

THESIS REPORT ON
“CENTRE FOR WOMEN SUSTENANCE & EMPOWERMENT”
DWARKA SEC 11

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

BACHELOR OF ARCHITECTURE
BY

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THESIS GUIDE
AR. KESHAV KUMAR

SESSION
2019-20

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

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

CERTIFICATE

I hereby recommend that the thesis “CENTRE FOR WOMEN
SUSTENANCE & EMPOWERMENT” under the supervision of Ar.
KESHAV KUMAR is the bonafide work of the student and can be
accepted as partial fulfillment of the requirement for the degree of
Bachelor’s degree in architecture, school of Architecture and Planning,
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Recommendation **ACCEPTED**
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External Examiner

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Certificate of thesis submission for evaluation

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10. **All the sources used have been cited appropriately.** **Yes/No**
11. **The thesis has not been submitted elsewhere for a degree.** **Yes/No**
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Urvashi singh

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INTRODUCTION

We live in a country where fifteen year-old girls are eve-teased, ten year-old girls are abducted and raped, thirty year-old women raped and murdered. We live in a country where age is no bar for sexual harassment.

We live in a country that takes out candle marches for rape victims, writes hundreds of articles on harassment but who doesn't even meet eyes with a rape survivor.

We live in a country where rapes, sexual assaults have given rise to the PTSD syndrome, where so many women live in constant state of denial contemplating suicide or just waiting for death.

For all these reasons and a thousand more, there is a need to speak out for all these women who see themselves as a disgrace to the society where the real accused roam free and without shame. In a country reporting hundreds of rape cases every day, where "no" never means "no" and post-traumatic stress disorder becoming a common catastrophe, I put forward an advancing step in the field of recovery, a center of co-existence of sexually harassed survivors, where the main concern will be to dispel the pessimism associated with the ordeal of victims and recreation of their pre-traumatized lives. Victims are often rejected by the society and this leads them to believe they're worthless. However, recovery can only come through acceptance. Acceptance of the truth by themselves, first and foremost. This centre facilitates the route to recovery, to provide mental, social and physical development, provide accommodation to the survivors and basic education facilities.



AIM

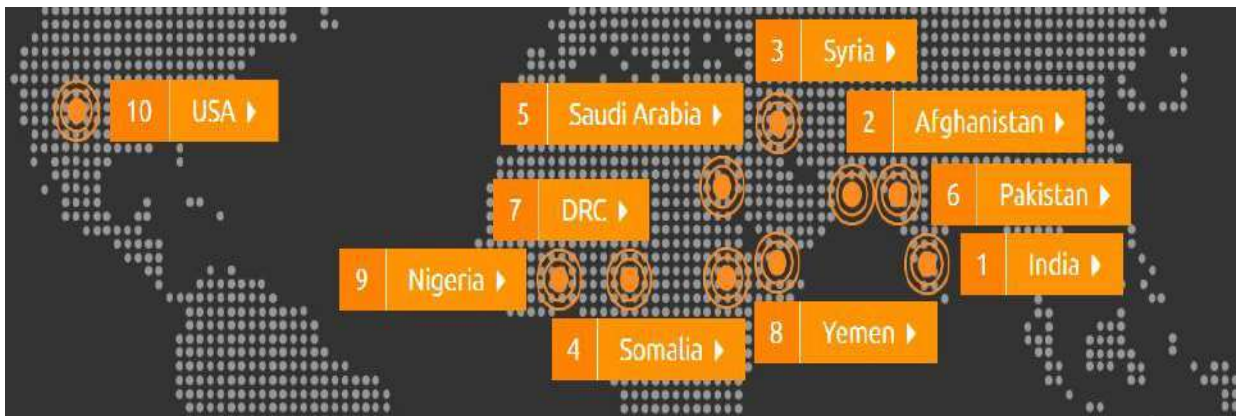
This project acknowledges that women, even while in distress, need just a little support, a little guidance; otherwise they are determined, self-respecting and capable to be self-dependent. The design approach followed is direct and to-the-point as it is important for the victims to come face to face with the reality, accept it and move on. The various paths and intersections give away why they have been made, because that is what is necessary to realize that they need this. The design is mainly experiential, everything to make the victims shine through their suffering. Care has been taken to remove any possible triggers that might inculcate the suffering. The only triggers present are the ones that remind them of themselves, of who they are and what they will always be despite the abuse they have faced.

No shame of any kind should be present in the victims as it is not their fault and therefore, the design boldly takes on their recovery, too. The architectural language followed throughout the project is not sympathetic or pitiful, rather encouraging and empowering to remind the victims of the strength that resides within them, a greater view of their strength is shown through the building elements, too. Finally, the entire aim of the project is for creating a place for the survivors, a place unlike anywhere else, where their stories are heard and not rejected, where they are allowed to come to terms with reality, where they are reminded of the importance of life and how beautiful their souls are and where they decide to begin a new life without any shame, guilt or fear.

Based on the sole purpose of self-realization, the building aims to stand out in its own way, liberating the trapped souls of the victims with social dilemmas, giving a new meaning to their lives and building culture.

NEED OF PROJECT

The **need** for **women's empowerment** is felt because of the status they have in society since the beginning. There is a **need** to redefine the status of **women** in the society. A change can be brought through the constitution and supportive legislations. The Constitution of **India** gives a **women** status equal to men.



PROJECT REQUIREMENT

As we all know that according to the [National Crime Records Bureau](#) of India, reported incidents of crime against women increased 6.4% during 2012, and a crime against a woman is committed every three minutes. According to the [National Crime Records Bureau](#), in 2011, there were greater than 228,650 reported incidents of crime against women, while in 2015, there were over 300,000 reported incidents, a 44% increase. Of the women living in India, 7.5% live in [West Bengal](#) where 12.7% of the total reported crime against women occurs.

OBJECTIVE

1. To provide mental recovery to the survivors.
2. Mental, social, physical and Economic development.
3. Provide accommodations to the survivors.
4. Basic education facilities for exposure.

Promote development of such project.

SCOPE AND LIMITATIONS

1. Medical support for sexually harass women (hospital, clinic, ward).
2. Legal supports (offices, fast track court for women).
3. Emotional support (Rehabilitation centre, rejuvenation centre, recreational area, skills development classes etc).
4. Awareness support.

ARCHITECTURAL CONCERNS OF THE PROJECT

- One of the major concern of the project is to give the survivors of Rape and sexual violence a REASON TO APPROACH the Centre. In many cases, the victims are not aware of what they should do after this tragic incident happens to them. Thus a facility that would provide them with all necessary help which is required to restore themselves into their old self is essential.
- In order to contribute in the overall development of the Survivors it is important to have a LONG TERM EFFECT so that they can lead a confident and independent life.
- Such centres are prone to illegal activities, therefore one of the major challenge was to maintain TRANSPARENCY and CLARITY of activities going inside the centre.
- While designing for such sensitive user group, the primary architectural and psychological concern was to make spaces responsive to the actions, behavioral pattern and psychology of the users thus creating a USER –RESPONSIVE design.

ABOUT THE PROJECT:

ADHARBHA ASTITVA (FEARLESS EXISTENCE)- IT IS A CENTRE FOR WOMEN SUSTENANCE AND EMPOWERMENT PROPOSED BY DDA (DELHI DEVELOPMENT AUTHORITY) IN DWARKA SECTOR 11 NEW DELHI. EMPOWERMENT IS DEFINED AS THE UPGRADED VERSION OF BEING STRONG OR CONFIDENT. EMPOWERMENT IS A CONCEPT OF RISING AWARENESS.

CENTRE FOR WOMEN SUSTENANCE AND EMPOWERMENT:

WOMEN EMPOWERMENT CENTRE IS A PLACE FOR WOMEN'S TO COME WORK, LEARN, LEISURE, RELAX. PROVIDING ACCESS TO A CO-WORKING SPACE, BUSINESS SUPPORT, NETWORKING, AND TRAINING AND DEVELOPMENT COURSES, AS WELL AS RELAXATION AND EXERCISE.

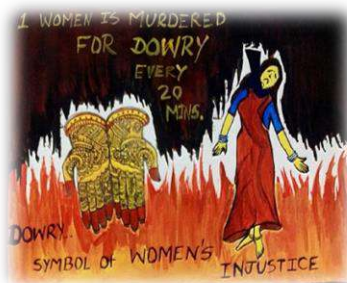
- CONFLICT AND SECURITY.
- ECONOMICS AND LIVELIHOOD.
- SOCIAL AND CULTURAL ENVIROMENT.
- HEALTH.

THE MAIN PROBLEMS THAT WERE FACED BY A WOMENS :

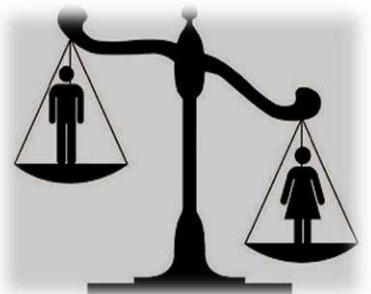
- GENDER DISCRIMINATIONS.
- LACK OF EDUCATIONS.
- FEMALE INFANTICIDE.
- FINANCIAL CONSTRAINTS.
- FAMILY RESPONSIBILITY.
- LOW MOBILITY.
- SOCIAL STATUS.
- DOWRY.
- RAPED, ACID ATTACKS, KICKED, SUBDED, HUMILIATED



MOLESTATION



DOWRY



GENDER EQUALITY



ACKNOWLEDGE IT



NURTURE YOURSELF



DISCOVER



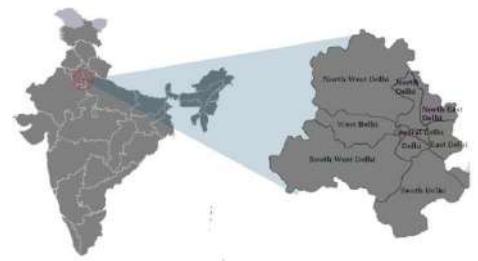
LEARN

SITE ANALYSIS

IT IS A CENTRE FOR WOMEN SUSTENANCE AND EMPOWERMENT PROPOSED BY DDA (DELHI DEVELOPMENT AUTHORITY) IN DWARKA SECTOR 11 NEW DELHI. EMPOWERMENT IS DEFINED AS THE UPGRADED VERSION OF BEING STRONG -OR CONFIDENT. EMPOWERMENT IS A CONCEPT OF RISING AWARENESS.

ABOUT THE CITY:

NEW DELHI-NEW DELHI IS A CITY AND UNION TERRITORY OF INDIA.IT IS BORDERED BY STATE OF HARYANA ON THREE SIDE AND BY UTTAR PRADESH TO THE EAST. DELHI COVERS AN AREA OF 1,484SQ KMS. DELHI HAS BEEN CONTINUOUSLY INHABITED SINCE THE 6TH CENTURY BCE.DELHI IS ALSO THE CENTRE OF THE NATIONAL CAPITAL REGION WHICH IS A UNIQUE INTERSTATE REGIONAL PLANNING.



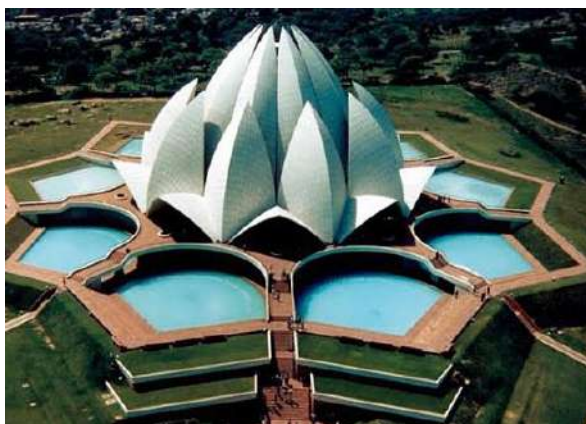
DELHI DWARKA



DELHI GATE



RASTRAPATI BHAWAN



LOTUS TEMPLE



AKSHARDHAM TEMPLE

TRAFFIC & TRANSPORT:

- TRAFFIC INFRASTRUCTURE FORM THE BACKBONE OF ANY CITIES ECONOMY AND ALSO PLAY A IMPORTANT ROLE IN DIVISION OF REGIONS. DELHI IS WELL CONNECTED TO THE PART OF THE COUNTRY BY ROAD AND RAIL.
- EXISTING TRANSPORT OF DELHI ARE METROS,TAXI,LOCAL BUSES,TEMPOS,RIKSHAW.

CLIMATE:

THE SUMMER SEASON LAST FROM MID-MARCH TO THE END OF JUNE, WITH MAX. TEMP. TYPICALLY REACHING ABOUT 37DEGREE AND MIN. TEMP. 25DEGREE. IT IS CHARACTERIZED BY FREQUENT THUNDERSTORMS AND SQUALLS, ESPECIALLY IN APRIL AND MAY

DELHI IS AN OVERLAP BETWEEN MONSOON INFLUNCED HUMID SUBTROPICAL AND SEMI-ARID WITH VERY HIGH VARIATION B/T SUMMER AND WINTERSSEASON & PRECIPETATIONS.

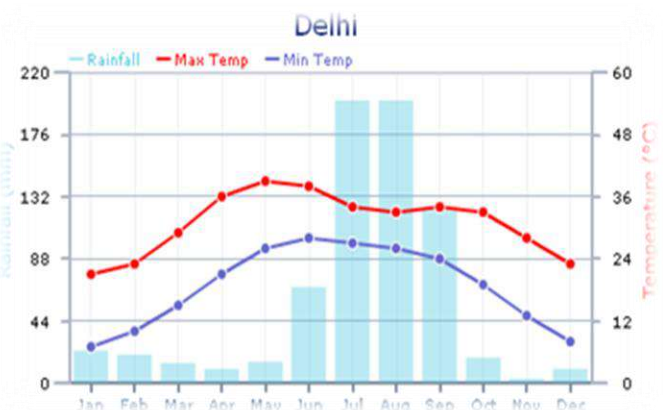
THE MAXIMUM RAINFALL IN DELHI IS 211MM IN JULY AND MINIMUM IS 1MM IN NOVEMBER. THE NORMAL ANNUAL RAINFALL IN THE DISTRICT IS 611.8 MM. ABOUT 81% OF THE ANNUAL RAINFALL IS RECEIVED DURING THE MONSOON MONTHS OF JULY, AUGUST AND SEPTEMBER.

DEMOGRAPHY OF NEW DELHI:

DELHI HAS A SKEWED [FEMALE-TO-MALE RATIO](#), WITH 866 WOMEN FOR EVERY 1,000 MEN. THE CITY HAS A LITERACY RATE OF 86% (91% FOR MEN AND 81% FOR WOMEN).



866 WOMEN FOR EVERY 1,000MEN



TEMPERATURE CHART

LINKAGES

DELHI HAS A SIGNIFICANT RELIANCE ON ITS TRANSPORT INFRASTRUCTURE.THE CITY SEEKS

TO DEVELOP A HIGHLY EFFICIENT PUBLIC TRANSPORT SYSTEM WITH THE INTRODUCTION OF THE DELHI METRO, WHICH IS UNDERGOING A RAPID MODERNIZATION & EXPANSION OF 2006.THERE ARE 16.6MILLION REGISTERED VEHICLES IN THE CITY AS OF 30JUNE 2014 , WHICH IS HIGHEST IN THE WORLD AMONG ALL CITIES

RAIL:CONNECTED TO THE INDIAN RAILWAYS.
NEAREST RAILWAY STATION IS PALAM 5KMS

OTHER STATION TO REACH DELHI ARE:

1. NEW DELHI RAILWAY STATION
2. OLD DELHI RAILWAY STATION
3. HAZRAT NIZAMUDDIN RAILWAY STATION
4. SARAI ROHILLA

BUS:DWARKA BUS TERMINAL SECTOR 10 DISTANCE 2KMS.

HIGHWAYS:NH 1, NH 2, NH 8, NH 10 AND NH 24.

BUS SERVICES:THE OTHER 2 INTER-STATE TERMINALS IN CITY ARE:

ISBT KASHMERE GATE IN NORTH DELHI

ISBT SARAI KALE KHAN IN SOUTH DELHI

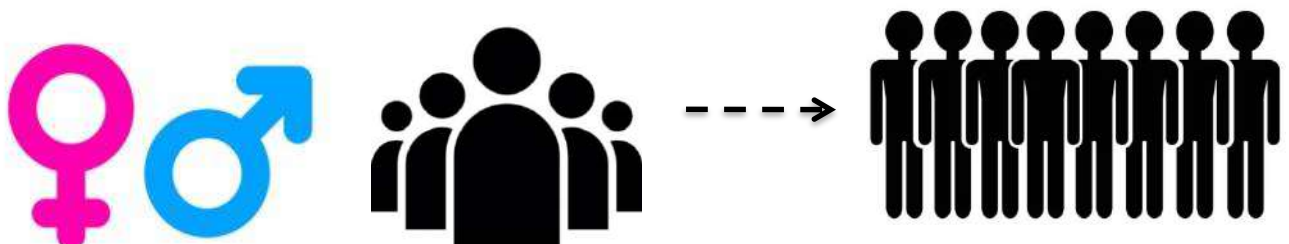
AIRPORT:BOTH DOMESTIC AND INTERNATIONAL CONNECTIONS
15KM.

- NEAREST METRO STATION IS AT DWARKA SEC. 11, .5 KM

ABOUT THE LOCATION:

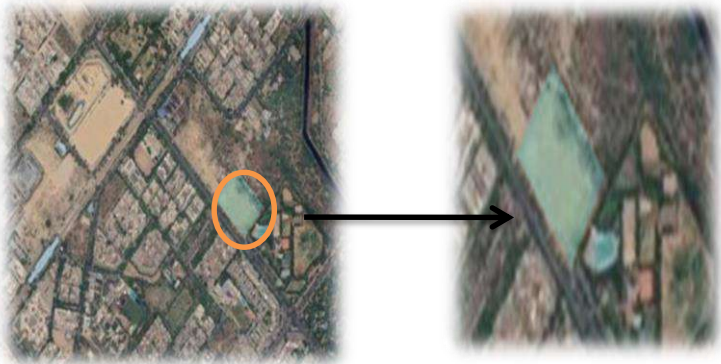
DWARKA IS A SUB-CITY AND A DIPLOMATIC ENCLAVE LOCATED IN [SOUTH WEST DELHI](#) DISTRICT OF [NATIONAL CAPITAL TERRITORY OF DELHI](#) IN INDIA. THE SUBCITY IS LOCATED EXTREMELY NEAR TO [INDIRA GANDHI INTERNATIONAL AIRPORT](#) AND SERVES AS THE ADMINISTRATIVE HEADQUARTERS OF [SOUTH WEST DELHI](#), WHICH IS LED BY [DISTRICT MAGISTRATE](#). IT IS THE LARGEST SUB-CITY IN ASIA

DEMOGRAPHY OF DWARKA:AS OF THE [2011 CENSUS OF INDIA](#), DWARKA HAD A POPULATION OF 38873(AS PER CENSUS 2011, THE POPULATION REPORTED IS 38,873). MALES CONSTITUTE 20306 OF THE POPULATION, AND FEMALES CONSTITUTE 18567. DWARKA HAS AN AVERAGE LITERACY RATE OF 75.94%, LOWER THAN THE NATIONAL AVERAGE OF 78.03%; THE MALE LITERACY RATE IS 83%, AND THE FEMALE LITERACY RATE IS 68.27%. 11.98% OF THE POPULATION IS UNDER SIX YEARS OF AGE.



SITE INTRODUCTION:

- 1. PROJECT:ADHARBHA ASTITVA(FEARLESS EXISTENCE CENTRE FOR WOMEN SUSTENANCE & EMPOWERMENT DWARKA SECTOR-11.
- 2. LOCATION: DWARKA SECTOR 11 NEW DELHI INDIA
- 3. AREA 10ACRES
- 4. TYPOLOGY: NGO FOR WOMENS



DWARKA SECTOR 11 NEW DELHI

WIND MOVEMENT:

PREVAILING WIND AIR IN SUMMER FROM N-E TO S-W AND WISE VERSA IN WINTERS

WIND DIRECTION:
MONSOON WINDS - SE TO NW (JULY-SEPT)
COLD & DRY WINDS - NE TO SW (OCT-FEB)
HOT AND DRY WIND (LOO) - FROM WEST (MAR-JUN)
WIND VELOCITY:
AVERAGE SPEED: 6.875(KITS)
ON AVERAGE, THE MOST WIND IS SEEN IN JUNE.
ON AVERAGE, THE LEAST WIND IS SEEN IN NOVEMBER.

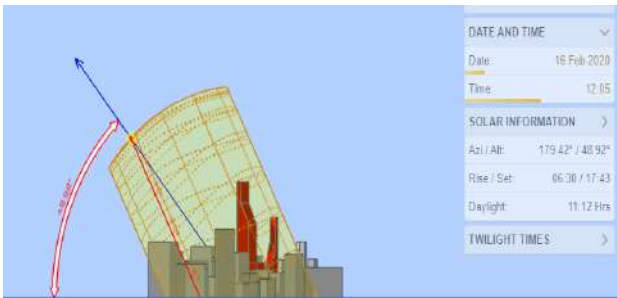
ORIENTATION OF SITE:



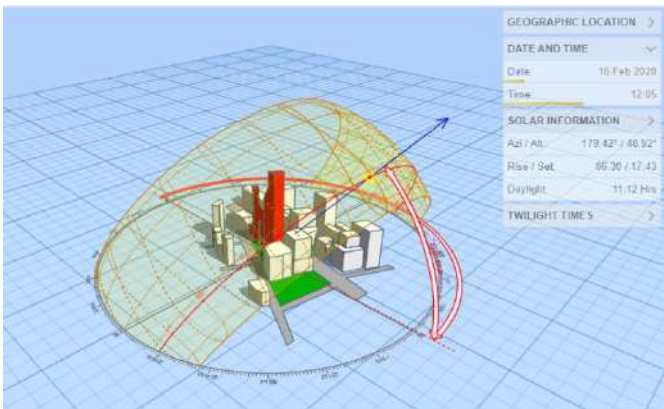
SEISMIC ZONE:

AS PER MACRO SEISMIC ZONING MAP OF ENTIRE INDIA, THE BUREAU OF INDIAN STANDARDS HAS CLASSIFIED THE ENTIRE COUNTRY INTO FOUR MAJOR GROUPS — ZONE V (HIGH INTENSITY) TO ZONE II (LOW INTENSITY). DELHI NCR FALLS IN ZONE IV. ZONE II IS CONSIDERED THE LEAST SEISMICALLY ACTIVE, WHILE ZONE V IS THE MOST ACTIVE. ZONE IV AND V FALL UNDER "SEVERE" TO "VERY SEVERE" CATEGORIES RESPECTIVELY. PARTS OF JAMMU AND KASHMIR, DELHI, SIKKIM, NORTHERN UTTAR PRADESH, WEST BENGAL, GUJARAT AND A SMALL PART

OF MAHARASHTRA



SUNPATH:16FEB2020 TIME(12:05)



SUNPATH:16FEB2020 TIME(12:05)

OFF SITE CONSIDERATION:

- SITE IS SURROUNDED BY MANNAM COMPLEX,DDA SPORTS CLUB, GURUDWARA, BSES(TRANSFORMER OFFICE), RESIDENTIAL BUILDINGS , BHARAMA KUMARI.



MANNAM COMPLEX



DDA SPORTS CLUB



GURUDWARA



BSES(TRANSFORMER STORE)



SUPRIYA APARMENT



BHARMA KUMARI

ON SITE CONSIDERATION:

1-VEGETATIONS:

- WILDGRASS,TREES(NEEM, BABOOL).
- THE SITE IS SPARSELY VEGETATED IT BECOMES ESSENTIAL TO PLAN A WELL DESIGN LAND SCAPE SCHEME TO REDUCE THE ENERGY CONSUMPTIONS OF BUILDING & ENVIROMENT MORE HABITATE.



2-SOIL:

- QUATERNARY ALLUVIAL SOIL CONSISTING MAINLY OF FINE SAND, SILT, CLAY WITH KANKAR.



3-WATER QUALITY:

- PRESENCE OF CHEMICAL CONSTITUENTS.
- TYPE OF WATER- NACL,CACL & MIX TYPES.

4-INFRASTRUCTURE:

- MANNAM COMPLEX- GROUND FLOOR CONSIST OF BANKS.
- FIRST FLOOR CONSIST OF MUSIC,DANCE,YOGA AREA.
- SECOND FLOOR CONSIST OF OFFICES.



SERVICE:

1-ELECTRICITY:

- OFFICE OF BSES RAJDHANI POWER LIMITED(TRANSFORMERSTORE)SITUATED BESIDE THE SITE.
- A TRANSFORMER ALSO LOCATED ON THE EDGE OF SITE OF BOUNDARY.
- ELECTRIC LIGHT AND POLE ALSO THERE ON EDGE OF SITE.

2-WATER

A WATERHEAD TANK SITUATED AT A DIST. OF 1.5KMS.



3-DRAINAGE

MAJOR DRAINAGE OF THE DISTRICT IS NAJAFGARH DRAIN.

4-NEARBY UTILITIES

- BANK OF MAHARASTRA IS SITUATED NEAR THE SITE IN MANNAM COMPLEX.
- AYUSHMANN HOSPITAL &HEALTH SERVICE IS A DISTANCE OF 1KMS.
- POLICE STATION IS AT A DISTANCE OF 3.2 KMS.



NAJAFGAR DRAIN NEAR THE SITE



BANK OF MAHARASTRA



HOSPITAL

SWOT ANALYSIS

STRENGTH

Location- Located in the South-west Delhi, DWARKA, which is a fast growing city in terms of development and infrastructure.

Approach- Connected to the two major transport modes. Road and metro station adjacent to the site make it easily accessible.

Located primarily in proximity of residential area which makes it the focal point. Services like drainage, water treatment plant, and transformer are available near the site.

WEAKNESS:

Access road- The site has only one access road on South-east side. The site consist of small bushes and half of the site is used as Ramleela ground.

Views- No special views from the site the sports complex.

OPPORTUNITIES

As well connected with public transport there is an opportunity to create universal and cultural rich Commercial and public spaces.

Surrounding residential area will encourage the growth of Socio-Cultural center.

Scope of turning out to be a major commercial hub for Dwarka sub district and connected are.

Generation of mixed use environment and chance to make a landmark in Dwarka.

THREATS:

Presence of high tension line may affect the building in future. Access the road on one side may effect in circulation of the building.

CASE STUDIES

1. **ANVITA DEVA FOUNDATION CHUNAR**

2. **AASHA JYOTI KENDRA LUCKNOW**

ANVITA DEVA FOUNDATION

CASE STUDY-1

PROJECT INTRODUCTION:

- LOCATION:
MIRZAPUR CHUNAR UP
INDIA.
- ARCHITECT:RUDRA GROUP.
- CLIENT:DR. JHAWAR.
- TYPOLOGY:NGO FOR WOMENS.
- SITE DETAILS:AREA- 9ACRES.
- PROGRAMS:
1-OFFICE
2-MUSEUM AND ART ROOM
3-ACCOMODATIONS
4-KITCHEN AND MESS
5-RECREATIONAL AREA
6-YOGA AND THERAPY AREA
7-OPD
8-COW SHED.

PROJECT LOCATION:

NESTLED IN THE FOOTHILLS OF SPRAWLING VINDHYACHAL MOUNTAIN RANGE ON THE BANKS OF THE MIGHTY GANGES, CHUGGING TRAINS IN THE HORIZON, IN THE HISTORIC TOWN OF CHUNAR, MIRZAPUR, UTTAR PRADESH 231304, 35 KMS FROM VARANASI.

ANVITA, AN ALL WOMEN REHABILITATION CENTRE IS FUNCTIONAL SINCE 1.5 YEAR IN CHUNAR, MIRZAPUR DISTRICT. IT HAS ONE RESIDENTIAL BLOCK WITH CAPACITY OF 10 UNITS.

TOPOGRAPHY- FLAT LAND.

MATERIAL- RCC FRAMED STRUCTURES.

ANVITA IS DERIVED FROM SANSKRIT WORD “अन्वित” MEANS JOYFUL AND GRACEFUL LIFE, ONE WHO BRIDGES THE GAP. TAKING FROM HERE DEVA FOUNDATION PLEDGES TO FOUND NATION’S FIRST ONE OF ITS KIND ALL WOMEN REHABILITATION CENTER IN NAME OF ANVITA.

ANVITA SERVES WOUNDED SOULS, REVERES HUMANITY AND STRENGTHENS LIFE. IT BELIEVES IN RESPECT, RECOVERY, RE-CAPACITATING, REHABILITATION AND REINTEGRATION OF ALL WOMEN AND CHILDREN WHO ARE SUFFERING FROM MENTAL ILLNESS, SO THAT THEY STAY INDEPENDENTLY AND LIVE WITH DIGNITY.



APPROACH:

NEAREST RAILWAY STATION: 1.6 KM (CHUNAR JUNCTION) IT WILL TAKE 5 MIN TO REACH THERE, VIA DARGAH SAREEF STATION ROAD.

NEAREST AIRPORT: LAL BAHADUR SHASTRI INT. AIRPORT,VARANASI,47.2 KM (1 HR 34 MIN)

NEAREST BUS STAND: JAMUI BUS STOP, 6KM(14 MIN)

CLIMATE:

THE CLIMATE IN MIRZAPUR IS WARM AND TEMPERATE. IN WINTER, THERE IS MUCH MORE RAINFALL IN MIRZAPUR THAN IN SUMMER. TO THE KÖPPEN-GEIGER CLIMATE CLASSIFICATION. THE AVERAGE ANNUAL TEMPERATURE IN MIRZAPUR IS 26.0 °C.



SITE PLAN



GARDEN



YOGA SHED



RECREATIONAL BLOCK



ADMIN BLOCK



RESIDENTIAL BLOCK



OPD

AREAS:

- 1-ADMIN- 100SQM.
- 2-OPD-321.27SQM.
- 3-STAFF HOSTEL-248.64SQM.
- 4-ACCOMODATION-250SQM.
- 5-KITCHEN MESS BLOCK-300SQM.



GARDEN



SOLAR
ENERGY
INSTALL AT
ROOF.

1-NIRMALA- OUT PATIENT CARE.

SERVICES AND UTILITIES:

1-NIRMALA- OUT PATIENT CARE.



CHECKUP ROOM



OPD



CHECKUP ROOM

2-AALAYAM- ADULTS RESIDENTIAL BLOCK



ROOM



AALAYAM



AALAYAM

3-PRASADAM AND PARISHRAM.

- PRASADAM- MESS AND KITCHEN ON GROUND FLOOR.

1-KITCHEN WITH TWO STORE ROOMS.

2-SPACE FOR 120 PEOPLES.

3-SPECIAL ROOM FOR 24 PERSONS.



SEMINAR ROOM



MESS



PRASADAM

4-ADMIN BLOCK

- OFFICE
- WAITING ROOM
- MUSEUM(ON FIRST FLOOR).

- PARISHARM-ON FIRST FLOOR.

1-ACTIVITY HALL.

2-TRAINING WORKSHOP.

3-COMPUTER ROOM.



LIBRARY



MUSEUM



OFFICE

5-NEELAYAM

•STAFF ACCOMODATIONS.

• DOCTOR STUDIO.

6-KALA KUTIR.

7-YOGA SHED.

8-PRAYER SHED.

9-CENTRAL PARK.

10-CEREAL FIELD.

11-COW SHED.

12-ELECTRIC ROOM AND GENERATOR ROOM.

13-REHAB CENTRE.

14-GROUP MEETINGS.

15-HALL FOR 300 PERSONS.

16-INDOOR GAMES LIKE TABLE TENNIS,CARROM .

17-TRAINING LIKE

SEWING,PAINTING,POTTERY MAKING ETC.

SERVICES:

•RAIN WATER HARVESTING IS DONE WITH THE HELP OF 2-5000LITRES AND 1-1000LITRE TANK WHICH ARE PLACE AT THE BACK SIDE OF PRASADAM BLOCK(KITCHEN AND MESS AREA)THIS WATER IS MAJORLY USED FOR UTENSILS WASHING.

•ELECTRICITY GENERATE THROUGH THE SOLAR PANEL.

INFERENCES

•THE SITE IS LOCATED AT FOOTHILLS OF VINDYACHAL RANGE WHICH WILL GIVE RELAXATION TO THE USERS.

•SPACES LIKE YOGA CENTER, WORKSHOP, ART GALLERY , KITCHEN GARDEN, ALL WHICH HELPS A WOMEN TO HEAL FROM HER PAIN.

•PARKING SPACE WAS NOT ACCURATE.

•DOCTORS WERE AVAILABLE 24X7 FOR THE PATEINTS.

•LIFE SKILLS AND EMPOWERMENT IS BEING TAUGHT.

• AMPLE OF SPACE

•DINING AREA AND RECREATIONAL AREAS IN THE SAME BLOCK.

FACILITIES:

•MEDICAL AND PSYCHIATRIC OPD CARE FOR INDOOR RESIDENTS

•HELPING WOMEN HEALING THEIR SOULS AFTER MENTAL ILLNESS

•HOMELY AND COMFORTABLE LIVING ACCOMMODATIONS FOR WOMEN

•DELICIOUSLY FRESHLY PREPARED MEALS AT CLEAN DINING HALL

•EXPERT AND COMPASSIONATE CARE AND THERAPIES FROM EXPERIENCED AND QUALIFIED PROFESSIONALS

•CUSTOMIZED PROGRAMS TO SUIT UNIQUE CARE NEEDS OF EACH WOMAN

•CONTINUED GUIDANCE, SUPPORT AND ADVOCACY



YOGA SHED



PRAYER SHED

AASHA JYOTI KENDRA

CASE STUDY-2



THE AASHA JYOTI KENDRA IS THE PILOT PROJECT STARTED IN 17 DISTRICTS OF UTTAR PRADESH. THE PURPOSE OF LAUNCHING AND ESTABLISHING THE AJK IS TO DEVELOP THE IMMEDIATE RESPONSE MECHANISM FOR WOMEN IN DISTRESS, SITUATION OF ASSAULT AND RELATED CONDITIONS OF VIOLENCE. WCD HAS COME UP WITH MODEL OF INTEGRATED APPROACH OF SERVICES LIKE MEDICAL, LEGAL, PSYCHE SOCIAL COUNSELLING, POLICE, 181 HELPLINE WITH RESCUE VAN SUPPORT AND SORT STAY HOME FOR VICTIM AN HER CHILD UNDER ONE ROOF.

LOCATION-JAWAHAR BHAWAN SAPRU MARG HAZRATGANJ, LUCKNOW.

ACCESS TO THE SITE

NEAREST AIRPORT: CCSI AIRPORT 16.8 KM 24 MIN TO REACH THERE.

NEAREST RAILWAY STATION: CHARBAGH RAILWAY STATION 4.8 KM, 11 MIN TO REACH THERE.

NEARST ISBT: AALAMBAGH BUS STAND 10.3 KM, 17 MIN TO REACH THERE.



BUS STAND



**CHAUDHARY CHARAN
SINGH AIRPORT LKO.**



RLY.STATION

ONE STOP CENTER SERVICES:

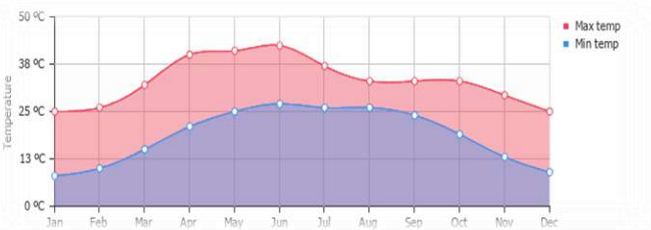
- MAHILA POLICE REPORTING CHOWKI (WOMEN POLICE STATION REPORTING CELL).
- ICPS SOCIAL WORKER/ OUTREACH WORKER.
- DOCTOR TO BE NOMINATED BY HOSPITAL.
- SHORT STAY HOME FOR WOMEN AND CHILDREN.
- DLSA FOR LEGAL ASSISTANCE AND SUPPORT.
- ASHA JYOTI HELPLINE CELL (COORDINATION AND REFERRAL WITH 108, 102, 100, 1098, AND 1090) AND OUTREACH RESCUE OPERATION FOR VICTIMS.
- MEDICAL AID CELL AND PARA MEDICAL STAFF FOR TREATMENT.
- TRAUMA COUNSELING CELL..
- LEGAL AID CELL.
- SHORT STAY HOME.
- CRÈCHE FOR WOMEN VICTIMS.
- TRAINING AND SKILL BUILDING CELL.
- CANTEEN RUN BY WOMEN SELF HELP
- READING ROOM/ SMALL LIBRARY.



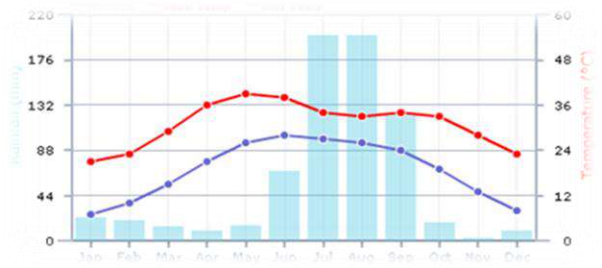
AASHA JYOTI KENDRA

OBJECTIVES:

- TO CREATE A NUCLEUS FOR PROMOTION OF HEALTH IN GENERAL AND MENTAL HEALTH IN PARTICULAR.
- TO PROVIDE STATE OF THE ART MEDICAL FACILITIES FOR POOR AND UNDERPRIVILEGED SUFFERING WITH PSYCHIATRIC DISORDERS.
- TO ESTABLISH, MANAGE AND/OR SUPPORT CHARITABLE AND SUBSIDIZED CLINICS, HOSPITALS, NURSING HOME FOR TREATMENT OF POOR AND UNDER PRIVILEGED.
- TO GIVE SPECIAL ATTENTION AND FOCUS FOR MENTAL AND BEHAVIOURAL HEALTH WHICH MAY HAVE PROBLEMS AND ILLNESS RELATED TO HUMAN MIND AND BRAIN.
- TO ESTABLISH AN OLD AGE HOME WITH ADEQUATE NURSING FACILITIES FOR ELDERLY PEOPLE.



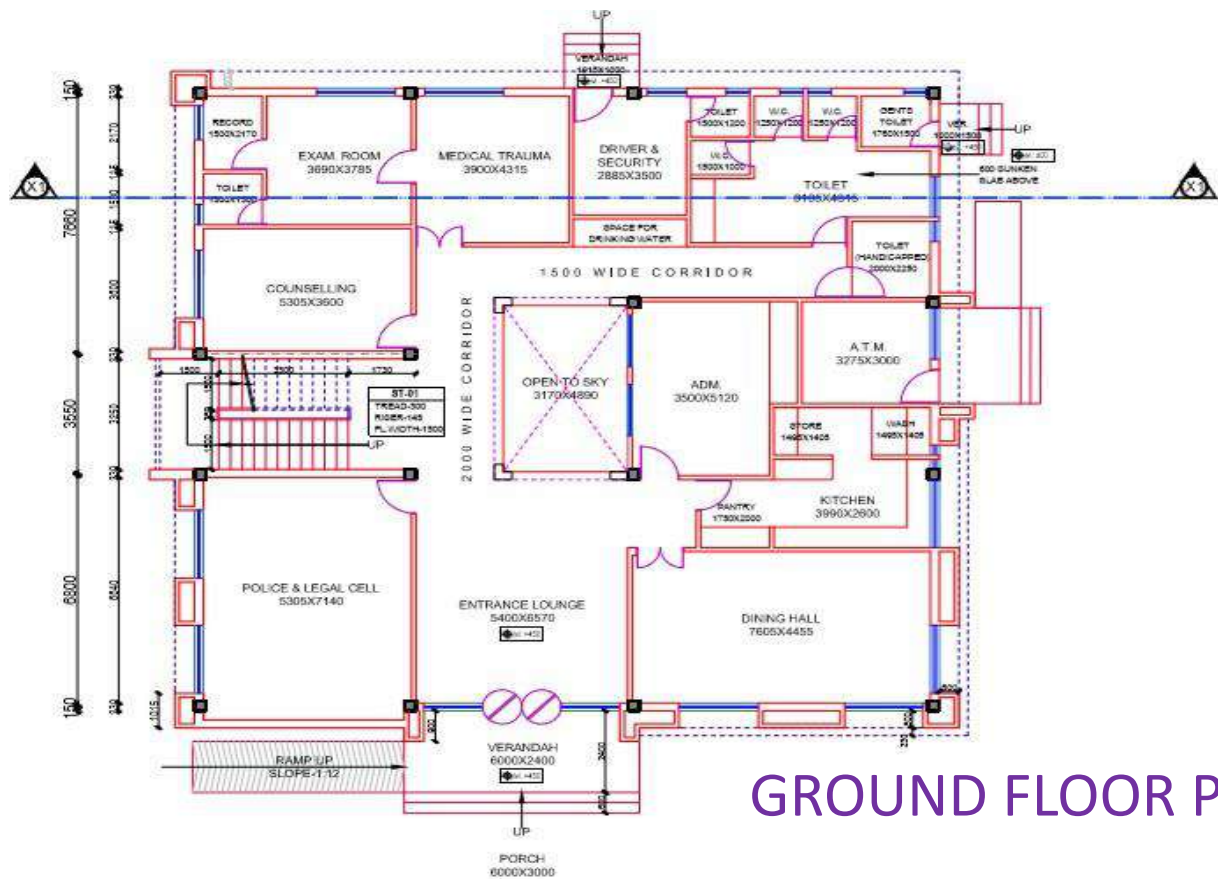
TEMPERATURE DATA



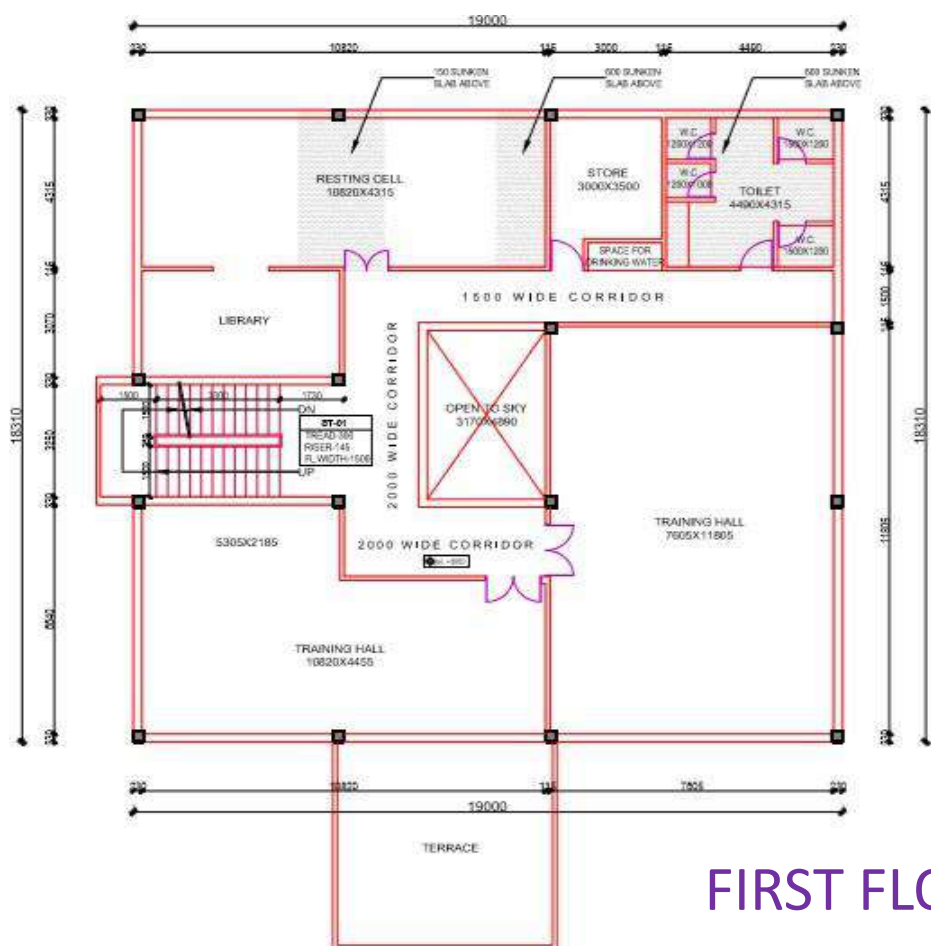
TEMPERATURE DATA

CLIMATIC

- 1-WINTER SEASON / COLD WEATHER SEASON (JANUARY AND FEBRUARY)
- 2- SUMMER SEASON/ PRE-MONSOON SEASON/ HOT WEATHER SEASON/ THUNDERSTORM SEASON (MARCH, APRIL AND MAY)
- 3-SOUTH-WESTMONSOON/SUMMER MONSOON (JUNE, JULY, AUGUST AND SEPTEMBER)
- 4-POST-MONSOON OR NORTHEAST MONSOON OR RETREATING SW MONSOON SEASON (OCTOBER, NOVEMBER AND DECEMBER)



GROUND FLOOR PLAN



FIRST FLOOR PLAN

LITERATURE STUDY:

1. **WOMENS OPPORTUNITY CENTRE WANDA**
2. **SHELTER FOR VICTIMS OF DOMESTIC
VOILENCE ISREAL**

WOMEN'S OPPORTUNITY CENTER

LITERATURE STUDY:1



ON A TWO-HECTARE SITE IN **RWANDA**, THE MOST DENSELY POPULATED COUNTRY IN AFRICA, THE WOMEN'S OPPORTUNITY CENTER IS EMPOWERING ONE SMALL COMMUNITY AND, IN TURN, REWRITING OUR ROLE AS DESIGNERS. ONE HOUR FROM THE RWANDAN CAPITAL OF KIGALI, **KAYONZA** IS LIKE MUCH OF THIS STRIFE-TORN NATION: A PLACE WITH FEW MEANS BUT GREAT PROMISE. IN THIS SEMI-RURAL SETTING, WOMEN DEDICATE THEIR DAYS TO SMALL SUBSISTENCE FARMS, FETCHING FRESH WATER, AND SCAVENGING WOOD FOR FUEL. THE SITE OF THE NEW WOMEN'S OPPORTUNITY CENTER, LOCATED AT A CROSSROADS ABOVE A FERTILE VALLEY, IS AN IDEAL ARENA FOR ARCHITECTURE THAT OPENS A NEW WORLD OF OPPORTUNITY.

LOCATION: KAYONZA , RWANDA

ARCHITECT: SHARON DAVIS DESIGN

CATEGORY: COMMUNITY CENTER

SITE AREA: 4.942 ACRES

PROJECT YEAR: 2013

CLIMATIC CONDITIONS:

KAYONZA'S CLIMATE IS CLASSIFIED AS TROPICAL. IN **KAYONZA**, THE AVERAGE ANNUAL **TEMPERATURE** IS 19.7 °C. AVERAGE ANNUAL RAINFALL IS 898 MM.

MATERIAL USED: HANDMADE CLAY BRICKS HAVE BEEN USED WHICH WERE MADE ON SITE BY THE FUTURE USERS OF THE CENTERS, FROM THIS THEY ALREADY STARTED GIVING THEM AN INCOME GENERATION SKILL. STEEL IS ALSO BEEN USED IN THE CENTER FOR MAKING ROOF.

PRECIPITATION IS THE LOWEST IN JULY, WITH AN AVERAGE OF 5 MM. MOST OF THE PRECIPITATION HERE FALLS IN APRIL, AVERAGING 154 MM.

AT AN AVERAGE TEMPERATURE OF 20.3 °C, SEPTEMBER IS THE HOTTEST MONTH OF THE YEAR. NOVEMBER IS THE COLDEST MONTH, WITH TEMPERATURES AVERAGING 19.2c.

DESIGN CONCEPT:

THE CONCEPT TAKEN FOR THE DESIGN IS OF WOMEN BONDING, IT IS BASICALLY A SMALL SCALE SUSTAINABLE ARCHITECTURE, DESIGNED IN COOLAB. WITH WOMEN FOR WOMEN INTERNATIONAL-AN ORGANISATION THAT HELPS WOMEN SURVIVORS TO REBUILD THEIR LIVES.

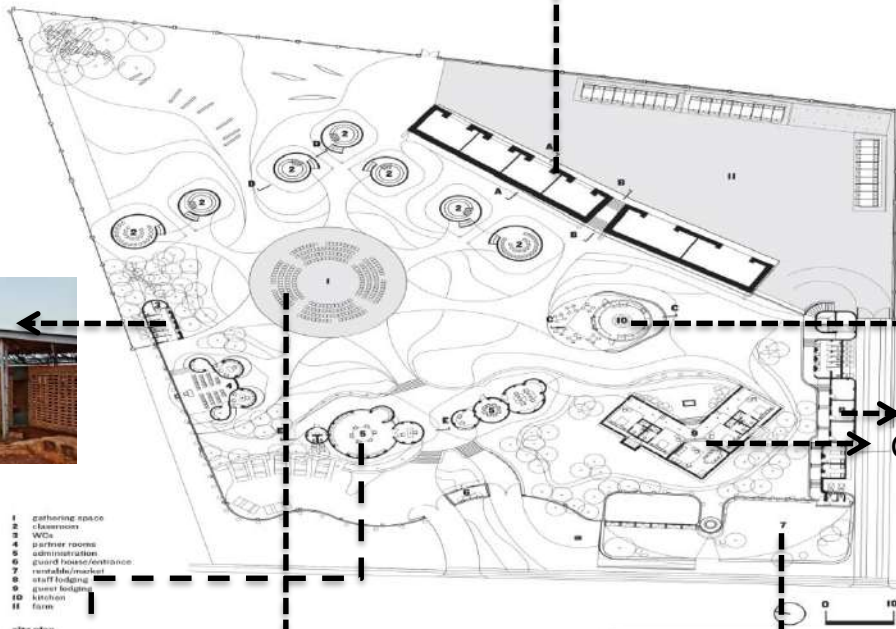
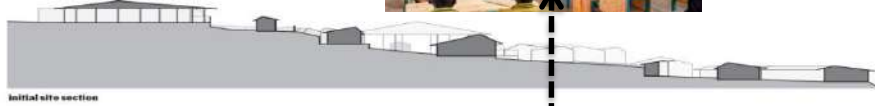
PLANNING OF THE CENTER:

THE PROJECT LITERALLY ACTS LIKE A SMALL VILLAGE AND IS VIRTUALLY SELF-SUFFICIENT BY HAVING CLASSROOMS WHERE NOT ONLY EDUCATE BUT ALSO FARMLAND, A SMALL FARM AND A MARKET THROUGH WHICH WOMEN CAN SELL THE GOODS THEY PRODUCE TO THE REST OF COMMUNITY.





CLASSROOMS



CLAY BRICK



TOILET



ADMIN BLOCK



GATHERING SPACE

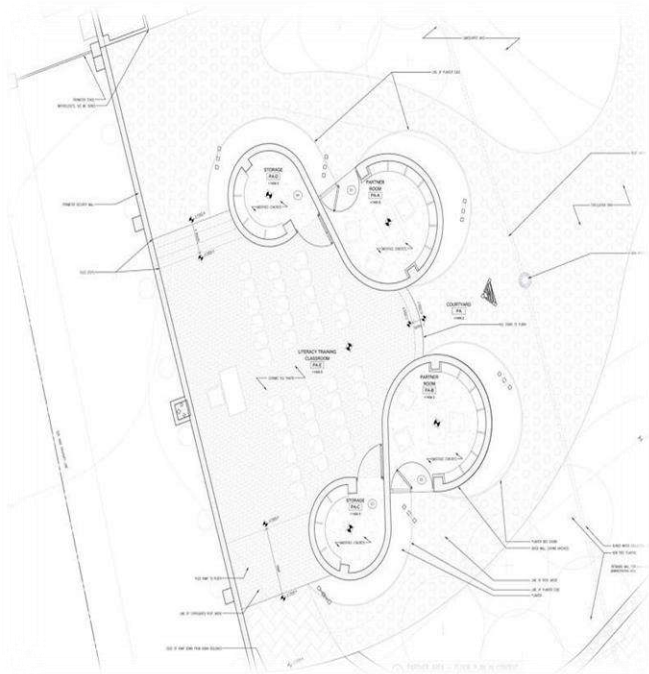


MARKET

MARKET SEGGRATED FROM REST OF THE CENTRE. THE WILL OF SHARON DAVIS ARCHITECTS WAS TO USE **LOCAL MATERIALS** THROUGHOUT THE PROJECT, HENCE OPTING FOR MUD BRICKS AND CORRUGATED METAL AS MAIN MATERIALS FOR CONSTRUCTION.

THE BRICKS WERE MADE ON SITE UNDER THE SUPERVISION OF SITE ENGINEERS WITH CLAYS, WATER AND MOLDS THAT GIVE THEM THE RIGHT WAY TO BE FIT FOR CONSTRUCTION, WHILE THE CORRUGATED SHEET IS A MATERIAL EASY TO GET ON RWANDA.

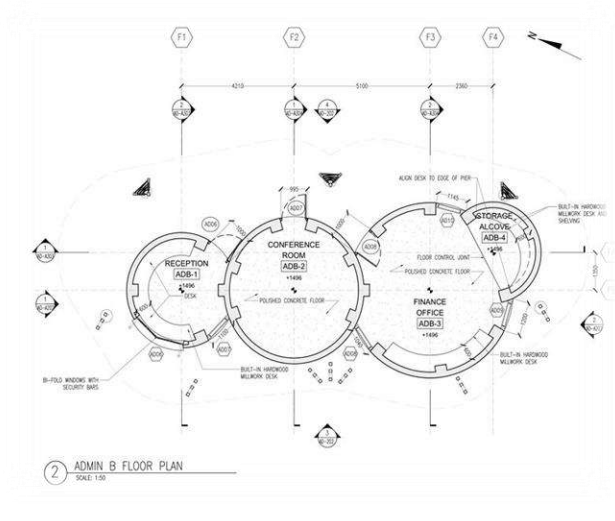
AT THE STREET SIDE MARKET WOMEN SELLS FOOD, TEXTILES, BASKETS AND OTHER PRODUCT THAT ARE PRODUCE ON SITE.



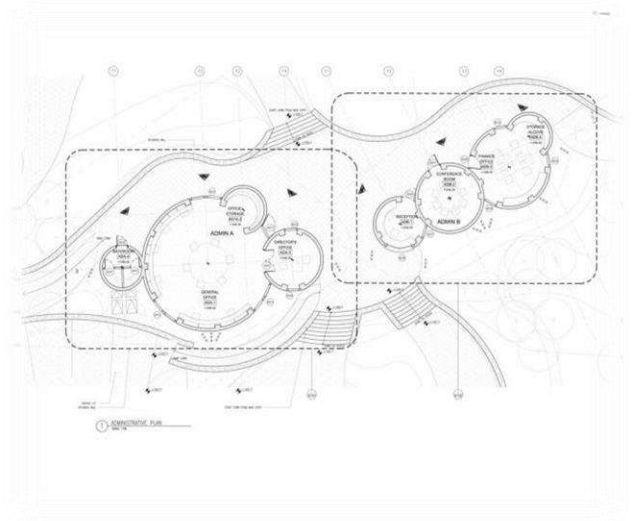
PLAN OF CLASSROOMS



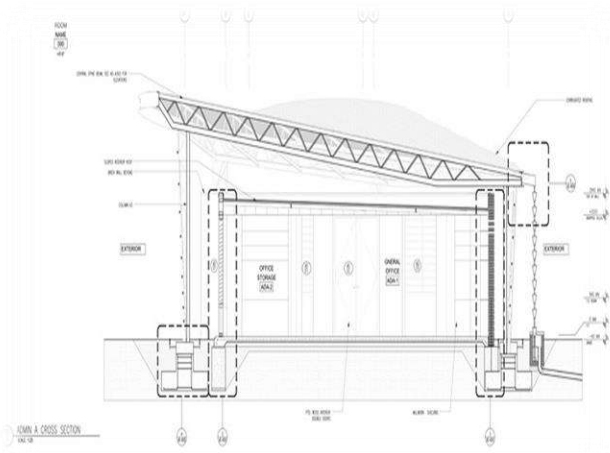
CONCEPT



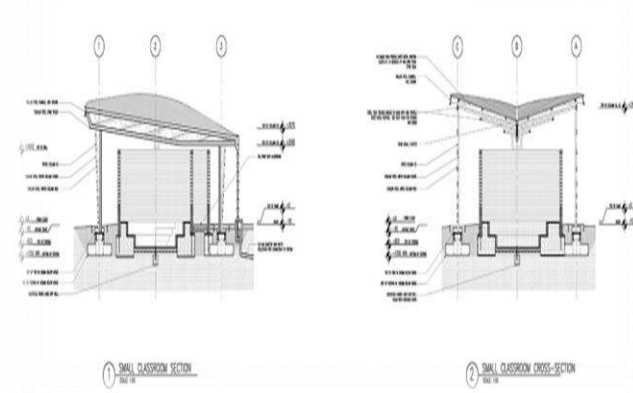
ADMIN BLOCK



CLASSROOM BLOCK



CLASSROOM SECTION

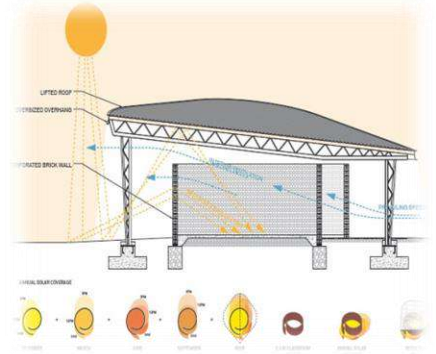


ADMIN BLOCK SECTION

STRUCTURE

FOCUSING ON THE CONSTRUCTION OF THE CLASSROOM, THE STRUCTURE THAT SUPPORTS THE DECK IS ALL METAL, FORMED OF BEAMS TRIANGULATED TO GIVE ROBUSTNESS. ON THIS STRUCTURE A CORRUGATED SHEET IS PLACED, ALSO METAL.

THE BRICK WALLS PLAY THE ROLE OF FRONT, DIVIDING THE INTERIOR SPACE FROM THE OUTSIDE, BUT DO NOT MEET ANY LOAD BEARING SINCE BEING HANDMADE PROJECT ENGINEERS DOUBTED HIS STRENGTH, BUT LATER IT WAS SHOWN THAT THESE BRICKS ARE MUCH MORE RESISTANT THAN EXPECTED AND COULD PROBABLY WITHSTAND EVEN EARTHQUAKES IF AN.



FEATURES OF THE CENTER

THE CENTER IS CONSTRUCTED OF CLAY BRICKS MADE BY THE FUTURE USERS OF THE BUILDING, 500,000 CLAY BLOCKS WERE USED IN CONSTRUCTION, WHICH EVENTUALLY IS AN INCOME GENERATION SKILL.

THE STEEL ROOF OF THE CENTER IS CONSTRUCTED IN A LEAF SHAPED STRUCTURE WHICH HELPS IN THE PROCESS OF WATER HARVESTING.

IN PLACE OF PIT LATRINES TYPICALLY FOUND IN RWANDA – WHICH POLLUTE GROUNDWATER AQUIFERS AND ARE VECTORS FOR DISEASE – WE HAVE DESIGNED SIMPLE, HYGIENIC COMPOSTING TOILETS THAT REDUCE WATER USE WHILE CAPTURING NITROGEN-RICH SOLID AND LIQUID WASTE. OUR EASILY MANAGED SYSTEM NATURALLY PRODUCES FERTILIZER THAT CAN NOURISH THE FARM OR BE SOLD AS PART OF THE SITE'S REVENUE-GENERATING STRATEGIES.

THE PROJECT ALSO INCLUDES A DEMONSTRATION FARM THAT HELPS WOMEN PRODUCE AND MARKET THEIR OWN GOODS.

THIS COMMERCIAL INTEGRATED FARMING INITIATIVE TEACHES WOMEN TO PRODUCE INCOME FROM THE LAND THROUGH ORGANIC TECHNIQUES GEARED TOWARD COMMERCIAL PRODUCTION. THROUGH COMPACT, EASILY MAINTAINED ANIMAL PENS AND CLASSROOMS— COOLED BY GREEN ROOFS AND RETAINED EARTH WALLS— WOMEN LEARN TO RAISE PIGS, COWS, GOATS, AND RABBITS, ALONG WITH FOOD STORAGE AND PROCESSING METHODS THAT CAN BE USED TO RUN THEIR OWN FOOD COOPERATIVES PROFITABLY. HERE, WOMEN SELL FOOD, TEXTILES, BASKETS, AND OTHER PRODUCTS PRODUCED ON SITE, AS WELL AS POTABLE WATER HARVESTED FROM THE CENTER'S ROOFTOPS. MARKET SPACES CAN BE RENTED TO GENERATE ADDITIONAL INCOME, BUILDING A SELF-SUFFICIENT COMMUNITY NETWORK IN [KAYONZA](#).



SHELTER FOR VICTIMS OF DOMESTIC VIOLENCE

LITERATURE STUDY-2

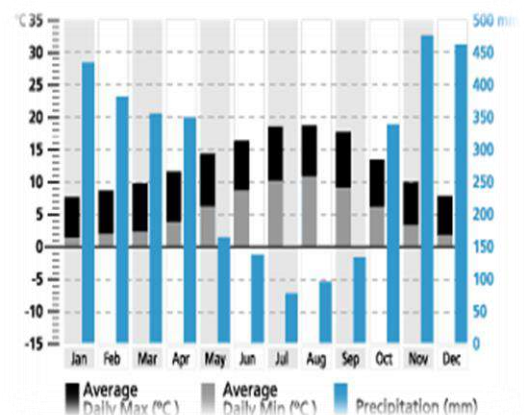
DESIGNED BY LONDON-BASED PRACTICE, AMOS GOLDREICH ARCHITECTURE, ALONGSIDE LOCAL FIRM, JACOBS-YANIV ARCHITECTS, THIS SHELTER IS ONE OF ONLY A HANDFUL IN THE WORLD WHICH HAS BEEN DESIGNED AND BUILT IN CONSULTATION WITH THE STAFF WHO WILL OCCUPY AND RUN IT. LED BY PIONEERING HUMAN RIGHTS ACTIVIST, RUTH RASNIC, FOR INTERNATIONAL CHARITY '**NO TO VIOLENCE**' THE FACILITY WILL PROVIDE A MUCH-NEEDED REFUGE FOR DISTRESSED AND ABUSED WOMEN AND CHILDREN FROM ALL LOCALITIES AND BACKGROUNDS. ACCORDING TO WORLD HEALTH ORGANISATION DATA UP TO 45% OF WOMEN IN ISRAEL, LIKE MOST COUNTRIES IN THE WEST, WILL BE VICTIMS OF DOMESTIC VIOLENCE AT SOME STAGE IN THEIR LIVES AND RECENT STATISTICS INDICATE THAT 45% OF CHILDREN IN ISRAEL ARE SUBJECTED TO VIOLENCE.

LOCATION: TEL AVIV-YAFO, ISRAEL
ARCHITECT: AMOS GOLDREICH
CATEGORY: EMERGENCY SERV. FACI.
SITE AREA: 2 ACRES
PROJECT YEAR: 2018
MATERIAL USED: R.C.C FRAMED
STRUCTURE, WITH FLAT ROOF
TOPOGRAPHY: FLAT LAND



CLIMATIC CONDITIONS:

TEL AVIV HAS A MEDITERRANEAN **CLIMATE** (KÖPPEN **CLIMATE CLASSIFICATION:** CSA), AND ENJOYS PLENTY OF SUNSHINE THROUGHOUT THE YEAR. MOST PRECIPITATION FALLS IN THE **FORM** OF RAIN BETWEEN THE MONTHS OF OCTOBER AND APRIL, WITH INTERVENING DRY SUMMERS

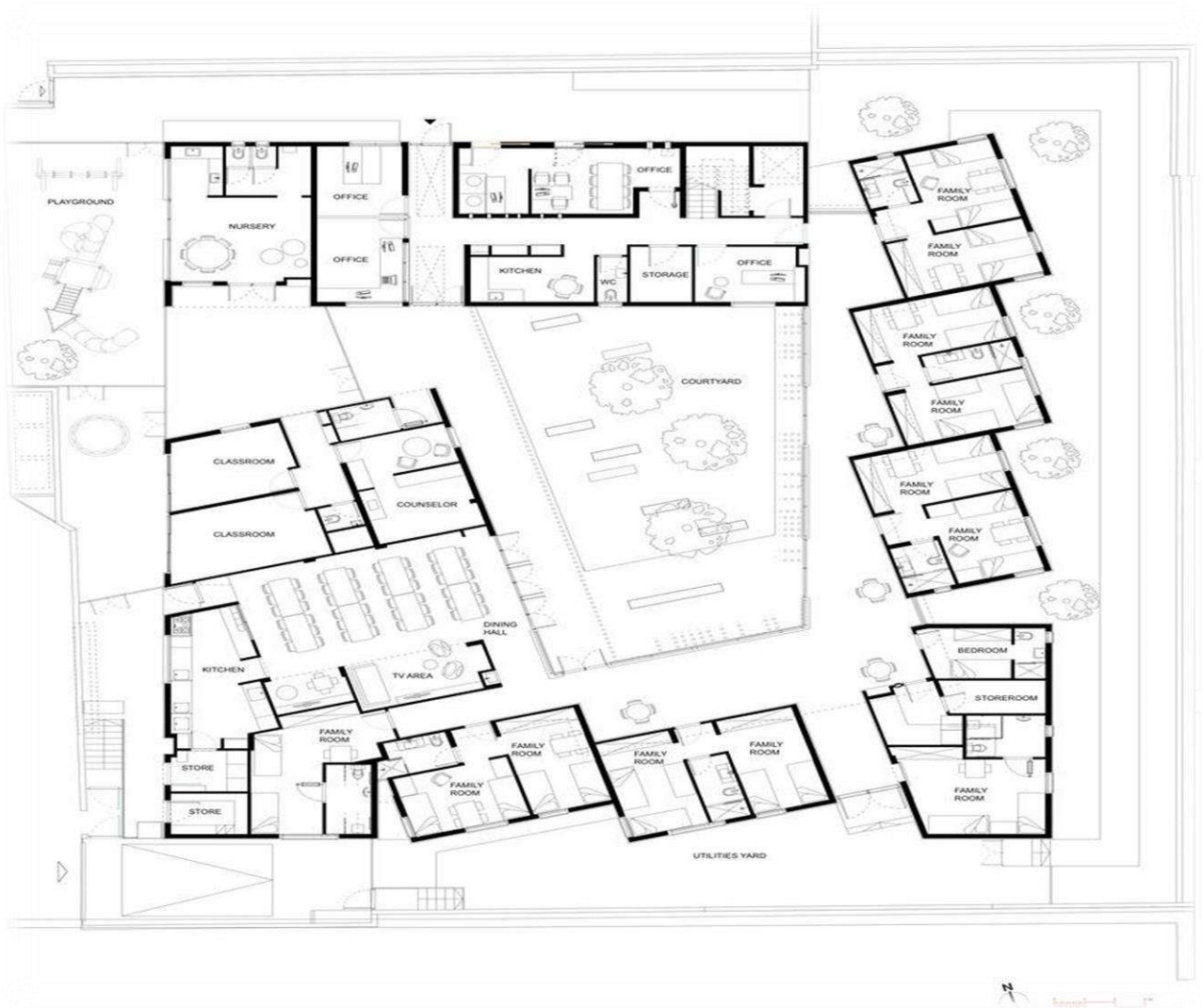


DESIGN CONCEPT:

AMOS GOLDREICH: "I GREATLY ADMIRE THE WORK OF THE ARTIST EDUARDO CHILLIDA AND WHILE DESIGNING THIS BUILDING, I RECALLED A PARTICULAR PROJECT, 'OKAMOTO' FOR WHICH HE PLANNED TO HOLLOW OUT A MOUNTAIN.

THIS CONJURED UP THE IDEA OF STONE, HOLLOWED OUT FROM THE INSIDE, LEAVING IT WITH TWO SURFACES: A ROUGH EXTERNAL ONE, WHILE THE INNER WOULD BE SMOOTH AND DELICATE.

THIS ANALOGY BECAME THE MAIN CONCEPT FOR OUR BUILDING WHICH HAS TWO FACADES - THE SECURE AND PROTECTIVE EXTERIOR, AND THE INNER FAÇADE, GIVING ONTO THE CENTRAL GARDEN, THE THERAPEUTIC "HEART OF THE SHELTER."



GROUND FLOOR



FIRST FLOOR

ON ARRIVAL AT THE SHELTER, EACH NEW FAMILY IS GIVEN A SMALL 'HOUSE' THAT IS PART OF THE LARGER BUILDING. IN ORDER TO ALLOW THE FAMILIES TO CONDUCT A NORMAL DAILY ROUTINE IN THE SHELTER, THE 'HOUSES' ARE SEPARATED FROM THE COMMUNAL FUNCTIONS AND CONNECTED BY THE INTERNAL CORRIDOR. THE NURSERY IS PHYSICALLY SEPARATED FROM THE LARGER BUILDING, WHICH ALLOWS IT TO FUNCTION AS AN ORDINARY NURSERY WOULD, ALLOWING WOMEN TO DROP THEIR CHILDREN OFF IN THE MORNINGS, AND COLLECT THEM LATER IN THE DAY.

THE SHELTER HOUSES A DIVERSE RANGE OF FUNCTIONS - COMMUNAL AREAS, A KINDERGARTEN, COMPUTER ROOM, LAUNDRY FACILITIES, KITCHENS AND A REFECTORY, INDEPENDENT LIVING QUARTERS FOR EACH FAMILY, STAFF ACCOMMODATION, AND OFFICE AREAS FOR THE SHELTER'S MANAGER AND STAFF (INCLUDING SOCIAL WORKERS, A CHILD PSYCHOLOGIST, HOUSEMOTHERS, A CHILD CARE WORKER, AND A PART-TIME LAWYER).

THERE ARE ADDITIONAL PROFESSIONAL WORKERS: PSYCHOTHERAPIST, DRAMA OR ARTS THERAPISTS, AS WELL AS VOLUNTEERS SUCH AS COSMETICIANS, HAIRDRESSERS, REFLEXOLOGY AND MARTIAL ARTS PRACTITIONERS, AND OTHERS HELPING CHILDREN WITH THEIR STUDIES AND COMPUTER SKILLS. THE GREEN SANCTUM OF THE INNER COURTYARD PLAYS A CRUCIAL ROLE AS A MEETING PLACE FOR THE RESIDENTS. IT ALSO SERVES A FUNCTIONAL PURPOSE, PROVIDING OPTIMUM VISUAL CONNECTIONS BETWEEN THE HOUSE MOTHER AND THE FAMILIES, AS WELL AS BETWEEN THE WOMEN AND THEIR CHILDREN. THE SURROUNDING INTERNAL CORRIDOR (OR 'STREET') CONNECTS THE INSIDE AND OUTDOOR SPACES AND CREATES A FREE-FLOWING SPACE IN WHICH WOMEN AND CHILDREN CAN INTERACT, WHILE AT THE SAME TIME MAINTAINING MUTUAL SIGHT LINES BETWEEN THEM AND THE STAFF.

(THE 17,222-SQUARE-FOOT SITE FOR THE SHELTER WAS SPECIFICALLY CHOSEN TO BE SITUATED WITHIN REACH OF LOCAL COMMUNITY RESOURCES, (I.E. STORES, JOBS, HEALTH CLINICS, SCHOOLS, PARKS, COUNSELING CENTERS AND RECREATIONAL FACILITIES)).



INTERIOR VIEW

THE BUILDING'S ENVIRONMENTAL STRATEGY IS HIGHLY SUSTAINABLE, USING LOCALLY SOURCED MATERIALS THAT ARE DURABLE AND LOW-MAINTENANCE, WHILE MAIN AREAS ARE NATURALLY VENTILATED AND MECHANICAL VENTILATION SYSTEMS ARE HIGHLY ENERGY EFFICIENT. THE SHELTER ALSO USES SOLAR PANELS TO HEAT ALL WATER. THE SHELTER OFFERS AN ARRAY OF SERVICES, INCLUDING COMMUNAL AREAS, A KINDERGARTEN, A COMPUTER ROOM, LAUNDRY FACILITIES, KITCHENS AND A REFECTORY, INDEPENDENT LIVING QUARTERS FOR EACH FAMILY, STAFF ACCOMMODATION, OFFICE AREAS FOR THE SHELTER'S MANAGER AND STAFF (INCLUDING SOCIAL WORKERS, A CHILD PSYCHOLOGIST, HOUSEMOTHERS, A CHILDCARE WORKER AND A PART-TIME LAWYER). THERE ARE ADDITIONAL PROFESSIONAL WORKERS INCLUDING PSYCHOTHERAPISTS, DRAMA OR ARTS THERAPISTS ALONG WITH VOLUNTEERS WHO WORKS AS COSMETICIANS, HAIRDRESSERS, REFLEXOLOGY AND MARTIAL ARTS PRACTITIONERS, AND OTHERS HELPING CHILDREN WITH THEIR STUDIES AND COMPUTER SKILLS.

●THE BUILDING COMPRISES A CLUSTER OF SMALL HOUSES THAT ARE STAGGERED ALONG TWO SIDES OF THE SITE. THE INTERNAL CORRIDOR SEPARATES THESE SPACES FROM THE COMMUNAL COURTYARD TO GIVE THEM A SENSE OF PRIVACY AND SEPARATION.

●ALONGSIDE PRIVATE ROOMS FOR UP TO 12 FAMILIES, OTHER FUNCTIONS PROVIDED ON SITE INCLUDE A NURSERY, KINDERGARTEN, COMPUTER ROOM, LAUNDRY, KITCHENS AND A REFECTORY.

●ACCOMMODATION AND OFFICES FOR VARIOUS STAFF ARE ALSO INCORPORATED AROUND THE PERIMETER OF THE GREEN INNER COURTYARD, WHICH SERVES AS A MEETING PLACE FOR RESIDENTS.

●THE CORRIDOR ENCIRCLING THE COURTYARD IS LINED WITH GLAZING TO ALLOW PARENTS TO WATCH THEIR CHILDREN PLAYING, AND TO CREATE THE SENSE OF A SEAMLESS FLOW BETWEEN INTERNAL AND EXTERNAL SPACES.

●THE MAIN BUILDING VOLUMES ARE CLAD IN A UNIFORM GREY BRICK THAT GIVES THEM A ROBUST YET DOMESTIC FEEL.

COMPARATIVE ANALYSIS

S.NO.	UNIT	CASE STUDY 1	CASE STUDY 2	LITERATURE STUDY 1	LITERATURE STUDY 2	NORM
1.	SITE AREA	9ACRES	2ACRES	4.9 AREA	2AREA	
2	REQUIREMENTS/ ACTIVITIES	ADMINISTRATION BLOCK,OPD,MUSEUM, KALAMUTIR,ACCOMODATION,RECREATIONAL KITCHEN, MESS,YOGA SHED,COM SHED	ADMINISTRATION BLOCK, STAFF QUARTER, CANTEEN, CLINIC,POLICE LEGAL CELL, TRAINING HALL, RESTING ROOM, LIBRARY.	HOUSING FOR WOMEN, A SMALL, ADMINISTRATION OFFICE, TOILET & SHOWER BLOCKS, KITCHEN+ DINING HALL, CLASSROOM & COMPUTER LAB,CLASSROOMS, MARKET,KITCHEN GARDEN.	ADMINISTRATION, FOYER, THEATER, ACTIVITY ROOM, HEALTH CARE, RESTAURANT, KITCHEN+STORAGE, SCHOOL, DORMITORIES, STAFF ROOM, WORKSHOPS	RESIDENTIAL,RECREATIONAL, REDEVELOPMENT, NIGHT CARE,FULL CARE HOMES, VOCATIONAL, SENSITISATION & ADVOCATING DROP-IN-SHELTER, HELP LINE, SUPPORT SYSTEM FOR WOMENS, COUNSELLING
3.	CONCEPT	REDUCING SOLAR HEAT GAIN, IMPROVE THERMAL MASS OF THE WALLS, PROVIDING NATURAL VENTILATION.		REDUCING SOLAR HEAT GAIN, IMPROVE THERMAL MASS OF THE WALLS,PROVIDING NATURAL VENTILATION, USE OF LOCAL MATERIALS	REDUCING SOLAR HEAT GAIN, IMPROVE THERMAL MASS OF THE WALLS,PROVIDING NATURAL VENTILATION, USE OF LOCAL MATERIALS	
4.	DORMITORIES	12 HOSTEL ROOMS + STORAGE AREA: 1.5X 5.4 M SQ.			1 SEATER 3 BEDROOM IN EVERY HOUSE	250 M. SQ./100 WOMENS.
5.	STAFF QUATER/ NO. OF STAFF	4 STAFF ROOMS + TOILETS 8 STAFFS		STAFF LOUNGE AND GUEST LOUNGE	2 STAFF ROOMS AREA:20SQM EACH	100 M. SQ./100 WOMEN 1 STAFF FOR A GROUP OF 20 WOMENS MEMBER
6.	ADMINISTRATION BLOCK	DIRECTOR ROOM, WAITING ROOM, MUSEUM, TOILETS AREA: 100M. SQ	CONFERENCE HALL, STAFF ROOM, RECEPTION, ACCOUNTS OFFICE, DIRECTOR ROOM, WASH-ROOM AREA: 19M. SQ.	ACCOUNTS OFFICE + STAFF ROOM	SINGLE ROOM CONTAINING 2 SEPARATE CABINS	100 M. SQ.
7.	RECREATIONAL	PLAYGROUND, KITCHEN GARDEN	GARDEN	GATHERING SPACE, GARDEN	FOYER, THEATER, OPEN-AIR THEATER, ACTIVITY ROOM, WORKSHOP, PROJECTOR ROOM	INDOOR RECREATION: COMMUNITY T.V, PUPPETRY, STORY TELLING, CAROMS, MUSIC, COSTUME SINGING.
8.	VOCATIONAL	BOOKBINDING, ELECTRICAL, CUTTING & TAILORING, BEAUTY, PAINTING AREA: 30X30M		BOOKBINDING, ELECTRICAL, CUTTING & TAILORING, BEAUTY, SNAEING, PAINTING, AND MANY MORES	PAINTING, POTTERY MAKING, STITCHING, DANCE, SINGING ETC	BOOKBINDING, SHOE MAKING, SCREEN-PRINTING, REPAIRING OF DOMESTIC ELECTRICAL APPLIANCES, DOMESTIC HOUSE WIRING, PLUMBING, CARPENTRY, SIGN BOARD AREA: 22X30M
9.	TRAINING BLOCK	2 CLASSROOMS, LIBRARY + COMPUTER LAB, STAFF ROOM, WASHROOM, HALLS, SEMINAR ROOM AREA: 3X30SQM	LIBRARY + COMPUTER LAB, STAFF ROOM, WASH-ROOM, HALLS, SEMINAR ROOM	2 CLASSROOMS + COMPUTER LAB	ART CLASS, CLASSROOM, COMPUTER LAB, LIBRARY.	LIBRARY FACILITIES
10.	KITCHEN/DINING	DINING + KITCHEN + STORAGE, MESS HALL, SEPERATE HALL FOR STAFFS. AREA: 30M. SQ.	DINING + KITCHEN AREA: 337SQM	KITCHEN + DINING + STORAGE	RESTAURANT, KITCHEN, STORAGE.	DINING AREA: 113M. SQ. KITCHEN + STORAGE: 30.3M. SQ.
11.	WASHROOM	10 TOILET + 10 BATHROOM AREA: 32M. SQ.	11 TOILET + 1 BATHROOM IN EVERY HOUSE AREA: TOILET-2.25M. SQ.	6 TOILET + 4 BATHROOMS	2 TOILET + 1 BATHROOM IN EVERY HOUSE	1 TOILET + 1 LAVATORY FOR EVERY 10 WOMENS GROUP
12.	SERVICES	USES SOLAR PANELS FOR ELECTRICITY, RAINWATER HARVESTING FOR WATER STORAGE.	SUMMER SEVER WATER SUPPLY, UNDERGROUND GAS PIPELINE	ELECTRICITY IS PRODUCED THROUGH THE PHOTOVOLTAIC PANELS, UNDERGROUND WATER IS PUMPED N A 10M DEPTH WELL.		ELECTRICITY, WATER SUPPLY, DRAINAGE SYSTEM, GAS SUPPLY ETC.
13.	SUSTAINABILITY	ECONOMICALLY SUSTAINABLE: RAINWATER HARVESTING & USE OF SOLAR PANELS.	ECOLOGICALLY SUSTAINABLE: PROVIDING NATURAL TREES ALL OVER THE SITE.	ECONOMICALLY SUSTAINABLE: ELECTRICITY THROUGH PHOTOVOLTAIC PANELS, UNDERGROUND WATER RESTORATION USE OF NATURAL VEGETATION DURING AT TIME	ECONOMICAL + SOCIETY SUSTAINABLE: PLAYING DRAMAS & SHOWS IN THE THEATER & OPEN-AIR THEATER.	PRODUCING ELECTRICITY THROUGH SOLAR PANELS, COLLECTING RAINWATER, PLAYING DRAMA IN FROT OF SOCIETY.

AREA ANALYSIS AND REQUIREMENTS

SITE CALCULATION
TOTAL AREA-10ACRES
PLOT AREA-40468.5MSQ
GROUND COVERAGE-40% I.E. 16,187.244MSQ
F.A.R- 1.2
BUILTUP= FARXPLOT AREA i.e 48,562.272msq
ACHIEVE G.C= 13,188.84MSQ

ADMIN BLOCK	PERSONS	STD.	AREA
1.ADMIN ASSISTANCE	1	APCS	37.5SQMT
2.CASHIER OFFICE	1	APCS	37.5SQMT
3.CHAIR PERSON	3	APCS	37.5SQMT
4.DEUPTY DIRECTOR	3	APCS	37.5SQMT
5-POLICE BOOTH	15	2M SQ/P	30SQMT
6-STAFF LOUNGE	15	2M SQ/P	30SQMT
7-TOILETS		APCS	20SQMT
8-LEGAL ADVICE		APCS	30SQMT
9-RECORD ROOM		APCS	30SQMT
10-SEMINAR HALL	60	1.8MSQ/P	104SQMT
11-CONFERENCE RM.	15	4MSQ/P	60SQMT
		TOTAL-	540SQMT
TIFFIN CENTRE			
1-WAITING/RECP.		APCS	175SQMT
2-PREPARATION AREA			100MSQ
3-DRYING AREA			80MSQ
4-STORAGE & PACKING	2 UNITS		85MSQ
5-TOILETS	1 TOILET/10 WOMEN		50MSQ
TOTAL- 530MSQ WITH ALL CIRCULATION SPACE			

MARKET BLOCK	PERSON	STD.	AREA
TOTAL NO. OF SHOP	12SHOPS		20MSQ
TOTAL NO. OF SHOP ARE 12 AND AREA OF SHOP ARE 20MSQ			
TOILETS			25MSQ
EXHIBITION AREA			300MSQ
TOTAL AREA-350MSQ WITH CIRCULATIONS			
IN PATIENT DEPT.	PERSON	STD.	AREA
RECEPTION	60	2MSQ/P	115MSQ
GYNAECOLOGIST	3		30MSQ
PHY SICIAN	3		30MSQ
PSY CHIATRIST	3		30MSQ
MEDICINE ROOM	1		30MSQ
PANTRY	1		24MSQ
TOILET			16MSQ (2UNITS)
WARDS(1)			110MSQ
WARDS(2)			150MSQ
THERAPY ROOM			50MSQ
TOTAL- 750MSQ WITH ALL CIRCULATION SPACE			

MESS BLOCK	PERSON	STD.	AREA
MESS HALL	200	2MSQ/P	200MSQ
KITCHEN- AREA OF KITCHEN WILL BE THE 40% OF MESS 160MS			
DINING SPACE	25	2MSQ/P	50MSQ
TOTAL AREA-600MSQ WITH CIRCULATIONS			
RECREATIONAL BLOCK	PERSON	STD.	AREA
RECEPTION	60	2MSQ/P	115MSQ
GYM	30	5MSQ/P	150MSQ
INDOOR GAMES	30	5MSQ/P	150MSQ
LIBRARY	50	3MSQ/P	150MSQ
MUSIC ROOM	30	5MSQ/P	150MSQ
DANCE ROOM	30	5MSQ/P	150MSQ
ZUMBA ROOM	30	5MSQ/P	150MSQ
AMPHITHEATRE	300	2MSQ/P	360MSQ
TOILETS			50MSQ
SOCIAL GATHERING	300	1MSQ/P	300MSQ

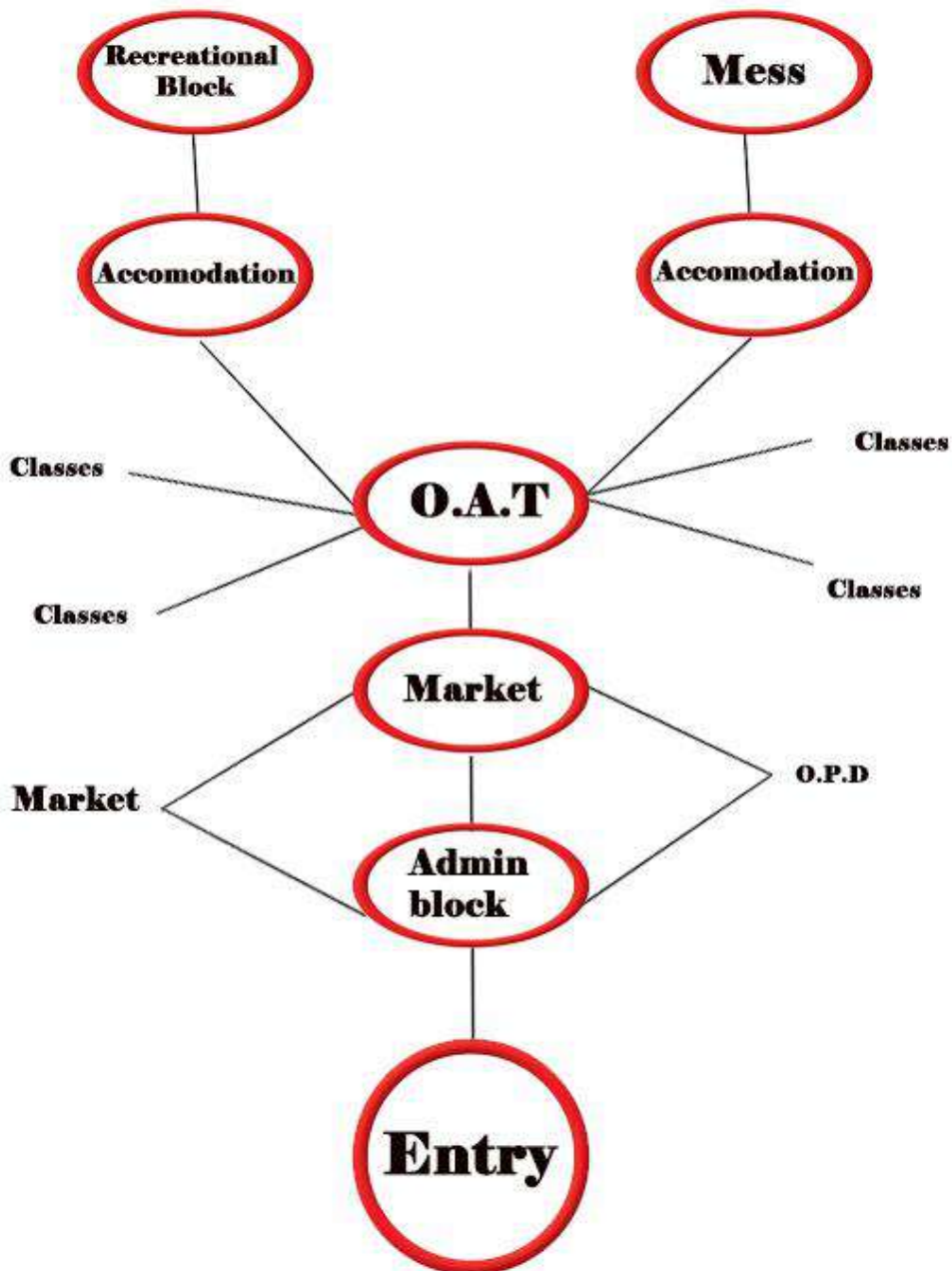
MEDITATION BLOCK	PERSON	STD.	AREA
PRAYER HALL	50	5M SQ/P	250MSQ
YOGA HALL	50	5M SQ/P	250MSQ
TOILETS			
TOTAL AREA-450MSQ WITH CIRCULATIONS			
SKILL DEVELOPMENT CLASSES	PERSON	STD.	AREA
COMPUTER CLASS	30	5M SQ/P	150M SQ/P
POTTERY CLASS	75	2M SQ/P	150M SQ/P
ENGLISH SPEAKING	100	1.5M SQ/P	150M SQ/P
BASKET WEAVING	75	2M SQ/P	150M SQ/P
BEAUTICIAN CLSSES	75	2M SQ/P	150M SQ/P
BASIC EDUCATION	75	2M SQ/P	150M SQ/P
VEGETATION CLASS	75	2M SQ/P	150M SQ/P
SELF DEFENCE CLASS	50	5M SQ/P	250MSQ
TOTAL AREA-1800MSQ WITH CIRCULATIONS			

ACCOMODATION-1	PERSON	STD.	AREA
RECEPTION	60	2M SQ/P	115MSQ
OFFICE	2	APCS	12MSQ
VISITORS ROOMS	2	APCS	12MSQ
WARDEN ROOMS	1	APCS	16MSQ
COURTYARD			150MSQ
LAUNDRY			350MSQ
COMMON ROOM	75	3M SQ/P	350MSQ
ROOM	2	6MSQ/BED	15M SQ
DORM. ROOM	3	6MSQ/BED	20M SQ
TOILETS			24MSQ/TOILETS
ONE TOILET/10 WOMENS			
LIFT			3SQM
PORCH			15SQM
MEETING ROOM	50	2M SQ/P	100SQM
TOTAL AREA-2600MSQ WITH CIRCULATIONS			

ACCOMODATION-2	PERSON	STD.	AREA
RECEPTION	60	2M SQ/P	115MSQ
OFFICE	2	APCS	12MSQ
VISITORS ROOMS	2	APCS	12MSQ
WARDEN ROOMS	1	APCS	16MSQ
COURTYARD			150MSQ
LAUNDRY			350MSQ
COMMON ROOM	75	3M SQ/P	350MSQ
ROOM	2	6MSQ/BED	15M SQ
DORM. ROOM	3	6MSQ/BED	20M SQ
TOILETS			24MSQ/TOILETS
ONE TOILET/10 WOMENS			
DINING HALL	50	2M SQ/P	100SQM
PORCH			15SQM
TOTAL AREA-2600M SQ WITH CIRCULATIONS			

DESIGN CONCEPT AND FLOW CHART

Site zoning :

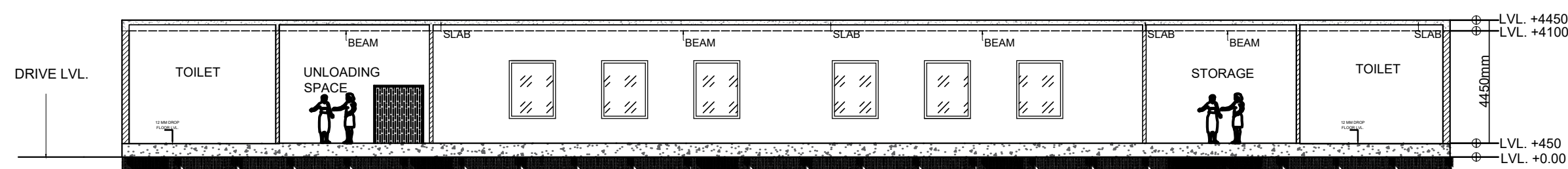
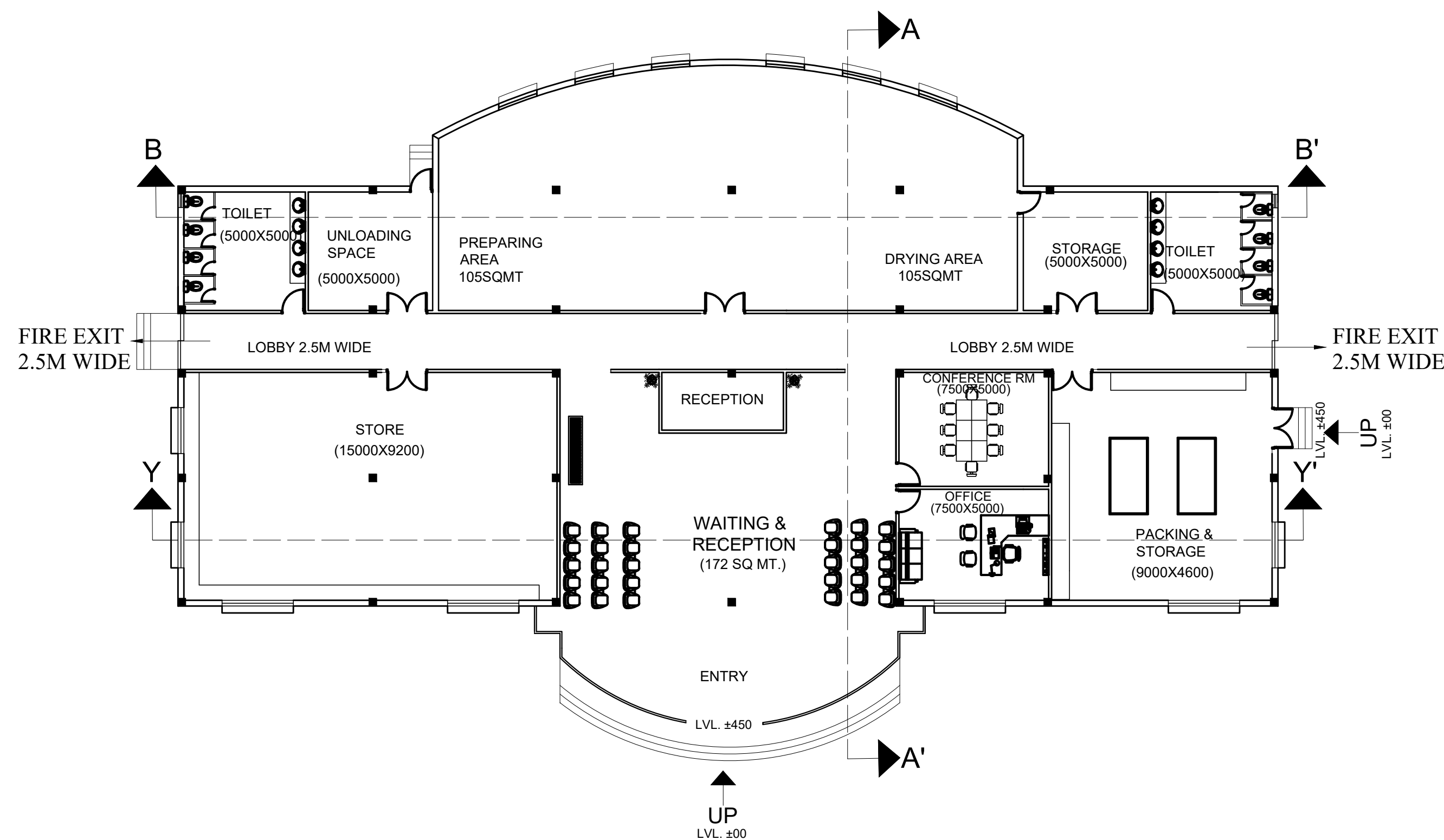


SITE ZONING

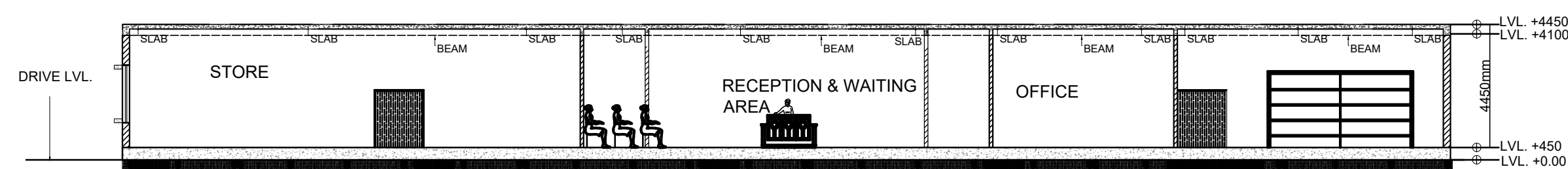
CONCEPT



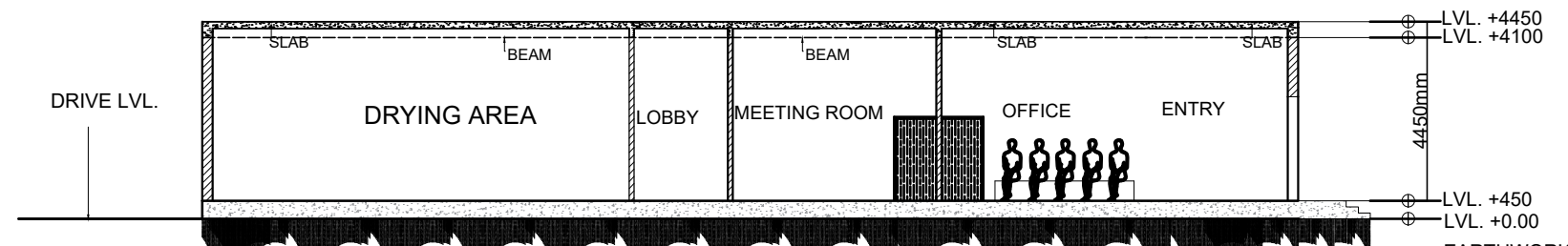
TIFFIN CENTER PLAN



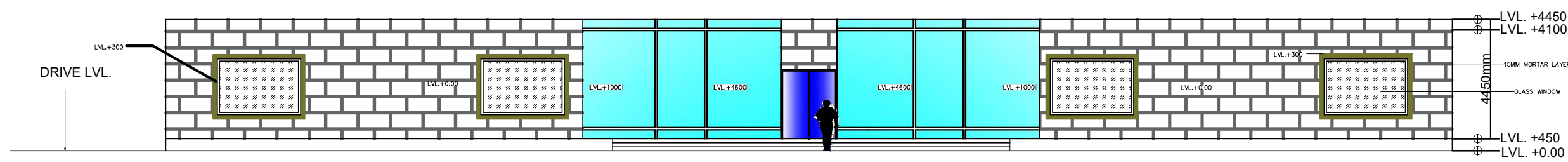
SECTION B-B'



SECTION Y-Y'

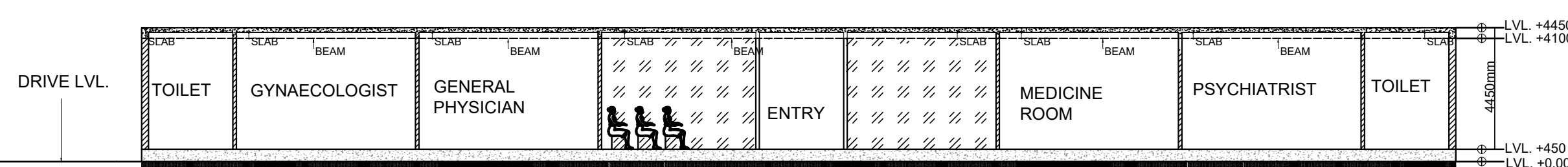
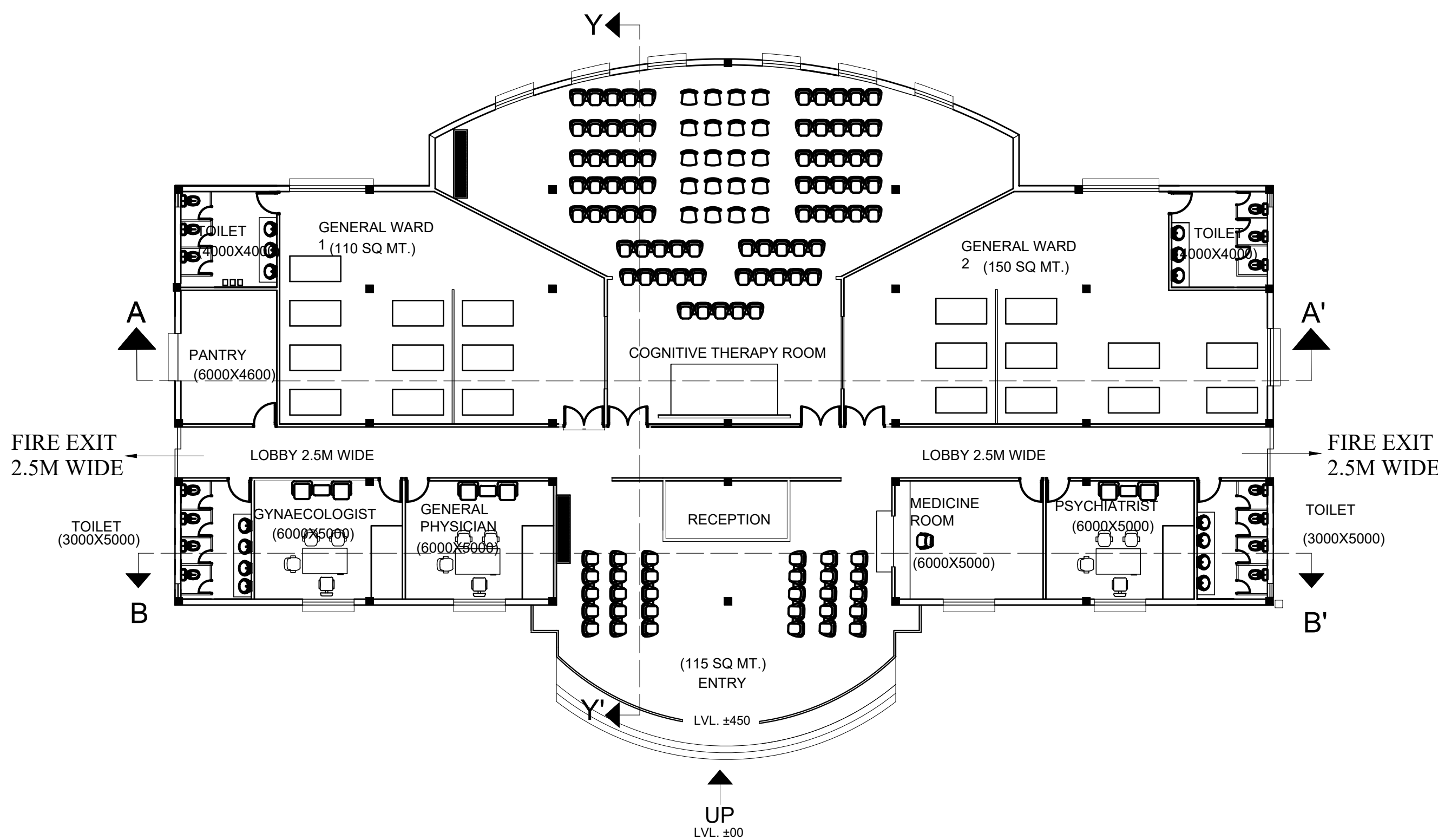


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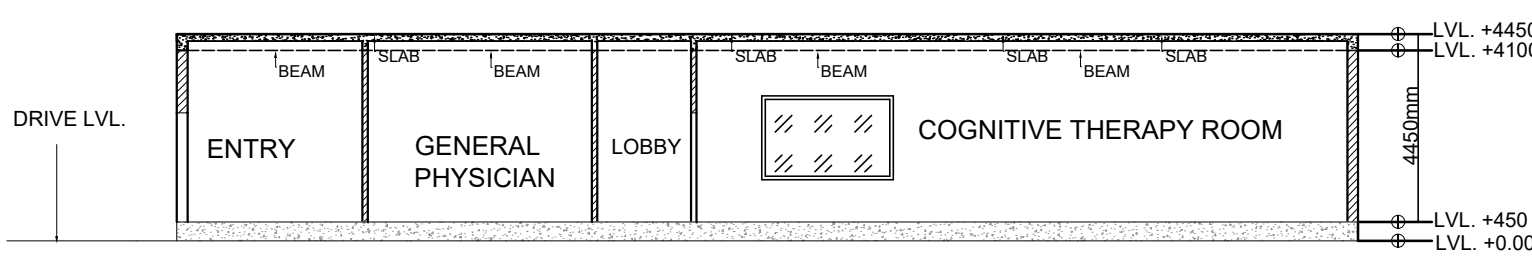


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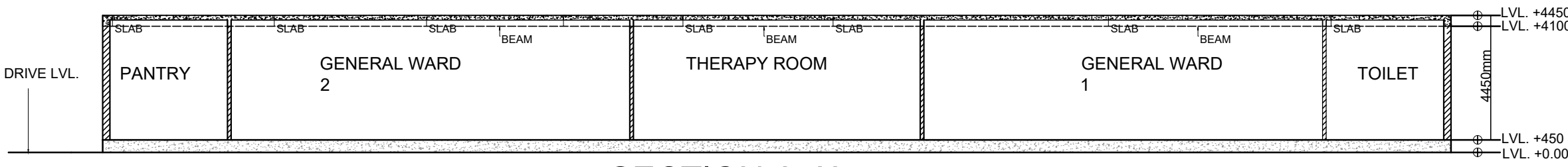
IN-PATIENT DEPT.



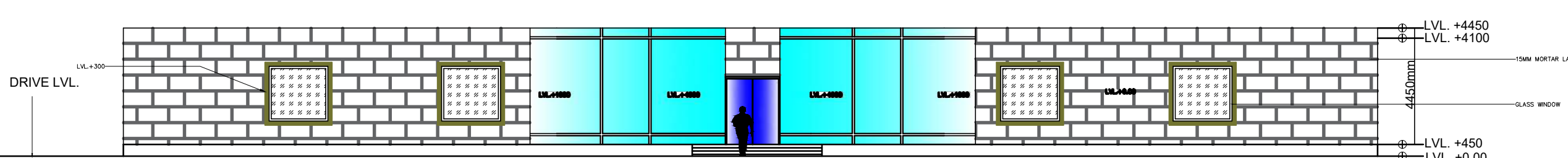
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SECTION Y-Y'



SECTION A-A'



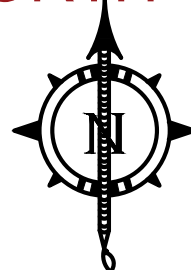
FRONT ELEVATION



SUBJECT **ARCHITECTURAL THESIS** AR- 1001
ASSIGNMENT **CENTRE FOR WOMEN SUSTENANCE AND EMPOWERMENT, DWARKA SEC-11 NEW DELHI**

TIFFIN CENTRE PLAN AND IN-PATIENT DEPT. PLAN
SUBMITTED BY **URVASHI SINGH**
STUDIO **ARCHITECTURAL DESIGN** YEAR **5th YEAR** SECTION **AR 5-1**

NORTH

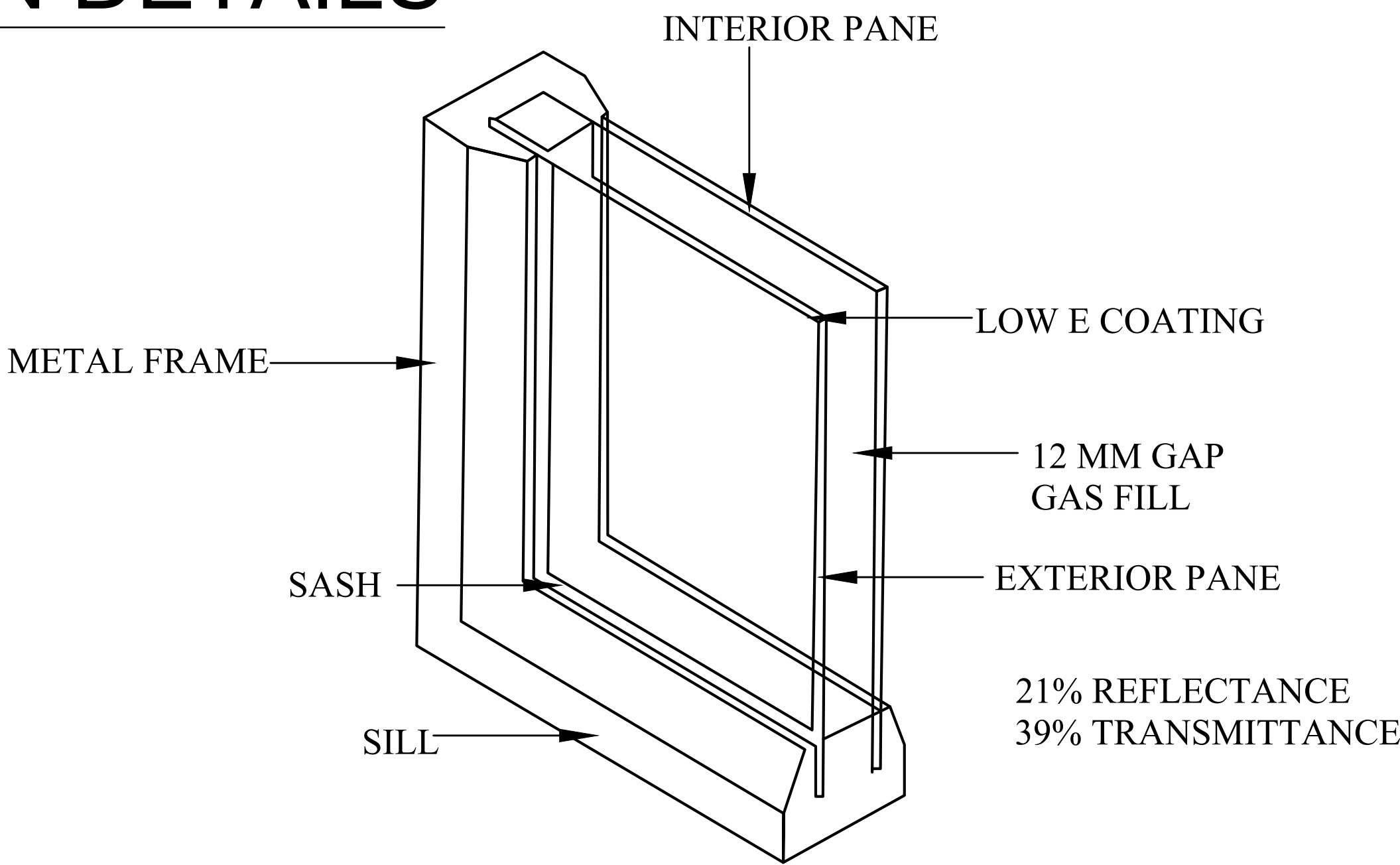
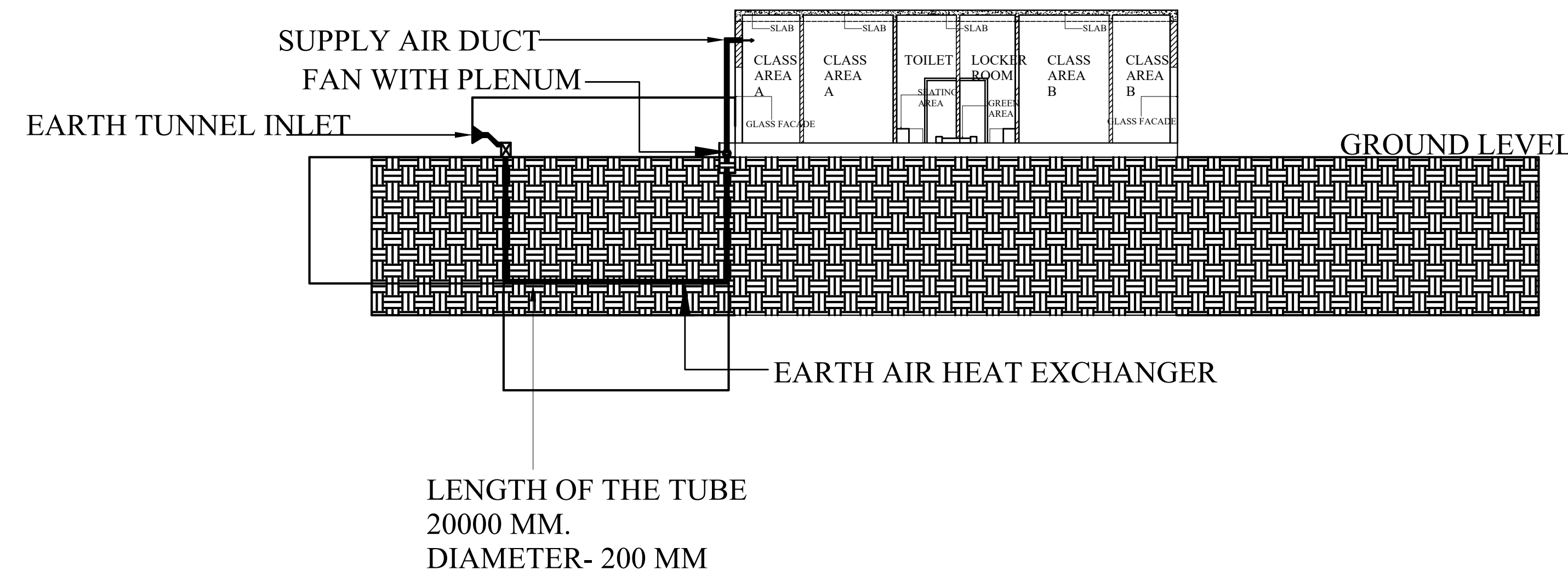


KEY PLAN

DATE OF SUBMISSION :-
16/05/2020
GUIDE NAME
GUIDE- PROF. KESHAV KUMAR
THESIS CO-ORDINATOR
AR. URVASHI TIWARI
AR. SHAILESH YADAV

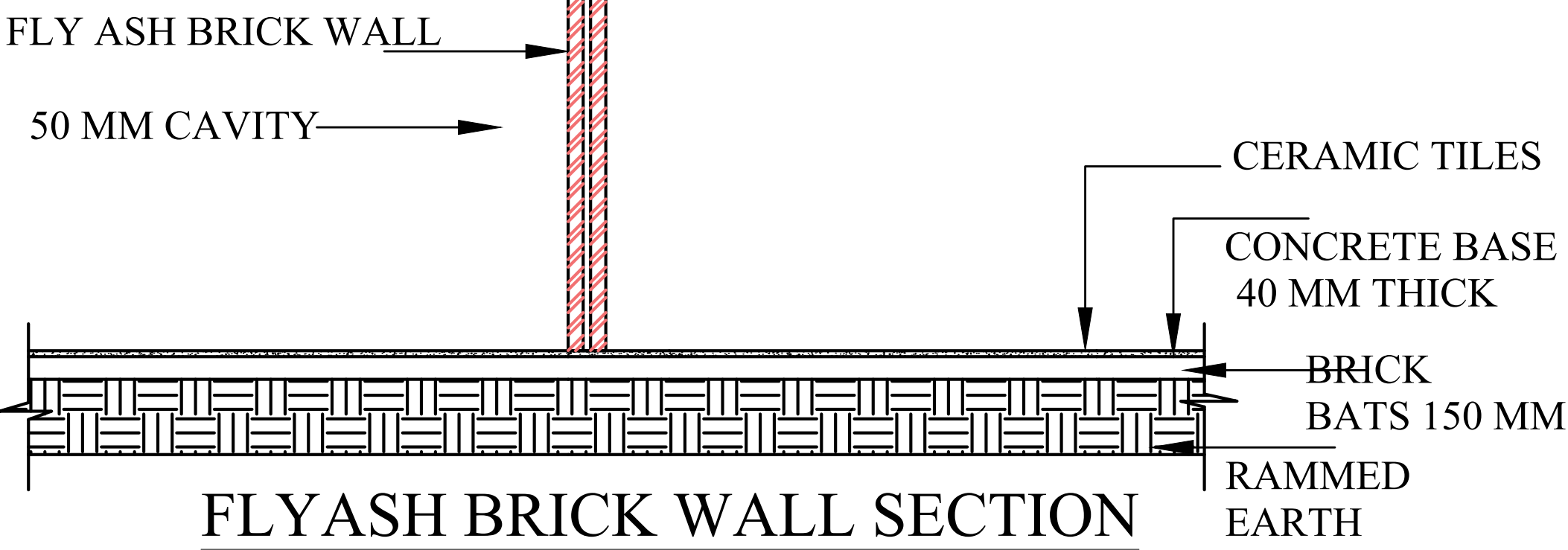
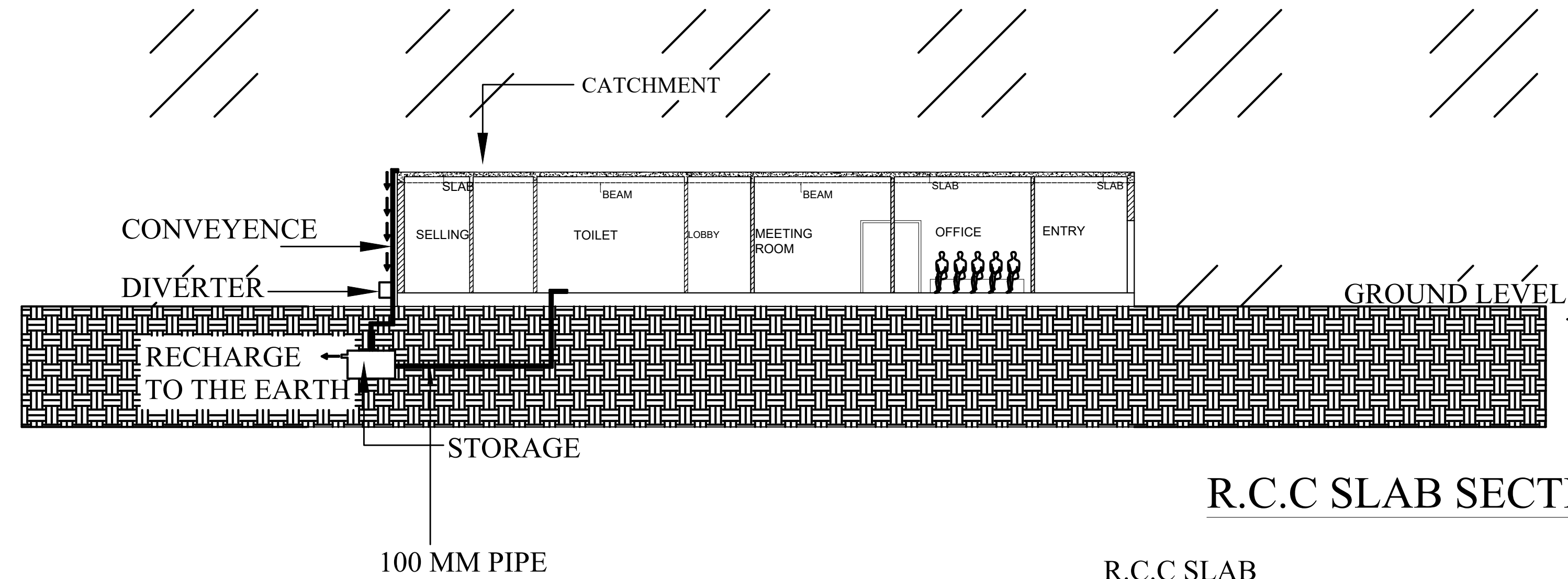
CONSTRUCTION DETAILS

SECTION OF EARTH AIR TUNNEL

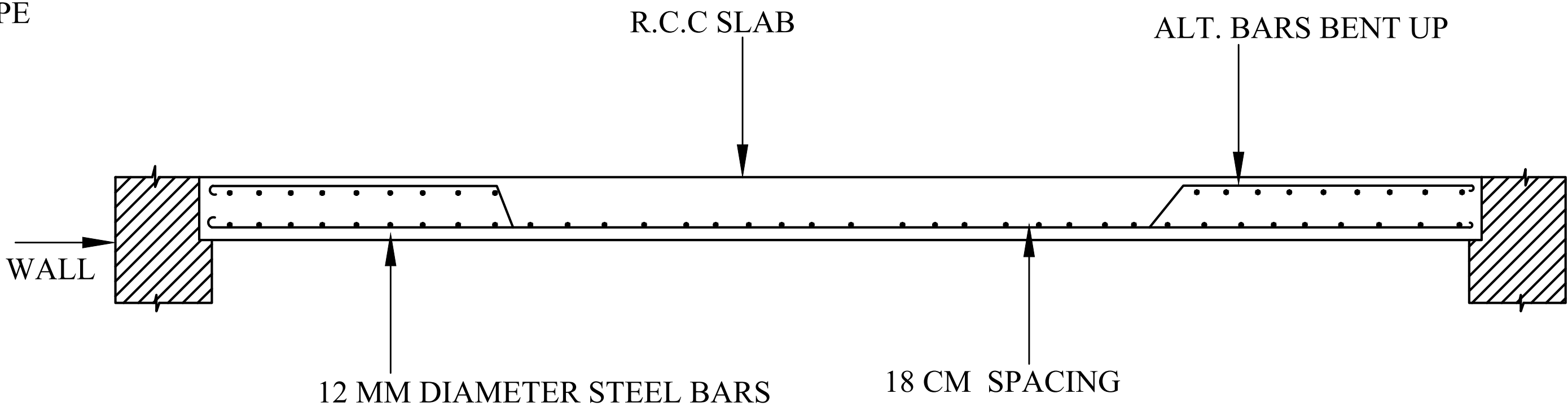



LOW-E GLASS COATING

SECTION OF RAIN WATER HARVESTING

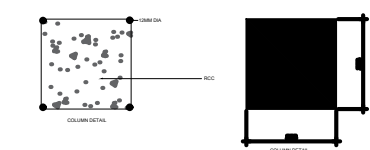
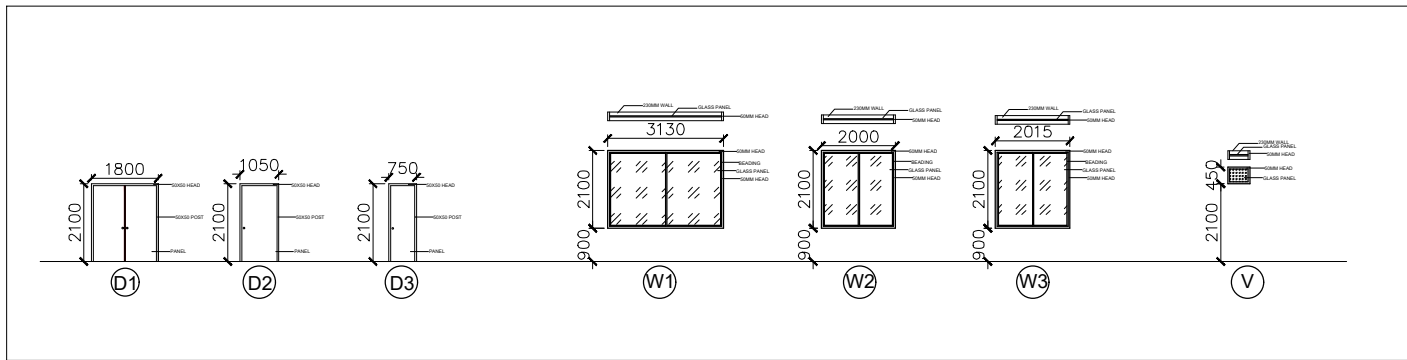
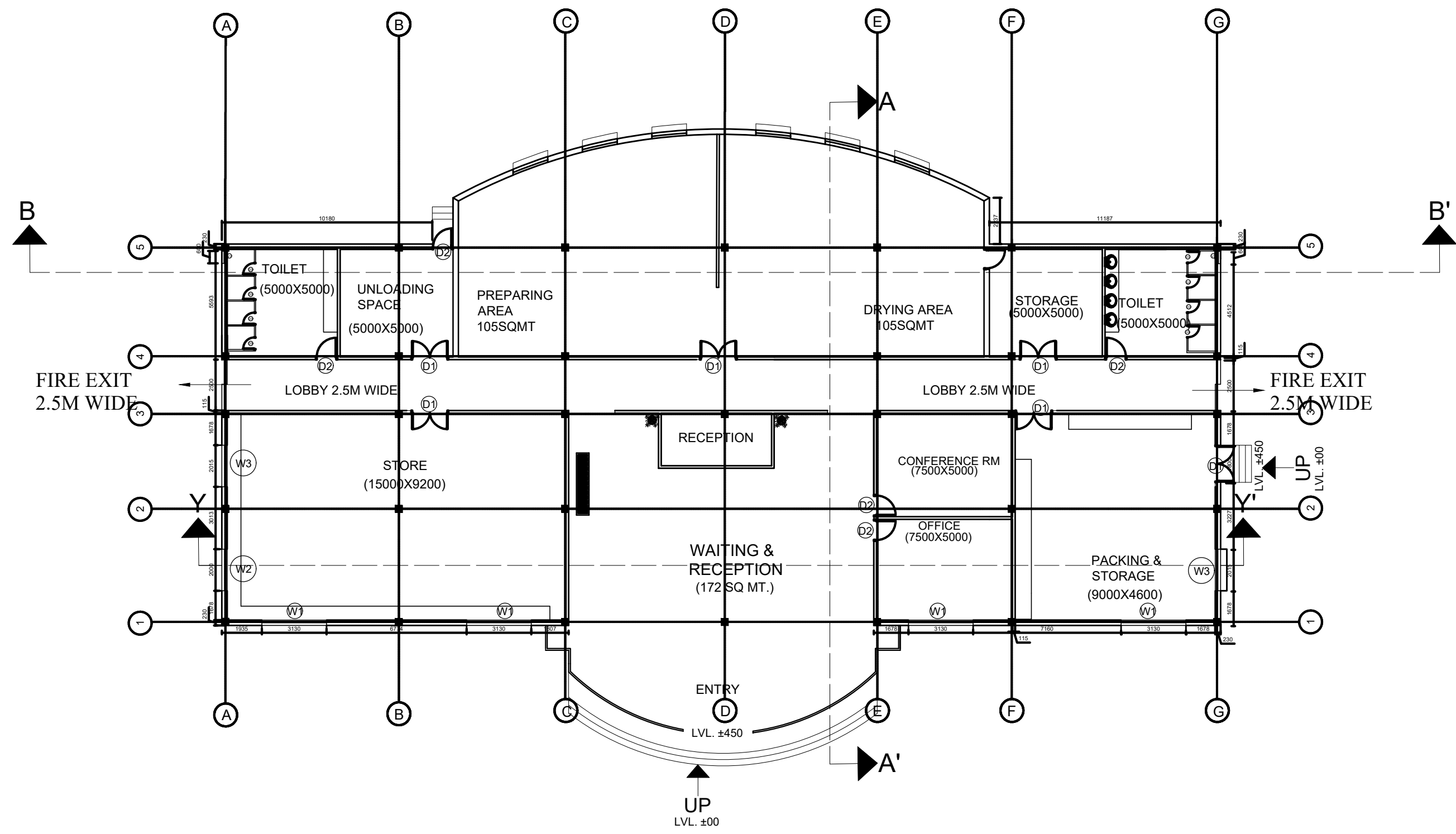


R.C.C SLAB SECTION

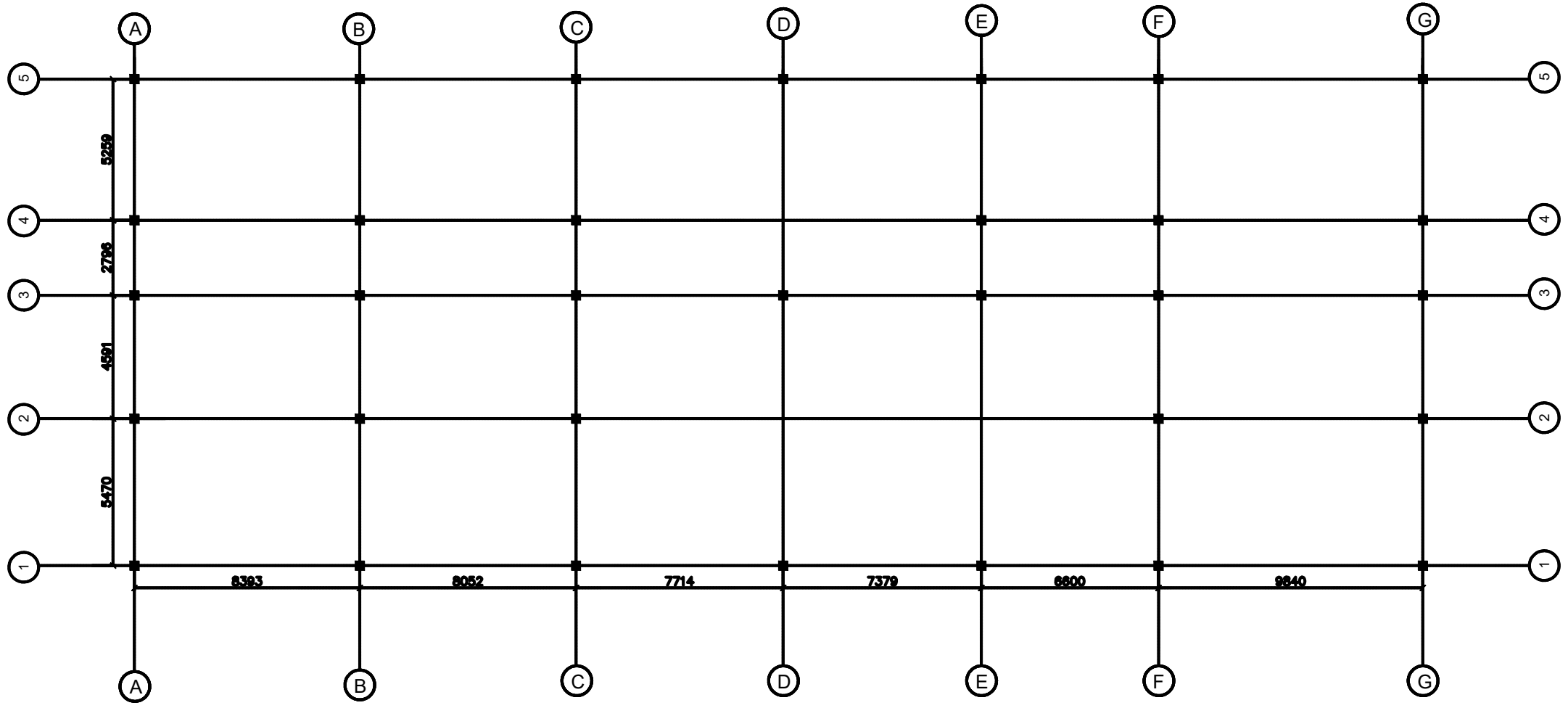


<div><div></div><div>SHEET NO-1</div><div></div></div>	SUBJECT	ARCHITECTURAL THESIS	AR- 1001	CONSTRUCTION DETAILS					DATE OF SUBMISSION :- 16/05/2020
	ASSIGNMENT	CENTRE FOR WOMEN SUSTENANCE AND EMPOWERMENT, DWARKA SEC-11 NEW DELHI		SUBMITTED BY URVASHI SINGH			<div>NORTH</div> <div></div>	KEY PLAN	GUIDE NAME GUIDE- PROF. KESHAV KUMAR
			STUDIO ARCHITECTURAL DESIGN		YEAR 5th YEAR	SECTION AR 5-1			THESIS CO-ORDINATOR- AR. URVASHI TIWARI AR. SHAILESH YADAV

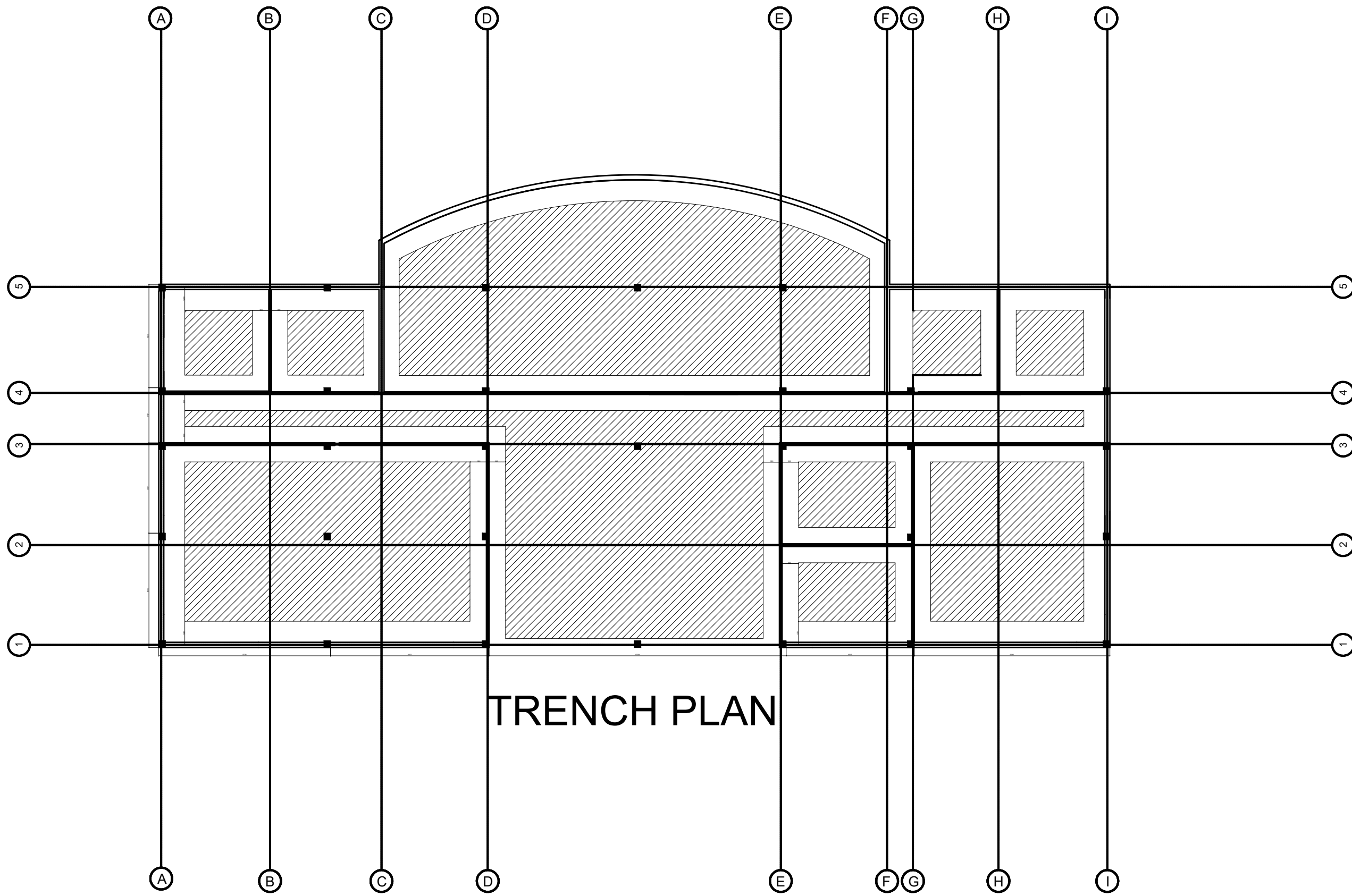
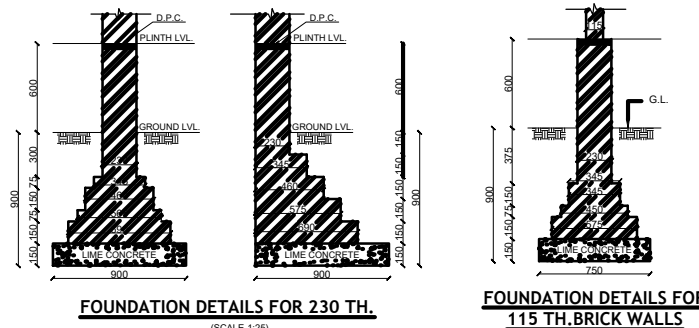
TIFFIN CENTER



DOOR/WINDOW SCHEDULE						
S. No.	Name	Breadth	Height	Lintel	Sill	QUANTITY
1.	D1	1800	2100	2100	00	05
2.	D2	1050	2100	2100	00	05
3.	D3	750	2100	2100	00	08
4.	W1	3130	3000	3000	900	04
5.	W2	2000	3000		900	02
6.	W3	2015	3000		900	01
7.	V	600	450			02



GRID PLAN



TRENCH PLAN



SUBJECT **ARCHITECTURAL THESIS** AR- 1001

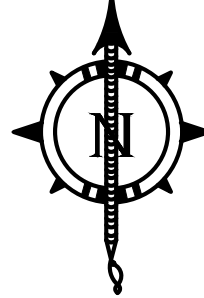
ASSIGNMENT **CENTRE FOR WOMEN SUSTENANCE AND EMPOWERMENT, DWARKA SEC-11 NEW DELHI**

ELECTIVE-1 (WORKING)

SUBMITTED BY **URVASHI SINGH**

STUDIO **ARCHITECTURAL DESIGN** YEAR **5th YEAR** SECTION **AR 5-1**

NORTH

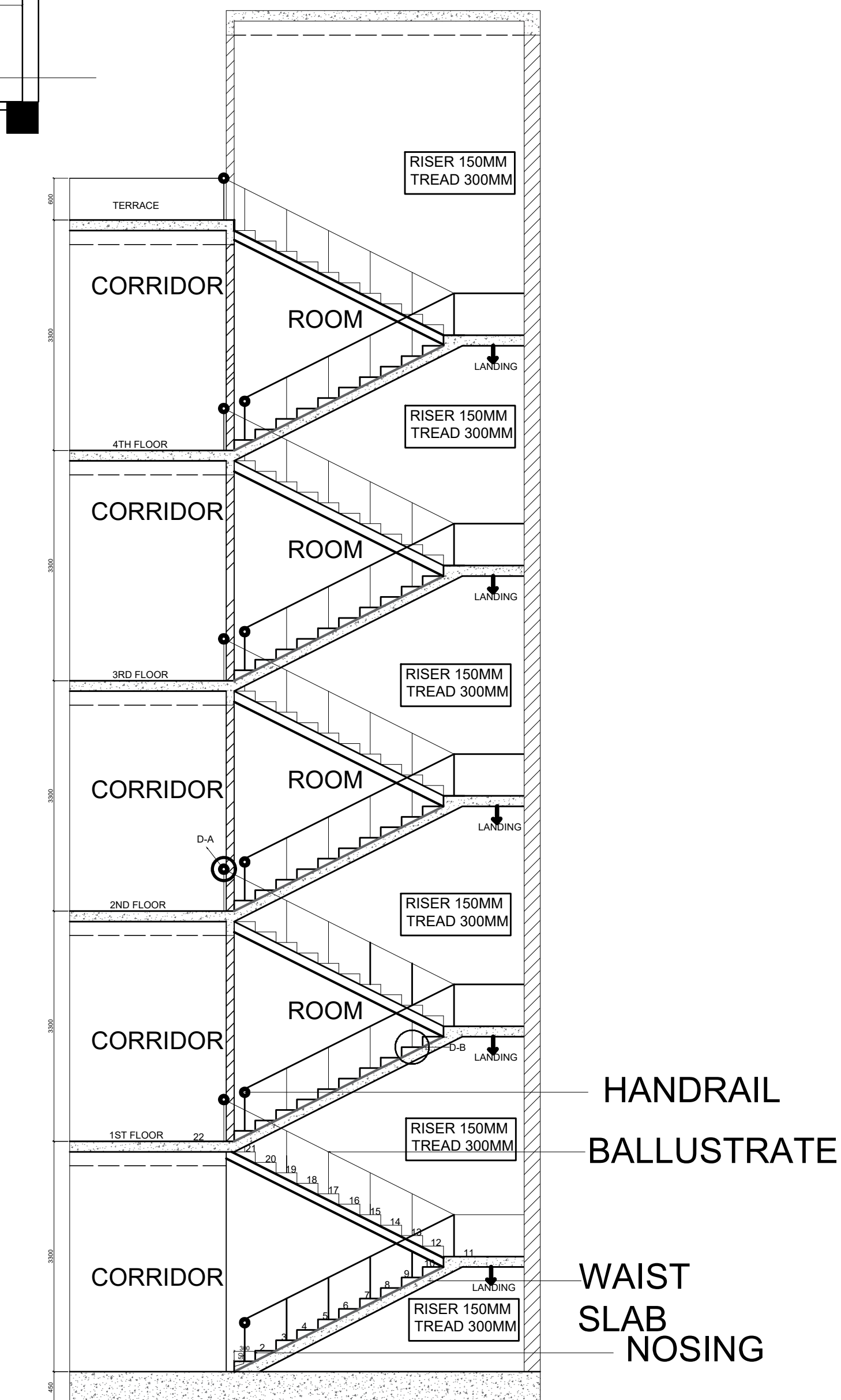
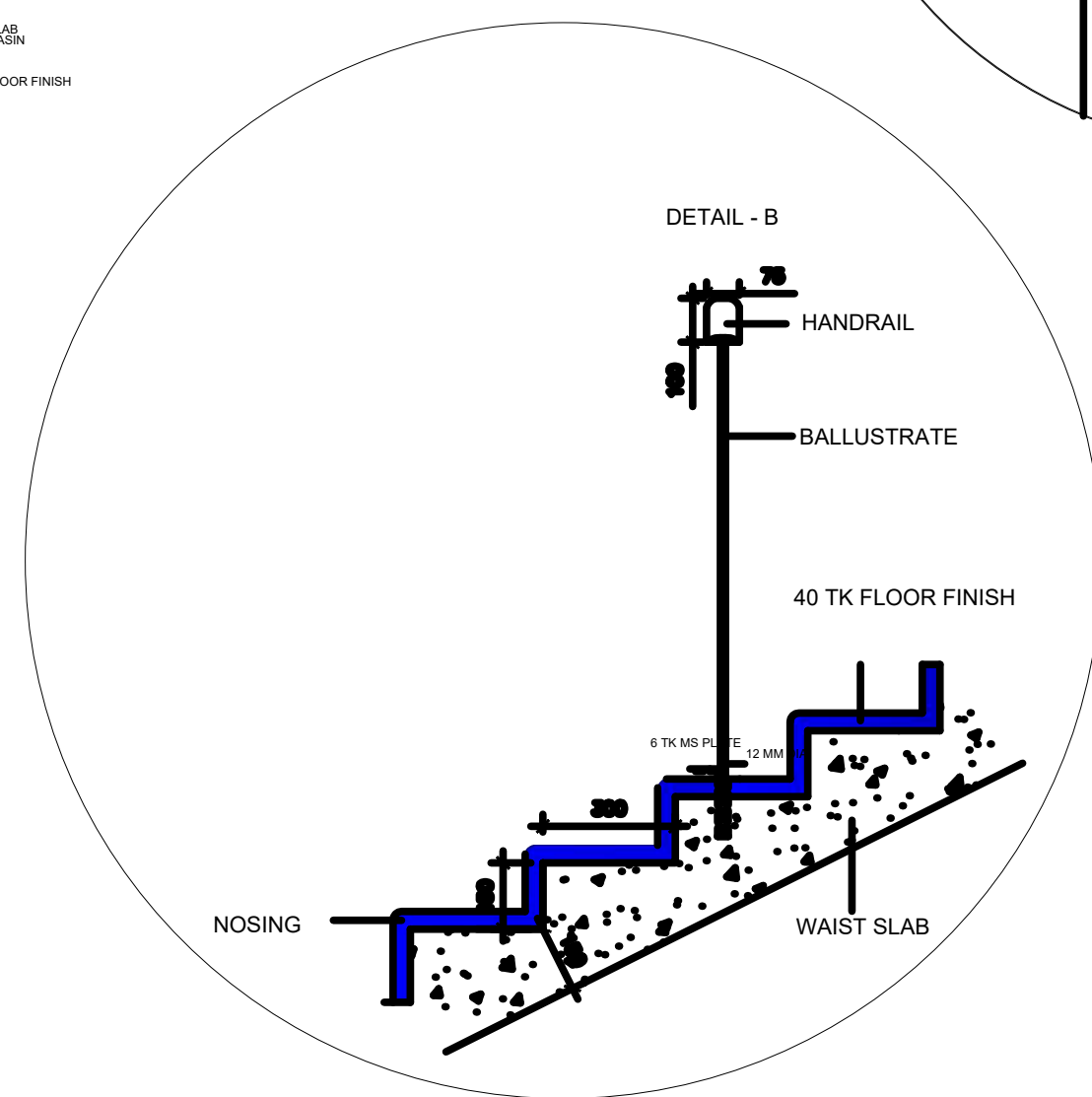
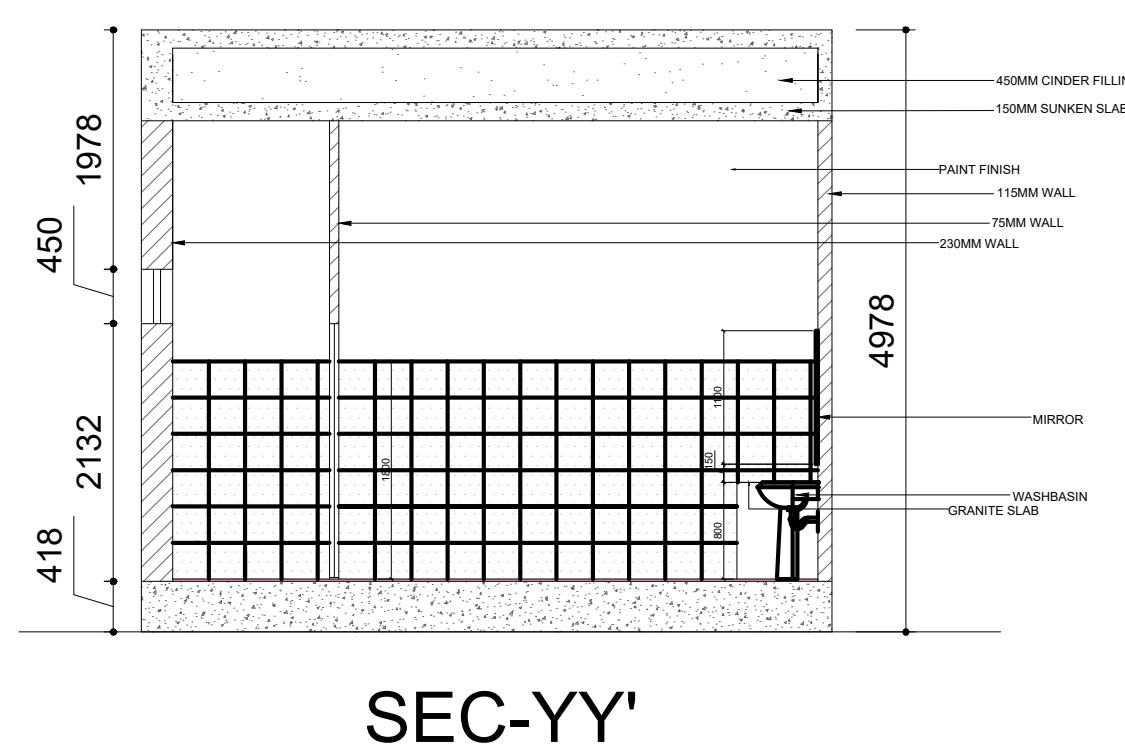
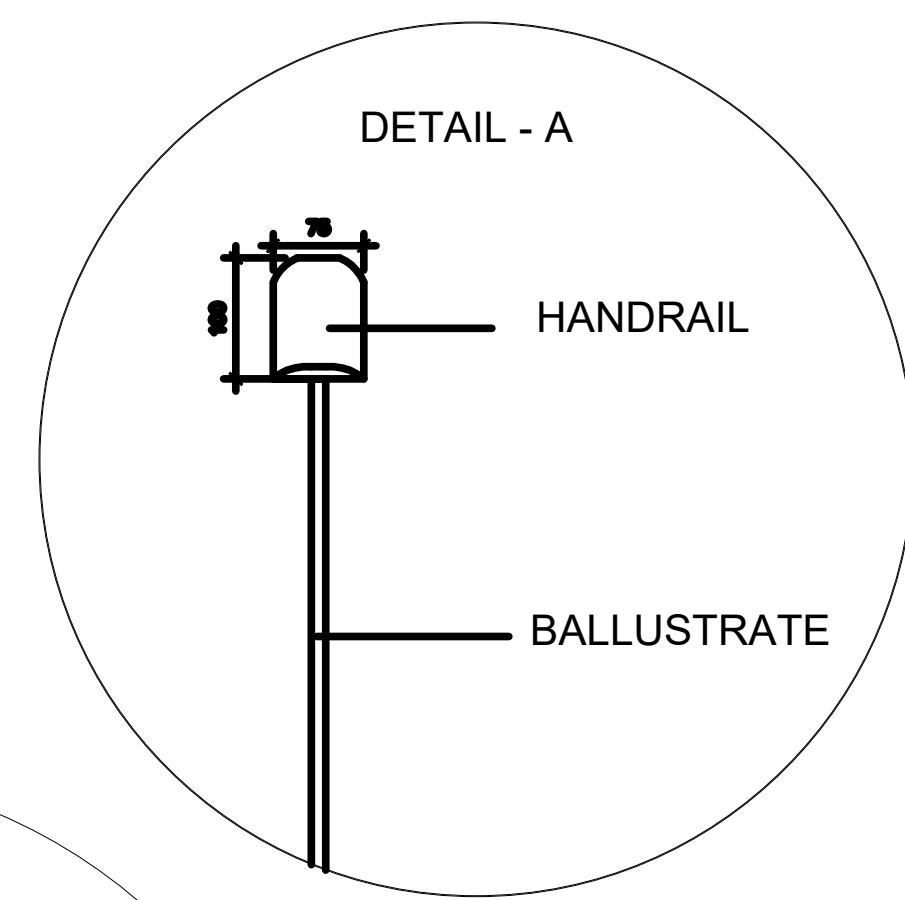
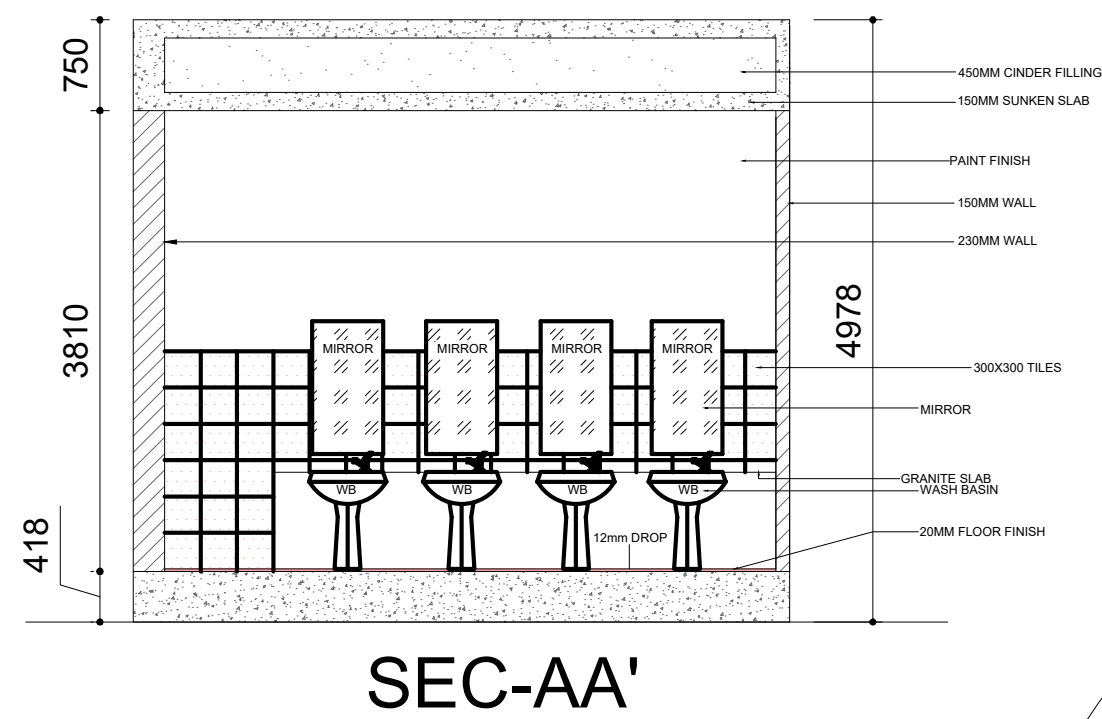
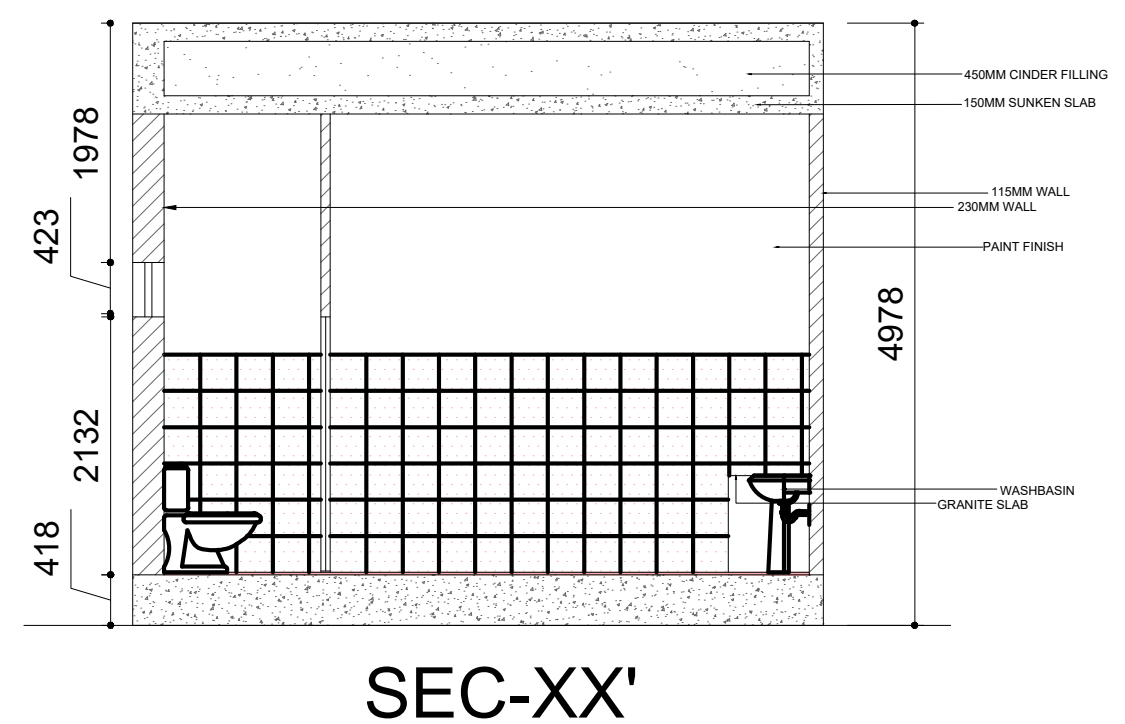
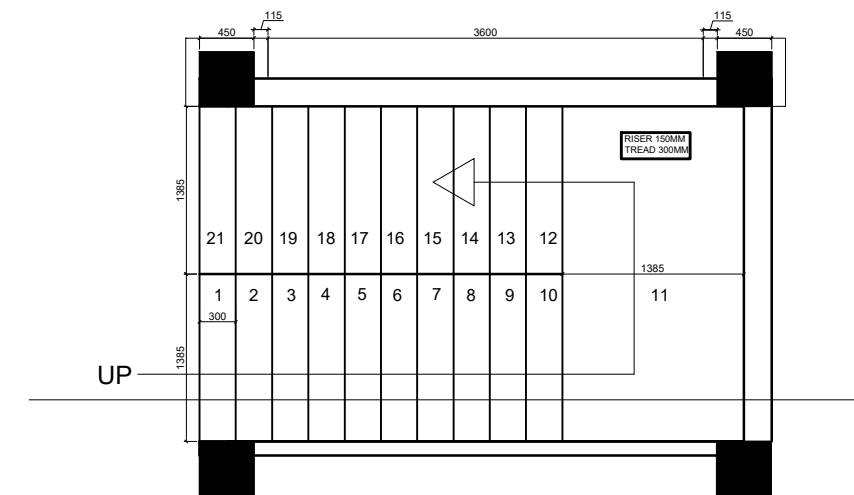
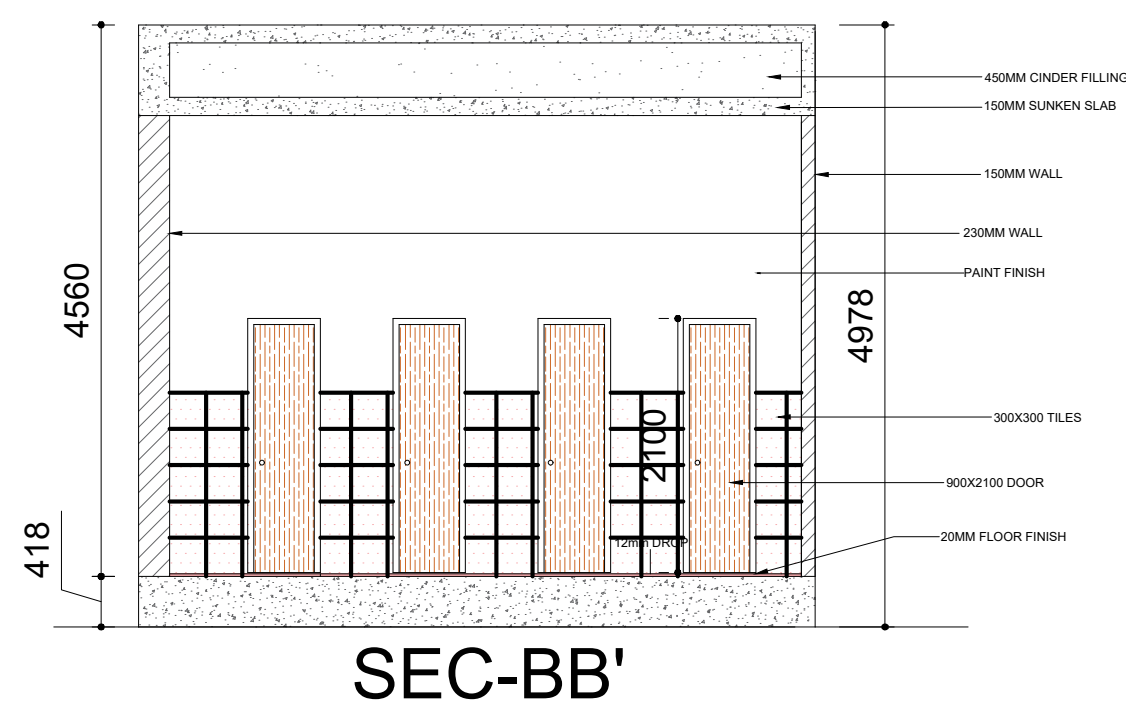
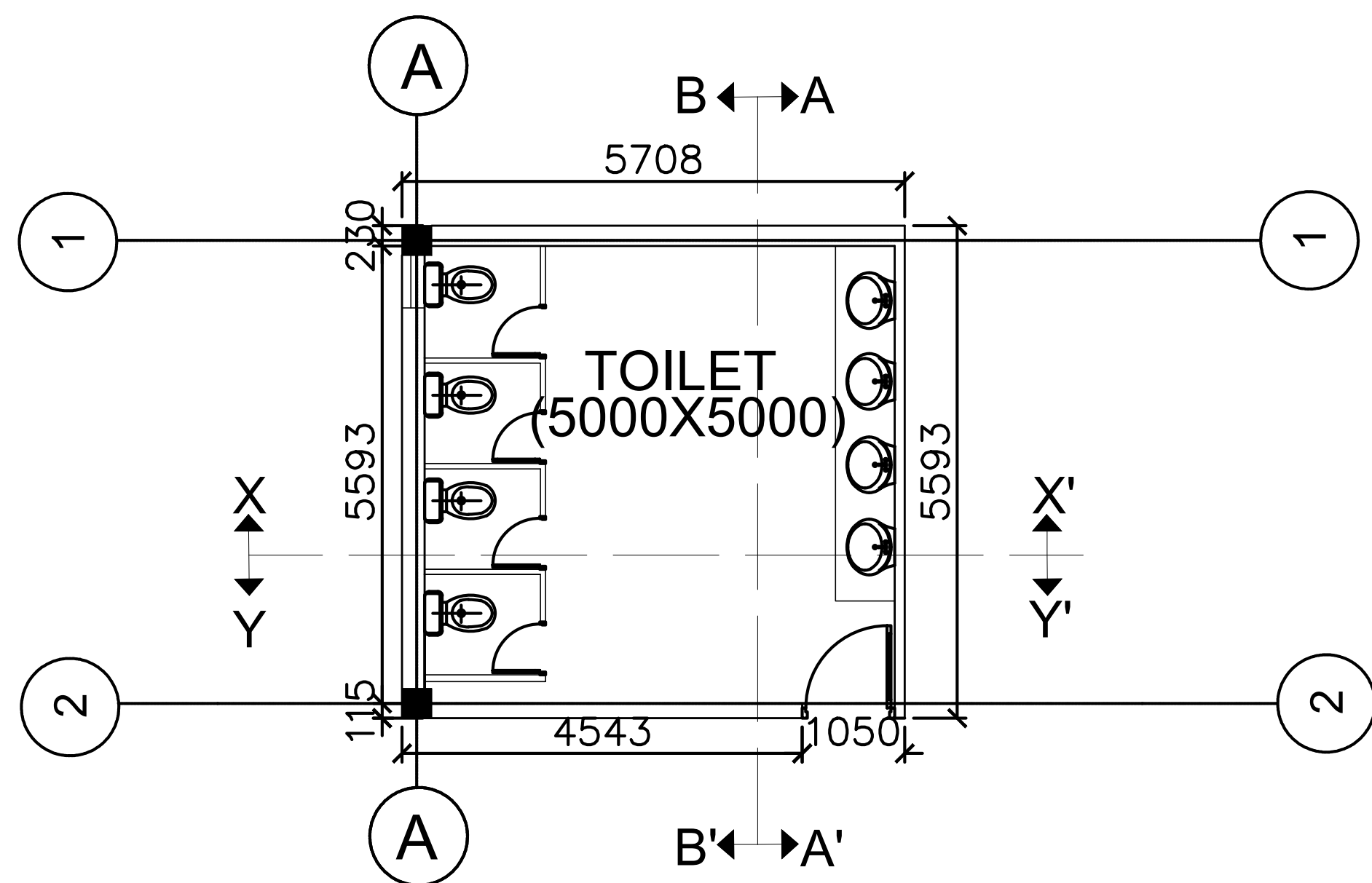


KEY PLAN

DATE OF SUBMISSION :-
16/05/2020

GUIDE NAME
GUIDE- PROF. KESHAV KUMAR

THESIS CO-ORDINATOR-
AR. URVASHI TIWARI
AR. SHAILESH YADAV



SHEET
NO-2

SUBJECT
ARCHITECTURAL THESIS

ASSIGNMENT
**CENTRE FOR WOMEN SUSTENANCE AND
EMPOWERMENT, DWARKA SEC-11 NEW DELHI**

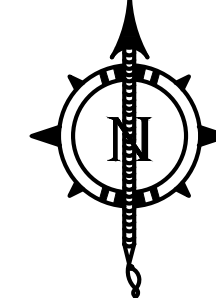
AR- 1001

ELECTIVE-1 (TOILET AND STAIRCASE DETAILS) TYPICAL

SUBMITTED BY
URVASHI SINGH

STUDIO **ARCHITECTURAL
DESIGN** YEAR **5th YEAR** SECTION **AR 5-1**

NORTH



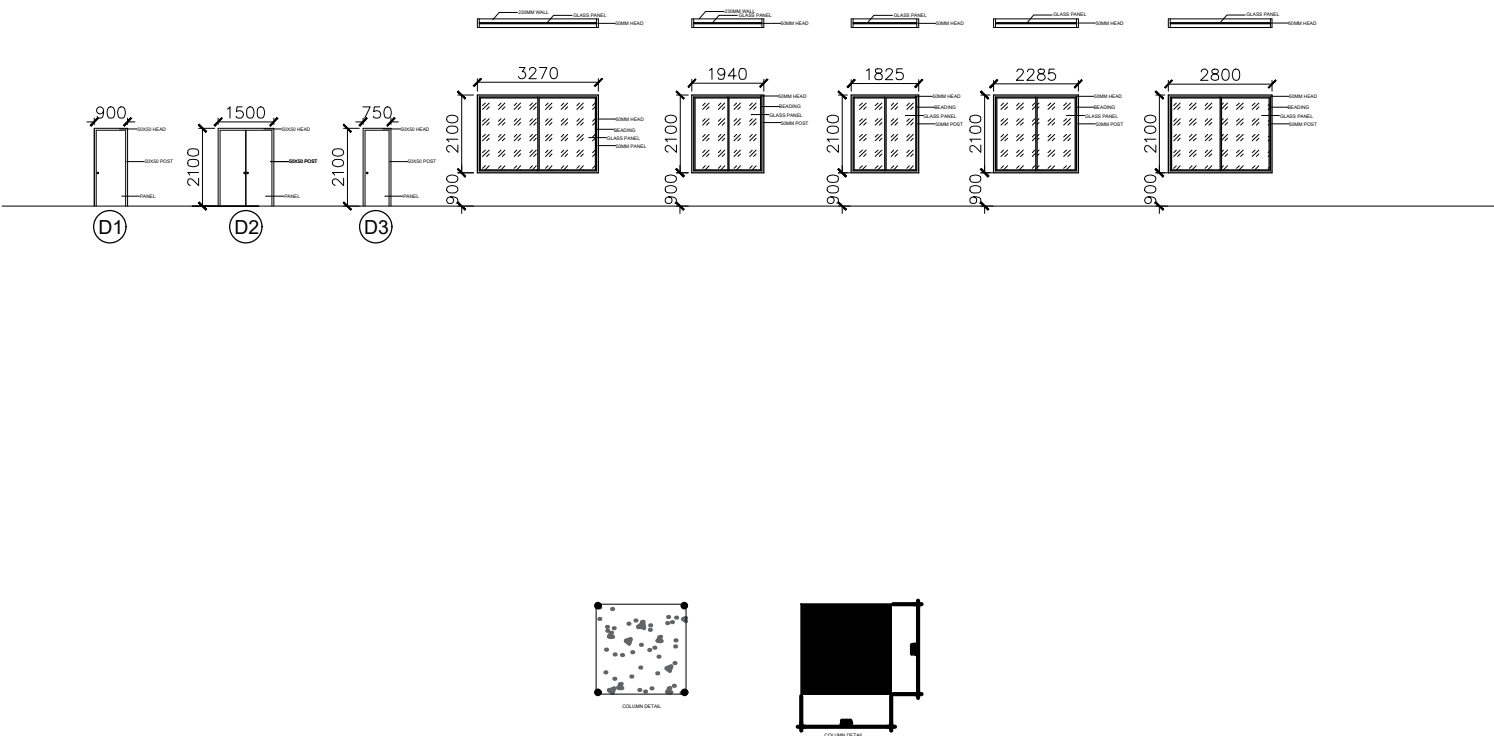
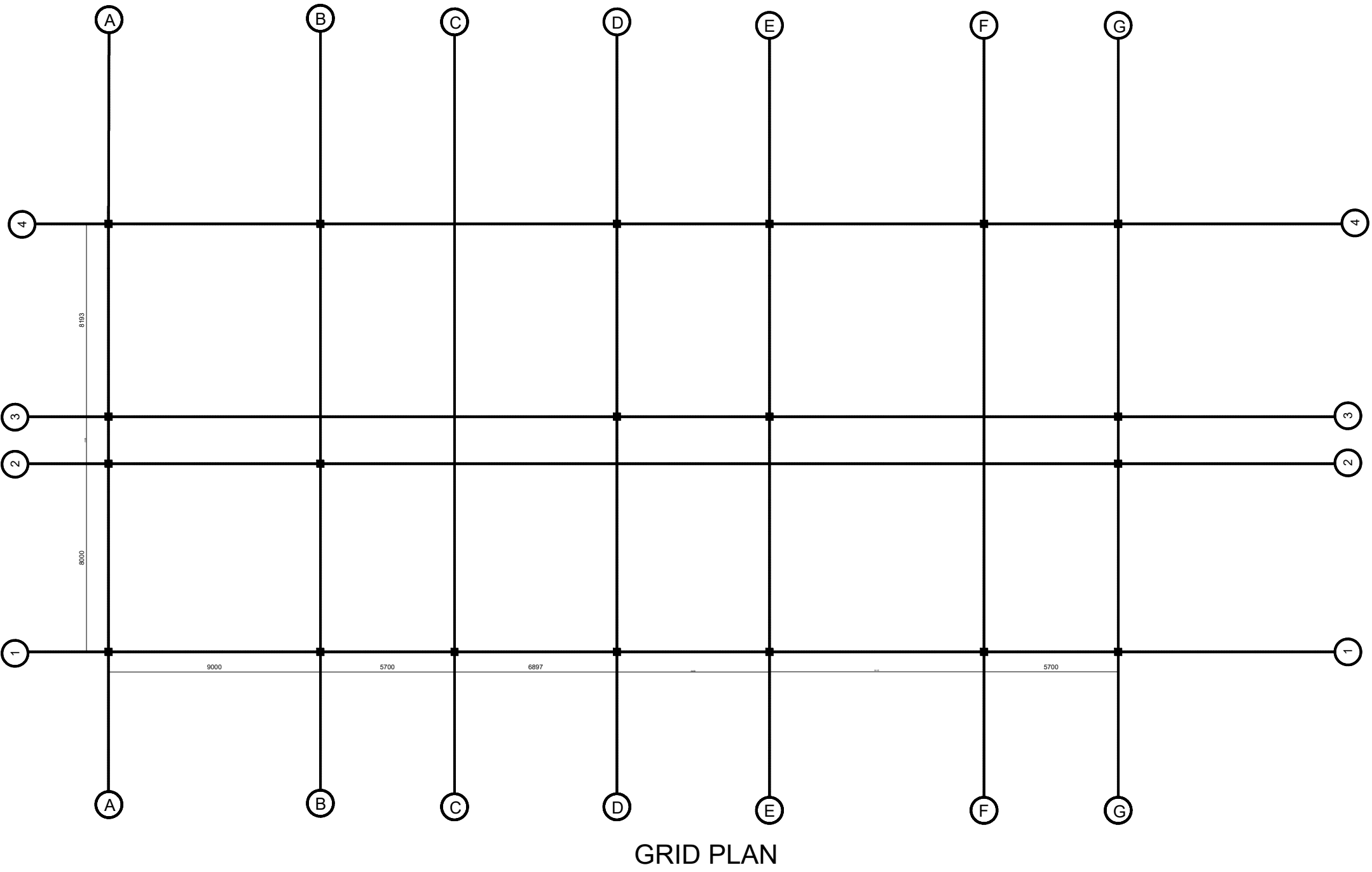
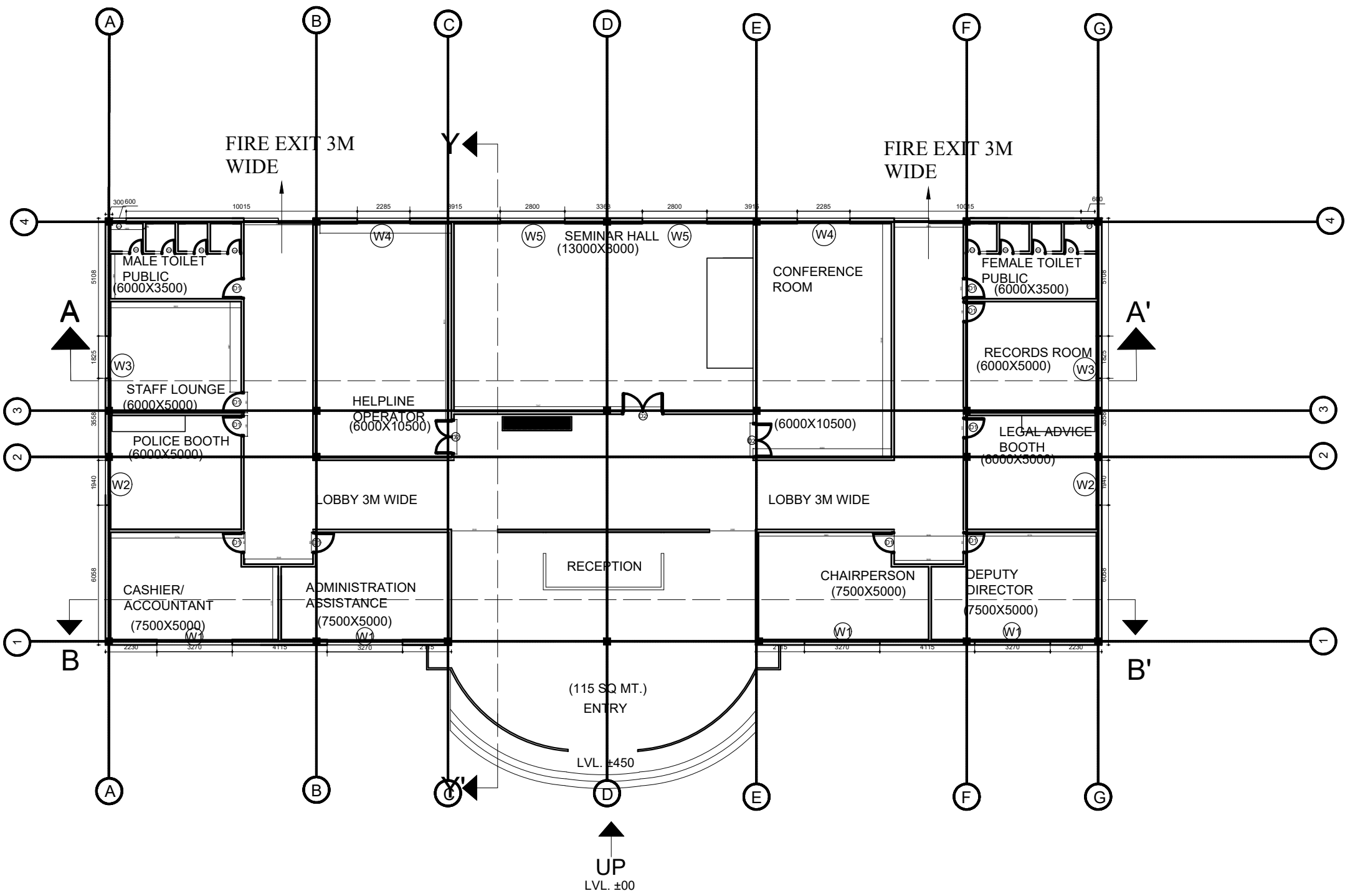
KEY PLAN

DATE OF SUBMISSION :-
16/05/2020

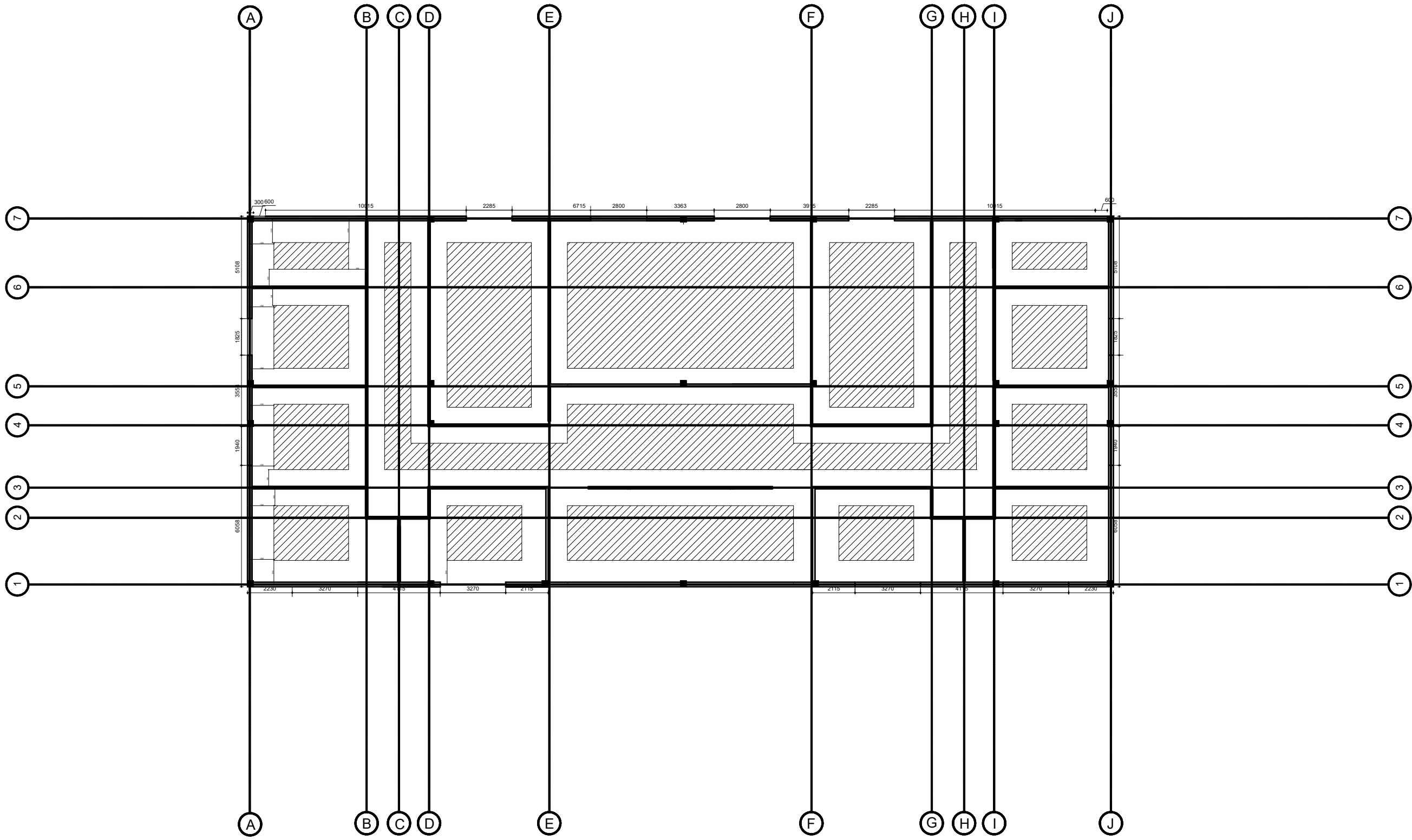
GUIDE NAME
GUIDE- PROF. KESHAV KUMAR

THESIS CO-ORDINATOR-
AR. URVASHI TIWARI
AR. SHAILESH YADAV

ADMINISTRATION BLOCK



DOOR/WINDOW SCHEDULE						
S. No.	Name	Breadth	Height	Lintel	Sill	QUANTITY
1.	D1	900	2100	2100	00	10
2.	D2	1500	2100	2100	00	03
3.	D3	750	2100	2100	00	08
4.	W1	3270	3000	3000	900	04
5.	W2	1940	3000		900	02
6.	W3	1825	3000		900	02
7.	W4	2285	3000		900	02
8.	W5	2800	3000			02
9.	V	600	450			02



ADMINISTRATION BLOCK



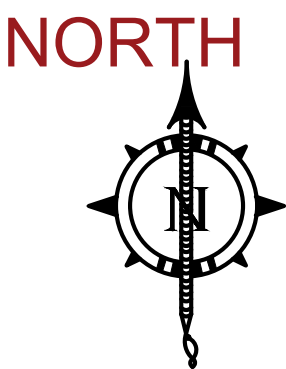
SUBJECT **ARCHITECTURAL THESIS** **AR- 1001**

ASSIGNMENT **CENTRE FOR WOMEN SUSTENANCE AND EMPOWERMENT, DWARKA SEC-11 NEW DELHI**

ELECTIVE-1 (WORKING)

SUBMITTED BY **URVASHI SINGH**

STUDIO **ARCHITECTURAL DESIGN** YEAR **5th YEAR** SECTION **AR 5-1**



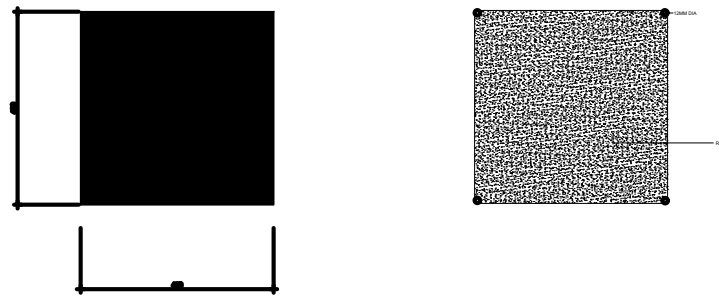
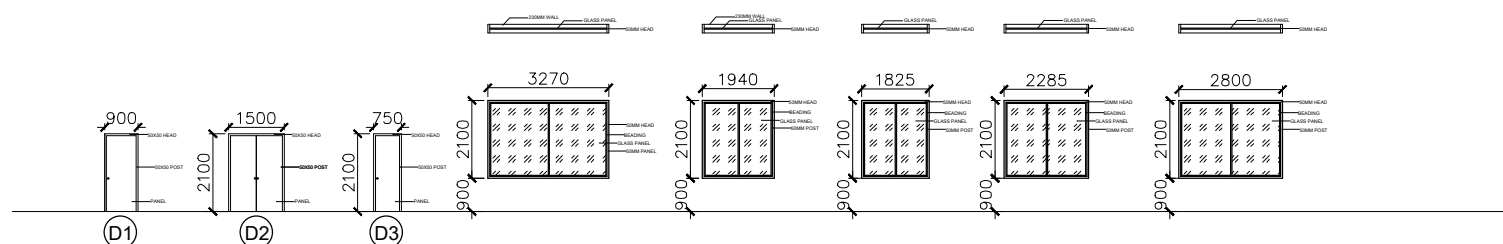
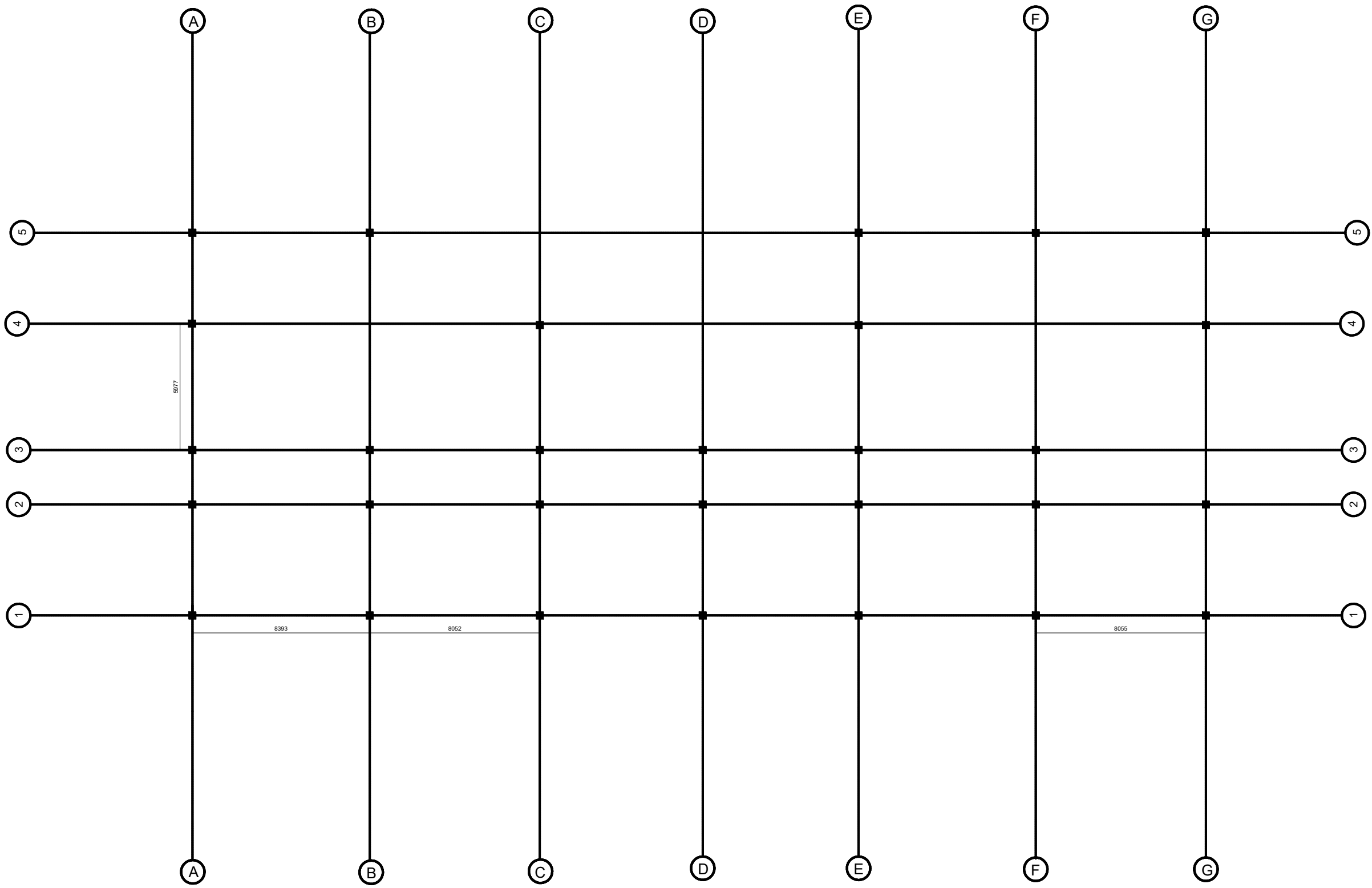
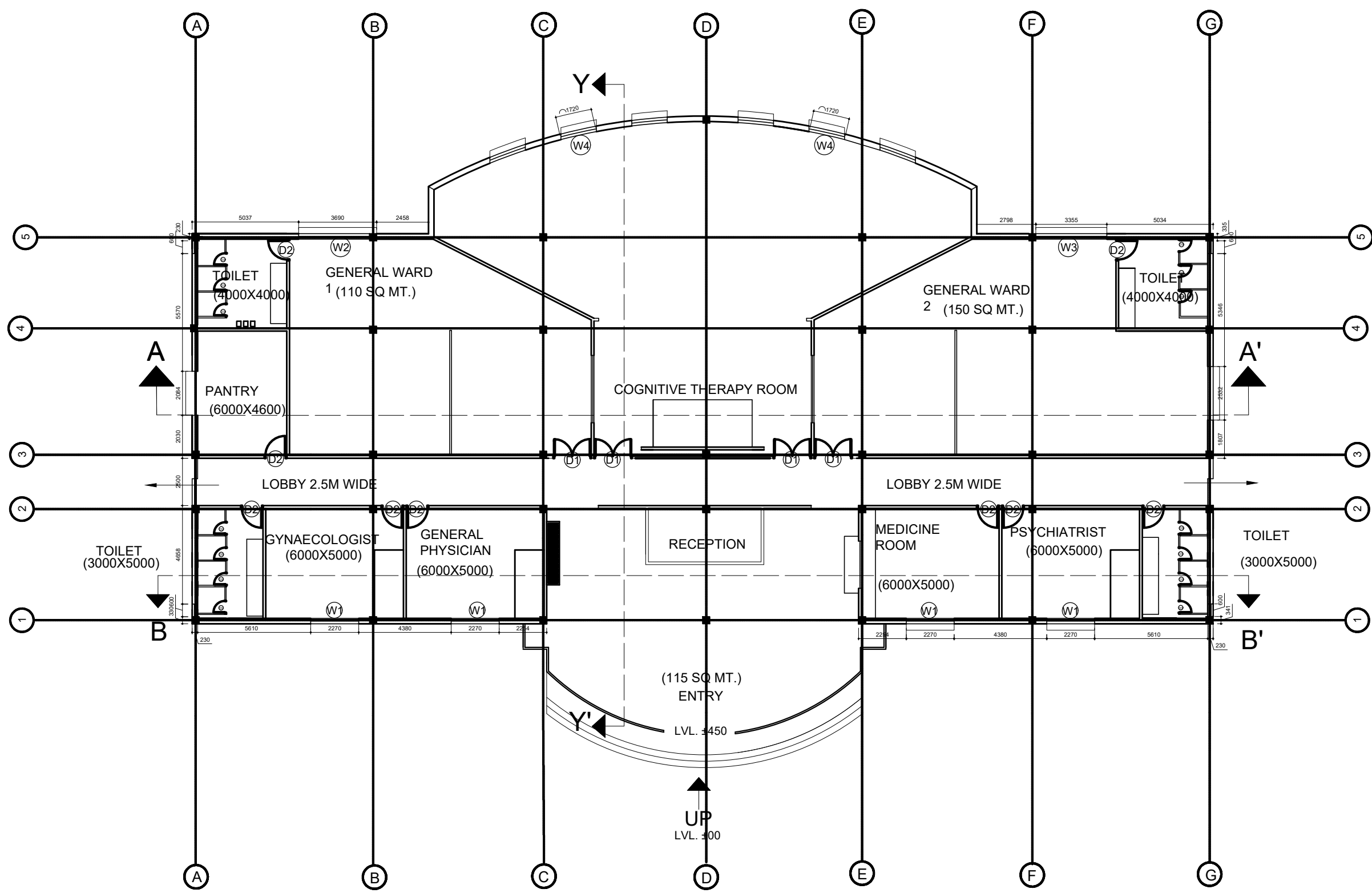
KEY PLAN

DATE OF SUBMISSION :-
16/05/2020

GUIDE NAME
GUIDE- PROF. KESHAV KUMAR

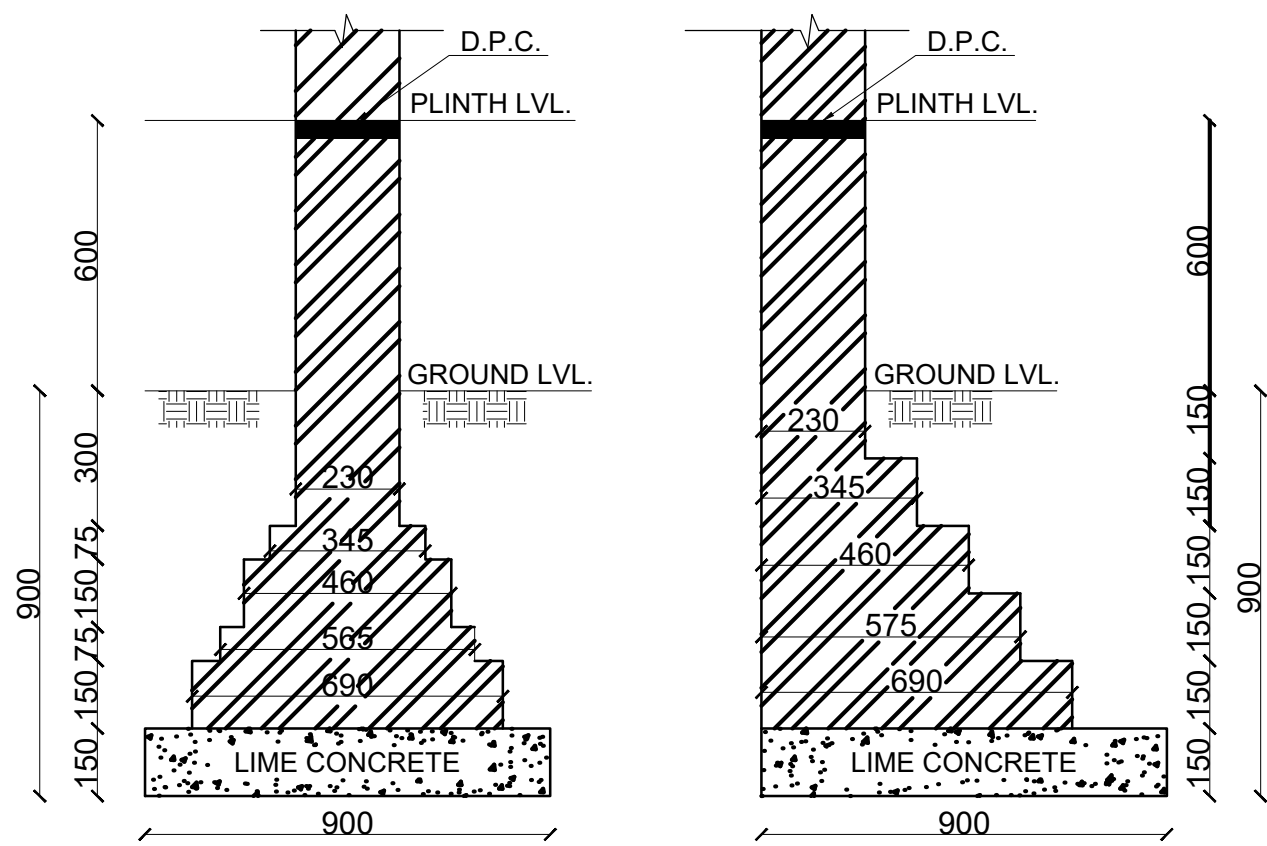
THESIS CO-ORDINATOR-
AR. URVASHI TIWARI
AR. SHAILESH YADAV

IN PATIENT DEPT.



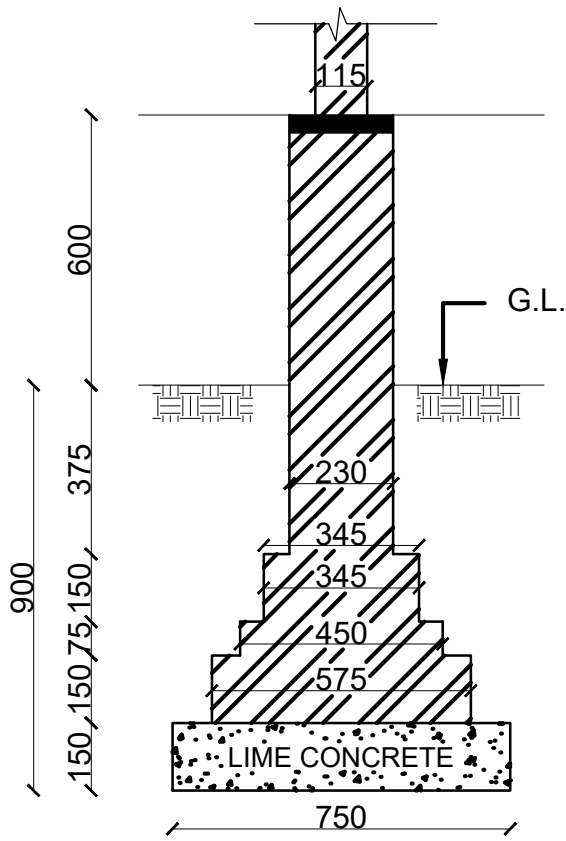
COLUMN DETAILS

DOOR/WINDOW SCHEDULE						
S. No.	Name	Breadth	Height	Lintel	Sill	QUANTITY
1.	D1	900	2100	2100	00	10
2.	D2	1500	2100	2100	00	03
3.	D3	750	2100	2100	00	08
4.	W1	3270	3000	3000	900	04
5.	W2	1940	3000		900	02
6.	W3	1825	3000		900	02
7.	W4	2285	3000		900	02
8.	W5	2800	3000			02
9.	V	600	450			02



FOUNDATION DETAILS FOR 230 TH.

(SCALE-1:25)



FOUNDATION DETAILS FOR 115 TH. BRICK WALLS

(SCALE-1:25)



SUBJECT

ARCHITECTURAL THESIS

AR- 1001

ASSIGNMENT

CENTRE FOR WOMEN SUSTENANCE AND EMPOWERMENT, DWARKA SEC-11 NEW DELHI

ELECTIVE-1 (WORKING)

SUBMITTED BY

URVASHI SINGH

STUDIO

ARCHITECTURAL DESIGN

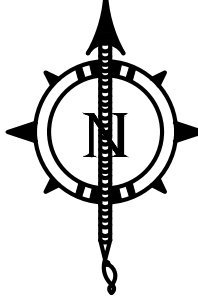
YEAR

5th YEAR

SECTION

AR 5-1

NORTH



KEY PLAN

DATE OF SUBMISSION :-

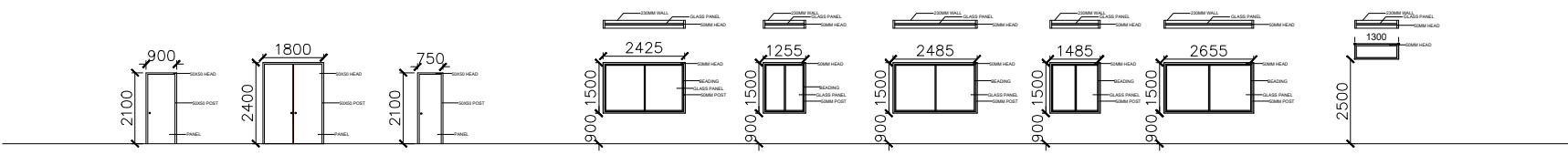
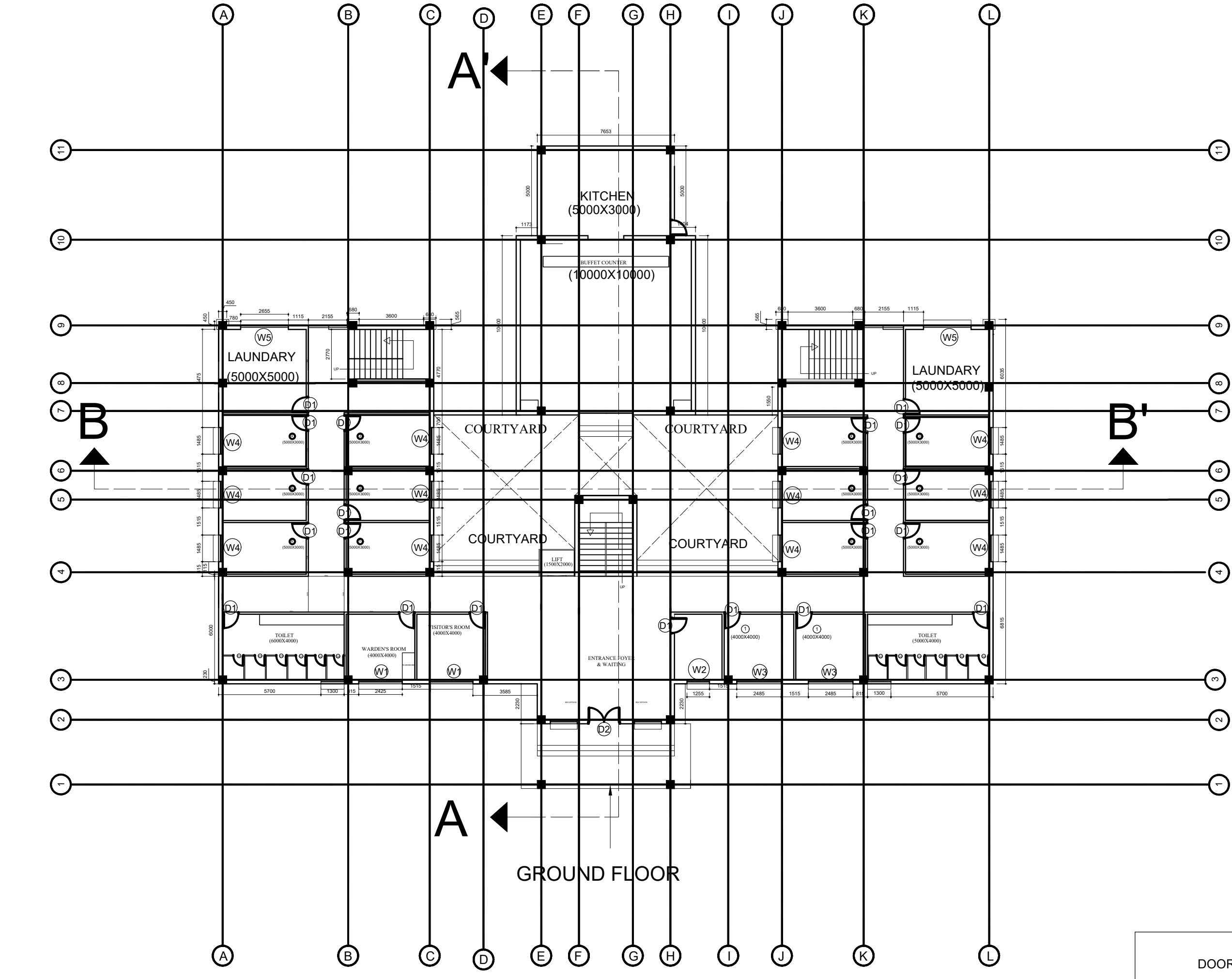
16/05/2020

GUIDE NAME

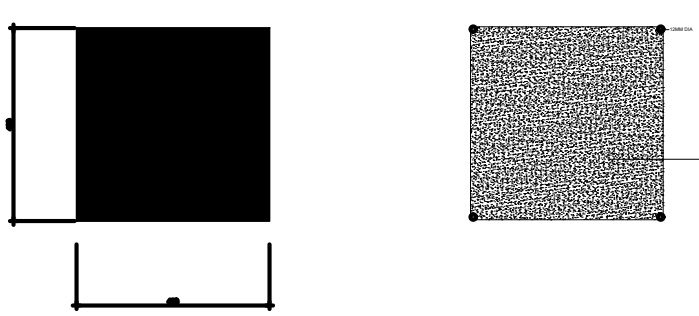
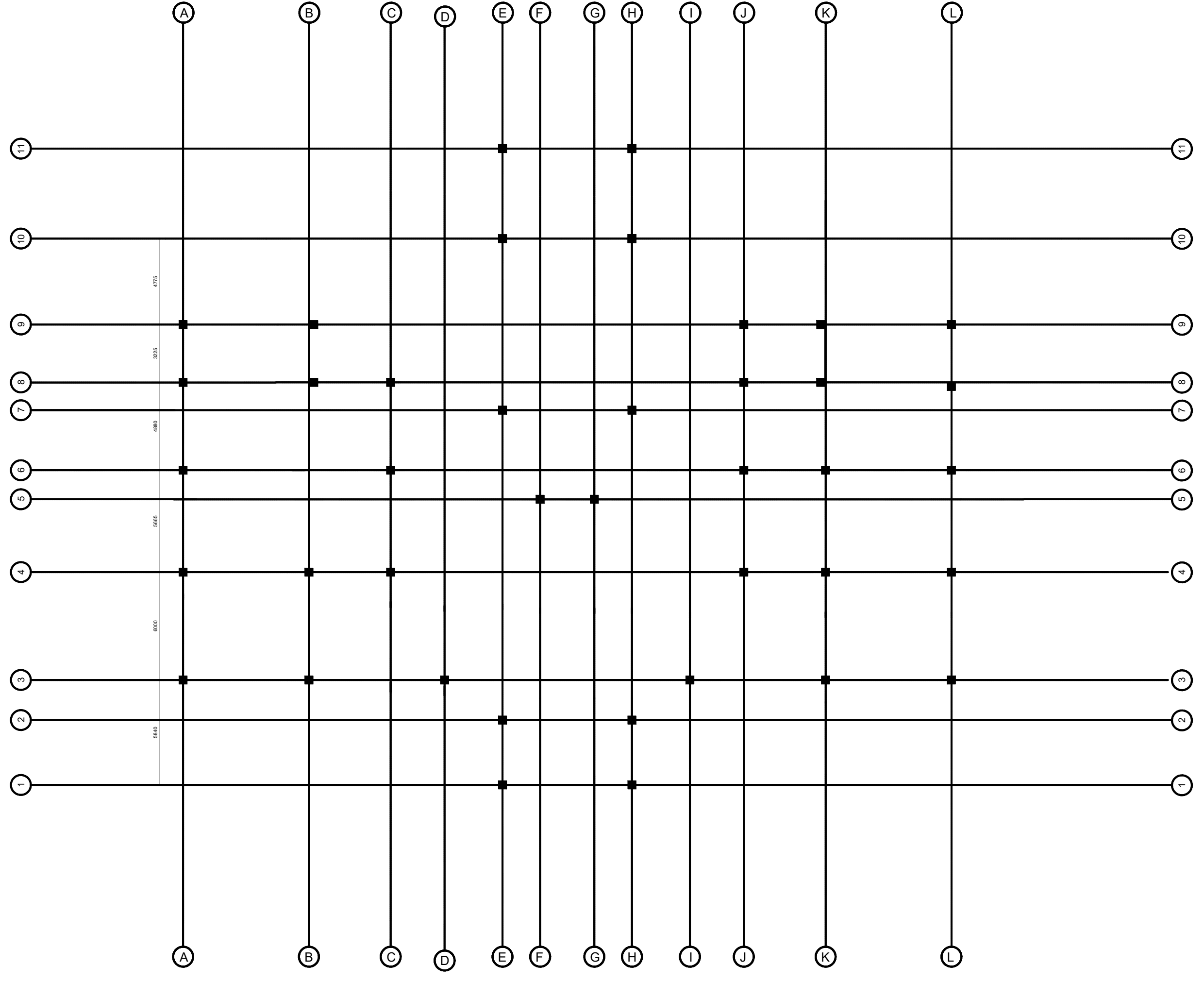
GUIDE- PROF. KESHAV KUMAR

THESIS CO-ORDINATOR-

AR. URVASHI TIWARI
AR. SHAILESH YADAV



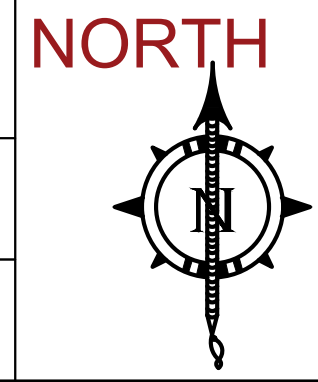
DOOR/WINDOW SCHEDULE						
S. No.	Name	Breadth	Height	Lintel	Sill	QUANTITY
1.	D1	900	2100	2100	00	85
2.	D2	1800	2400	2100	00	01
3.	D3	750	2100	2100	00	48
4.	W1	2425	2400	2400	900	02
5.	W2	1255	2400		900	01
6.	W3	2485	2400		900	02
7.	W4	1485	2400		900	48
8.	W5	2655	2400		900	08
8.	V	1300	450		2500	08



COLUMN DETAILS

SHEET
NO-4

SUBJECT	ARCHITECTURAL THESIS	AR- 1001	ELECTIVE-1 (WORKING)				NORTH 		KEY PLAN		DATE OF SUBMISSION :- 16/05/2020	
ASSIGNMENT CENTRE FOR WOMEN SUSTENANCE AND EMPOWERMENT, DWARKA SEC-11 NEW DELHI											SUBMITTED BY URVASHI SINGH	
			STUDIO ARCHITECTURAL DESIGN		YEAR 5th YEAR	SECTION AR 5-1						



KEY PLAN

FLOORING PATTERN DETAILS

•**IPS flooring** stands for Indian patent stone **flooring**, it is a basic type of **flooring** which provides good wearing properties. It is generally used for all types of **floors** and mix of concrete used for **IPS flooring** specification is 1:1.5:3 (cement, sand and stone aggregates).

•As per the nature of use the flooring thickness of concrete is decided from 25 mm to 50 mm. It is laid over the concrete base (1:4:8), which is almost 3 to 4 inches thick plain cement concrete (PCC) base. You can decide the thickness of the IPS flooring as per the requirement of work; in residential floor 75 mm floor thickness is sufficient whereas industrial floor thickness should be kept 150 mm.




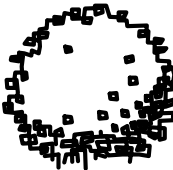
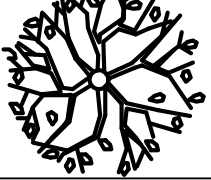
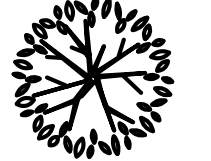


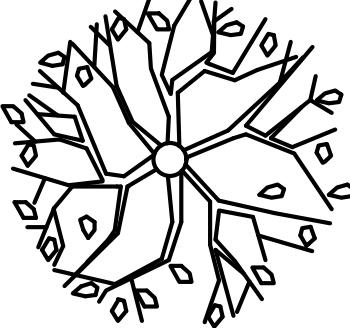

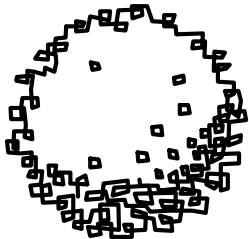

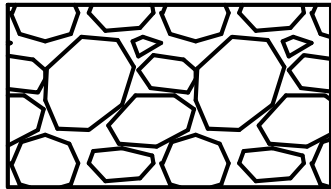
Indian Patent Stone is one of the types of flooring, very commonly used in India. It is less economical, easy to apply and can be used for all types floors.





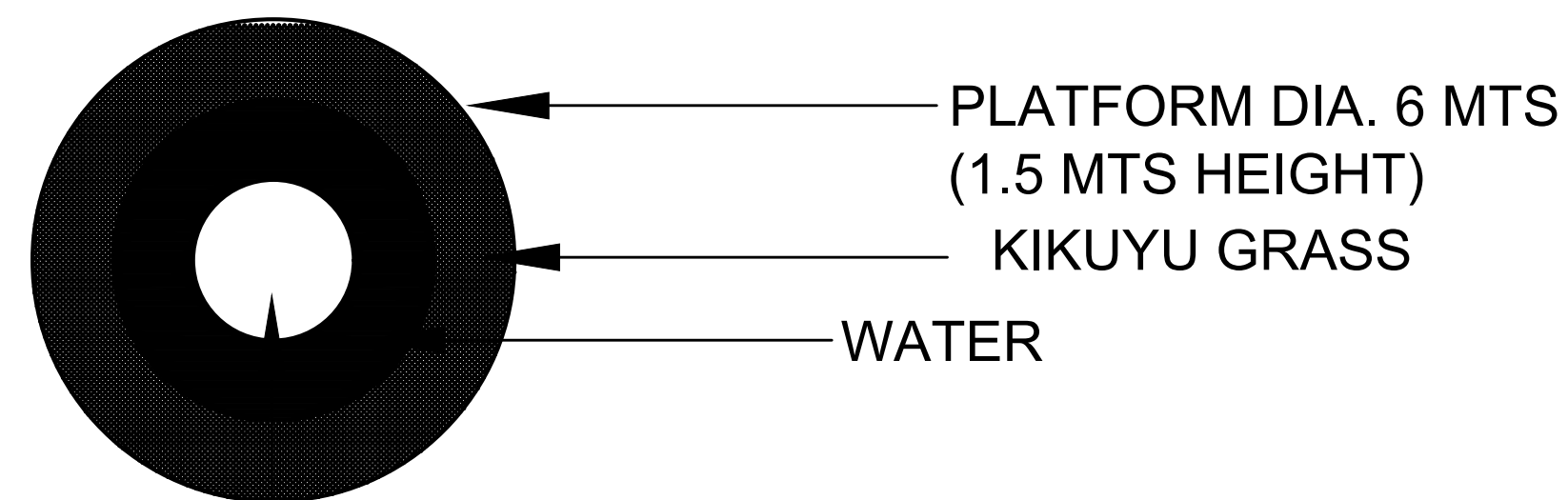
Advantages of Concrete Flooring

- Durability
- A properly constructed **floor** will outlast most of the other components of the building.
- Stiffness.
- Energy Efficiency. ...
- Speed of Construction.
- Damp Resistance. ...
- Cost of Maintenance. ...
- Fire Resistance.

LANDSCAPING DETAILS

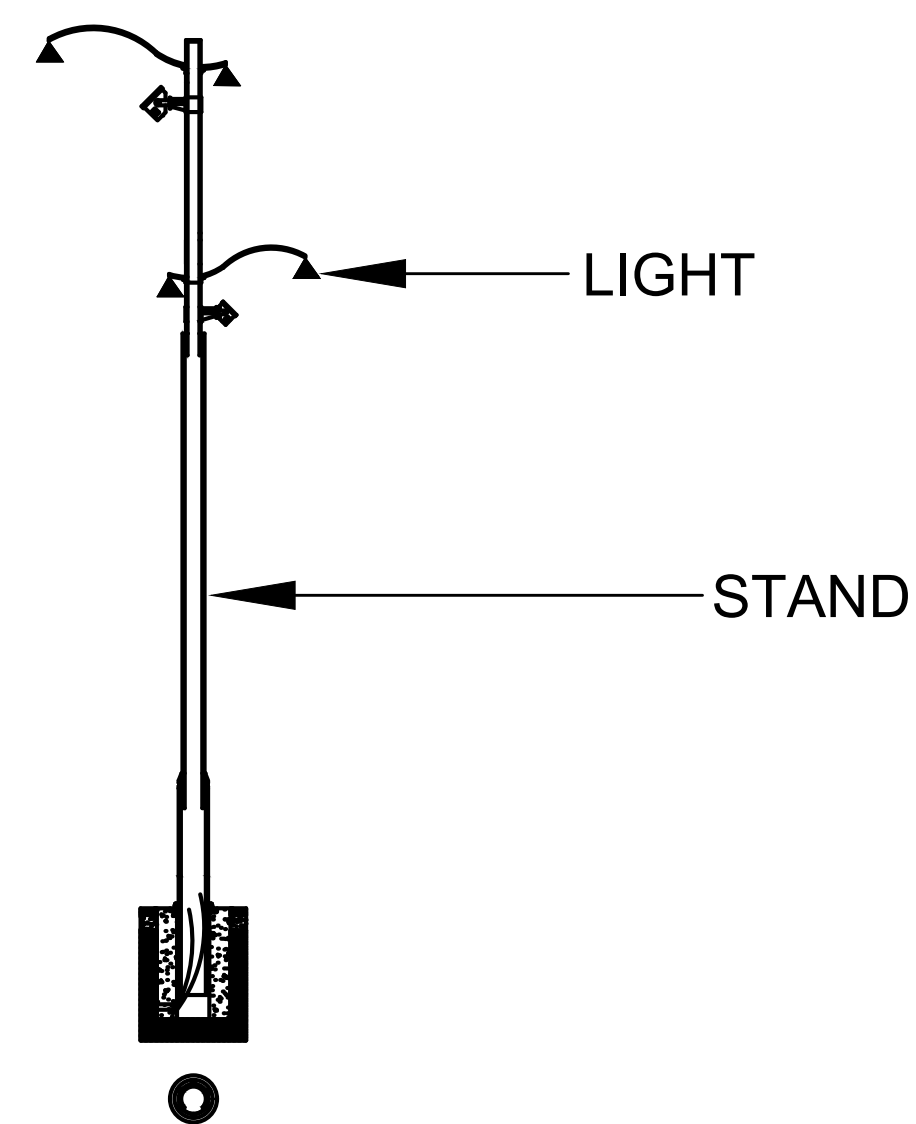
TREES SCHEDULE					
S.NO	TREE PLAN	BOTANICAL NAME	COMMON NAME	HEIGHT	QUALITY
1-		TARGETES	MARIEGOLD	6 INCHES TO 2 FEET TALL THEY ARE OFTEN WIDER THEN THEY ARE TALL.	ELEGANT AND EYECATCHING.
2-		(ROSA SINENSIS)	HIBISCUS	HEIGHT: 2.5 MT TO .5 MT TALL, & 1.5 MT TO 3 MT WIDE.	COMES WITH GLOSSY LEAVES AND BRILLIANT RED FLOWERS
3-		LAVANDULA	LAVENDER	18-36 INCHES TALL AND WIDE.	IS A SMALL SHRUB, THE HEIGHT INCLUDE FLOWER STALKS. FAST GROWING PLANT, THAT REQUIRES FULL SUN.
4-		(GREEN MOUNTAIN)	BOXWOOD	5 FEET TALL 3 FEET WIDE	A VIGOROUS EVERGREEN SHRUB WITH BRIGHT GREEN FOLIAGE, THAT RETAINS GOOD COLOUR, NATURALLY CONE SHAPED HABIT. EXCELLENT CANDIDATE FOR TOPIARY.
5-		CASSIA FISTULA	GOLDEN SHOWER TREE	DIA. 2000 MM, HEIGHT (9-10 M) IRREGULAR CANOPY	IRREGULAR CANOPY ALSO KNOWN AS DIESEASE KILLER TREE, USED FOR MAKING ROTI AND SALAD, ALSO A RELAXING & EYE PLEASING TREE.
6-		CYTISUS SCOPARIOUS	SCOTCH BROOM	1-3 M TALL MICRO CLIMATE CHANGE	
7-		YEW (TAXUS)	YEW (TAXUS)	4 FEET TALL 6 FEET WIDE.	A GREAT SHRUB FOR BORDERS, PATHS, ENTRANCEWAYS
8-		(SARACA ASOCA)	ASHOKA TREE	10-15 MT TALL, 2MTS WIDE.	LOFTY EVERGREEN TREE NATIVE TO INDIA. EXISTING IN THE SITE.
9-		DELONIX REGIA	GULMOHAR	5 TO 12 MT TALL, SPREADS , WIDELY AND ITS DENSE FOLI -AGE PROVIDE FULL SHADE.	GROWN AS AN ORNAMENTAL TREE, PROVIDES SHADE WITH ITS CANOPY IT IS NOTED FOR FERN LIKE LEAVES.
10-		PLUMERIA ALBA	SAFED CHAMPA	6m	ELEGANT AND EYECATCHING.
11-		IVY (HEDERA HELIX)	IVY (HEDERA HELIX)	AERIAL ROOTLETS WHICH ALLOW THEM TO CLIMB HEIGHTS OF 50 FEET.	FORMED TOPIARY USED WITH WIRE STUFFED WITH SPHAGNUM MOSS.
<div><div></div><div>ROAD</div><div></div><div>GRAVEL PATHWAY WITH GREEN TO PENETRATE WATER TO THE GROUND</div></div>					

	SUBJECT		ARCHITECTURAL THESIS		AR- 1001		ELECTIVE- 1 LANDSCAPING ELEMENT						DATE OF SUBMISSION -		16/05/2020	
	ASSIGNMENT		CENTRE FOR WOMEN SUSTENANCE AND EMPOWERMENT, DWARKA SEC-11 NEW DELHI						NORTH				KEY PLAN		GUIDE NAME	
	SUBMITTED BY										URVASHI SINGH					
	STUDIO		ARCHITECTURAL DESIGN		YEAR		5th YEAR		SECTION		AR 5-1					

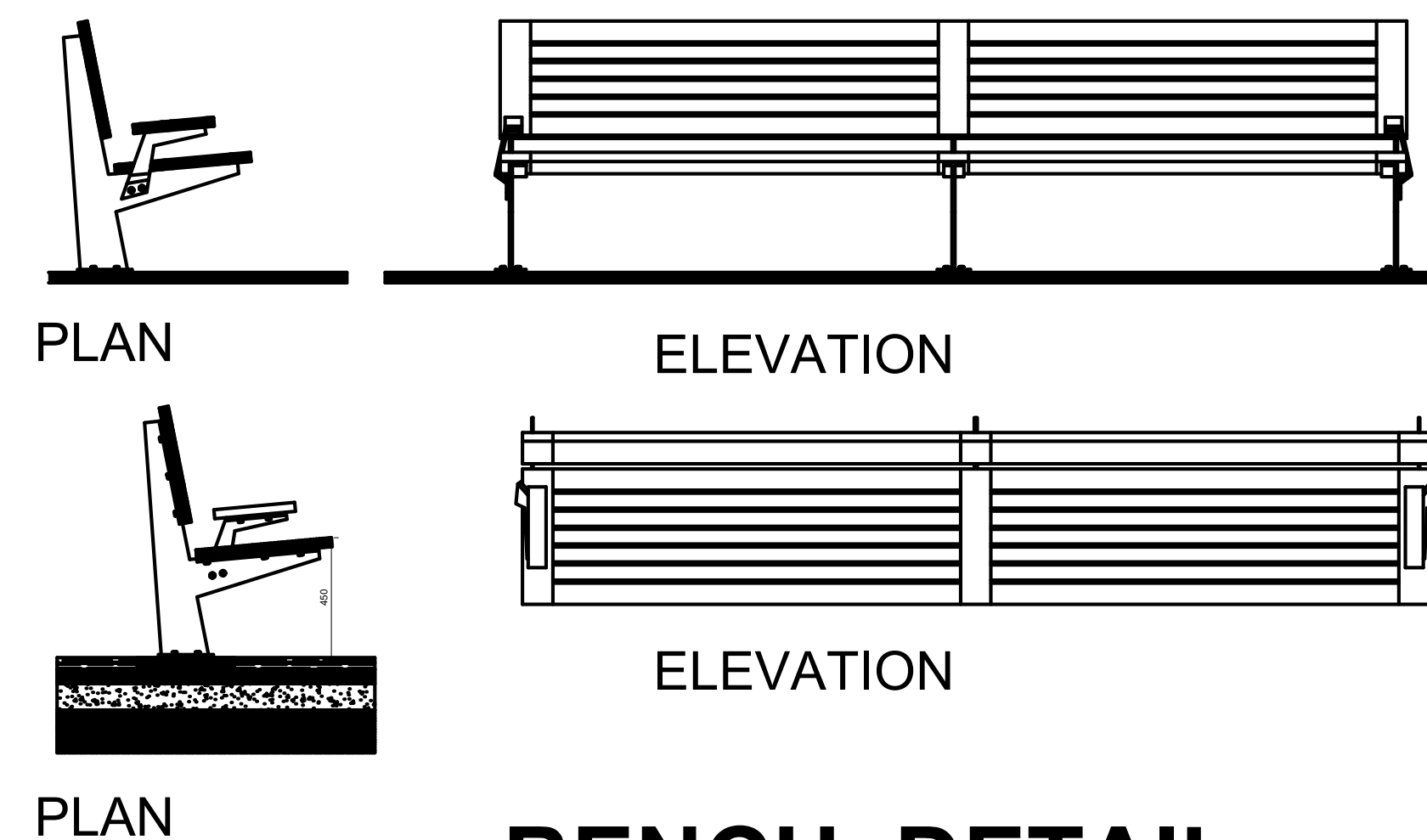


STATUE PLATFORM
STATUE: STATUE OF A FREE WOMAN
MATERIAL USED: METAL SCULPTING (BRONZE)

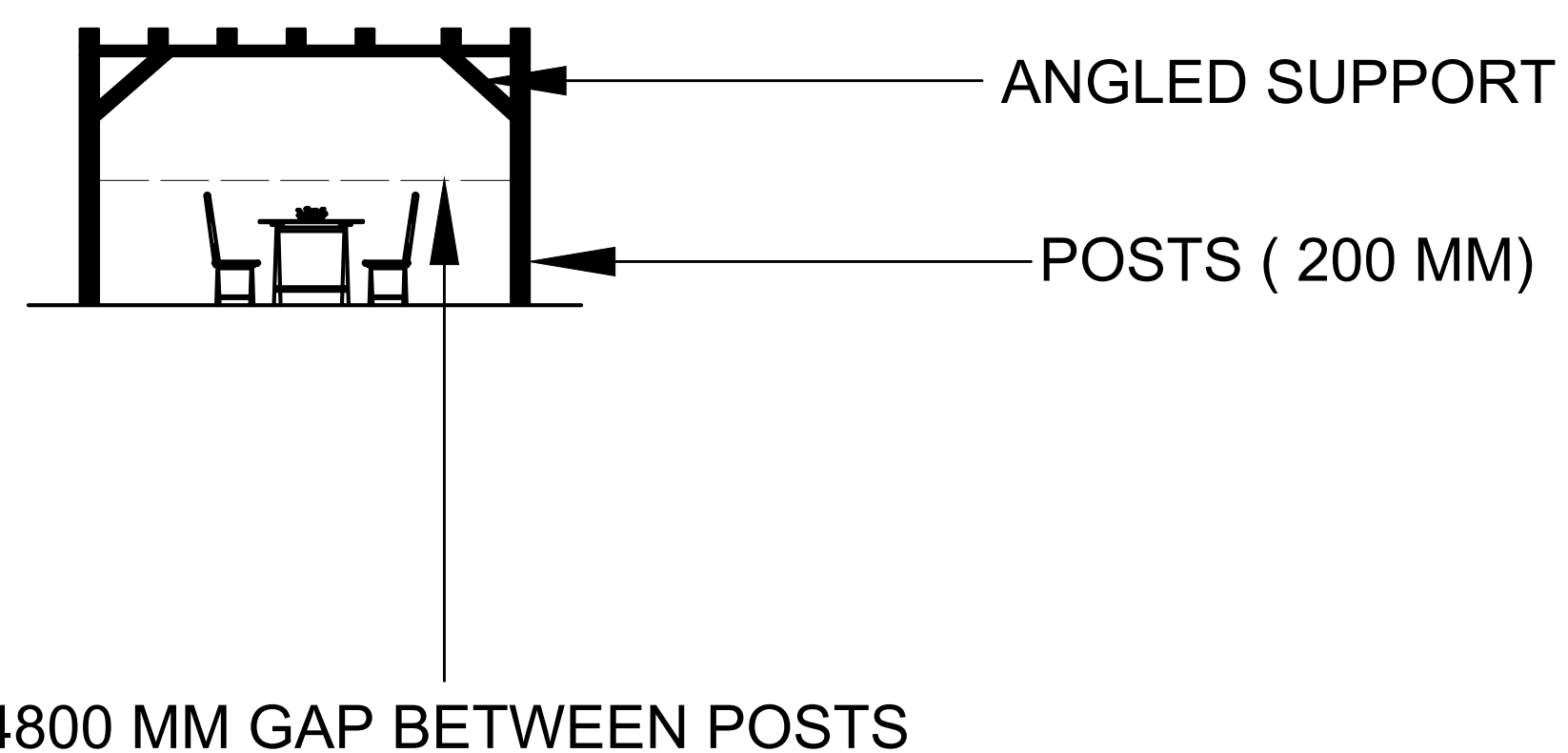
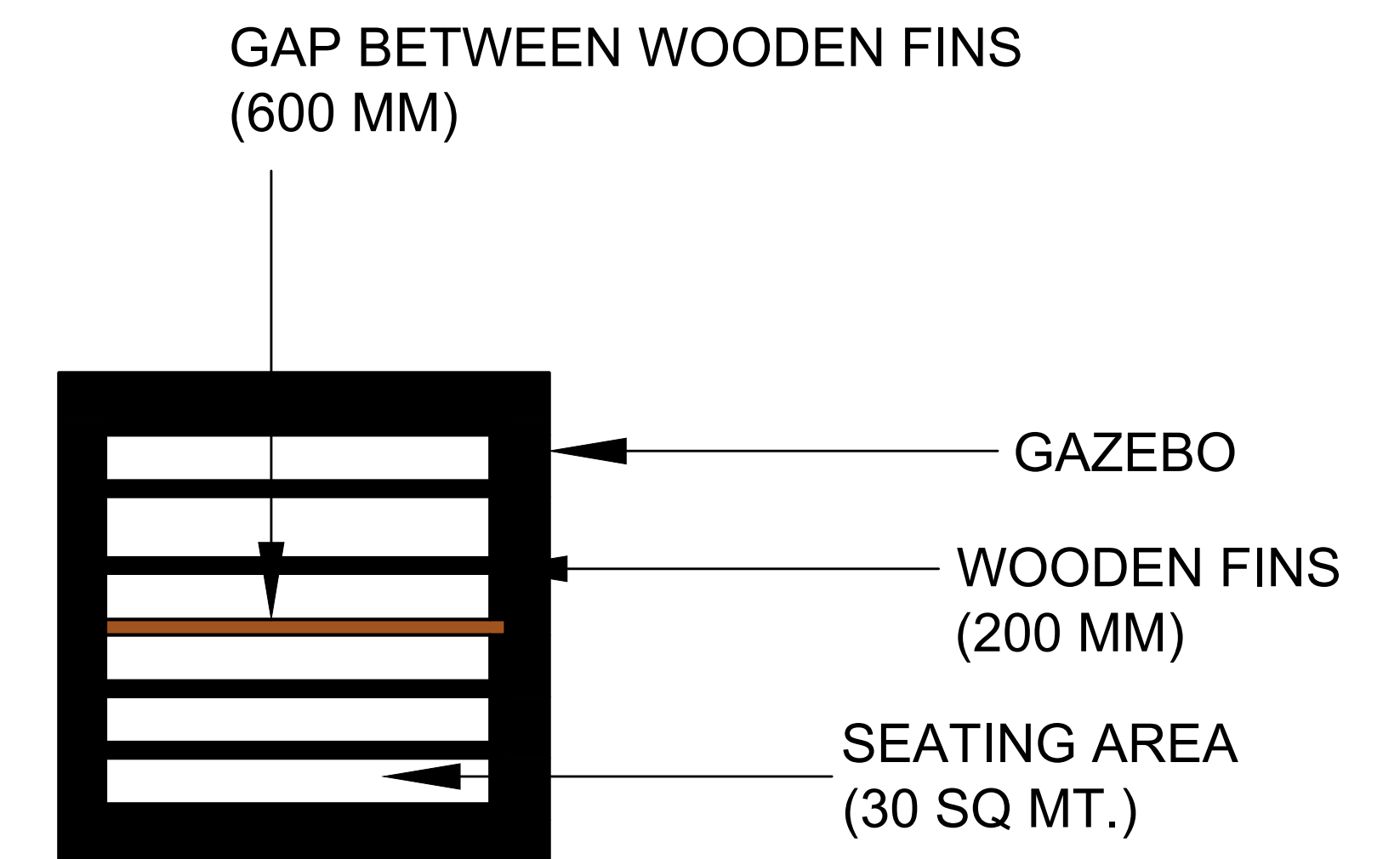
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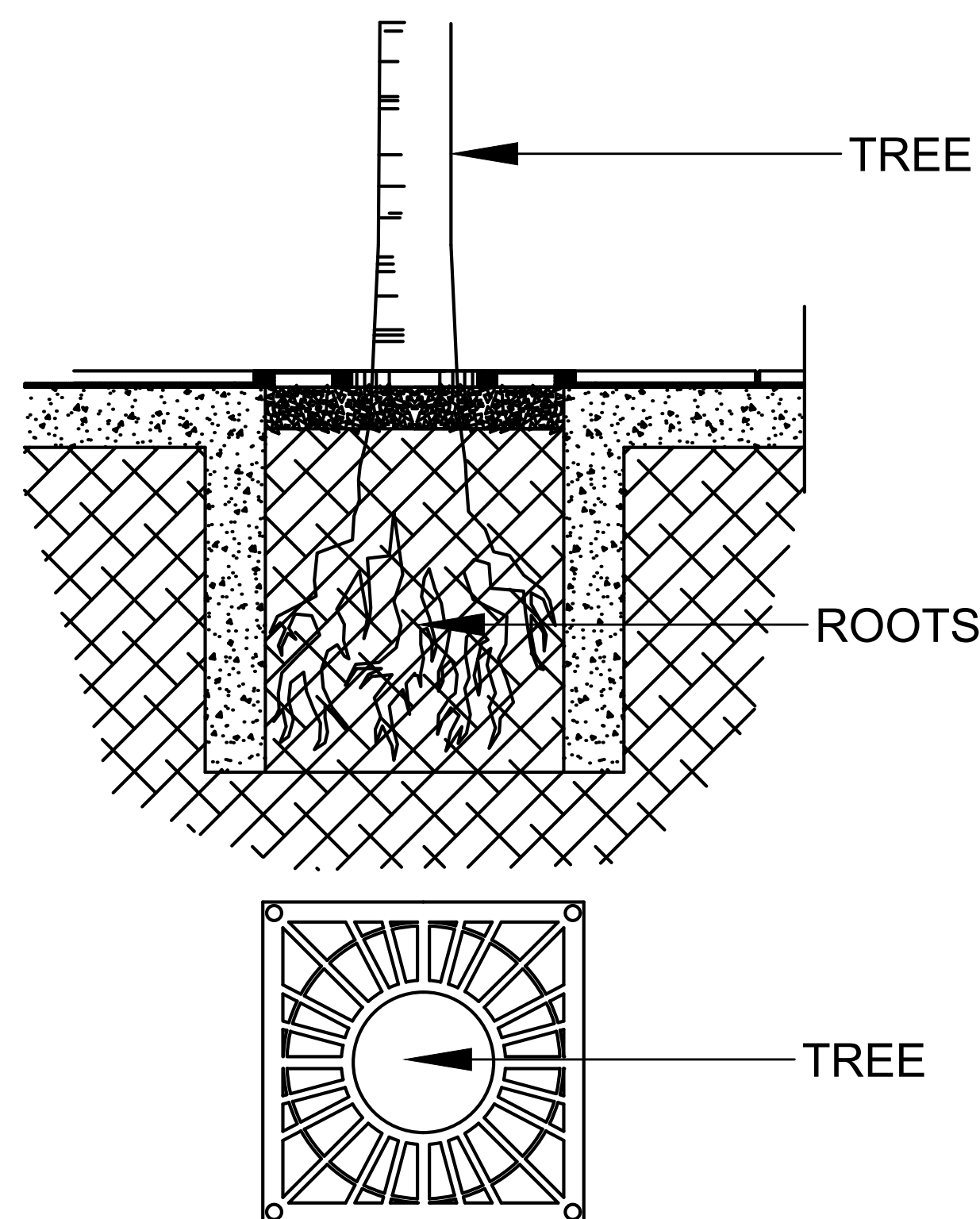
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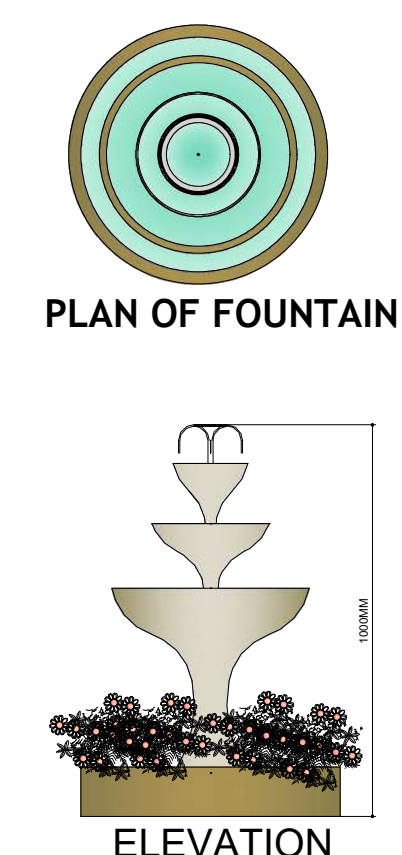
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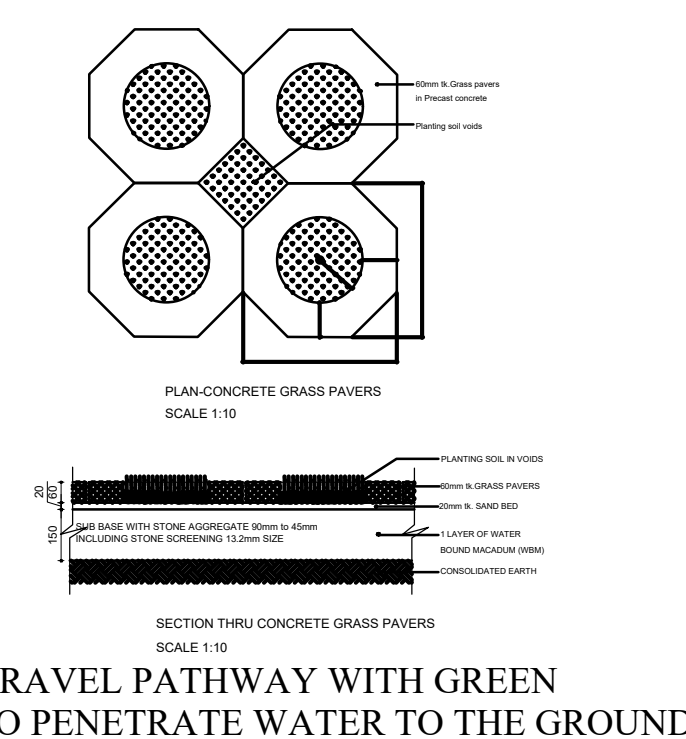
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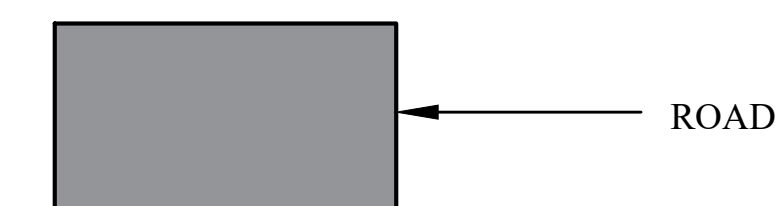
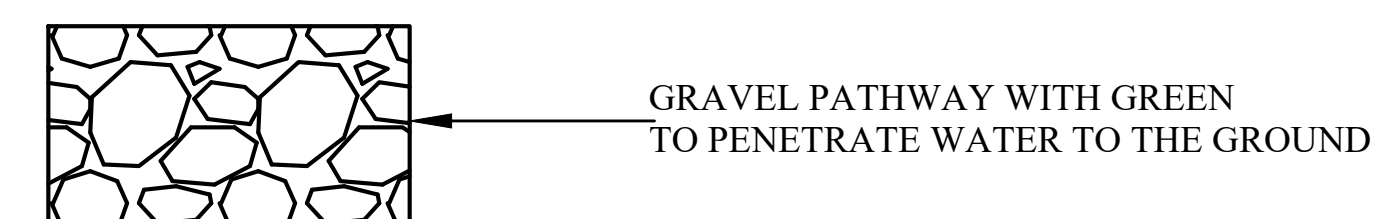
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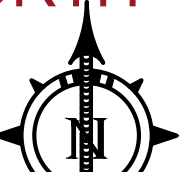


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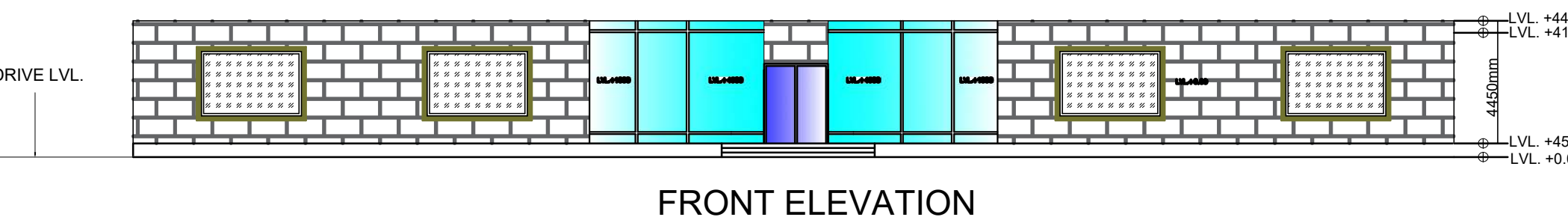
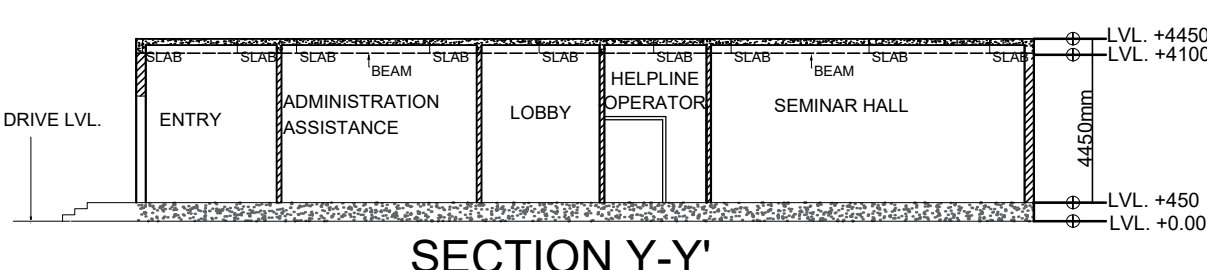
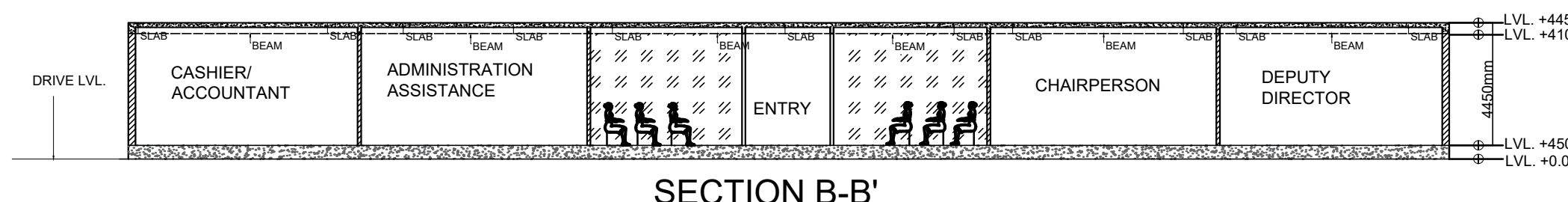
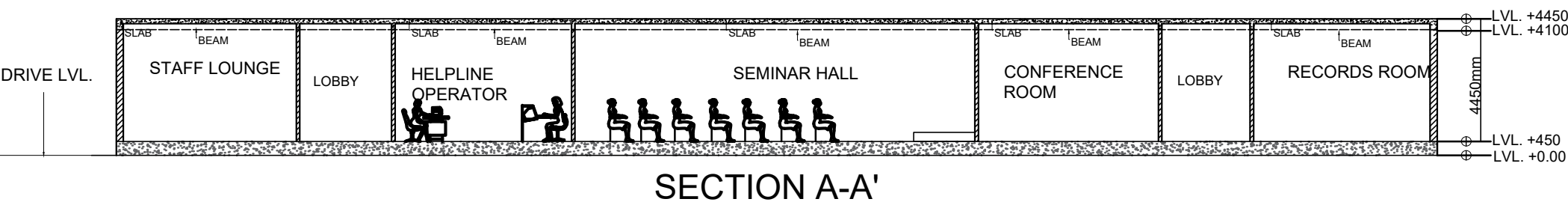
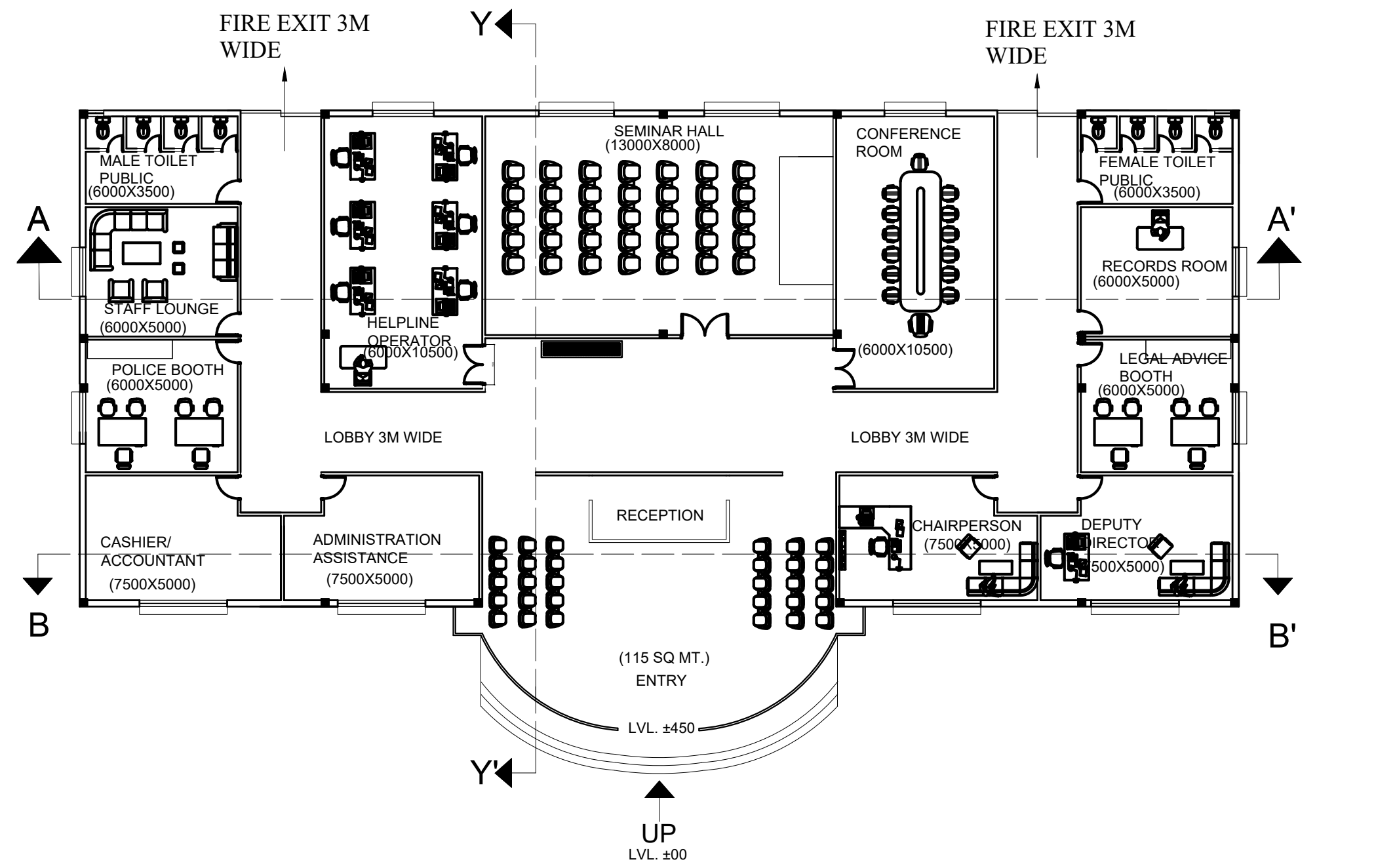


GRAVEL PATHWAY WITH GREEN
TO PENETRATE WATER TO THE GROUND

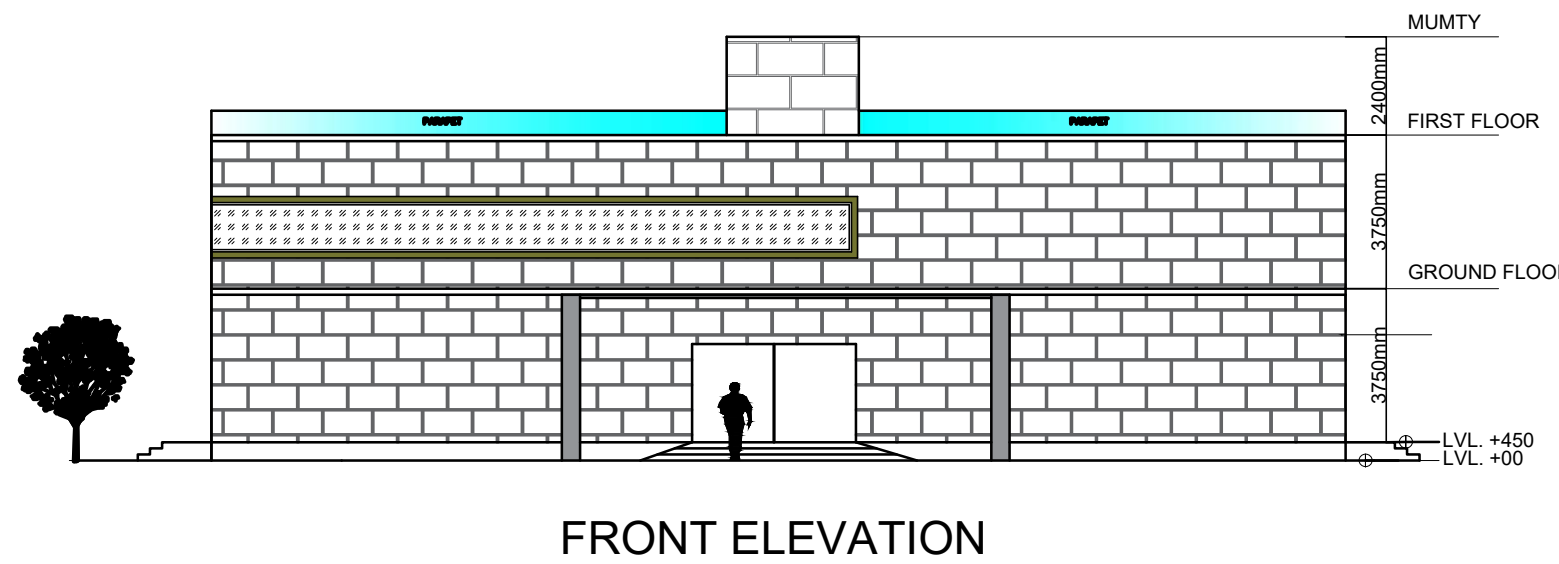
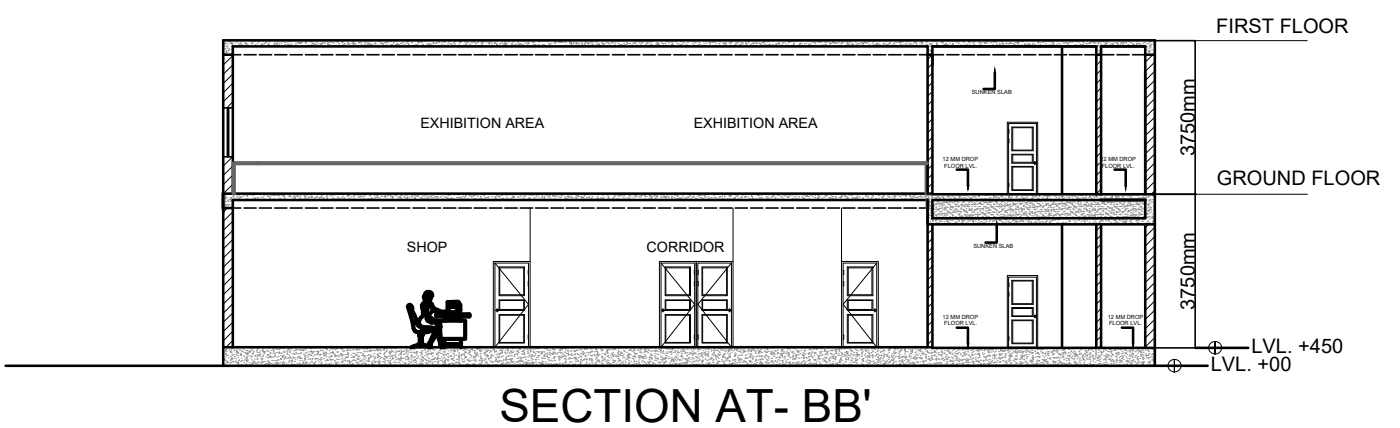
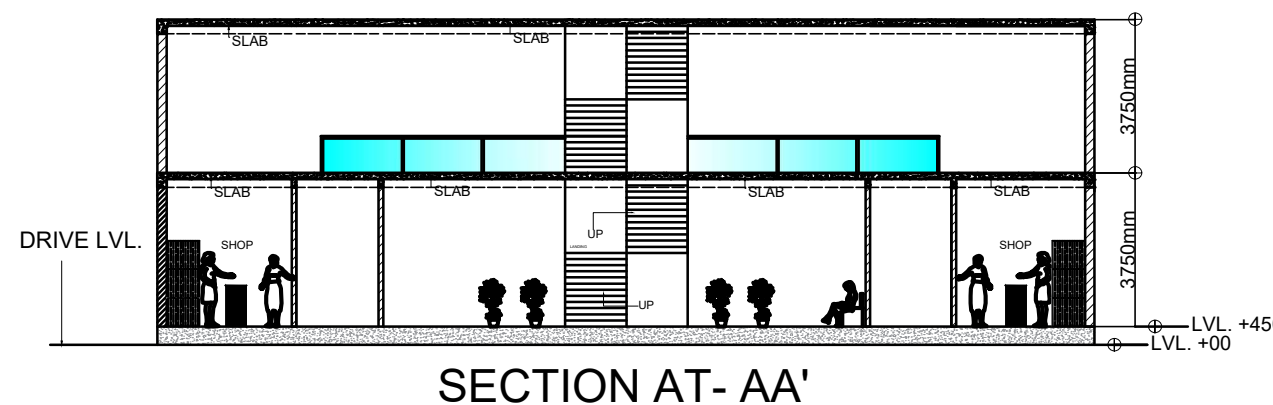
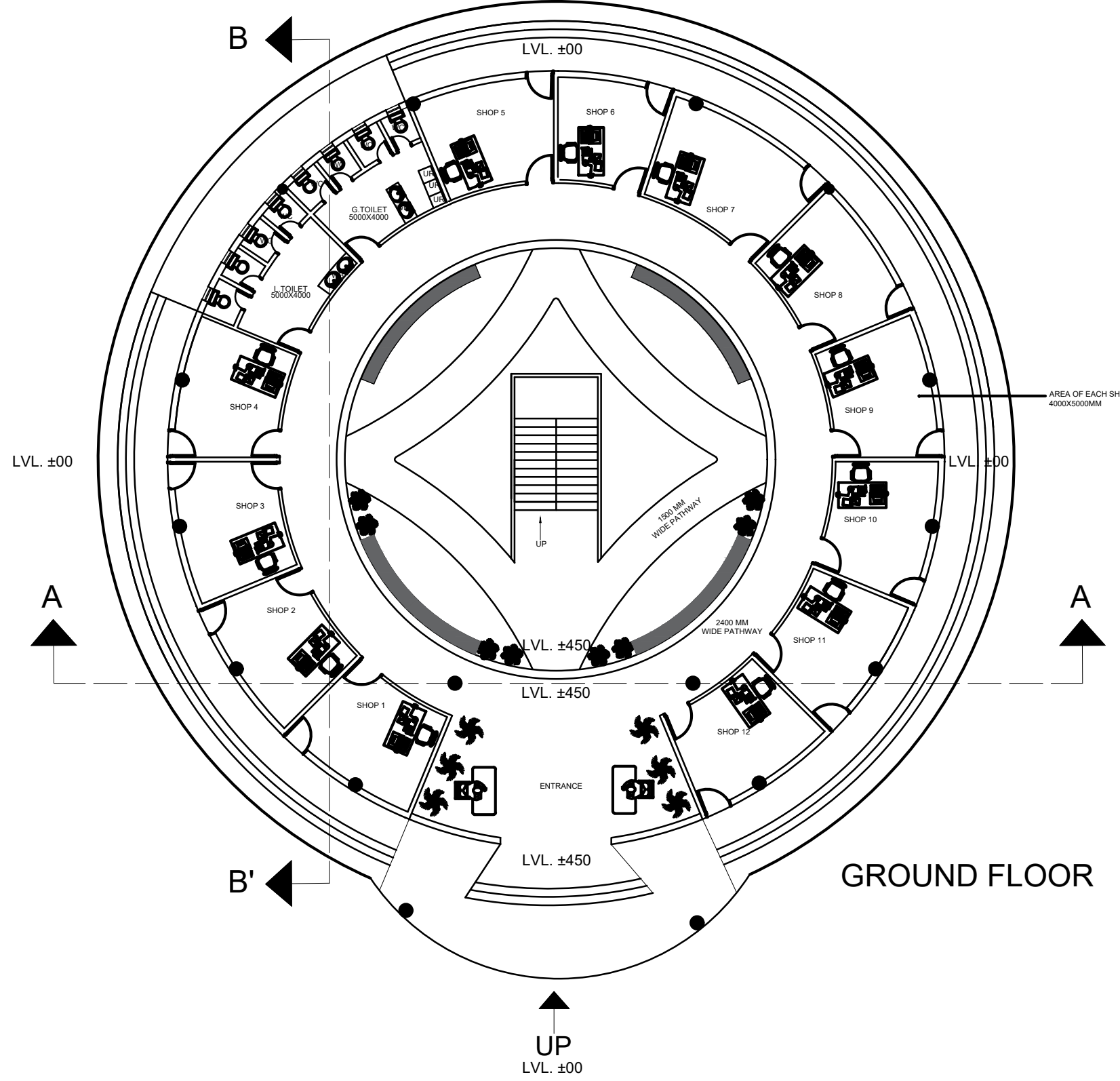
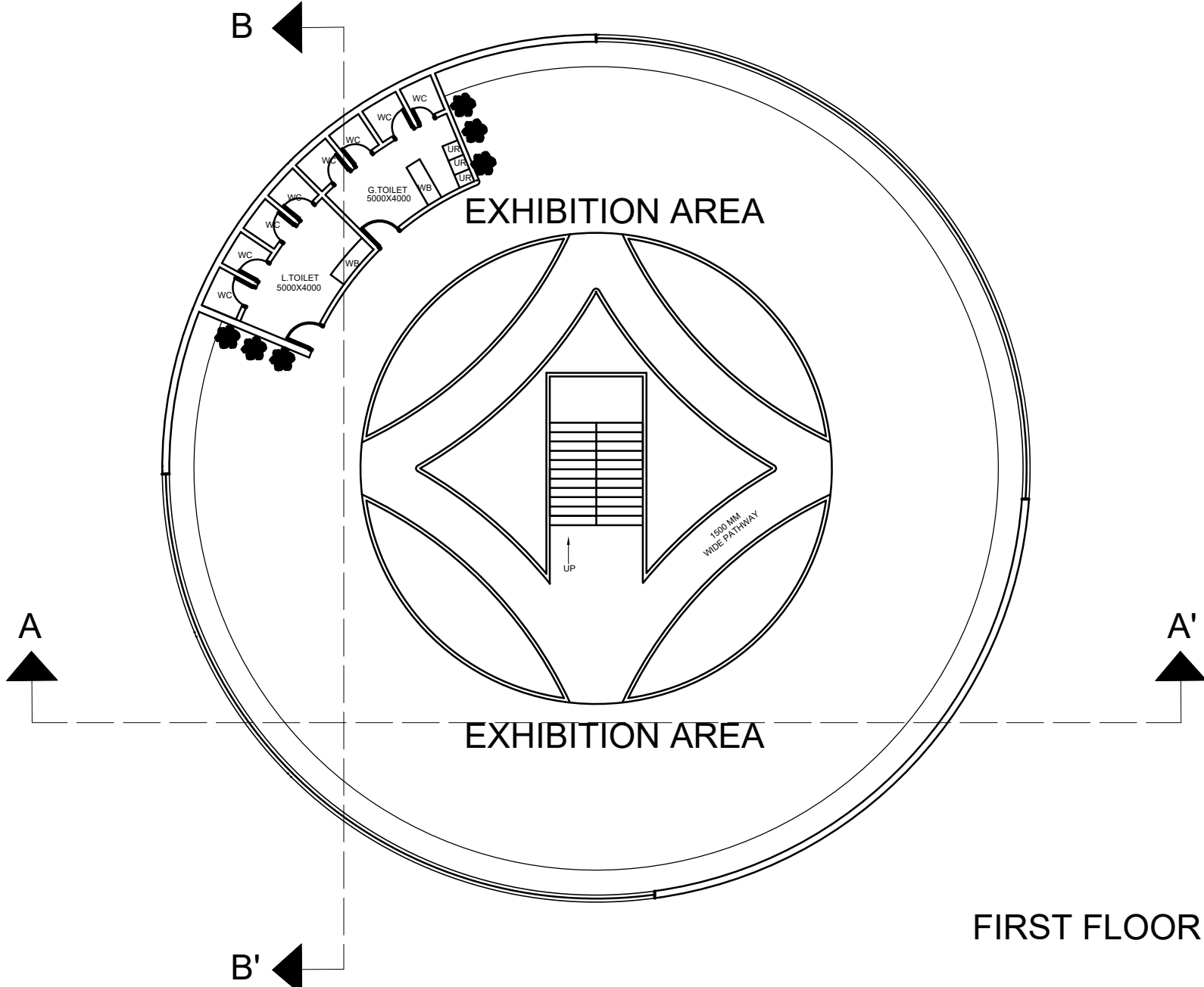



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	ASSIGNMENT		CENTRE FOR WOMEN SUSTENANCE AND EMPOWERMENT, DWARKA SEC-11 NEW DELHI				SUBMITTED BY URVASHI SINGH				GUIDE NAME GUIDE- PROF. KESHAV KUMAR								
							STUDIO		ARCHITECTURAL DESIGN	YEAR		5th YEAR	SECTION		AR 5-1	KEY PLAN		THESIS CO-ORDINATOR- AR. URVASHI TIWARI AR. SHAILESH YADAV	

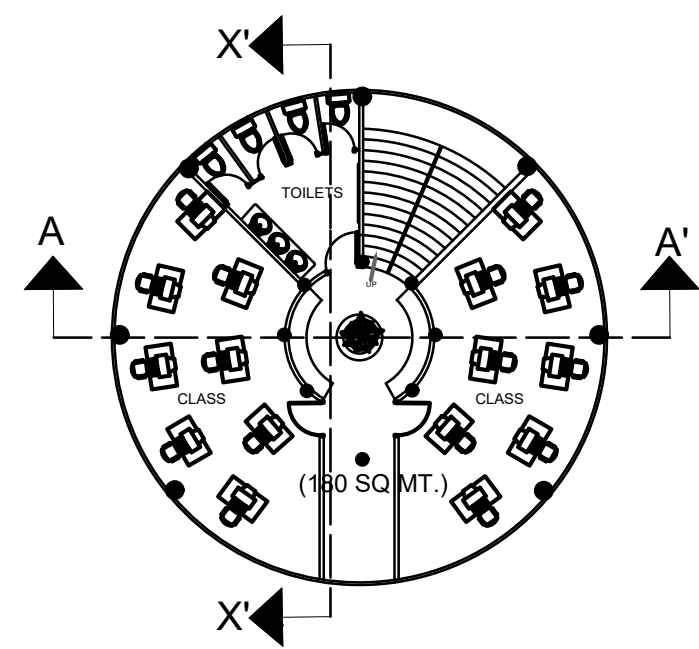
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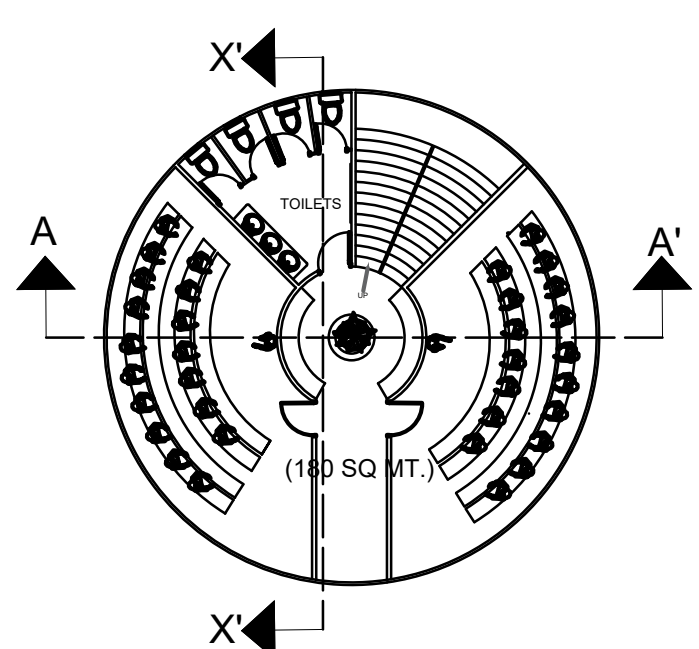
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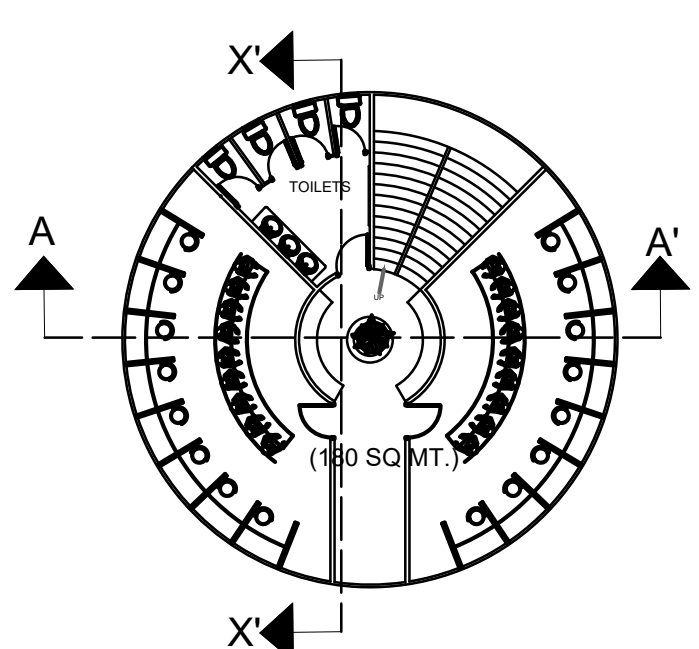
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	ASSIGNMENT CENTRE FOR WOMEN SUSTENANCE AND EMPOWERMENT, DWARKA SEC-11 NEW DELHI					SUBMITTED BY URVASHI SINGH						GUIDE NAME GUIDE- PROF. KESHAV KUMAR								
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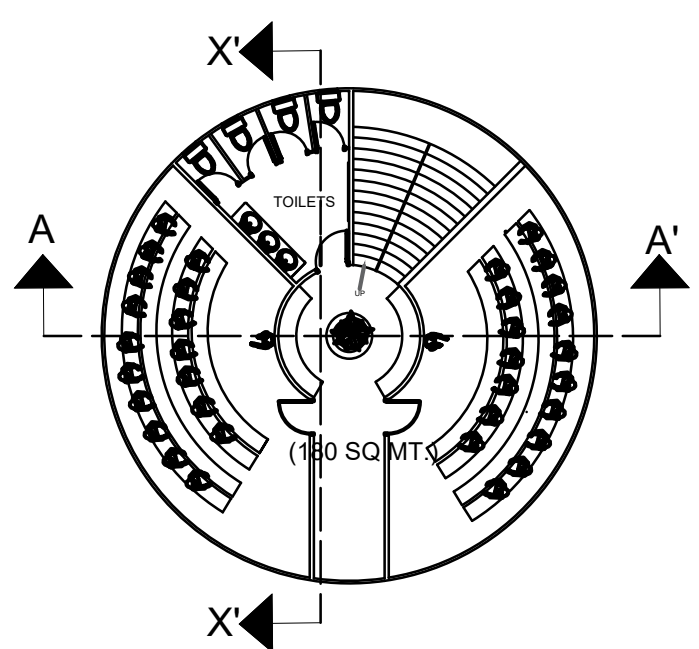
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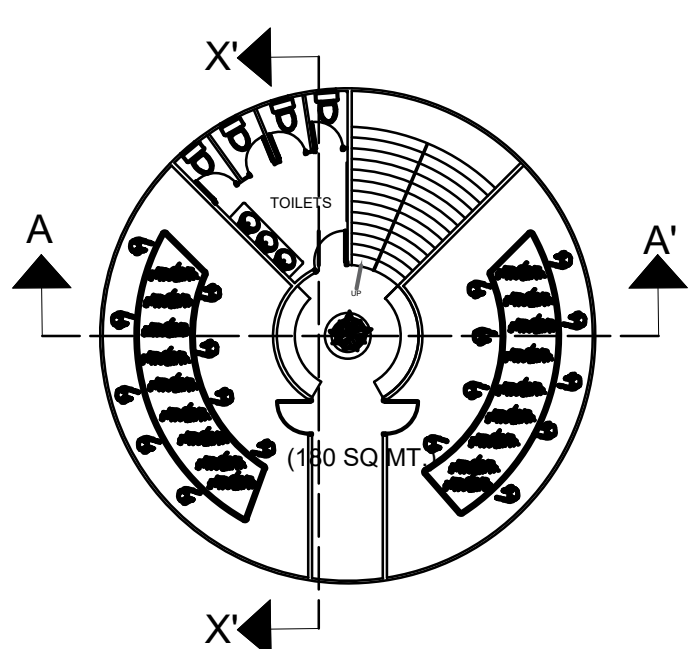
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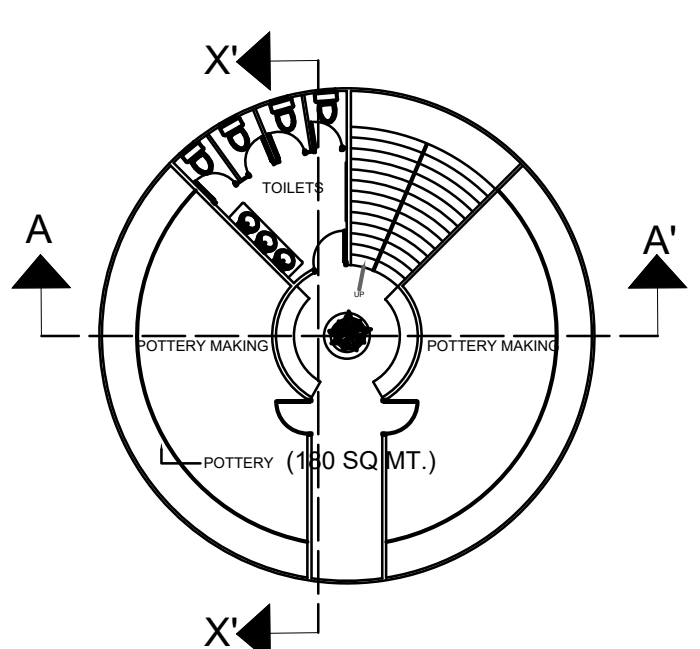
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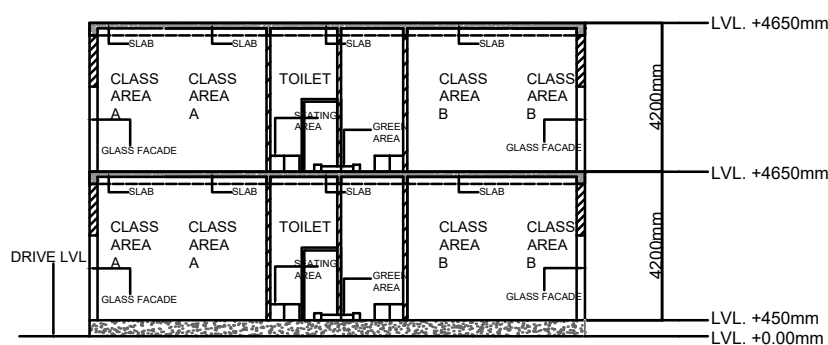
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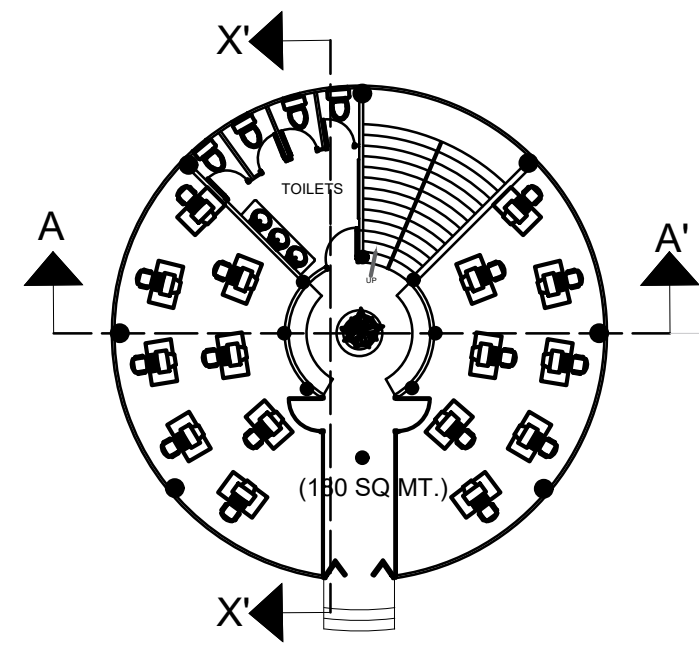
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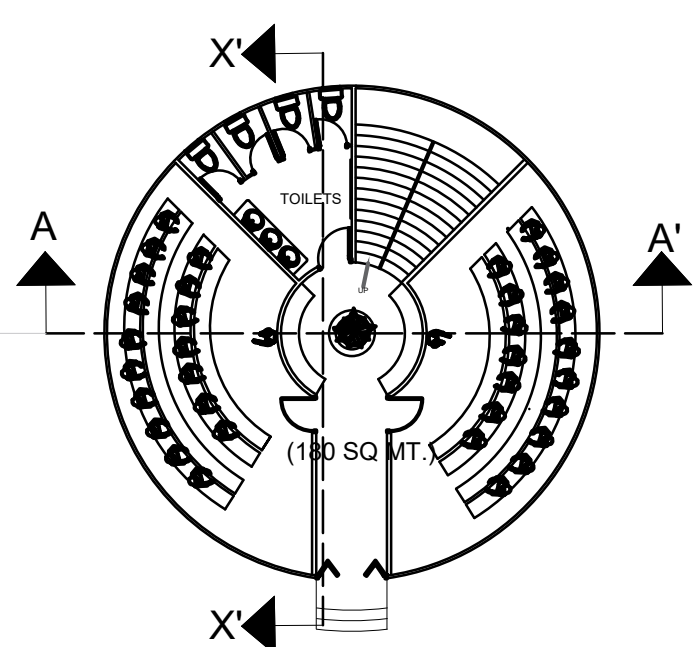
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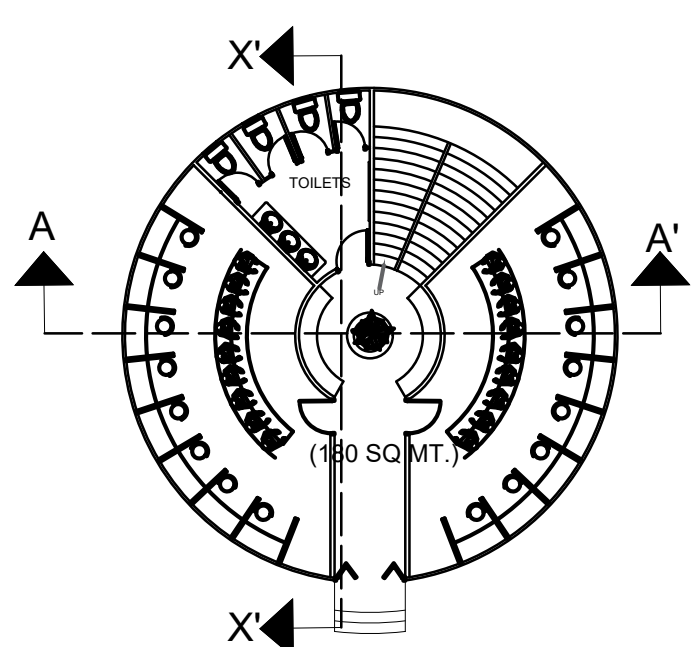
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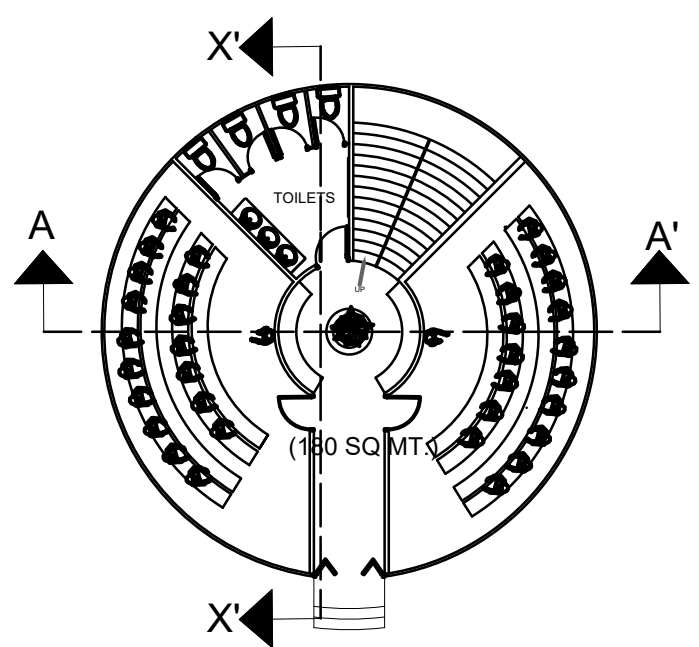
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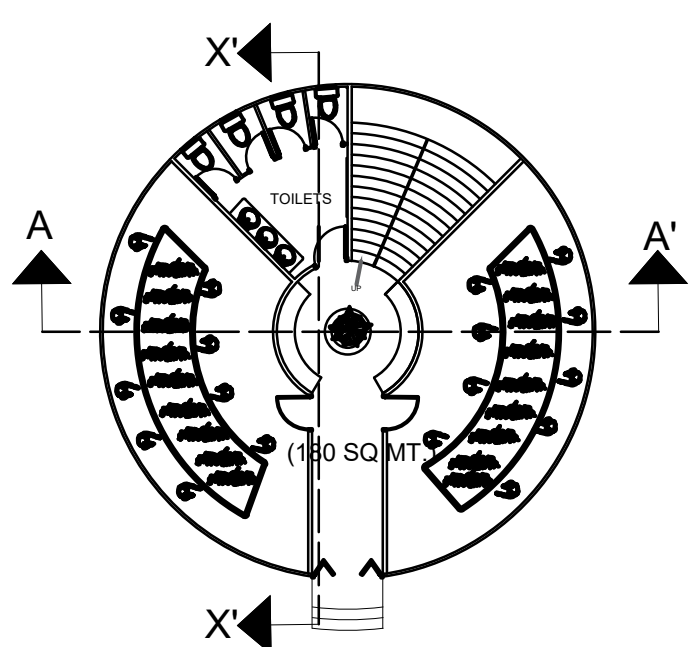
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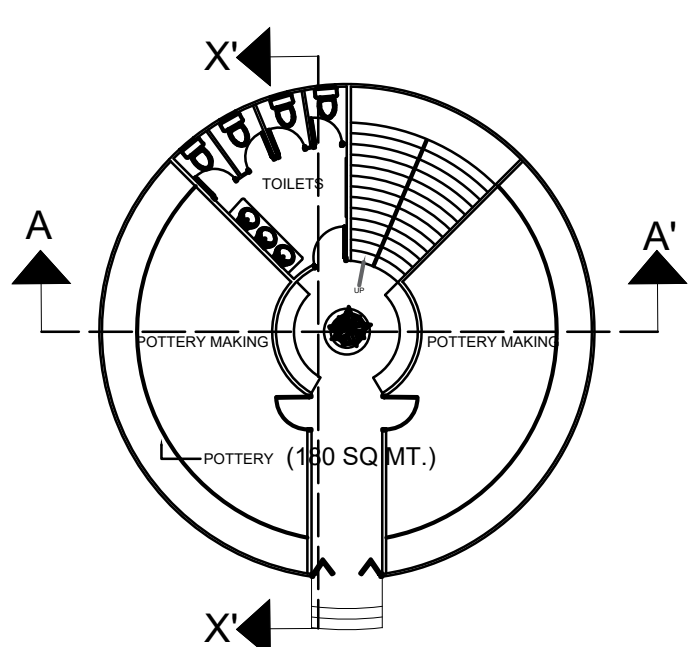
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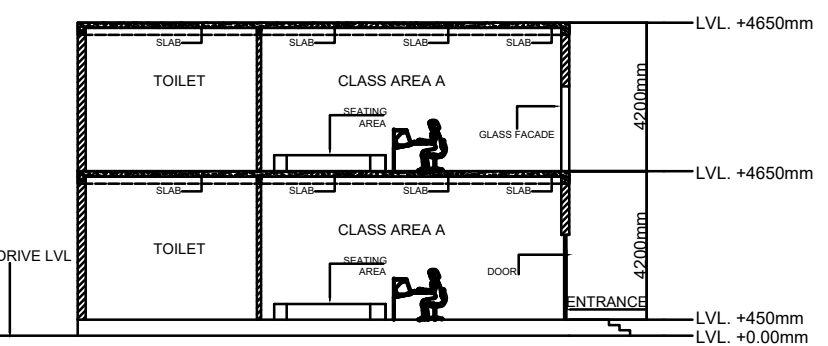
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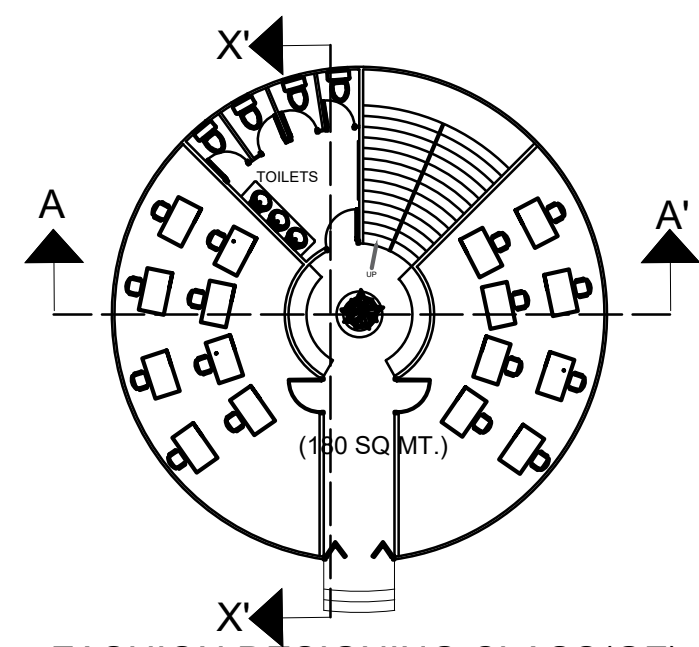
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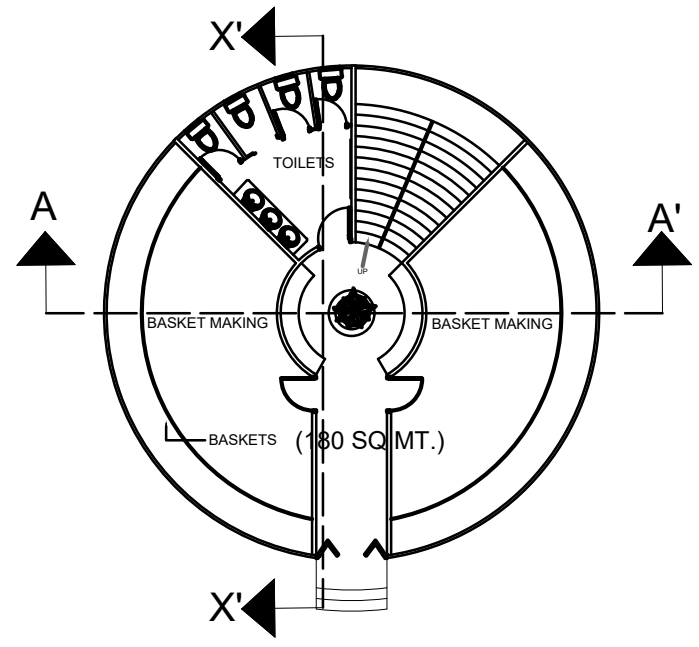
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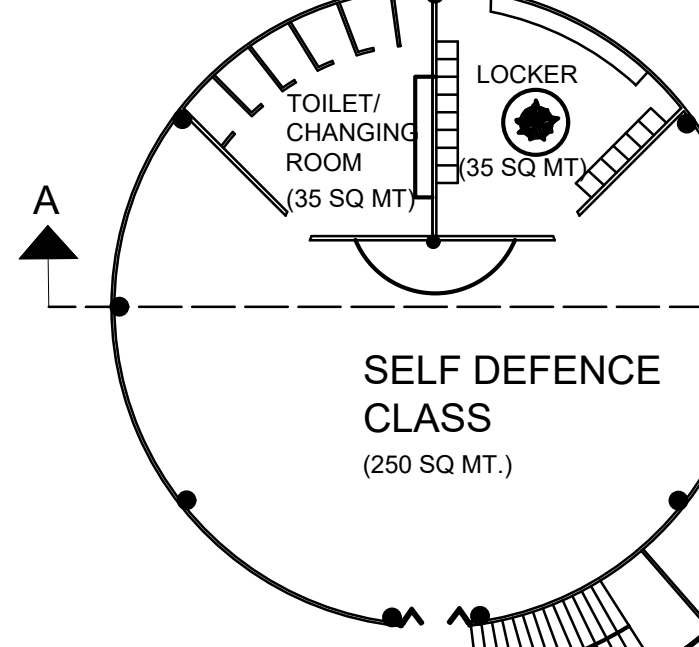
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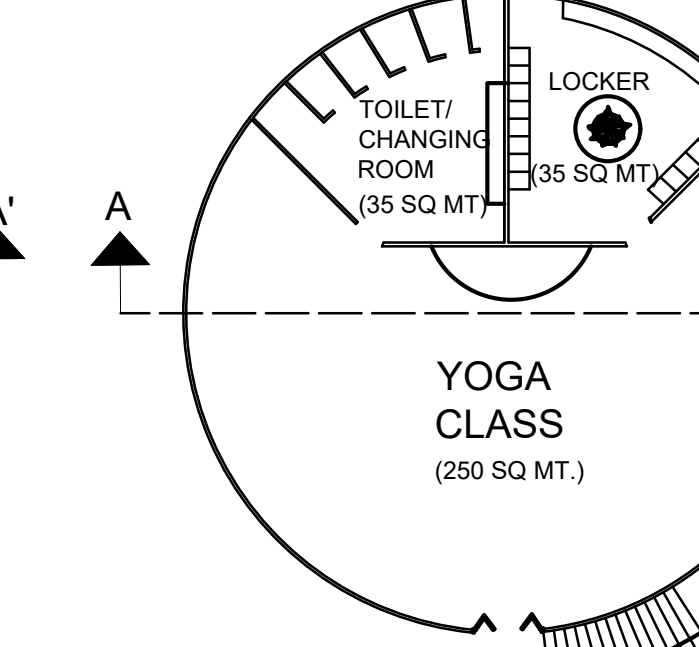
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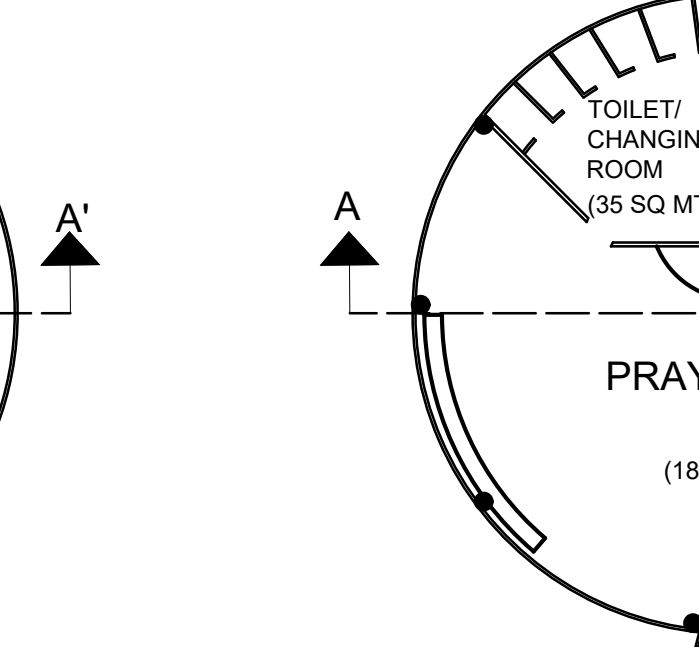
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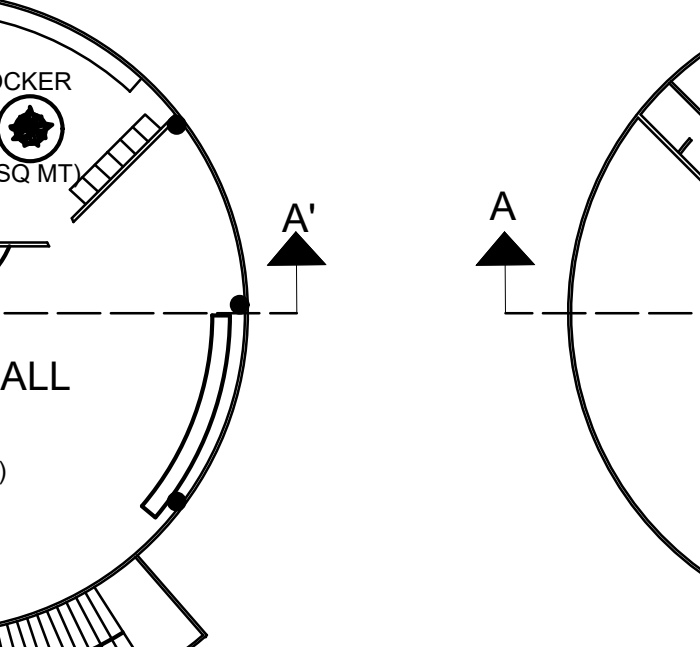
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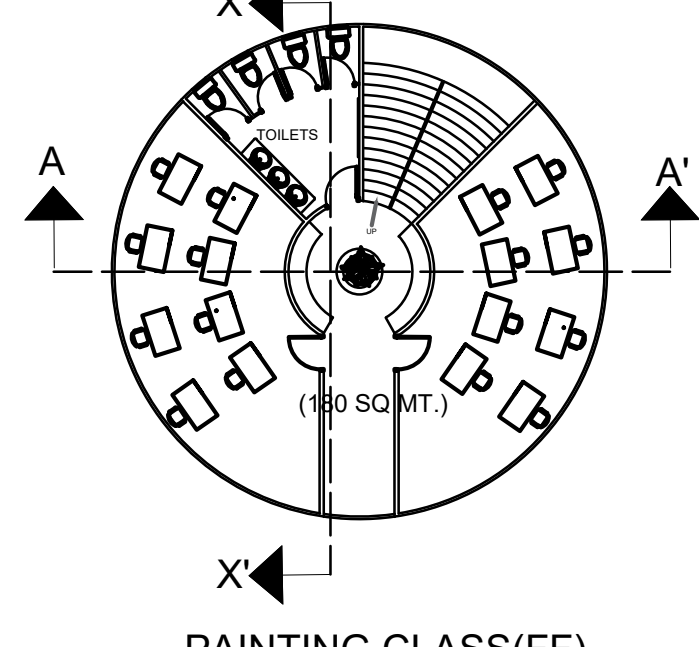
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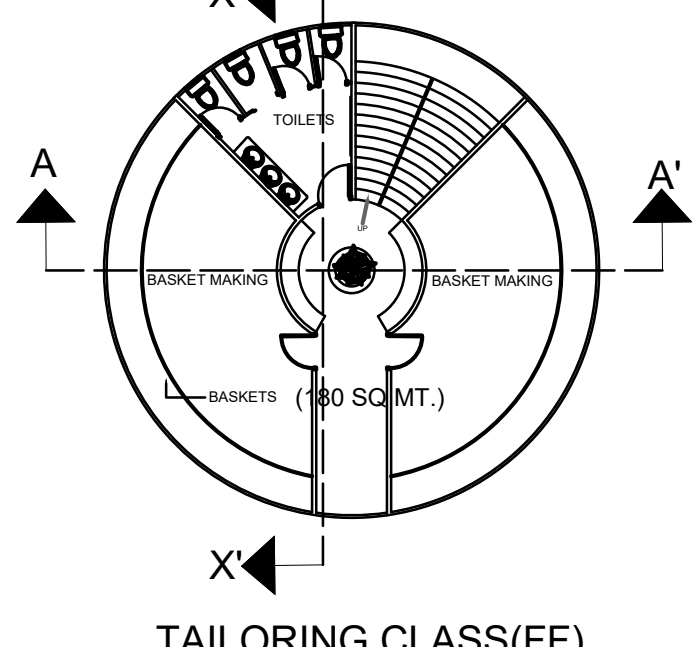
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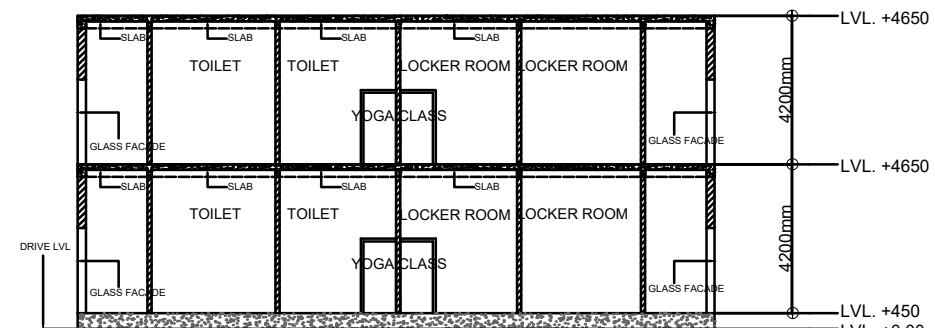
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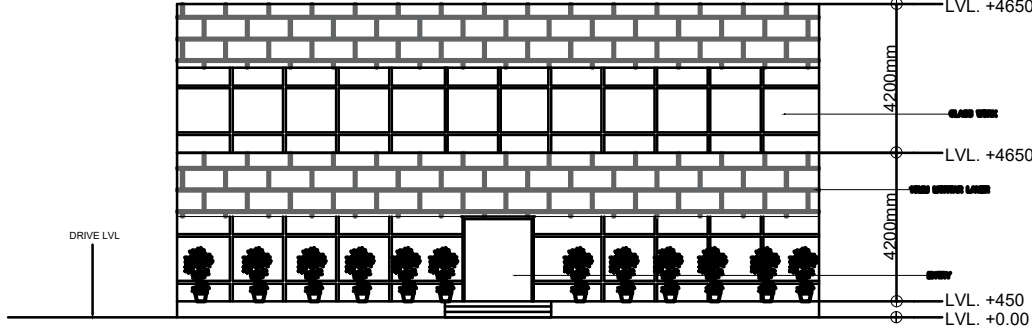
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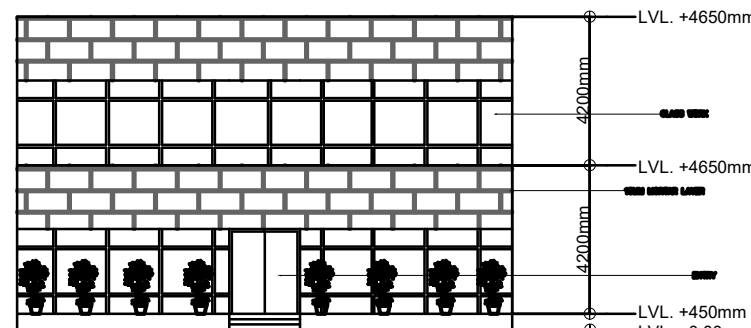
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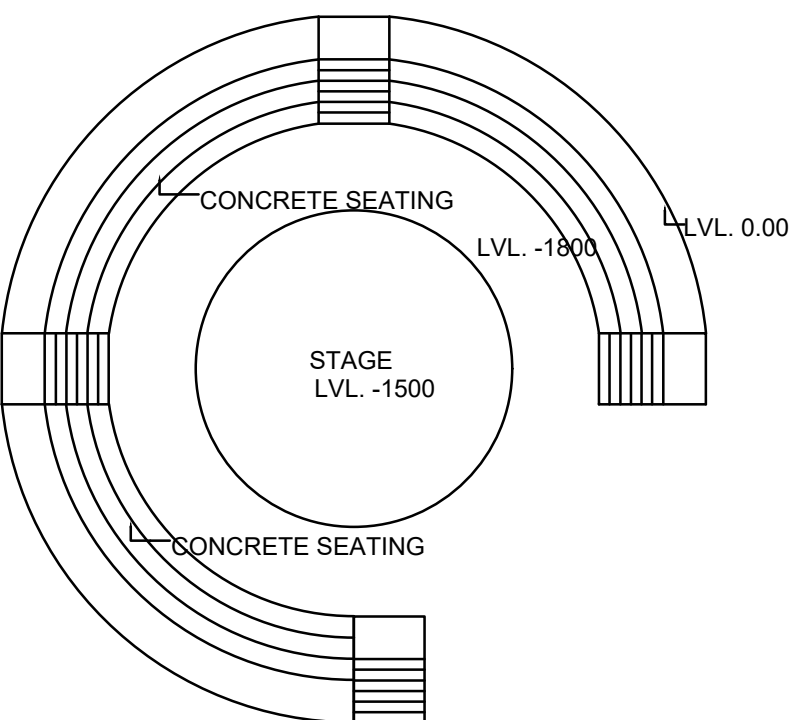
SECTION AT AA'



FRONT ELEVATION



FRONT ELEVATION



OAT PLAN



SHEET
NO-3

SUBJECT

ARCHITECTURAL THESIS

AR- 1001

ASSIGNMENT

CENTRE FOR WOMEN SUSTENANCE AND
EMPOWERMENT, DWARKA SEC-11 NEW DELHI

SKILL DEVELOPMENT CLASSES PLAN

SUBMITTED BY

URVASHI SINGH

STUDIO

ARCHITECTURAL
DESIGN

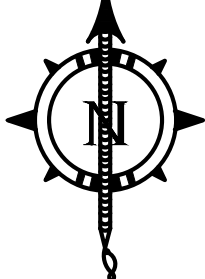
YEAR

5th YEAR

SECTION

AR 5-1

NORTH



KEY PLAN

DATE OF SUBMISSION :-

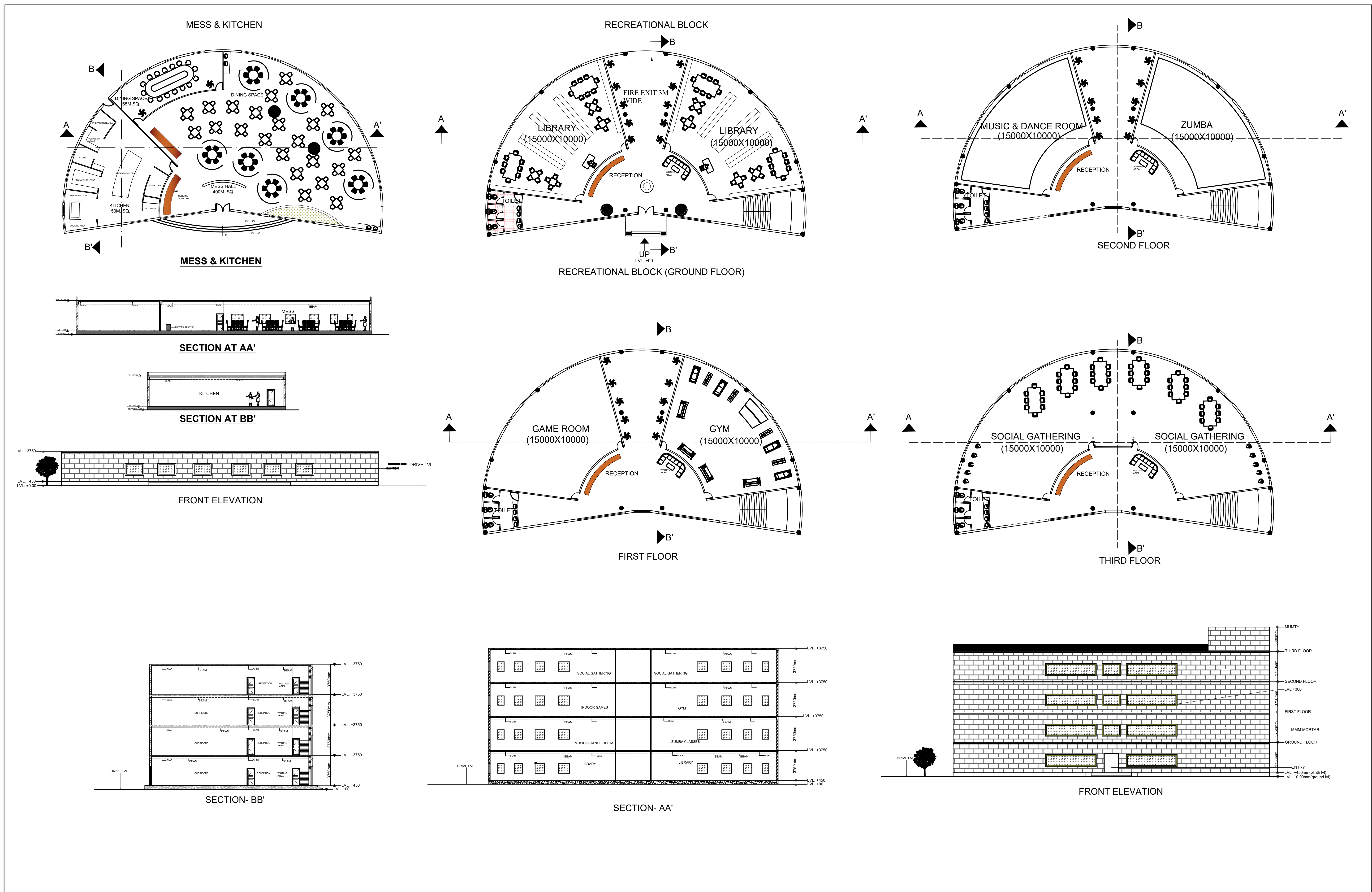
16/05/2020

GUIDE NAME

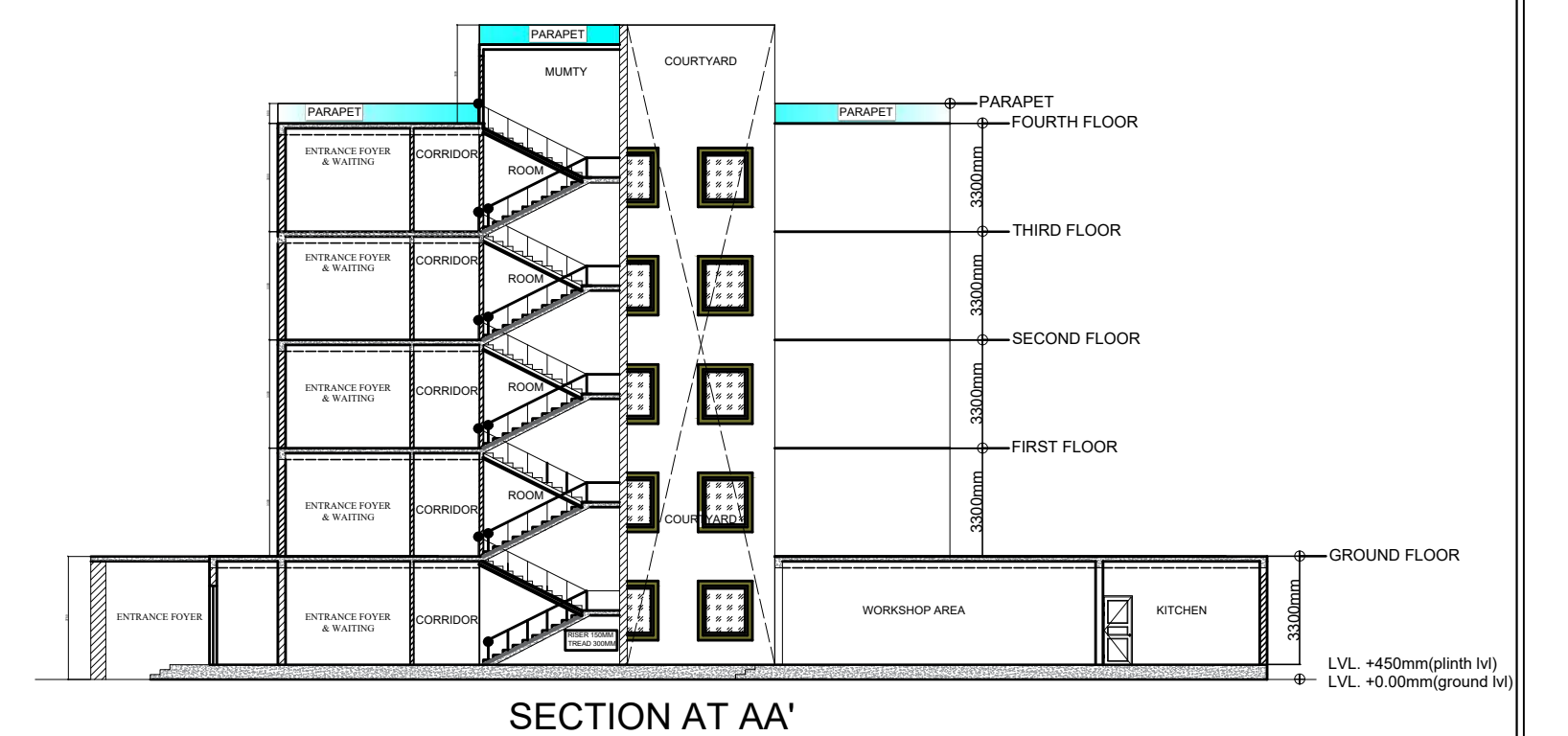
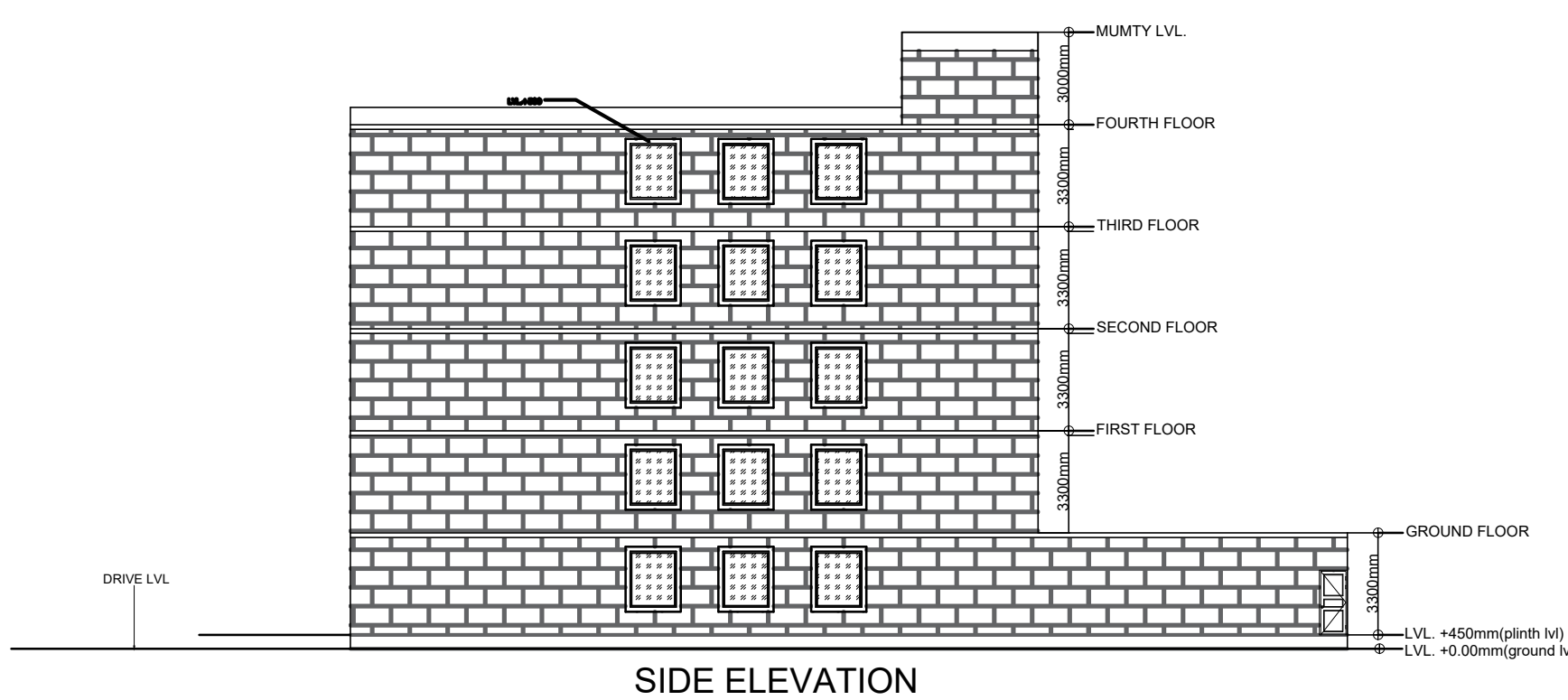
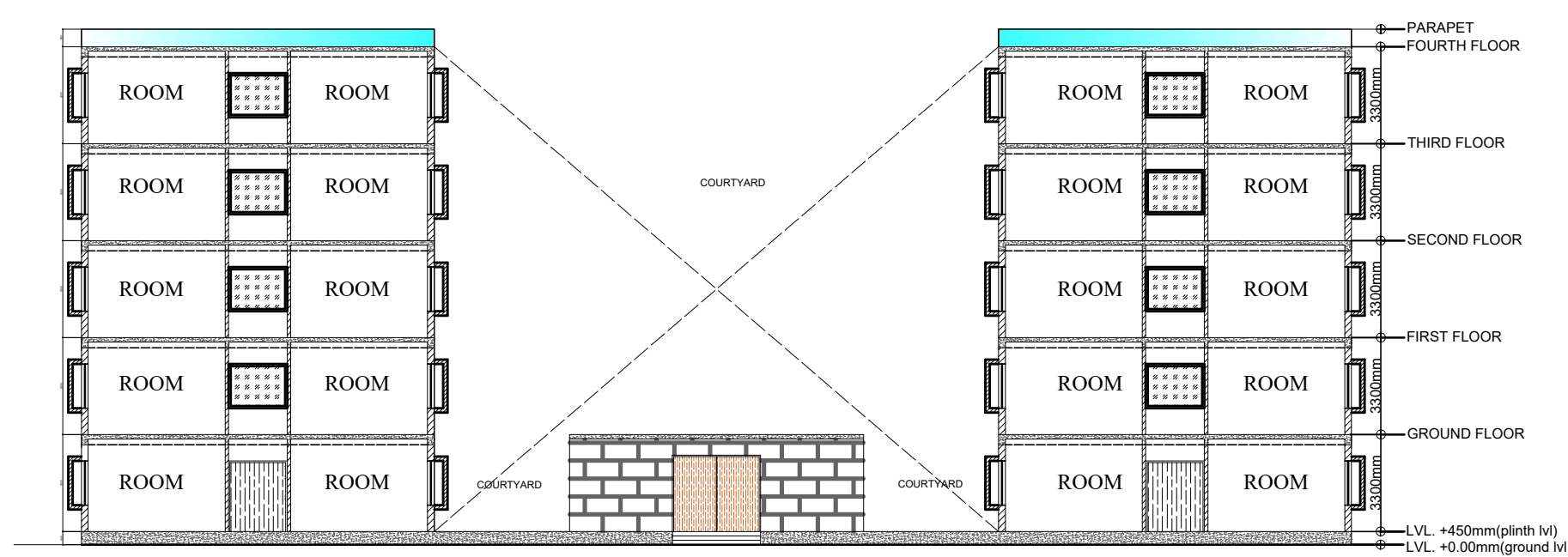
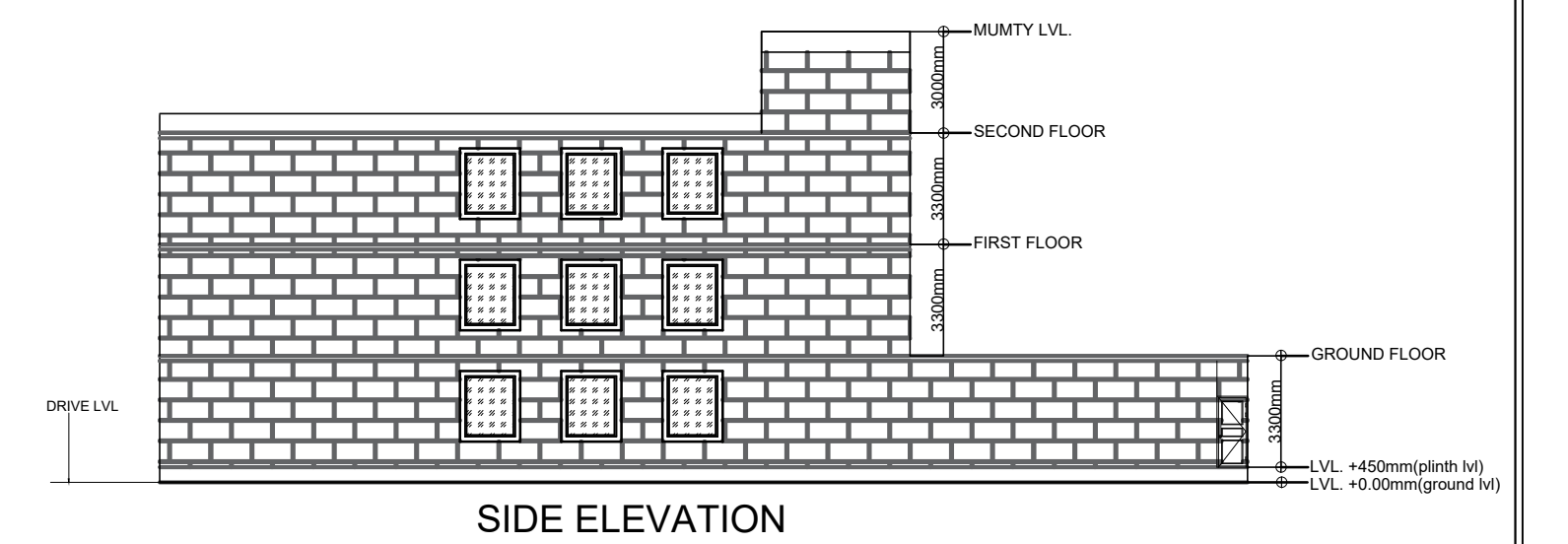
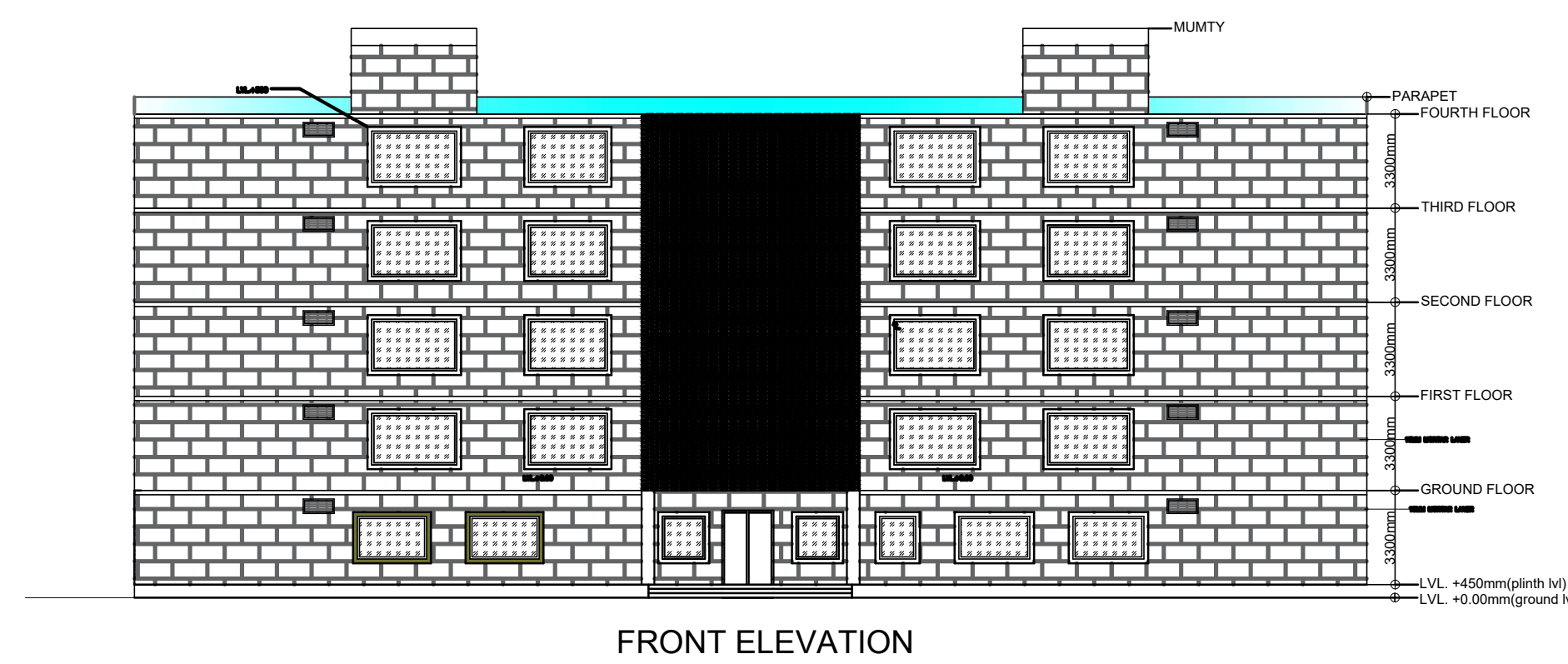
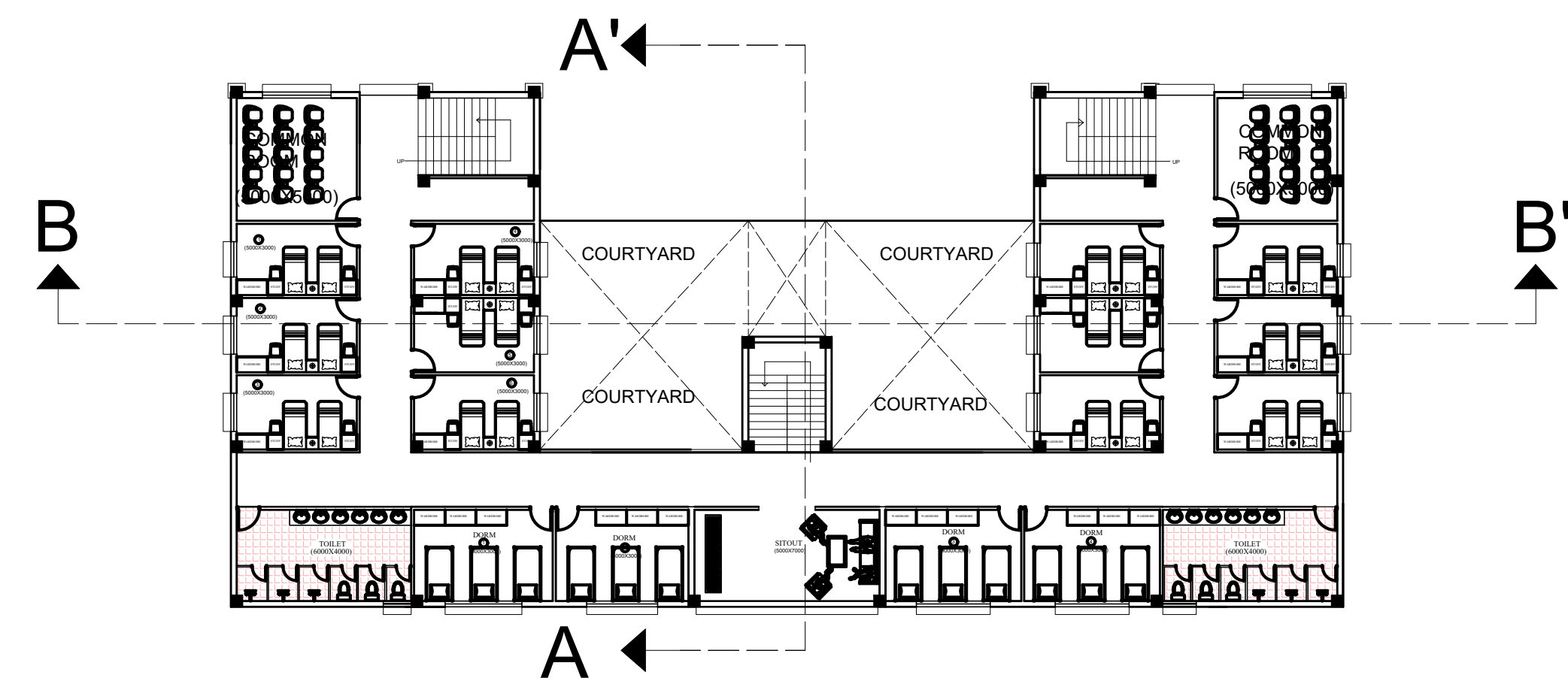
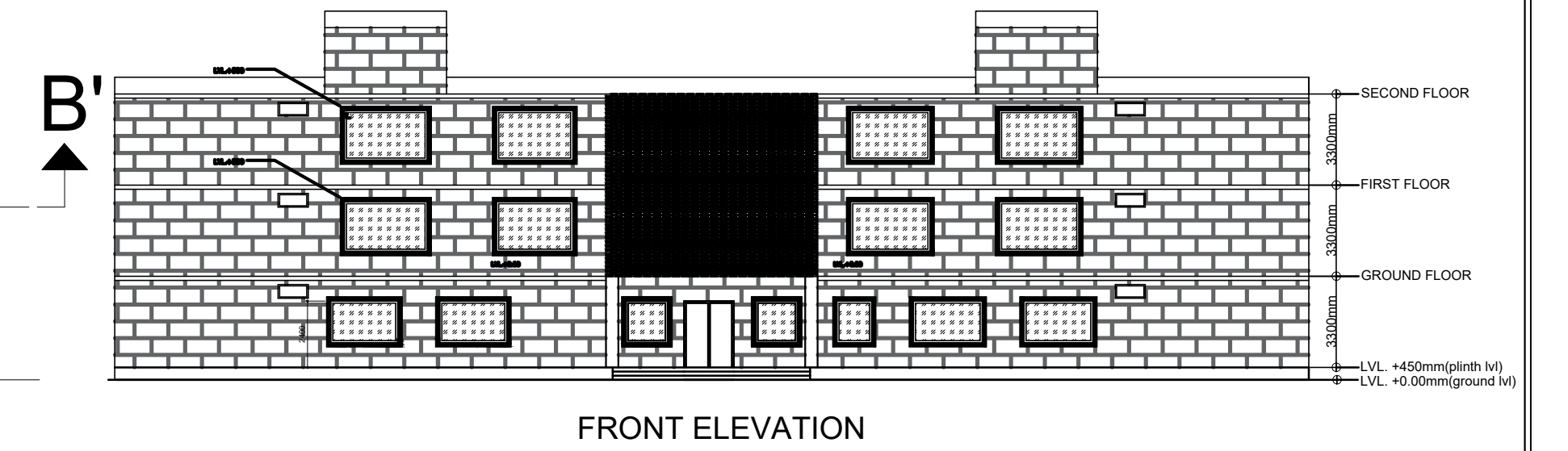
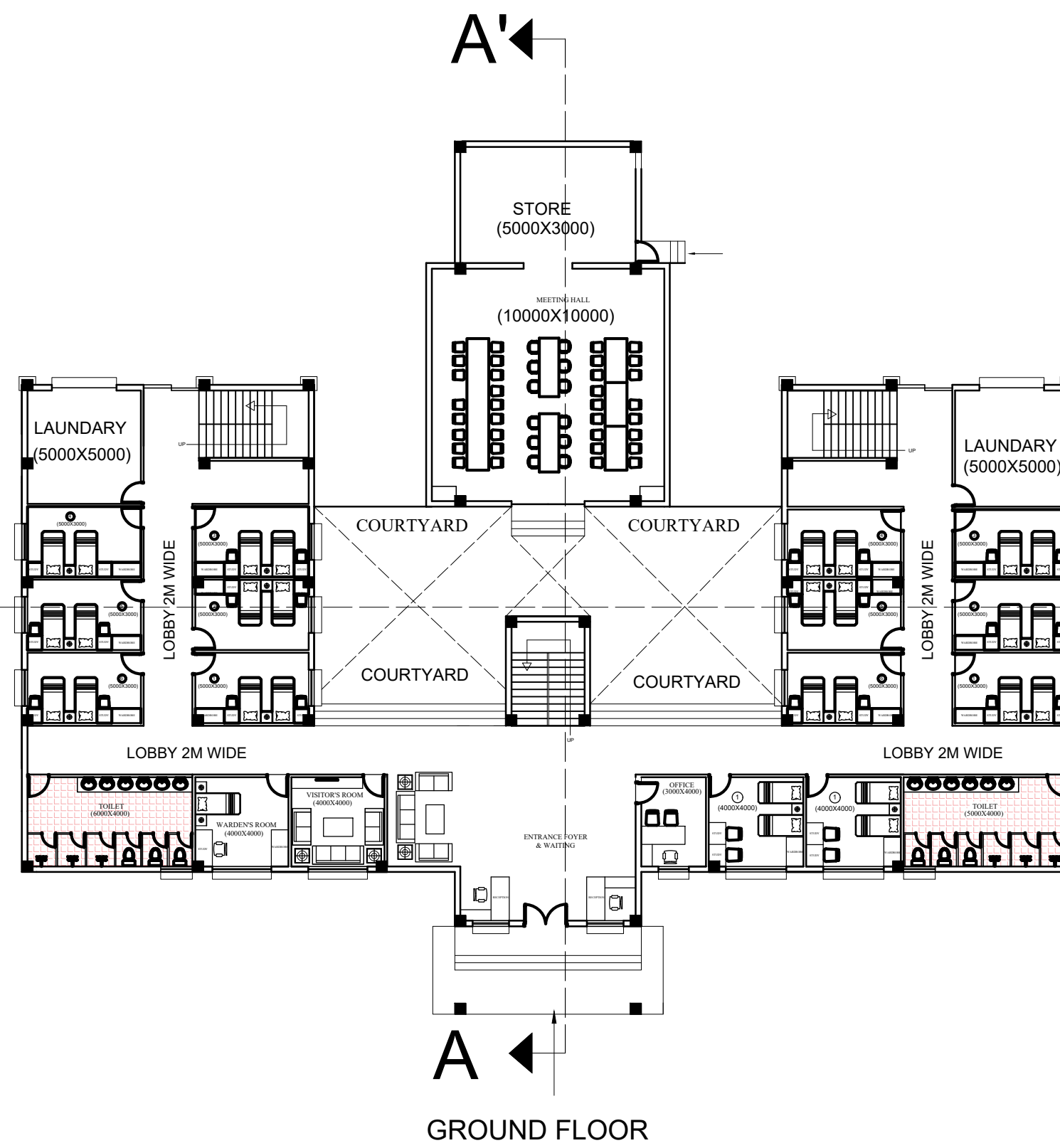
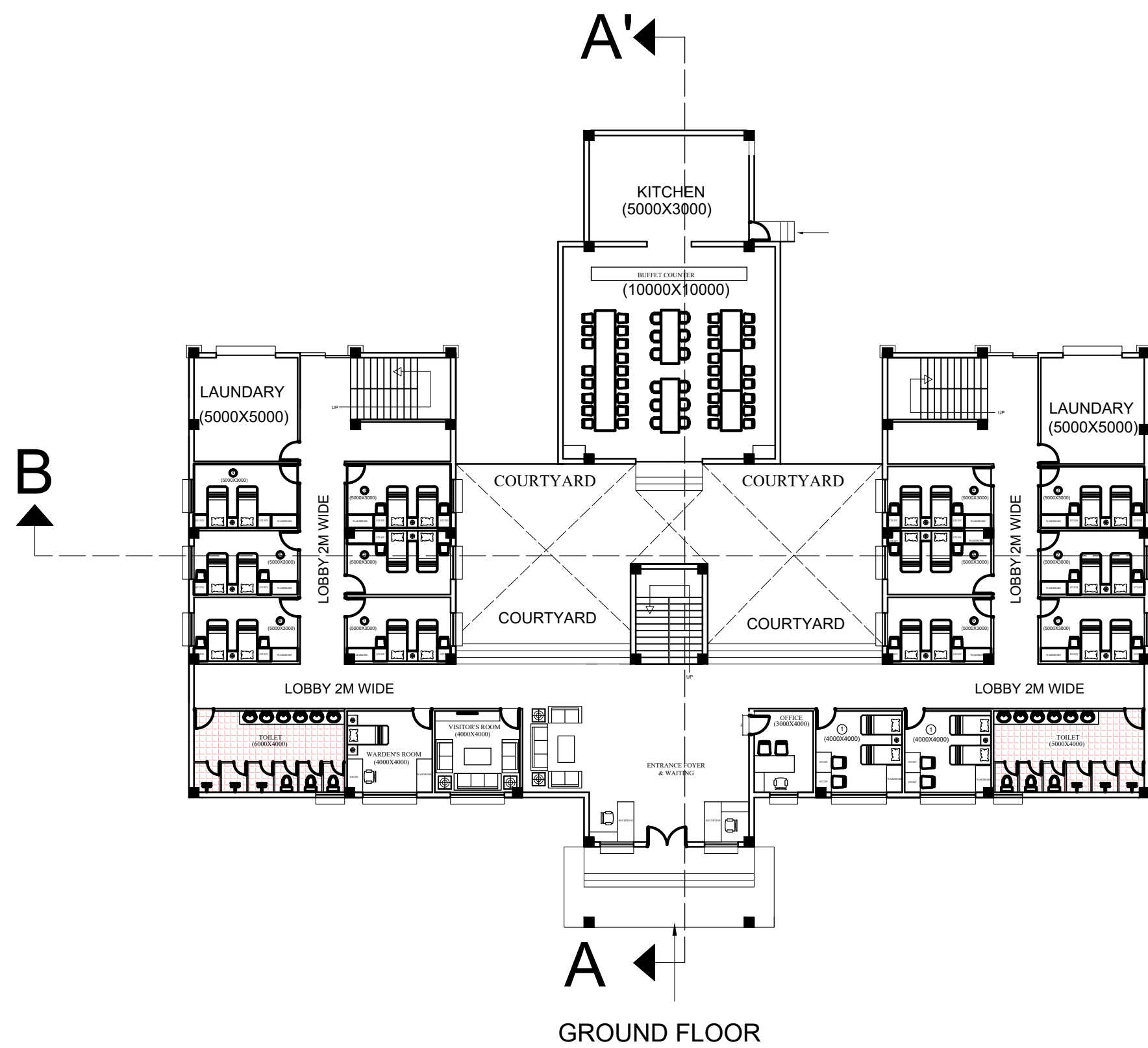
GUIDE- PROF. KESHAV KUMAR


THESIS CO-ORDINATOR-

AR. URVASHI TIWARI
AR. SHAILESH YADAV

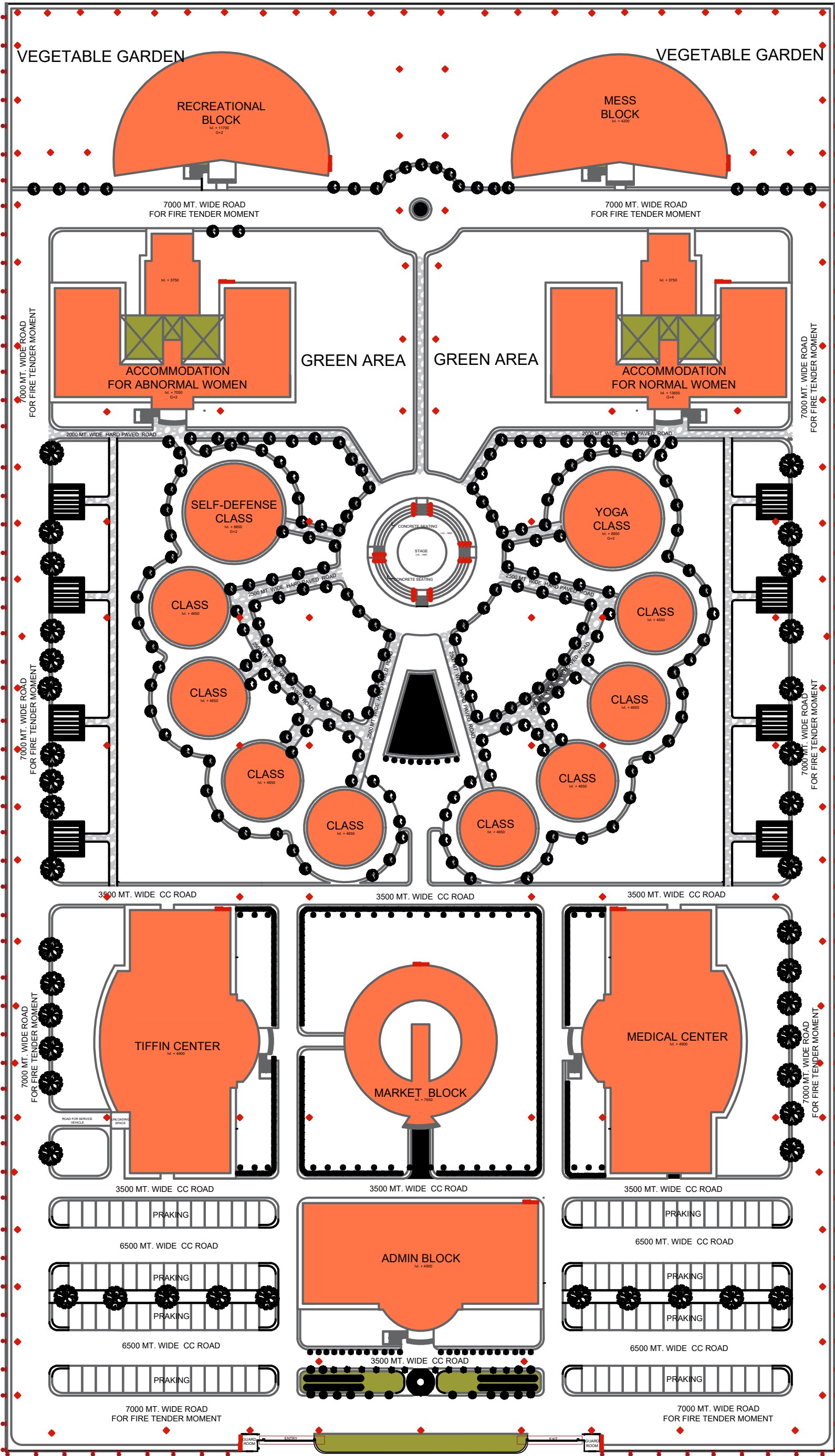


<div>SHEET NO-4</div>	SUBJECT		ARCHITECTURAL THESIS			AR- 1001		REREATIONAL BLOCK SECTION			DATE OF SUBMISSION :-		16/05/2020	
	ASSIGNMENT		CENTRE FOR WOMEN SUSTENANCE AND EMPOWERMENT, DWARKA SEC-11 NEW DELHI			SUBMITTED BY		URVASHI SINGH			GUIDE NAME		GUIDE- PROF. KESHAV KUMAR	
	STUDIO		ARCHITECTURAL DESIGN			YEAR		5th YEAR			SECTION		AR 5-1	
													THESIS CO-ORDINATOR- AR. URVASHI TIWARI AR. SHAILESH YADAV	



<div><div></div><div>SHEET NO-5</div><div></div></div>	SUBJECT		ARCHITECTURAL THESIS		AR- 1001		ACCOMODATION BLOCK PLAN			<div>NORTH</div> <div></div>	KEY PLAN		DATE OF SUBMISSION :- 16/05/2020	
	ASSIGNMENT					CENTRE FOR WOMEN SUSTENANCE AND EMPOWERMENT, DWARKA SEC-11 NEW DELHI					GUIDE NAME GUIDE- PROF. KESHAV KUMAR			
											SUBMITTED BY URVASHI SINGH			
	STUDIO		ARCHITECTURAL DESIGN		YEAR		5th YEAR		SECTION		AR 5-1			

SITE ELECTRICAL DISTRIBUTION



45 MTS WIDE ROAD



SUBJECT	ARCHITECTURAL THESIS	AR- 1001
ASSIGNMENT	CENTRE FOR WOMEN SUSTENANCE AND EMPOWERMENT, DWARKA SEC-11 NEW DELH	

SITE PLAN ELECTRICAL DISTRIBUTION

SUBMITTED BY **URVASHI SINGH**

STUDIO	ARCHITECTURAL DESIGN	YEAR	5th YEAR	SECTION	AR 5-1
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NORTH



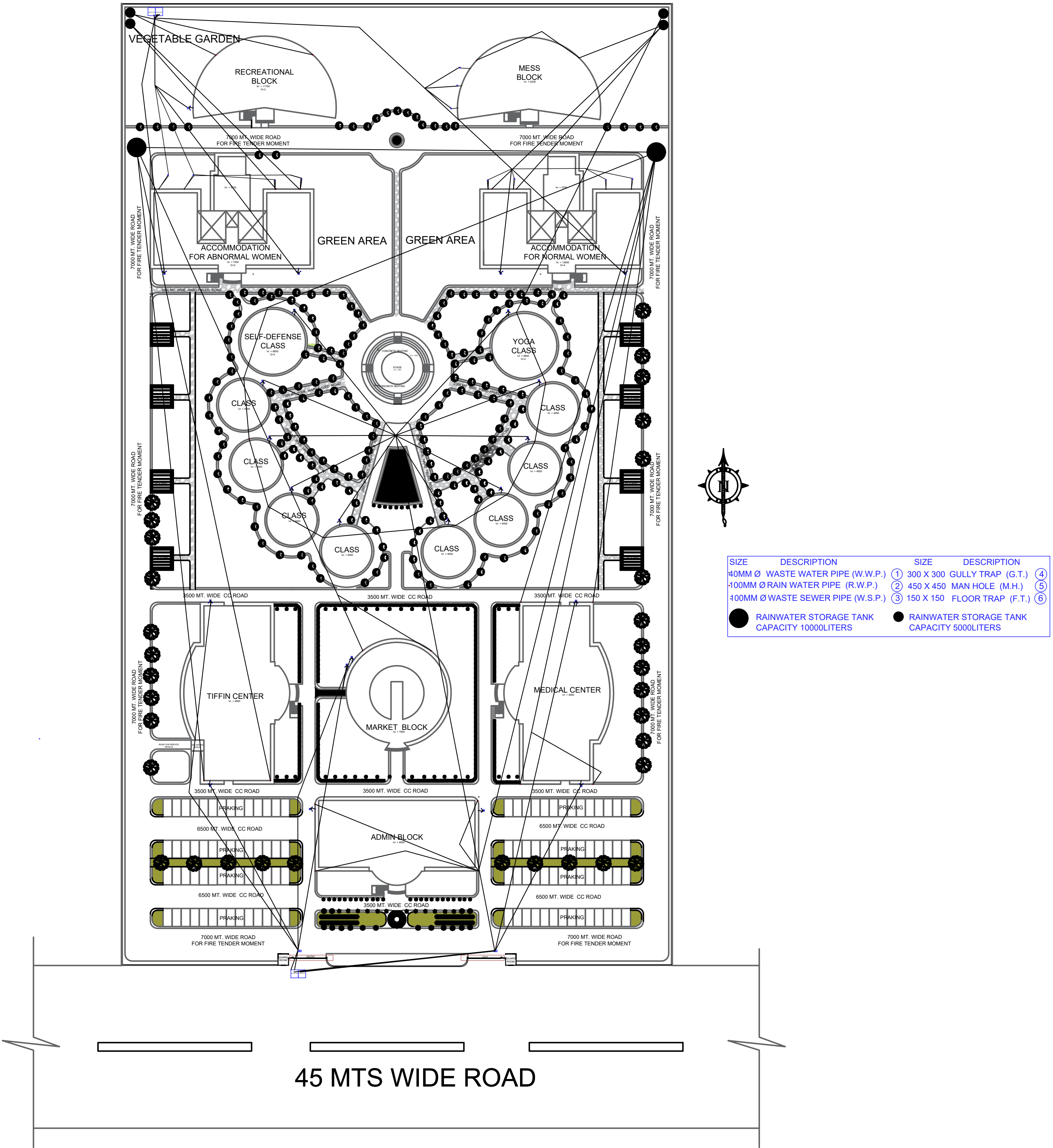
KEY PLAN

DATE OF SUBMISSION -

GUIDE NAME
GUIDE- PROF. KESHAV KUMAR

THESIS CO-ORDINATOR-
AR. URVASHI TIWARI
AR. SHAILESH YADAV

SITE PLUMBING DISTRIBUTION



SHEET
NO-3

SUBJECT ARCHITECTURAL THESIS AR- 1001
ASSIGNMENT CENTRE FOR WOMEN SUSTENANCE AND EMPOWERMENT, DWARKA SEC-11 NEW DELHI

SITE PLAN PLUMBING DETAILS

SUBMITTED BY URVASHI SINGH
STUDIO ARCHITECTURAL DESIGN YEAR 5th YEAR SECTION AR 5-1

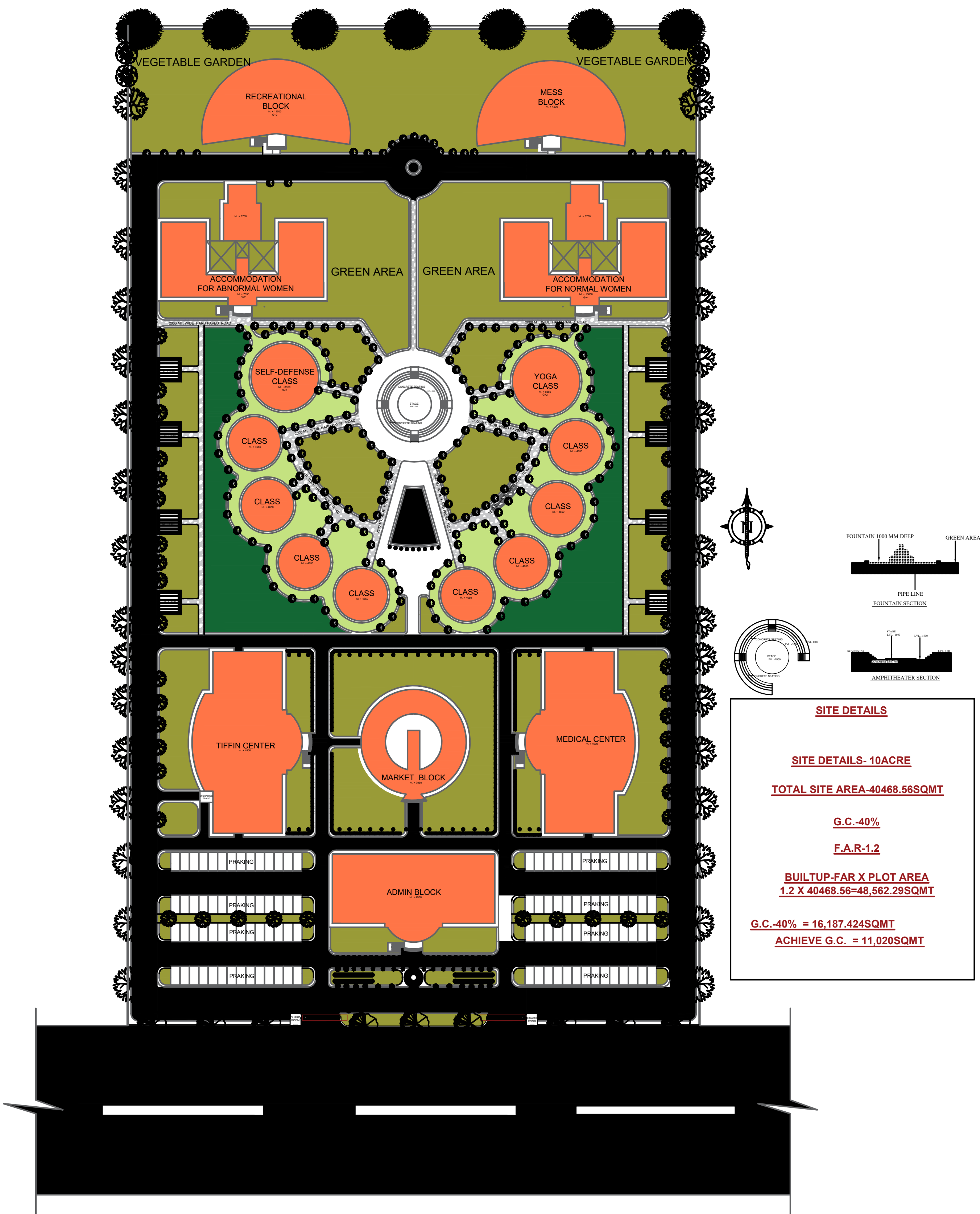
NORTH





KEY PLAN

DATE OF SUBMISSION :-
16/05/2020
GUIDE NAME
GUIDE- PROF. KESHAV KUMAR
THESIS CO-ORDINATOR-
AR. URVASHI TIWARI
AR. SHAILESH YADAV

SITE PLAN



	SUBJECT ARCHITECTURAL THESIS AR- 1001		SITE PLAN				 NORTH		DATE OF SUBMISSION - 16/05/2020	
	ASSIGNMENT CENTRE FOR WOMEN SUSTENANCE AND EMPOWERMENT, DWARKA SEC-11 NEW DELHI								GUIDE NAME GUIDE- PROF. KESHAV KUMAR	
	SUBMITTED BY URVASHI SINGH		STUDIO ARCHITECTURAL DESIGN		YEAR 5th YEAR		SECTION AR 5-1		THEESIS CO-ORDINATOR- AR. URVASHI TIWARI AR. SHAILESH YADAV	

