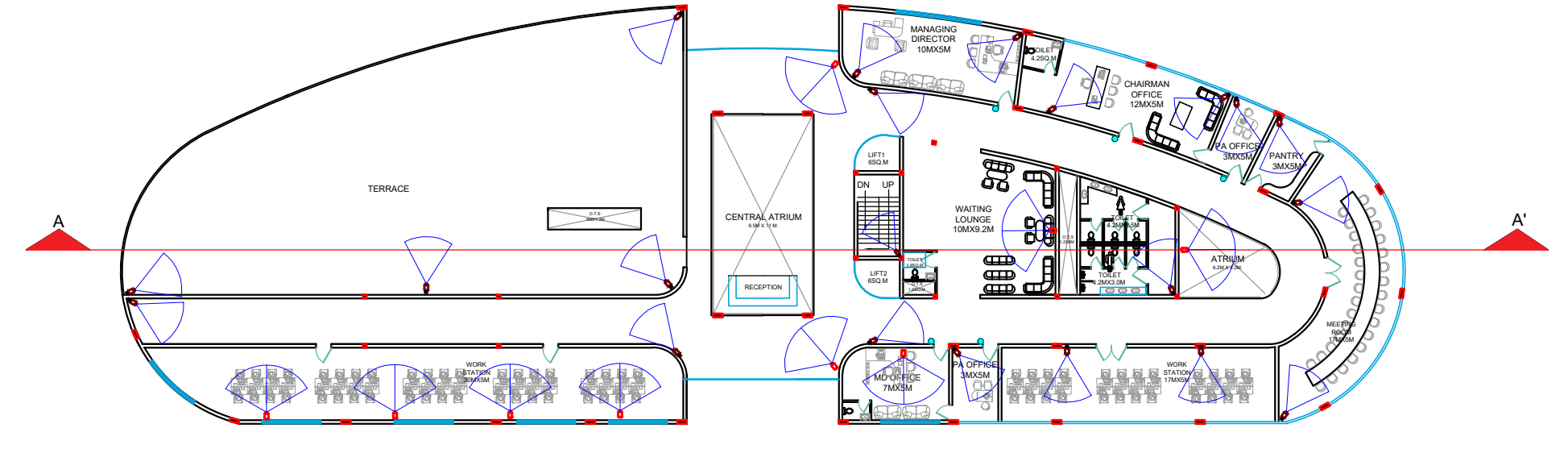
**INFRARED ILLUMINATORS**  
- BLACK DIAMOND TECHNOLOGY  
- ELIMINATE NIGHT TIME IMAGE HOTSPOT, FULL RANGE OF BEAM PATTERNS FOR COMPLETE AREA COVERAGE.  
- FOR ADEQUATE STREET LIGHT SYSTEM INSIDE THE BOUNDARY WALL WITHOUT DISTURBING LANDSCAPE LIGHTING.



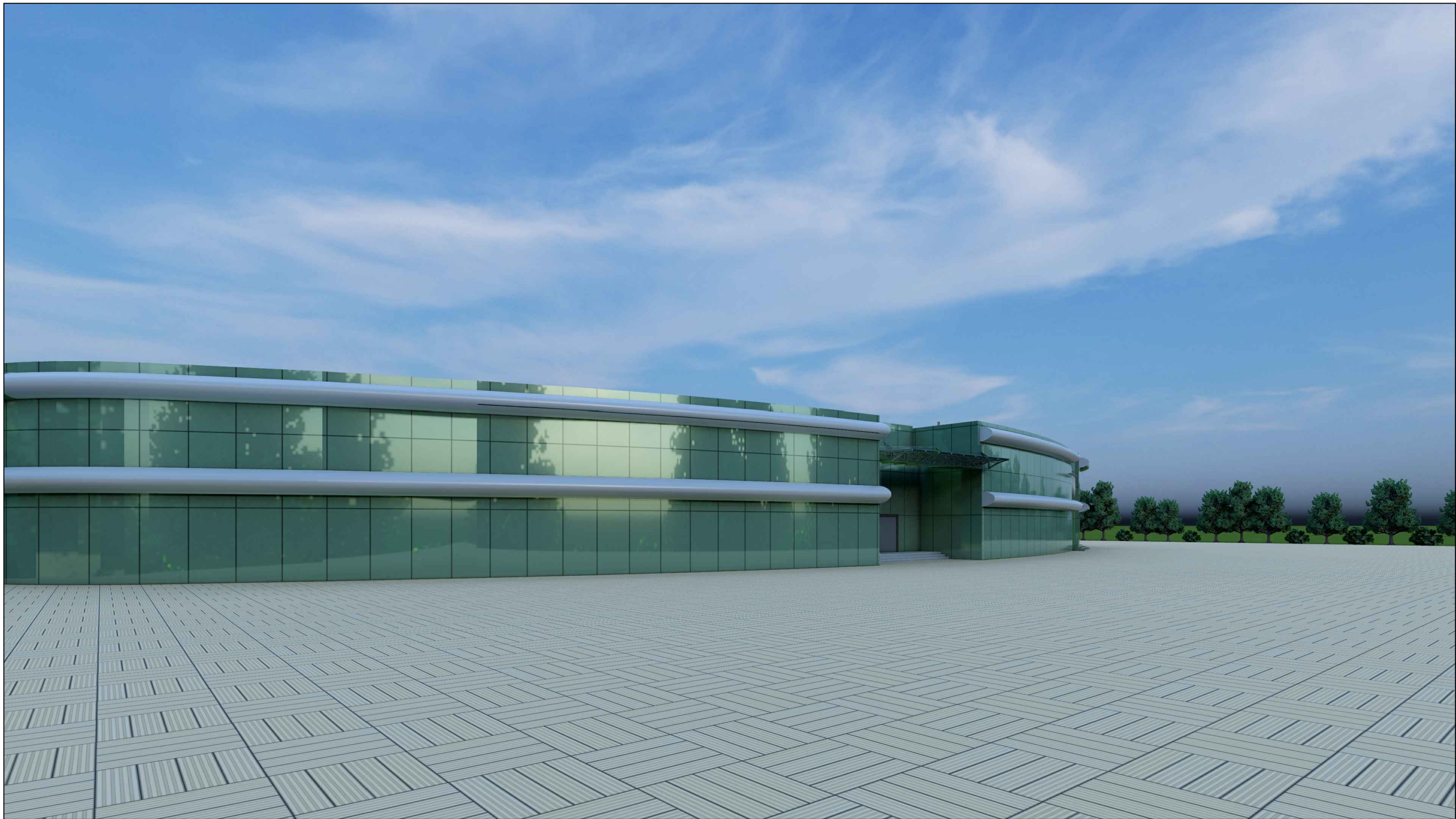
LEGEND		
Symbol	Name	Remark
	Closed circuit camera	as/specification
	Door frame metal detector	every entry/exit
	Hand held scanner	every entry/exit
	X-ray machine for bag scan	every entry/exit
	IR illuminators	as/specification
	Motion detectors	every entry/exit
	Card reader	every entry/exit of office blocks



GROUND FLOOR PLAN



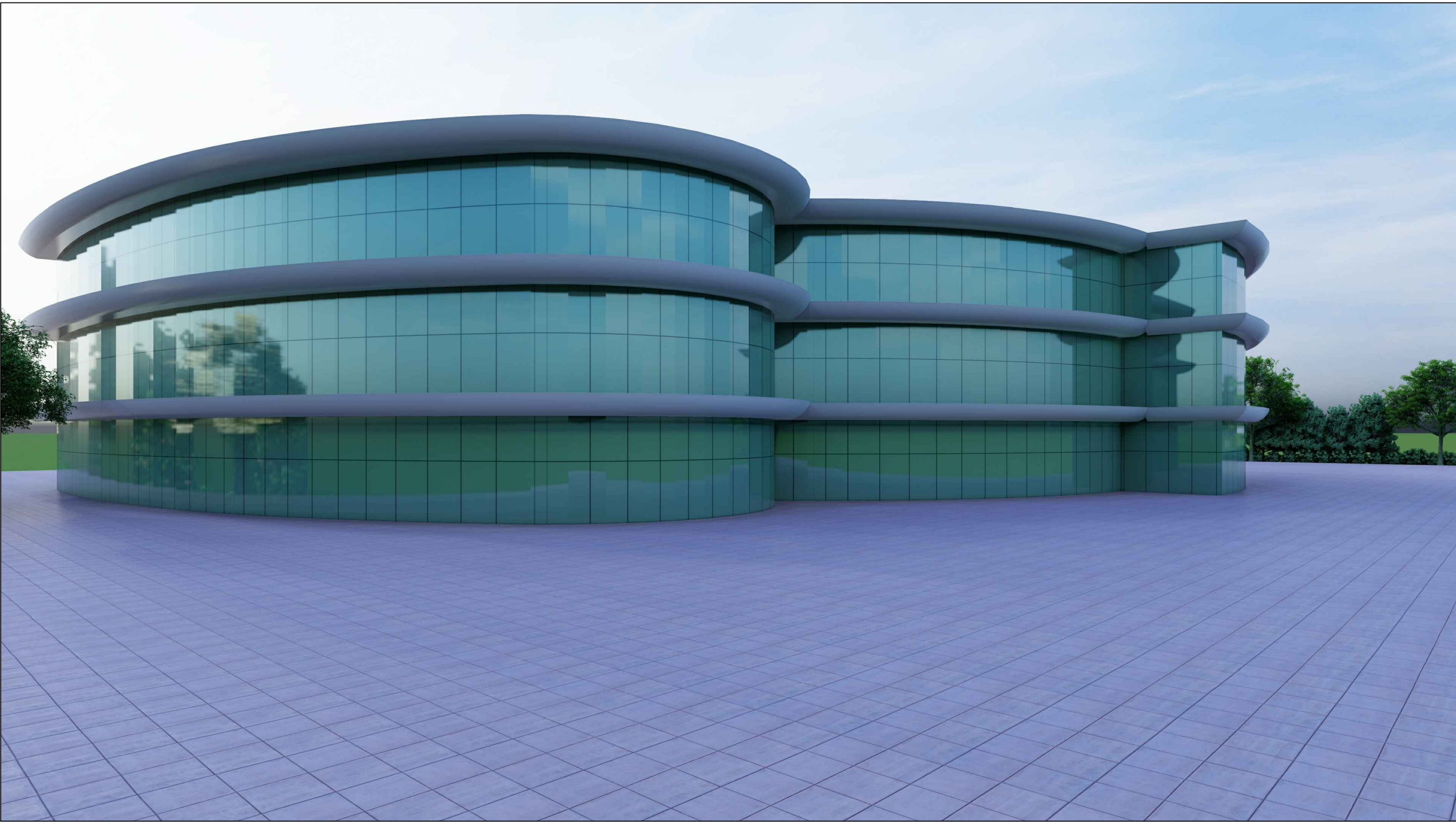




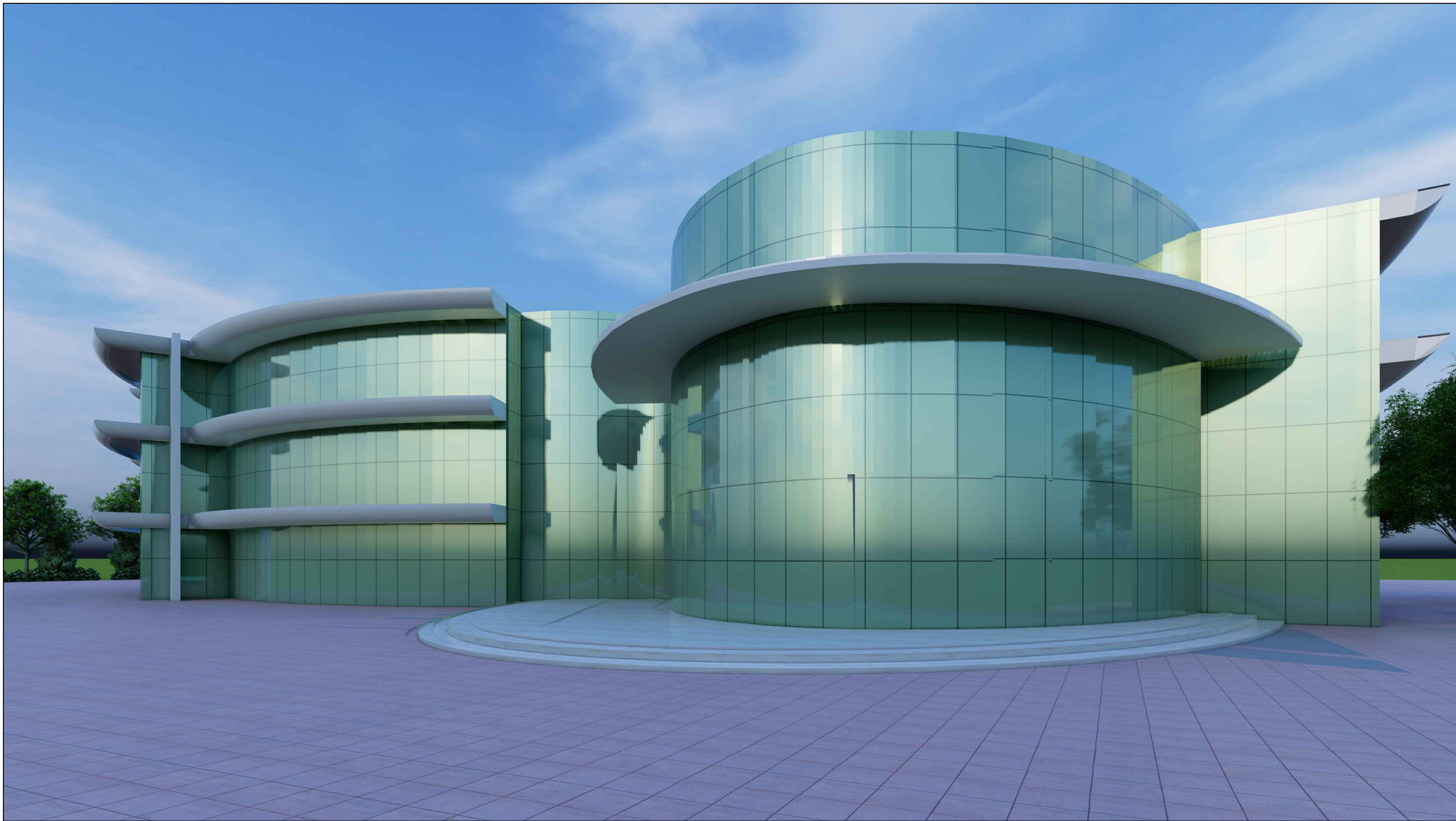
ADMINISTRATION SIDE VIEW



ADMINISTRATION FRONT VIEW

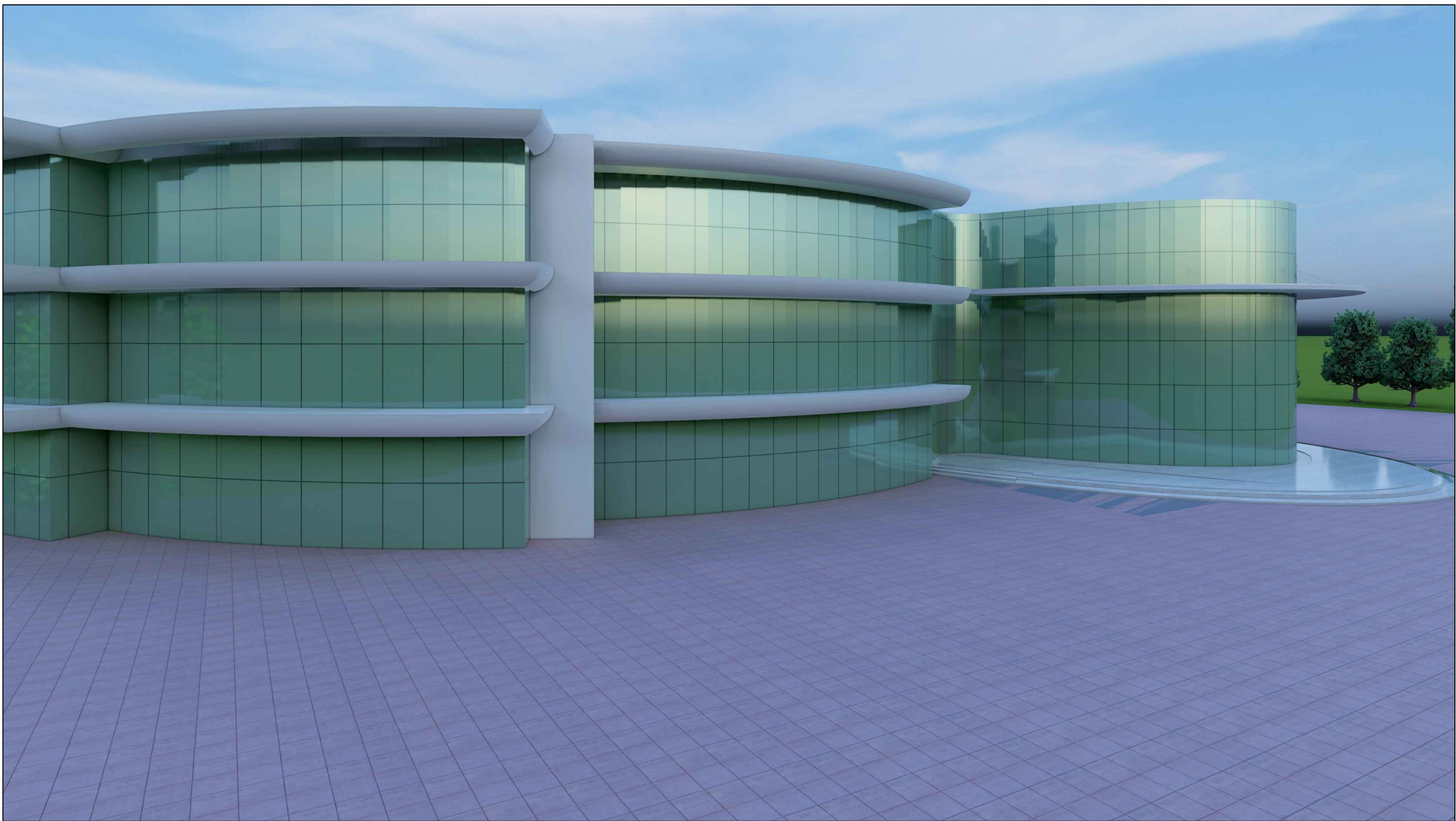


MULTIPLEX SIDE VIEW

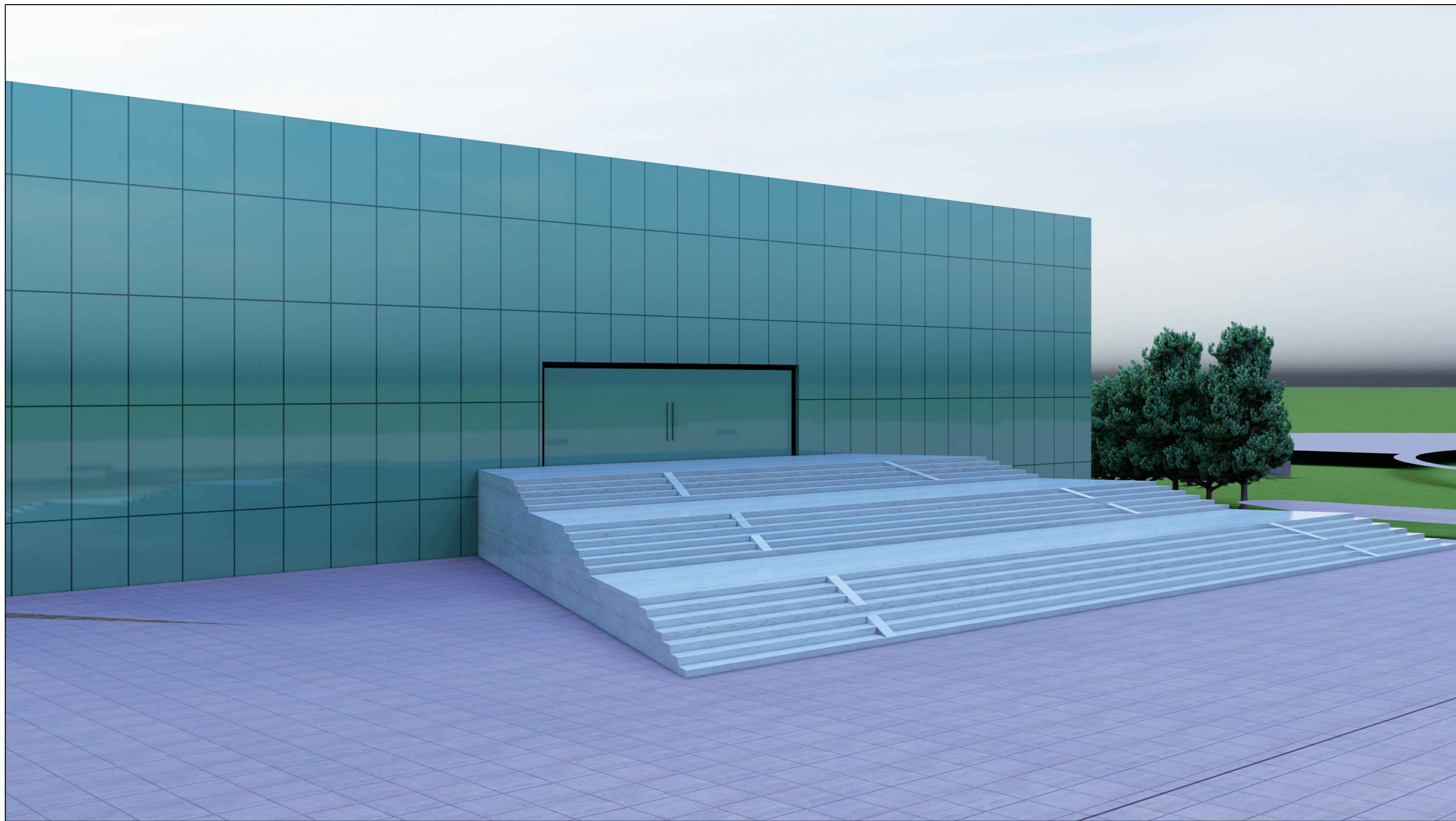


MULTIPLEX FRONT VIEW

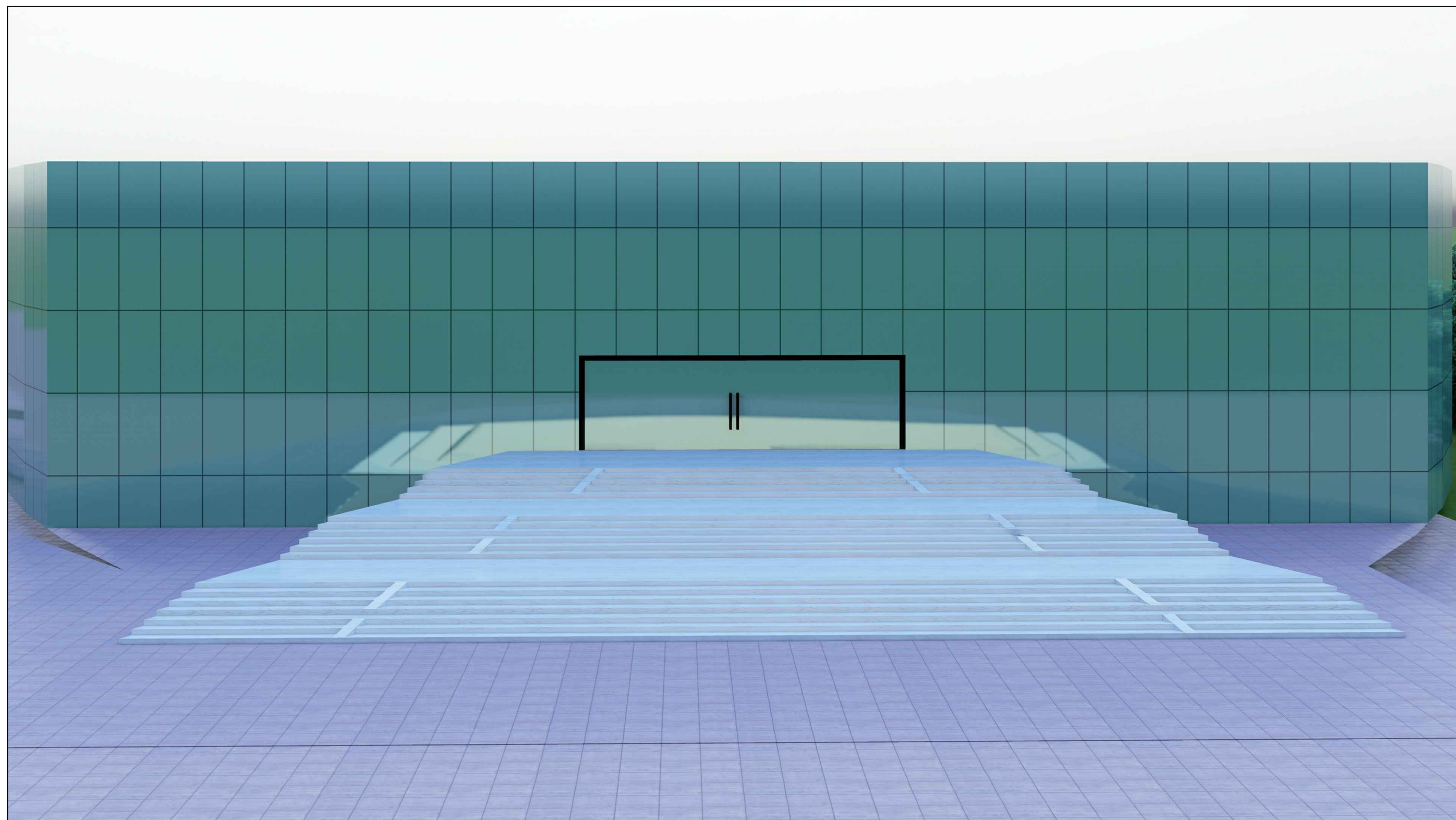




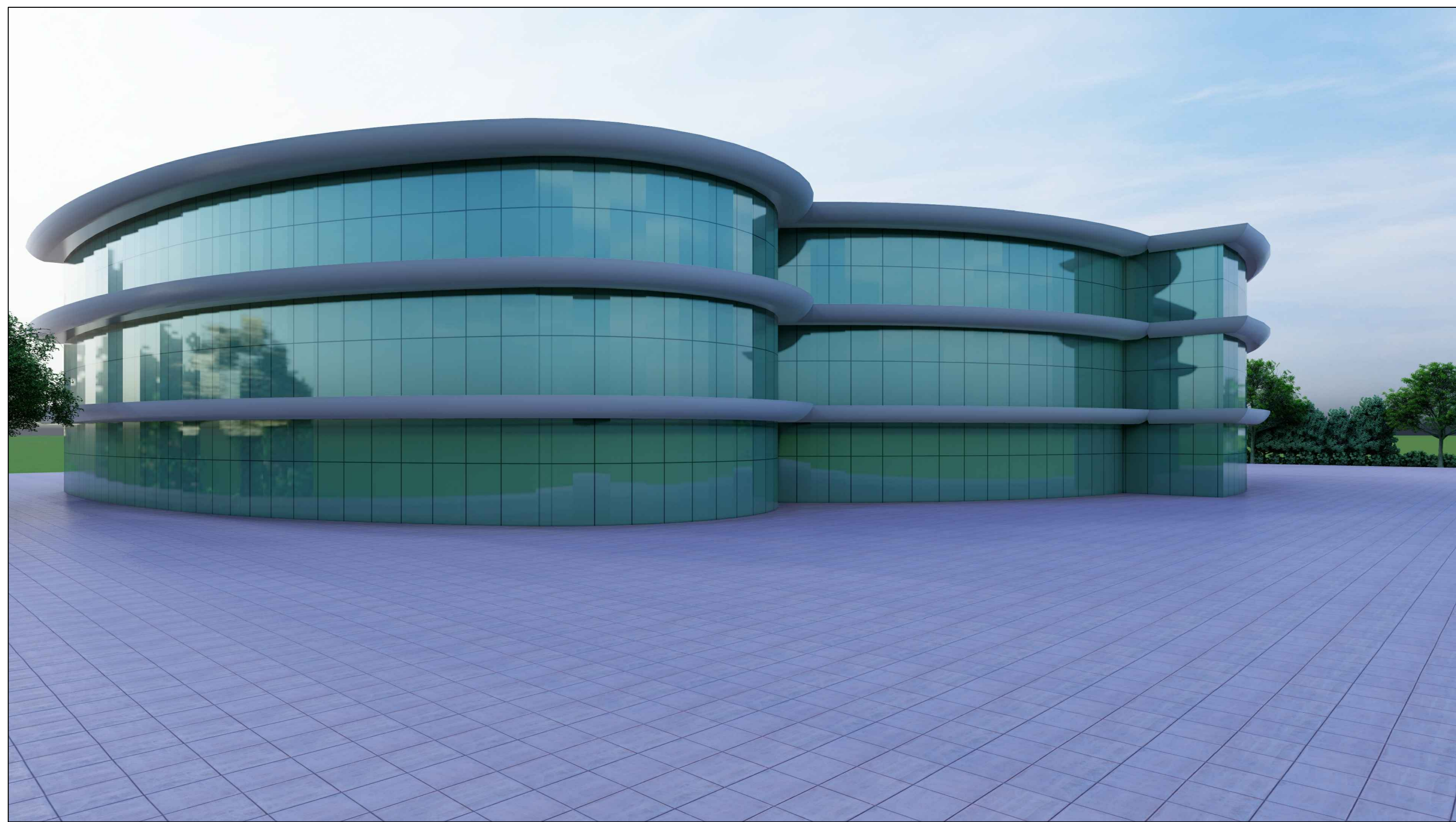
ADMINISTRATION SIDE VIEW



RED CARPET PLAZA VIEW



CONVENTION GRAND ENTRY VIEW



MULTIPLEX SIDE VIEW