

ISLAMIC CONVENTION CENTER
VASANT KUNJ , NEW DELHI

A thesis submitted in partial fulfillment of the requirement for the degree of
BACHELORE OF ARCHITECTURE IN ARCHITECTURE

by
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Enrollment no. 11501010029

under the supervision of
AR. VARSHA VERMA



SCHOOL OF ARCHITECTURE
BABU BANARASI DAS UNIVERSITY
LUCKNOW
2019-2020

DECLARATION

BY THE CANDIDATE

This thesis titled “ **ISLAMIC CONVENTION CENTER** “ in Delhi ; has been carried out by the undersigned as a part of bachelors programme in the department of architecture , school of architecture,bbdu , lucknow – 226021 UP , India , under the supervision of **AR. VARSHA VERMA** .

The undersigned here by declares that this is his original work and has not been copied in part or full from any source . futhermore this work has not been submitted for any degree in this or any university.

GUFRAN KHAN
5th year , b arch
school of architecture
lucknow

CERTIFICATE

BY THESIS GUIDE

This thesis was carried out during the month of **january – june 2020**, the tenth semester in the department of architecture of **school of architecture,bbdu,lucknow**, by the candidate **GUFRAN KHAN** under the supervision of **AR. VARSHA VERMA**

The undersigned here by certify that this work has been complete under their supervision with timely reviews and comments.

AR. VARSHA VERMA
5th year , b arch
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bbdu
lucknow

CERTIFICATE

This thesis was carried out during the month of january – june 2020 , the tenth semester in the department of architecture of school of architecture,bbdu ,lucknow , thereafter , based on the description by the candidate , the thesis was placed in front of the external jury held on 08th -10th june2020.

We hereby certify that the thesis report entitled “ islamic convention center “ New delhi ,india , prepared by gufran khan under our guidance, be accepted as a requirement for the partial fulfillment of bachlor of architecture course by the candidate , the undersigned here by accepts the thesis report on behafe of the department, so that it may be placed in the architecture library.

(Signatures of the Guide)

(Signatures: Dean)

Recommendation: Accepted

Not Accepted

Examiner 1

Examiner 3

Examiner 2

Examiner 4

Examiner 5

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BY CANDIDATES

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i have my greatest gratitute towards my mother and grandfather ,for loving me with emotional support throught the progress.

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- amphitheater
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SYNOPSIS

MY THESIS

My thesis is based on belief in educating people about islam , muslims , islamic art, and philosophy in general and particular about the mappila muslim community of delhi and in a way eradicating islamophobia. this centre also provides a learning space for student for islamic theology , philosophy and art.

SCOPE :

This thesis project will preserve the strenth and commitment of the culture community in DELHI.

NEED OF PROJECT

The project will stand to promote mutual understanding among the people of delhi and depicts the true face of islamic culture mecca masjid and other and other major building represent the most significant and influential culture of delhi and having an islamic convention center adjacent to it will increase its value this thesis project will preserve the strenth and commitment of the islamic community in delhi

PROPOSAL

The Centre is proposed by the Delhi Development Authority to promote.

LIST OF ABBREVIATIONS

mm – millimeter

m - meter ; 1 m =1000 mm

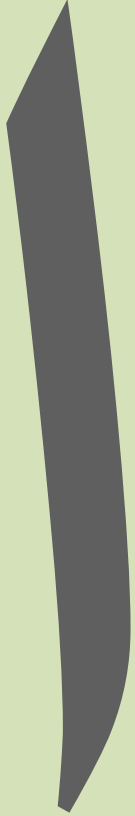
sqm – square meter ; 1 sqm= 1 m x 1m

hicc – hyderabad international
convention center

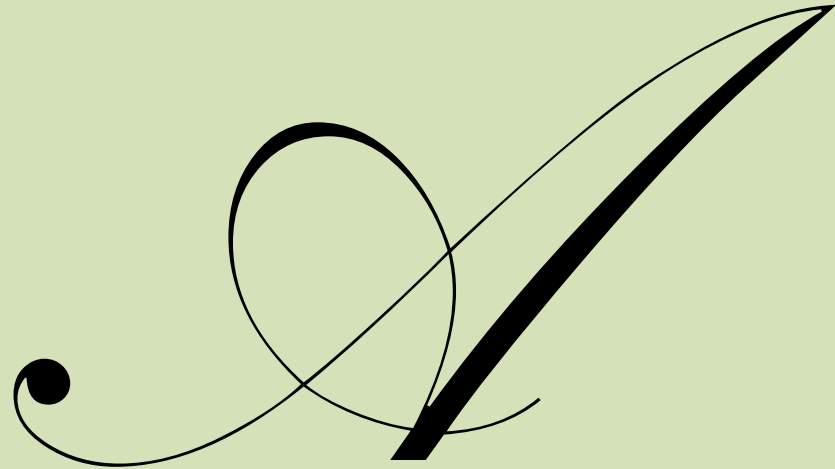
iscc - indian islamic cultute center

swot- strength , weakness ,
opportunity , threat

icc – islamic convention center



design investigation



INTRODUCTION

A **ISLAMIC CONVENTION CENTER** IS A LARGE BUILDING THAT IS DESIGNED TO HOLD A CONVENTION, WHERE INDIVIDUALS AND GROUPS GATHER TO PROMOTE AND SHARE COMMON INTERESTS. CONVENTION CENTERS TYPICALLY OFFER SUFFICIENT FLOOR AREA TO ACCOMMODATE SEVERAL THOUSAND ATTENDEES. VERY LARGE VENUES, SUITABLE FOR MAJOR TRADE SHOWS, ARE SOMETIMES KNOWN AS EXHIBITION CENTRES. CONVENTION CENTERS TYPICALLY HAVE AT LEAST ONE AUDITORIUM AND MAY ALSO CONTAIN CONCERT HALLS, LECTURE HALLS, MEETING ROOMS, AND CONFERENCE ROOMS. SOME LARGE RESORT AREA HOTELS INCLUDE A CONVENTION CENTER. JUMEIRAH BEACH HOTEL AND CONFERENCE CENTRE, DUBAI AND COVENTION AND EVENTS CENTRE, ESTEL HOTEL, BERLIN ARE TWO OF THE MOST IMPRESSIVE CONVENTION HOTELS.

THE MICE INDUSTRY

THE MICE THE TYPE TOURISM IN WHICH LARGE GROUP USUALLY PLANED WELL IN ADVANCE ARE BROUGHT TOGETHER FOR A PARTICULAR PURPOSE. MICE IS AN ACRONYM FOR THE MEETINGS, INCENTIVES, CONVENTION AND EXHIBITION TOURISM SEGMENT.

THIS IS THEREFORE A BUSINESS- ORIENTED SEGMENT, INVOLVING OBLIGATORY (FOR NON DISCRETIONARY) TRAVELS. THE INCENTIVE PART OF MICE IS THE ODD ONE OUT – THOUGHT IT IS RELATED TO BUSINESS. AS IT IS USUALLY PROVIDED TO EMPLOYEES OR DEALERS/DISTRIBUTORS AS A REWARD IT TENDS TO BE LEISURE BASED.



MEETING :
COMING TOGETHER FOR A SPECIFIC REASON.



CONFERENCES :
A MEETING FOR CONSULTATION OR DISCUSSION.



INCENTIVES :
AN INITIATIVE THAT MOTIVATES.



EXHIBITION :
A PUBLIC DISPLAY.

NEED FOR A ISLAMIC CONVENTION CENTER

DELHI HAS A 35% SHARE OF THE INTERNATIONAL CONVENTIONS AND MEETING S BEING HOSTED IN INDIA. IT HOSTED 37 INTERNATIONAL CONVENTIONS IN 2003 OUT OF TOTAL OF 101 INTERNATIONAL CONVENTIONS HOPSTED IN INDIA.IT HOSTS APPROXMATELY 110 EXHIBITION ,525 MAJOR CONVENTIONS AND NEARLY 11000 CONFERENCES EVERY YEAR.

NEED OF PROJECT

THE PROJECT WILL STAND TO PROMOTE MUTUAL UNDERSTANDING AMONG THE PEOPLE OF DELHI AND DEPICTS THE TREU FACE OF ISLAMIC CULTURE MECCA MASJID AND OTHER AND OTHER MAJOR BUILDING REPRESENT THE MOST SIGNIFICENT AND INFLUENTIAL CULTURE OF DELHI AND HAVING AND ISLAMIC CONVENTION CENTER ADJCENT TO IT WILL INCREASE ITS VALUE THIS THESIS PROJECT WILL PRESERVE THE STRENGTH AND COMMITMENT OF THE ISLAMIC COMMUNITY IN DELHI.

CHARACTERSTICS OF DELHI MARKET:

DELHI HAS OWN UNIQUE CLIMATE AND CULTURE THAT IMPACT THE TIMING OF THE CONVENTIONS AND EXHIBITIONS HELD IN THE CITY . GIVEN THE EXTREMES HEAT FROM EXPERIENCED BY DELHI DURING APRIL- AUGUST , THE ISLAMIC CONVENTION CENTER ARE HELD FROM SEPTEMBER TO MARCH (PEAK SEASON) MORE THAN 70% OF THE DOMESTIC EVENTS ALSO HELD IN THESE MONTHS. TRADE SHOWS ALSO FOLLOW ARE DISTINCTLY SEASONAL PATTERN WITH THE PEAK PERIODS BEING FROM SEPTEMBER TO MARCH. NEARLY 75 % OF ALL EXHIBITIONS HELD IN DELHI ARE HOSTED IN THE PAEK SEASON.

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project discription

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PROJECT PROPOSAL

THE PROPOSED SITE IS LOCATED ON ABDUL GAFFAR MARG (VASANT KUNJ MARG), OPPOSITE C8 BLOCK OF THE VASANT KUNJ, NEW DELHI. THE CENTRE IS PROPOSED BY THE DELHI DEVELOPMENT AUTHORITY.

PROJECT LOCATION:

THE PROPOSED SITE IS LOCATED ON ABDUL GAFFAR MARG (VASANT KUNJ MARG), OPPOSITE C8 BLOCK OF THE VASANT KUNJ, NEW DELHI.

AREA = 11.25 ACRES

•LAND USE ON SITE

SITE COMES UNDER PUBLIC AND SEMI-PUBLIC ZONE.

ABOUT SITE LOCATION

- THE SITE IS LOCATED IN VASANT KUNJ, NEW DELHI.
- THE SITE IS NEAR TO SULTAN GHARI'S TOMB AND QUTUB MINAR.
- INSTITUTIONS, AND PUBLIC PLACES ARE SURROUNDING THE SITE.
- RESIDENTIAL AREA LOCATED NEAR THE SITE ARE THE OTHER RESIDENTIAL AREAS IN PROXIMITY ARE CHATTARPUR, SAKET, MALVIYA NAGAR, MAHIPALPUR, LADO SARAI, BER SARAI AND NEBSARA.



LINKAGES ON SITE

FRONT : ABDUL GAFFAR MARG

EAST SIDE : PROPOSED ROAD (NOW KUCHHA ROAD)

https://www.thehindu.com/news/cities/Delhi/DDA-to-develop-six-world-class-socio-cultural-centres-in-city/article14584967.ece

DDA to develop six world-class socio-cultural centres in city

SHARE ON

Centres to be set up on the lines of Delhi's culture hub, Mandi House complex

The Delhi Development Authority (DDA) is going to set up six 'socio cultural centres' in the city on the lines of Delhi's culture hub, the Mandi House complex.

These centres will be developed within existing district centres at Dwarka (Sector-11, area 10 acres), Rohini (District Centre-II, area 11.25 acres), Pitampura (Netaji Subhash Place, area 1.5 acres), Shahdara (Central Business District, area 1.5 acres), Mayur Vihar (District Centre, area 2 acres) and Vasant Kunj (near Sultan Garhi Tomb, area 11.25 acres), a DDA spokesperson said.

"The proposed centres would be centres of excellence for promotion of various visual arts such as painting, sculpture and ceramics and performing arts like music, dance and theatre," the spokesperson said. "Each centre will have a specialised role in promoting and training people in visual and performing arts. Some centres may also provide training in culinary arts," he said.

SCHEDULE FOR PAYMENT OF ADVANCE TAX

Due Date	Amount
30th September, 2018	75% of the Advance Tax payable
31st October, 2018	25% of the Advance Tax payable

Should non-payment or delay in payment of Advance Tax will result in levy of interest

Trending in Delhi

Delhi Plea seeks entry of women inside Nizamuddin dargah

Delhi 'Who is stopping the VHP from building a Ram temple?'

Delhi Watch: What happened at Delhi Comic Con 2018

Delhi With an eye on LS polls, AAP to launch door-to-door drive this week



THE LAND USE MAP OF NEW DELHI INDICATING THE LOCATION AND SURROUNDINGS OF THE PROPOSED ISLAMIC CONVENTION CENTER



SITE COMES UNDER PUBLIC AND SEMI-PUBLIC ZONE

UNDERSTANDING CONVENTIONS

A **CONVENTION CENTER** IS A LARGE BUILDING THAT IS DESIGNED TO HOLD A CONVENTION, WHERE INDIVIDUALS AND GROUPS GATHER TO PROMOTE AND SHARE COMMON INTERESTS. CONVENTION CENTERS TYPICALLY OFFER SUFFICIENT FLOOR AREA TO ACCOMMODATE SEVERAL THOUSAND ATTENDEES. VERY LARGE VENUES, SUITABLE FOR MAJOR TRADE SHOWS, ARE SOMETIMES KNOWN AS EXHIBITION CENTRES. CONVENTION CENTERS TYPICALLY HAVE AT LEAST ONE AUDITORIUM AND MAY ALSO CONTAIN CONCERT HALLS, LECTURE HALLS, MEETING ROOMS, AND CONFERENCE ROOMS. SOME LARGE RESORT AREA HOTELS INCLUDE A CONVENTION CENTER. JUMEIRAH BEACH HOTEL AND CONFERENCE CENTRE, DUBAI AND COVENTION AND EVENTS CENTRE, ESTEL HOTEL, BERLIN ARE TWO OF THE MOST IMPRESSIVE CONVENTION HOTELS.

AN ISLAMIC CONVENTION CENTER IS SPECIFICALLY DESIGNED TO HOLD RELIGIOUS CONVENTION . IT WILL BE A COMMON PLACED TO SHARE AND EXPLORE RELIGIOUS VALOUS AND PASS CERTAIN NORMS ISLAMIC SCHOLARS FROM ALL OVER THE COUNTRY WILL TAKE PART IN DISCUSSION FOR COMMUNITY”S UPLIFTMENT.

ISLAMIC CONVENTION CENTER - PROJECT BRIEF

AN ISLAMIC CONVENTION CENTER IS SPECIFICALLY DESIGNED TO HOLD RELIGIOUS CONVENTION. IT WILL BE COMMON PLACE TO SHARE AND EXPLORE RELIGIO VALOUS AND PASS CERTAIN NORMS ISLAMIC SCHOLARS FROM ALL OVER THE COUNTRY WILL TAKE PART IN DISCUSSION FOR COMMUNITY’S UPLIFTMENT

BASIC REQUIRMENT:

- SPACE FOR OFFERING NAMAZ (MOSQUE)
- CONFERENCE ROOM
- MEDIA CONFERENCE HALL
- RESTAURENT
- LIBRARY
- AUDITORIUM
- AMPHITHEATER
- CONVENTION HALL
- ART GALLERY
- HEALTYH CLUB
- SEMINAR HALL

PROJECT AIM :

THE AIM OF THE THESIS IS TO DESIGN UNIQUE SPACES TO MAKE PEOPLE VISIT FROM DIFFERENT CITIES AND COUNTRIES TO ATTEND CONFRENCE AND EXHIBITIONS. TO CREATE A LANDMARK THROUGH UNIQUE ARCHITECTURAL DESIGN.

OBJECTIVE:

- TO CFREATE A PLACE FOR SOCIAL AND CULTURAL GATHERING.
- TO CREATE A VENUE FOR EXIBITION AND INTERACTION.
- TO CREATE INTERACTIVE SPACES AND LANDSCAPINGTO GENERATE PUBLIC INTEREST.

S.NO	COMPONENTS	SPACE ANALYSIS
	PUBLIC USE	
1	Entrance	Users: delegates, performers and staff. Description: <ul style="list-style-type: none"> •The major connectivity between the various component of the islamic convention center. •It acts as an ideal space for delegates to network.
2	toilet	Users: all occupants Description: <ul style="list-style-type: none"> •The size and quantity of the toilet to be provided shall be decided on accordance to NBC standard. •they shall be provided for peak capacity
3	Exhibition hall	Users: all occupants Description: <ul style="list-style-type: none"> •Trade relative promoters takes partin the trade show to promote their products. •Large span structure and column free space are required for these promotions. •Crowd management of such components become necessary.
4	Mosque	Users: all occupants
5	Art gallery	Users: all occupants
	SEMI PUBLIC USE	
5	Auditorium	Users: delegates, performers and local public. Description: <ul style="list-style-type: none"> •The purpose of auditorium is to accommodate large scale gatherings for various events like drama and delegations. •The design of the auditorium shall be evolved accordance to various standard guidelines subjected to auditorium design.
6	Conference room	Users: delegates and staff Description: <ul style="list-style-type: none"> •They hold meeting and shall company training sessions
7	Seminar room	Users: delegates and staff Description: <ul style="list-style-type: none"> •They are ideal for small scale events like workshops , training sessions , press conferences, etc.
8	Public amenities	Users: delegates Description: <ul style="list-style-type: none"> •They includes smoking lounges , ATM, phone booths etc. •Only people attending any event in the convention center shall have an access to these amenities.
9	Health club	Users: delegates and staff

	PRIVATE USE	page no. 06
10	ADMINISTRATIVE OFFICES	USERS: STAFF OF THE ICC DESCRIPTION: •IT CONTAINS OFFICES FOR THE ICC WHICH HANDLES THE GENERAL FUNCTIONING OF THE BUS TERMINAL.
11	LIBRARY	USERS: DELEGATES AND STAFF
12	CONTROL ROOM	USERS: STAFF DESCRIPTION: •THE CONTROL ROOM WILL MONITOR THE OVERALL FUNCTIONING OF THE ICC
	SERVICE AREAS	
13	PARKING	USERS: ANY ONE VISITING ICC DESCRIPTION: •CAR AND BUS PARKING AS PER NORMS LAID BY NBC AND DDA
14	LOADING DOCKS/BAYS	USERS: STAFF DESCRIPTION: •THEY FORM A CRUCIAL PSRT FOR LOADING/UNLOADING PURPOSE IN THE EXHIBITION PAVILIONS.
15	SERVICE BLOCK AC PLANT SUBSTA: MAINTAINENECE DEPTT.	USERS: STAFF

PUBLIC MOVEMENT PATTERN FOR ICC:

COMMUNICATION AND FUNCTIONALITY CAN BE IMPROVED BY IMPLEMENTING EFFICIENT CIRCULATION PATTERNS IN A ICC. PEOPLE VISITING OR WORKING IN A CONVENTION CENTER CAN BE DIVIDED INTO 5 BROAD USER CATEGORIES.

- PUBLIC FLOW
- DELEGATES FLOW
- VIP FLOW
- JOURNALIST FLOW
- STAFF FLOW

DELEGATES FLOW:

DELEGATES FLOW THE MOST IMPORTANT GROUP OF USERS FOR A ISLAMIC CONVENTION CENTER, THE PARKING SHALL LEAD THEM TO THE MAIN ENTRANCE FOYER WHICH FURTHER DIRECTS THEM TO THEIR DESTINATION . AN UNOBSTRUCTURE DELEGATE MOVEMENT IS VERY IMPORTANT.

PUBLIC FLOW:

DIGNIFIED PERSONALITIES ARE INVITED DEPENDING ON THE NATURE OF CONFERENCE . IT CAN ALSO RELATIVES AND PUBLIC GUEST INVITED BY THE ORGANISATION. THE PUBLIC GUEST ALSO HAVE ACCESS TO THE EXHIBITION AREAS AND HENCE THESE AREAS SHALL HAVE A SEPARATE ACCESS TO MANAGE THE PUBLIC FLOW DURING PEAK HOURS EFFICIENTLY.

VIP FLOW:

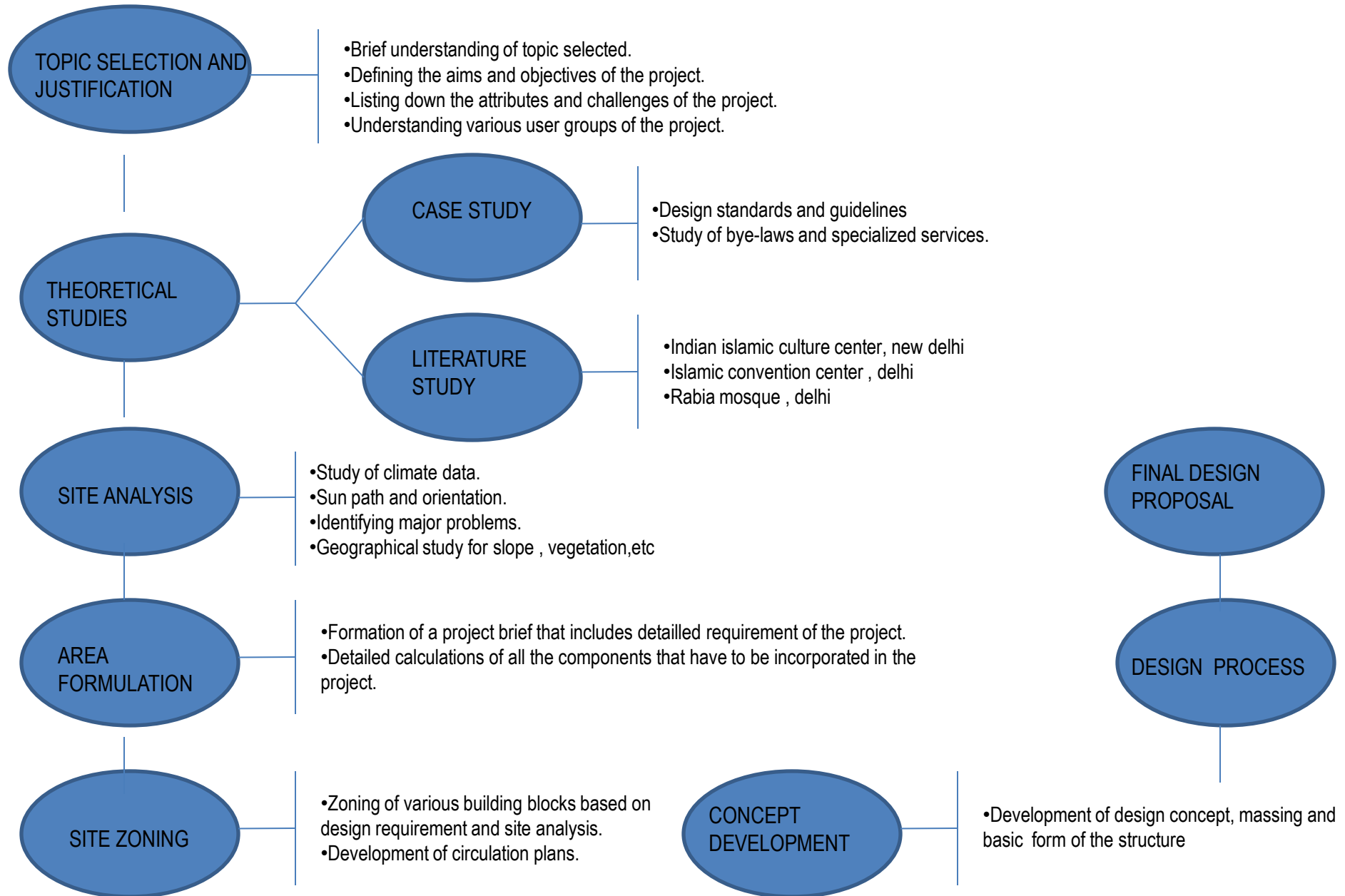
THEY SHALL EITHER DIRECTLY LEAD TO THE Dais OF THE MAIN HALL OR SHALL ENTRY THROUGH THE VIP ENTRANCE WHICH IS CONNECTED TO A VIP LOUNGE.

STAFF FLOW:

THE STAFF DIVIDED INTO TWO CATEGORIES NAMELY TECHNICAL STAFF WHO ARE RESPONSIBLE FOR THE EFFICIENT WORKING OF THE ICC WHILE THE OTHERS ARE THE ADMINISTRATIVE STAFF WHO ARE EXPOSED TO THE PEOPLE COMING TO THE CENTER. THE PATHS OF THE TECHNICAL AND ADMINISTRATIVE STAFF ENTRANCE .

JOURNALIST FLOW:

IT INCLUDES PRESS PEOPLE, CAMERAMAN AND DIPLOMATES . THEY SHALL HAVE A DIRECT ACCESS TO THE DOCUMENTATION CENTER AND THE TV STUDIO OF THE ICC .





case and literature study



INDIAN ISLAMIC CULTURAL CENTER

PROJECT DATA:

LOCATION: INDIAN ISLAMIC CULTURE CENTER IS LOCATED ON THE MAIN **LODHI ROAD**, **ADJACENT TO HISTORIC LODHI GARDEN** IN THE CAPITAL CITY OF DELHI, INDIA.

CLIENT: OLD BOYS ASSOCIATION, ALIGARH MUSLIM UNIVERSITY

ARCH. DESIGN: AR. ARUN PATWAL & AR. J R BHALLA

SITE AREA: TWO & HALF ACRES (11.117) SQ.MTS



ABOUT IICC:

THE END OF THE 14TH HIJRA, WAS SIGNIFICANT EVENT WHICH WAS CELEBRATED ALL OVER THE WORLD BY THE MUSLIMS. INDIA BEING THE SECOND MOST POPULOUS COUNTRY IN TERMS OF MUSLIM POPULATION, ALSO TOOK AN ACTIVE PART IN THE CENTENARY CELEBRATIONS. KEEPING IN MIND THE IMPORTANCE OF THE EVENT, THE GOVT. OF INDIA SET UP A COMMITTEE UNDER THE CHAIRMANSHIP OF JUSTICE MR. M. HIDAYATULLAH, THE THEN VICE-PRESIDENT OF INDIA, TO ORGANIZE THE CELEBRATIONS. THE HIJRA ERA CELEBRATIONS COMMITTEE DID A COMMENDABLE JOB & ORGANIZED MANY FUNCTIONS, HIGHLIGHTING THE IMPORTANCE OF EVENT.

(1) THE THEN PRIME MINISTER OF INDIA OF SMT. INDIRA GANDHI RELEASED A POSTAL STAMP ON 3RD NOVEMBER 1980 COMMEMORATING THE EVENT.

(2) AN INTERNATIONAL SEMINAR ON “**ISLAMIC CONTRIBUTION TO THE CULTURE AND CIVILIZATION OF THE WORLD, WITH SPECIAL REFERENCE TO INDIA**” WAS ORGANIZED IN JANUARY 1981 AT NEW DELHI.

(3) AN INTERNATIONAL QIRAAT COMPETITION AND SEVERAL OTHER FUNCTIONS WERE ORGANIZED. IT WAS DURING THE CENTENARY CELEBRATION, THAT THE IDEA TO SET UP AN INDIA ISLAMIC CULTURAL CENTRE IN THE CAPITAL CITY, NEW DELHI, WAS CONCEIVED. TO TRANSLATE THIS DREAM, CAUSE INTO REALITY, MANY RENOWNED PERSONALITIES OF INDIA INCLUDING SOME OF THE PROMINENT OLD BOYS OF ALIGARH MUSLIM UNIVERSITY, PLAYED A MAJOR ROLE.



AREA DETAIL:

SITE AREA :

GROUND COVERAGE :30%

BASEMENT :1466.2 sq.mt.

FIRST FLOOR:1762.9 sq.mt.

TOTAL BUILD UP AREA: 5151.6sq.mt

MAHARANA PRATAP AIRPORT : 2.5 KMS

ISBT : 13.3 KMS

NEAREST METRO STATIONS JOR BAGH- 1 KM

LOCAL BUS STOP SARAI KALE KHAN - 6.4 KMS

NEW DELHI RAILWAY STATION : 5.9 KMS

OPEN SPACE:

- THE OPEN AREA ON THE WESTERN SIDE OF THE BUILDING AS USED AS A SITE FOR ORGANISING PARTIES.
- THIS SITE IS KEPT SLOING THE BANQUET HALL AND THE KITCHEN.
- THERE IS A PRIVATE COUTYARD ADJACENT TO THE RESIDENTIAL ZONE.



LANDSCAPE IS THE BACKSIDE OF BUILDING



STEP CONNECTING THE BACKYARD TO THE RECEPTION

CIRCULATION:

- SINCE SEPARATE ENRTY FOR AUDITORIUM AND CONFERENCE HALL IS PROVIDE,OVER CROWDING CAN BE CONTROLLED.

SERVICES :

- SEPARATE ENTRY FOR SERVICE LIKE FIRE EXHAUSTS , KITCHEN, SERVICING ETC.
- COFFEE SHOP IS KET IN THE FIRST FLOOR SO THE PEOPLE COMING OUT FROM THE AUDITORIUM MCAN ACCESS THEM.

STRUCTURAL STYTEM:

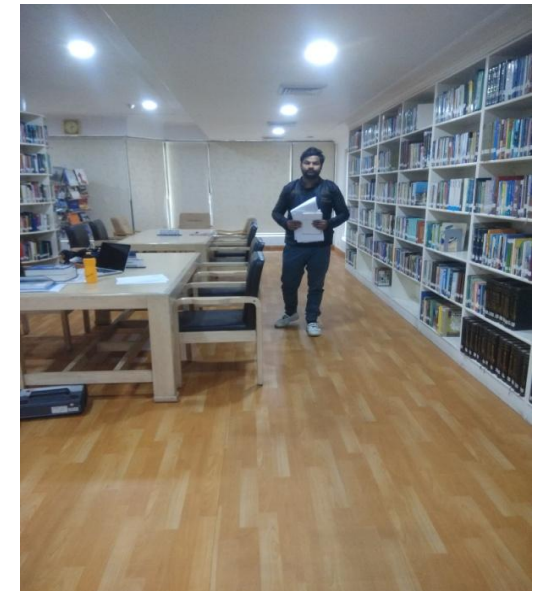
- FOR SHORTER SPANS RCC COLOUMNS THE SIZE 500 MM X 500 MM IS USED, FOR SPANNING DISTANCE OF ABOUT 4M.
- FOR LARGER SPANS 800MM DIA COLUMNS OF RCC SPANNING 6 M , AND ALSO SUPPORTS THE CENTRAL DOME WITH A CYLINDRICAL BASE.



INSIDE VIEW OF DOME FROM THE ENTRANCE LOBBY

MATERIALS:

- BRICK AND CONCRETE
- RED STANDSTONE CLAD EXTERIOR
- MARBLE INTERIOR FLOORING WITH GRANITE LINING.



LIBRARY

SALIENT FEATURES:



AUDITORIUM –

- SEATING CAPACITY: 300 PERSONS
- THEATER STYLE: STATE OF – THE – ART THEATER STYLE
- FACILITIES: FULLY AIR-CONDITIONED STATE OF THE ART AUDIO VISUAL EQUIPMENTS
- GREEN ROOM: TWO GREEN ROOMS WITH ALL REQUIRED FACILITIES
- STAGE SIZE: 32 X 24 FT
- OUTSIDE AUDITORIUM SPACE UTILISATION: LOBBY OUTSIDE THE AUDITORIUM COULD BE UTILIZED FOR REGISTRATION/DISPLAY COUNTERS
- TYPE OF PROGRAMME CAN DO: CONFERENCES, SEMINARS, LECTURES, THEATRES, FILM SCREENING & VARIOUS CULTURAL ACTIVITIES ETC CAN BE ORGANIZED.

CONFERENCE HALL I –

- SEATING CAPACITY---85 PERSONS (FIX SEATS)
- PROJECT ROOM---SOUND SYSTEM WITH SEPARATE CABIN FOR PA SYSTEM
- SOUND---COMPLETE AUDIO – VISUAL FACILITIES LIKE MICROPHONES, SCREEN, LAPTOP, AUDIO RECORDING ETC.
- FACILITIES---. FULLY AIR CONDITIONED . CLASS ROOM STYLE FIXED SEATS . WHITE BOARD / SCREEN INSTALLED FOR USAGE AS PER THE REQUIREMENT.
- . MINUTES RECORDING AUDIO/VISUAL (ON DEMAND).
- PROJECTOR---LCD PROJECTOR
- STAGE---THE DIAS FOR FIVE PERSONS IS FIXED WITH PODIUM
- TYPE OF PROGRAMME CAN DO---IDEAL FOR CONFERENCES, LECTURES, TALKS, BOOK RELEASES, PRESS CONFERENCES ETC

CONFERENCE HALL II –

- SEATING CAPACITY---45 PERSONS (FIX SEATS)
- SOUND---COMPLETE AUDIO – VISUAL FACILITIES LIKE MICROPHONES, SCREEN, LAPTOP, AUDIO RECORDING ETC.
- FACILITIES---. FULLY AIR CONDITIONED . CLASS ROOM STYLE FIXED SEATS . WHITE BOARD / SCREEN INSTALLED FOR USAGE AS PER THE REQUIREMENT.
- . MINUTES RECORDING AUDIO/VISUAL (ON DEMAND).
- PROJECTOR---LCD PROJECTOR
- TYPE OF PROGRAMME CAN DO---BEST SUITABLE FOR RESIDENTIAL WORKSHOPS, MEETINGS, CONFERENCES, ARBITRATION MEETINGS, PRESS CONFERENCES ETC.



BOARD ROOM

SEATING CAPACITY---16 PERSONS (FIX SEATS)

- FACILITIES**--- . FULLY AIR CONDITIONED
- . ROUND SHAPE SITTING
- . WHITE BOARD / SCREEN

INSTALLED FOR USAGE AS PER
THE REQUIREMENT.
. ONLY PLACE WHERE
REFRESHMENTS / TEA CAN BE SERVED DURING
THE MEETING

- PROJECTOR**---LCD PROJECTOR
- STAGE**---THE DIAS FOR FIVE PERSONS IS
FIXED WITH PODIUM
- TYPE OF PROGRAMME CAN DO**---BEST
SUITABLE FOR RESIDENTIAL WORKSHOPS,
MEETINGS AND ARBITRATIONS ETC



GOLDEN COURTYARD (OPEN)

CAPACITY---75

- TYPE OF PROGRAMME CAN DO**---
OPEN AIR EXHIBITIONS CAN BE
ORGANIZED



RESTAURANTS "DILLI DASTARKHWAN

CAPACITY: 78 DINNERS



AMPHITHEATER (OPEN)

CAPACITY: 200 PERSON



LIBRARY

CAPACITY---80 PERSONS



NO. OF ROOM -30



BANQUET HALL (AC)

CAPACITY---150 PERSONS WITH SITTING / 150
PERSONS STANDING

- FACILITIES**--- . FULLY AIR

CONDITIONED



MAIN LAWN (OPEN)

- CAPACITY**---500 PERSONS .A VERY
PLEASANT AMBIENCE WITH GREEN
SURROUNDINGS.

- SURROUNDINGS**---AVERY PLEASANT
AMBIENCE WITH GREEN SURROUNDINGS.

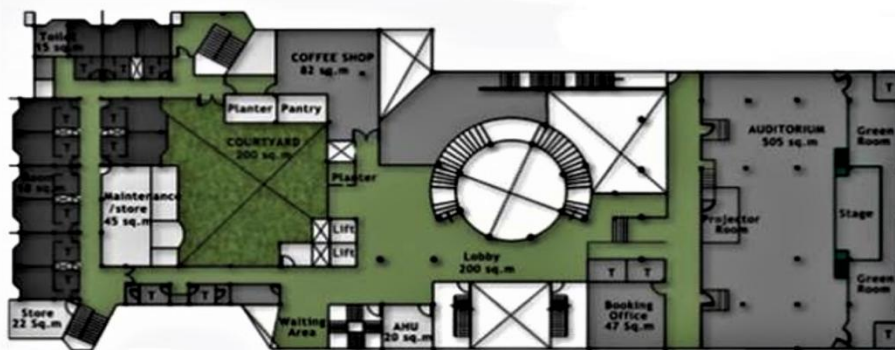
- FACILITIES**--- . THE FOOD WILL BE PROVIDED
BY OUR IN HOUSE SERVICE PROVIDER.
- TYPE OF PROGRAMME CAN DO**---BANQUET
PARTIES, RECEPTION DINNER, BIRTH DAY
PARTY.



BASEMENT PLAN



GROUND FLOOR PLAN



FIRST FLOOR PLAN

ON GROUND FLOOR THE AMINITIES WHICH ARE PRESENT

- ENTRANCE
- RECEPTION
- LOUNGE
- EXIBITION SPACE
- CONFRENCE HALL-1
- CONFRENCE HALL-2
- KITCHEN
- CAFÉ/DINNING
- SUIT
- ADMINISTRATIVE

FIRST FLOOR HAVE AMINITIES LIKE :

- AUDITORIUM
- GREEN ROOM
- BOARD ROOM
- STUDIO
- VIP LOUNGE
- COMMUNITY HALL
- PRESS CONFERENCE ROOM
- STAIRCASE
- BALCONY
- LOBBY
- SUIT

BASEMENT HAVE AMINITIES LIKE :

- CONTROL ROOM
- AC PLANT ROOM
- ADMINISTRATIVE
- PRAYER HALL
- WAZU SPACE
- CLASSES
- BANQUET HALL
- SUIT

JAMIA HAMDARD CONVENTION CENTER

LOCATION : JAMIA HAMDARD CONVENTION CENTER
LOCATED AT BADARPUR IN THE CAPITAL
CITY OF DELHI,INDIA.

CLIENT: HAKEEM HAFIZ ABDUL MAJEED
ARCH DESIGN: ASEMA ARCHITECT BY MAU
KHAN

SITE AREA: 2500 SW.MT

JAMIA CONVENTION CENTER:

CONVENTION CENTER SINCE ITS VERY INCEPTION AS A CENTRE OF LEARNING AND RESEARCH, JAMIA HAMDARD HAS DRAWN SCHOLARS AND RESEARCHERS FROM ALL OVER THE WORLD. AS ITS INSTITUTIONS HAVE GROWN, SO HAS THE INFLUX OF VISITORS WHO COME TO AVAIL OF THE WEALTH OF KNOWLEDGE OFFERED BY ITS INSTITUTIONS THUS PROVIDING OPPORTUNITY TO INTERACT WITH PEOPLE OF SIMILAR INTERESTS AND PURSUIT.

TO PROVIDE A WELL-PLANNED AND WELL-EQUIPPED CENTRE FOR SUCH MEETINGS AND INTERACTION, JAMIA HAMDARD HAS A BEAUTIFULLY DESIGNED CONFERENCE AND CONVENTION CENTRE ON ITS CAMPUS. CENTRALLY AIR-CONDITIONED, ELEGANTLY FURNISHED AND PROVIDED WITH ALL THE MODERN AMENITIES OF AN INTERNATIONAL CONFERENCE VENUE; THE HAMDARD CONVENTION CENTRE OFFERS AN IDEAL FACILITY.

CONVEYANCE TO THE CENTER :

MOSTELY PRIVATE OWNERD TWO WHEELERS AND FOUR WHEELER.



SILENT FEATURES:

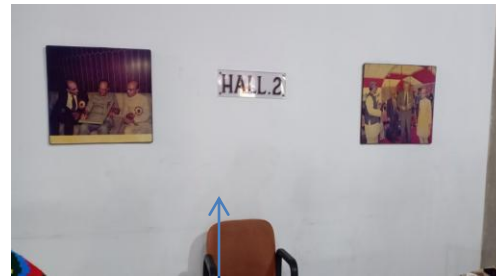
- CONFERENCE HALL:** IT HAS A CAPACITY OF 250 SEATS.
- MINI CONFERENCE HALL:** IT HAS A CAPACITY OF 60 SEATS.
- SEMINAR ROOM:** THIRTY PERSONS CAN BE ACCOMMODATED IN THE SEMINAR ROOM
- PRESS CONFERENCE ROOM:** IT HAS A CAPACITY OF 60 SEATS.
- COMMITTEE ROOMS:** THERE ARE SEVERAL COMMITTEE ROOMS OF VARYING SEATING CAPACITIES FROM 10 TO 20 PERSONS.
- EXHIBITION HALL:** A LARGE, WELL-VENTILATED AND WELL-LIT AREA, WITH WALL AND TABLE TOP DISPLAY FACILITIES, IS AVAILABLE FOR HOLDING EXHIBITIONS.
- CONFERENCE SECRETARIAT**
- REGISTRATION COUNTER**
- VIP LOUNGE FOR RECEIVING AND ENTERTAINING VIPS.**
- LOUNGING AREAS ON DIFFERENT LEVELS.**
- CATERING FACILITIES**
- FAX/PHONE/POSTAL FACILITY**
- MEDICAL AID**
- MODERN AUDIO FACILITY FOR CONFERENCES.**
- THEME PARTIES AND EVENT MANAGEMENT.**

VISITORS GROUP:

THE PERSON VISITING THE BUILDING ARE POLITICAL PERSONALITIES, HIGHER AUTHORITIES OF UNIVERSITYS, SCHOLAR AND SCHOLARS FROM OTHER COUNTRIES.



KITCHEN



CONFERENCE HALL-2



TOILETS



CONFERENCE HALL-1



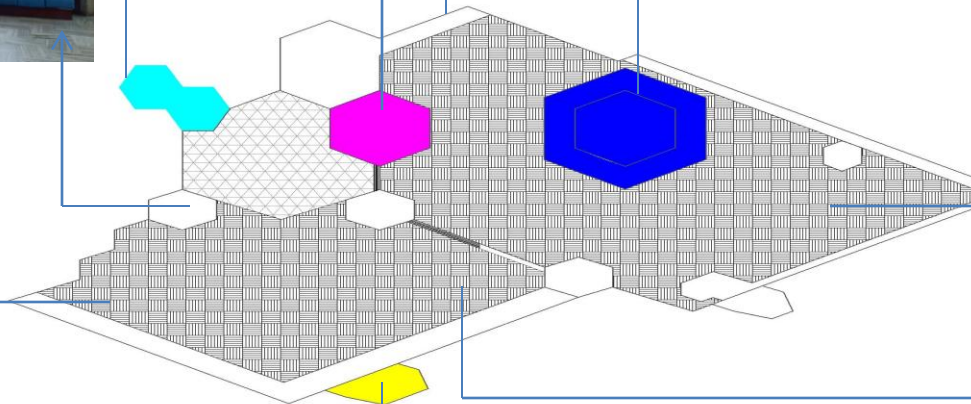
LOUNGE



ENTRANCE



RECEPTION



ON GROUND FLOOR THE AMINITIES WHICH ARE PRESENT

- ENTRANCE
- RECEPTION
- LOUNGE
- EXIBITION SPACE
- CONFERENCE HALL-1
- CONFERENCE HALL-2
- KITCHEN



EXIHIBITION SPACE



EXIHIBITION SPACE



TOILET



COMMUNITY ROOM



LOBBY



STUDIO



VIP LOUNGE



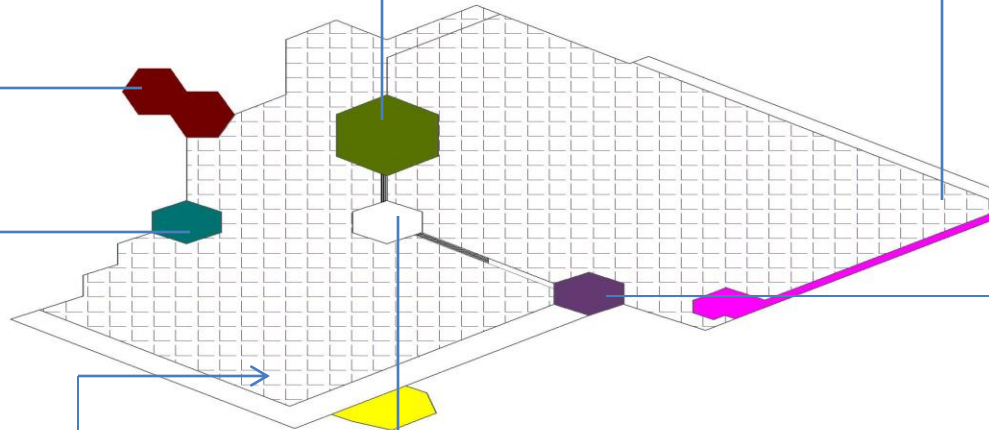
LOBBY



COURTYARD



STAIRCASE



FIRST FLOOR HAVE AMINITIES LIKE :

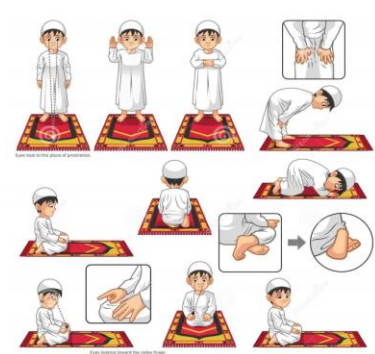
- STUDIO
- VIP LOUNGE
- COMMUNITY HALL
- PRESS CONFERENCE ROOM
- STAIRCASE
- BALCONY
- LOBBY

M O S Q U E

SITE AREA-920 SQ.MTS.

THE CAMPUS OF JAMA MASJID HAS A **GRAND MOSQUE NAME AS MASJID-RABIA** ABOUT **1200 PEOPLE** OFFER NAMAZ UNDER THE COVER AREA OF MOSQUE IN ORDER TO FACILITATE WOSHIPERS WATER SUPPLY, ELECTRICAL FAN AND LOUD SPEAKERS.

A **MOSQUE** IS A PLACE OF WORSHIP FOR MUSLIMS.ANY ACT OF WORSHIP THAT FOLLOWS THE ISLAMIC RULES OF PRAYER CAN BE SAID TO CREATE A MOSQUE, WHETHER OR NOT IT TAKES PLACE IN A SPECIAL BUILDING. INFORMAL AND OPEN-AIR PLACES OF WORSHIP ARE CALLED MUSALLA, WHILE MOSQUES USED FOR COMMUNAL PRAYER ON FRIDAYS ARE KNOWN AS JĀMI'. MOSQUE BUILDINGS TYPICALLY CONTAIN AN ORNAMENTAL NICHE (MIHRAB SET INTO THE WALL THAT INDICATES THE DIRECTION OF MECCA (QIBLAH), ABLUTION FACILITIES AND MINARETS FROM WHICH CALLS TO PRAYER ARE ISSUED. THE PULPIT (MINBAR), FROM WHICH THE FRIDAY (JUMU'AH) SERMON (KHUTBA) IS DELIVERED, WAS IN EARLIER TIMES CHARACTERISTIC OF THE CENTRAL CITY MOSQUE, BUT HAS SINCE BECOME COMMON IN SMALLER MOSQUES. MOSQUES TYPICALLY HAVE SEGREGATED SPACES FOR MEN AND WOMEN. THIS BASIC PATTERN OF ORGANIZATION HAS ASSUMED DIFFERENT FORMS DEPENDING ON THE REGION, PERIOD AND DENOMINATION



R A B I A M O S Q U E



W A Z U



M I N B A R



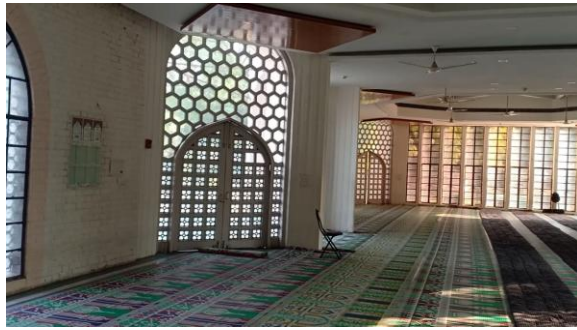
M U S A L L A



M I H R A B



K H U T B A



POINT ARCHES WINDOW



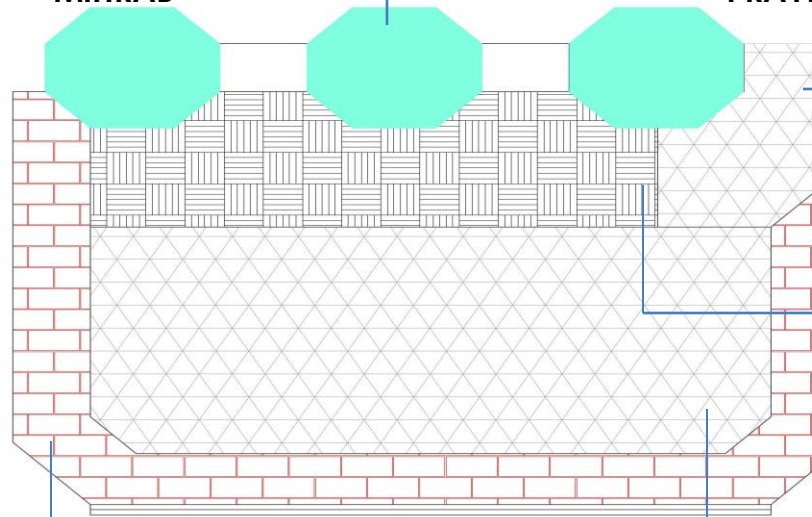
MIHRAB



PRAYER HALL



MOSQUE CEILING



WAZU KHANA



FULLY A.C



LEFT SIDE ENTRY



RABIA MOSQUE ENTRY



MAIN PRAYER HALL

HYDERABAD INTERNATIONAL CONVENTION CENTRE (HICC)

LOCATION :

NOVOTEL & HICC COMPLEX (NEAR HITEC CITY) P.O BAG 1101, CYBERABAD POST OFFICE HYDERABAD.

CLIENT – EMAAE PROPERTIES DUBAI AND ANDDRA PRADESH INDUSTRIAL INFRASTRUCTURE CORPORATION LTD.

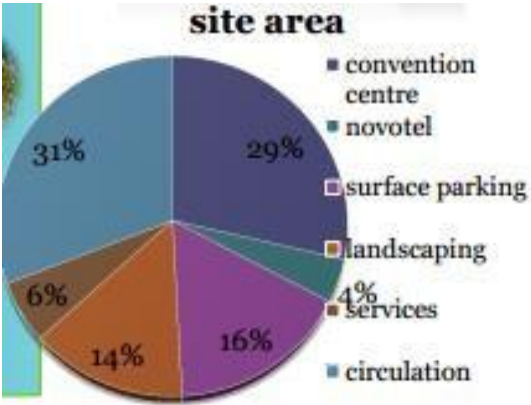
AREA- 27000 SQ.M
LAND AREA-15 ACRES

LANDSCAPING AREA-5 ACRES



OVERVIEW

CONVENTIONS, CONFERENCES, EXHIBITIONS AND ANYTHING ELSE YOU MAY THINK OF HYDERABAD INTERNATIONAL CONVENTION CENTRE (HICC) IS MANAGED BY ACCORHOTELS, ONE OF THE WORLD’S LEADING HOTEL OPERATORS, AND IS JOINTLY OWNED BY EMAAR PROPERTIES PJSC DUBAI AND TELANGANA STATE INDUSTRIAL INFRASTRUCTURE CORPORATION LTD. HICC IS A PURPOSE-BUILT, STATE-OF-THE-ART CONVENTION FACILITY, THE FIRST OF ITS KIND IN SOUTH ASIA. IT FEATURES AN INTERNAL HALL MEASURING 6,480 SQUARE METERS THAT CAN BE PARTITIONED INTO SIX SMALLER HALLS. THE FACILITY HAS QUITE A FEW FEATHERS IN ITS CAP. IT HAS BEEN THE WINNER OF THE EXCELLENCE AWARD FOR “BEST STANDALONE CONVENTION CENTRE” FOR A RECORD FOUR TIMES NATIONALLY AND NOW REGIONALLY AWARDED BY MINISTRY OF TOURISM, GOVERNMENT OF INDIA AND ANDHRA PRADESH. HICC HAS ALSO RECEIVED THE AWARD FOR ‘BEST MEETING & CONFERENCE VENUE” AT THE SOUTH INDIA TRAVEL AWARDS 2015.



SOME OF THE WORLD-CLASS FEATURES THAT HICC OFFERS ARE:

- STATE-OF-THE ART IT INFRASTRUCTURE, DESIGN, TECHNOLOGY, TELECOMMUNICATIONS AND AV EQUIPMENT
- PILLAR LESS INTERNAL HALL OF NET 6480 SQ. METRES THAT CAN HOLD AN 6000-DELEGATE PLENARY AND CAN BE PORTIONED INTO 6 SMALLER HALLS
- A SPACIOUS PRE-FUNCTION FOYER AREA
- 37 BREAKOUT ROOMS, INCLUDING SPECIALIZED MEETING ROOMS, SPEAKER PREPARATORY ROOM, BOARDROOMS, VIP LOUNGE
- 12.5 METRE HIGH CEILING, ROOF CAT WALKERS AND TRUSS TO WITHHOLD HEAVY SUSPENSION
- SERVICE PITS EVERY 6 METRES, WITH POWER, WATER, INTERNET ETC.

SELECTION CRITERIA :

SIMILAR FUNCTION & CATERING INTERNAL STANDARDS IN SOUTH ASIAN REGION

SIMILAR SITE CONDITION

TO STUDY SPATIAL PLANNING

PARKING:

IT CAN PARK 300 CARS AT SURFACE & THERE IS PROVISION 1000+ CAR PARKS. IN ADDITION THERE IS 25 PARKING FOR BUS & 500 TWO WHEELERS.

VISITOR PARKING:

THE VISITOR CAN PARK THE VEHICLES EITHER IN THE FRONT OR REAR DEPENDING ON THE MODE OF TRANSPORTATION .IN CASE OF MEETINGS AND CONVENTIONS THE VISITORS ARE DROPPED NEAR THE MAIN ENTRANCE APPROACHED BY A ROUNDABOUT.

MAIN ENTRANCE APPROACHED BY 8M WIDE ROAD.

PARKING FOR 300 CARS AT THE SURFACE LEVEL AT THE CENTRE ITSELF FOR DELEGATES

THE HYDERABAD INTERNATIONAL CONVENTION CENTRE'S CAR PARK ENTRANCE IS AT THE WESTERN SIDE OF THE BUILDING, ACCESSIBLE FROM TRAFFIC LIGHTS OFF THE HITEX CITY

BASEMENT PARKING SPACES FOR 1000+ ARE AVAILABLE FOR LONG-TERM PARKING UNDER NOVOTEL ONLY

PARKING FOR STAFF:

SECONDARY PARKING LOT IS AVAILABLE AT THE SERVICE

ZONE FOR THE SERVICE TRUCKS AND STAFF VEHICLES

FOR **VVIP** DROP POINT IS FROM EASTERN SIDE OF THE CENTRE, TO PROVIDE DIRECT ACCESS FOR THE GUEST AT THE CENTRE



1-HICC BLOCK
2- PARKING
3-NOVOTEL BLOCK

CIRCULATION:

DELEGATE FLOW: EASTERN SIDE

FOR AN IMPORTANT GROUP OF PERSONS FOR THE CONFERENCE. FROM THE SECONDARY ENTRANCE HALL VIP HALL BE ABLE TO GO TO ANY PLACE LIKE COMMITTEE ROOM, MAIN HALL OR EXHIBITION AREA AS THE NEED.

STAFF FLOW: EASTERN SIDE FLOW IS ENGAGED IN DIFFERENT ACTIVITY TO STAFF ENTRANCE, FROM WHERE THE PATH OF ADMINISTRATIVE AND TECHNICAL STAFF DIVERGE DELEGATE /STAFF FLOW: NORTHERN SIDE FOR THE ADMINISTRATIVE STAFF, WHICH IS EXPOSED TO THE PEOPLE COMING TO THE CENTRE AND FOR SPECIAL GUEST ,DIRECT TO THE MEETING AREAS AND BANQUET HALLS.

PUBLIC FLOW: WESTERN SIDE FOR GUESTS

ZONING

HORIZONTAL ZONING

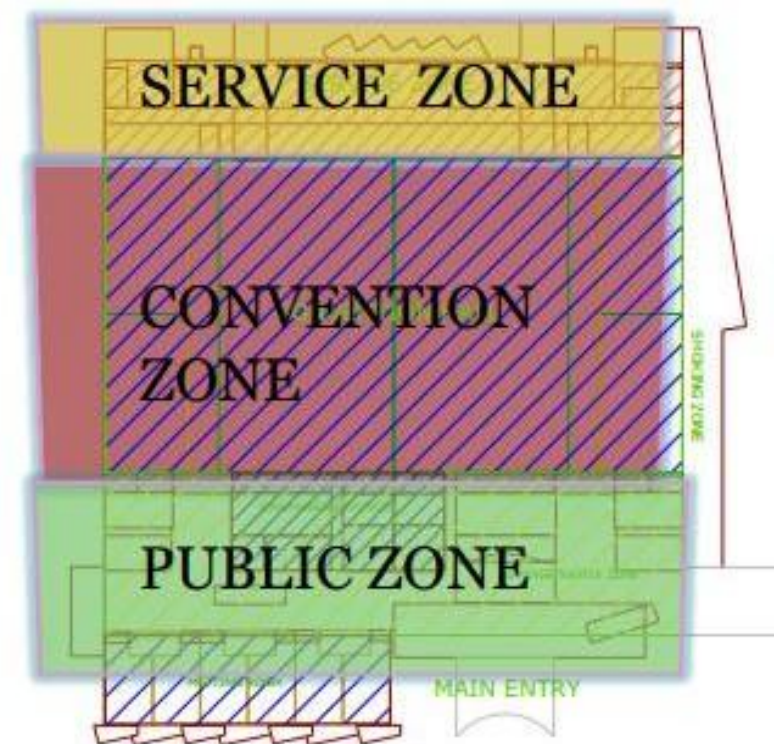
FIRST ZONE: DELEGATES VISITING THE CENTRE SECOND ZONE: HALL

THIRD ZONE: SERVICE SPACES

FOURTH ZONE: ADMINISTRATIVE OFFICES

VERTICAL ZONING

THE PLANNING OF HICC HAS BEEN DONE SO AS TO SEGREGATE THE USERS. THIS IS DONE ON THE THREE FLOORS WHICH CATER TO DIFFERENT CLASS OF PEOPLE
FOR PARKING LOT -> RECEPTION AREA -> MAIN HALL -> LOUNGE -> CAFÉ/ BAR/RESTAURANT/
TOILETS/ SPACES/HOTEL

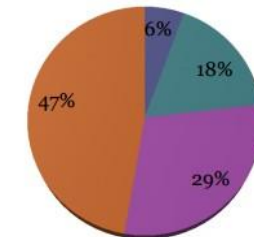


GROUND FLOOR

- RECEPTION AREAS
- ORGANIZERS OFFICES
- MAIN CONVENTION HALLS
- RESTAURANTS
- FLEXIBLE ROOMS AND IS MEANT FOR THE GENERAL PUBLIC AND DELEGATES

GROUND FLOOR:

ground floor



- private zone
- services zone
- circulation
- semi public zone

semi public and private zones

HALL 1-6
TOTAL AREA - 6150
SQ.MT. 106X58
CEILING HEIGHT-12.5MT



HICC
GROUND FLOOR PLAN

- 1 STAIR CASE
- 2 KITCHEN
- 3 HALL 1-6
- 4 TOILETS
- 5 REGISTRATION CENTER
- 6 RECEPTION
- 7 ENTRANCE
- 8 SEMINAR ROOM
- 9 SMALL MEETINGS
- 10 CONFERENCE

AREA

HALL-1 = 435 SQ.MT.

HALL-2 = 435 SQ.MT.

HALL-3 = 1914 SQ.MT.

HALL-4 = 1914 SQ.MT.

HALL-5 = 435 SQ.MT.

HALL-6 = 435 SQ.MT.

ON GROUND FLOOR THE
AMINITIES WHICH ARE
PRESENT:

HALL-1-2

CAPACITY-414 GUESTS

HALL-3-4

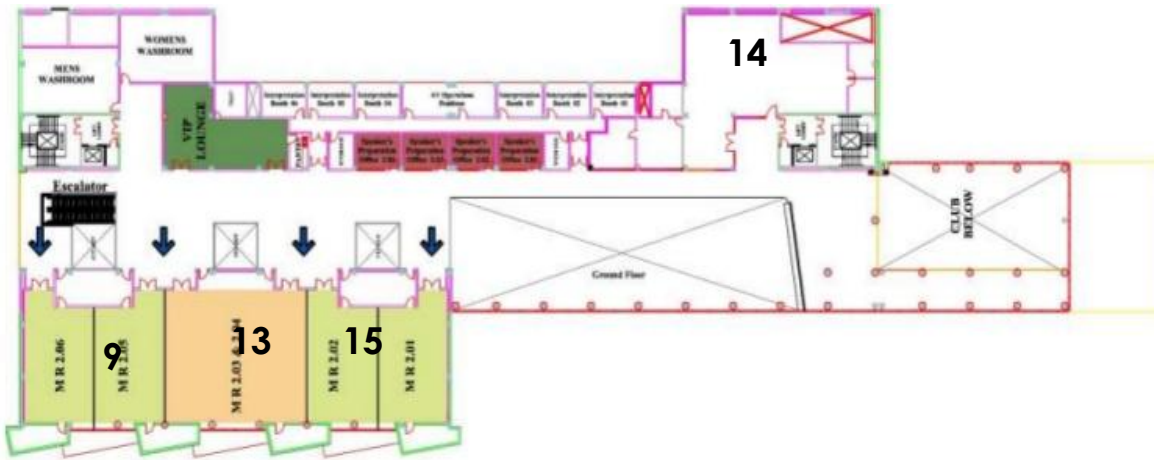
CAPACITY-1713 GUESTS

HALL-5

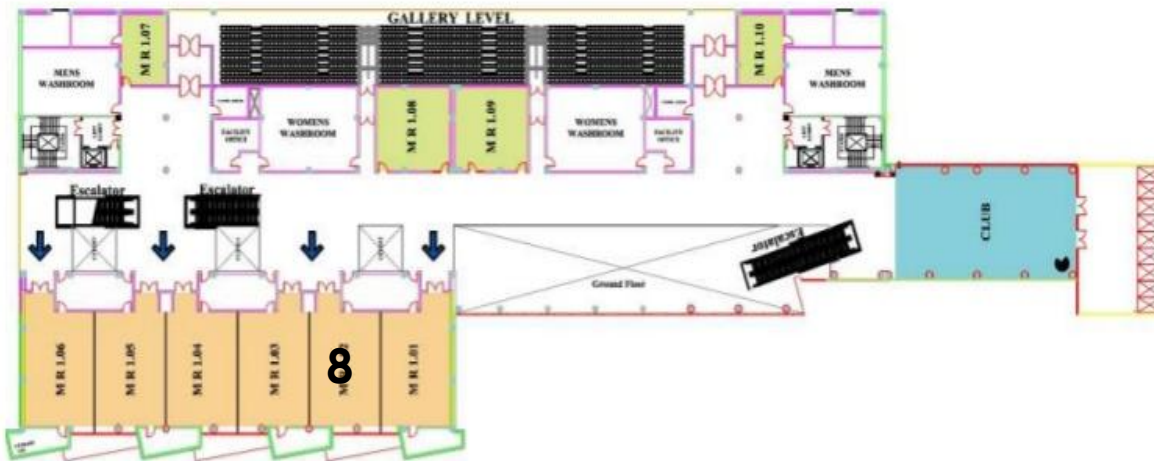
CAPACITY-414 GUESTS

HALL-6

CAPACITY-414 GUESTS



HICC
SECOND FLOOR PLAN



HICC
FIRST FLOOR PLAN

- 11 LOBBY
- 12 LIFT
- 13 CONVENTION
- 14 ADMIN BLOCK
- 15 CAFETERIA



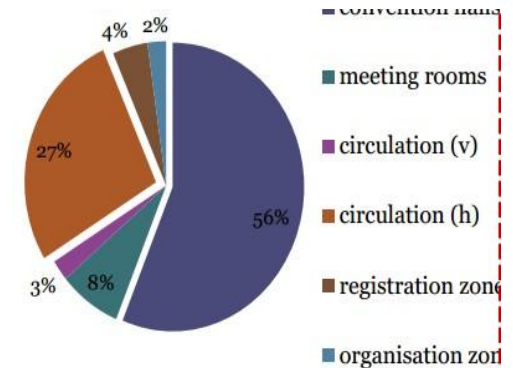
SECOND FLOOR



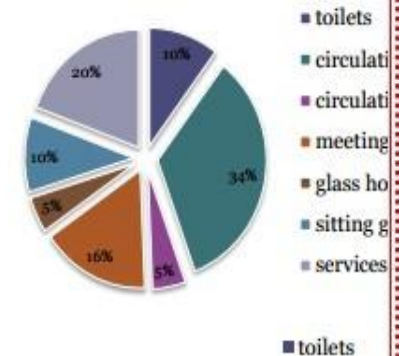
FIRST FLOOR

SECOND FLOOR

THE SECOND FLOOR CATERES TO THE HIGH PROFILE GUESTS HAVING THE CONFERENCE ROOMS, V.I.P. LOUNGES



services zone: first floor



FIRST FLOOR

- BOARD ROOM
- BUSINESS CENTER
- GALLERY SEATING
- FLEXIBLE ROOM AND IS MEANT FOR THE BUSINESS OFFICIAL.

VISION ARRANGEMENT

THE RETRACTABLE SEATING ARRANGEMENT OFFERED GOOD VISION TOWARDS THE MAIN FOCUS. HOWEVER, THE HALLS ALL HAVING A FLAT ROOF PROVED DISADVANTAGEOUS TO VIEWERS SEATED ON IT.

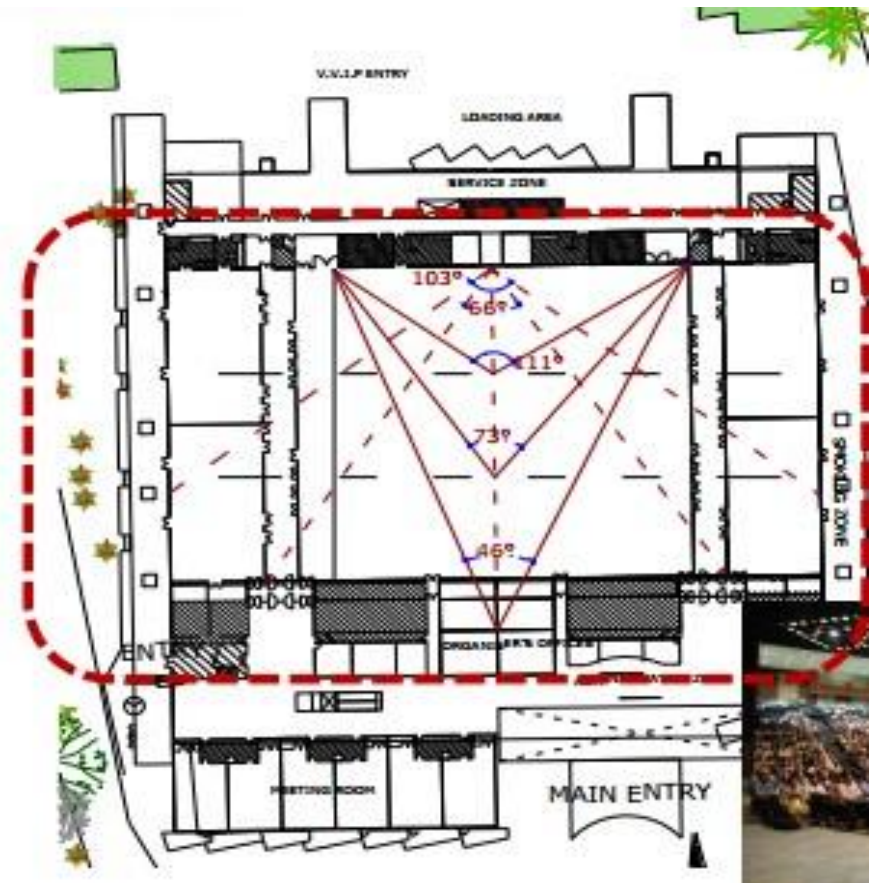
EVEN WITH A RAISED PLATFORM, IF UNINTERRUPTED VISION IS NOT WORKED OUT CORRECTLY, THE DELEGATE SUFFERS.

VIEW FROM ALL SIDES	REQUIREMENT	HICC
VIEW (WITHOUT HEAD MOVEMENT)	30	48
WITH SLIGHT HEAD AND EYE MOVEMENT	60	73
MAX. PERCEPTION	110	111

ENTRANCE & LOBBY

HICC ENTRANCE HAS HUGE LOBBY THAT CAN ACCOMMODATE 500 PEOPLE & HAS THE REQUIRED INFRASTRUCTURE INCLUDING REGISTRATION BOOTHS, INFORMATION KIOSKS, FOREIGN EXCHANGE & SMALL SHOPS, DINING AREA. IT HAS AREA OF 130 SQ. M.

THE ADDITIONAL RECEPTION AREA AT THE ENTRY OF THE CONVENTION CENTRE HAS AN ADDITIONAL 8 TERMINALS HAS BEEN PROVIDED TO ALLOW FOREIGN EXCHANGE, TRAVEL, PCO, CONCIERGES FACILITY OR ANY SPECIAL FRONT DESK OPERATIONAL REQUIREMENT.



MEETING ROOMS

IT INCLUDES 32 BREAKOUT ROOMS, INCLUDING SPECIALIZED MEETING ROOMS, SPEAKER PREPARATORY ROOMS, BOARDROOMS, VIP LOUNGE. EACH MEETING OFFICE HAS A SUITE OF FLOOR ROOMS, WHICH INCLUDES ARRIVAL LOUNGE AREA FOR ORGANIZERS GUEST OF 30 SQ.M., A WORKSTATION OFFICE OF 27 SQ. M. & PRIVATE ORGANIZERS OFFICE.

MAIN CONVENTION HALL

IT COVERS 56% OF GROUND COVERAGE. IT HAS AREA OF 6480 SQ.M. IT HAS THE CAPACITY OF 5000 DELEGATE PLENARY & IT CAN BE PARTITIONED INTO 6 SMALLER HALLS. A SPACIOUS PRE-FUNCTION FOYER AREA OF TOTAL 890 SQUARE METERS, STATE-OF- THE-ART IT INFRASTRUCTURE, DESIGN, TECHNOLOGY, TELECOMMUNICATIONS AND AV EQUIPMENT. 12.5 METER HIGH CEILING, ROOF CATWALKS AND TRUSS TO WITHHOLD HEAVY SUSPENSIONS IN PLENARY HALL. THE PARTITIONS ARE DONE BY USING SOUND PROFF, BUILT IN USA, COVERED WITH TEAK & SILK. PARTITIONS RUN WITH A TRACK CONCEALMENT SYSTEM. PROJECTION SCREEN OF 18'X16' IS PROVIDED.



ACCESSIBILITY

THE UNIVERSAL DESIGN APPROACH IS FOLLOWED. DIFFERENTLY ABLE PEOPLE CAN REACH MANY PARTS OF BUILDING. THE WHEELCHAIR LIFT IS PROVIDED.

DESIGN INFERENCES

STANDARD AREA ZONING

SERVICE ALLOCATIONS

MOSQUE & ISLAMIC CULTURAL CENTRE

AFFILIATION	SUNNI ISLAM
LEADERSHIP	MUHAMMAD HASSAN, ABDULGHAFFAR (CHIEF IMAM AND KHATEEB) ABDULLAH RIDWAN (CHAIRMAN)
LOCATION	
LOCATION	PARIOLI , ROME , ITALY
GEOGRAPHIC COORDINATES	41.935215,12.495324
ARCHITECTURE	
ARCHITECT(S)	PAOLO PORTOGHESI , VITTORIO GIGLIOTTI, SAMI MOUSAWI, NINO TOZZO
TYPE	MOSQUE
COMPLETED	1994
CONSTRUCTION COST	€40 MILLION
SPECIFICATIONS	
CAPACITY	12,000 WORSHIPPERS
DOME(S)	1
MINARET(S)	1
MINARET HEIGHT	43 METERS



INTRODUCTION

THE MOSQUE AND ISLAMIC CULTURAL CENTRE OF ROME WAS OFFICIALLY INAUGURATED IN 1995 AFTER 20 YEARS OF DESIGN AND CONSTRUCTION WHEN THE IDEA OF ITS ESTABLISHMENT WAS ENVISIONED AS AN INTERNATIONAL COMPETITION IN 1976. THE CENTRE IS LOCATED 5 KM TO THE NORTH FROM THE CITY CENTRE. IT SETS IN PRIOLI DISTRICT, A RESIDENTIAL AREA OF THE UPPER-MIDDLE CLASS AT THE FOOTHILLS OF VILLA ADA PARK AND MONTE ANTENNE, SERVES THE GROWING NUMBER OF MUSLIMS THAT MOVED TO ROME, AND PROVIDES EDUCATIONAL AND CULTURAL SERVICES TO BOTH MUSLIM AND ITALIAN COMMUNITIES. DUE TO CONSIDERABLE COVERAGE THE PROJECT HAS RECEIVED IN INTERNATIONAL PUBLICATIONS AND MEDIA, THE CENTRE HAS ACQUIRED REGIONAL AND INTERNATIONAL ARCHITECTURAL SIGNIFICANCE. THE FINAL REALIZATION OF THE PROJECT IS A SYNTHESIS OF ELEMENTS THAT ARE DERIVED FROM HISTORIC REFERENCES OF ISLAMIC, ROMAN, AND BAROQUE ARCHITECTURE

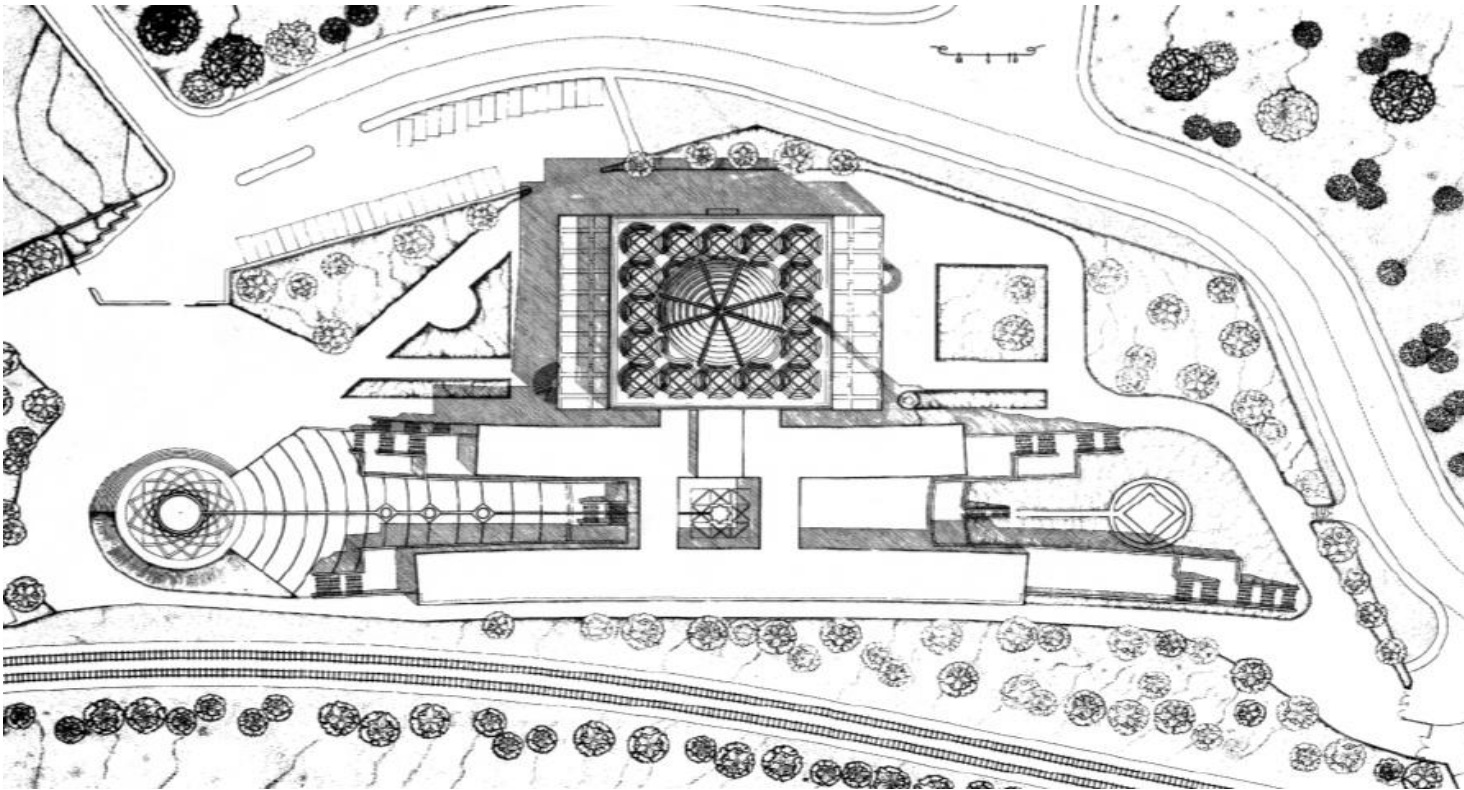
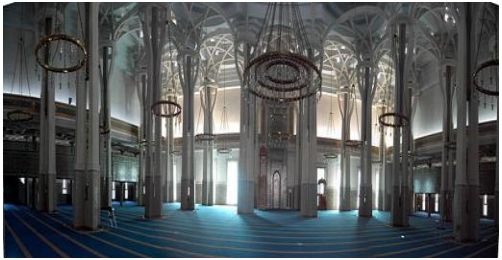


SITE CONTEXT

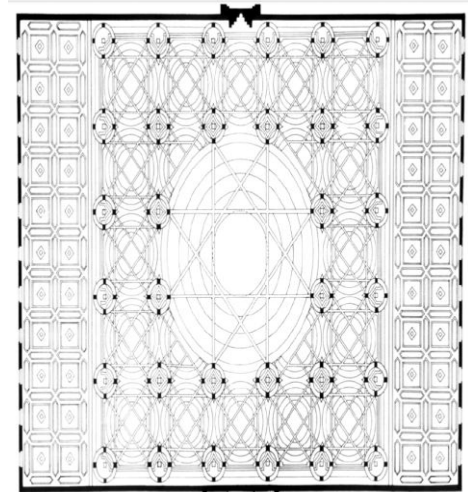
THE MOSQUE AND ISLAMIC CULTURAL CENTRE OF ROME IS LOCATED TO THE NORTH, APPROXIMATELY 5.00 KM. FROM THE HISTORIC CORE OF THE CITY. IT IS SITUATED IN THE PARIOLI DISTRICT THAT IS CHARACTERIZED BY THE UPPER MIDDLE CLASS RESIDENTIAL APARTMENT BUILDINGS BUILT IN THE PERIOD BETWEEN 1950S AND 1970S. THE SITE OF THE PROJECT IS LOCATED AT THE EDGE OF THE VAST VILLA ADA PARK, WHICH CONTAINS THE SITE OF MONTE ANTENNE THAT IS CLOSELY CONNECTED TO THE MYTHS SURROUNDING THE FOUNDING OF THE OLD CITY OF ROME.

OBJECTIVES

WITH A CLEAR VISION THE CLIENT, THE ISLAMIC CULTURAL CENTRE OF ROME PREPARED AN ARCHITECTURAL PROGRAM FOR A MOSQUE AND A CULTURAL CENTRE THAT ENCOMPASS RELIGIOUS, SOCIAL, CULTURAL, AND EDUCATIONAL ACTIVITIES. THE OBJECTIVES OF THE PROGRAM WERE TO PROVIDE AN ARCHITECTURAL SETTING WHERE MUSLIMS CAN PERFORM THE PRAYERS, AND TO ACCOMMODATE A WIDE SPECTRUM OF EDUCATIONAL AND CULTURAL ACTIVITIES SUCH AS LECTURES, SEMINARS, AND EXHIBITIONS. VIA THESE ACTIVITIES THE CENTRE HELPS TO PROVIDE THE ITALIAN COMMUNITY WITH A CLEAR AND BETTER UNDERSTANDING OF ISLAM. AS WELL, ONE OF THE IMPORTANT OBJECTIVES WAS TO PROVIDE SOCIAL AND SOCIO-RELIGIOUS SERVICES TO THE MUSLIM COMMUNITY



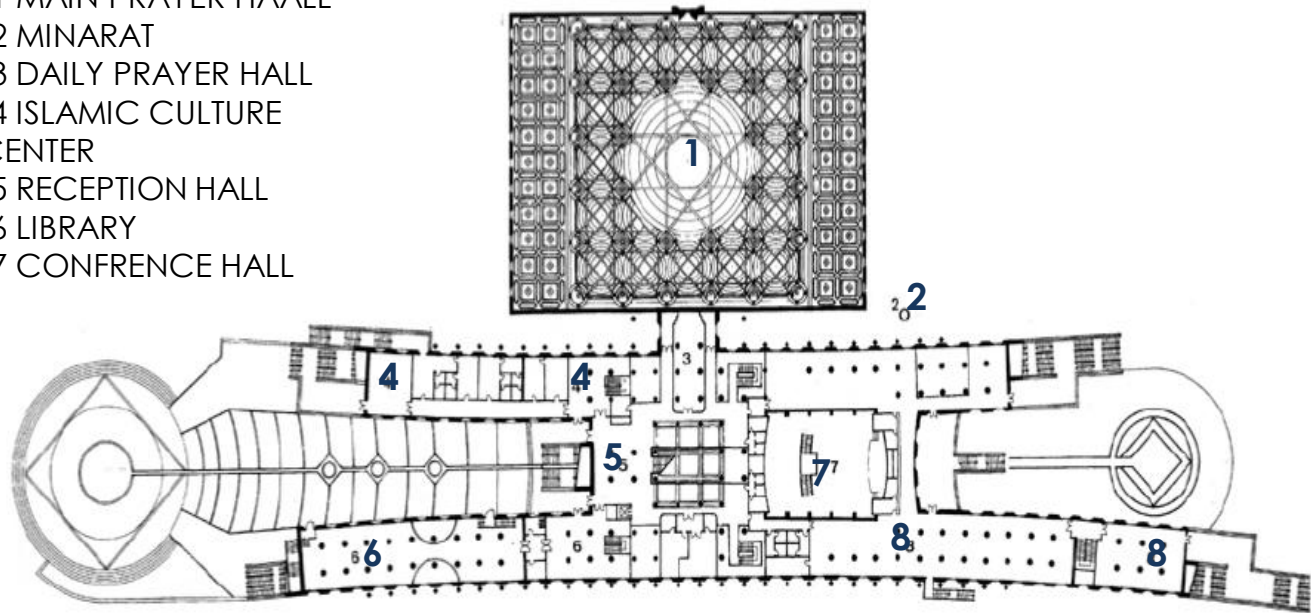
SITE PLAN



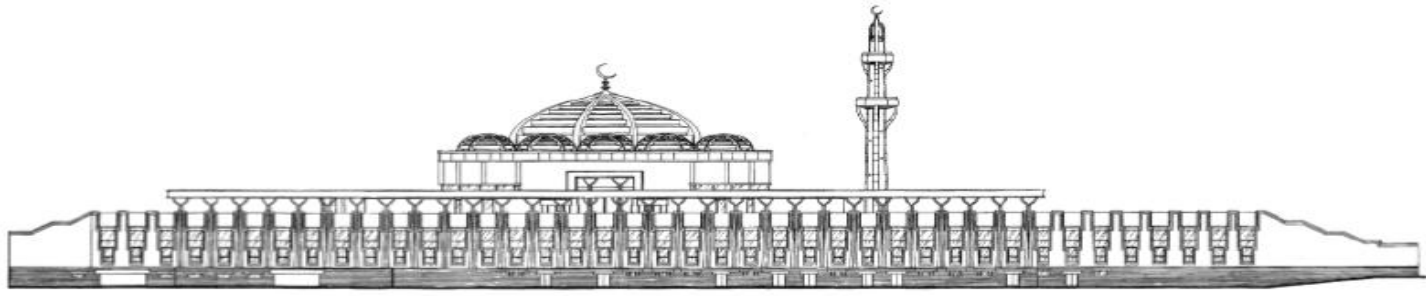
PRAYER HALL REFLECTED
CEILING PLAN

LAYOUT PLAN:

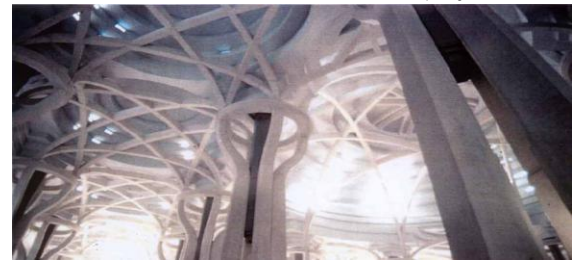
- 1 MAIN PRAYER HAALL
- 2 MINARAT
- 3 DAILY PRAYER HALL
- 4 ISLAMIC CULTURE CENTER
- 5 RECEPTION HALL
- 6 LIBRARY
- 7 CONFRENCE HALL



PLAN



ELEVATION



LAYOUT PLAN:

THE INTERIOR AND EXTERIOR STRUCTURE COMPONENTS THRUUGHOUT THE COMPLEX ALSO SERVE AS DECORATIVE ELEMENTS. IN THE PRAYER HALL FOUR BRANCHES OF THE MAIN CONCRETE COLUMNS SHOOT OUR TO FORM A WEB OF ARCHES ANDRIBS THAT ARTICULATE THE AREA BENEATH THE DOME.



VIEW OF MAIN DOME



MAIN DOME



THE APPROACH



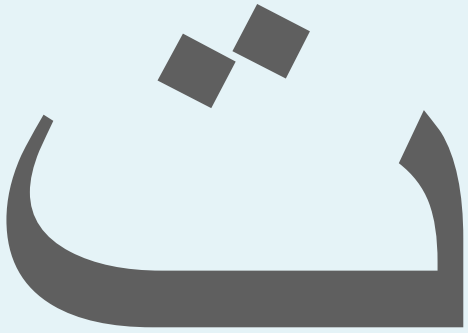
VIEW OF EAST



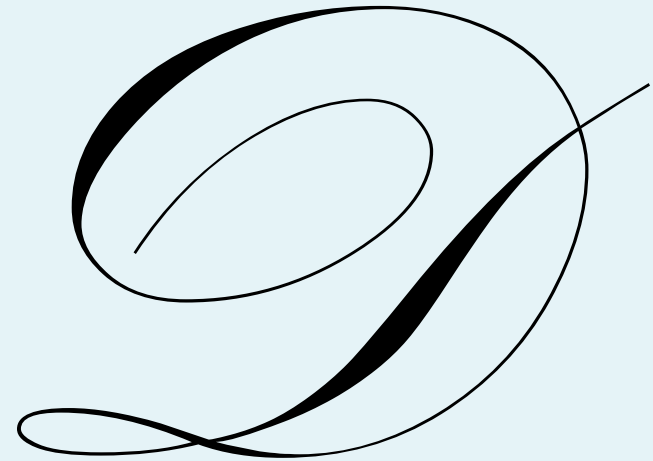
VIEW OF WEST



SMALL DOMES



site study

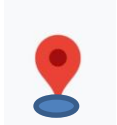


LOCATION OF SITE :

ABOUT SITE LOCATION

- THE SITE IS LOCATED IN VASANT KUNJ, NEW DELHI.
- THE SITE IS NEAR TO SULTAN GHARI'S TOMB AND QUTUB MINAR.
- INSTITUTIONS, AND PUBLIC PLACES ARE SURROUNDING THE SITE.
- RESIDENTIAL AREA LOCATED NEAR THE SITE ARE THE OTHER RESIDENTIAL AREAS IN PROXIMITY ARE CHATTARPUR, SAKET, MALVIYA NAGAR, MAHIPALPUR, LADO SARAI, BER SARAI AND NEB SARA

SITE APPROACH:



FIRE STATION (DWARKA) : 13 KMS

ISBT : 22.8 KMS

AIRPORT : 5.2 KMS

NEAREST METRO STATIONS

1. (CHATTARPUR) : 5 KMS
2. (DELHI AEROCITY) : 4KMS

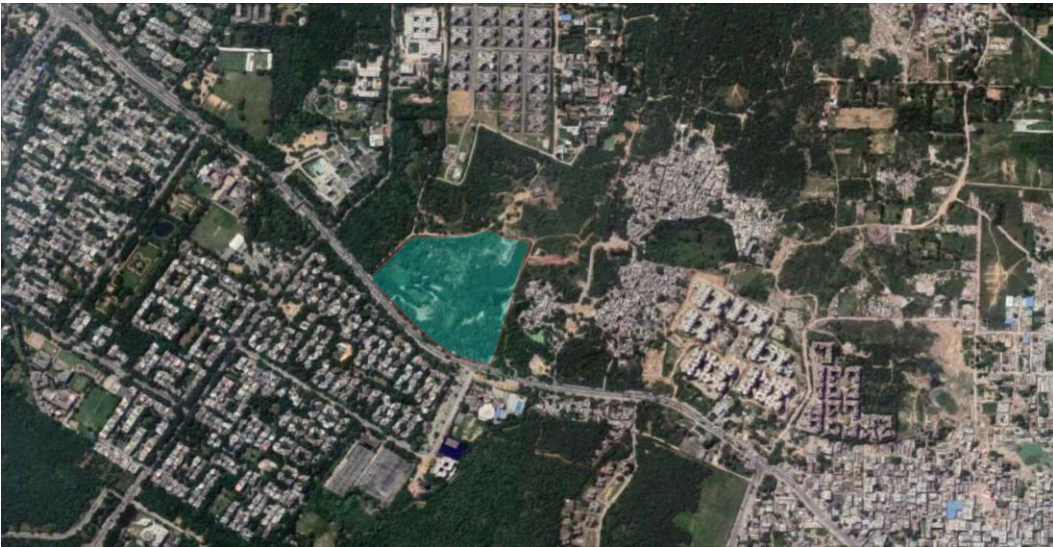
NEW DELHI RAILWAY STATION : 20 KMS

HOSPITAL (FORTIS HOSPITAL, VASANT KUNJ) : 3 KMS VASANT KUNJ

POLICE STATION :2.2 KMS

LANDMARKS

- SULTAN GARHI'S TOMB : 1.3 KMS (TOWARDS SOUTH)
- AMBIENCE MALL : 2.9 KMS (TOWARDS SOUTH-EAST)



LOCATION OF THE SITE

DATA OF SITE

SITE INFORMATION AND REGULATION

TOTAL AREA OF THE SITE IS 11.25 ACRES
 MAXIMUM GROUND COVERAGE = 35 %
 F.A.R = 120= 1.2
 MAXIMUM HEIGHT = 26 M
 E.C.S = 2 ECS/100 SQM.
 LAND USE : PUBLIC AND SEMI-PUBLIC BUILDING
 SET-BACKS : FRONT = 15 M
 REAR: = 12 M
 SIDE = 12 M

SITE DIMESIONS

FRONT : 278 M (TOWARDS EAST-SOUTH AND EAST
 SIDE-1 – 249 M (TOWARDS NORTH)
 BACK = 80 M (TOWARDS WEST)
 SIDE-2 = 140 M
 SIDE-3 = 105 M



PROPOSED ROAD ON SOUTH SIDE OF SITE



SULTAN GARHI PARK



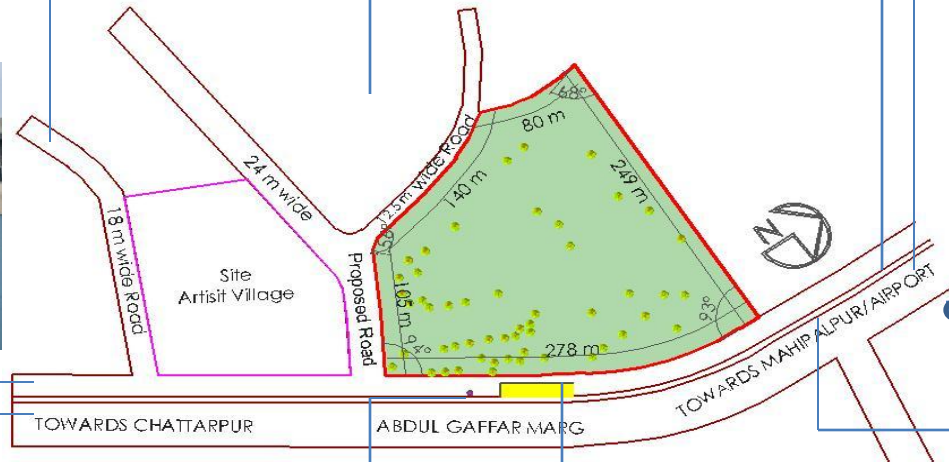
GAS PIPELINES ON FRONT ROAD



INDIRA GANDHI INTERNATIONAL AIRPORT



CHATTARPUR METRO STATION



RYAN INTERNATIONAL SCHOOL



SITE DRAIN TOWARDS THE FRONT ROAD



SEWAGE MAINHOLE ON FRONT ROAD



BUS STOP VASANT KUNJ C8



ELECTRIC LINES RUNNING ON FRONT ROAD

SITE CONDITION & NATURAL FEATURES

ABOUT ROAD

- FOOTPATH ARE GIVEN ON BOTH SIDES.
- ELECTRIC POLES ARE ALSO GIVEN ON BOTH SIDES.
- CURBSTONE BARRIER ARE USED ON ROAD.
- MAN HOLE ARE GIVEN FOR RAIN WATER ON ROAD SIDE.
- HEAVY VEHICLES ARE ALSO RUN ON THIS ROAD.

SITE FEATURES

- BUS STAND IS FOUND ON THE ROAD SIDE OF THE SITE.
- PRESENTLY THERE ARE 1 ENTRY AND SITE IS USED BY THE PRIVATE BUS DRIVER FOR PARKING.
- BOUNDARY WALL OF 1500 MM HEIGHT IS CONSTRUCTED AROUND SITE

SERVICES:

ELECTRICITY

- THE SOURCE OF ELECTRICITY IS **BSES RAJDHANI POWER LTD.**
- ELECTRIC POLE LINES RUNNING ALONG THE FRONT ROAD.

WATER SUPPLY

- WATER IS SUPPLIED FROM **DELHI JAL BOARD.**

DRAINAGE

- SEWAGE LINE HAS LAY ON THE ROAD.
- SEWAGE LINES ARE RUNNING ALONG THE FRONT SIDE.
- MAIN HOLES ARE PROVIDED ON THE MAIN ROAD OF THE SITE.

GAS PIPELINES

- **INDRAPRASTHA GAS PIPELINE** ARE
- RUNNING ALONG THE FRONT ROAD OF THE SITE.

ON-SITE CONSIDERATION:

GROUND CONDITION

THE LAND IS FLAT WITH LITTLE CHANGE IN FORMATION -OF LAND AND HEAVY VEGETATION.

TOPOGRAPHY

- THE SITE IS GRADUAL WITH NEGLIGIBLE SLOPE TOWARDS THE FRONT ROAD OF THE SITE.
- THE SITE LEVEL -150MM FROM ROAD

SOIL

- TYPE – ALLUVIAL SOIL
- SOIL BEARING CAPACITY ISO .37 KG/CM SQ.

VEGETATION

- THERE IS A HEAVY GROWTH OF NATURAL VEGETATION.
- HERBS AND SHRUBS HAVE BEEN DOMINANTLY COVERED THE SITE.
- MOST OF THEM WOULD BE REMOVED EXCEPT EXISTING TREES, THEY WOULD EITHER BE RETAINED OR DISPLACED WITHIN THE SITE.



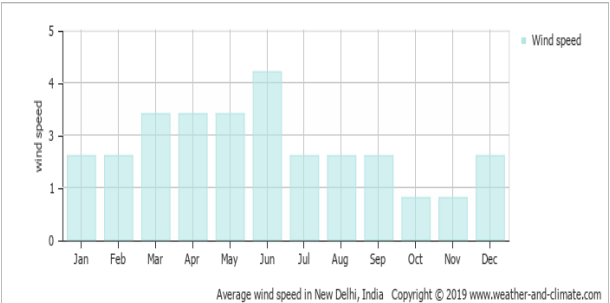
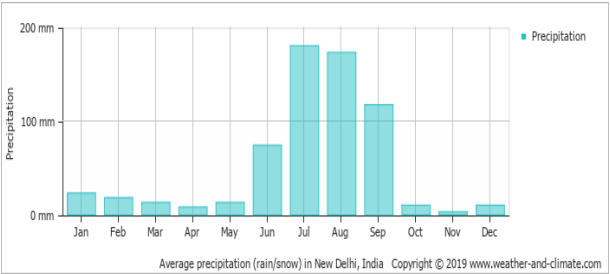
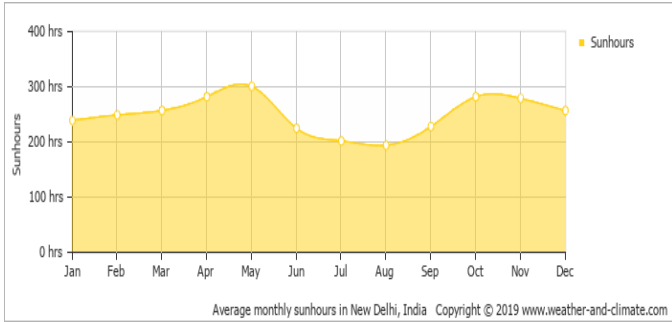
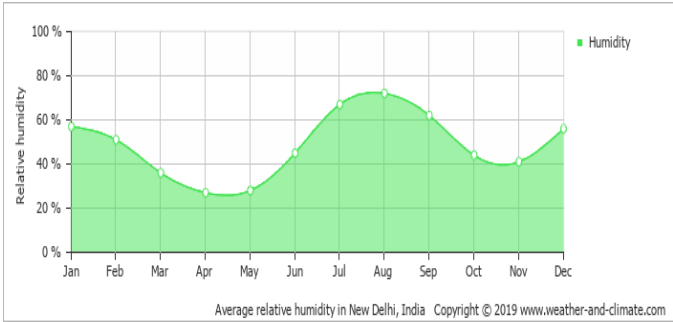
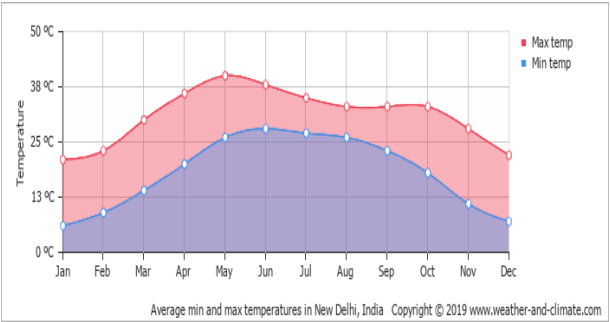
HERBS AND SHRUBS AND VEGETATION ON ROAD.

CLIMATE OF DELHI

DELHI FEATURES A HUMID SUBTROPICAL CLIMATE. TEMPERATURES RANGE FROM 5 TO 40°; (41.0 TO 104.0°F) WITH THE LOWEST AND HIGHEST TEMPERATURES EVER RECORDED BEING -2.2 AND 48.4°C (28.0 AND 119.0°F) RESPECTIVELY. THE ANNUAL MEAN TEMP 42.5°C (77.0°F) AND THE MONTHLY MEAN TEMPERATURES RANGE FROM 13 TO 32°C (55 TO 90°F). THE AVERAGE ANNUAL RAINFALL IS APPROXIMATELY 714 NM (28.IIN), MOST OF WHICH FALLS DURING THE MONSOON IN JULY AND AUGUST. THE AVERAGE DATE OF THE ADVENT OF MONSOON WINDS IN DELHI IS 29 JUNE.

DELHI IS CHARACTERIZED BY LONG HOT SUMMERS AM) A COLD SHORT WINTER WITH THE RAINY SEASON IN THE MONTHS FROM JULY TO SEPTEMBER. THE VARIATIONS IN THE MEAN MAXIMUM AND MINIMUM TEMPERATURES FOR EACH OF THE MONTHS, THE AVERAGE RAINFALL AND THE VARIATION IN AVERAGE RELATIVE HUMIDITY ARE PROVIDED IN THE CHARTS AND GRAPH ENCLOSED.

THE PREVAILING WINDS ARE PREDOMINANTLY FROM NORTH-WEST BOTH IN SUMMERS AND IN WINTERS. THE RAIN BEARING MONSOON WINDS ARE FROM THE EAST AND SOUTH-EAST. THE RECORDED WIND DIRECTION FOR EACH OF THE MONTHS IS PROVIDED IN THE TABLE GIVEN HEREWITH



CLIMATE INFERENCES

- THE SITE CLIMATE IS COMPOSITE CONSIDERATION WILL BE GIVEN TO BOTH EXTREME SUMMER AND WINTER SEASON ORIENTATION OF BUILDING WILL BE NORTH-EAST DIRECTION.
- COURTYARD TYPE BUILDINGS ARE VERY SUITABLE AS IT IS THE MOST PLEASANT SPACE FOR MOST OF THE YEAR, BECAUSE IT ALLOW WIND AND TRAPS THE SUN.
- REDUCTION OF SURFACE EXPOSED TO SOLAR RADIATION SHADING OF EXTERNAL WALLS THROUGH PROVISION OF LOUVERS, FINS AND RECESSED WINDOW



WINTER



MONSOON



SUMMER



standard



STANDARD

AUDITORIUM

The auditorium is the heart of building, where the primary activity of experiencing and presenting performances take place. Audience seating is arranged to view the stage and the stage is a platform from which the performer can be communicate to the audience. The relationship between the two is very crucial for the success of convention centers. Mostly auditorium is designed to fulfill no of purposes. The objective of designer will be to use 100% usage of space. Auditorium should be designed in such a way that every member should be able to see and hear the performance of stage.

1. Form/shape

Shape corrects the defects of sound in auditorium hall i.e. echo's, excessive reverberation, sound foci's, dead spots etc. fan shape <100 degree is ideally best shape for auditorium. In auditorium hall, the wall & ceiling is not perpendicular to each other as in other normal rooms. Mostly less curve Concave shape is also considered. The size of hall is governed by audience requirements, Visual & aural limitations.

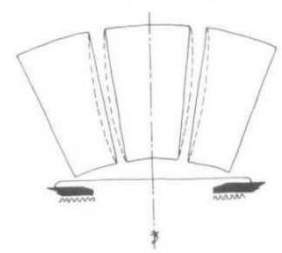
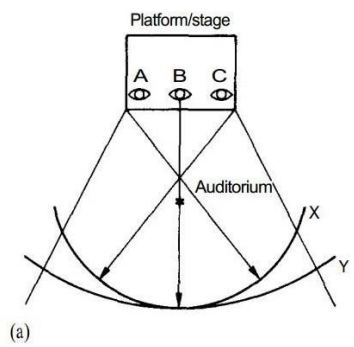
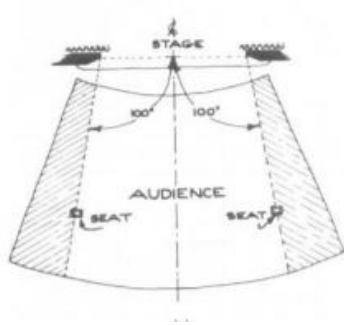
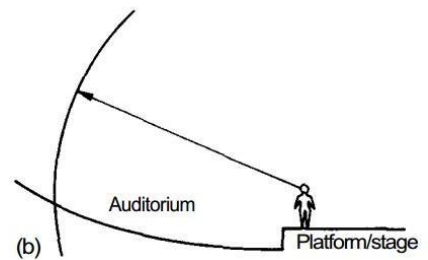


Fig. 17 Straight radial aisles are better than aisles which curve or bend.



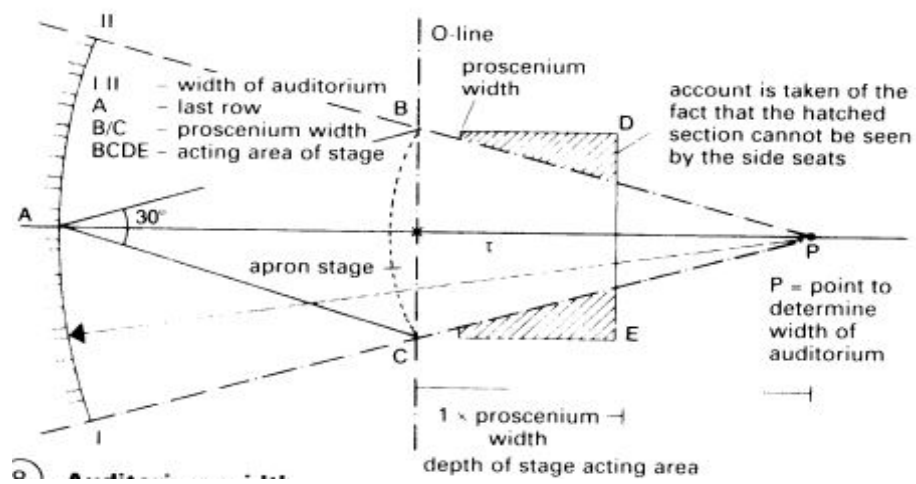
AUDIENCE REQUIREMENTS

EVERY MEMBER OF THE AUDIENCE SHOULD BE ABLE TO SEE AND HEAR CLEARLY

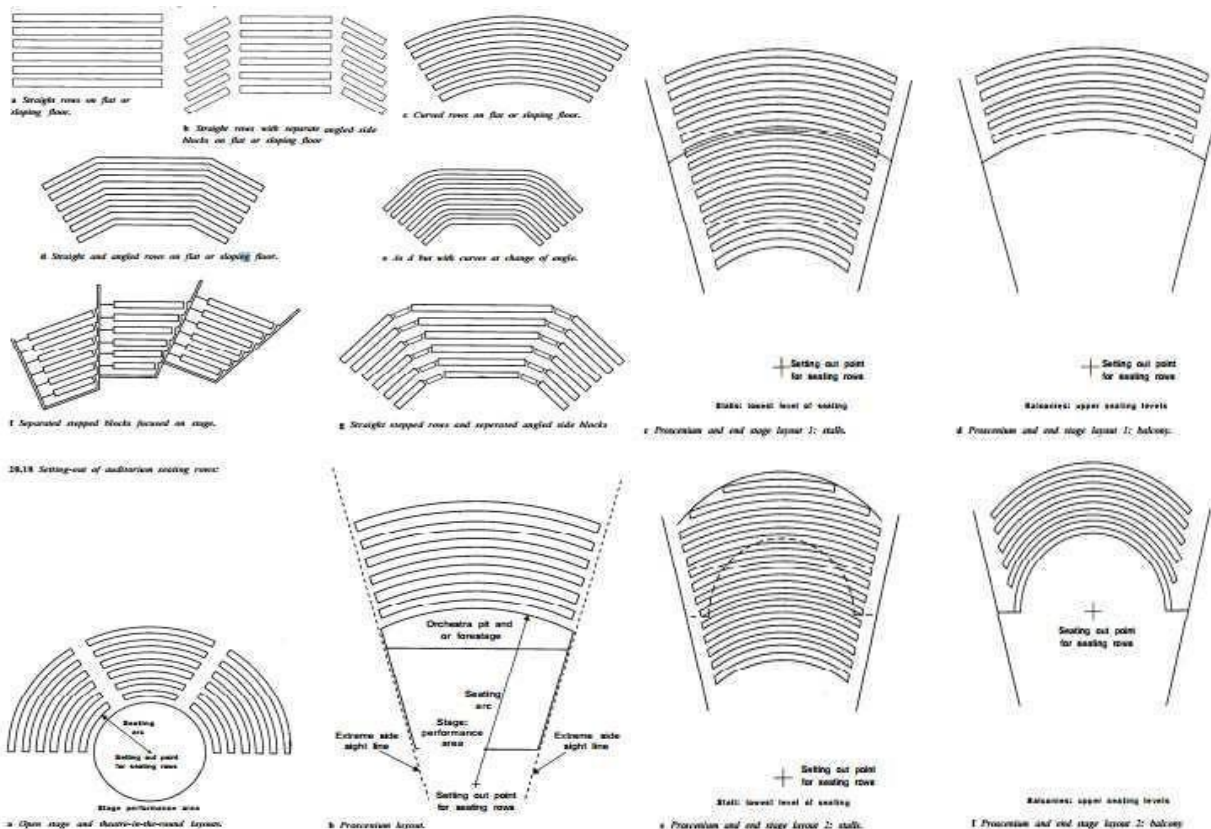
VISUAL LIMITATIONS

- FOR DRAMA= 20M
- FOR OPERA= 30M
- FOR DANCE= 20M
- FOR CONFERENCE = 20M

7) Proportions of the traditional auditorium (view)



- MINIMUM DIMENSION OF SEATING WITH ARMS =500MM WITHOUT ARMS =450MM
- SEAT HEIGHT = 430-450 MM
- ANGLE OF INCLINATION= 7-9 DEGREE WITH HORIZONTAL
- BACK HEIGHT = 800-850MM
- ANGLE OF INCLINATION = 15-20 DEGREE
- SEAT DEPTH= 600-720 MM, REDUCED TO 425-500MM WHEN THE SEAT IS TIPPED
- OTHER FACTORS AFFECTING SEATING IS,
- ACOUSTICS: UPHOLSTERY TO SATISFY THE ACOUSTIC REQUIREMENTS, USUALLY THE LEVEL OF ABSORBENCY WHEN UNOCCUPIED
- VENTILATION & HEATING: AIR SUPPLY OR EXTRACT UNDER A SEAT



SIGHTLINES

HORIZONTAL SIGHTLINES

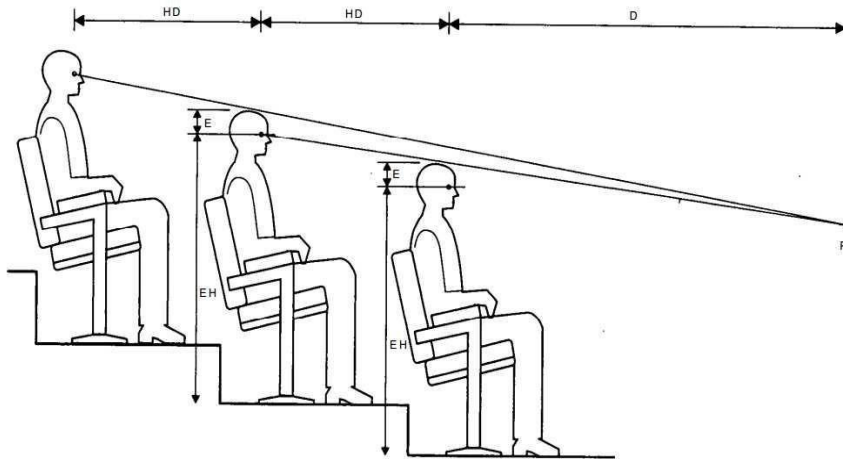
IT IS OBTAINED FROM SPECTATOR'S PSYCHOLOGICAL PERCEPTION & VIEWING ANGLE.

- GOOD VIEW WITHOUT HEAD MOVEMENT= 30 DEGREE
- GOOD VIEW WITH HEAD MOVEMENT = 60 DEGREE
- MAXIMUM PERCEPTION ANGLE = 110 DEGREE
- WITH FULL HEAD & SHOULDER MOVEMENT= 360 DEGREE
- SO, FAN SHAPE LESS THAN 100 DEGREE IS PREFERABLE DUE TO SIGHTLINES & ACOUSTIC REASON IN AUDITORIUM.

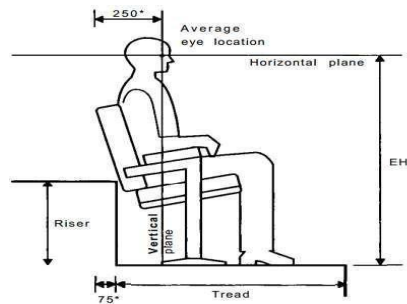
VERTICAL SIGHTLINES

THE LONGITUDINAL SECTION IS A PARABOLIC STEPPED FLOOR AS A THEORETICAL RAKE PRODUCED BY THE SIGHTLINE CALCULATION. THIS GIVES EVERY MEMBER OF THE AUDIENCE SIMILAR VIEWING CONDITIONS. THIS MAY BE REDUCED TO A SINGLE ANGLE OR SERIES OF ANGLES WHEN APPLIED AS DESCRIBED THE RAKE WILL ALSO BE STEEP.

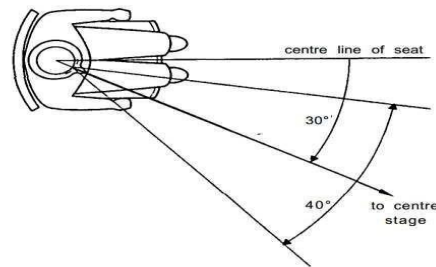
THIS IS SATISFACTORY FOR A SINGLE TIER OF SEATING WITH NO BALCONIES AND IS ESPECIALLY APPROPRIATE FOR OPEN-STAGE FORMATS.



20.21 Graphic representation of vertical sightlines, P lowest and nearest point on stage clearly visible by audience, HD horizontal distance between eyes in successive audience rows, EH average audience eye height above floor, E height between eye and top of head, D distance from eye of person in front row to P



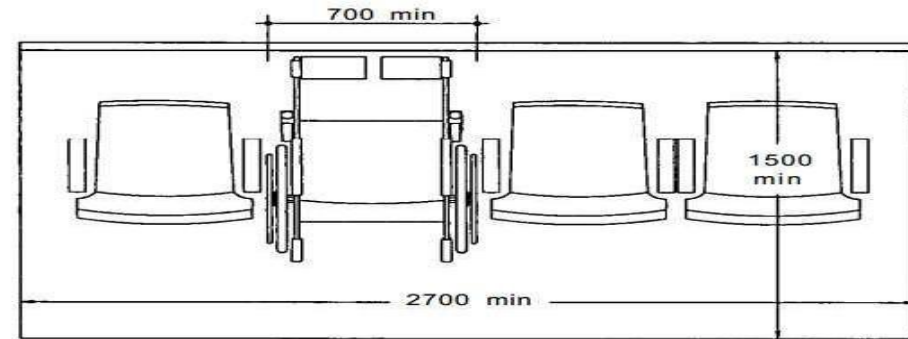
20.22 Position of eye in relation to seat and stepped floor. Dimensions vary according to upholstery thickness, and inclinations of both seat and back. Working dimensions are starred *



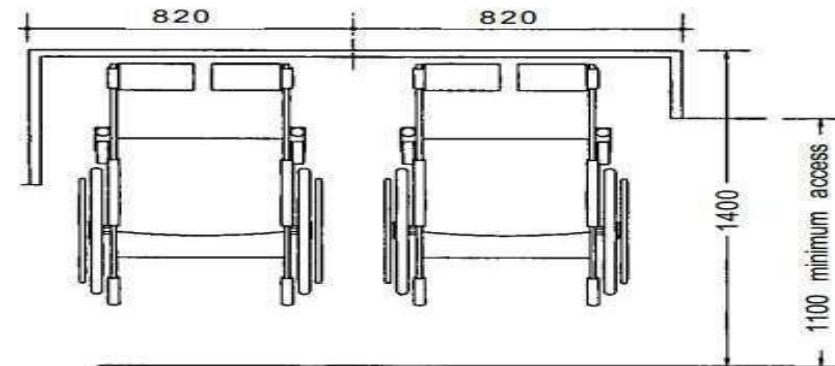
20.25 a The maximum comfortable amount the head can be turned from the seat centreline is 30°.

WHEELCHAIR LOCATION

REGULATIONS REQUIRE A MINIMUM OF SIX PLACES FOR WHEELCHAIR USERS, OR 1/100TH OF THE AUDIENCE CAPACITY, WHICHEVER IF THE GREATER. THEIR LOCATION AS DISCRETE AREAS CAN BE AT THE REAR, FRONT, SIDE OR WITHIN THE SEATING; WHEELCHAIRS CAN BE CENTRALLY POSITIONED BY FORMING A BAY OFF A CROSS-GANGWAY.



20.28 Plan of a box designed for a wheelchair plus loose chairs



20.27 Designated wheelchair area, required dimensions

CHANGING ROOM REQUIREMENTS

- IT SHOULD HAVE DISCRETE ACCESS
- BE EQUIPPED WITH SECURE HANGING SPACE
- HAVE MIRRORS WITH GOOD LIGHTING OVER VANITY TABLES
- HAVE SEPARATE TOILETS & SHOWERS
- HAVE AUDIO/VIDEO FEED FROM PERFORMANCE AREAS
- BE EQUIPPED WITH PHONES AND POWER OUTLETS

REHEARSAL ROOMS

- ENCLOSED SPACE WITHOUT NATURAL LIGHT CLOSE TO THE DRESSING ROOM
- SOUND SYSTEM, LIGHTING
- THERE SHOULD BE AT LEAST ONE STAGE FOR THE REHEARSAL OF PERFORMANCES

STORAGE ROOM

- 20-25% OF PLAYING AREA

Workshops for making scenery

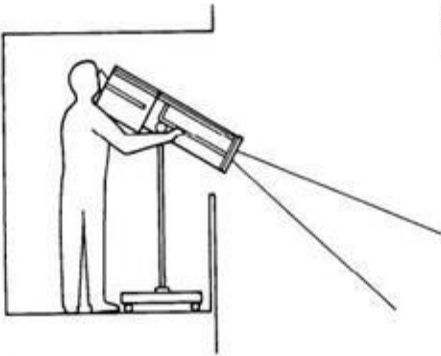
- Should be exclude from main hall due to fire & limited space options
- 4-5 times the area of mainstage

Technical utilities

- Transformer room
- Medium & low voltage switchroom
- Power batteries
- HVAC plants
- Fire sprinkler system

Cloakrooms

- Minimum 4m2 per 100 people

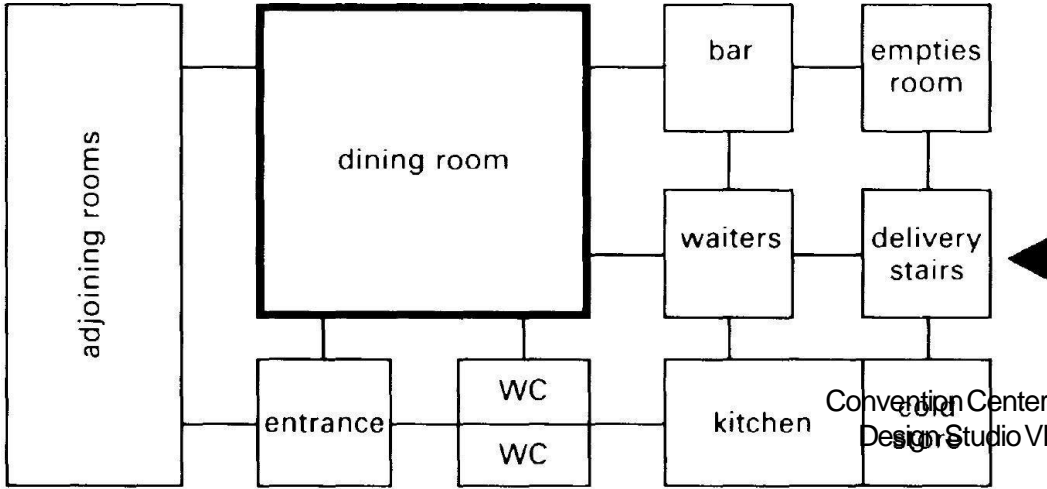


20.59 Follow spot, minimum size for equipment and operator
1.5 m x 2 m

RESTAURANTS AND FOOD COURTS

- SHOULD BE PLANNED TO ACHIEVE VARIETY OF SEATING ARRANGEMENTS.
- PROVIDE ACOUSTIC LOBBY BETWEEN RESTAURANT AND KITCHEN.
- ACCESS SHOULD BE PLANNED FOR GUEST.
- THE SERVICE AISLE SHOULD NOT BE LESS THAN 0.9-1.35M IF IT IS TO BE USED BY BOTH TROLLEYS AND GUEST.
- WAITER STATION SHOULD BE LOCATED SO AS NOT TO DISTURB GUEST.
- AMBIENCE IS AN IMPORTANT FACTOR IN RESTAURANT DESIGN: DECORATION, LIGHTING SHOULD BE AN INTEGRAL PART.
- LARGE REGULAR SPACE SHOULD BE BROKEN UP

GENERAL FUNCTIONAL LAYOUT OF RESTAURANTS:



Spatial Requirements:

<u>Functional areas</u>	<u>Space allowed (%)</u>
Receiving	5
Food storage	20
Preparation	14
Cooking	8
Baking	10
Ware washing	5
Traffic aisles	16
Trash storage	5
Employee facilities	16
Miscellaneous	2

② **Alcoves arrangement**

TYPICAL SIZE & SHAPE OF DINING TABLES:

FACTORS FOR RESTAURANT PLANNING:

- THE EXTERIOR APPEARANCE SHOULD COMMUNICATE CLEARLY, WITH SIGNS, LIGHTING AND MANY DISPLAYS.
- FROM OUTSIDE, PEOPLE SHOULD BE ABLE TO VIEW THE INTERIOR SEATING, STYLE AND FEATURES.
- EACH TYPE OF RESTAURANT NEEDS A DIFFERENT IDENTITY. AMBIENCE IS AN IMPORTANT FACTOR IN RESTAURANT DESIGN.
- LARGE REGULAR SPACES SHOULD BE BROKEN UP INTO SMALLER, MORE IMPORTANT AREAS, IF NECESSARY BY SCREENS OR DECORATIVE FEATURES.
- CHANGES OF LEVELS ARE USUALLY FAVORED BY CATERERS BUT ARE ACCEPTABLE PROVIDED THEY MAKE A POSITIVE CONTRIBUTION TO DESIGN, DO NOT INVOLVE MORE THAN TWO OR THREE STEPS, AND THE MAIN PART OF THE RESTAURANT IS ON THE SAME LEVEL AS THE KITCHEN. RAISED SEATING AREAS SHOULD BE PROTECTED BY BALUSTRADES.
- THE CASH DESK MAY BE AT THE ENTRANCE, BY SERVICE DOORS OR WITHIN THE KITCHEN AREA, DEPENDING ON THE MANAGEMENT SYSTEM.

FOOD COURTS:

- LARGE HALLS THAT HOUSE GROUPS OF SMALL OUTLETS SELLING A WIDE VARIETY OF SPECIALIST FOOD PRODUCTIONS.
- WITH ATTRACTIVE DISPLAYS AND A MARKET –STYLE ENVIRONMENT, FOOD COURTS OFFERS A PLEASANT SHOPPING ENVIRONMENT AND CAN BE ADDED TO SUPERMARKETS BEYOND THE CHECK-OUTS.
- STORAGE SPACE FOR ONE DAY’S TRADE.
- A BAKERY, A BUTCHER, CAFES & BARS, ICE CREAM PARLOR PLUS SHOPS ETC.

Type	shape	minimum size (in)	spacious
Tables for 1’s or 2’s	square	24 x 24	30 x 30
	rectangle	24 x 30	30 x 36
	Round	30	36
Tables for 3’s or 4’s	Square	30 x 30	42 x 42
	Rectangle	30 x 42	36 x 48
	Round	36	48
Tables for 5’s or 6’s	Rectangle	30 x 60	42 x 72
	Round	48	60
Drop leaf tables	30 x 30 in. opening to 42 in. round		
	36 x 36 in. opening to 53 in. round		

EXHIBITION SPACE

COVERED EXHIBITION SPACES ARE BUILDINGS OR ENCLOSED STRUCTURES CONTAINING EXHIBITION AREAS OR OTHER SPACES, INCLUDING ALL OVERHANGING UPPER FLOORS OR BALCONIES. PARTICIPANTS MAY DECIDE TO BUILD MORE THAN ONE LEVEL WITHIN THE COVERED PART OF THE EXHIBITION SPACE, BASED ON THEIR INDIVIDUAL NEEDS.

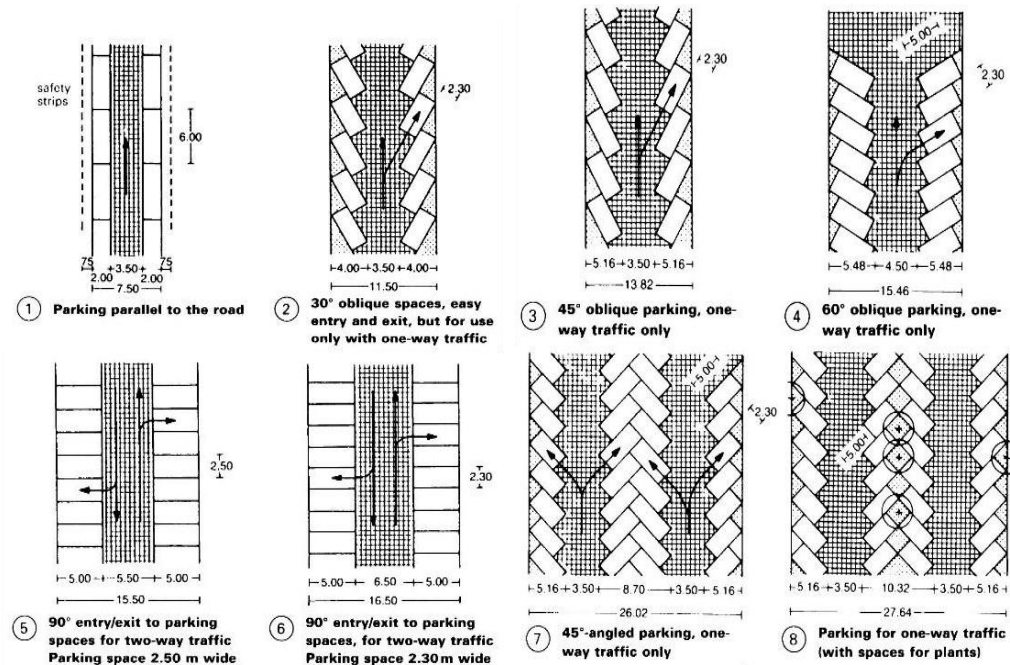
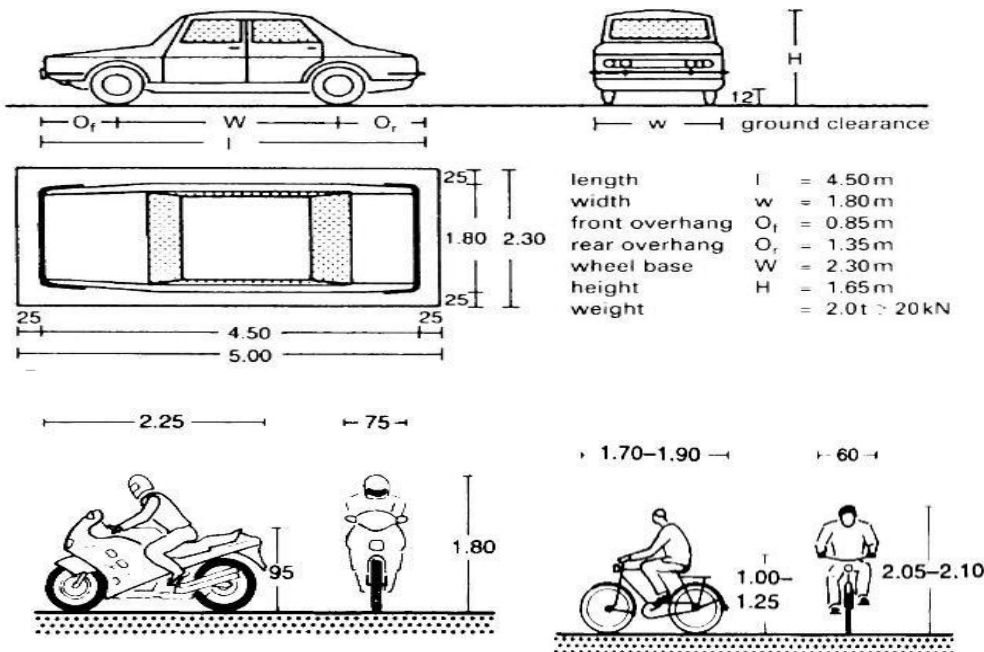
HEIGHT OF BUILDINGS

- THE HEIGHT OF THE COVERED PART OF EXHIBITION SPACE (OR BUILDING HEIGHT) MUST BE LESS THAN 12 METERS.
- THE HEIGHT LIMIT FOR ANY ADDITIONAL ARCHITECTURAL ELEMENTS (SUCH AS SKYLIGHTS, ROOF ELEMENTS, VERTICAL CONNECTIONS TO THE ROOF, SUNSCREENS, SIGNALS, ETC.) IS 17 METERS.

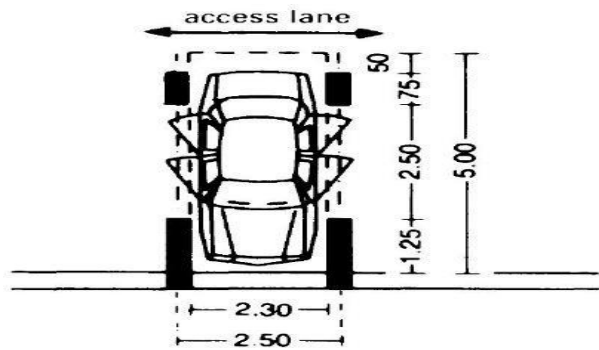
GENERAL DESIGN CONSIDERATIONS:

- THE PARKING SPACES ACTS AS A PLACE FOR THE CEREMONIES OF **ARRIVAL & DEPARTURE**.
- THE BASIC REQUIREMENTS FOR PARKING SPACES SHOULD BE TAKEN FROM THE VEHICLE DIMENSIONS WHILST DRIVING IN A LINEAR PATH, CORNERING AND ENTERING INTO AND DRIVING OUT OF THE PARKING AREA.
- PARKING CAN BE DONE IN VARIOUS WAYS: **INCLINED WITH VARIOUS ANGLES** OR **PERPENDICULAR**.
- PARKING CAN ALSO BE DONE IN **BASEMENT** OR **ON SURFACE OUTSIDE THE COMPLEX**.
- SURFACE PARKING REQUIRES LESS SPACE THAN THE BASEMENT PARKING DUE TO ABSENCE OF COLUMNS.
- IN CASE OF BASEMENT PARKING, THERE SHOULD BE ENOUGH PROVISION TO BE ECONOMICAL IN THIS VIEW BUT FOR HIGHLY COMMERCIALIZED AREAS WHERE THE LAND VALUE IS VERY HIGH, THIS CAN BE FEASIBLE.
- IN CASE OF BASEMENT PARKING, A RELATIVELY NARROW COLUMN GRID PATTERN CAN BE USED, WITH CAREFUL PLANNING AND DESIGN, REDUCE BUILDING COST AND HEIGHT WITHOUT ANY LOSS OF FUNCTION.

Typical Vehicular Dimensions:



TYPICAL PARKING LAYOUTS:

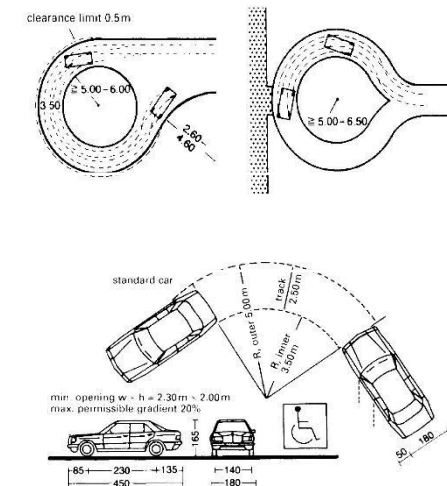
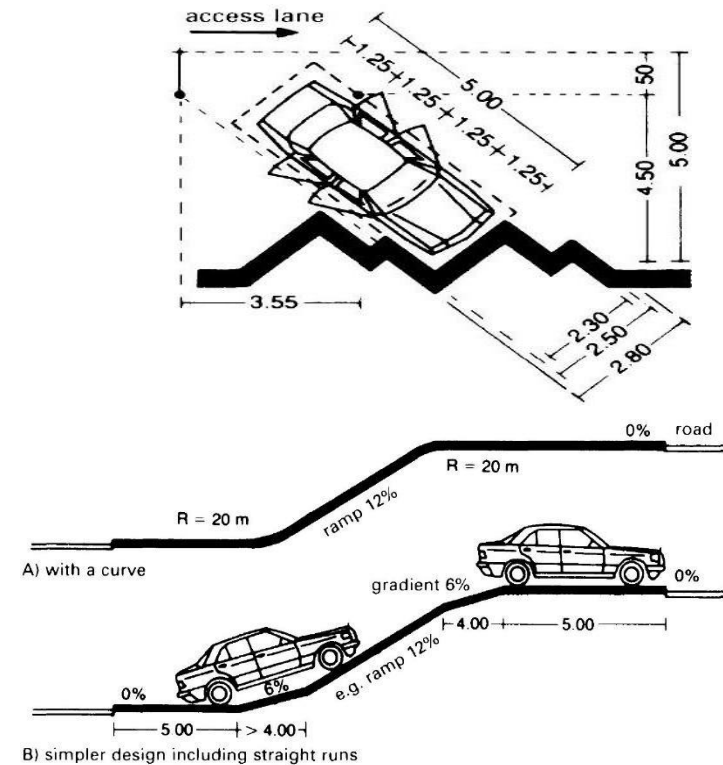


RAMPS FOR BASEMENT PARKING:

- FOR EACH CAR RAMP, THE RUN MUST BE MORE THAN 5M LONG, WITH RAMPS THAT CAN BE UP TO 12% GRADIENT.

AUTOMOBILE DIMENSIONS & TURNING RADIUS:

type of vehicle	length (m)	width (m)	height (m)	turning circle radius (m)
motorcycle	2.20	0.70	1.00 ²⁾	1.00
car				
- standard	4.70	1.75	1.50	5.75
- small	3.60	1.60	1.50	5.00
- large	5.00	1.90	1.50	6.00
truck				
- standard	6.00	2.10	2.20 ¹⁾	6.10
- 7.5t	7.00	2.50	2.40 ¹⁾	7.00
- 16 t	8.00	2.50	3.00 ¹⁾	8.00
- 22t (+16 t trailer)	10.00	2.50	3.00 ¹⁾	9.30
refuse collection vehicle				
- standard 2-axle vehicle (4 × 2)	7.64	2.50	3.30 ¹⁾	7.80
- standard 3-axle vehicle (6 × 2 or 6 × 4)	1.45	2.50	3.30 ¹⁾	9.25
fire engine	6.80	2.50	2.80 ¹⁾	9.25
furniture van	9.50	2.50	2.80 ¹⁾	9.25
(with trailer)	(18.00)			





area analysis



S.NO	FUNCTION COMPONENT	STANDAARD (sq,mt.)	OCCUPANCY (person)	NO. OF MODULES	PROPOSED AREA
	MOSQUE				
01	PRAYER HALL (MEN)	0.85	855	1	736
02	PRAYER HALL (WOMEN)	0.85	217	1	185
03	MUZZIN’S ROOM	15	1	1	15
04	IMAM’S ROOM	15	1	1	15
05	ABULATION AREA	0.65	307	1	200
06	SHOES AREA	0.1	3000		300
07	TOILET (MALE)	WC – 1.2 WB - 0.6		1	28
08	TOILET (FEMALE)	WC – 1.2 WB – 0.6		1	28
	TOTAL				1507
	RESTAURANT				
01	SEATING	3.7	50	1	187
02	KITCHEN & STORE 40% OF SEATIONG AREA			2	60
	TOTAL				247

	RECEPRTION				
01	RECEPTION	3	2	1	6
02	ENQUIRY OFFICE	15	2	1	30
03	ENTRANCE FOYER	0.65	265	1	174
	TOTAL				210
	EXHIBITION HALL				
01	HALL	1.40	150	2	212
02	STORAGE	20% OF EXHIBITION AREA		2	106
	TOTAL				530
	ART GALLERY				
01	HALL	0.8	662	2	530
	TOTAL				530

	AUDITORIUM				
01	TYPE 1	1.2		1	130
02	TYPE 2,3	1.2		2	456
03	STAGE				36
04	PROJECTION ROOM	MIN.3X4.5 mt		1	40.5
05	LIGHT & SOUND ROOM	MIN.3X4.5 mt		1	40.5
	TOTAL				670
	SEMINAR ROOMS				
01	SEMINAR 1,2	1.5		2	530
	TOTAL				530
	HEALTH CLUB				
01	HALL	2.4			286
	TOTAL				286

	COONFERENCE HALL				
01	HALL 1,2	2	286	2	572
	TOTAL				572
	CONVENTION HALL				
01	HALL	1.5		1	286
	TOTAL				286
	TOTAL AREA				
	PRIVATE SPACE	1144			
	SEMI PRIVATE	2058			
	PUBLIC SPACE	3024			
	TOTAL	6226			
	30% OF CIRCULATION	1868			
	TOTAL	8094			

	LIBRARY				
01	READING AREA	1.2	120	1	145
02	GENERAL READING ROOM	1.5	20	1	30
03	RECEPTION COUNTER& RECIPT& ISSUE NEW BOOKS				12
04	STACK ROOM				
05	REFERENCE BOOKS	100/SQ.MT	2500 BOOKS	1	25
06	WORK & SELECTION FOR STAFF				
07	LIBRAIAN	12	1	1	12
08	DOCUMENTATION OFFICER	15	1	1	15
09	ASSISTANT OFFICER	15	1	1	15
10	DOCUMENTATION ASSISTANT	6	1	2	12
11	TYPING AND PRESS CUTTING ASSISTANT	10	2	2	20
	TOTAL				286

	ADMINISTRATION DEPTT.				
01	ESTATE MANAGER	25	1	1	25
02	P.A TO ESTATE MANAGER	10		1	10
03	GENERAL MANAGER	25		1	25
04	P.A TO GENERAL MANAGER	10		1	10
05	ACCOUNTS	5SQ.MT/TABLE		3	300
06	ADMINISTRATION OFFICE	5SQ.MT/TABLE		3	120
07	PRESS PUBLICATION	0.8		3	90
08	CONTROL ROOM	25		3	75
09	STORES	20		3	60
10	CONFERENCE ROOM	2		3	75
11	PHOTOCOPY AREA	6		1	6
11	SERVER ROOM	12		1	12
11	STAFF ROOM	25		2	50
	TOTAL				858



Concept development

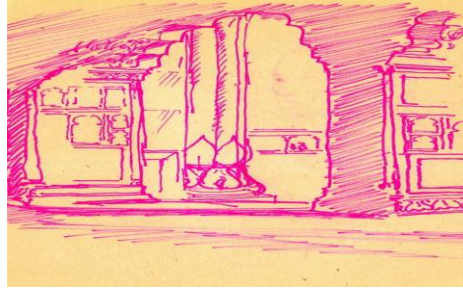
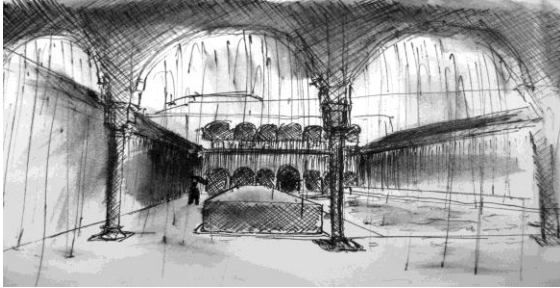


CONCEPT:

AN ISLAMIC BUILDING SPACES ARE DIVIDED ACCORDING THE PRIVACY AND NATURE OF BUILDING AS THE ISLAMIC BUILDING PRIVACY AND SEGREGATION OF SPACE PLAYS VERY IMPORTANT ROLE THE MORE IMPORTANT ASPECT AS ISLAMIC ARCHITECTURE IS THAT CONCENTRATION ON INTERIOR AS WELL AS EXTERIOR FACADE AND BLEND WITH CONTEMPERARY STYLE.

ANOTHER FIXTURE OF ISLAMIC ARCHITECTURE IS THE **ARCH**. EVIDENT IN BOTH ENTRANCES AND INTERIORS.

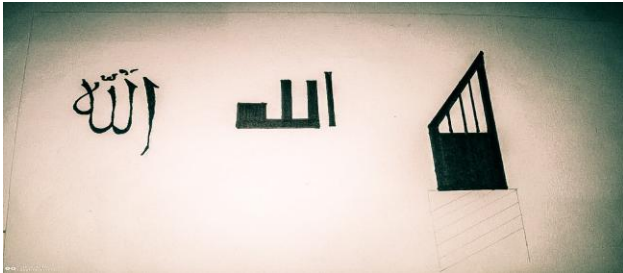
ARCHES



MINARET

A **MINARET** IS A SPIRE OR TOWER-LIKE STRUCTURE FEATURING SMALL WINDOWS AND AN ENCLOSED STAIRCASE. IT IS ONE OF THE OLDEST ELEMENTS OF ISLAMIC ARCHITECTURE, AND IS FOUND NEXT TO MOST MOSQUES.

THE PRIMARY FUNCTION OF THE MINARET IS TO ALLOW THE **MUEZZIN** TO CALL WORSHIPPERS TO PRAYER FROM AN ELEVATED POINT.



LIGHT

THE LIGHT IS A SOURCE OF ENERGY. IT MAKES THE EARTH SUSTAINABLE AND COLOURFUL. LIGHT IS THE BASIC CONCEPT OF GOD IN ISLAM.

FACADE



CALLIGRAPHY



DECORATIVE DETAILS A FINAL ELEMENT OF ISLAMIC ARCHITECTURE IS AN ATTENTION TO **ORNAMENTAL DETAIL**.

OFTEN RESERVED FOR INTERIORS, THIS LAVISH APPROACH TO DECORATION INCLUDES JEWEL-LIKE TILES ARRANGED INTO GEOMETRIC MOSAICS, PATTERNED BRICKWORK AND KALEIDOSCOPIC STONES, AND EXQUISITE CALLIGRAPHIC ADORNMENTS.

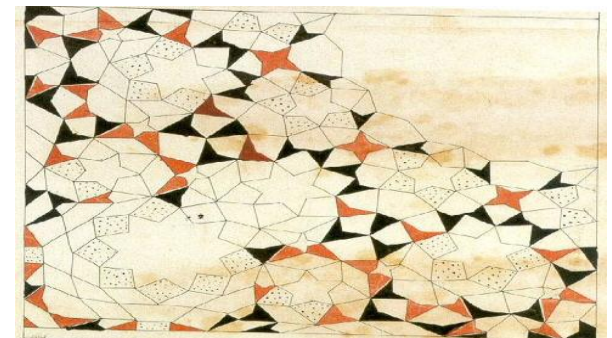
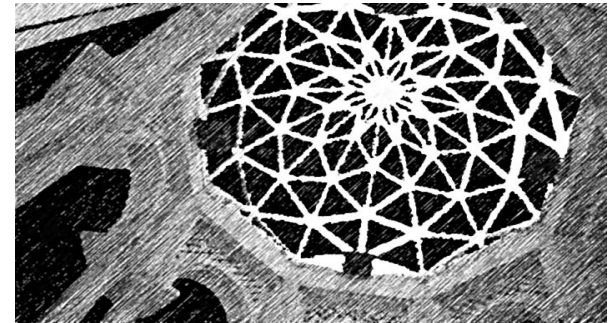
DOME

ISLAMIC ARCHITECTS ALSO INCORPORATE **DOMES** INTO THEIR DESIGNS.

ISLAMIC ARCHITECTURE IS ONE OF THE WORLD'S MOST CELEBRATED BUILDING TRADITIONS. KNOWN FOR ITS RADIANT COLORS, RICH PATTERNS, AND SYMMETRICAL SILHOUETTES, THIS DISTINCTIVE APPROACH HAS BEEN POPULAR IN THE MUSLIM WORLD SINCE THE 7TH CENTURY.

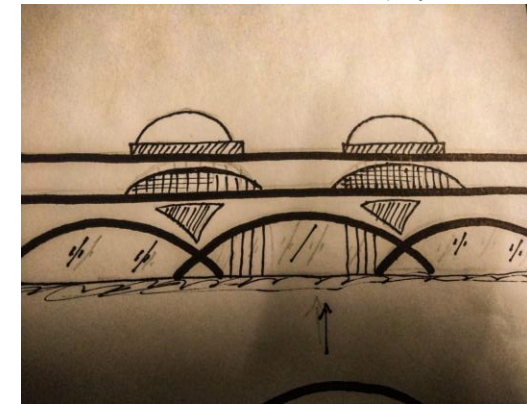
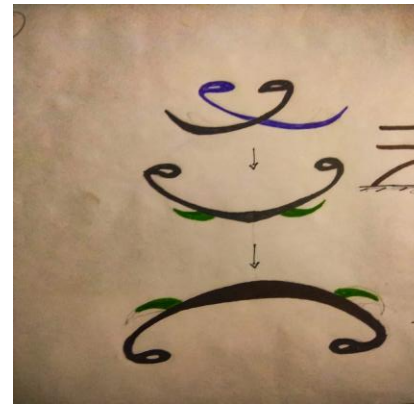
AN **ISLAMIC GARDEN** IS GENERALLY AN EXPRESSIVE ESTATE OF LAND THAT INCLUDES THEMES OF WATER AND SHADE. THEIR MOST IDENTIFIABLE ARCHITECTURAL DESIGN REFLECTS THE CHARBAGH QUADRILATERAL LAYOUT WITH FOUR SMALLER GARDENS DIVIDED BY WALKWAYS OR FLOWING WATER.

DECORATIVE DETAILS A FINAL ELEMENT OF ISLAMIC ARCHITECTURE IS AN ATTENTION TO **ORNAMENTAL DETAIL**. OFTEN RESERVED FOR INTERIORS, THIS LAVISH APPROACH TO DECORATION INCLUDES JEWEL-LIKE TILES ARRANGED INTO GEOMETRIC MOSAICS, PATTERNED BRICKWORK AND KALEIDOSCOPIIC STONES, AND EXQUISITE CALLIGRAPHIC ADORNMENTS.



CENTRALLY FOCUSED LANDSCAPING WHERE PEOPLE GETS THE FEELING OF BEING IN A ICONICAL BUILDING.

- PERGOLAS & TREES IN FRONT OF BUILDINGS PROVIDING A BETTER WAY OF CIRCULATION.
- TREES AND WATER BODY AT THE WEST TO AVOID SUMMER HOT WINDS. THEY WILL COOL DOWN THE HOT WINDS TO SOME EXTENT.
- SEPARATE V.I.P PARKING
- OPEN AIR THEATER FOR OPEN PERFORMANCE
- OPEN COURTYARD AROUND MOSQUE



URDU ALPHABET

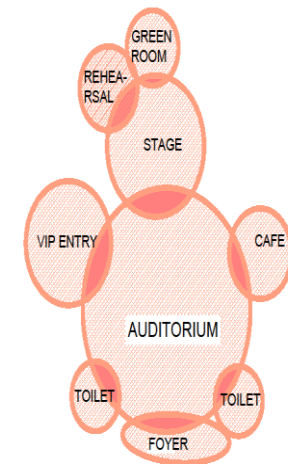
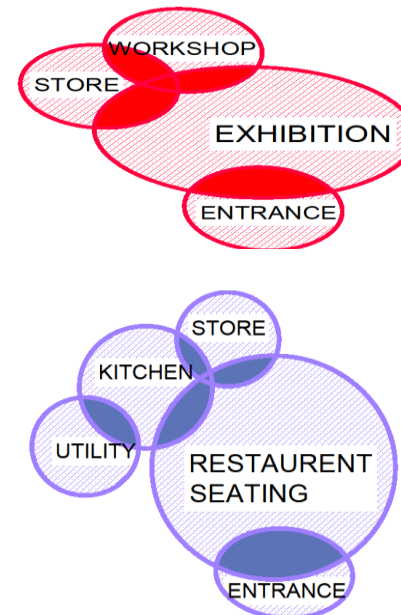
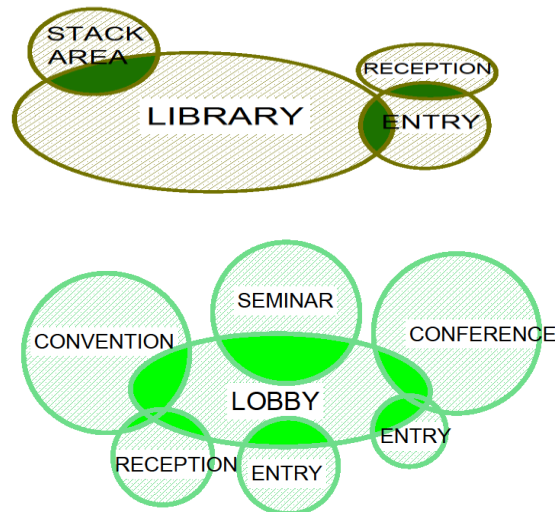
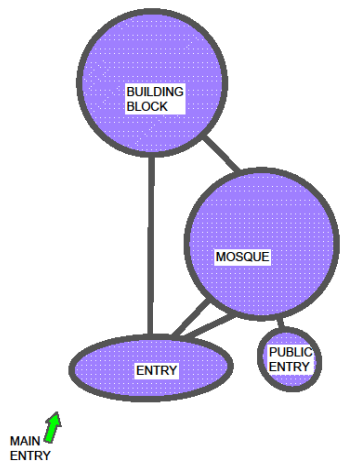
UNIFICATION OF GEOMETRY:

A CONVENTION CENTER IS A PLACE WHERE LOTS OF GROUP ACTIVITIES/GATHRERINGS ARE HELD EITHER IN A SINGLE OR IN A NUMBER OF BLOCK.

DUE TO LARGE NO. OF ACTIVITIES LIKE EXHIBITION, CONVENTION, CONFERENCE, ACADMIC, AUDITORIUM, MOSQUE ETC EACH BUILDING BLOCK GOTTS ITS OWN IDENTITY AND GET SCATTERED



BUBBLE DIAGRAM



SITE ZONING

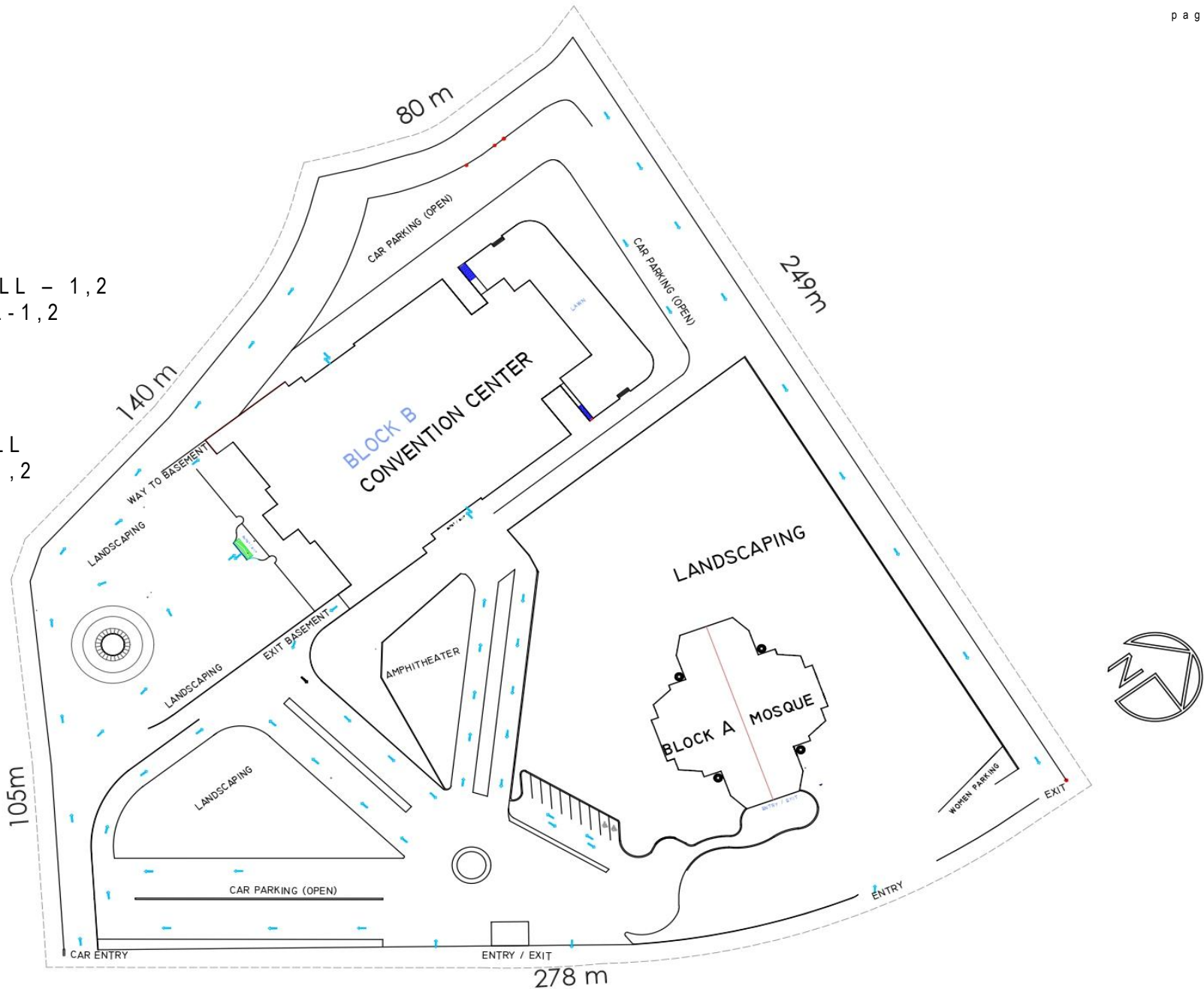
BLOCK A
GROUND FLOOR:
•MOSQUE

BLOCK B
GROUND FLOOR
•RECEPTION
•RESTAURANT
•CONFERENCE HALL - 1,2
•EXHIBITION HALL-1,2

FIRST FLOOR:
•AUDITORIUM
•ADMINISTRATION
•CONVENTION HALL
•ART GALLERY - 1,2

SECOND FLOOR:
•AUDITORIUM
•LIBRARY
•OFFICE
•SEMINAR-1,2

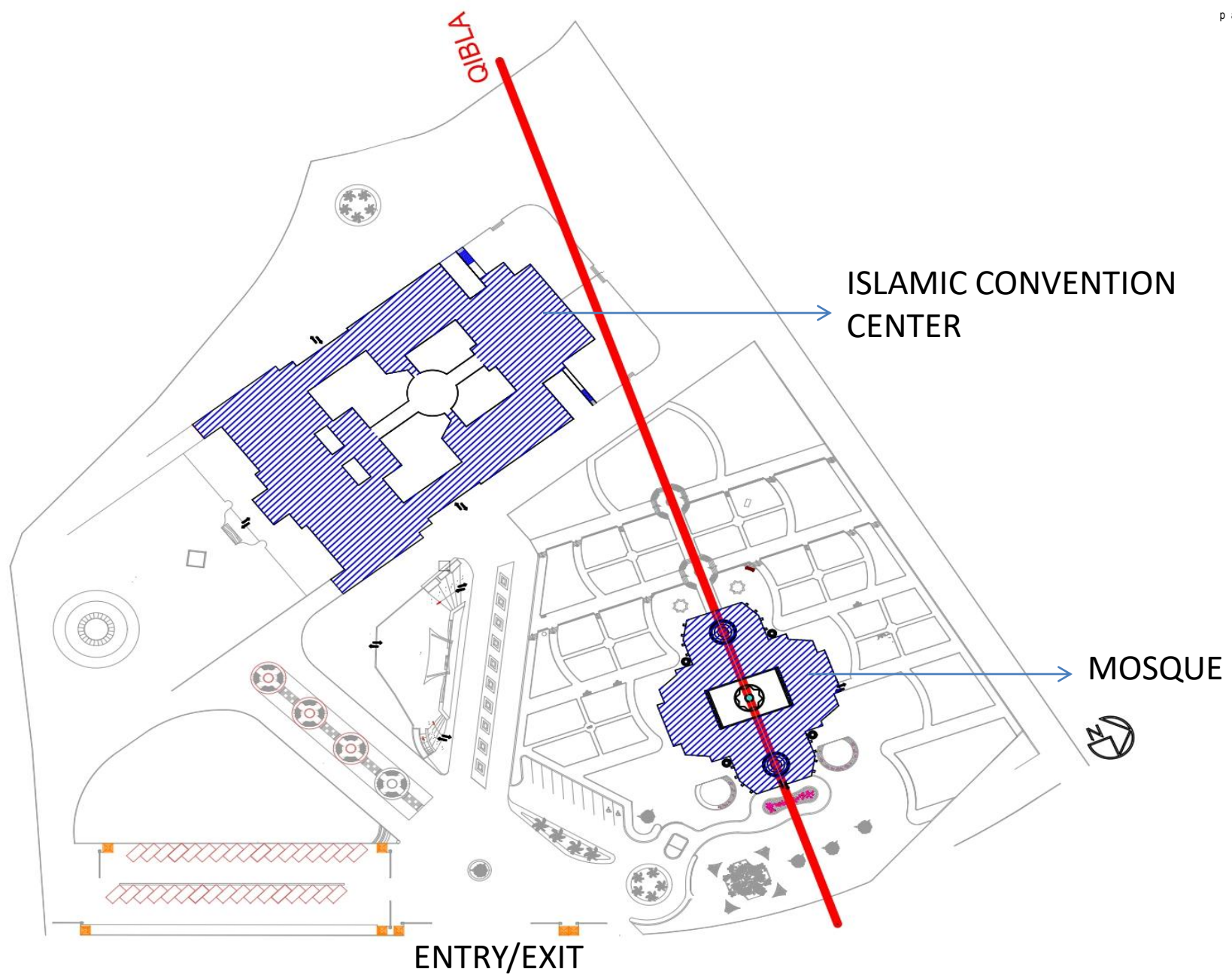
THIRD FLOOR
•OFFICE
•HEALTH CLUB
•AUDITORIUM

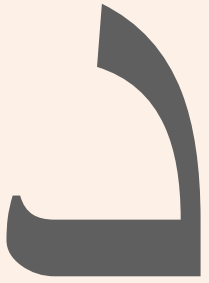




design directives

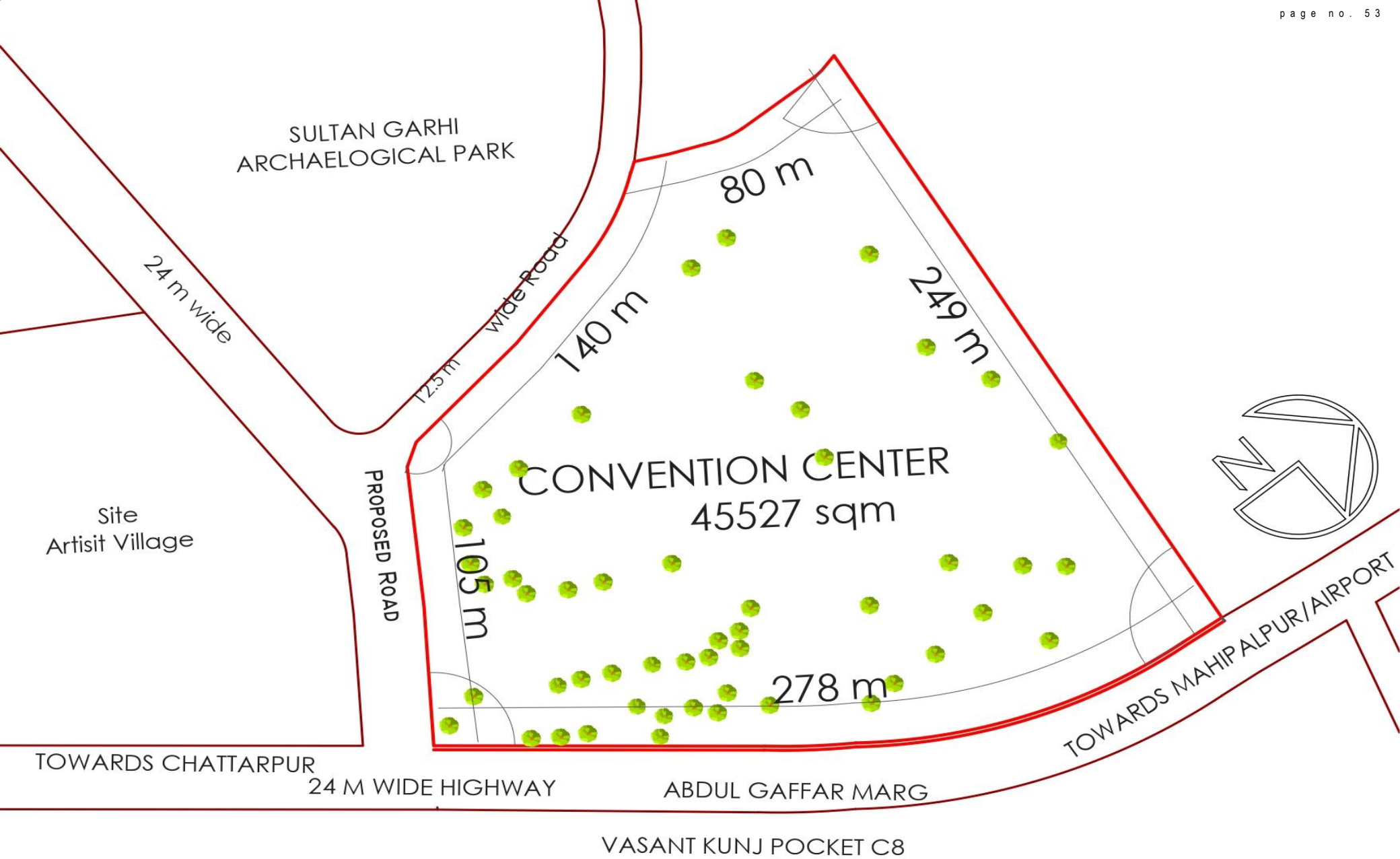






final sheets

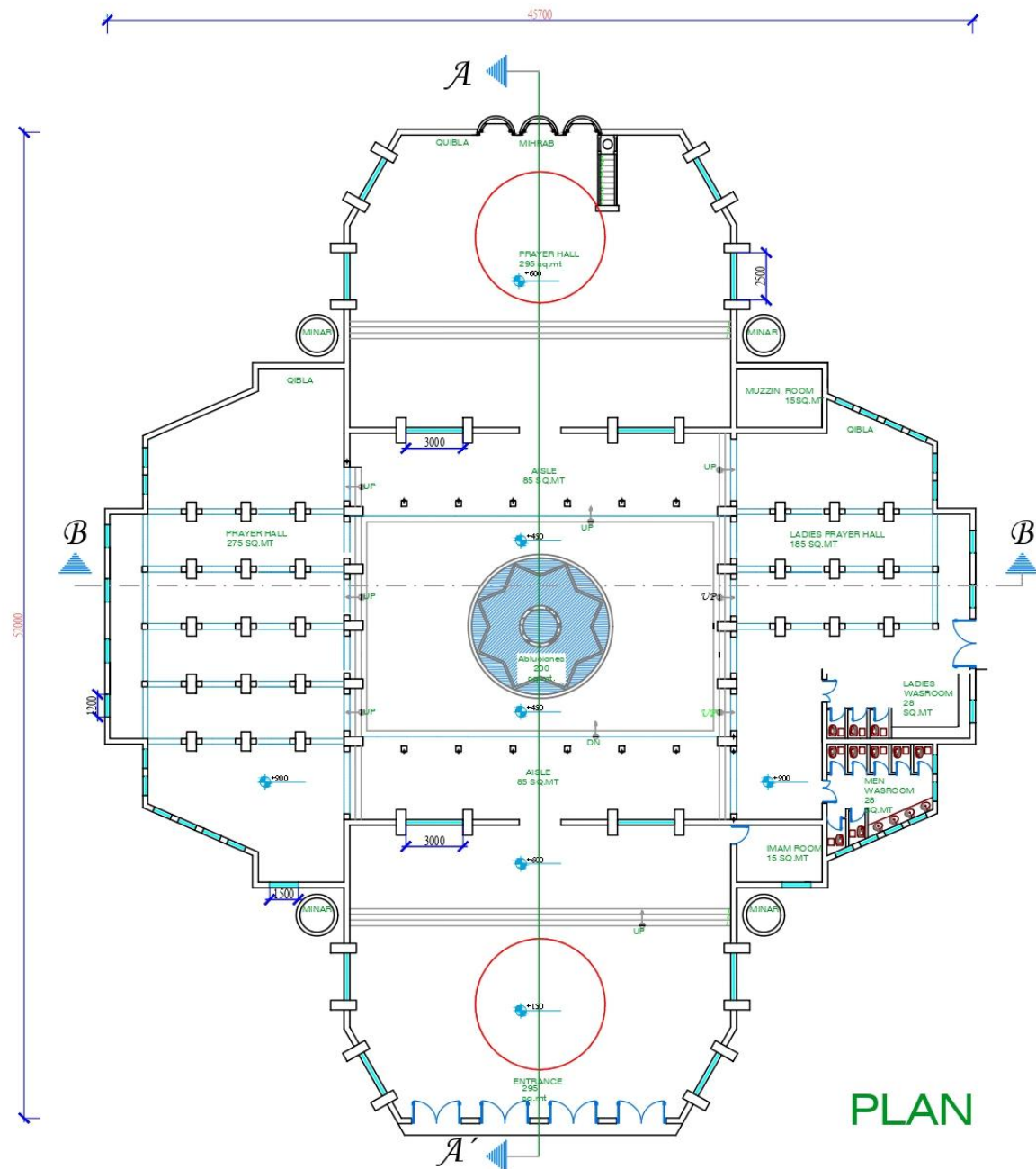


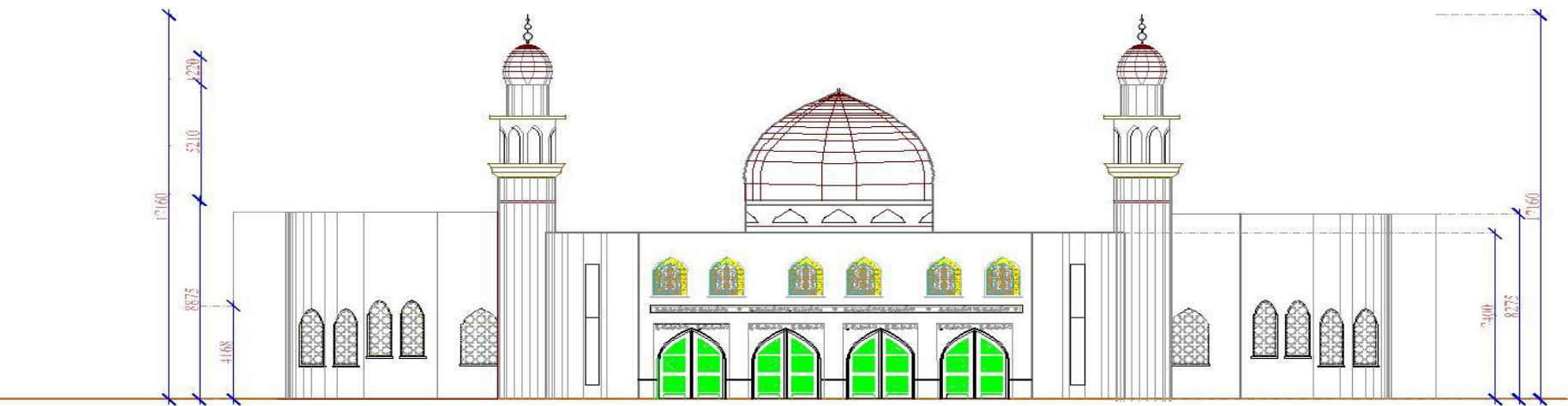




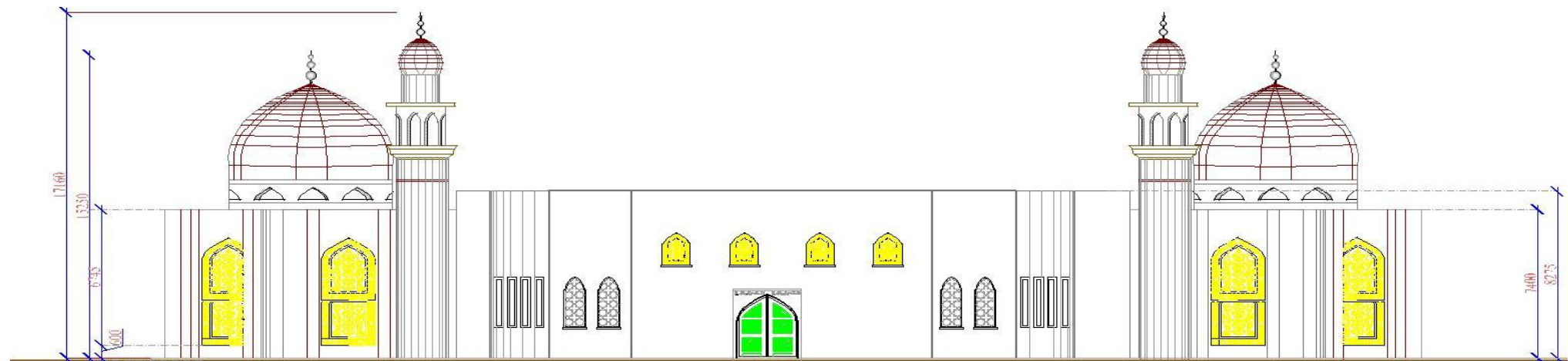
TOTAL AREA OF SITE - 45540.70 SQ.M (II.25 ACRES)
 GROUND COVERAGE - 4124 SQ.MT
 SITE INFORMATION AND REGULATION
 MAXIMUM GROUND COVERAGE = 35%
 F.A.R = 120 = 1.2
 MAXIMUM HEIGHT = 26 M.
 E.C.S = 2ECS/100 SQ.M
 SET BACK
 FRONT = 15M
 REAR = 12M
 SIDE = 12M



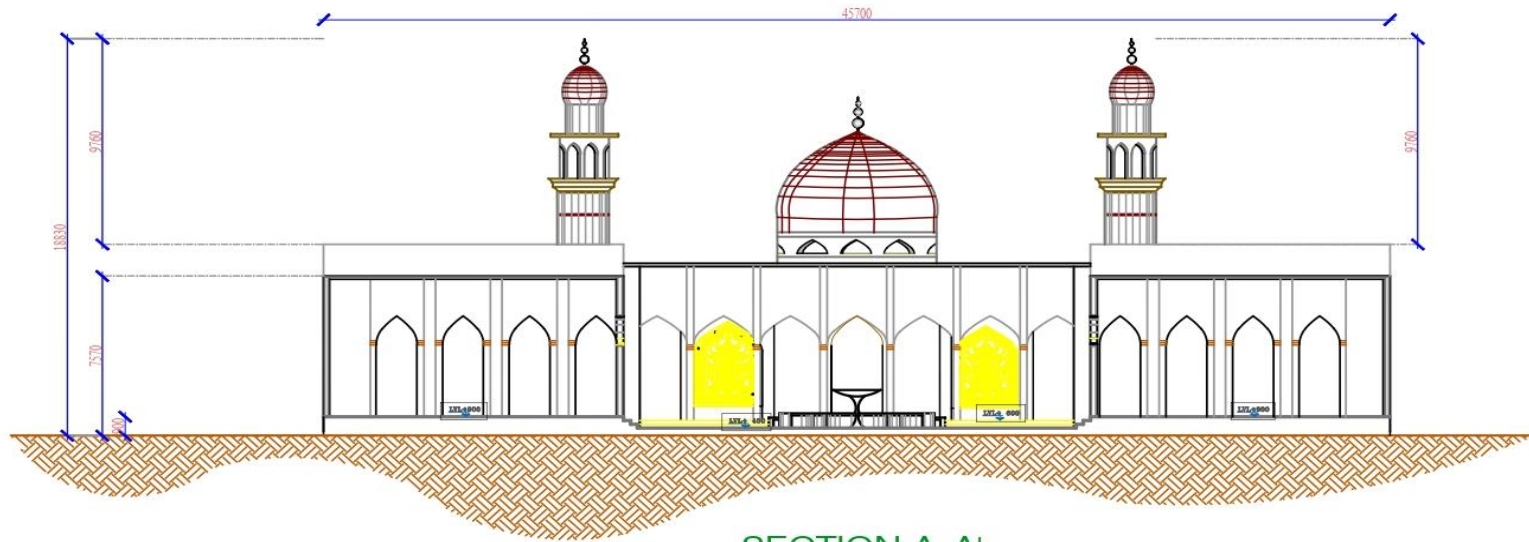




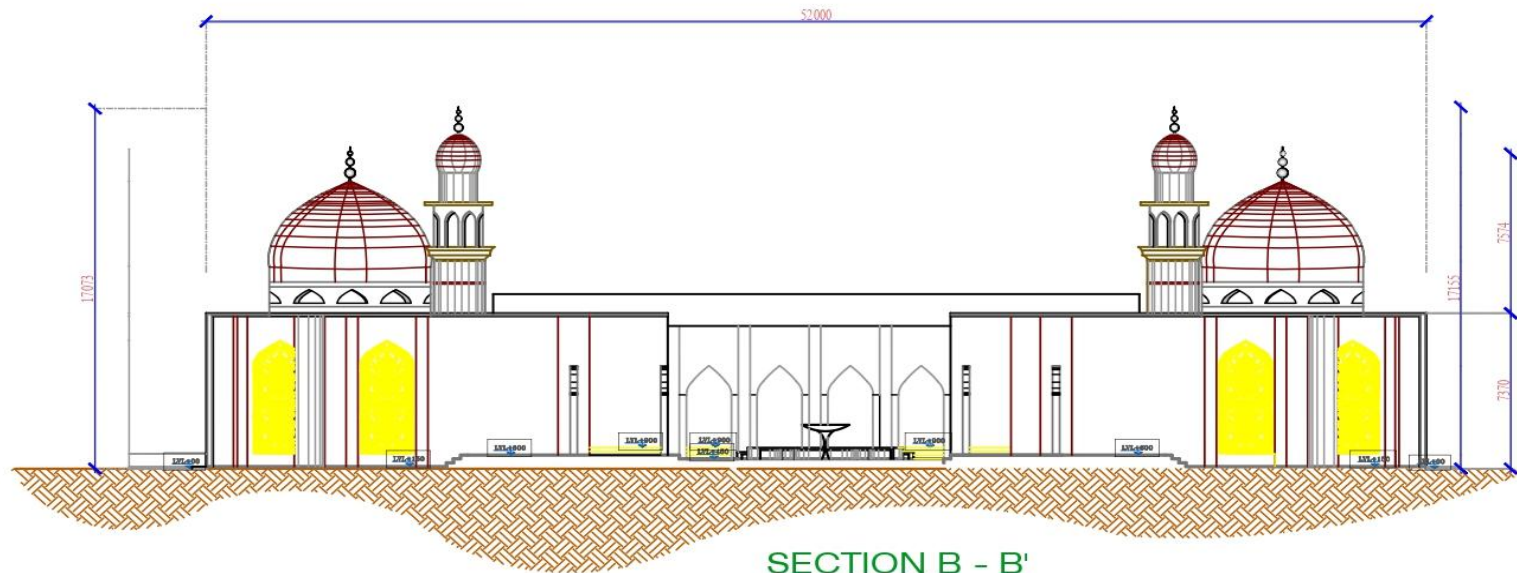
ELEVATION



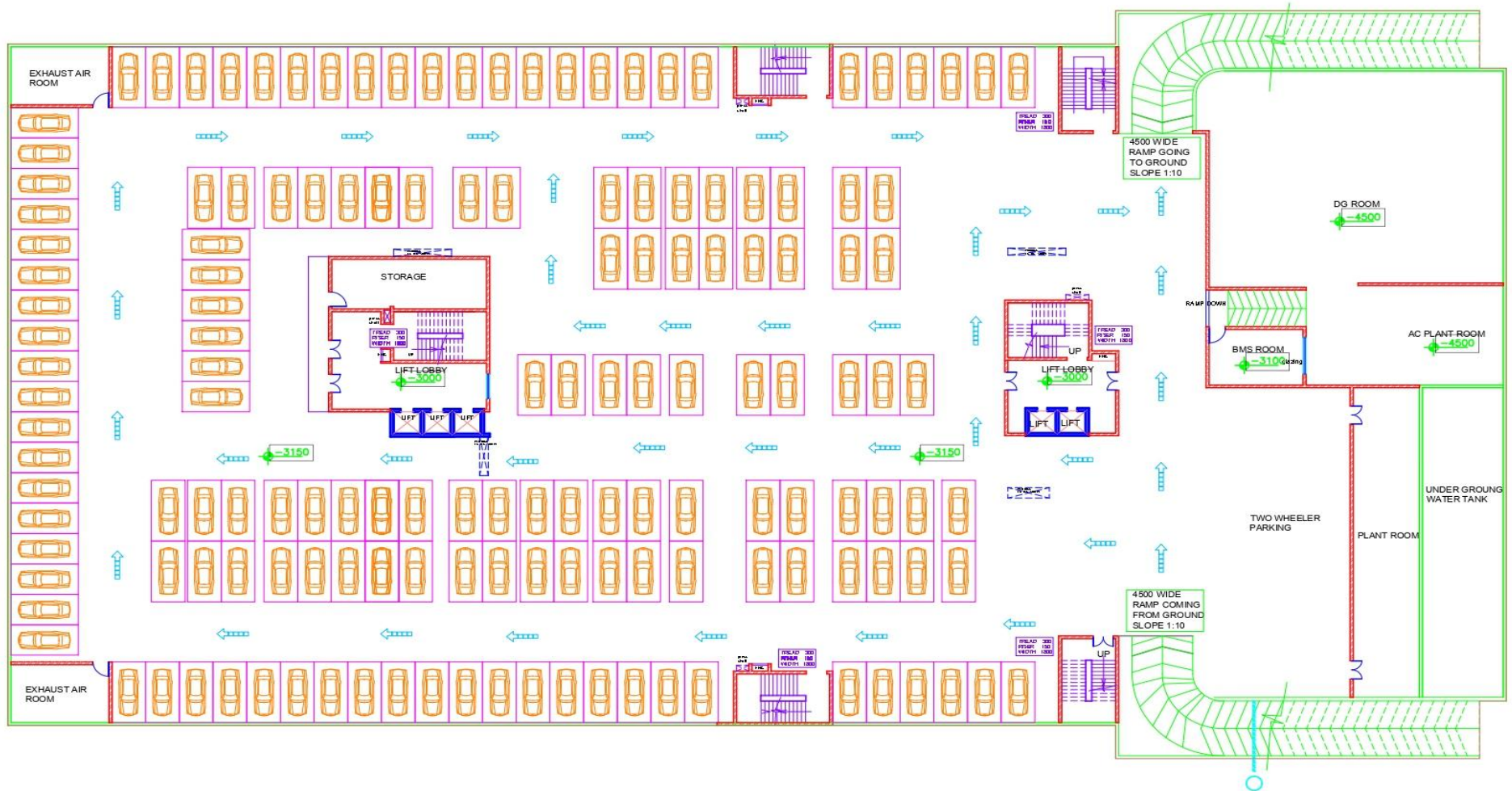
RIGHT SIDE ELEVATION

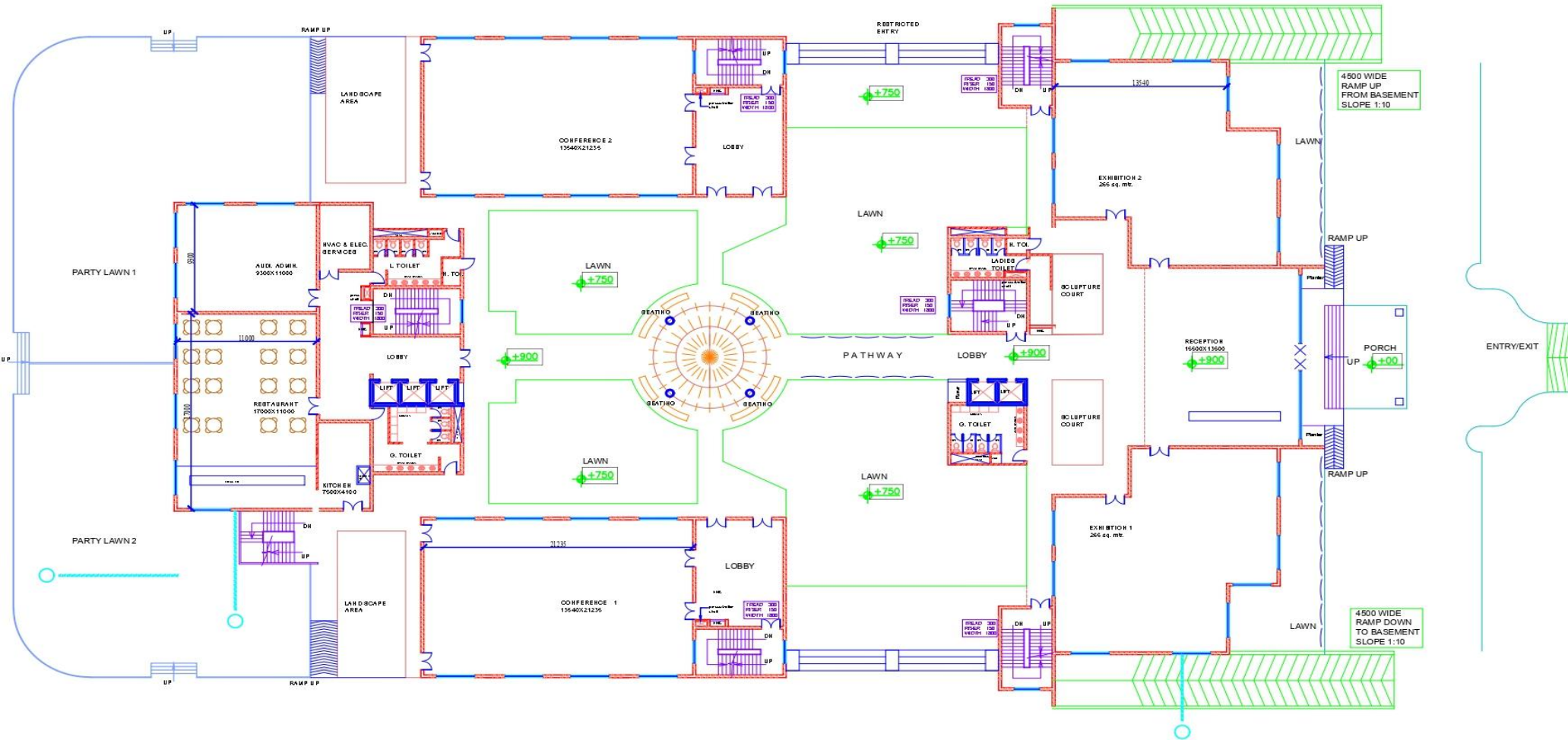


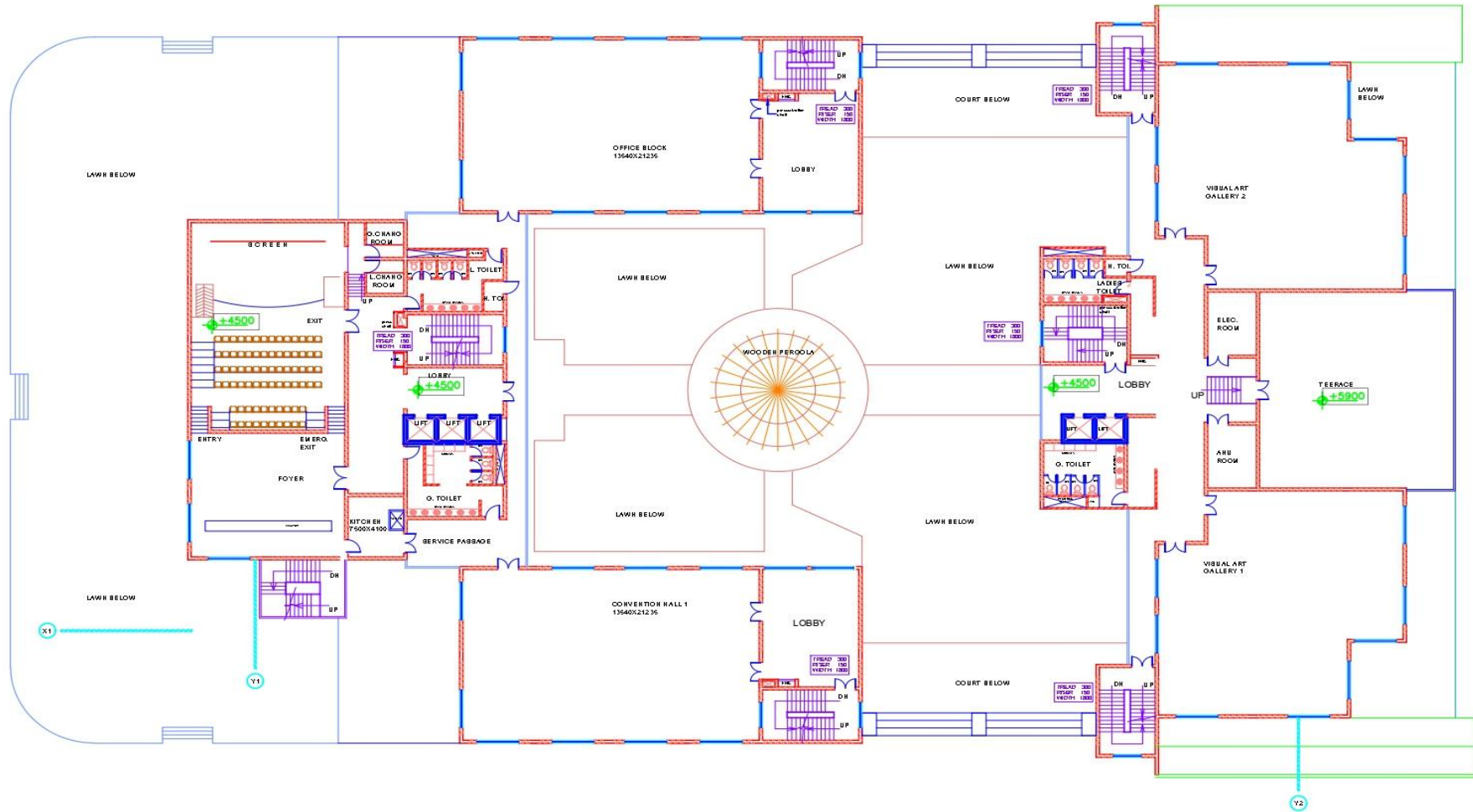
SECTION A-A'

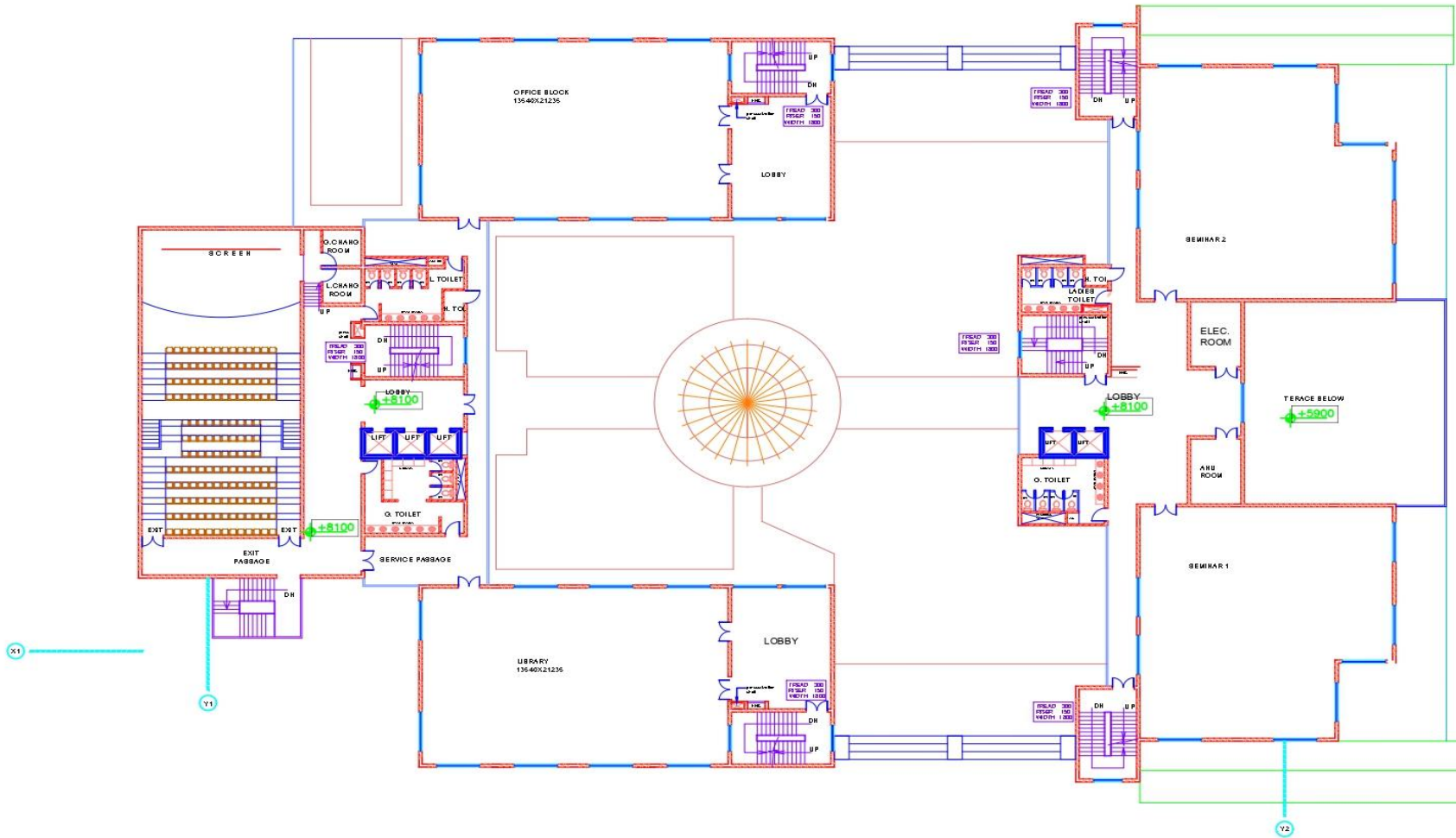


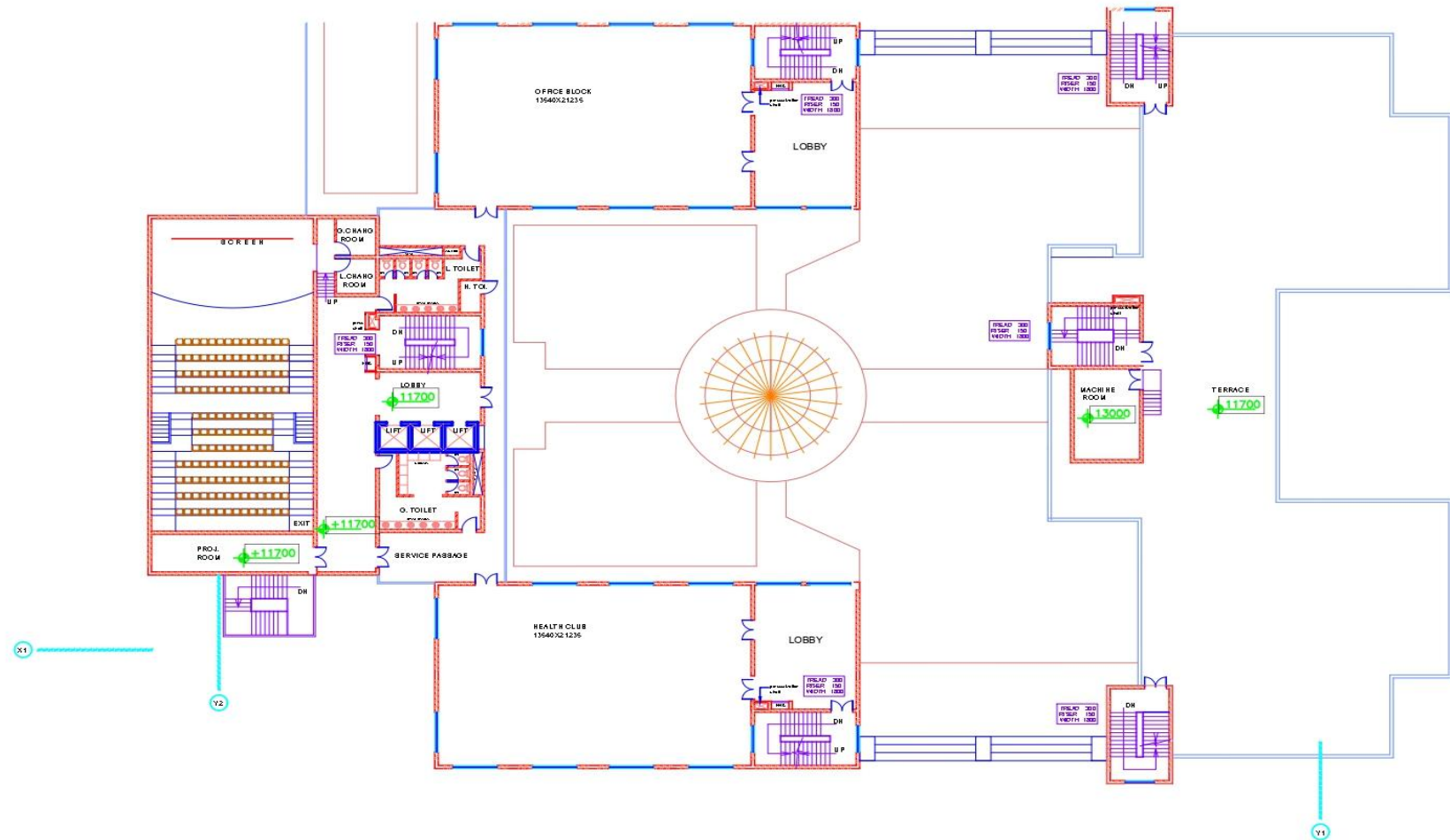
SECTION B - B'









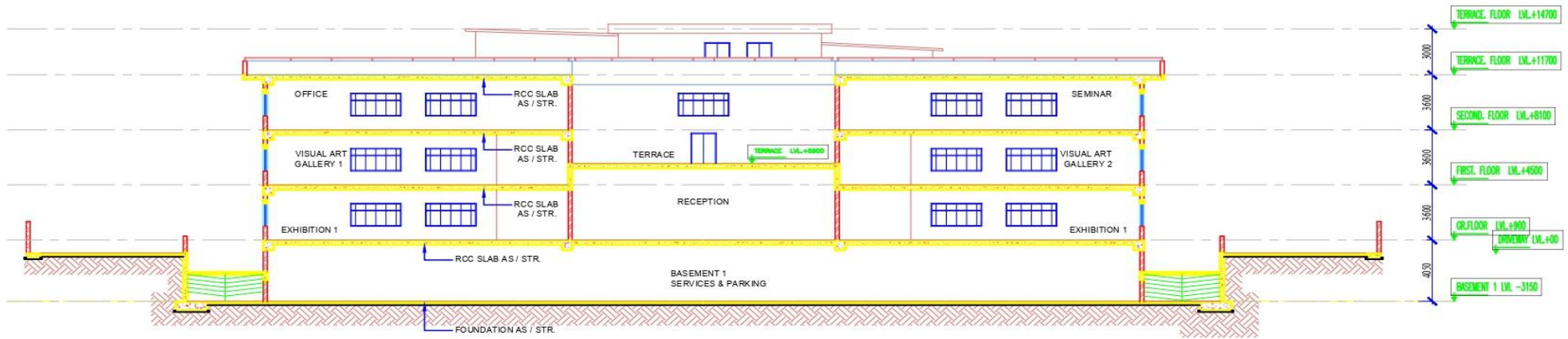




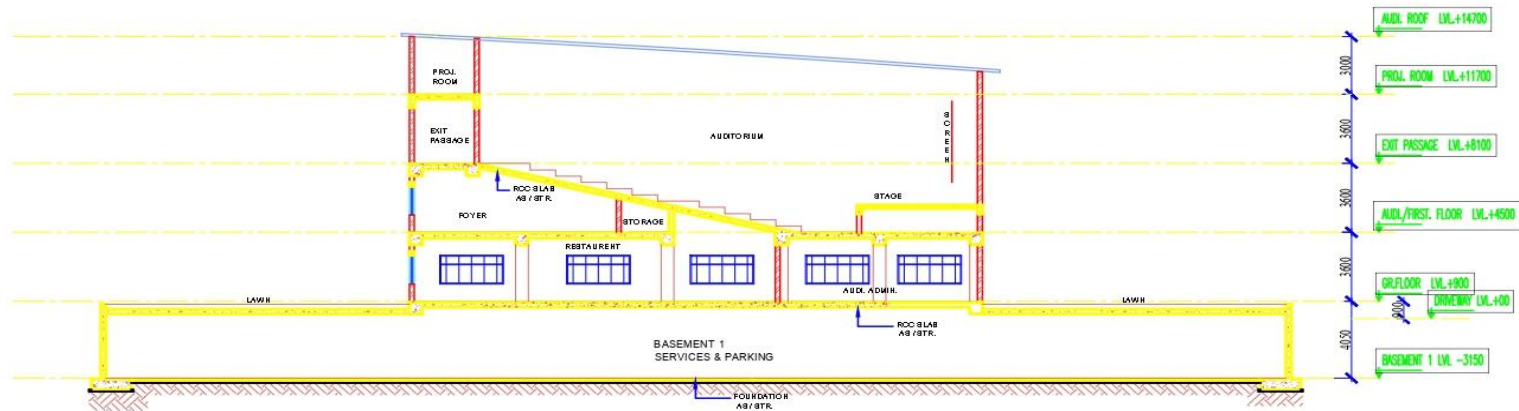
FRONT ELEVATION



LEFT ELEVATION



SECTION Y1



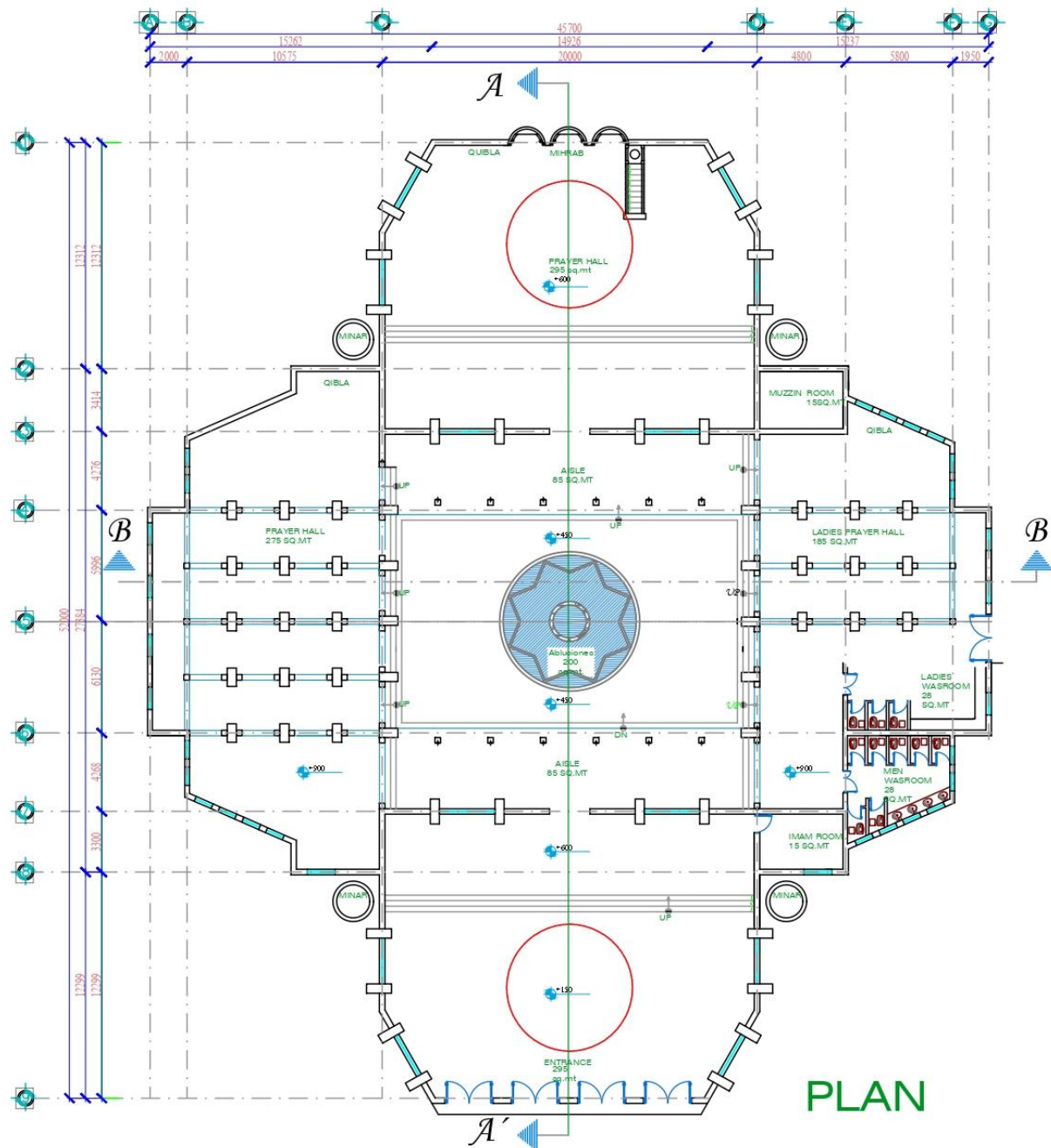
SECTION Y2

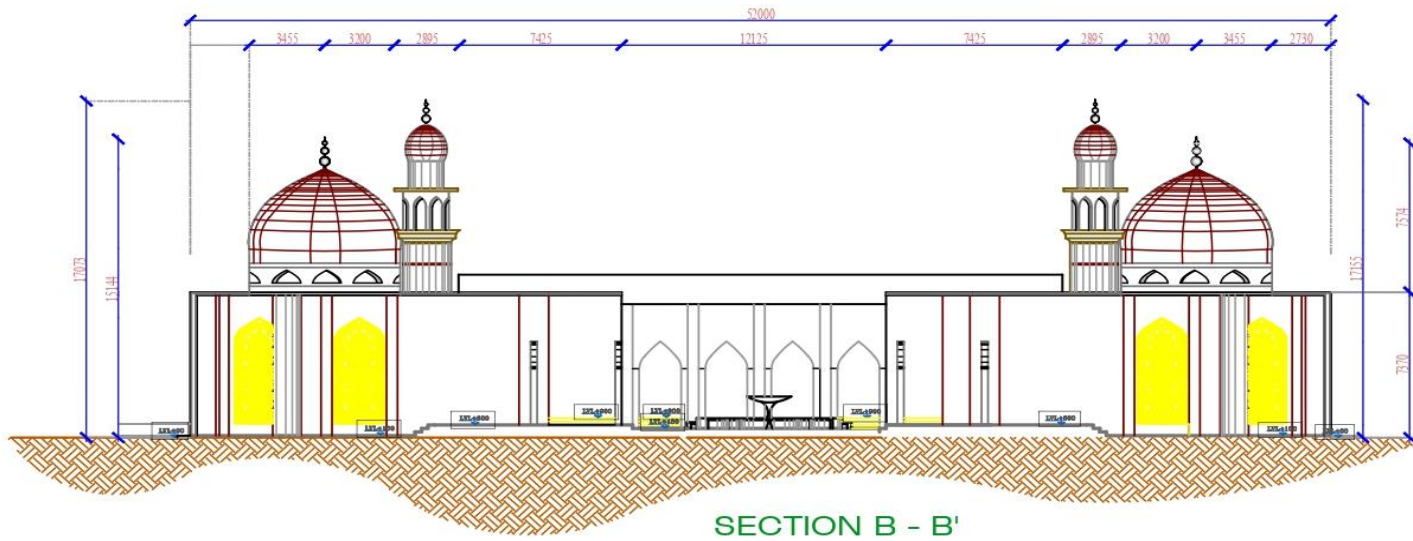
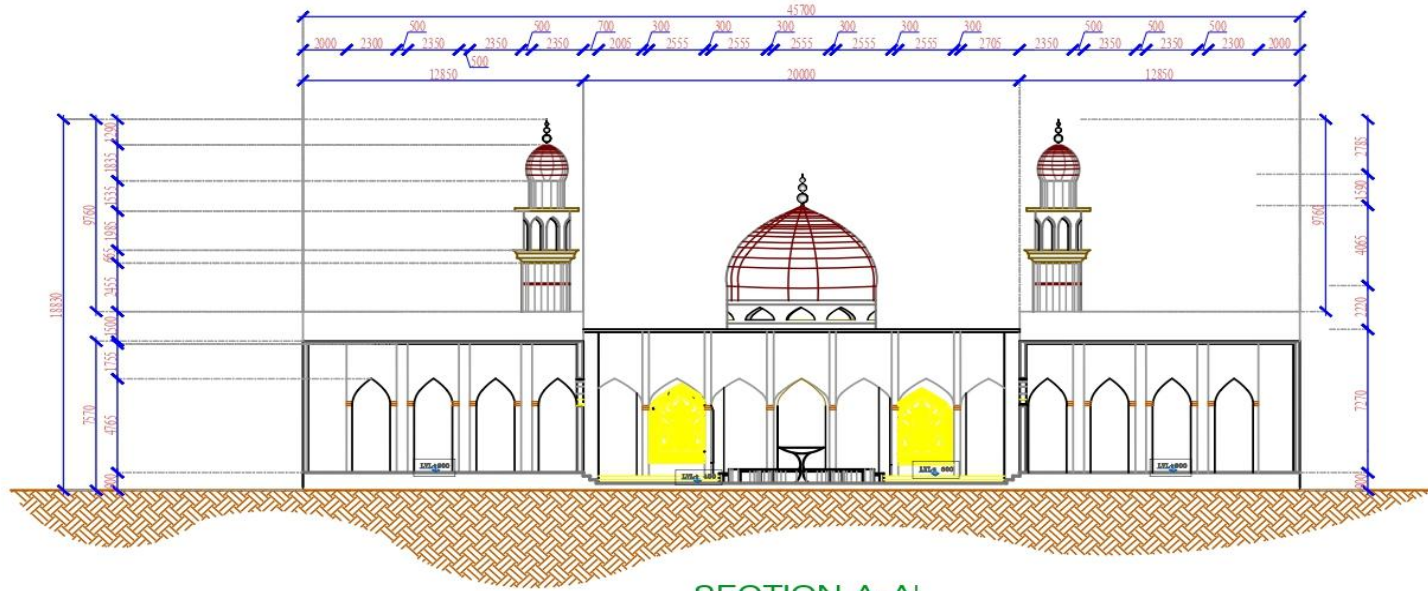


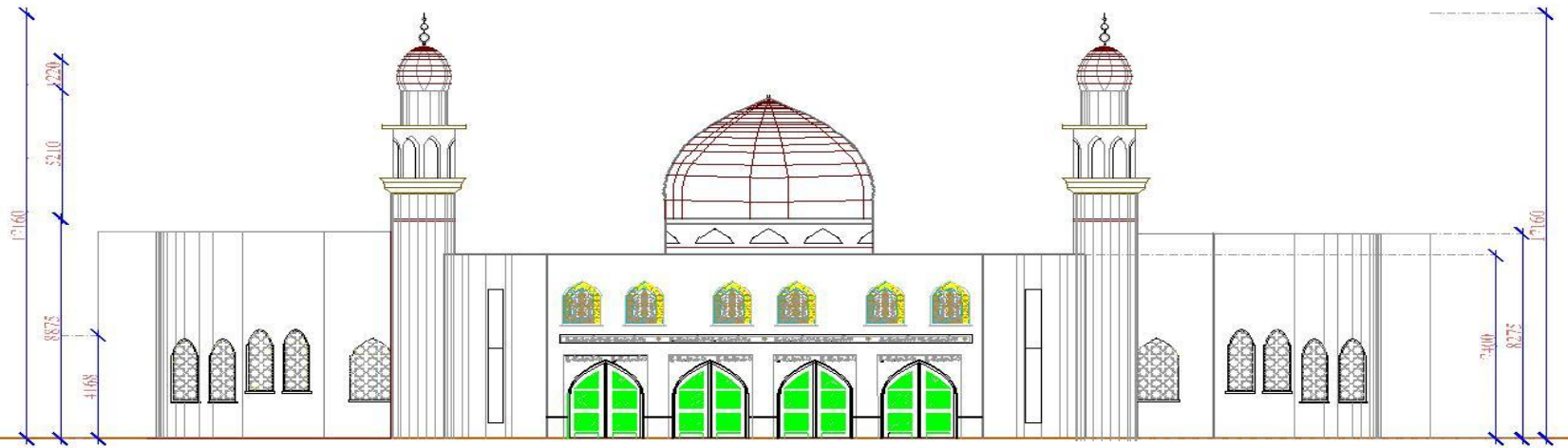
س

elective 01

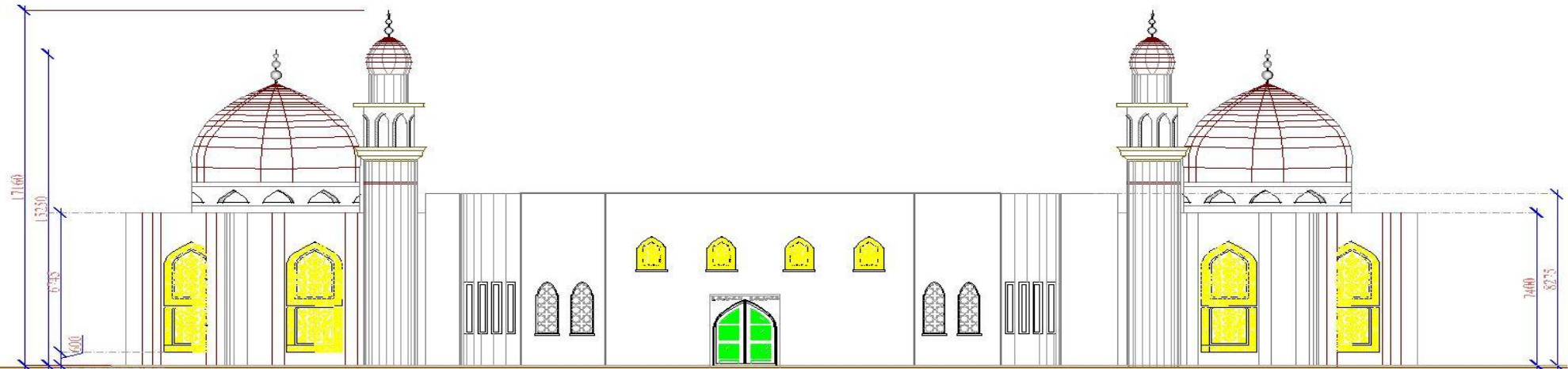




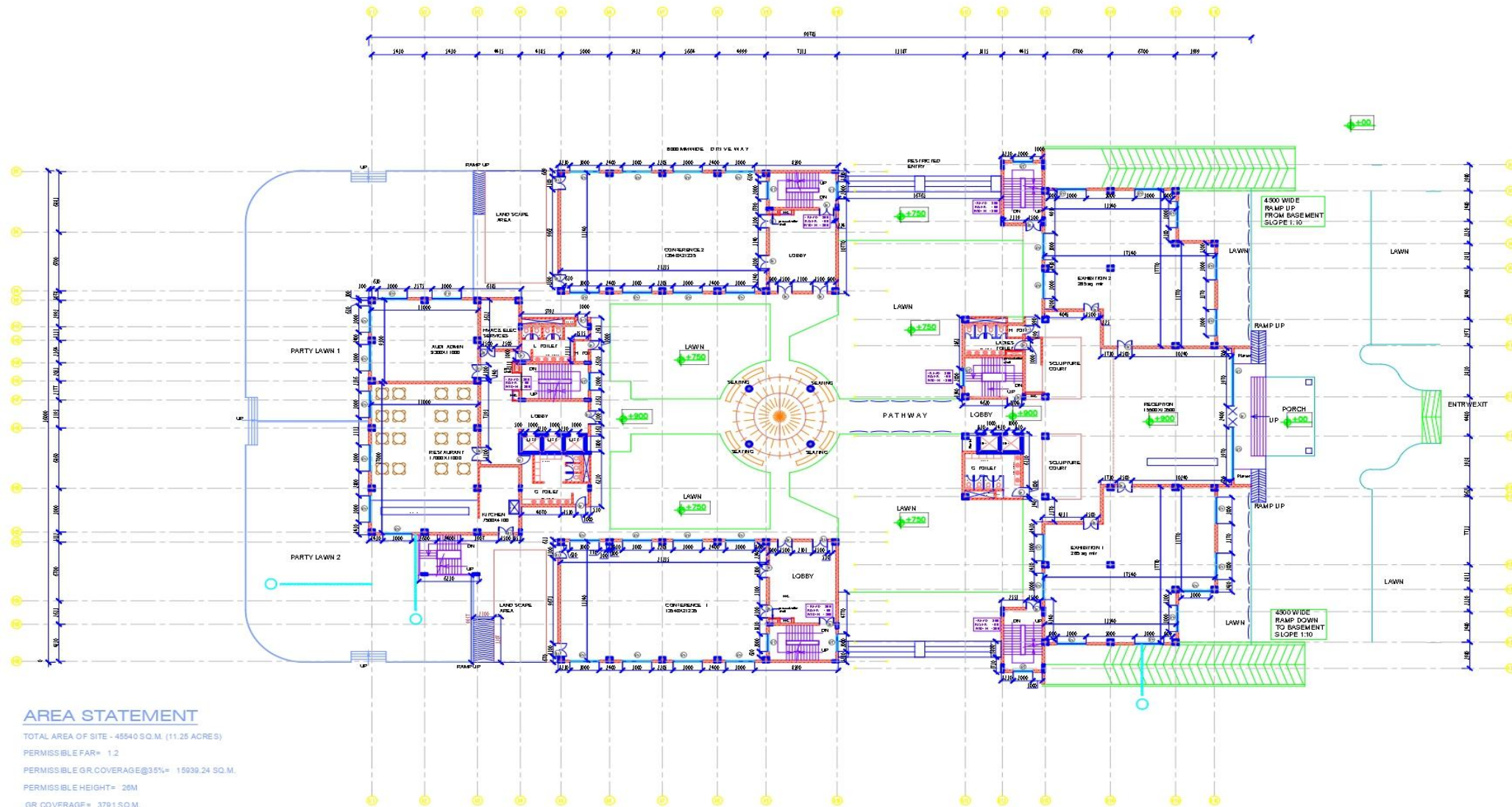




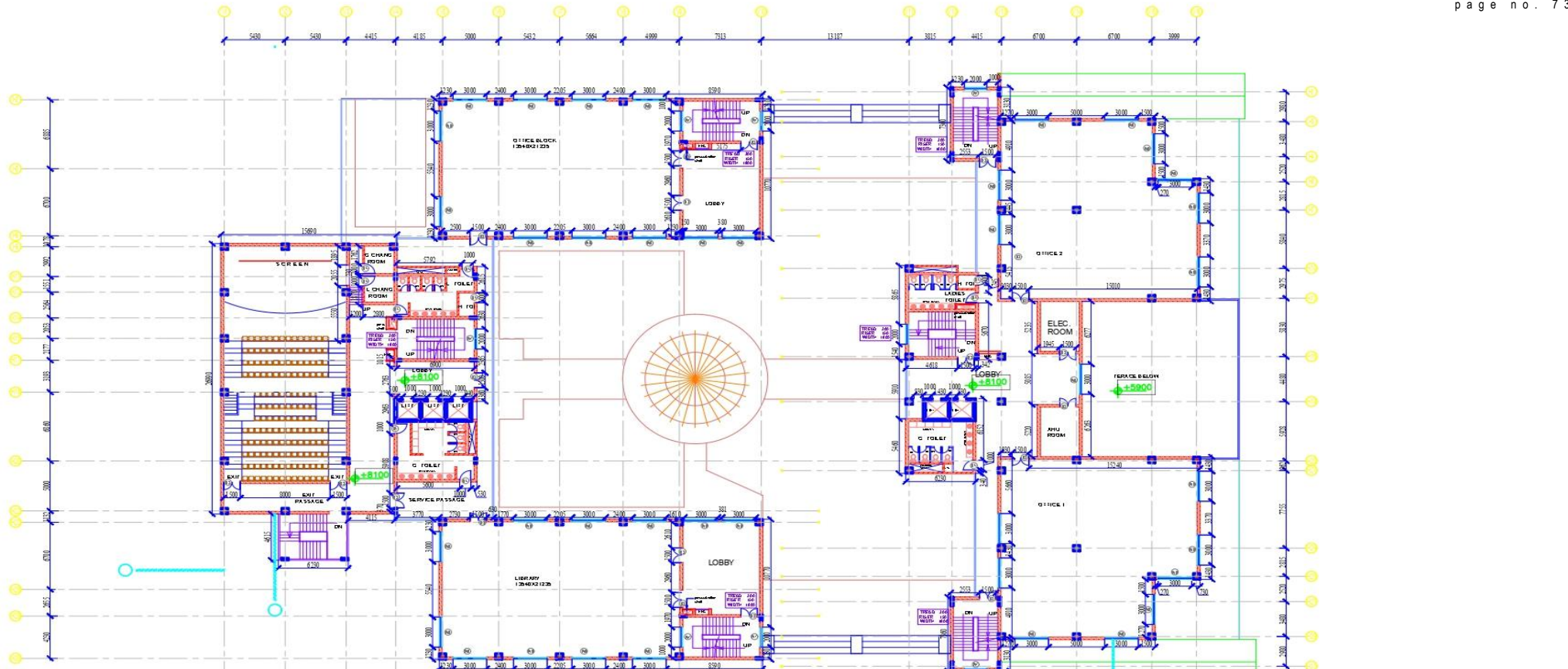
ELEVATION



RIGHT SIDE ELEVATION

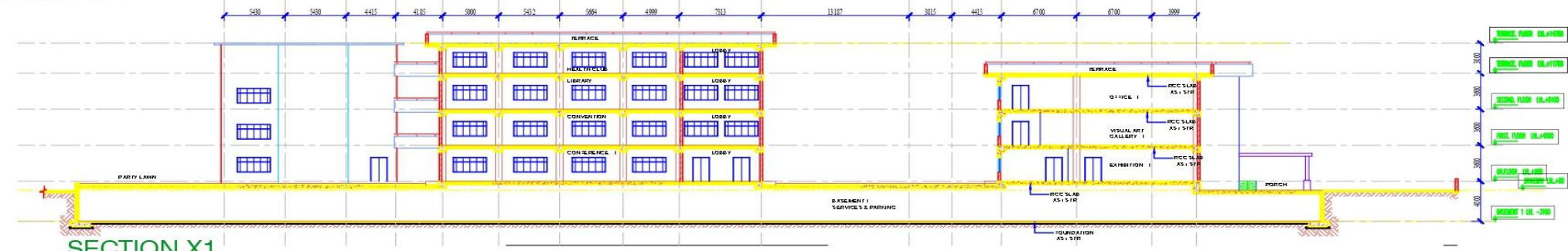


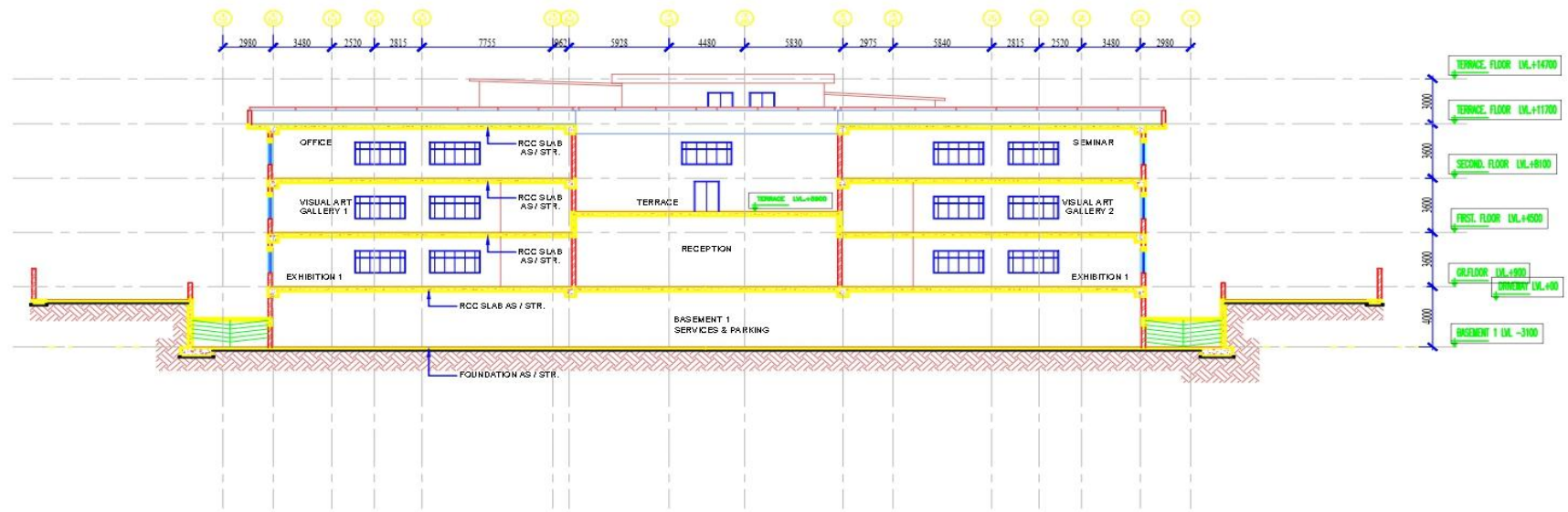




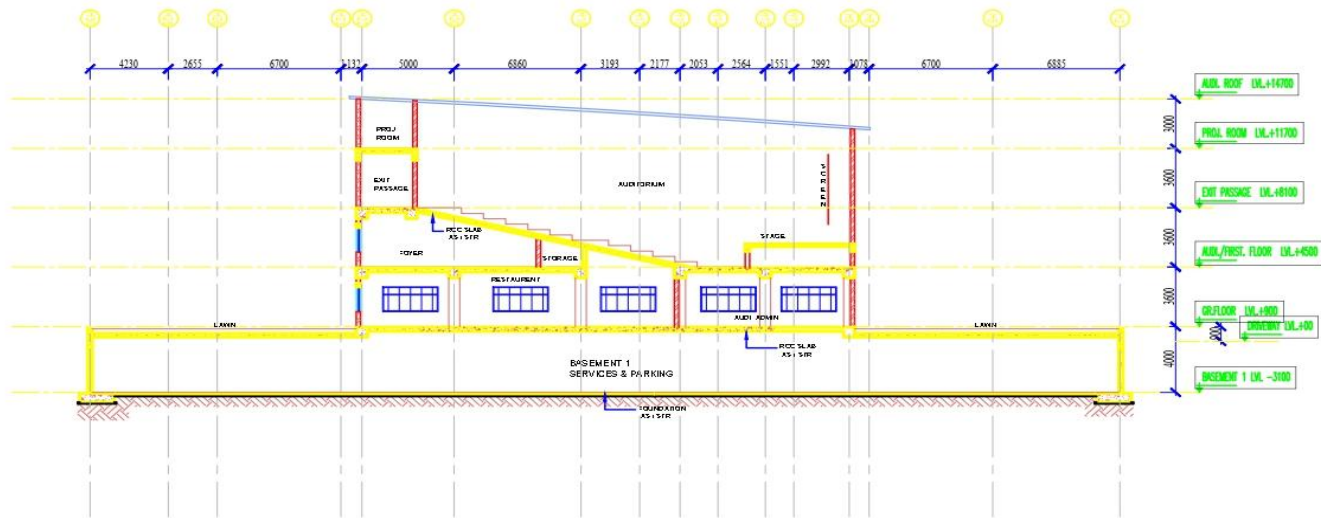
AREA STATEMENT

BILD UP AREA= 2504 SQ.M.





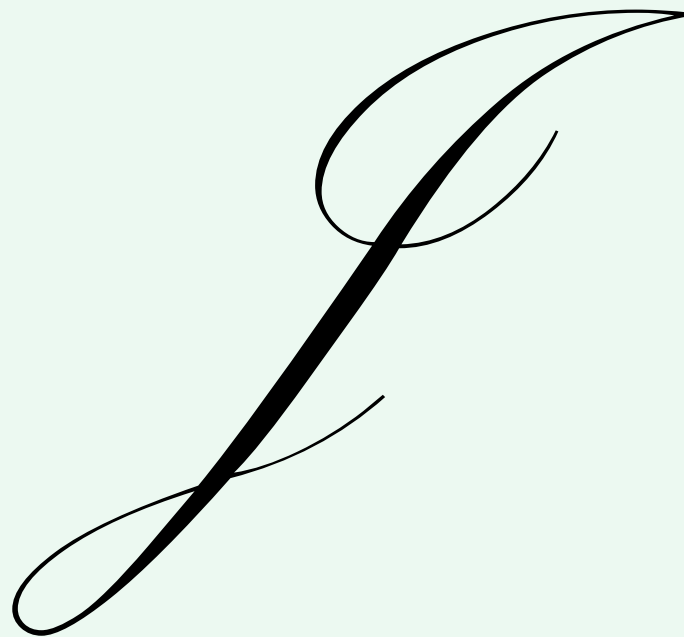
SECTION Y1

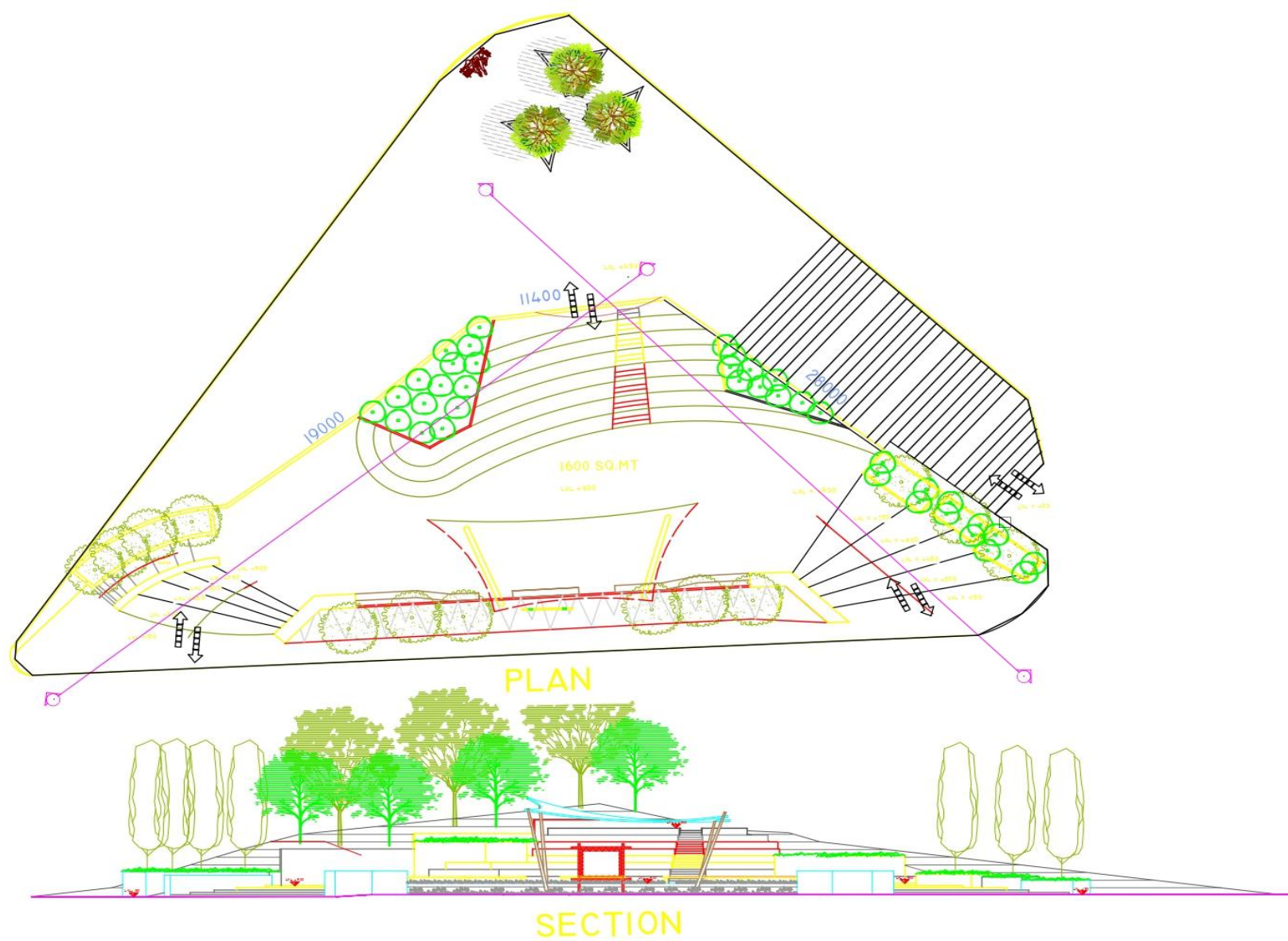


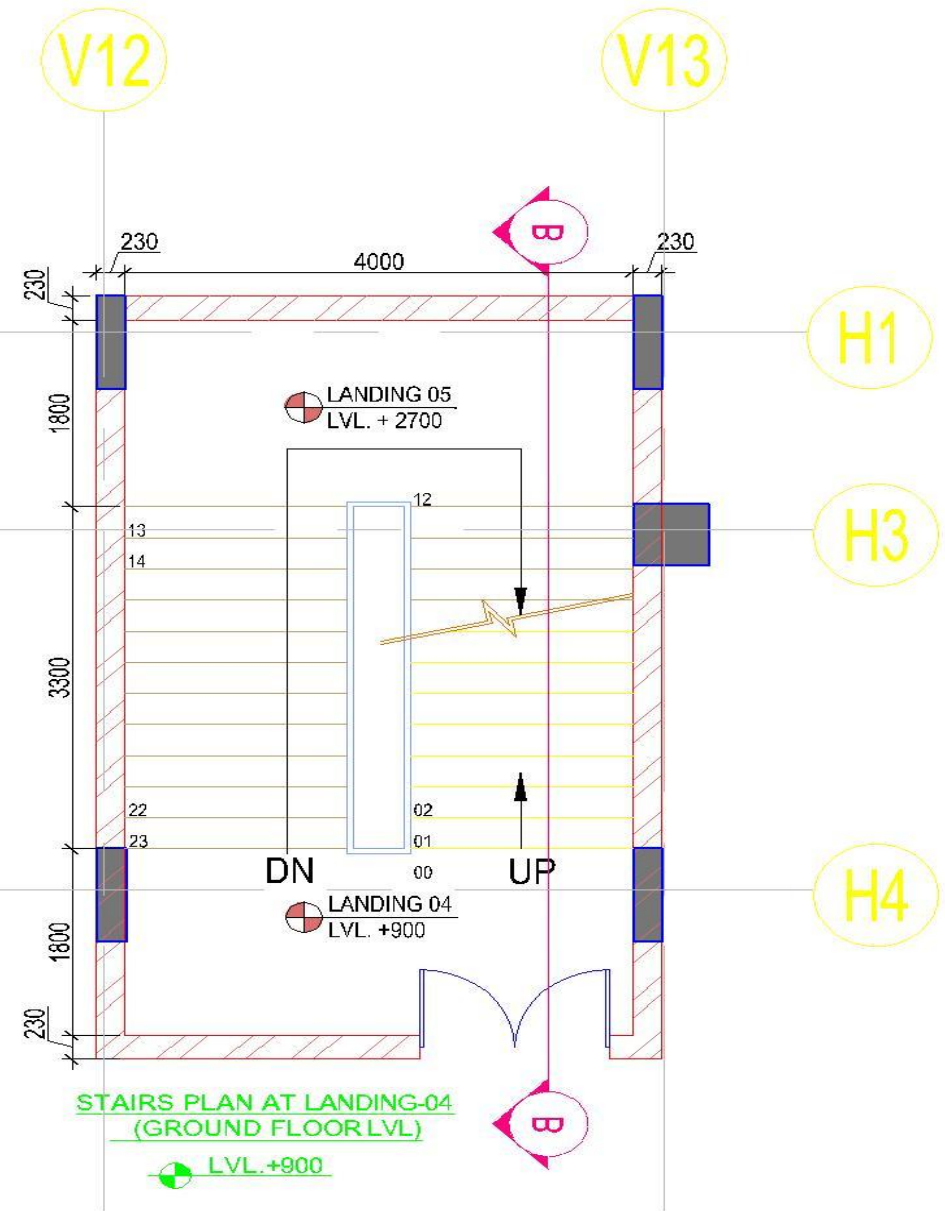
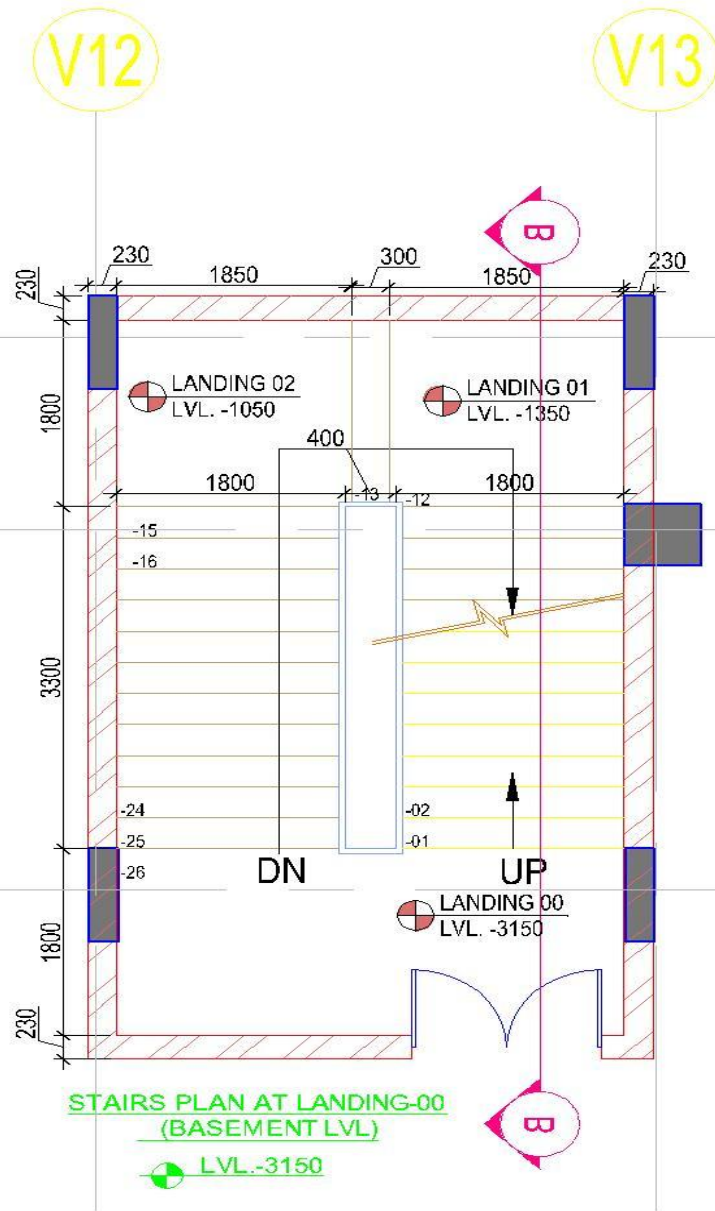
SECTION Y2

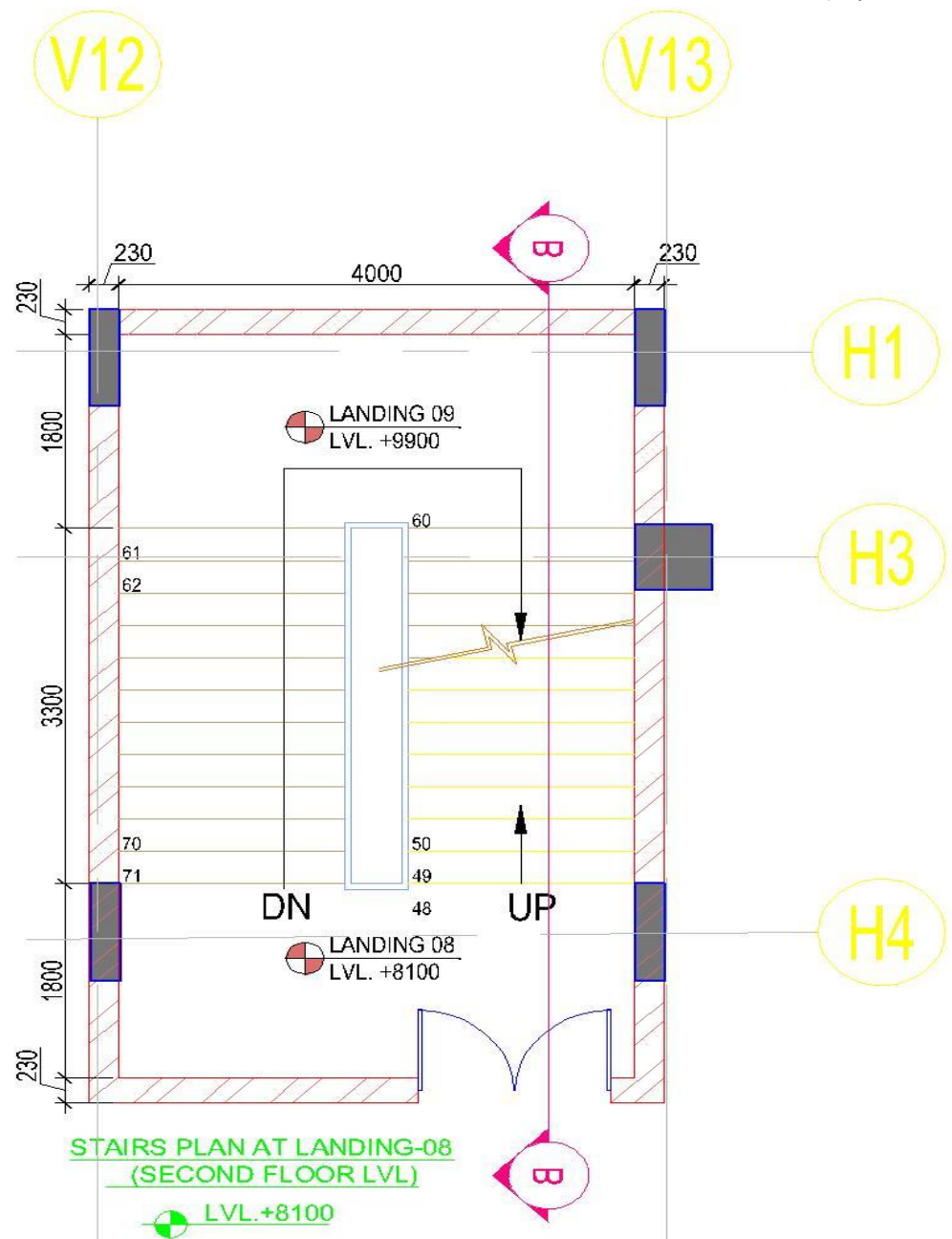
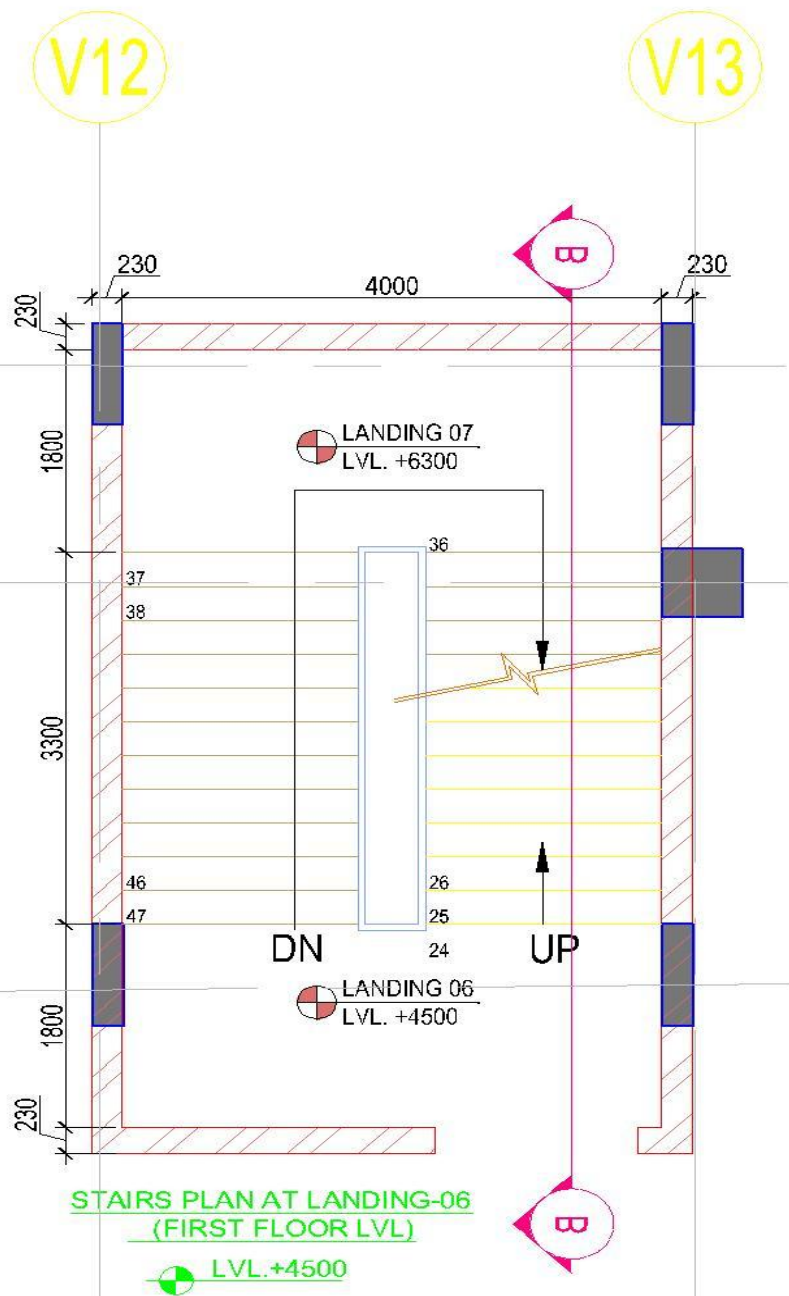
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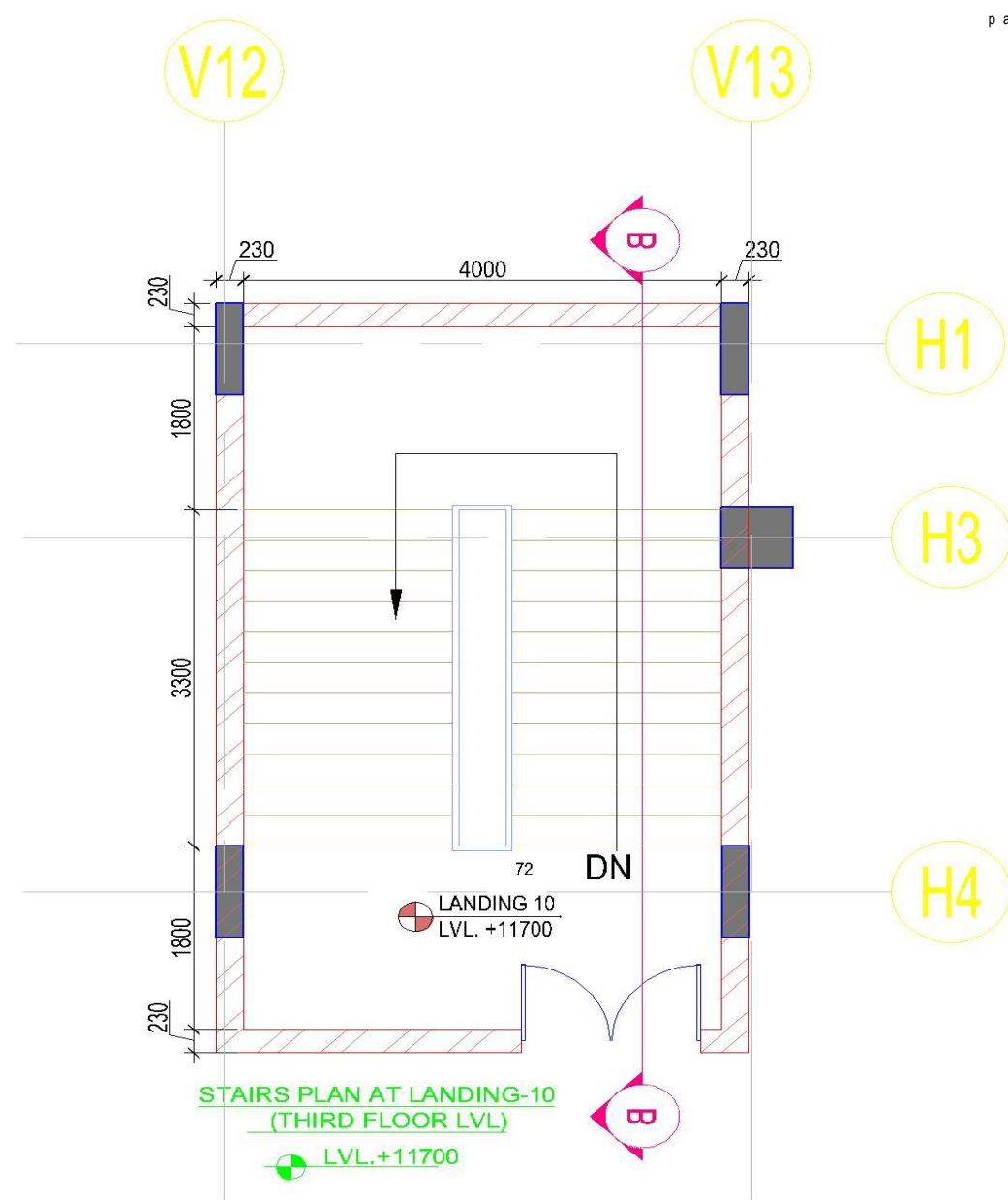
details

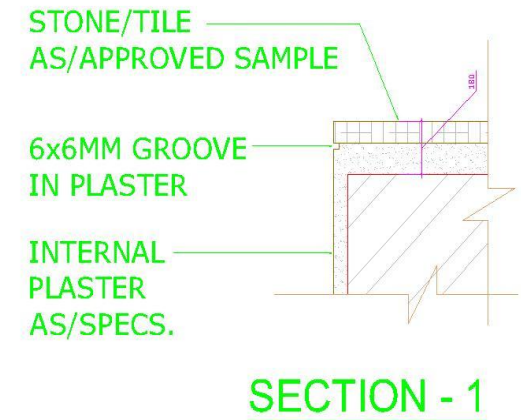
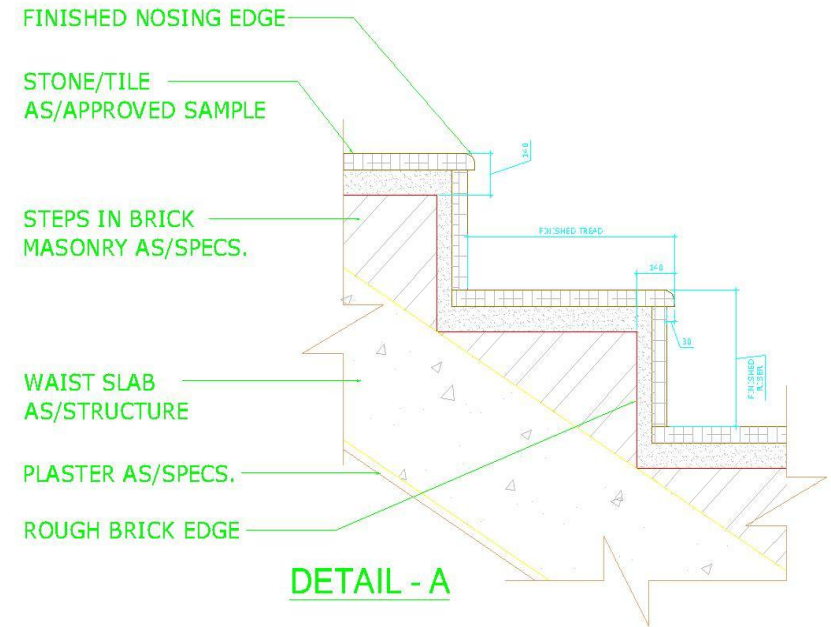
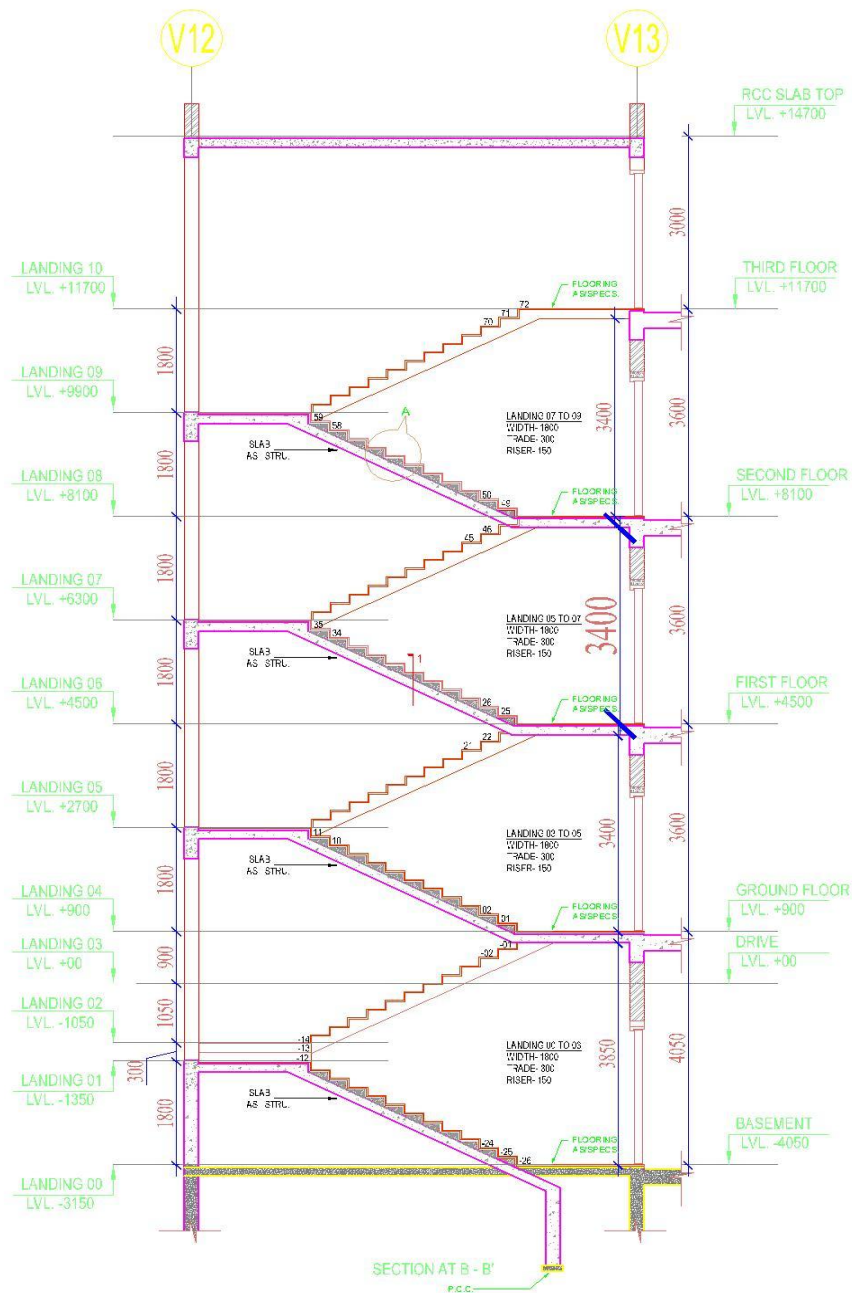














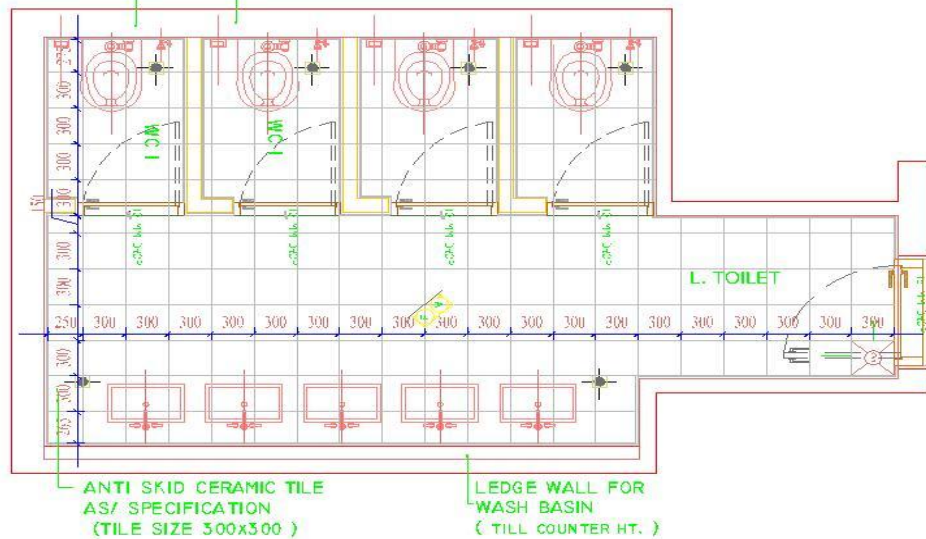
4500 WIDE
RAMP COMING
FROM GROUND
SLOPE 1:10

RAMP PLAN



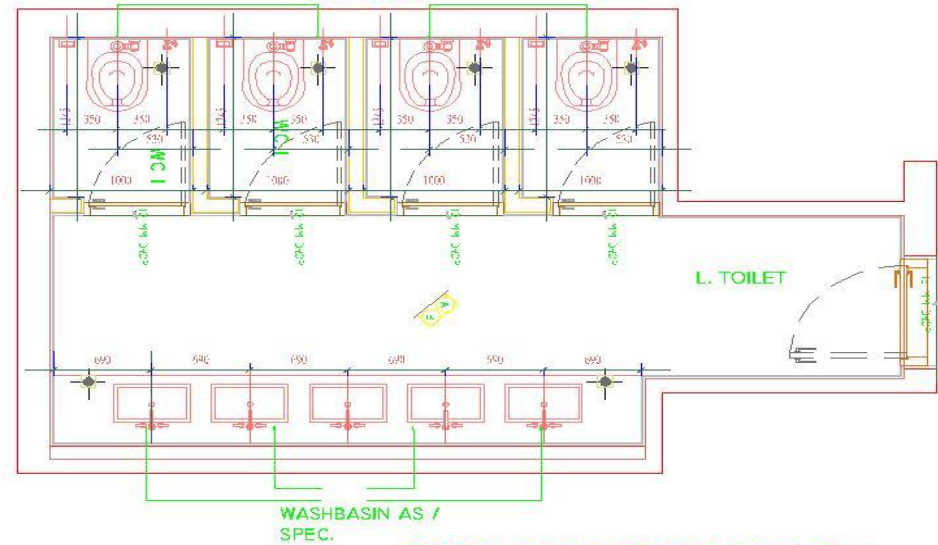
RAMP SECTION 2-2

LEDGE WALL FOR WC (1200MM HYT.)

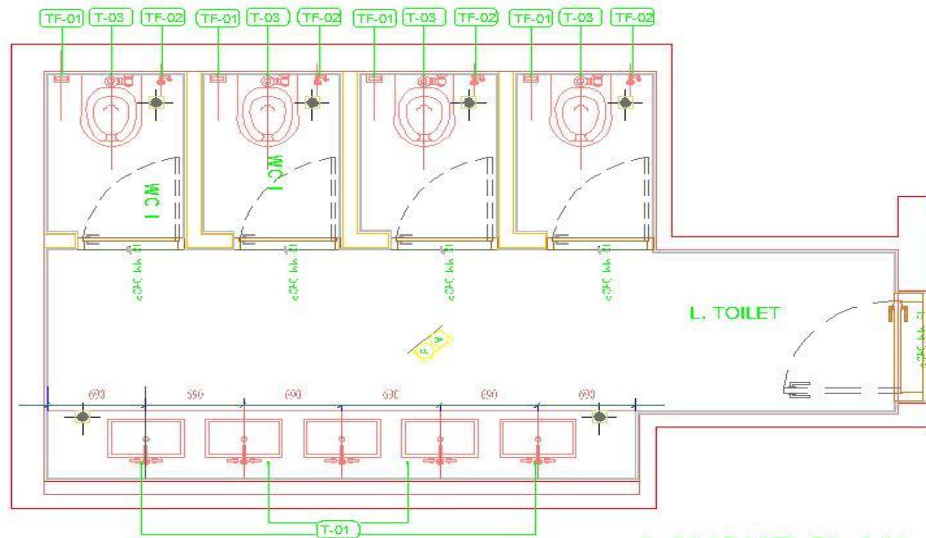


FLOORING PLAN

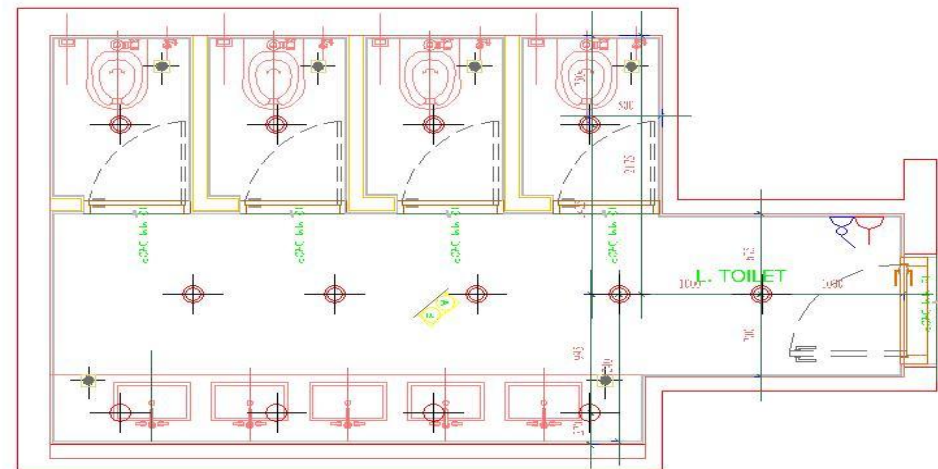
WC AS/ SPEC



FIXTURE DEMARCATON
PLAN



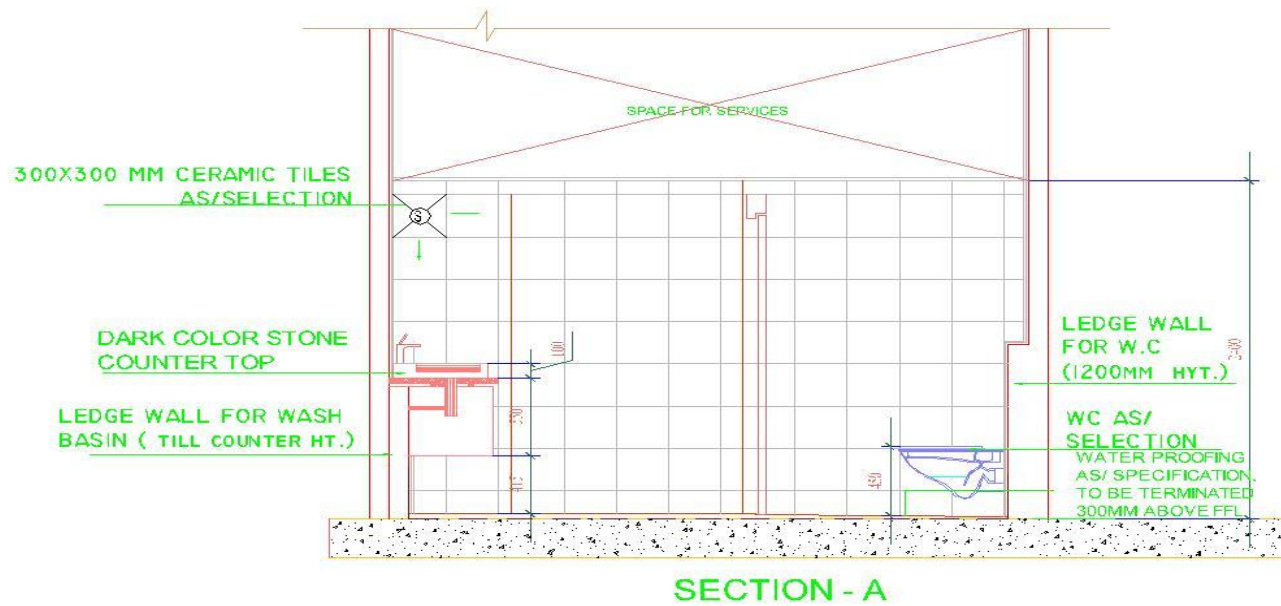
LAYOUT PLAN



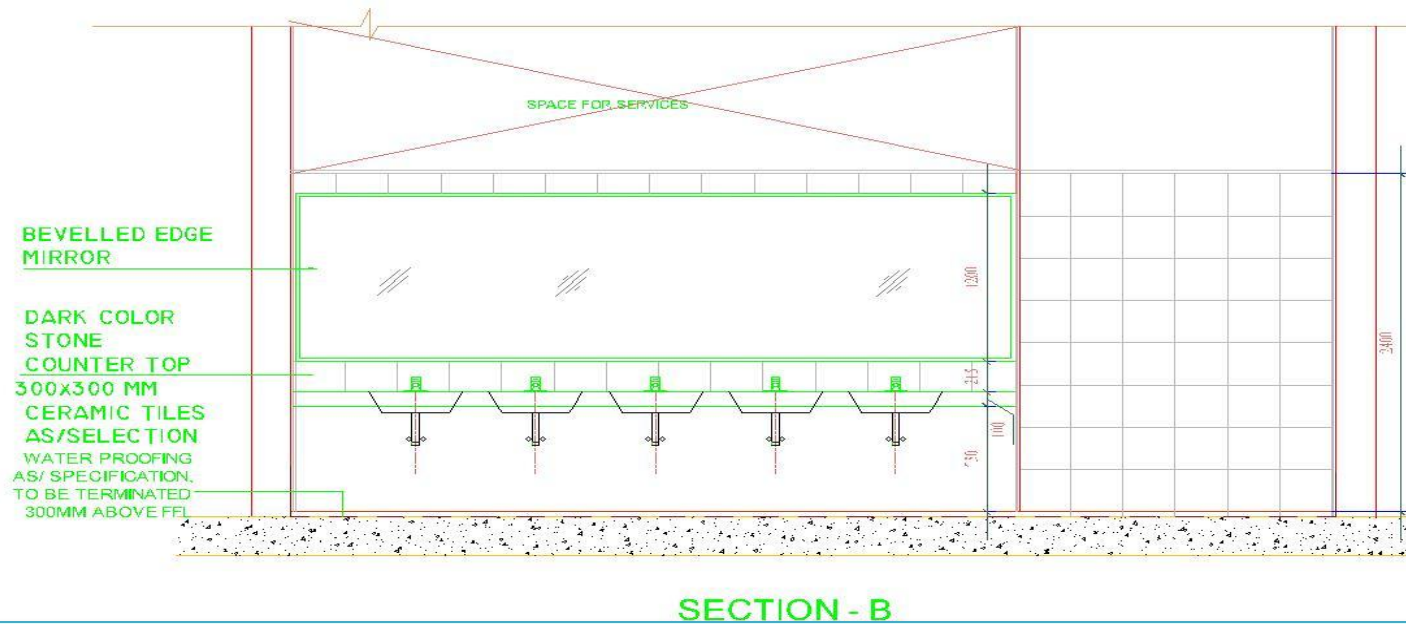
ELECTRIC LAYOUT PLAN

TOILET DETAIL

PLAN

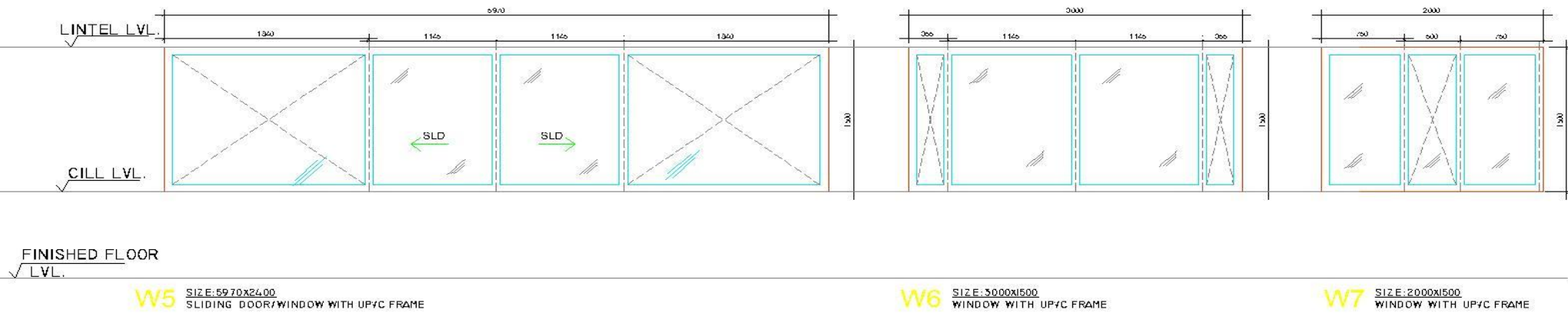
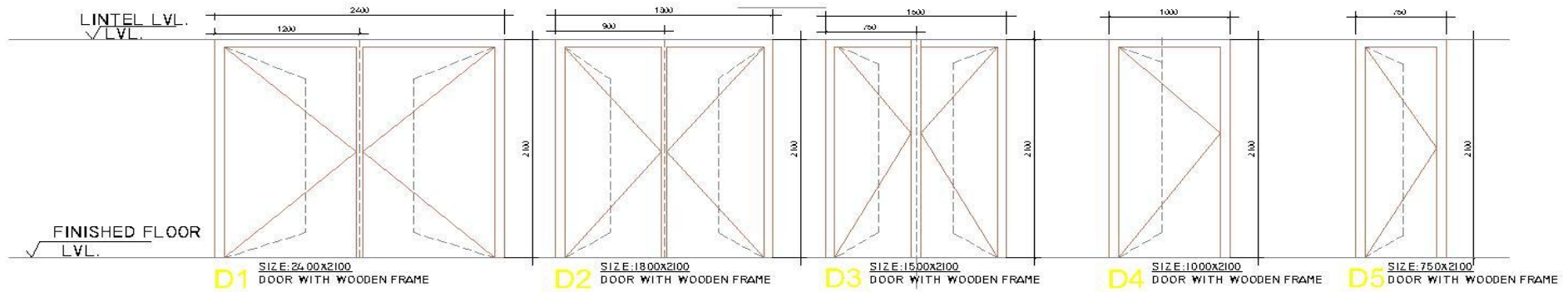


ITEM	DESCRIPTION
(T-01)	WASH BASIN AS/SELECTION
(T-02)	WC AS/SELECTION
(TF-01)	PAPER HOLDER AS/SELECTION
(TF-02)	HEALTH FAUCET
(TF-03)	SHOWER MIXTURE AS/SELECTION
(TF-04)	TOWEL RAIL / RACK
FD	FLOOR DRAIN
FT	FLOOR TRAP
LEGEND	
ITEM	DESCRIPTION
	CEILING LIGHT AS/ SELECTION
	CEILING FAN AS/ SELECTION
	EXHAUST FAN AS/ SELECTION
	MIRROR LIGHT AS/ SELECTION
	SOCKET
	SWITCH BOARD



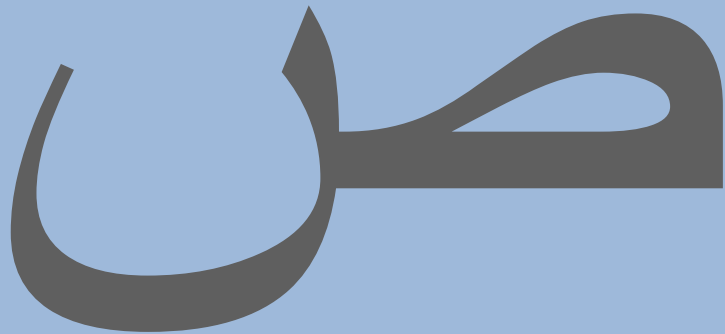
SCHEDULE OF DOORS AND WINDOWS

S.NO.	TYPE	SIZE	CILL LVL	LINTEL
1	D1	2400X2100	---	2100
2	D2	1800X2100	---	2100
3	D3	1500X2100	---	2100
4	D4	1000X2100	---	2100
NOTE: ALL DOORS OF INT TOILETS SHALL BE 750 WD.				
5	W5	5970X2400	900	3300
6	W6	3000X2400	900	3300
7	W7	2000X2400	900	3300
NOTE: ALL D/W(DOORS/WINDOWS) SHALL BE AS/DETAIL. : ALL GLAZINGS SHALL BE AS/DETAIL.				



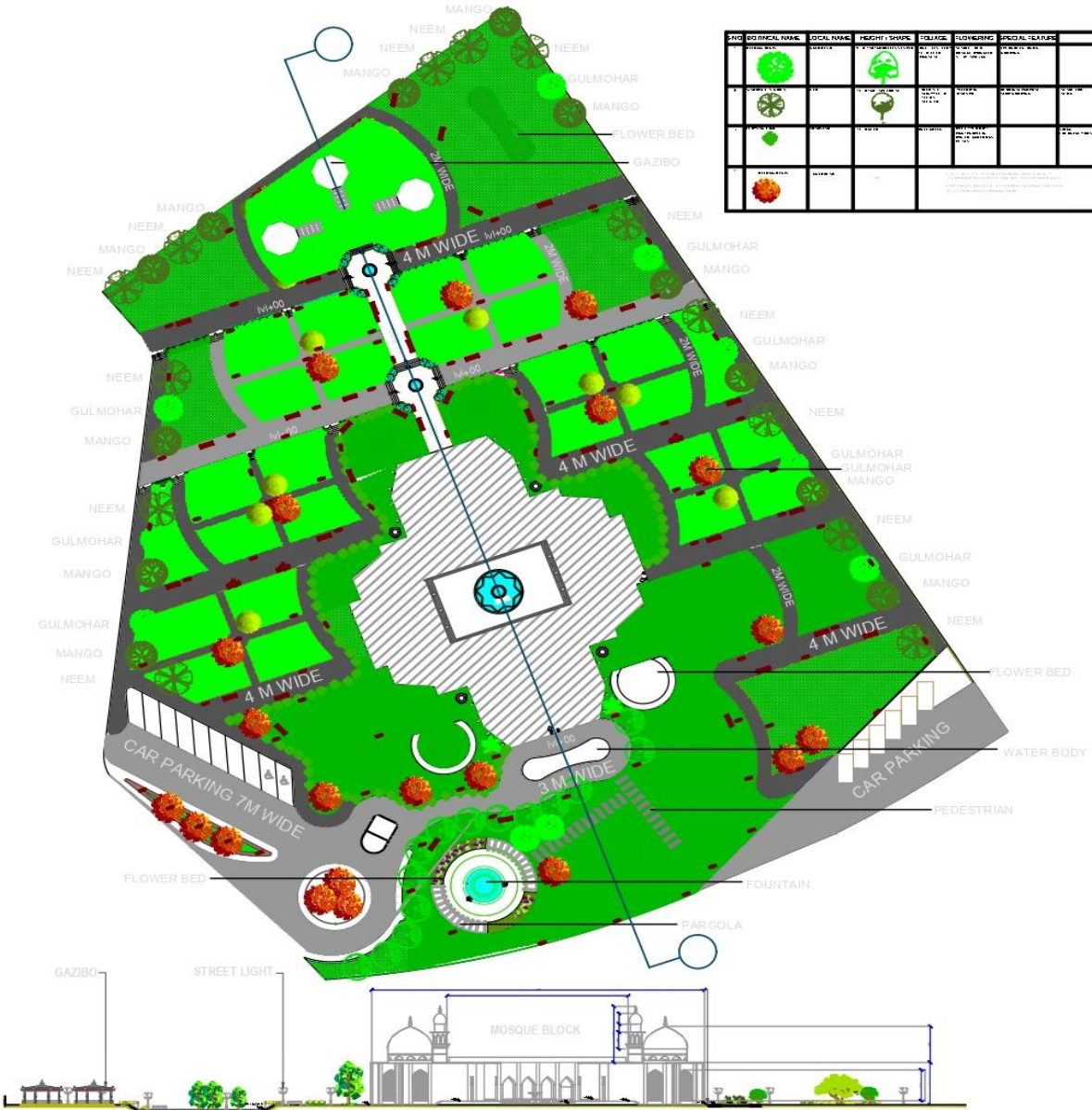
DOOR / WINDOW

ELEVATION

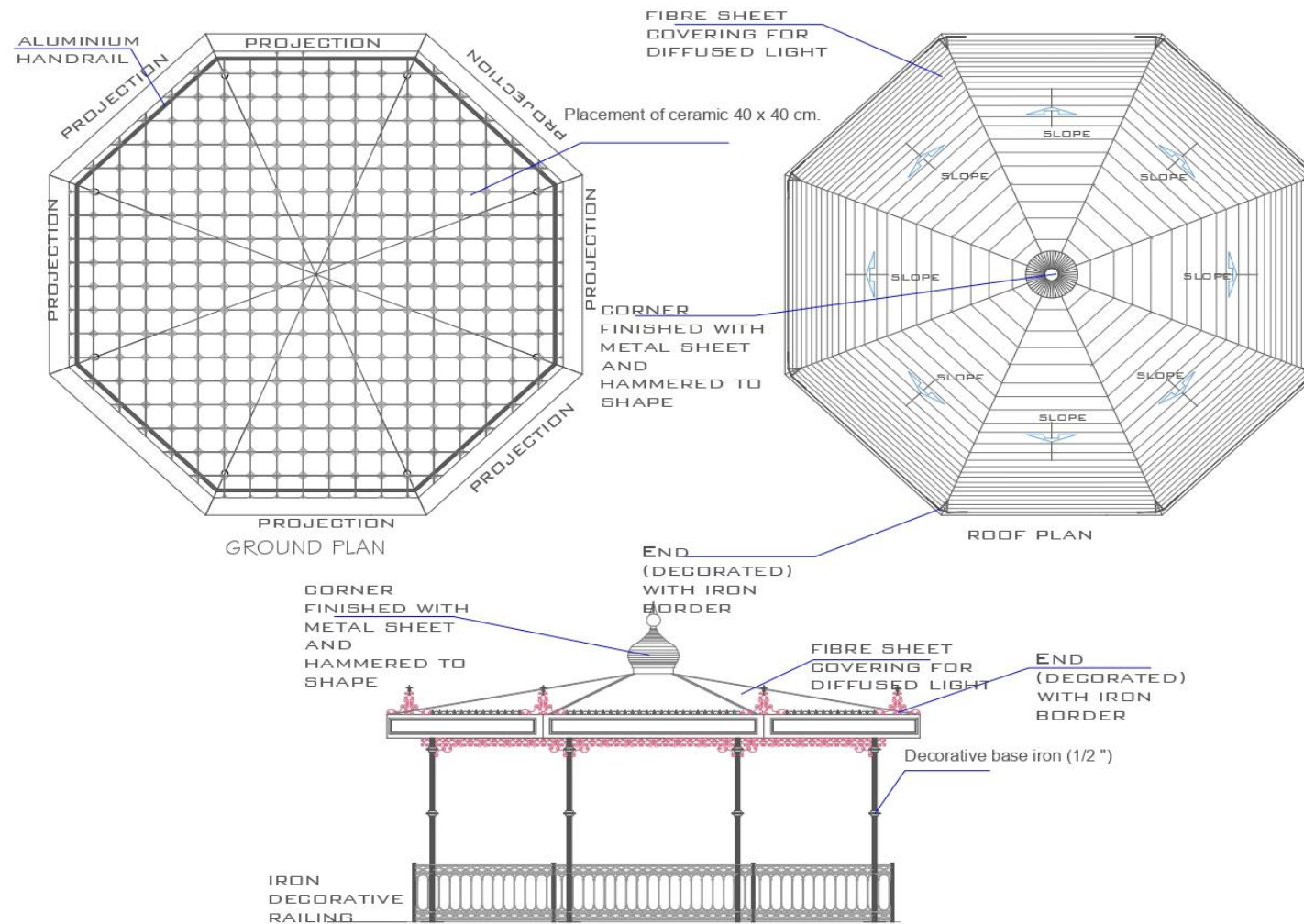


elective 02

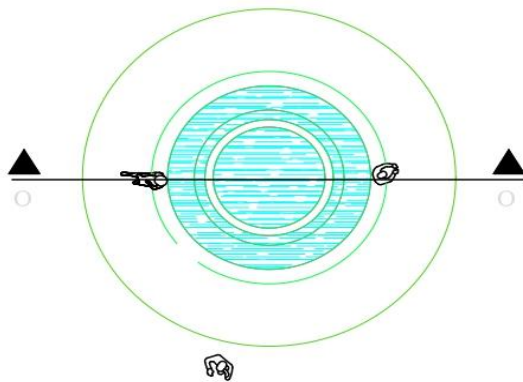




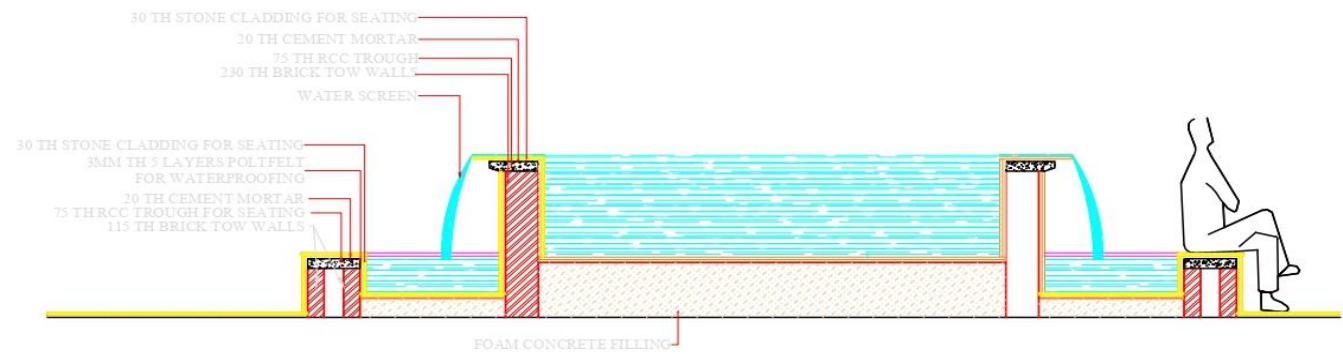
SECTION



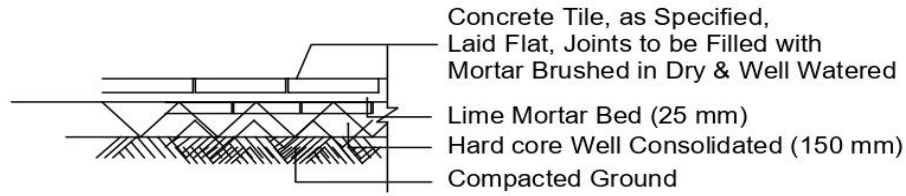
DETAIL AT GAZEBO



FOUNTAIN DETAIL



SECTION OO



SECTION DETAIL OF PEDESTRIAN PAVING