

THESIS REPORT ON
“KALAGRAM , NEW DELHI”

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

BACHELOR OF ARCHITECTURE
BY

JANMEJAY SINGH

1150101034

THESIS GUIDE
AR. DEEPTI SAGAR

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 entitled “**KALAGRAM, MEHRAULI, NEW DELHI.**” under the supervision of AR. DEEPTI SAGAR , 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, BBDU, Lucknow.

Prof. Mohit kumar
Agarwal
Dean of Department

Prof. Sangeeta Sharma
Head of Department

Recommendation Accepted
Not Accepted

External Examiner

External Examiner

BABU BANARASI DAS UNIVERSITY, LUCKNOW

CERTIFICATE OF THESIS SUBMISSION FOR EVALUATION

1. Name : JANMEJAY SINGH

2. Roll No. : 1150101034

3. Thesis title: Art and Craft Centre

4. Degree for which the thesis is submitted: Bachelor's Degree in Architecture

5. Faculty of the University to which the thesis is submitted. YES/NO

6. Thesis Preparation Guide was referred to for preparing the thesis. YES/NO

7. Specifications regarding thesis format have been closely followed. YES/NO

8. The contents of the thesis have been organized based on the guidelines. YES/NO

9. The thesis has been prepared without resorting to plagiarism. YES/NO

10. All sources used have been cited appropriately. YES/NO

11. The thesis has not been submitted elsewhere for a degree. YES/NO

12. Submitted 4 spiral bound copies plus one CD. YES/NO

.....

(Signature of the supervisor)

Name:

.....

(Signature of the Candidate)

Name:

Roll No.:

ACKNOWLEDGEMENT

First and foremost gratitude towards the almighty "**GOD**" for his blessings.

I am thankful to **Ar. DEEPTI SAGAR, Prof. KESHAV KUMAR**, and all my faculty members who have been extremely co-operative since the very beginning and who helped me to utilize my skills and creativity to the utmost.

Sincere thanks to **Ar. URVASHI TIWARI and Ar. SHAILESH YADAV**(Thesis Co-ordinator), who left no stone unturned to shape our thesis in the best possible way and also for his untimely help whenever required.

I express my deepest gratitude to my thesis guide **Ar. DEEPTI SAGAR**, for his valuable dispassionate guidance, critical discussions, suggestions and continuous support all through my B.Arch thesis.

Special thanks to my seniors **BUDHIRAM MAURYA** for their guidance and support regarding the studies for this project as well as the whole 5 years of study.

I would like to thank all my friends specially **Narendra, Rohit, Deepak, Vishaal Alok, Atul** for their support during my thesis as well as the whole 5 year of study. Each one of them has contributed towards making me a better person and the time I spent with all of them will always be cherished.

Thanks to all my juniors specially **Shaikh Faraz, Shams ajaz, Zerish kanwal** , for their help in the thesis.

At last but not the least, I have no words to express my gratitude for the love and affection of my parents who gave me support at every step of my life. So, this thesis is dedicated to them.

Janmejay Singh

CHAPTER 1 : INTRODUCTION

CHAPTER 2 : SITE STUDY

- 1-Site Location and Surroundings
- 2-Byelaws
- 3-Inferences

CHAPTER 3 : CLIMATE STUDY

CHAPTER 4 : STUDIES

- 1-Case Study 1 :
(Dilli Haat, I.N.A., New Delhi)
- 2-Case Study 2 :
(Dilli Haat, Pitampura, New Delhi)
- 3-Literature Study 1 :
(Awadh Shilpgram,Shaheed Path, Lucknow)
- 4-Literture Study 2:-
(Dilli Haat, Janakpuri, New Delhi)

CHAPTER 5 : COMPARATIVE ANALYSIS

CHAPTER 6 : STANDARDS

CHAPTER 7 : AREA ANALYSIS

CHAPTER 8 : DESIGN CONCEPTS AND FLOWCHARTS

- 1-Concept
- 2-Zoning
- 3-Views

CHAPTER 9 : ELECTIVES

- 1-LANDSCAPE
- 2-FIRE FIGHTING

CHAPTER 10 : FINAL STAGE/FINAL DESIGN PROPOSAL

- 1-Layout Plan
- 2-Floor Plans
- 3-Elevations
- 4-Sections
- 5-3D Views
- 5-Model Views

CHAPTER 11 : BIBILOGRAPHY

KALAGRAM

1. Introduction:

- In order to provide local crafts' men and women the direct access to market, improve their income and to provide a more wholesome and more market support & organized services, KALAGRAMS are a good means.
- In India, where there is abundance of cultural and heritage art exists, at the same time it is dying due to financial weakness of the craftsmen.
- Kalagram, arts and crafts villages, etc. are being developed not only to support local artisans but also to strengthen the traditional forms of arts and crafts.
- Kalagram shall facilitate the crafts man and experts from the field of craft practice to exchange knowledge, build business and technical capacities that enrich craft traditions while ensuring improved livelihoods and incomes.

2. Need of Topic:

- The program focuses on traditional art and craft, recreation of traditional architecture, creation of a crafts village etc. Going further on this theme, this design intends to plan this campus as a village that might have developed over a long period and hence buildings have styles from different periods which reflect Delhi at different times.
- The Kalagram will be a unique and most popular picnic spot in the beautiful natural surroundings of historical structures existing nearby & beautifully landscaped gardens.
- The live performances of Indian folk will make the project more enchanting. The tourists and the visitors here will definitely enjoy the art of making artifacts, enjoy informal discussion with artisans & would love to participate in folk-dance performances. The facility of conducted tours for school & collage students, senior citizens & others will make this destination easily accessible.
- The symbiosis of artisan community & tourist together will make this project the most successful and self-sufficient.
- To understand the vernacular art and architecture.
- To explore the scope of indigenous modernity.
- To develop my understanding of Public Space Planning.

3. Aim & objective:

Aim of the project is to carry on sustainable development & promotion of Art , Craft and cultural heritage of India.

Educational

- The principal aim of the project is to educate the people about the value of their rich cultural heritage as embodied in the arts and crafts and other folk tradition of the region.
- A variety of educational programmes for the benefit of general public and school children would be drawn up with focus on creativity workshops in the arts and crafts of the region.

Preservation

- To create an environment for the preservation of the traditional crafts which are fast dying due to the onslaught of industrial products. In the pursuit of this aim, it would further be necessary to establish a direct contact between the craftsmen and the buyer by removing the middleman.

Recreational

- In order that the Kalagram attracts large number of people, it would be necessary to provide different forms of recreation bearing, however, in mind that it should not become so heavy as to stifle the delicate aim of artistic preservation.

Commercial

- By virtue of the provision of restaurants and recreational facilities, the Kalagram is expected to become a major attraction for tourists and visitors. The project may thus eventually acquire the status of a financially self-supporting centre. An attempt should be made to make the complex economically self-sufficient over the years by means of craft-marketing and gate-collections.

Extending the tradition

- The Kalagram should provide an opportunity for cultural groups from the constituent states to develop/improve their techniques in the performing arts: dance, drama and music, as well as in their traditional arts & crafts. Various art-forms in the contemporary idiom will also be promoted as part of the Kalagram cultural programmes.

An attempt should be made to make the complex economically self-sufficient over the years by means of craft-marketing and gate-collections.

4. Scope:

- The proposed project on designing a Tourist Destination.
- The Kalagram will provide an opportunity for cultural groups from the constituent states to develop/improve their techniques in the performing arts: dance, drama and music, as well as in their traditional arts & crafts.
- Various art-forms in the contemporary idiom will also be promoted as part of the Kalagram cultural programmes.
- Kalagram will provide an opportunity to the craftsmen to share, interact, learn, teach and sell their arts and handicrafts directly to the people and art lovers without a middleman.

5 Site detail:

Area - 5.27 Acre

Site Location-

The site is located in Mehrauli, New Delhi. It is approached by Mehrauli- Badarpur road leading towards Garden of Five Senses. Site is located opposite to this garden which is used as car parking area at present by the visitors of the garden.

Client- Delhi Tourism & Travel Development Corporation (DTTDC)

Project type- Art & Craft Centre

Current status- Proposed



6. Project Requirements:

- 1-Administrative Block
- 2-Open-Air-Theatre
- 3-Auditorium
- 4-Exhibition centre
- 5-Art Gallery
- 6-Workshops for Artists
- 7-Craft Shops
- 8-Dormitories
- 9-Food court
- 10-Ticketing booth

7. Case Studies:

Case studies will be done of the projects similar to the proposed project. These case studies will give the idea of the spaces relationship and the design feasibility.

- Dilli Haat Pitampura, New delhi , india
Dilli Haat INA, Delhi, India
Site Area: 2.9 Hectares (7 acre)
Built-up Area: 29,000 sqm.

8. Reason to select the topic:

- Today everyone is diverted towards modern things and plastic resources so I want a place which will enhance the Indian culture.
- This will provide a place where all the Designs and culture of India are shown in smalls shops and halls as per requirement.
- In today's life children don't have knowledge about Indian culture so this place will provide knowledge to them also.
- Life is so busy in day today life so this can be a entertainment hub for the peoples.

INTRODUCTION

- 1- IN ORDER TO PROVIDE LOCAL CRAFTS' MEN AND WOMEN THE DIRECT ACCESS TO MARKET, IMPROVE THEIR INCOME AND TO PROVIDE A MORE WHOLESOME AND MORE MARKET SUPPORT & ORGANIZED SERVICES, KALAGRAMS ARE A GOOD MEANS.
- 2- IN INDIA, WHERE THERE IS ABUNDANCE OF CULTURAL AND HERITAGE ART EXISTS, AT THE SAME TIME IT IS DYING DUE TO FINANCIAL WEAKNESS OF THE CRAFTSMEN.
- 3- KALAGRAM, ARTS AND CRAFTS VILLAGES, ETC. ARE BEING DEVELOPED NOT ONLY TO SUPPORT LOCAL ARTISANS BUT ALSO TO STRENGTHEN THE TRADITIONAL FORMS OF ARTS AND CRAFTS.
- 4- KALAGRAM SHALL FACILITATE THE CRAFTS MAN AND EXPERTS FROM THE FIELD OF CRAFT PRACTICE TO EXCHANGE KNOWLEDGE, BUILD BUSINESS AND TECHNICAL CAPACITIES THAT ENRICH CRAFT TRADITIONS WHILE ENSURING IMPROVED LIVELIHOODS AND INCOMES.

SCOPE

- 1- THE PROGRAM FOCUSES ON TRADITIONAL ART AND CRAFT, RECREATION OF TRADITIONAL ARCHITECTURE, CREATION OF A CRAFTS VILLAGE ETC.
- 2- THE KALAGRAM WILL BE A UNIQUE AND MOST POPULAR PICNIC SPOT IN THE BEAUTIFUL NATURAL SURROUNDINGS OF HISTORICAL STRUCTURES EXISTING NEARBY & BEAUTIFULLY LANDSCAPED GARDENS.
- 3- THE LIVE PERFORMANCES OF INDIAN FOLK WILL MAKE THE PROJECT MORE ENCHANTING. THE TOURISTS AND THE VISITORS HERE WILL DEFINITELY ENJOY THE ART OF MAKING ARTIFACTS, ENJOY INFORMAL DISCUSSION WITH ARTISANS & WOULD LOVE TO PARTICIPATE IN FOLK- DANCE PERFORMANCES. THE FACILITY OF CONDUCTED TOURS FOR SCHOOL & COLLEGE STUDENTS, SENIOR CITIZENS & OTHERS WILL MAKE THIS DESTINATION EASILY ACCESSIBLE.
- 4- TO UNDERSTAND THE VERNACULAR ART AND ARCHITECTURE.
- 5- TO EXPLORE THE SCOPE OF INDIGENOUS MODERNITY.
- 6- TO DEVELOP MY UNDERSTANDING OF PUBLIC SPACE PLANNING.
- 7- THE PROPOSED PROJECT ON DESIGNING A TOURIST DESTINATION.
- 8- STATES TO DEVELOP/IMPROVE THEIR TECHNIQUES IN THE PERFORMING ARTS: DANCE, DRAMA AND MUSIC, AS WELL AS IN THEIR TRADITIONAL ARTS & CRAFTS.
- 9- KALAGRAM WILL PROVIDE AN OPPORTUNITY TO THE CRAFTSMEN TO SHARE, INTERACT, LEARN, TEACH AND SELL THEIR ARTS AND HANDICRAFTS DIRECTLY TO THE PEOPLE AND ART LOVERS WITHOUT A MIDDLEMAN.

AIMS & OBJECTIVE

- 1- THE PRINCIPAL AIM OF THE PROJECT IS TO EDUCATE THE PEOPLE ABOUT THE VALUE OF THEIR RICH CULTURAL HERITAGE AS EMBODIED IN THE ARTS AND CRAFTS AND OTHER FOLK TRADITION OF THE REGION.
- 2- TO CREATE AN ENVIRONMENT FOR THE PRESERVATION OF THE TRADITIONAL CRAFTS WHICH ARE FAST DYING DUE TO THE ONSLAUGHT OF INDUSTRIAL PRODUCTS.
- 3- IN ORDER THAT THE KALAGRAM ATTRACTS LARGE NUMBER OF PEOPLE, IT WOULD BE NECESSARY TO PROVIDE DIFFERENT FORMS OF RECREATION.
- 4- THE KALAGRAM SHOULD PROVIDE AN OPPORTUNITY FOR CULTURAL GROUPS FROM THE CONSTITUENT STATES TO DEVELOP/IMPROVE THEIR TECHNIQUES IN THE PERFORMING ARTS: DANCE, DRAMA AND MUSIC.

ON SITE CONSIDERATION

SITE LOCATION:

THE SITE IS LOCATED IN SAIYAD UL AABI VILLAGE OPPOSITE SAKET NEAR THE MEHRAULI HERITAGE AREA SOUTH DELHI.

CLIENT: DELHI TOURISM & TRAVEL DEVELOPMENT CORPORATION
PROJECT TYPE: ART & CRAFT CENTRE

AREA: 5.27 ACRE

SITE DIMENSION: THE SITE IS IRREGULAR IN SHAPE.
THE DIMENSION ARE 268M (N) 184M (E) 116M (W) 98M (S)

EXISTING FEATURE: THE SITE CONSIST OF: WILD GRASSES TREES ARE PRESENT- BABOOL TREES, KIKAD TREE GUARD ROOM, LARGE PLATFORM, MAIN GATE & GREEN ROOM ARE PRESENT.

TOPOGRAPHY: CONTOUR SITE
LANDUSE: THE LANDUSE OF SITE IS

LOCATION

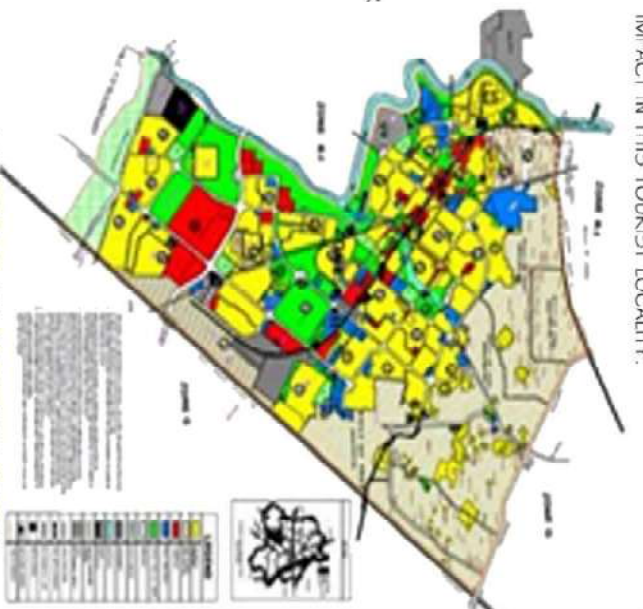


PROPOSED SITE CONDITION



ABOUT MEHRAULI (DELHI)

MEHRAULI IS A TOURIST PLACE AS IT HAS MANY TOURIST SPOTS AS QUTUB MINAR COMPLEX, ROJAN KI BAULI, HAUZE SAMSI, YOG MAYA TEMPLE, BHOO BHULAIYA, JAN MANDIR, JAHAAZ MAHAL, MEHRAULI AGRICULTURAL PARK AND GARDEN OF FIVE SENSES. SO KALA WILL MAKE AN IMPACT IN THIS TOURIST LOCALITY.



MASTER PLAN OF DELHI (2021)



PROPOSED SITE

KALAGRAM

JANMEJAY SINGH 1150101034
SCHOOL OF ARCHITECTURE

THESIS GUIDE - AR DEEPTI SAGAR

SITE STUDY

OFF SITE CONSIDERATION

SITE APPROACH MEHRAULI BADHPUR ROAD LEADING TOWARDS GARDEN OF FIVE SENSES. SITE IS LOCATED OPPOSITE TO THE GARDEN. KALAGRAM APPROCH ROAD IS 10M WIDE WESTEND MARG.

TRANSPORT:

NEAREST RAILWAY STATION-1.6KM NEW DELHI RAILWAY
NEAREST BUS STOP-22.8KM MAHARANA PRATAP SBT.
NEAREST AIR PORT-1.4.1KM IGI AIRPORT NEW DELHI.
NEAREST METRO STATION-2.5 KM SAKET,
3.3KM QUTUB MINAR METRO STATION.

SITE SURROUNDING



FOREST LAND

FIVE SENSES OF GARDEN

LANDMARK

THE GARDEN OF FIVE SENSES
SAKET METRO STATION
INDIAN GARDEN PARK



CLIMATE DATA

TTTTE CLIMATE ANALYSIS ON THE SITE SHALL INFLUENCED THE FOLLOWING ASPECTS IN DESIGN OF THE BUILDING LIKE , ORIENTATION OF THE BUILDING , PROTECTION FROM SUN EXPOSURE, COOLING & HEATING DEVICES AND CHOICES OF MATERIAL.

SEASONS :-

- MAINLY THREE SEASONS OCCURS :-
- HOT & DRY CLIMATE (MARCH - JUNE)
- WARM & HUMID (JULY - SEPTEMBER)
- COOL & DRY (OCTOBER - FEBRUARY)
- 1. MAXIMUM TEMPERATURE :-39.8°N THE MONTH OF MAY.
- 2. MINIMUM TEMPERATURE :-
- 7. 6 °C IN THE MONTH OF JANUARY.
- 3. AVERAGE TEMPERATURE :-31°C IN THE MONTH OF JUNE.

PRECIPITATION (MM) :-

- MAXIMUM :- 230MM, AVERAGE RAINFALL FOR 16 DAYS (JULY)
- MINIMUM :- 9MM, AVERAGE RAINFALL FOR 1 DAY (NOVEMBER)
- AVERAGE :- 120MM, RAINFALL FOR (SEPTEMBER)

WIND DIRECTION :-

- THE WINDS DIRECTION IS N-W TO S-E.
- IN WINTERS COLD & DRY WINDS FROM N-W.
- IN SUMMERS HOT & DUSTY ATMOSPHERE IN MAY- JUNE.
- AVERAGE WIND SPEED
- IN THE MONTH OF MAY & JUNE.
- DAY LENGTH (HOURS):-
- IN THE MONTH OF JUNE.
- AVERAGE SUNLIGHT HOURS /DAYS:-
- IN THE MONTH OF NOVEMBER.

CLIMATE CONDITIONS:-

- ALL SURROUNDING AREAS USE LOW HEIGHT OF TREES
- THERE IS NO SHADOW DUE TO LONG DISTANCE DEVELOPMENT AREA AROUND THE SITE .
- THE SITE IS SURROUNDED BY THE FOREST LAND.
- SUN MOVEMENT :-
- THE SUN MOVES EAST TO WEST VIA SOUTH DIRECTION.
- THE SUN AFFECTS THE SITE OR BUILDING FEATURES LIKE ORIENTATION, SOLAR DESIGN FEATURES AND ETC.

SITE CONDITION



GREEN ROOM ON SITE



BIG PLATFORM AND GUARD ROOM



CONDITION OF PROPOSED SITE



FIVE SENSES GARDEN BOUNDARY WALL



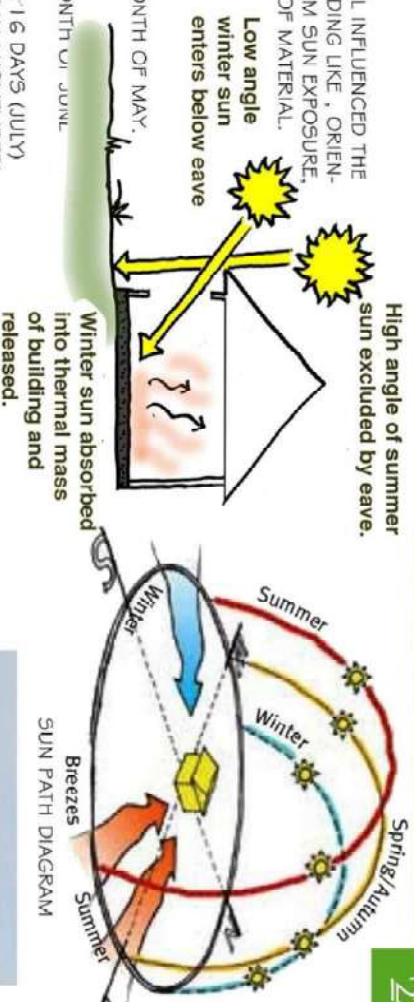
ELECTRIC POLE

SERVICES

- ELECTRIC POLE
- ELECTRIC POLE ARE RUNNING ALONG THE SIDE
- SEWER LINE
- SEWER LINE ARE RUNNING ALONG THE ROADS UNDER THE PATH WAY
- WATER
- WATER SUPPLY PROVIDED BY MUNICIPAL CORPORATION DELHI.
- WATER LEVEL-300 TO 400 FEET.

INFERENCES

- WEAKNESS
- ACCESS TO THE SITE CAN CAUSE TRAFFIC HAZARDS TO THE HIGHWAYS.
- STRENGTH
- ALL SERVICES ARE PRESENT NEAR SITE DUE TO HERITAGE SITE THE GARDEN OF FIVE SENSES VISITORS ARE COMING TO VISIT TWO PLACE GARDEN OF FIVE SENSES AND KALAGRAM



KALAGRAM

JANMEYAY SINGH 1150101034
SCHOOL OF ARCHITECTURE

THESIS GUIDE -AR DEEPTI SAGAR

SITTE STUDDY

INTRODUCTION

LOCATION: KIDWAI NAGAR, OPPOSITE INA MARKET, NEW DELHI

DATE OF COMPLETION: DECEMBER 1993

CLIENT: DELHI TOURISM & MUNICIPAL CORPORATION OF DELHI

ARCHITECT: PRADEEP SACHDEVA, DESIGN ASSOCIATES, NEW DELHI

SITE AREA: 6ACRES, APPROX. 1 COM x 300M BUILT UP AREA: 3190 SQM

GROUND COVERAGE: 1.2%

1-DILLI HAAT IS A PROJECT OF DELHI TOURISM & NEW DELHI MUNICIPAL CORPORATION. IT PROVIDES AN AMBIENCE OF A TRADITIONAL VILLAGE MARKET FOR MORE CONTEMPORARY NEEDS. IT PROVIDES A SYNTHESIS OF CRAFT, FOOD AND CULTURAL ACTIVITIES.

2-DILLI HAAT IS NOT JUST A MARKET PLACE; IT HAS BEEN VISUALIZED AS A SHOWPECE OF TRADITIONAL INDIAN CULTURE- A FORUM WHERE RURAL LIFE AND FOLK ART ARE BROUGHT CLOSER TO AN URBAN CLIENTELE.

3-A SMALL FOOD COURT WHICH BRINGS A VARIETY OF CUISINES OF DIFFERENT STATES TOGETHER
4- THESE SHOPS CHANGE HANDS EVERY 15 DAYS AND THEREFORE PROVIDE OPPORTUNITY TO THE VISITORS WITH A DIFFERENT SET OF SHOPS PERIODICALLY AND THEREFORE MOTIVATES THEM TO KEEP REVISITING AGAIN AND AGAIN.

LOCATION



LOCATION: KIDWAI NAGAR, OPPOSITE INA MARKET, NEW DELHI

CONNECTIVITY

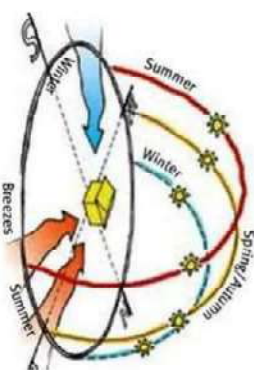
DISTANCE FROM NEW DELHI RAILWAY STATION- 9 KM

DISTANCE FROM I.N.A. METRO STATION- 500 M

DISTANCE FROM INDIRA GANDHI INTERNATIONAL AIR PORT- 12.3 KM

DISTANCE FROM ISBT KASHMERE GATE- 15 KM

CLIMATE



SUN PATH

CLIMATE: COMPOSITE

AVERAGE TEMP:- 25 DEGREE CELSIUS

ANNUAL RAIN FALL:- 693 MM

SITE CONDITION

1-THE OVER ALL AREA AVAILABLE WAS APPROXIMATELY 100M X 300 M. THE SITE ITSELF POSED UNUSUAL CONSTRAINTS, LIKE THE NALLAH RUNNING THROUGH THE ENTIRE LENGTH. THE NALLAH WAS COVERED WITH R.C.C. SLAB BUT IT WAS NOT ALLOWED TO CONSTRUCT ANY STRUCTURE OVER IT AS IT NOT BEEN DESIGNED TO TAKE SUCH LOADS. THE TWO SIDES OF THE NALLAH HAD BEEN FILLED UP WITH SOIL, NECESSITATING FOUNDATION AS MUCH AS 8M DEEP.

2-IT IS SITUATED ON SRI AURBINDO MARG AND RIGHT OPPOSITE THE BUSY INA MARKET.

3-DILLI HAAT IS A WELL CONNECTED, HIGHLY AMBITIOUS PROJECT IN SOUTH DELHI.

4-ABOUT 3 KILOMETERS FROM THE MAIN COMMERCIAL AREAS OF SOUTH DELHI LIKE SARAJINI NAGAR, SOUTH EXTENSION ETC.

5-IT IS SITUATED DIAGONALLY OPPOSITE TO ALL INDIA INSTITUTE OF MEDICAL SCIENCES ACROSS THE MAIN ROAD.

CIRCULATION



1-FROM THE ENTRANCE PLAZA TO THE END OF THE COMPLEX, THE CIRCULATION IS ENTIRELY PEDESTRIAN.
2-BY THE USE OF RAMPS & STEP, LOTS OF LEVELS HAVE BEEN CREATED TO DEFINE BUILDINGS MORE DISTINCTLY.
3-CIRCULATION IN FRONT OF SHOPS IS THROUGH A VERANDAH COVERED ARCADE.
4-THE SPACES ALSO GET VARIED CHARACTER BECAUSE THE PLAZA CHANGES CHARACTER FROM A LARGE ENTRANCE PLAZA TO AN OBLONG OPEN SPACE.
5-SERVICE ENTRANCE HAS BEEN PROVIDED AT VARIOUS POINTS ON THE PERIPHERY.

SCALE AND PROPORTION

1-SINGLE STOREY STRUCTURE.
2-THE SCALE OF THE SITE COMPARED TO THE SCALE OF THE BUILDINGS IS VERY SMALL
3-THE HUMAN SCALE IS COMPARABLE TO THE SCALE OF THE INDIVIDUAL BUILDINGS

DESIGN CONCEPT

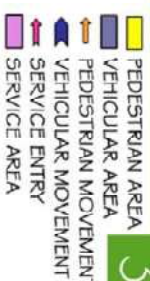
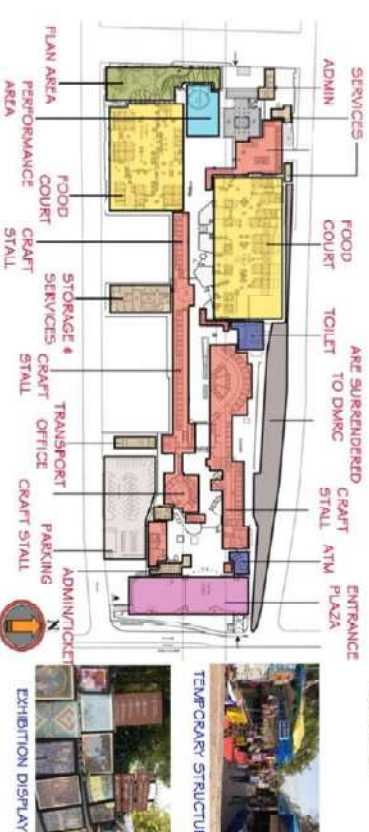
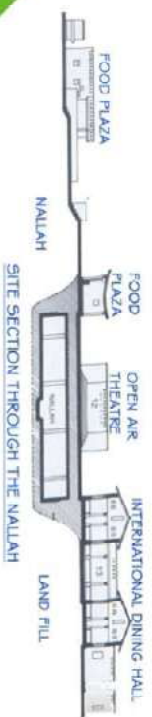
1-DESIGNER HAS TAKEN THE EFFORT TO PROVIDES THE AMBIENCE OF A TRADITIONAL RURAL HAAT OR VILLAGE MARKET,BUT ONE SUITED FOR MORE CONTEMPORARY NEEDS.
2-OPENED IN 1994 TO PROVIDE A PLATFORM TO THE ARTISANS FROM DIFFERENT PARTS OF THE COUNTRY.
3-IT CATCHES THE SPIRIT OF THE INDIAN HANDICRAFT AND CUISINE

PLANNING

1-REPETITIVE UNITS LINKED BY INTERMEDIATE SPACE.
2-INTERMEDIATE SPACE DOMINATES.
3-LINEAR ORGANIZATION AS A WHOLE.
4-SEQUENTIAL, CURVILINEAR ARRANGEMENT OF SPACES.
5-DOMINATING SPACES END THE LINEAR ARRAY.
6-SEGREGATION OF SPACES ON THE BASIS OF FUNCTIONALITY.



CURVILINEAR ARRANGEMENT



CIRCULATION SPACES



CIRCULATION SPACES



- LIGHTING FIXTURES
- TREES
- GREEN AREA
- PAVED AREA

1-A PLAZA PAVED WITH STONE AND BRICKWORK SKILLFULLY INTERSPERSED WITH GRASS, FLOWERING SHRUBS AND TOWERING EUCALYPTUS TREES PLUS A PLAY CORNER FOR CHILDREN HAVE CONJURED UP AN OASIS IN WHICH VISITORS CAN BROWSE IN THEIR LEISURE TIME.

- 1-EUCALYPTUS
- 2-GULMOHAR
- 3-BAMBOO PLANT
- 4-NEEM
- 5-FLUMERIA TREE
- 6-BOMBOO PLANT
- 7-PALM
- 2-LIGHTING FIXTURES ADDS TO THE AMBIENCE OF LANDSCAPING AS WELL AS SURROUNDINGS.
- 3-AT THE ENTRANCE PLAZA, SMALL POTS IN A LARGE NUMBER HAVE BEEN PLACED WHICH MORE OR LESS ACT LIKE A BOUNDARY WALL AND ALSO ADDS TO THE BEAUTY OF THE FRONT PLAZA.
- 4-CIRCULAR PAVING AROUND PLANTS IN ENTRANCE YARD
- 5-RAISED PLATFORMS CAN BE USED FOR DISPLAY ALSO
- 6-OPEN SEATING IS WELL DESIGNED AROUND THESE GREEN SPACES.



STONE FLOORING



OPEN SEATING SPACE



- 1-WATER SUPPLY PROVIDED BY MUNICIPAL CORPORATION DELHI.
- 2-TWO LARGE BORE WELL ARE AVAILABLE IN SITE.
- 3-DRAINAGE HAS BEEN WORKED OUT ON THE BASIS OF AREA DRAIN.
- 4-SEWAGE TREATMENT PLANT ARE AVAILABLE.
- 5-THERE IS LAGE BACK UP GENERATING CAPACITY FOR ELECTRICITY FAILURE.
- 6-SEPRATE ELECTRICAL SUB STATION.
- 6-RAMPS FOR PHYSICALLY CHALLENGED TO MOVE ALL OVER THE SITE.
- 7-GAS PIPE LINE TO EVERY FOOD STALLS KITCHEN.
- 8-MORE THAN 90 CAR PARKING FOR VISITOR AND STAFF.
- 9-MORE THAN 130 TWO WHEELERS PARKING FOR VISITOR AND STAFF
- 10-DRINKING WATER IS PROVIDED NEAR WASHROOM.
- 11-SEPRATE W/F WASHROOM PROVIDED PERIPHERY TO AVOIDS SMELL
- 12-TWO ATM PNB AND UNION BANK



OPEN FOOD COURT



KIOSK



DUSTBIN



STATE WISE FOOD STALLS

CONSTRUCTION MATERIAL

- 1-BRICK JAALI PATTERN IN PARAPET WALL
- 2-TEMPORARY STRUCTURES OF BAMBOO & FABR C ARE MADE WHOSE DESIGN CHANGES WITH CHANGE IN FESTIVAL.
- 3-ROOFS OF THE SHOPS HAVE PRECAST R.C. BEAMS OVER WHICH SANDSTONE SLABS ARE PLACED AND THEN EARTHEN POTS WITH MUD PHUSKA IS PLACED TO INSULATE AGAINST HEAT OVER WHICH BRICK TILES.
- 4-OPEN -AIR DINING TABLES ARE CONSTRUCTED IN BRICK AND CONCRETE WITH KOTA TOPS & MARBLES.
- 5-USE OF DELHI QUARTZITE IN HEAVY TRAFFIC AREA.
- 6-QUARTZ FLAGSTONE & COTA STONE WITH ORDINARY AND BRICKS ARE USED FOR EXTENSIVE PAVED AREAS.
- 7-EXPOSED BEAMS HAVE BEEN USED AS A DECORATIVE ELEMENT AND TO CONVEY STRUCTURAL CLARITY.
- 8-JAALI IN SHOP WALLS FOR VENTILATION.
- 9-USE OF SEGMENTAL AND SOLDIER ARCHES.
- 10-KOTA STONE FLOORING,STONE FLOORING, BRICK FLOORING.
- 11-SLATED ROOFING ON WOODEN BATTEN.



TEMPORARY SHOP



OPEN SPACE



ARCH

SITE SURROUNDING



INA Metro Station



- 1-IT IS SITUATED ON SRI AURBINDO MARG AND RIGHT OPPOSITE THE BUSY INA MARKET.
- 2-DILLI HAAT IS A WELL CONNECTED, HIGHLY AMBITIOUS PROJECT IN SOUTH DELHI.
- 3-ABOUT 3 KILOMETERS FROM THE MAIN COMMERCIAL AREAS OF SOUTH DELHI LIKE SARAJINI NAGAR, SOUTH EXTENSION ETC.
- 4-IT IS SITUATED DIAGONALLY OPPOSITE TO ALL INDIA INSTITUTE OF MEDICAL SCIENCES ACROSS THE MAIN ROAD.



INTRODUCTION

LOCATION: PITAMPURA NEAR TV TOWER, DELHI
DATE OF COMPLETION: MARCH 2007
CLIENT: DELHI TOURISM, DTD
ARCHITECT: PRADEEP SACHDEVA, DESIGN ASSOCIATES, NEW DELHI
SITE AREA: 7 ACERS
BUILT UP AREA: 29000 SQM
DILLI HAAT IS A PROJECT OF DELHI TOURISM & NEW DELHI MUNICIPAL CORPORATION; IT PROVIDES AN AMBIENCE OF A TRADITIONAL VILLAGE MARKET FOR MORE CONTEMPORARY NEEDS.

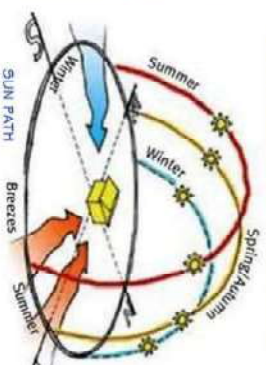
LOCATION



SITE CONNECTIVITY

DISTANCE FROM DELHI RAILWAY STATION- 1.2 KM
DISTANCE FROM I.N.A. METRO STATION- 2.1.4 KM
DISTANCE FROM KASHMERE GATE ISBT - 10.3 KM
DISTANCE FROM PITAMPURA METRO STATION- 500 M

CLIMATE



CLIMATE: COMPOSITE
TEM. RANGE: 6 TO 47 DEGREE CELSIUS
ANNUAL RAIN FALL: 693 MM

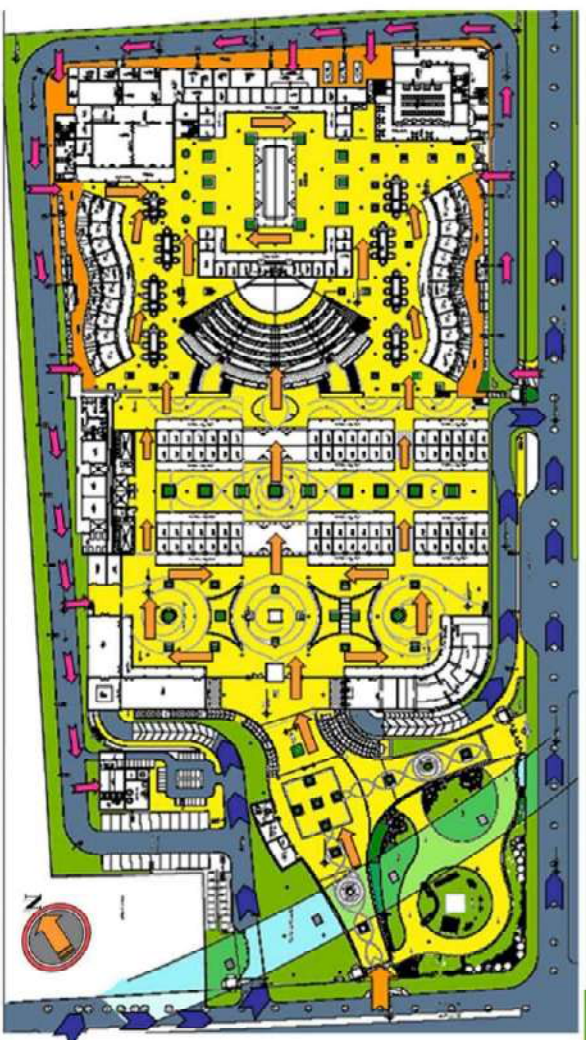
SITE CONDITION

- 1-THE SITE ITSELF POSED THE GIGANTIC TV TOWER JUST BEHIND IT, ATTACHED TO THE REAR PORTION OF THE SITE, IT WAS NOT ALLOWED TO CONSTRUCT ANY HIGH STRUCTURE DUE TO THE RAYS OF TV TOWER.
- 2-IT WAS NOT ALLOWED TO CONSTRUCT ANY HIGH STRUCTURE DUE TO THE METRO BRIDGE.
- 3-THE AREA BELOW THE METRO BRIDGE WAS INITIALLY EMPTY BUT LATER THE SITE FOR THE HAAT WAS EXTENDED BELOW THE METRO UTILIZING THE AREA AS GREEN AREA AND SITTING.
- 4-TWO COLUMN OF METRO ARE INCLUDED IN THE SITE.
- 5-THE EXISTING SITE UNDER DTD WAS SMALLER BUT LATER THE AREA UNDER THE METRO BRIDGE WAS ALSO INCLUDED TO UTILIZE THE AREA AND MAINTAIN GREEN. APPROVAL FROM METRO WAS TAKEN FOR THIS.

SITE ANALYSIS

- 1-USE OF DIFFERENT SHAPES OF BLOCKS TO SHOW DIVERSITY.
- 2-AN CENTRAL AXIS OF SYMMETRY IS CREATED STARTING FROM THE TV TOWER TO THE ENTRANCE- ALONG WHICH MIRROR IMAGES OF THE BLOCKS ARE PLACED.
- 3-PITAMPURA TV TOWER ON THE REAR SIDE OF THE HAAT. A DIRECT CENTRAL VISTA IS CREATED IN THE HAAT DUE TO ITS PLACEMENT RIGHT IN THE CENTRE.
- 4-PLACEMENT OF THE BLOCKS WAS DONE IN AN INFORMAL MANNER TO ACHIEVE AN INTERACTIVE ENCLOSED SPACE

CIRCULATION



- PEDESTRIAN MOVEMENT
- PEDESTRIAN AREA
- VEHICULAR MOVEMENT
- VEHICULAR AREA
- SERVICE ENTRY
- SERVICE AREA
- GREEN AREA



METRO LINE INSIDE DILLI HAAT



NIGHT VIEW



TV TOWER



ENTRANCE FORTY



EXIT

CHIEF POST/ GUARD ROOM

ENTRY

ENTRY PLAZA SHOWING ENTRANCE AND EXIT FROM THE HAAT COMPLEX WITH CHECK POST

DILLI HAAT

PITAMPURA NEW DELHI

JANMEY SINGH 1150101034

SCHOOL OF ARCHITECTURE

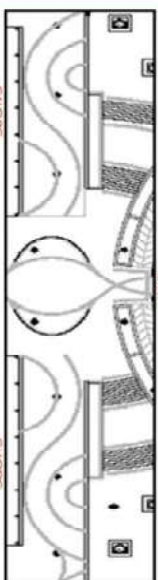
KALAGRAM

THESIS GUIDE -AR DEEPTI SAGAR

CASE STUDY

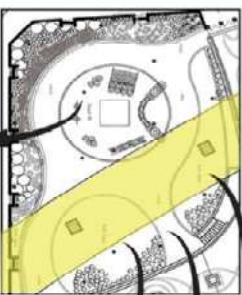
LANDSCAPING & VEGETATION

- 1-A PLAZA PAVED WITH STONE AND BRICKWORK SKILLFULLY INTERSPERSED WITH GRASS, FLOWERING SHRUBS. PLANTS AVAILABLE AT DELHI HAAT ARE:
GULMOTIAR
BAMBOO PLANT
NEEM
PLUMERIA
- 2-THE LANDSCAPE OF THE AREA INCORPORATES COLORFUL FLOWERING 5-SHRUBS AND TREES. THUS THE ENTIRE COMPLEX IS IN HARMONY WITH THE ENVIRONMENT
- 3-SHRUBS ARE USED AT THE BOUNDARY AND IN LAWNS BORDER FOR BEAUTIFICATION, ALSO TO COVER THE REAR SIDE OF THE SHOPS



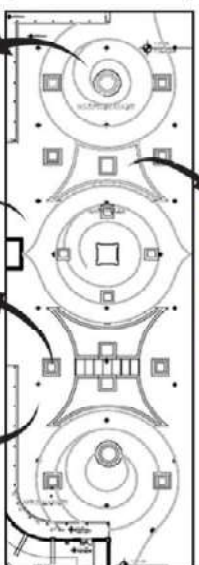
PLAN SHOWING PAVING PATTERN DONE IN CORRIDORS & MOVEMENT CHANNELS

- 4-THE TOWER SHAPED LIGHTING FIXTURES ADDS TO THE AMBIENCE OF LANDSCAPING AS WELL AS SURROUNDINGS
- 5-SEATING HAS BEEN CREATED AT THE EDGES OF THIS LONG STRETCH WHERE PEOPLE USUALLY SIT AFTER GETTING TIRED. THIS GIVES THE FEELING OF SITTING ON A STREET SQUARE WHERE PEOPLE SIT TOGETHER AND INTERACT WITH EACH OTHER



SAND PIT & PLAY AREA
AREA BELOW THE METRO LINE & OUTSIDE THE COMPLEX MAIN ENTRANCE IS USED AS GREEN AREA WITH SIT OUTS

- 6-SEATING HAS BEEN CREATED AT THE EDGES OF THIS LONG STRETCH WHERE PEOPLE USUALLY SIT AFTER GETTING TIRED. THIS GIVES THE FEELING OF SITTING ON A STREET SQUARE WHERE PEOPLE SIT TOGETHER AND INTERACT WITH EACH OTHER.
- 7-GRASSING ON OAT STEPS.
- 8-THE TOWER SHAPED LIGHTING FIXTURES ADDS TO THE AMBIENCE OF LANDSCAPING AS WELL AS SURROUNDINGS.
- 9-PLATFORM AROUND PLANTER.



SERVICES

- 1-THERE IS A LARGE BACK-UP GENERATING CAPACITY FOR ELECTRIC FAILURES.
- 2-GAS-PIPES, FLAME-PROOF CYLINDER LOOKING SPACES, KITCHEN EXHAUSTS.
- 3-THE PUBLIC TOILETS ARE PLACED AT THE PERIPHERY CORNERS.
- 4-DRAINAGE HAS BEEN WORKED OUT ON THE BASIS OF AREA DRAINING. THESE AREA DRAINS ARE CONNECTED TO STORM WATER DRAINS WHICH ENDS INTO THE MUNICIPAL SEWER LINES THAT RUN ALONG THE LINEAR LENGTH OF THE SITE.
- 5-SERVICE ENTRY FROM SIDE OF THE SITE FOR SERVICES.
- 6-DUSTBINS PROVIDED ON REGULAR INTERVALS ON SITE.
- 7-FIRE CABIN LOCATED ON REGULAR INTERVALS.
- 8-3 DG SET 250 KVA.
- 9-SERVICE AREA BEHIND THE FOOD COURTS.
- 10-GUARD ROOMS PROVIDED ON ALL GATES.
- 11-PROPER LIGHTING ON WALLS & PLANTS ALSO HIDDEN BY PLANTS.
- 12-SERVICE BLOCKS CAN BE PLACED ON THE OUTER PERIPHERY OF THE SITE ACCESSING FROM THE SERVICE LANE WITHOUT HINDERING THE SHOPPING AREA.
- 13-SEWAGE TREATMENT PLANT ARE PROVIDED.
- 14-ELECTRIC SUB STATION ARE PROVIDED.
- 15-PUMP ROOM ARE PROVIDED.
- 16-SERVICE LANE ALSO GIVES THE
- 17-RAMP PROVIDED FOR OAT
- 18-RAMPS PROVIDED FOR EVERY RAISE OR DROP IN LEVEL
- 19-RAMPS WITH GRAB BARS FOR PHYSICALLY HANDICAPPED AT 2 LEVELS. SLOPE: 1:8

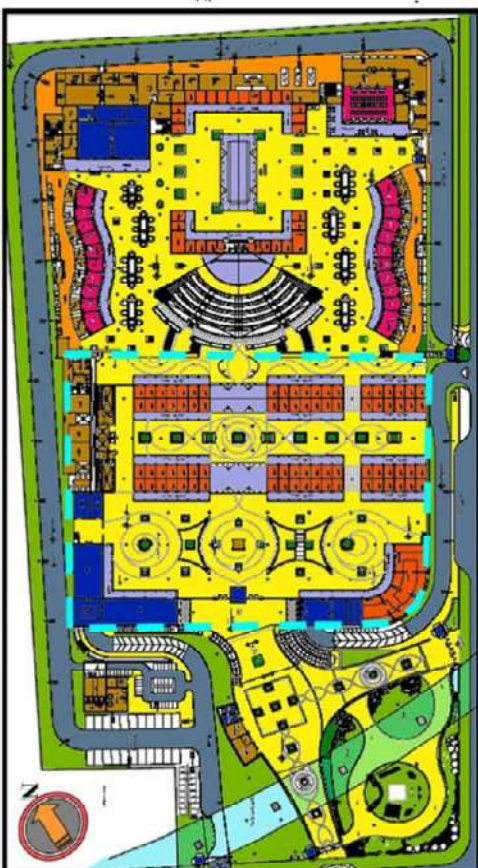
PARKING

- BASEMENT PARKING:**
MORE THAN 350 CARS PARKING FOR VISITORS & STAFF AND MORE THAN 130 TWO WHEELERS PARKING FOR EXHIBITORS, STAFF & VISITORS

SITE SURROUNDING



PLANNING



LEGEND :-

- SHOPS
- ADMINISTRATION
- FOOD JOINTS
- SERVICES
- PAVILIONS
- BASEMENT



PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

SEATING

PLANTER

PLANTER

SEATING

PLANTER

INTRODUCTION

AVADH SHILPGRAM PROJECT IS DESIGNED FROM INSPIRATION OF CULTURAL, POLITICAL, COMMERCIAL AND ENTERTAINMENT ACTIVITIES OF PEOPLE. THIS IS BUILT WITH A MOTIVE TO KEEP THE WARMTH OF LAKHNAVI MARKETS AND CULTURE ALIVE AND TO KEEP THE MEMORIES OF STREETS OF THE CITY ALIVE.

PROJECT DETAILS:

LOCATION: AVADH SHILPGRAM, AVADH VIHAR YOJNA, NEAR SHAHEED PATH, LUCKNOW

DATE OF COMPLETION: 2016

CLIENT: AVAS EVAM VIKAS PARISHAD

ARCHITECT:

SITE AREA: 20.02 ACRE

BUILT UP AREA: 29784 SQM

GROUND COVERAGE:

PARKING

NO OF CARS- 1000
NO OF 2 WHEELERS- 2000
NO OF HANDICAP PARKING- 12
NO OF SERVICE TRUCKS- 04

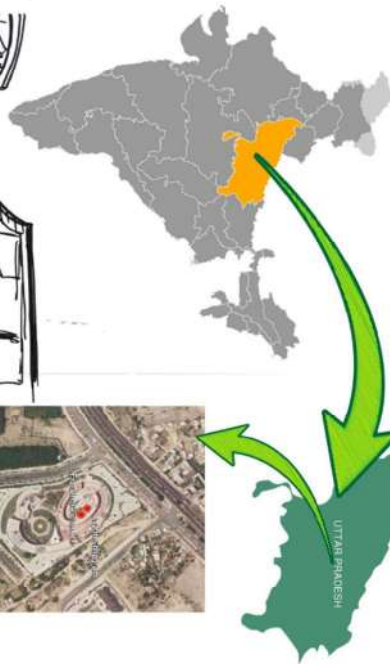
CLIMATE ANALYSIS

CLIMATE: COMPOSITE
WIND DIRECTION: NORTH-WEST

SITE ACCESSIBILITY

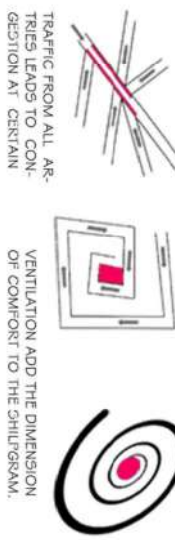
TRANSPORT NAGAR METRO STATION (10.6 KM)
AWADH SHILPGRAM BUS STAND (3.3 KM)
CHARBAGH RAILWAY STATION (13.3 KM)
CH. CHARAN SINGH INTERNATIONAL AIRPORT (11.8 KM)

SITE LOCATION

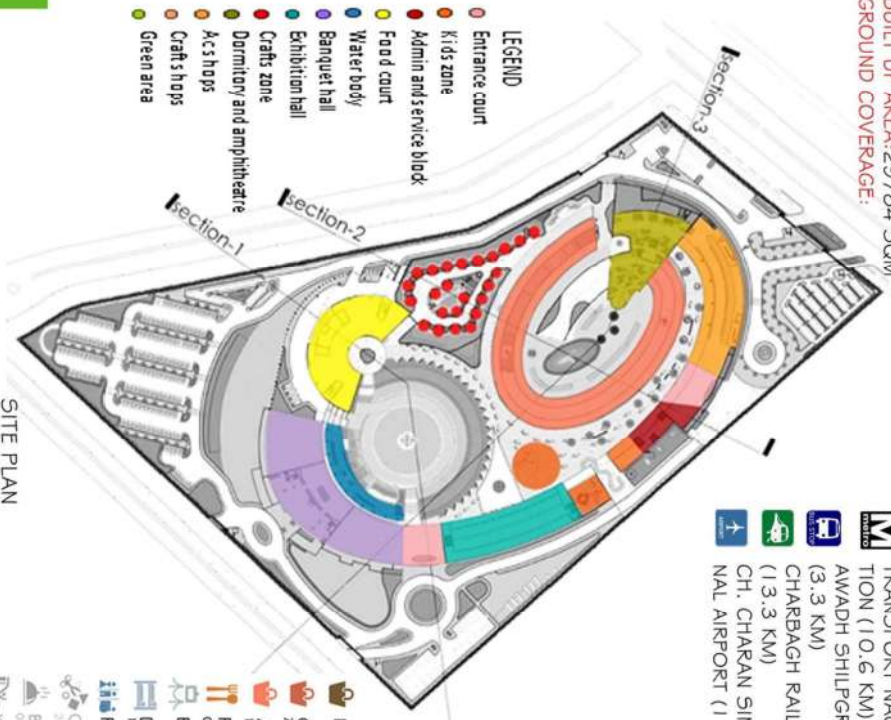


PLANNING CONCEPT

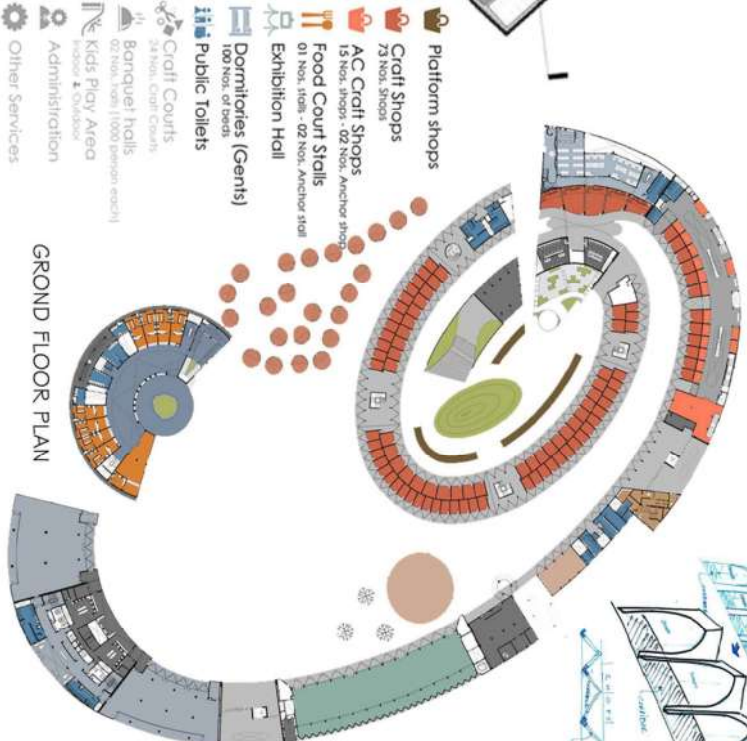
1- AN ELLIPTICAL FORM ENABLES A SMOOTH CORNER-FREE CIRCULATION.
2- ITS VOCABULARY IS CONTEMPORARY YET ROOTED IN HISTORY AND TRADITIONS OF THE PAST
3- ADEQUATE DAY LIGHT AND PROPER AIR CIRCULATION THROUGH CROSS-VENTILATION ADD THE DIMENSION OF COMFORT TO THE SHILPGRAM.



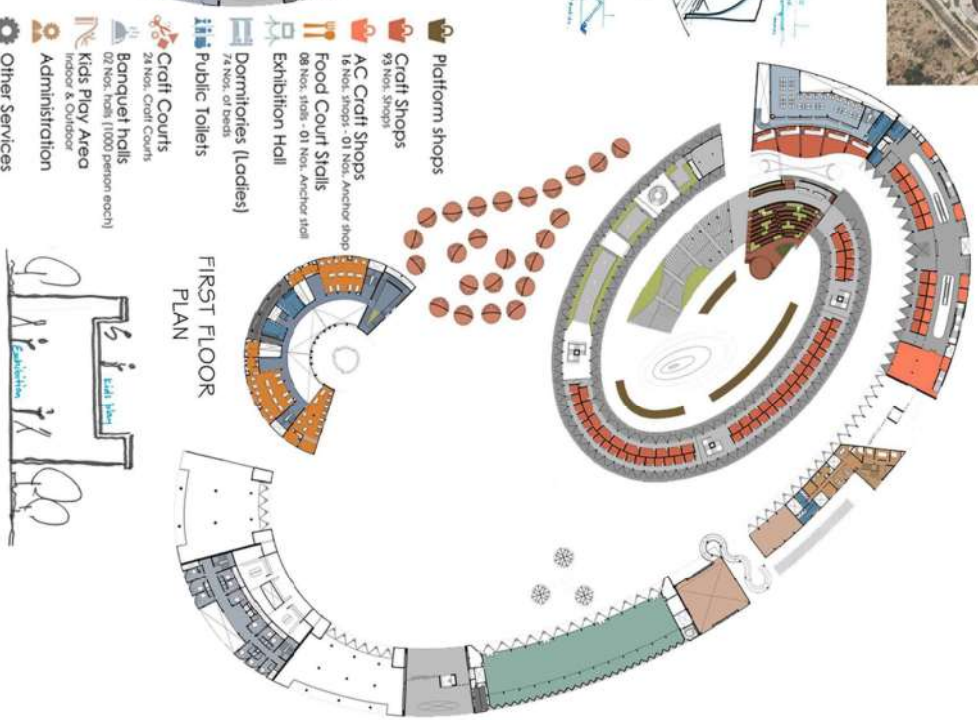
FLOOR PLAN



SITE PLAN



GROUND FLOOR PLAN

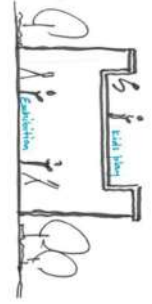


FIRST FLOOR PLAN

- LEGEND**
- Entrance court
 - Kids zone
 - Admin and service block
 - Food court
 - Water body
 - Banquet hall
 - Exhibition hall
 - Crafts zone
 - Dormitory and amphitheatre
 - Ac's shops
 - Craft's shops
 - Green area

- Platform shops
- Craft Shops
- AC Craft Shops
- Food Court Stalls
- Exhibition Hall
- Dormitories (Gents)
- Public Toilets
- Craft Courts
- Banquet halls
- Kids Play Area
- Administration
- Other Services

- Platform shops
- Craft Shops
- AC Craft Shops
- Food Court Stalls
- Exhibition Hall
- Dormitories (Ladies)
- Public Toilets
- Craft Courts
- Banquet halls
- Kids Play Area
- Administration
- Other Services



AVADHSHILPGRAM
SHAHEED PATH, LUCKNOW
JANMEJAY SINGH 1150101034
SCHOOL OF ARCHITECTURE

KALAGRAM

FOOD OPEN AIR TUESDAY INTERNATIONAL DINING HALL

THESIS GUIDE - AR DEEPTI SAGAR

LITTERATURE STUDY

ARCHES :-

THE ARCH, BEING AN IMPORTANT ARCHITECTURAL ELEMENT OF THE ARCHITECTURE OF THE CITY OF LUCKNOW, IS INTRODUCED AS A SKIN JALI :-

1-THE ZIGZAG FORM OF JAALI ARCHES IS DERIVED BY MODIFYING THE BASIC LINES OF TRADITIONAL MUGHAL ARCHES FROM WHICH ONE CAN PASS THROUGH IN THE CORRIDORS

2-THE STEEL STRUCTURE IS CLAD WITH RED AGRA SAND STONE IN A JAALI PATTERN WITH THE RENOWNED LUCKNOWI EMBROIDERY CRAFT CALLED 'CHIKAN KARI'.

CRAFTS COURT :-

1-THE CRAFT COURT AT SHILPGRAM IS COMPLETELY ECO-FRIENDLY WITH NO USE OF CHEMICAL PAINTS. MOREOVER, A GREEN COVER ON THE ROOF OF THE SHOPS ACTS AS A NATURAL AIR- CONDITIO- NER. THE STONE MASONRY AND AGRA RED STONE USED IN THE CONSTRUCTION ACT AS COOLING AGENTS.

2-A CLUSTER OF STONE-WALLED STRUCTURES WITH ROUNDED TURF- COVERED ROOFS PROVIDE DEMONSTRATION AREAS WHERE ARTI- SANS CAN CONDUCT WORKSHOPS OBSERVED BY GROUPS SEATED ON BENCHES INCORPORATED INTO THE INNER WALLS.

OBSERVATION

1-THE BUILDINGS ARE CLAD WITH RED AGRA SANDSTONE THAT HELPS TO UNIFY THEIR DIVERSE FORMS AND ALSO TO PREVENT THE SOLAR HEAT GAIN.

2-LACK OF SEATING SPACE UNDER SHADING.

3-SOLAR STREET LIGHTS ARE PROVIDED THROUGHOUT THE ENTIRE SITE TO REDUCE THE ENERGY CONSUMPTION.

4-ACCESS OF AMPHITHEATRE TO ROOF DIRECTLY COULD BE DAN- GEROUS.

5-NARROW SPACE FOR GALLERY ON 1 FLOOR.

6-UNSECURE KIDS PLAY AREA ON 1 FLOOR.

7-LACK OF PROPER SIGNAGE BOARDS ALONG WITH SUITABLE PLANS.

8-LESS SPACES FOR DRINKING WATER.

9-LESS SPACE FOR ROOMS DUE TO ELLIPTICAL PLAN OF BUILDING.

10-WELL ORIENTED BUILDING FORM.

11-NATURALLY VENTILATED

12-DORMITORIES: 100 MEN AND 75 WOMEN

13-CRAFT SHOPS : 166

14-AC CRAFTS S-HOP : 31

15-DUPLEX ANCHOR SHOPS

16-SOLAR PANEL

17-THE OPEN AREA AT THE CENTRE OF THE COMPLEX CONTAINS A STEPPED AMPHITHEATRE THAT INCORPORATES PLANTED BEDS. A PAVED RAMP PROVIDES ACCESS TO THE UPPER LEVEL, WHICH LOOKS DOWN TOWARDS THE CIRCULAR STAGE.



ARCHES



CRAFT COURT



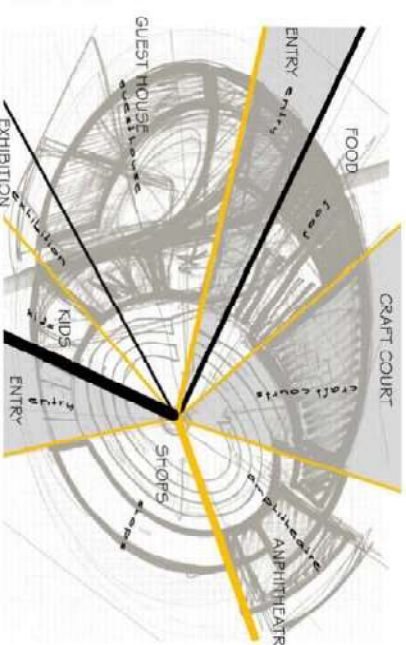
CRAFT SHOP SECTION



BIRD VIEW



ZONING MAP



NIGHT VIEW



CRAFT COURT



AMPHITHEATRE



CRAFT SHOPS



SECTION-3



SECTION -2



SECTION -1

AVADHSHILPGRAM

SHAHEED PATH, LUCKNOW

JANMEY SINGH 1150101034

SCHOOL OF ARCHITECTURE

KALAGRAM

THESIS GUIDE -AR DEEPTI SAGAR

LITERATURE STUDY

INTRODUCTION

THE SITE, A SIX-ACRE PLOT, FACING A MIDDLE-CLASS RESIDENTIAL COLONY, IS FLANKED BY A BUSY ROAD ON THE FRONT, WHILE THE SIDES HAVE A BUS DEPOT AND PRISON GREENS RESPECTIVELY. THE COMPETITION BRIEF BY DTDC COMPRISED CRAFT SHOPS, WORKSHOPS, DISPLAY AREAS, OPEN-AIR THEATRE, EXHIBITION PAVILIONS AND FOOD COURTS WITH PUBLIC FACILITIES AND PARKING AREA.

IT WAS WON BY STUDIO ARCHOHM, A YOUNG ARCHITECTURAL CONSULTANCY

ARCHITECT-AR SHAURBH GUPTA, ARCHOHM CONSULTANT
LOCATION-JANAKPURI, NEW DELHI, INDIA
AREA- 6 ACERS
PROJECT YEAR- 2014

LOCATION



DILLI HAAT
 JANAKPURI, NEW DELHI
 LAL SAI MANDIR MARG, VIRENDER NAGAR, JANAKPURI, NEW DELHI

SITE CONNECTIVITY

- DISTANCE FROM DELHI RAILWAY STATION- 1.6 KM
- DISTANCE FROM TILAK NAGAR METRO STATION-2.4 KM
- DISTANCE FROM HARINAGAR BUS STAND-4 KM
- DISTANCE FROM IGI AIRPORT - 10.6 KM

CLIMATE

DELHI HAS A COMPOSIT CLIMATE, WITH HOT SUMMERS, AVERAGE RAINFALL AND MODERATE WINTERS. THE TEMPERATURE GO UPTO 40-45° C IN SUMMERS AND 4-5° C IN WINTERS. THE ANNUAL PRECIPITATION IS ABOUT 711 MM.

WIND DIRECTION VARY WITH SEASON. PREDOMINANT WIND DIRECTIONS ARE FROM THE EITHER WEST OR NORTHWEST.

CLIMATE RESPONSE

- 1- A BELT OF TREES LIKE NEEM AND PEEPAL SURROUNDING COMPLEX SERVES AS AN EFFECTIVE NATURAL FILTERS FOR DUST AND FOR THE CHEMICAL DISCHARGE THAT POLLUTES THE ATMOSPHERE.
- 2- DUE TO PRESENCE OF TREES THE TEMPERATURE REMAINS COMFORTABLE.
- 3- BAMBOO SHADES HAVE BEEN PROVIDED IN FOOD PLAZA AS WELL AS IN ARCADE.

FACILITIES

- 1- A STATE-OF-THE-ART AUDITORIUM WITH 800-SEATING CAPACITY ALSO FORMS AN 820-CAPACITY
- 2- AMPHITHEATRE ON TOP.
- 2- 100 CRAFT SHOPS ARE ARRANGED IN CLUSTERS OF FIVE-SIX, EACH FORMING A BAZAAR.
- 3- A 960 SQ M EXPOSITION HALL FOR HOLDING SEMINARS, EXHIBITIONS.
- 4- 74 OPEN-PLATFORM SHOPS AND 46 SHOPS.
- 5- FOOD COURT WHICH HAS 30 FOOD OUTLETS SERVING INDIAN & INTERNATIONAL CUISINES.
- 6- ADDITIONALLY, THE HAAT HAS AN 80-BED DORMITORY.
- 7- ATM, TOURIST INFORMATION CENTRE, COURIER SERVICE ETC. ARE PROVIDED IN THE TOWERS.

PLANNING



NIOSK



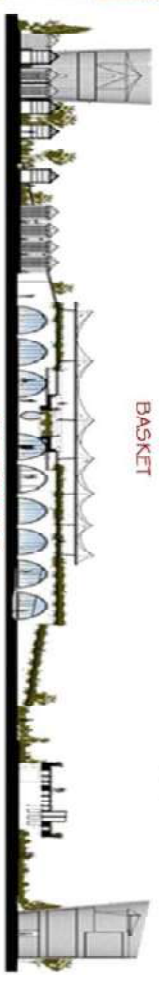
BIRD VIEW



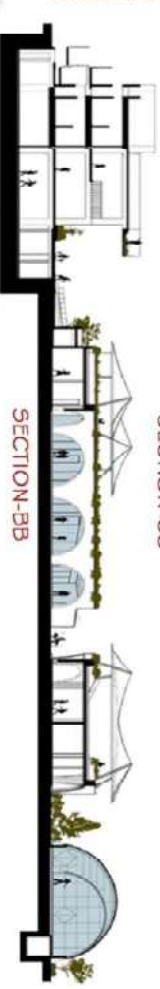
BASKET



CRAFT SHOP



SECTION-CC



SECTION-BB



SECTION-AA

DILLI HAAT

JANAKPURI NEW DELHI

JANMEY SINGH 1150101034

SCHOOL OF ARCHITECTURE

THESIS GUIDE -AR DEEPTI SAGAR

LITERATURE STUDY

COMPARISION AREA STATEMENT

FUNCTION	PLINT HAAT DANAKRIPATI, DELHI	PLINT HAAT IMR	AREA REQUIRED	AVAILABLE AREA
1 ADMINISTRATION	150 SQMT	50 SQMT	10 SQMT / PERSON	204 SQMT
2 AMPHITHEATRE	280 SQMT	150 SQMT	0.8 SQMT / PERSON	300 SQMT
3 AUDITORIUM	315 SQMT	—	1 SQMT / PERSON	450 SQMT
4 FOOD COURT	290 SQMT	1080 SQMT	WITH SERVICE 150MT/PERSON WITHOUT SERVICE 250MT	335 SQMT
5 PROMINORY	120 SQ MT	—	6 SQMT / PERSON	300 SQMT
6 RECEPTION	32 SQMT	—	9 SQMT / PERSON	50 SQMT
7 EXHIBITION	1150 SQMT	250 SQMT	1.2 SQMT / PERSON	900 SQMT
8 ART GALLERY	400 SQMT	—	1 SQMT / PERSON	650
9 CRAFT SHOP	158 SQMT	750 SQMT	—	300 SQMT
10 DIRECTOR ROOM	25 SQMT	15 SQMT	9 SQMT / PERSON	12 SQMT
11 TICKET COUNTER	155 SQMT	25 SQMT	—	20 SQMT
12 WORK SHOPS	115 SQMT	—	—	280 SQMT
13 TOILETS	86 SQMT	150 SQMT	MALE TOILET - 1 WC / 100 PERSON	100 SQMT
14 PARKING	1900 SQMT	2300 SQMT	1000/225 PERSON	2000 SQMT
15 EXHIBITION	405 SQMT	25 SQMT	1000/225 PERSON	70 SQMT
16 SHOPPING SHOP	805 SQMT	605 SQMT	FEMALE TOILET 2 WC / 100 PERSON	—
17 MEETING ROOM	130 SQMT	60 SQMT	—	—

PERMISSIBLE F.A.B - 125
PERMISSIBLE COVERED AREA - 7464.42 SQMT
PROPOSED GROUND COVERAGE - 19.52% OF TOTAL SITE
PROPOSED COVERED AREA - 4204.50 MT
PERMISSIBLE G. COVERAGE - 35%
HEIGHT - 8 MT
SET BACK - 9 MT FRONT
6 MT SIDE

PUBLIC AREA	FUNCTION -	N.D.	AREA
AMPHI THEATRE	280P	300 SQMT	
EXHIBITION AREA	1	900 SQMT	
CRAFT SHOP	30	300 SQMT	
MUSEUM	1	400 SQMT	
AUDITORIUM	1	450 SQMT	
ART GALLERY	5	650 SQMT	
FOOD COURT	1	215 SQMT	
KITCHEN	1	605 SQMT	
STORAGE	1	205 SQMT	
MALE TOILET	2	70 SQMT	
FEMALE TOILET	2	70 SQMT	
TOTAL		3455 SQMT	
CIRCULATION - 20% OF PUBLIC AREA		687 SQMT	
SEMI - PUBLIC AREA			
STORAGE / WORKSHOP			
POTTERY + STORAGE	1	405 SQMT	
WOOD CRAFT + STORAGE	1	405 SQMT	
EMERGENCY + STORAGE	1	405 SQMT	
PAINTING + STORAGE	1	405 SQMT	
STITCHING + STORAGE	1	405 SQMT	
WEAVING + STORAGE	1	405 SQMT	
FEMALE TOILET	2	205 SQMT	
MALE TOILET	2	205 SQMT	
TOTAL		2805 SQMT	
CIRCULATION - 20% OF SEMI PUBLIC AREA		561 SQMT	

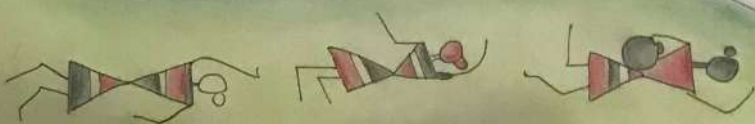
PARKING AREA
2205/1005 SQMT — 80 CAR -

ADMINISTRATION	BLOCK	AREA
RECEPTION / WAITING	1	40 SQMT
DIRECTOR ROOM + T	1	12 SQMT
ACCOUNT ROOM	1	12 SQMT
RECORD ROOM	1	10 SQMT
STORE	1	8 SQMT
TICKET COUNTER	3	205 SQMT
TOILETS	2	205 SQMT
CONFERENCE + T	1	605 SQMT
TAKE CARE + T	1	205 SQMT
SECURITY ROOM	1	205 SQMT
TOTAL		2125 SQMT
CIRCULATION - 20% OF ADMINISTRATION		425 SQMT
ACCOMMODATION		
COTTAGE FOR MALE	12	120 SQMT
TOILET	1	205 SQMT
COTTAGE FOR FEMALE	12	120 SQMT
TOILET	1	205 SQMT
DORMITORY FOR MEN	1	1305 SQMT
TOILET	1	205 SQMT
DORMITORY FOR FEMALE	1	1305 SQMT
TOILET	2	405 SQMT
TOTAL		6005 SQMT
CIRCULATION - 20% OF ACCOMMODATION		1201 SQMT

KALAGRAH

MEHRAULI, NEW DELHI

THE 5th GUIDE - AR DEPTI SAGAR
JANUARY 2004 115010 1034

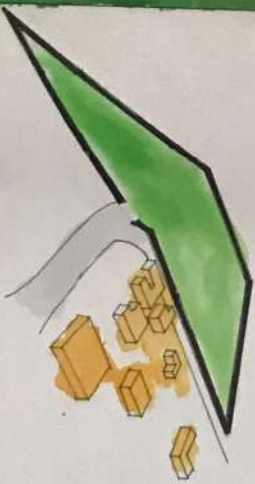


CONCEPT

INTRODUCTION

ABOUT TOPIC

- THE KALAGRAM WILL BE A UNIQUE AND MOST POPULAR PICNIC SPOT IN THE BEAUTIFUL NATURAL SURROUNDINGS OF HISTORICAL EXISTING NEARBY A BEAUTIFULLY LANDSCAPE GARPENS.



- KALAGRAM SHALL FACILITATE THE CRAFTS MAN AND EXPERTS FROM THE FIELD OF CRAFT PRACTICE TO EXCHANGE KNOWLEDGE, BUILD BUSINESSES AND TECHNICAL CAPACITIES THAT ENRICH CRAFT TRADITIONS WHILE ENSURING IM PROVED LIVELIHOOD AND INCOME.
- THE PROGRAM FOCUSES ON TRADITIONAL ART AND CRAFT, REGISTRATION OF TRADITIONAL ARCHITECTURE, CREATION OF A CRAFTS VILLAGE ETC.

AIMS & OBJECTIVE

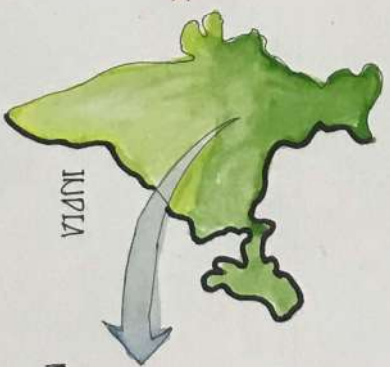
- IN ORDER TO PROVIDE LOCAL 'CRAFTS' MEN AND WOMEN THE DIRECT ACCESS TO MARKET, IMPROVE THEIR INCOME AND TO PROVIDE A MORE WHOLESOME AND MORE MARKET SUPPORT & ORGANIZED SERVICES KALAGRAM ARE A GOOD MEANS.
- IN INDIA, WHERE THERE IS ABUNDANCE OF CULTURAL AND HERITAGE ART EXIST, AT THE SAME TIME IT IS DYING DUE TO FINANCIAL WEAKNESS OF THE CRAFTSMEN.
- THE PRINCIPAL AIM OF THE PROJECT IS TO EDUCATE THE PEOPLE ABOUT THE VALUE OF THERE RICH CULTURAL HERITAGE AS EMBODIED IN THE ART AND CRAFT AND OTHER FOLK TRADITION OF THE REGION.
- THE KALAGRAM SHOULD PROVIDE AN OPPORTUNITY FOR CULTURAL GROUPS FROM THE CONSTITUTEUT STATES TO DEVELOP/IMPROVE THEIR TECHNIQUES IN THE PERFORMING ARTS - DANCE, DRAMA AND MUSIC.

SITE LOCATION

MEHRALI HERITAGE AREA, NEW DELHI
CLIENT - DELHI TOURISM
SITE APPROACH - MEHRALI BANDARPOUR ROAD LEADING TOWARDS GARPENS OF FIVE SENSES. SITE IS LOCATED OPPOSITE TO THE GARPENS. APPROACH ROAD IS 10M WIDE WESTEND MARG.
NEAREST RAILWAY STATION - 16KM, NEW DELHI
NEAREST AIR PORT - 14-1KM, IGI AIRPORT.
NEAREST METRO STATION - 2.5 KM, SAKET.

SITE CLIMATE

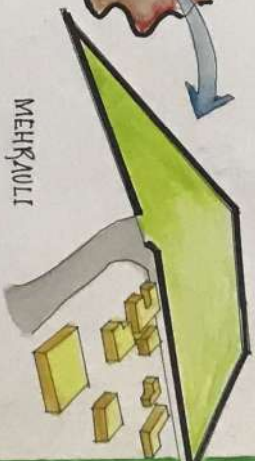
CLIMATE - COMPOSITE WITH HIGH VARIATION BETWEEN SUMMER AND WINTER.
HOT AND DUSTY WIND DURING DRY SEASONS.
MAX TEMP - 48° MOUTH OF MAY
MIN. TEMP - 3° + 5° MOUTH OF JANUARY
ANNUAL RAIN FALL - 693 MM.



INDIA



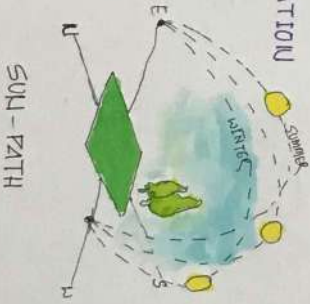
NEW DELHI



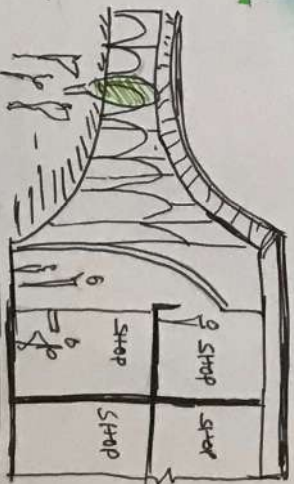
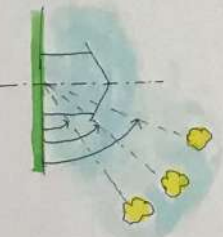
MEHRALI

MATERIAL

SLATE PAVERS -
SLATE PAVERS GIVES THE STRENGTH OF CONCRETE. WITH A UNIQUE TEXTURE AND STYLE.
IT ALSO PROVIDES SHAPE.
SAND STONE -
SAND STONE HAS BEEN USED TO FLOORING, CREATING DIFFERENT PATTERNS.
PHOLPOR STONE - FLOORING.
KOTA STONE - USED TO CONSIDOR, DRIVEWAYS, PATHWAYS
RED SAND STONE - USED TO WALL, GULLI



SUN - PATH

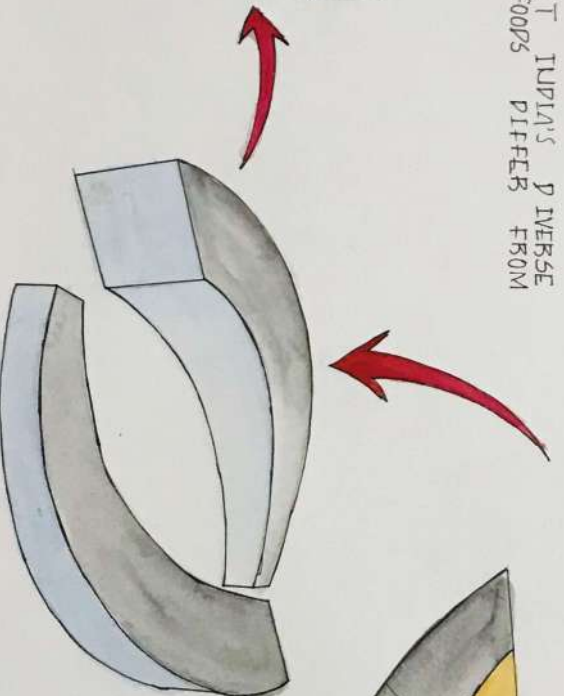
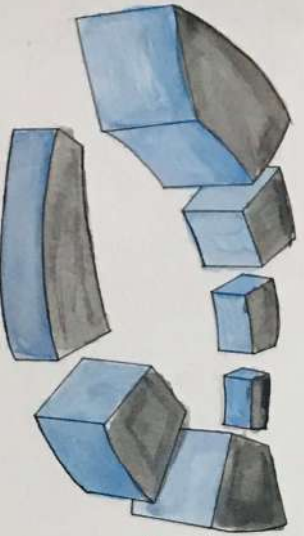


STREET VIEW



EVERY MONTH EARTH'S MOOD GOES THROUGH ITS PHASES. WAXING & WAXING IN ITS CONSTANT TRANSFORMATION. FROM NEW MOON TO FULL MOON, SIMILARLY A COMBINATION OF THESE FACTORS HAS RESULTED IN TO AN EXCLUSIVE BUILDING FORM.

THESE TRANSFORMATION REPRESENT INDIA'S DIVERSE CULTURE, LANGUAGE, TRADITION, ARCHITECTURE, FOODS DIFFER FROM PLACE TO PLACE WITHIN THE COUNTRY.



FINALIZED FORM

TRANSFORMATION (ସଂସ୍କରଣ)

THE MOON SHINES AT NIGHT BECAUSE OF SUNLIGHT THAT IS REFLECTED OFF THE SOIL. THAT'S WHY THE DIFFERENT PHASES OF MOON IS ONE OF THE BEST EXAMPLE OF TRANSFORMATION
(i.e. RUPANTRAKAR)

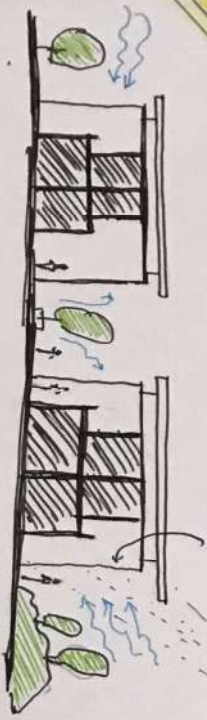


"THE MOON TEACHES US THAT THE DARKNESS CAN'T HIDE THE BEAUTY OF LIFE IF WE KNOW HOW TO REFLECT BEAUTY"

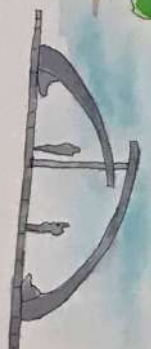
WHY?

WE HAVE SHOWN "RUPANTRAKAR" & TRANSFORMATION ON A OUR SITE BY TAKING DIFFERENT PHASES OF MOON AS IT SHOWS THE DIFFERENT NATURE OF ARTIST, THE BEAUTY IN THE ARTIST WORK.

Using of Jodi gives into Consider black Street lamp



GZLBO



indian cultural



KALAGRAM

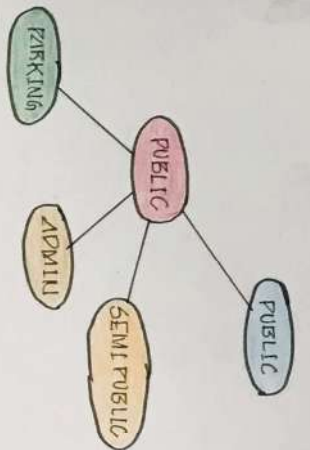
MEHRAULI NEW DELHI

THE 616 GUIDE - DR DEEPTI SAGAR,
JALUWELAY GIUGH 1150101034

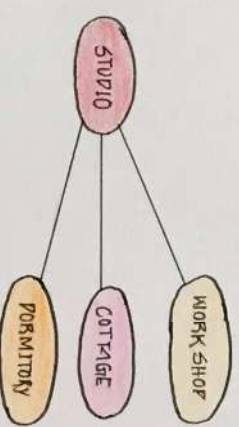
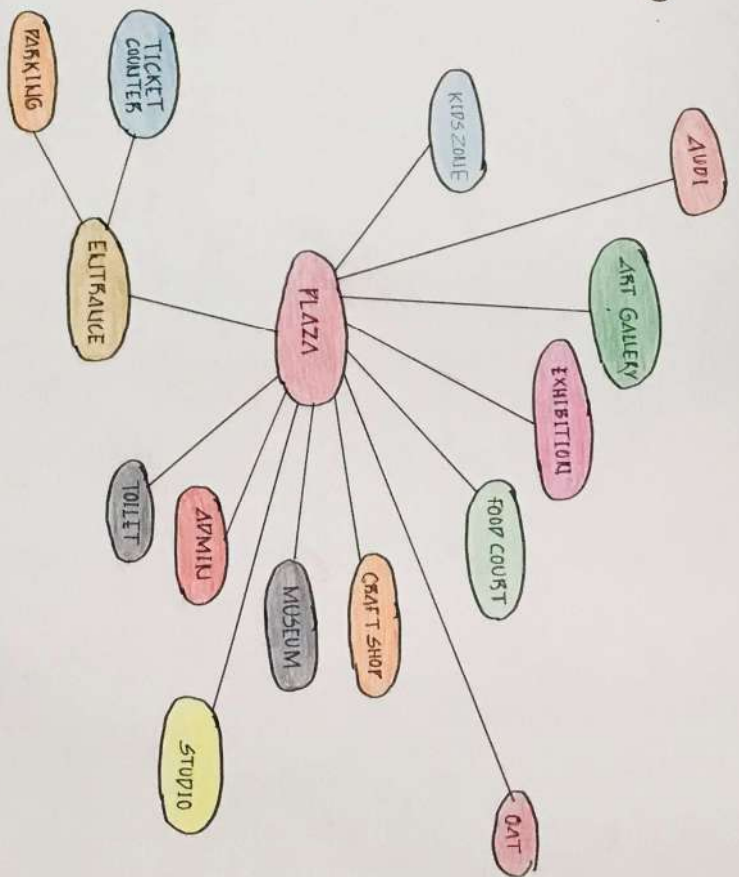
CIRCULATION.

LEGEND:-

- PEDESTRIAN MOVEMENT
- VEHICULAR MOVEMENT
- PERESTRIAN AREAS
- VEHICULAR AREAS
- GREEN AREAS
- BUILDING BLOCK



ZONING

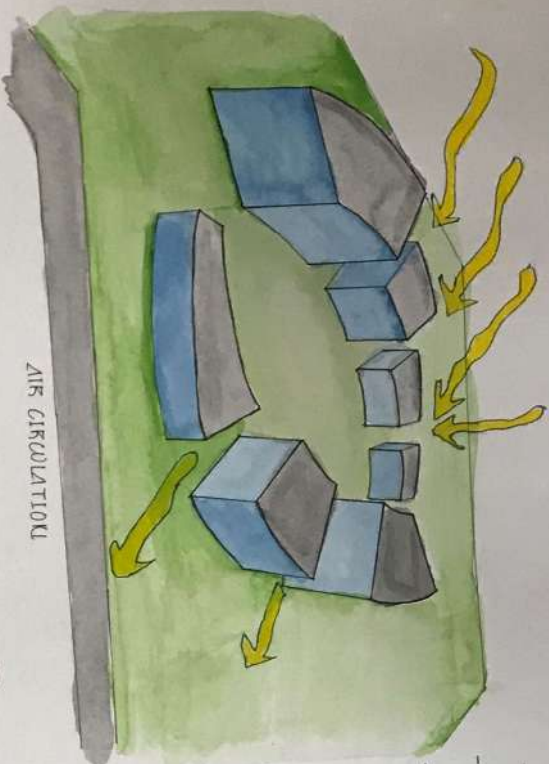


SITE CONNECTIVITY



STACKING

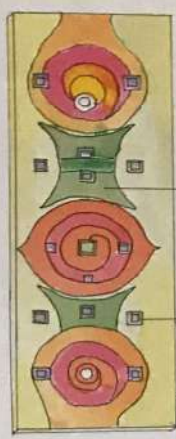
AIR FLOW



AIR CIRCULATION

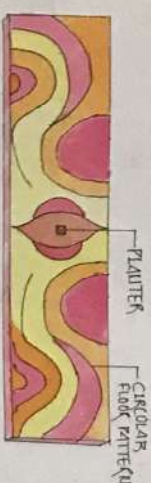
LANDSCAPE

- CIRCULAR PAVING AROUND PLANTS.
- DIFFERENT TYPE OF LIGHT FIXTURES.
- RAISED PLATFORM CAN BE USED FOR PLANTING ALSO.
- OPEN SEATING AROUND GREEN SPACES.
- WATER BODY



GREEN PATCH

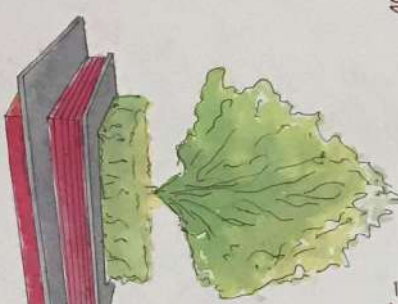
PLANTER



PLANTER

CIRCULAR FLOWER PATTERN

FLOOR PATTERN



PLANTER

KALAGRAM

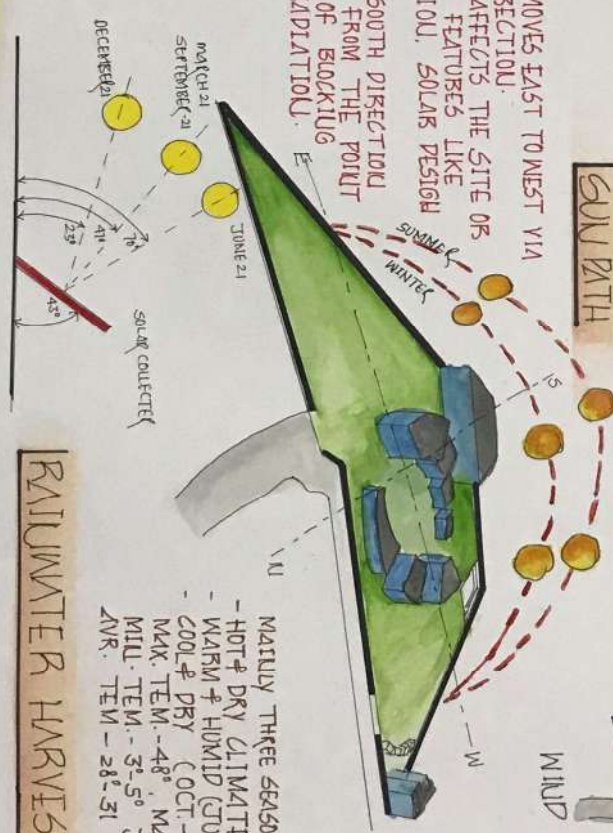
MEHRAULI NEW DELHI
THE 515 GUINPE-AR PLETTI SAGAR
JANUARY 2004, 1150101034

CLIMATE COPPTIONS -

- ALL SURROUNDING AREAS USE LOW HEIGHT OF TREES.
- THERE IS NO SHADON DUE TO LONG DISTANCE.
- DEVELOPMENT AREA AROUND THE SITE
- THE SITE IS SURROUNDED BY THE FOREST LAND.
- THE WIND DIRECTION IS N-W TO S-E
- IN WINTERS COLD & DRY WINDS FROM N-W
- IN SUMMER HOT & PUSTY ATMOSPHERE IN MAY-JUNE
- PRECIPITATION -
MAX - 230MM (JULY-AUG)
MIN - 5MM (NOVEMBER)
AVR - 120 MM

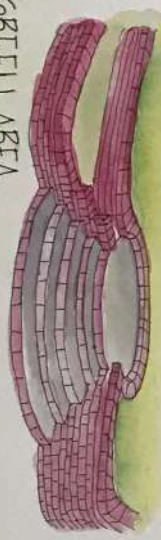
SUN PATH

- THE SUN MOVES EAST TO WEST VIA SOUTH DIRECTION.
- THE SUN AFFECTS THE SITE OR BUILDING FEATURES LIKE ORIENTATION, SOLAR DESIGN FEATURES.
- A NORTH-SOUTH DIRECTION IS IDEAL FROM THE POINT OF VIEW OF BLOCKING SOLAR RADIATION.



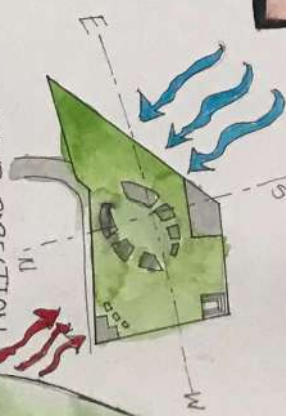
SOLAR COLLECTOR

GREEN AREA



CLIMATE

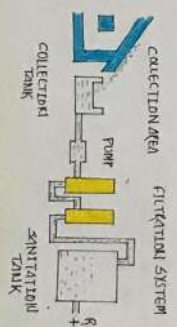
NEW DELHI AND ITS SURROUNDINGS AREAS EXPERIENCES INTENSE SOLAR RADIATION IN THE SUMMERS AND WINTERS MOUTH.



WIND DIRECTION

RAINFALL HARVESTING

- MAINLY THREE SEASONS - OCCURE -
- HOT & DRY CLIMATE (MARCH-JUNE)
- WARM & HUMID (JULY-SEP)
- COOL & DRY (OCT-DEC)
MAX. TEM. - 48° MAY
MIN. TEM. - 3°-5° JANUARY
AVR. TEM - 28°-31, JUNE



COLLECTION AREA

PUMP

FILTRATION SYSTEM

STORAGE TANK

Indian cultural





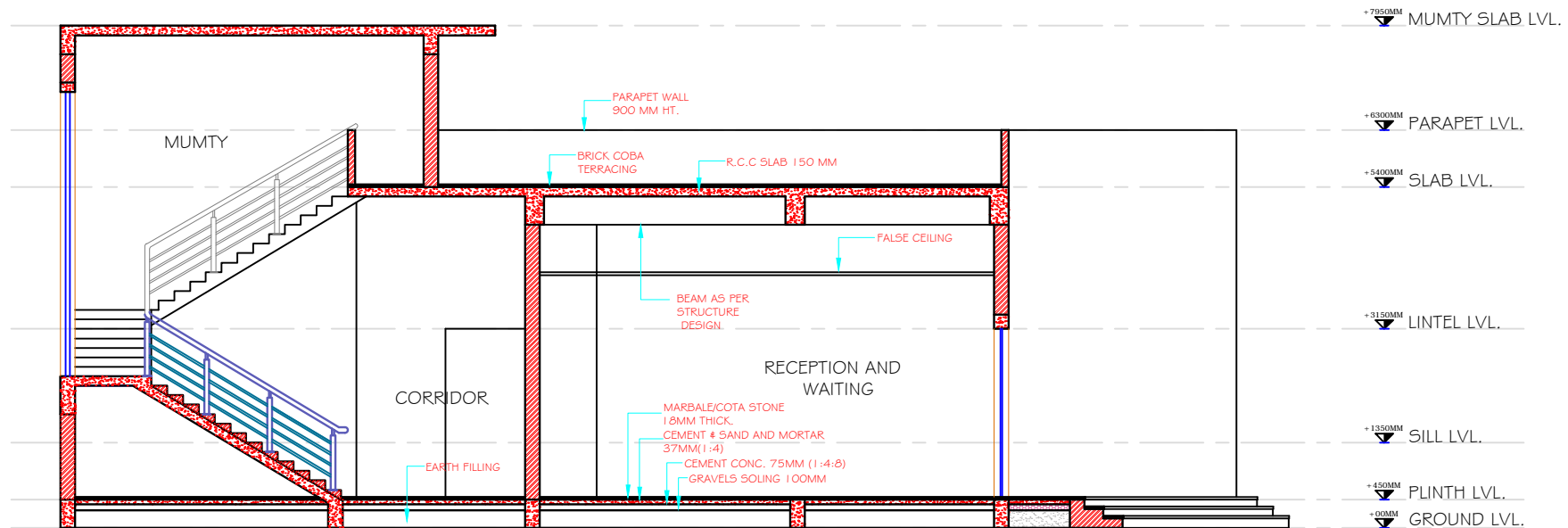
KALAGRAM (MEHRAULI , NEW DELHI)

DRAWING TITLE:- SITE PLAN

ALL DIMENSION ARE IN M.

JANMEJAY SINGH ,1150101034
B. ARCH ,FINAL YEAR
BBDU ,LUCKNOW
THESIS GUIDE :- AR DEEPTI SAGAR





SECTION-S I

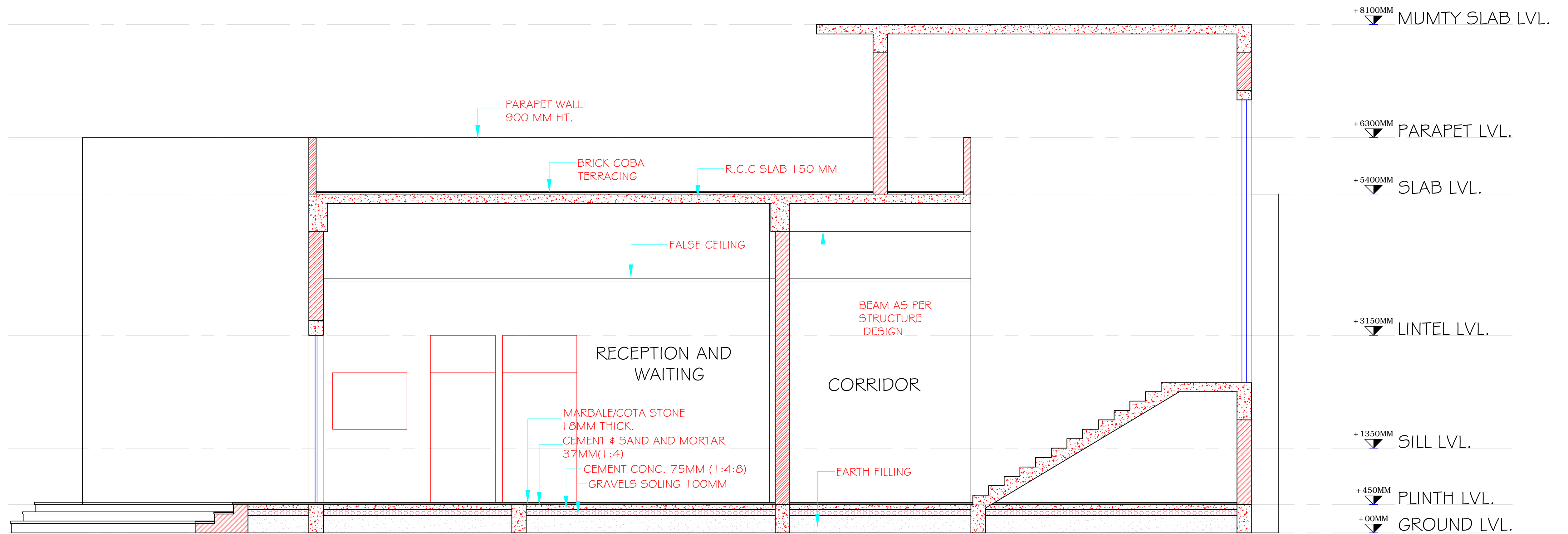
KALAGRAM (MEHRAULI , NEW DELHI)

DRAWING TITLE:- ADMIN BLOCK

ALL DIMENSION ARE IN MM.

JANMEJAY SINGH , 1150101034
B. ARCH , FINAL YEAR
BBDU , LUCKNOW
THESIS GUIDE :- AR DEEPTI SAGAR





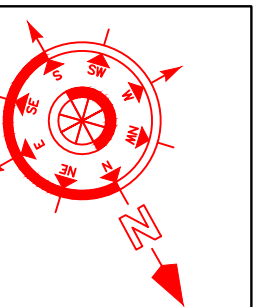
SECTION-S2

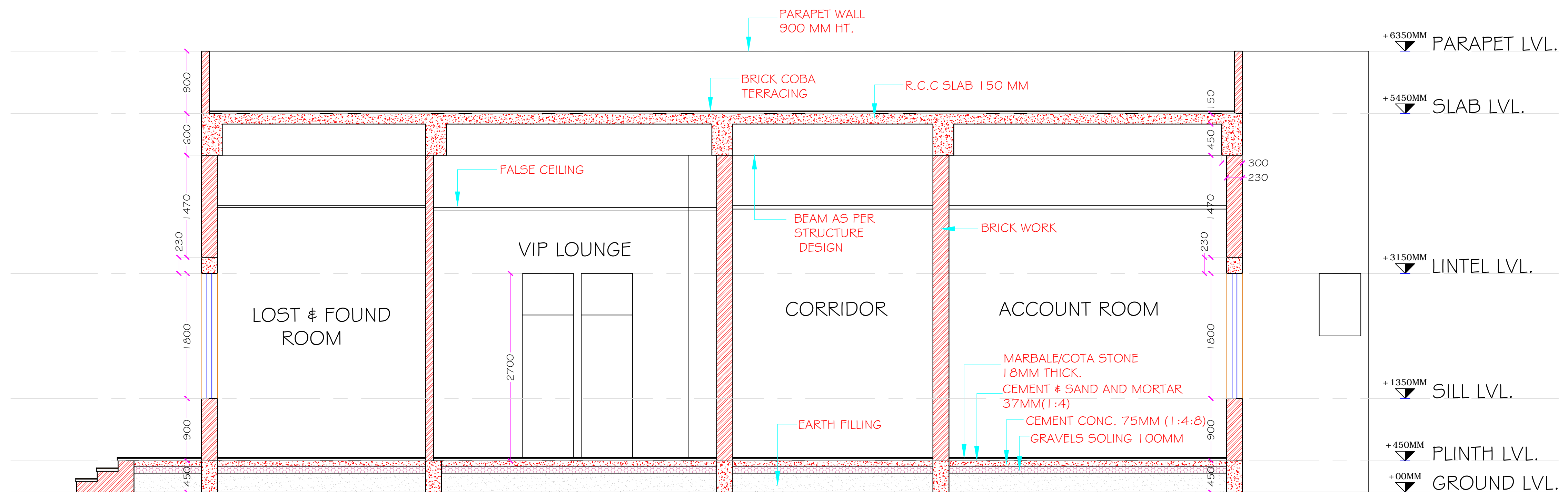
KALAGRAM (MEHRAULI , NEW DELHI)

DRAWING TITLE:- ADMIN BLOCK

ALL DIMENSION ARE IN MM.

JANMEJAY SINGH , 1150101034
B. ARCH , FINAL YEAR
BBDU , LUCKNOW
THESIS GUIDE :- AR DEEPTI SAGAR





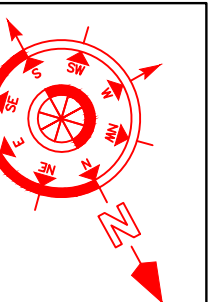
SECTION-S3

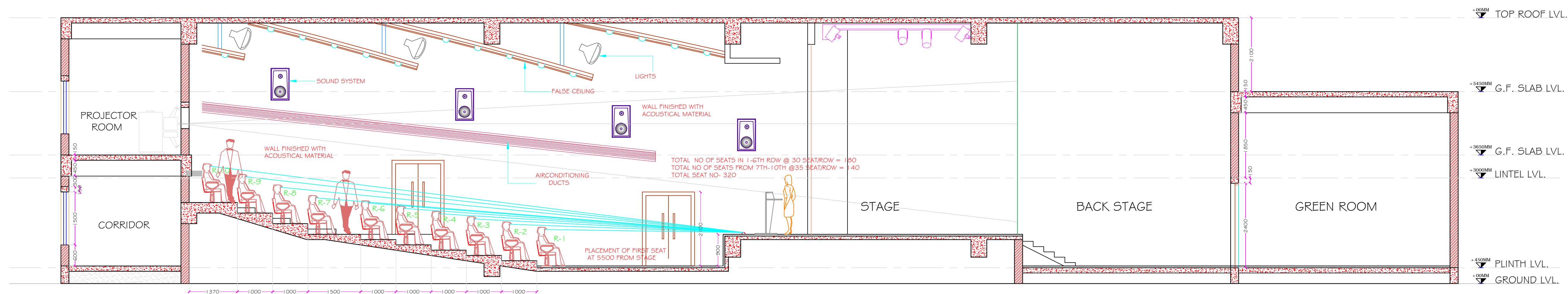
KALAGRAM (MEHRAULI , NEW DELHI)

DRAWING TITLE:- ADMIN BLOCK

ALL DIMENSION ARE IN MM.

JANMEJAY SINGH , 1150101034
B. ARCH , FINAL YEAR
BBDU , LUCKNOW
THESIS GUIDE :- AR DEEPTI SAGAR





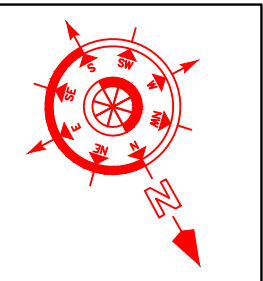
SECTION-S I

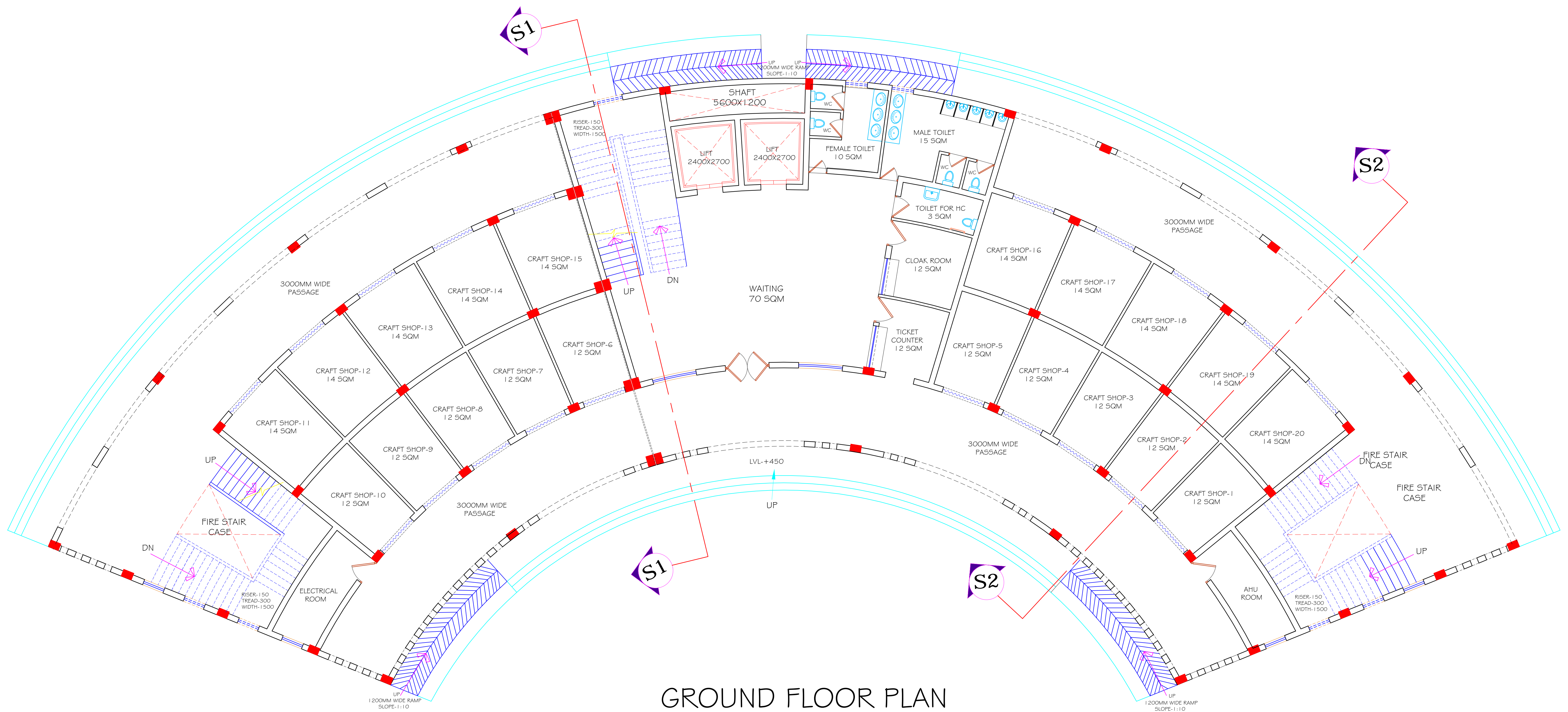
KALAGRAM (MEHRAULI , NEW DELHI)

DRAWING TITLE:- AUDITORIUM

ALL DIMENSION ARE IN MM.

JANMEJAY SINGH ,1150101034
B. ARCH ,FINAL YEAR
BBDU ,LUCKNOW
THESIS GUIDE :- AR DEEPTI SAGAR





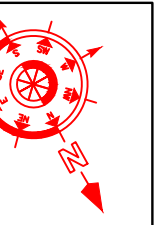
GROUND FLOOR PLAN

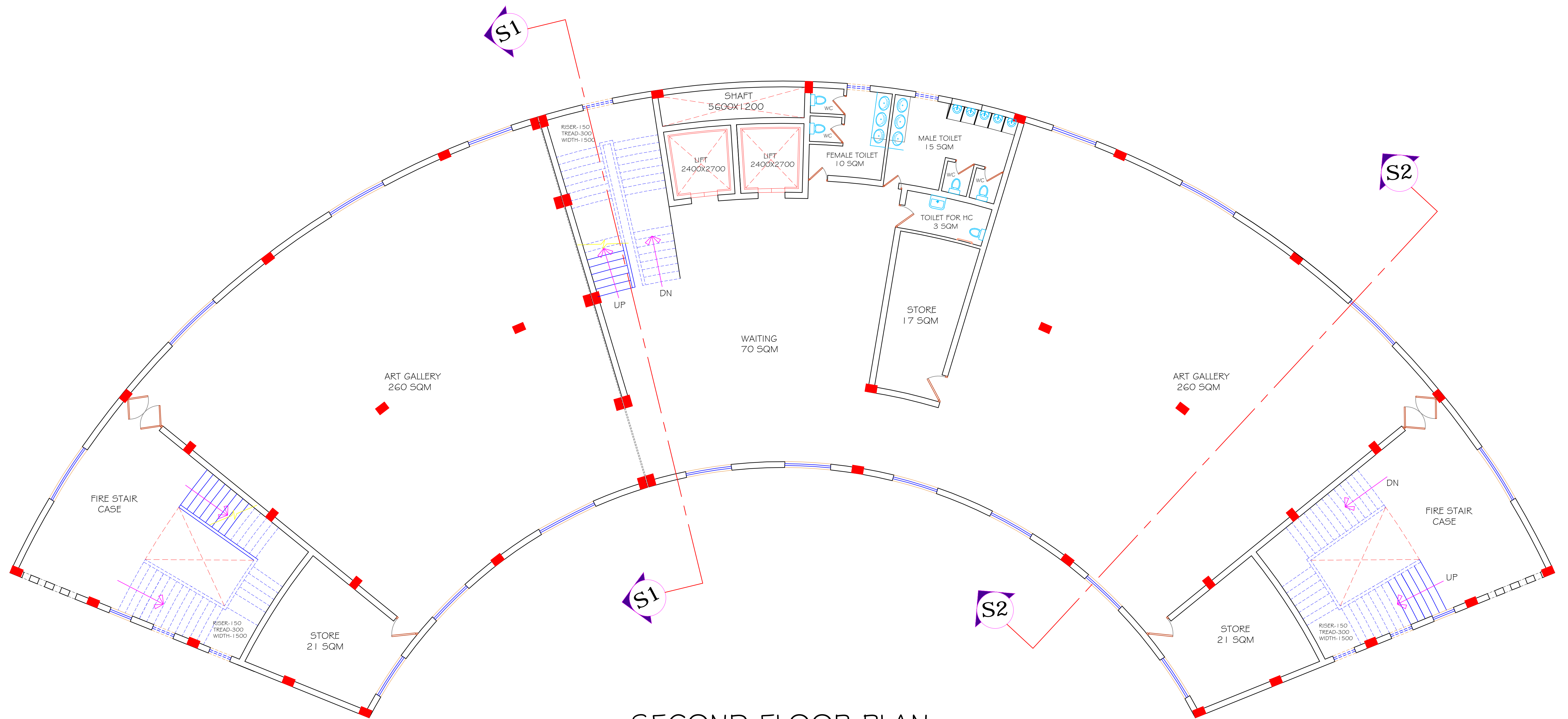
KALAGRAM (MEHRAULI , NEW DELHI)

DRAWING TITLE:- CRAFT SHOP, EXHIBITION, ART GALLERY

ALL DIMENSION ARE IN MM.

JANMEJAY SINGH , 1150101034
B. ARCH , FINAL YEAR
BBDU , LUCKNOW
THESIS GUIDE :- AR DEEPTI SAGAR





SECOND FLOOR PLAN

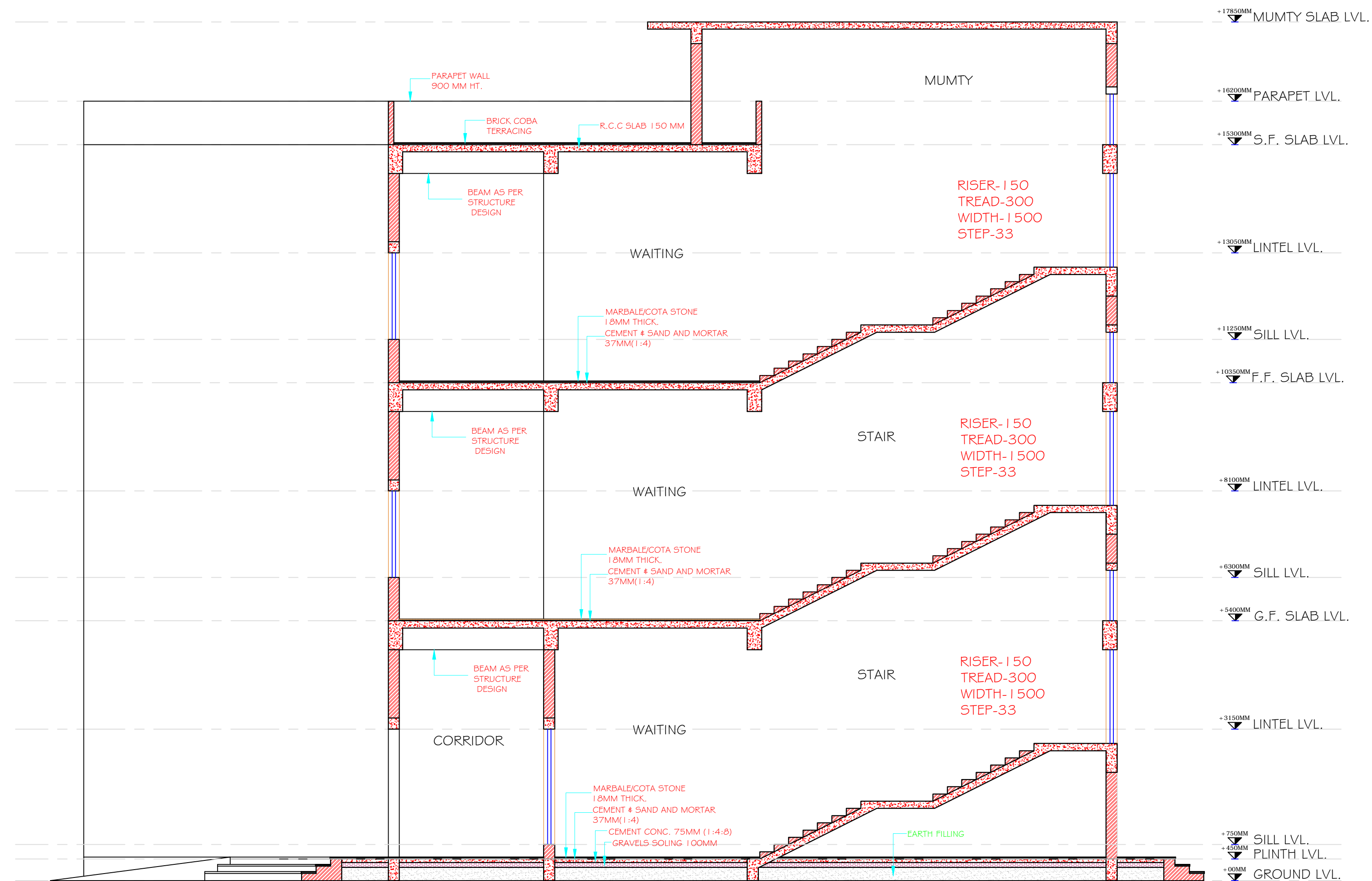
KALAGRAM (MEHRAULI , NEW DELHI)

DRAWING TITLE:- CRAFT SHOP, EXHIBITION, ART GALLERY

ALL DIMENSION ARE IN MM.

JANMEJAY SINGH , I I 50 I 0 I 034
B. ARCH , FINAL YEAR
BBDU , LUCKNOW
THESIS GUIDE :- AR DEEPTI SAGAR





SECTION-S I

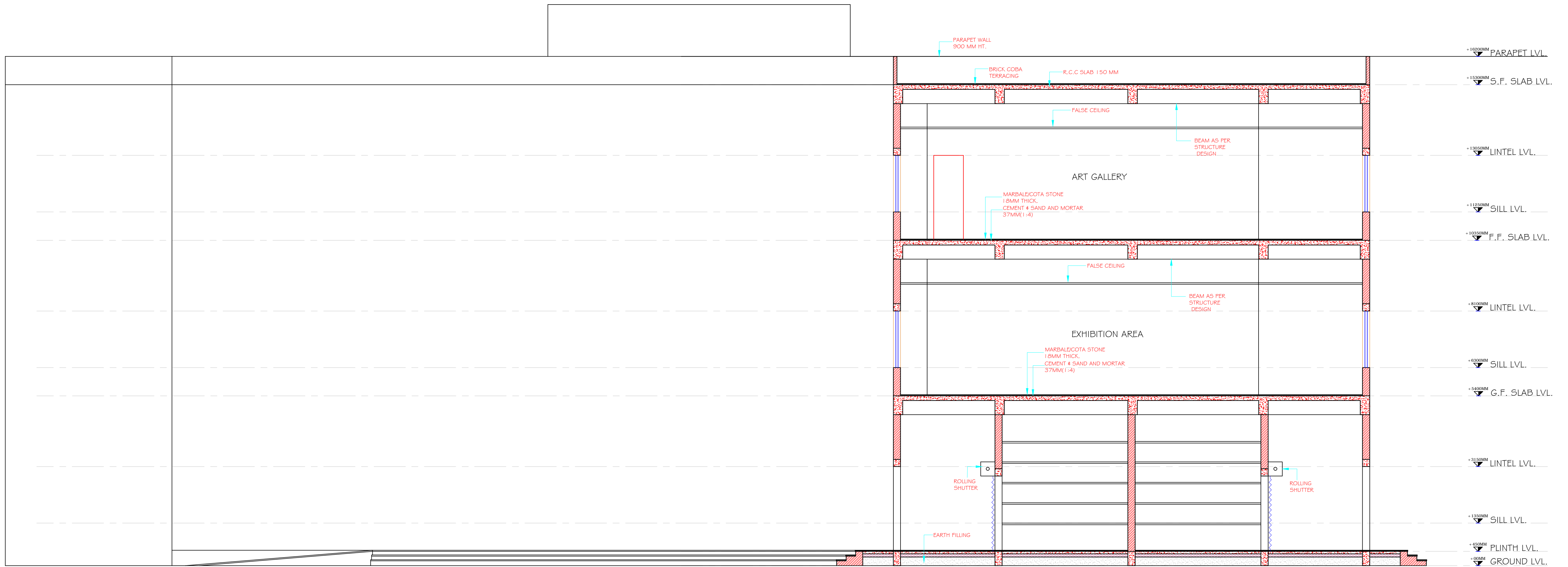
KALAGRAM (MEHRAULI , NEW DELHI)

DRAWING TITLE:- CRAFT SHOP, EXHIBITION, ART GALLERY

ALL DIMENSION ARE IN MM.

JANMEJAY SINGH , 1150101034
B. ARCH ,FINAL YEAR
BBDU ,LUCKNOW
THESIS GUIDE :- AR DEEPTI SAGAR





SECTION-S2

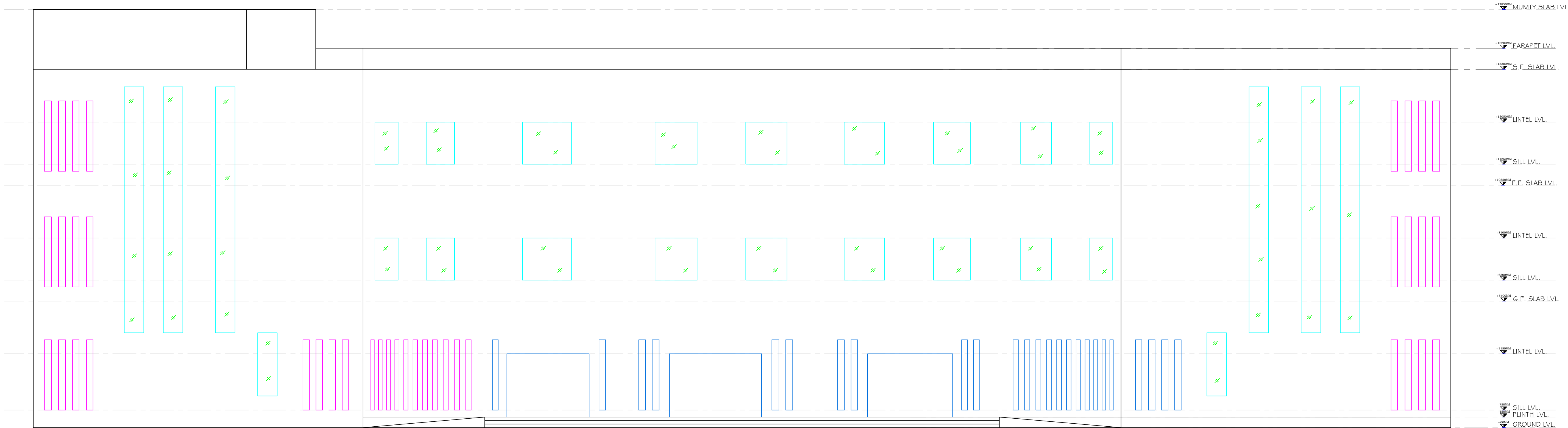
KALAGRAM (MEHRAULI , NEW DELHI)

DRAWING TITLE:- CRAFT SHOP, EXHIBITION, ART GALLERY

ALL DIMENSION ARE IN MM.

JANMEJAY SINGH ,11150101034
B. ARCH ,FINAL YEAR
BBDU ,LUCKNOW
THESIS GUIDE :- AR DEEPTI SAGAR





FRONT ELEVATION

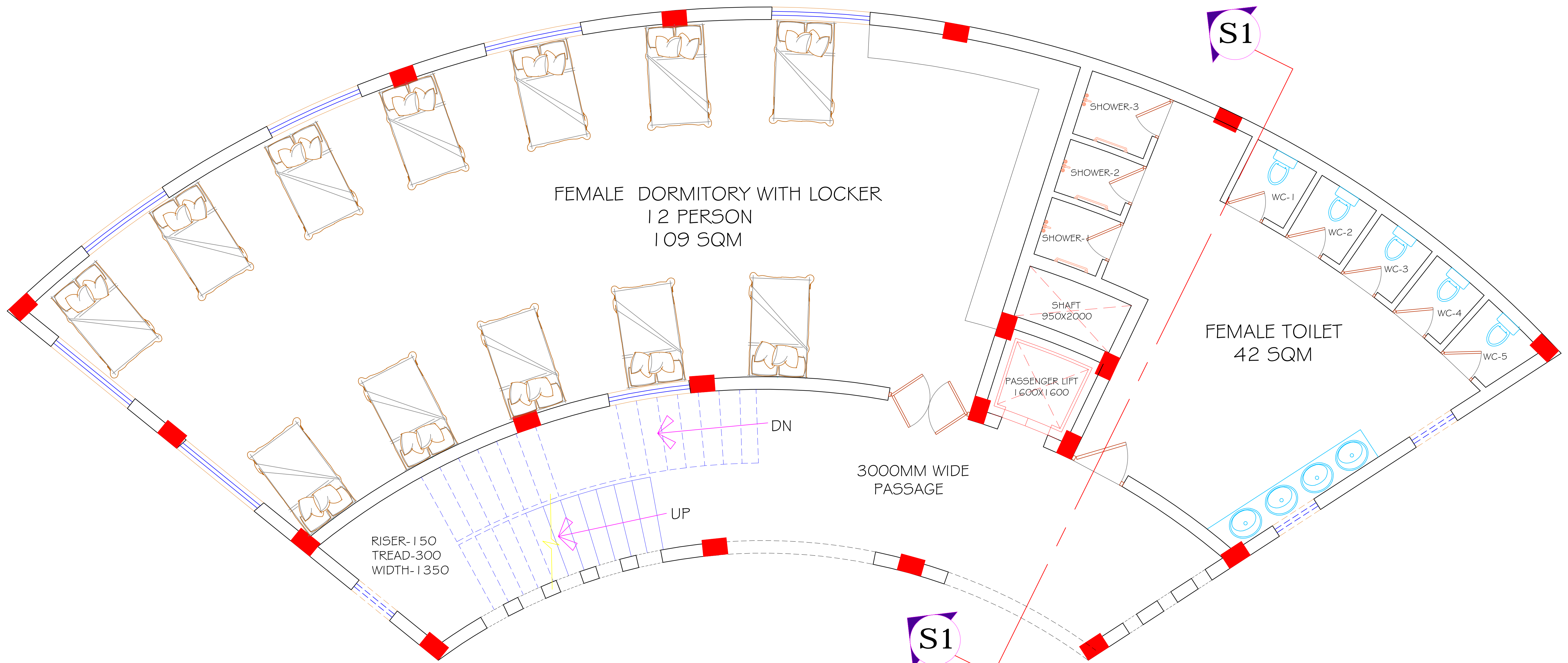
KALAGRAM (MEHRAULI , NEW DELHI)

DRAWING TITLE:- CRAFT SHOP, EXHIBITION, ART GALLERY

ALL DIMENSION ARE IN MM.

JANMEJAY SINGH ,1150101034
B. ARCH ,FINAL YEAR
BBDU ,LUCKNOW
THESIS GUIDE :- AR DEEPTI SAGAR





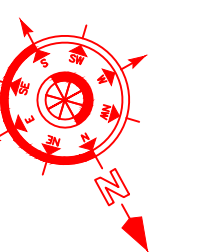
FIRST FLOOR PLAN

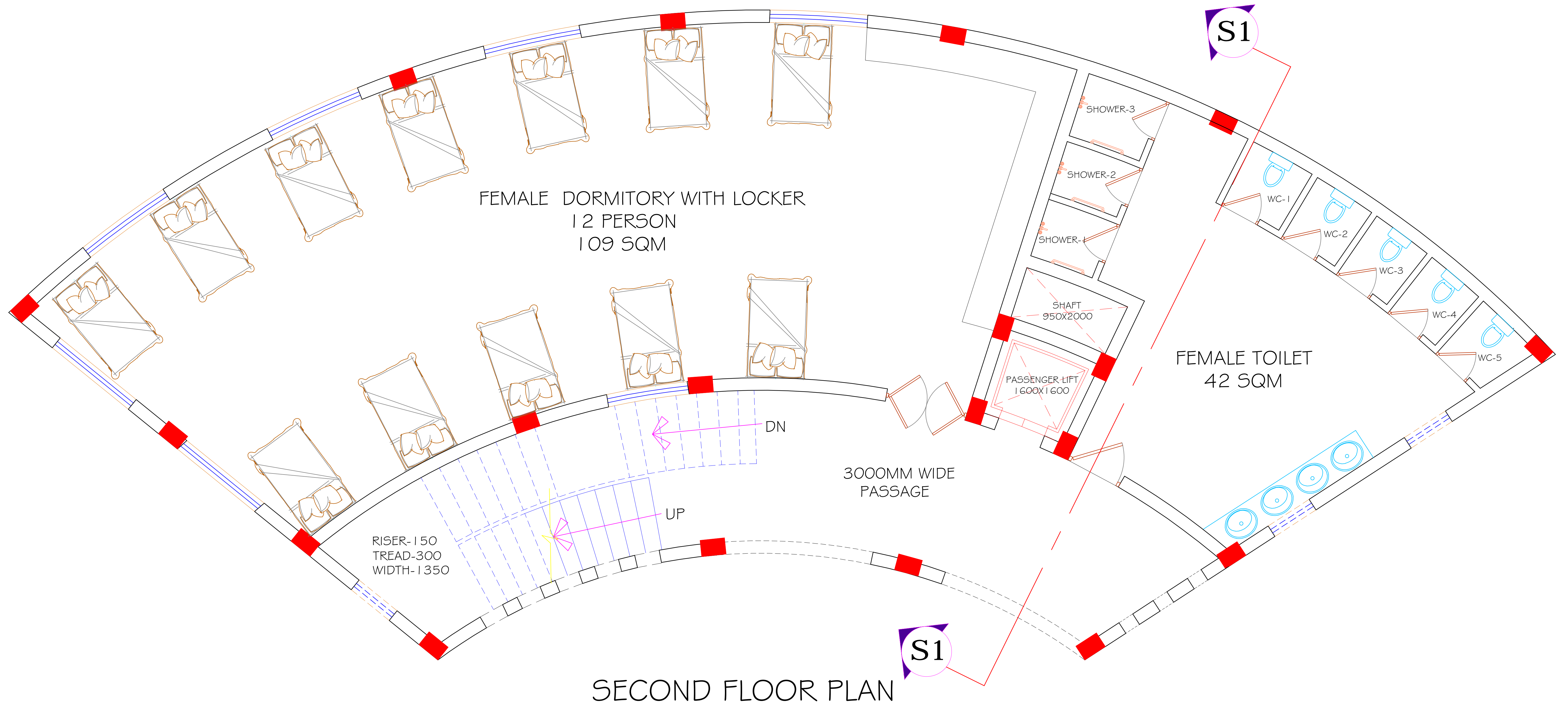
KALAGRAM (MEHRAULI , NEW DELHI)

DRAWING TITLE:- DORMITORY BLOCK

ALL DIMENSION ARE IN MM.

JANMEJAY SINGH , 1150101034
B. ARCH , FINAL YEAR
BBDU , LUCKNOW
THESIS GUIDE :- AR DEEPTI SAGAR





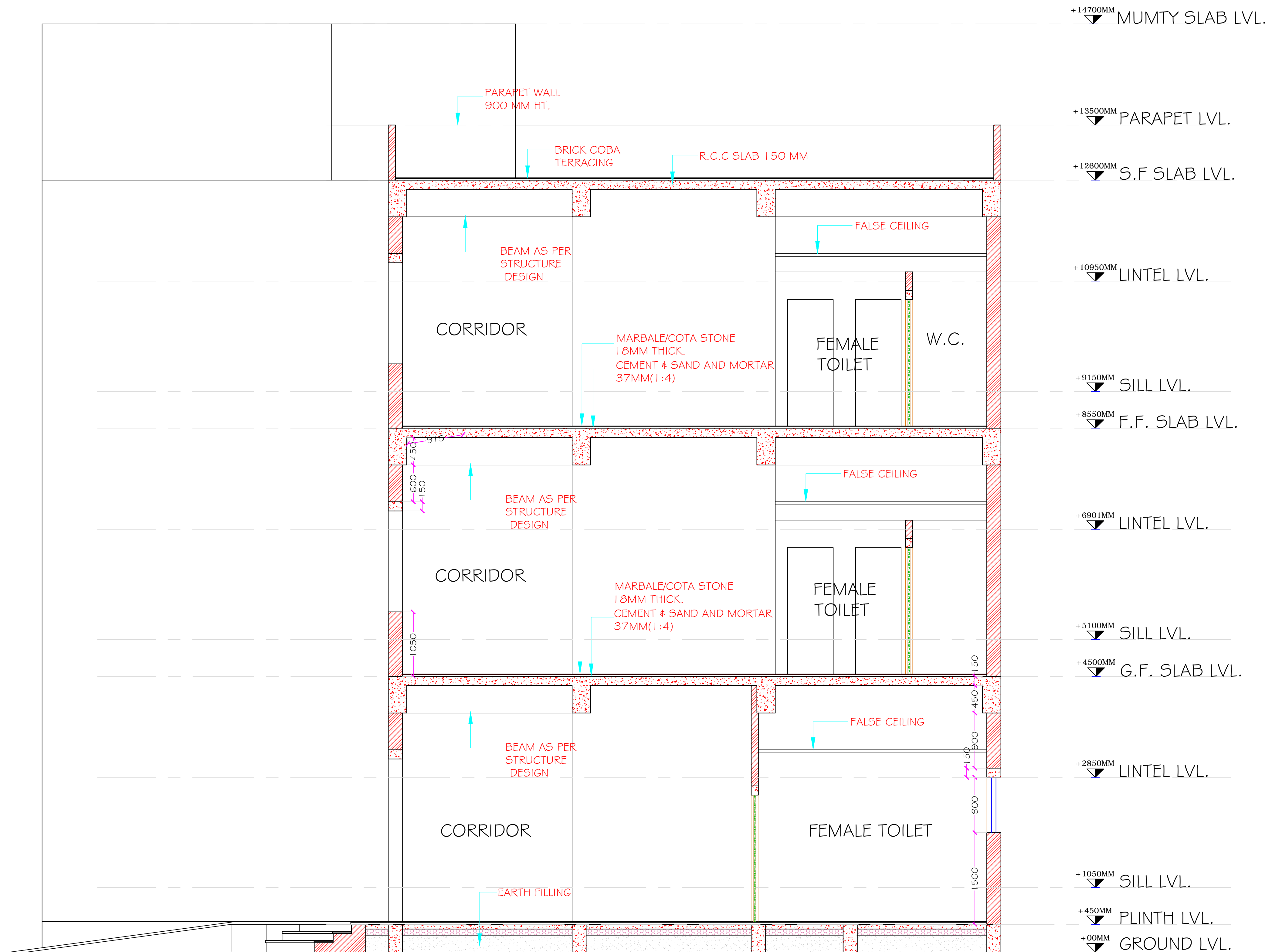
KALAGRAM (MEHRAULI , NEW DELHI)

DRAWING TITLE:- DORMITORY BLOCK

ALL DIMENSION ARE IN MM.

JANMEJAY SINGH , 1150101034
B. ARCH ,FINAL YEAR
BBDU ,LUCKNOW
THESIS GUIDE :- AR DEEPTI SAGAR





SECTION-S I

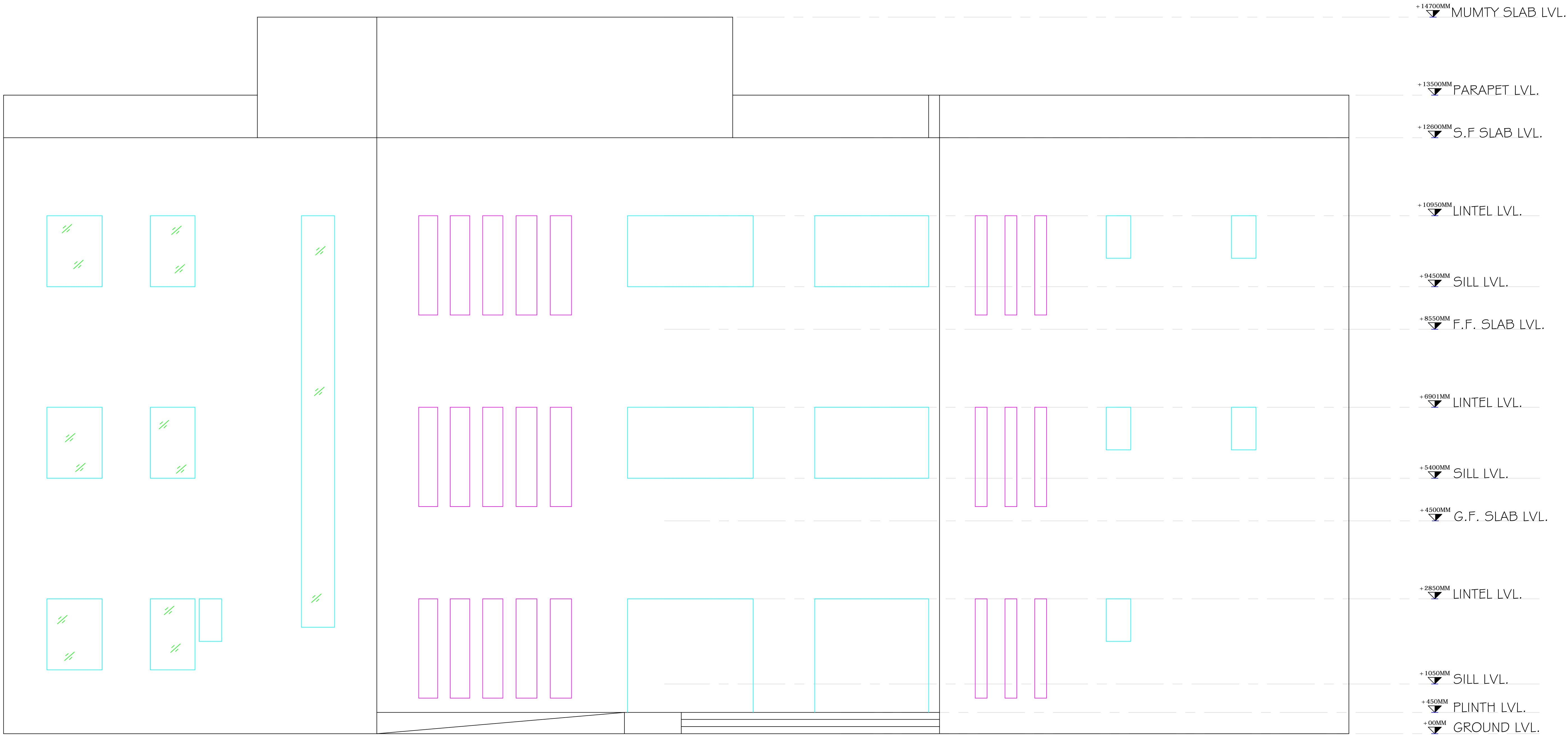
KALAGRAM (MEHRAULI , NEW DELHI)

DRAWING TITLE:- DORMITORY BLOCK

ALL DIMENSION ARE IN MM.

JANMEJAY SINGH ,1150101034
B. ARCH ,FINAL YEAR
BBDU ,LUCKNOW
THESIS GUIDE :- AR DEEPTI SAGAR





FRONT ELIVATION

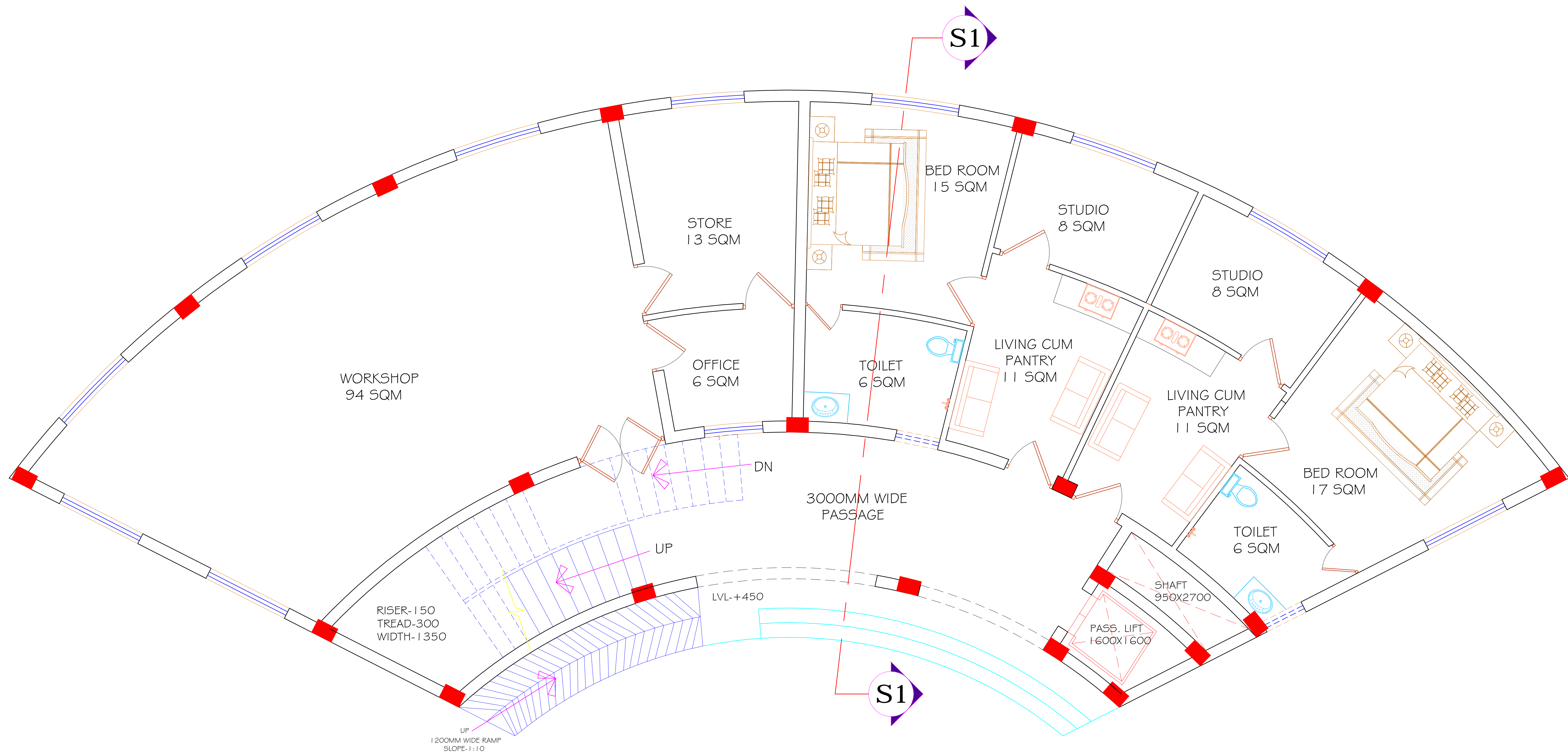
KALAGRAM (MEHRAULI , NEW DELHI)

DRAWING TITLE:- DORMITORY BLOCK

ALL DIMENSION ARE IN MM.

JANMEJAY SINGH , I I 50 I 0 I 034
B. ARCH , FINAL YEAR
BBDU , LUCKNOW
THESIS GUIDE :- AR DEEPTI SAGAR





GROUND FLOOR PLAN

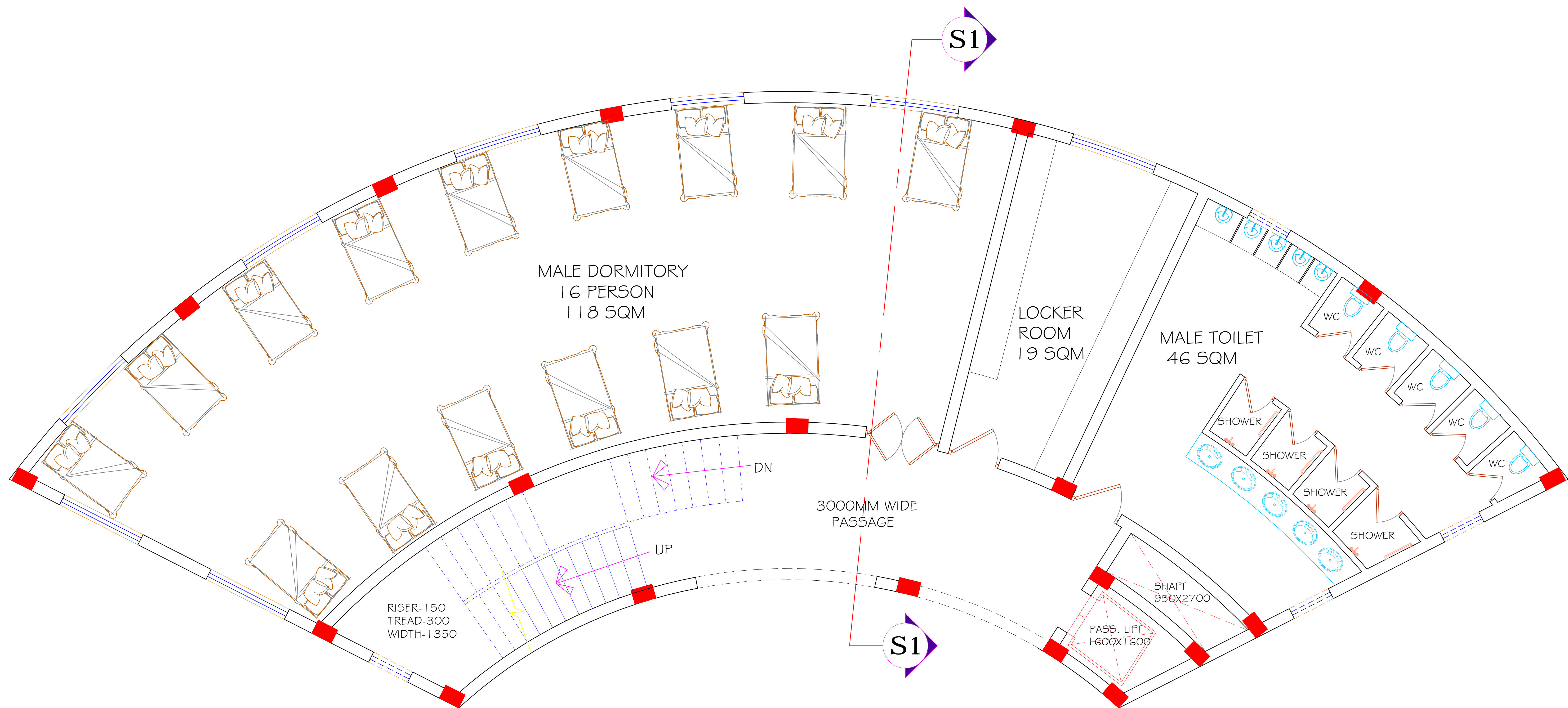
KALAGRAM (MEHRAULI , NEW DELHI)

DRAWING TITLE:- DORMITORY BLOCK

ALL DIMENSION ARE IN MM.

JANMEJAY SINGH , 1150101034
B. ARCH , FINAL YEAR
BBDU , LUCKNOW
THESIS GUIDE :- AR DEEPTI SAGAR





FIRST FLOOR PLAN

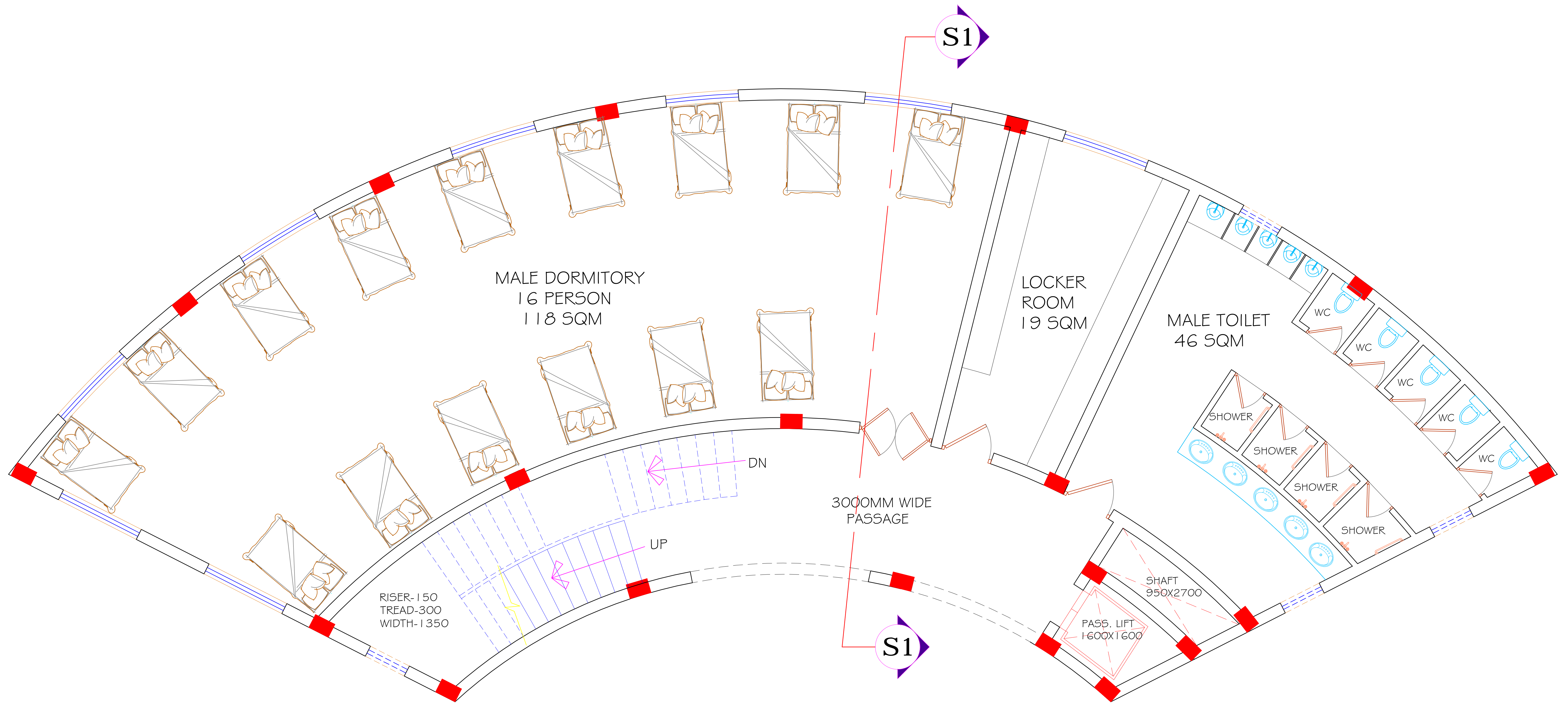
KALAGRAM (MEHRAULI , NEW DELHI)

DRAWING TITLE:- DORMITORY BLOCK

ALL DIMENSION ARE IN MM.

JANMEJAY SINGH ,1150101034
B. ARCH ,FINAL YEAR
BBDU ,LUCKNOW
THESIS GUIDE :- AR DEEPTI SAGAR





SECOND FLOOR PLAN

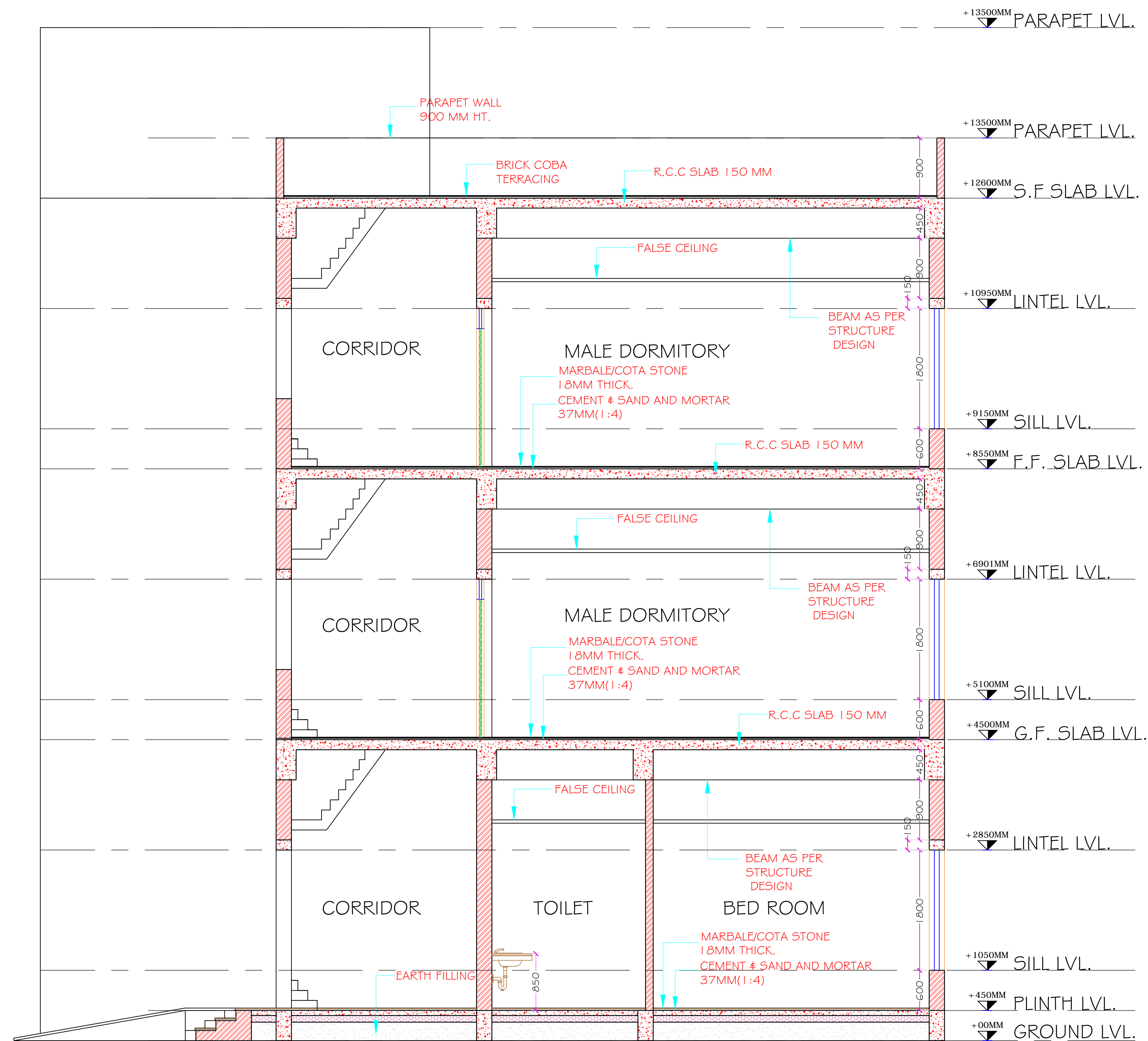
KALAGRAM (MEHRAULI , NEW DELHI)

DRAWING TITLE:- DORMITORY BLOCK

ALL DIMENSION ARE IN MM.

JANMEJAY SINGH , 1150101034
 B. ARCH , FINAL YEAR
 BBDO , LUCKNOW
 THESIS GUIDE :- AR DEEPTI SAGAR





SECTION-S I

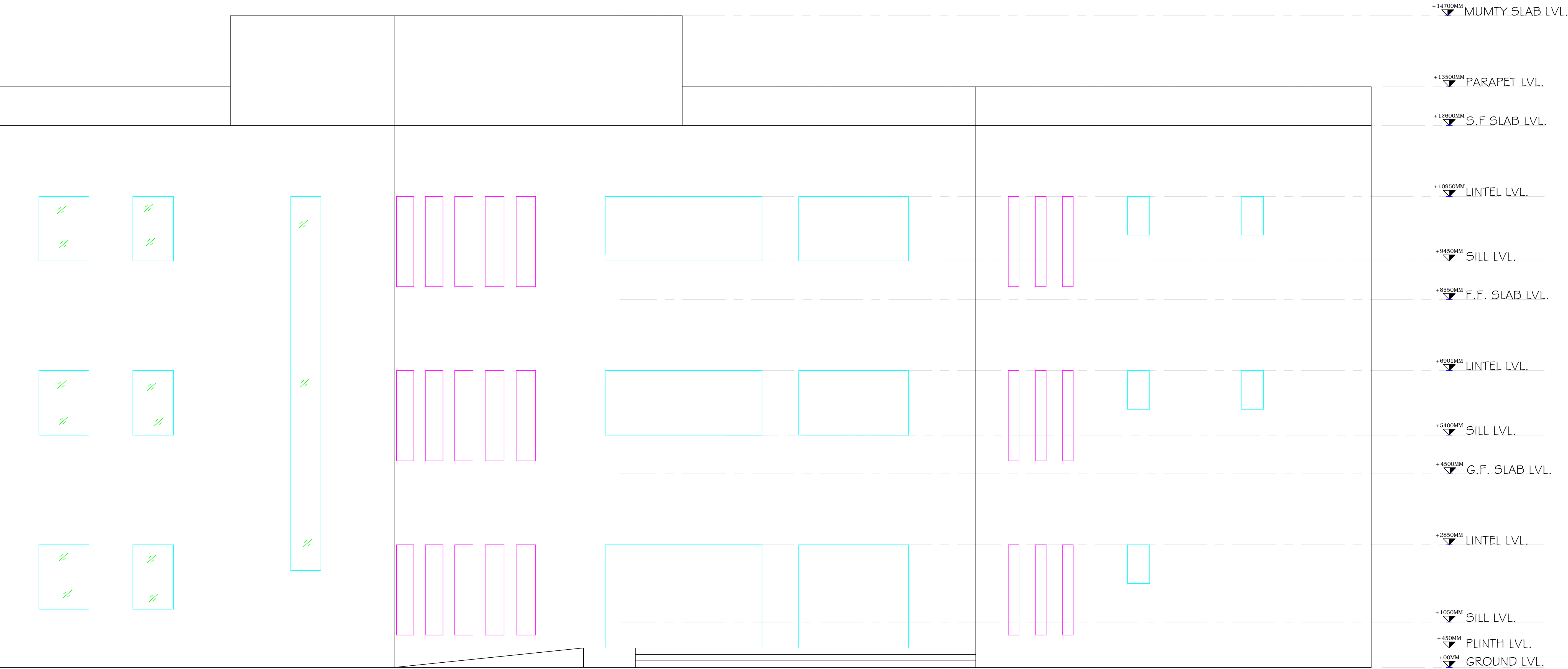
KALAGRAM (MEHRAULI , NEW DELHI)

DRAWING TITLE:- DORMITORY BLOCK

ALL DIMENSION ARE IN MM.

JANMEJAY SINGH , 1150101034
B. ARCH , FINAL YEAR
BBDU , LUCKNOW
THESIS GUIDE :- AR DEEPTI SAGAR





FRONT ELIVATION

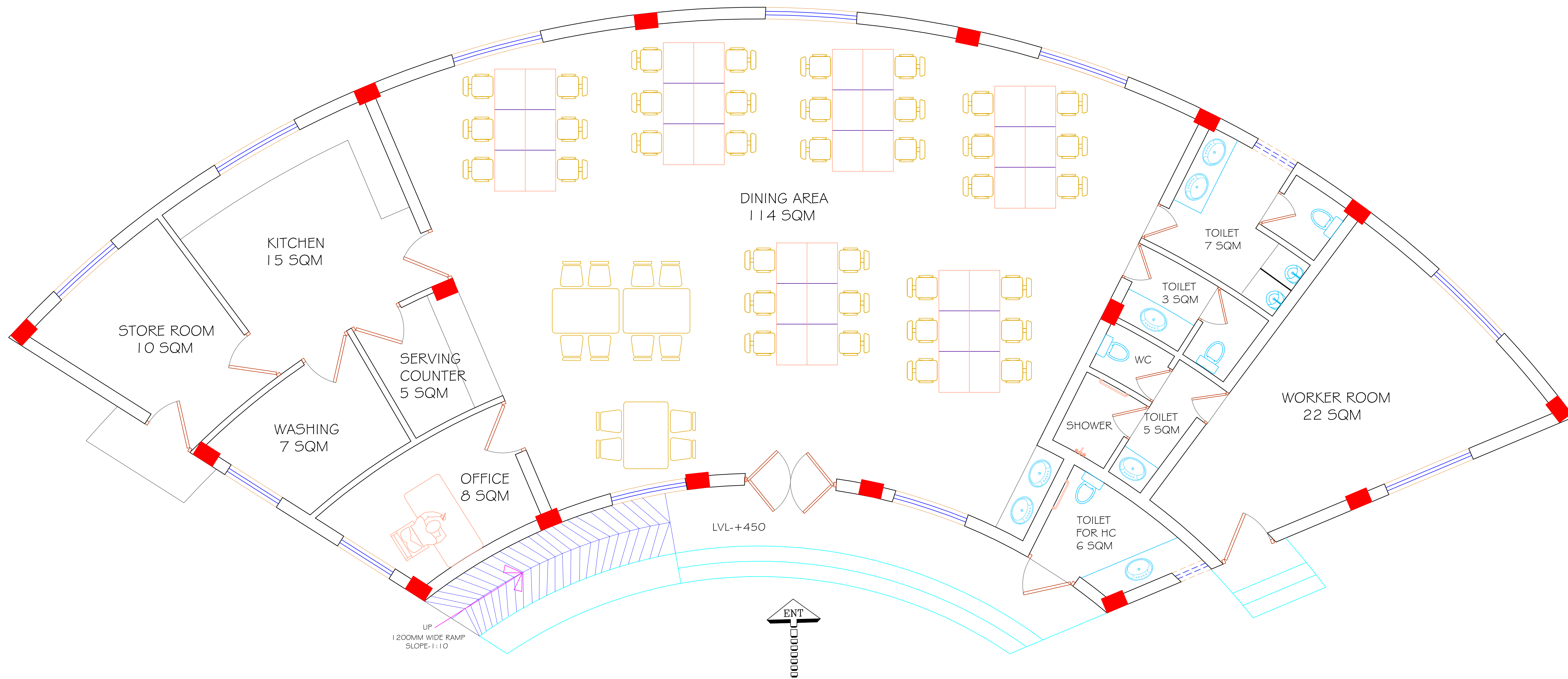
KALAGRAM (MEHRAULI , NEW DELHI)

DRAWING TITLE:- DORMITORY BLOCK

ALL DIMENSION ARE IN MM.

JANMEJAY SINGH , 1150101034
B. ARCH ,FINAL YEAR
BBDU ,LUCKNOW
THESIS GUIDE :- AR DEEPTI SAGAR





GROUND FLOOR PLAN

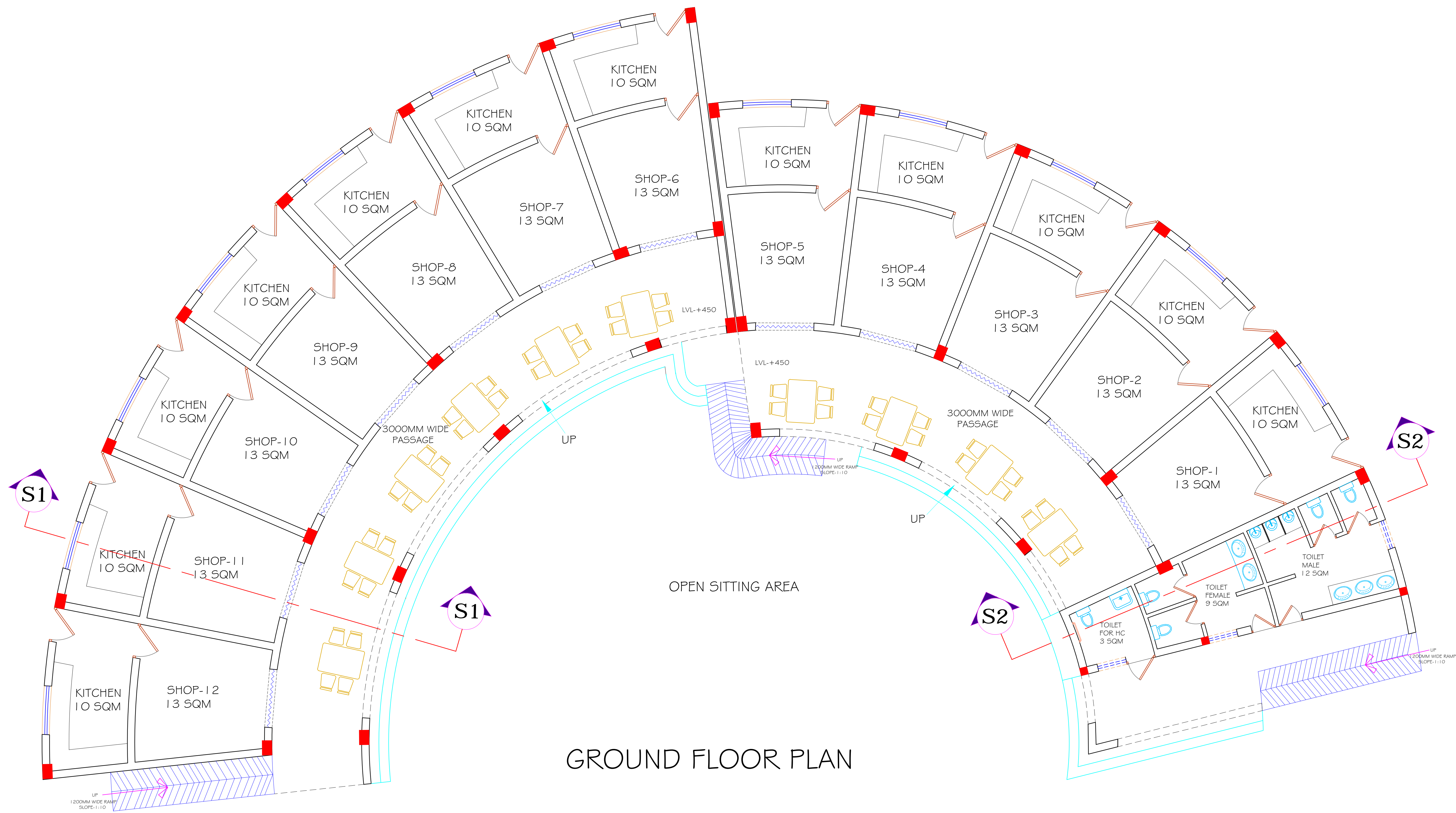
KALAGRAM (MEHRAULI , NEW DELHI)

DRAWING TITLE:- DINING

ALL DIMENSION ARE IN M.

JANMEJAY SINGH , 1150101034
B. ARCH , FINAL YEAR
BBDU , LUCKNOW
THESIS GUIDE :- AR DEEPTI SAGAR





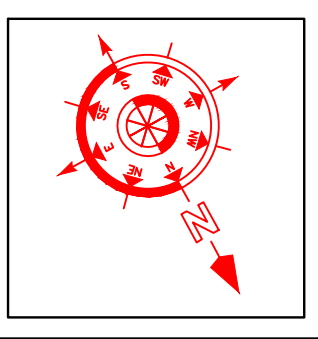
GROUND FLOOR PLAN

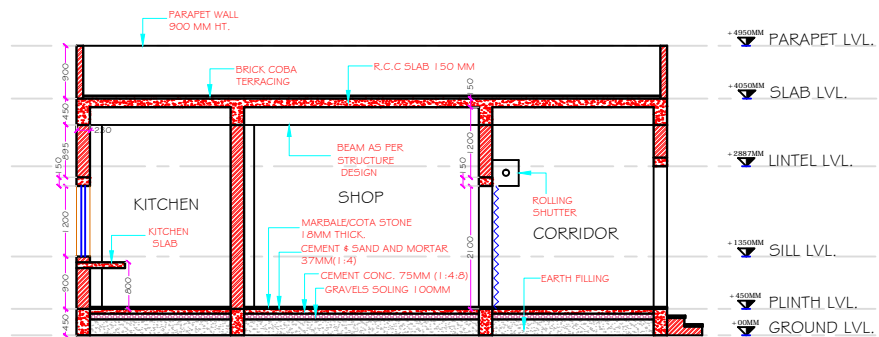
KALAGRAM (MEHRAULI , NEW DELHI)

DRAWING TITLE:- FOOD COURT

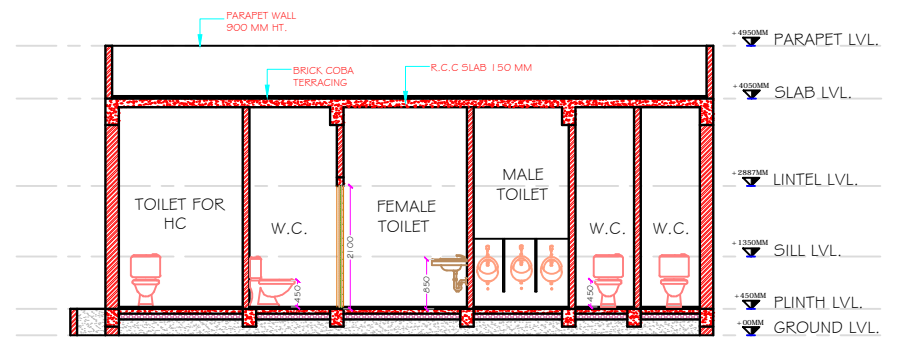
ALL DIMENSION ARE IN MM.

JANMEJAY SINGH , 1150101034
B. ARCH ,FINAL YEAR
BBDU ,LUCKNOW
THESIS GUIDE :- AR DEEPTI SAGAR





SECTION-S1



SECTION-S2

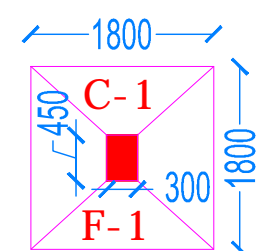
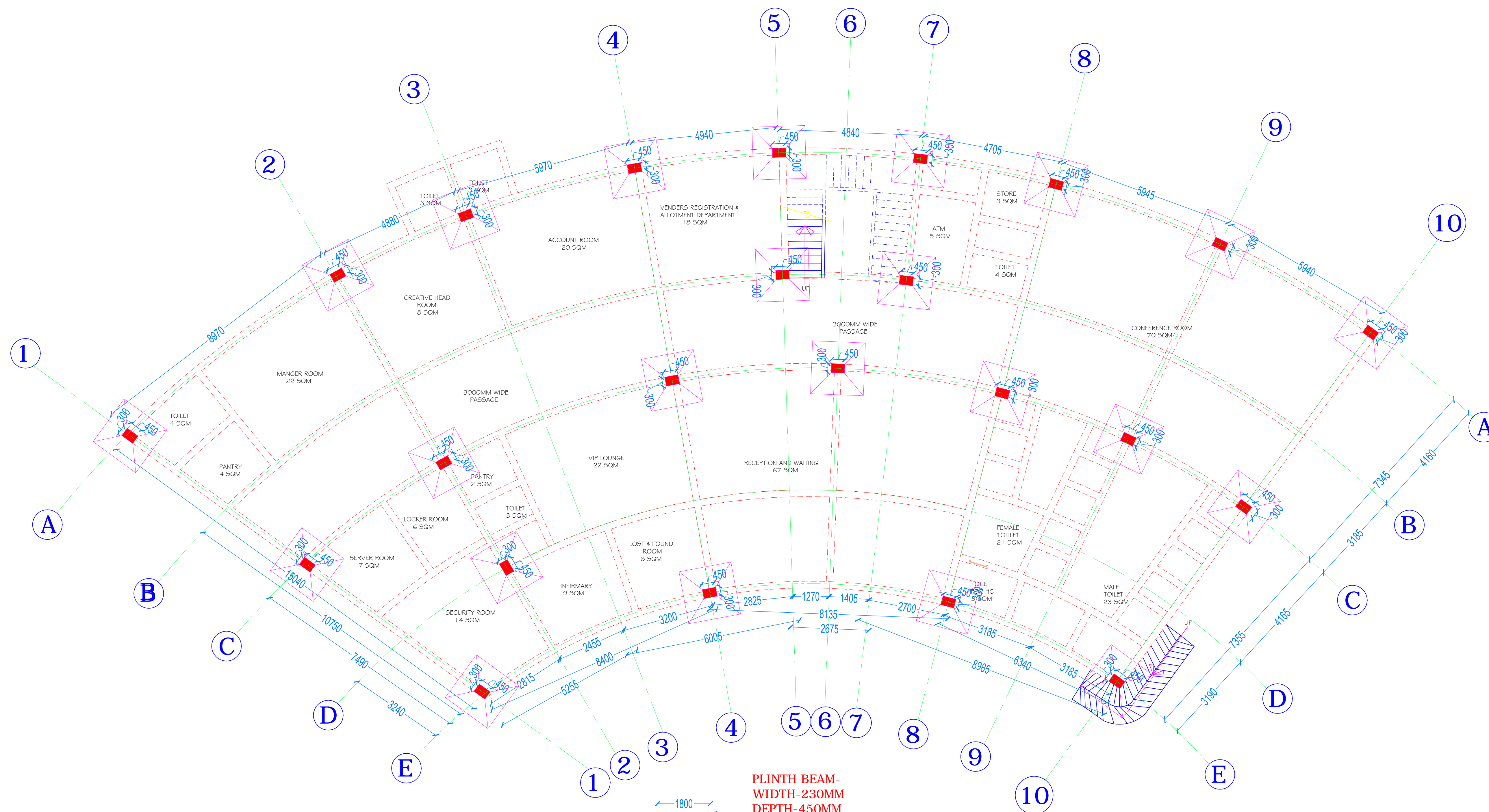
KALAGRAM (MEHRAULI , NEW DELHI)

DRAWING TITLE:- FOOD COURT

ALL DIMENSION ARE IN M.

JANMEJAY SINGH ,1150101034
B. ARCH ,FINAL YEAR
BBDU ,LUCKNOW
THESIS GUIDE :- AR DEEPTI SAGAR





PLINTH BEAM-
WIDTH-230MM
DEPTH-450MM
SLAB BEAM-
WIDTH-300MM
DEPTH-600MM WITH SLAB
COLUMN-
LENGTH-450MM
WIDTH-300MM

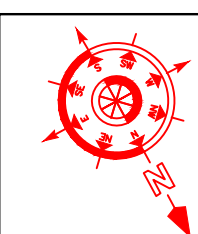
GRID PLAN

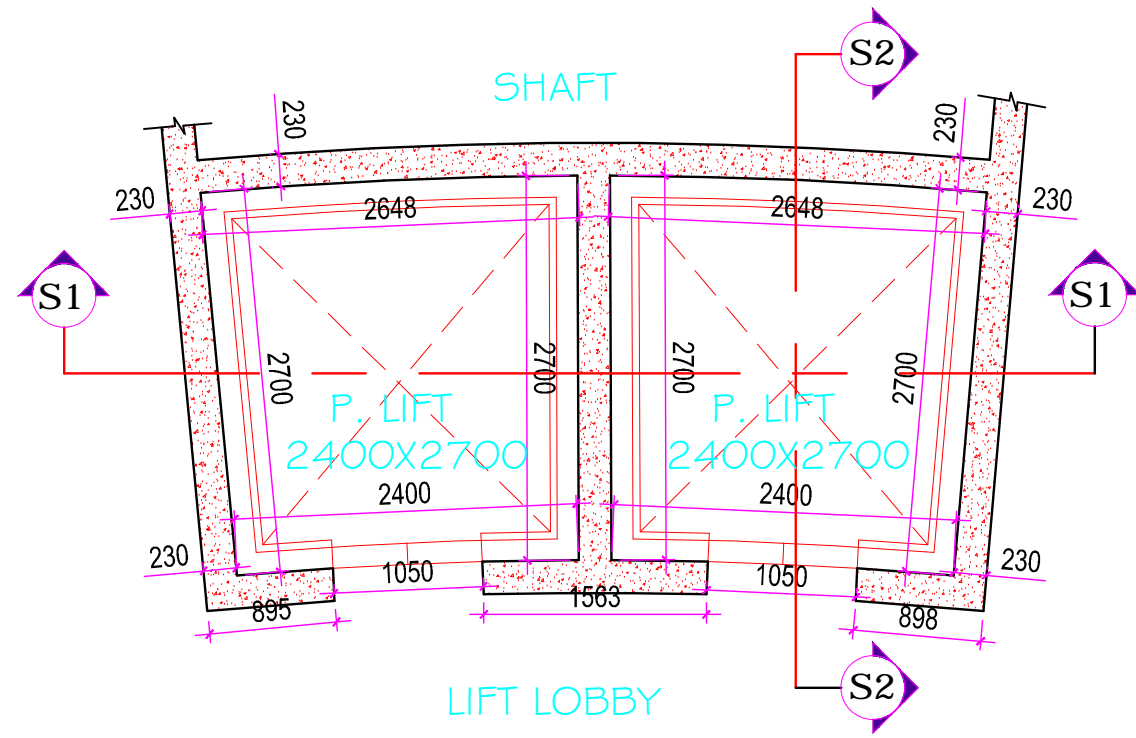
KALAGRAM (MEHRAULI , NEW DELHI)

DRAWING TITLE:- GRID PLAN,CENTRE LINE,FOOTING PLAN

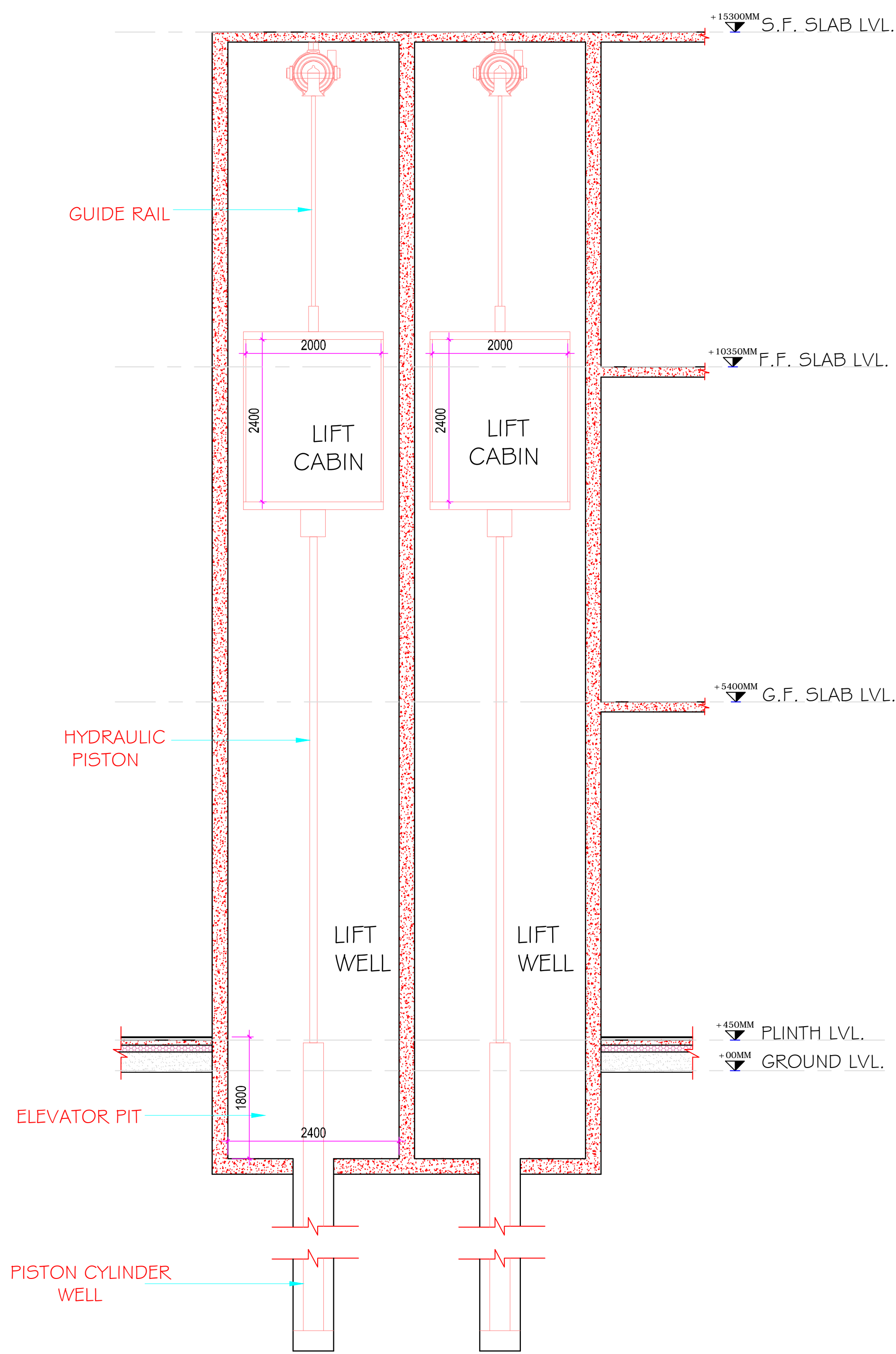
ALL DIMENSION ARE IN MM.

JANMEJAY SINGH ,1150101034
B. ARCH ,FINAL YEAR
BBDU ,LUCKNOW
THESIS GUIDE :- AR DEEPTI SAGAR

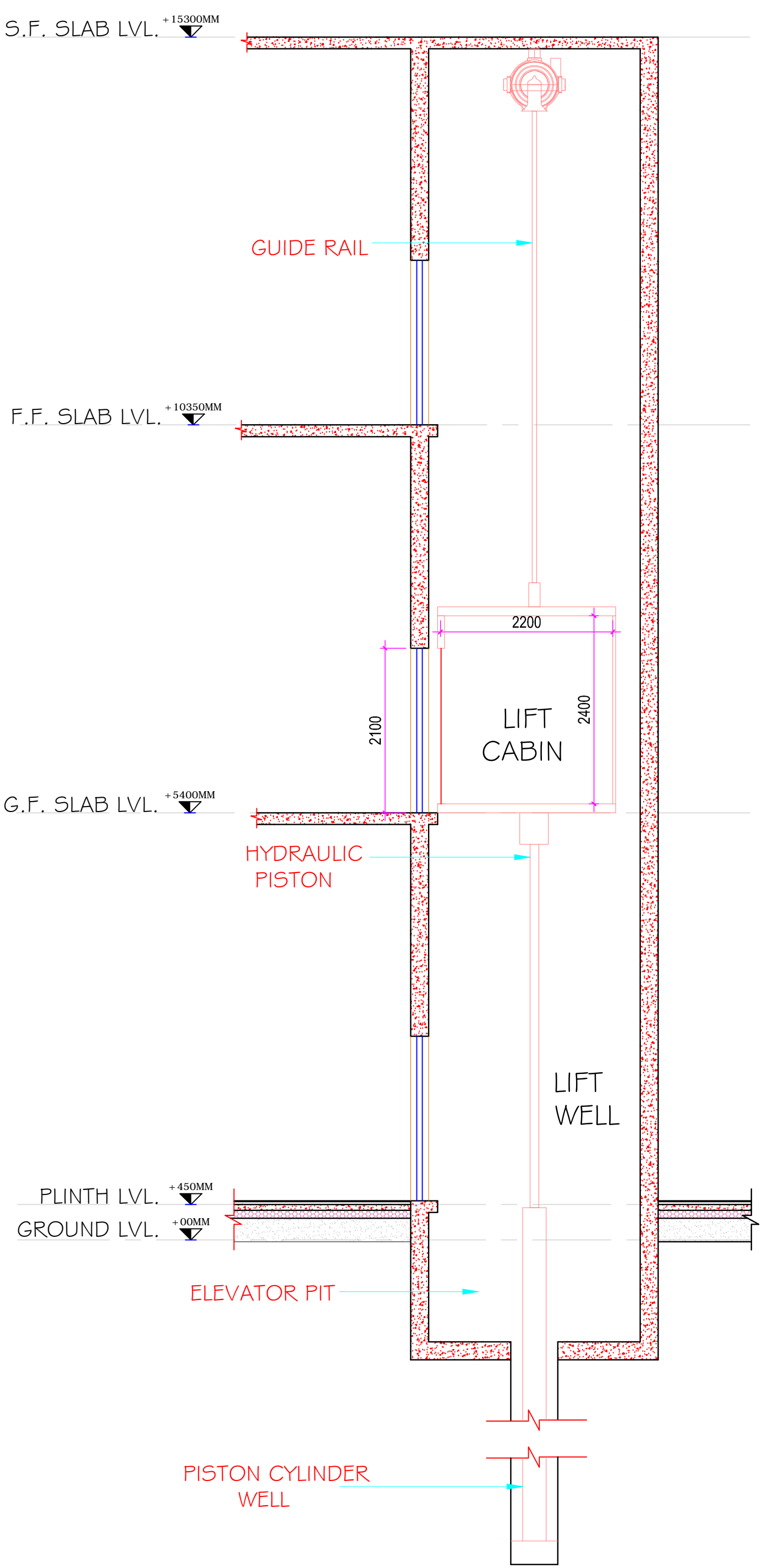




LIFT LAYOUT PLAN



LIFT DETAIL
SECTION-S1



LIFT DETAIL
SECTION-S2

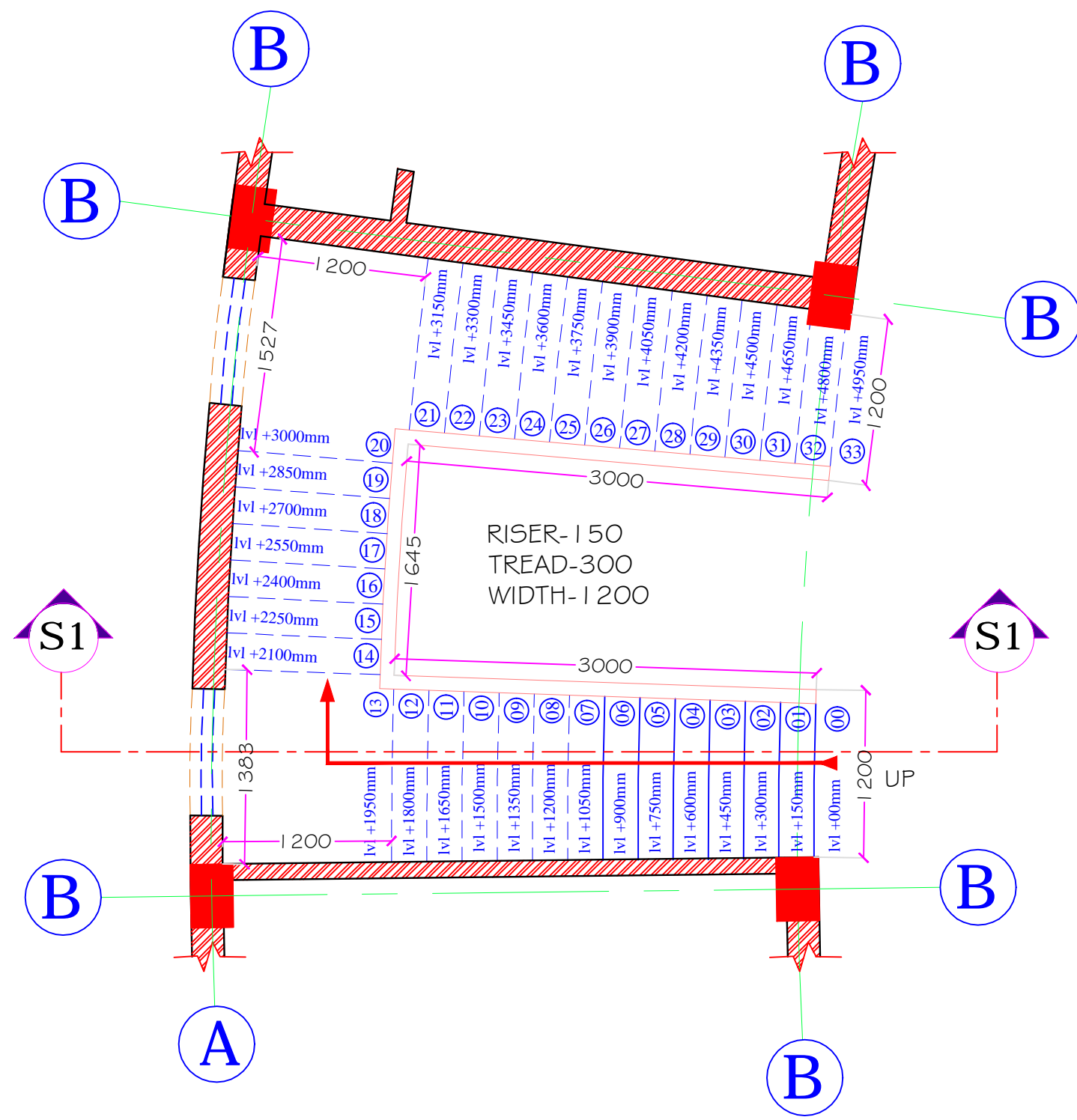
KALAGRAM (MEHRAULI , NEW DELHI)

DRAWING TITLE:- LIFT DETAILS

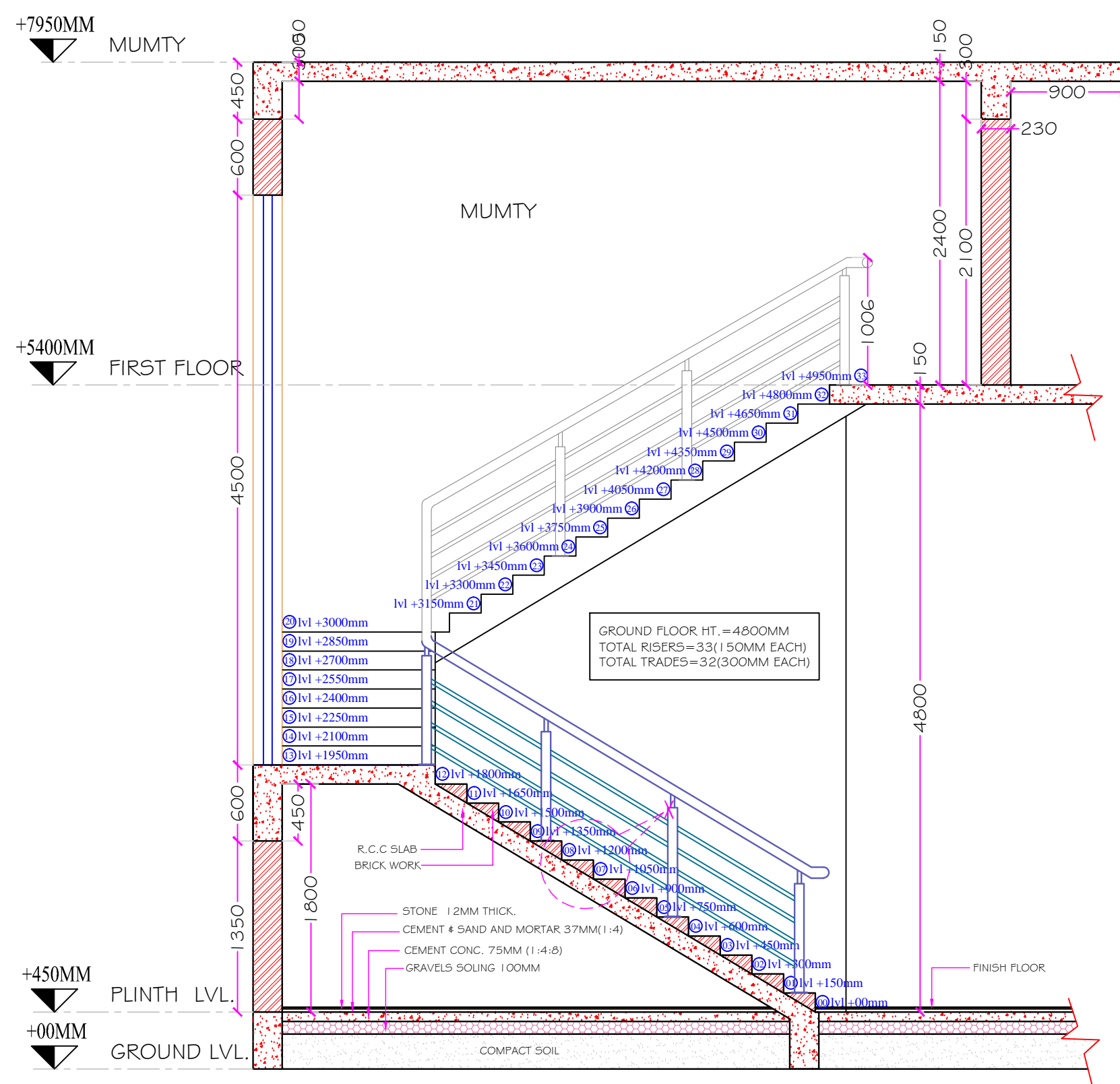
ALL DIMENSION ARE IN MM.

JANMEJAY SINGH , I I 50101034
B. ARCH ,FINAL YEAR
BBDU ,LUCKNOW
THESIS GUIDE :- AR DEEPTI SAGAR

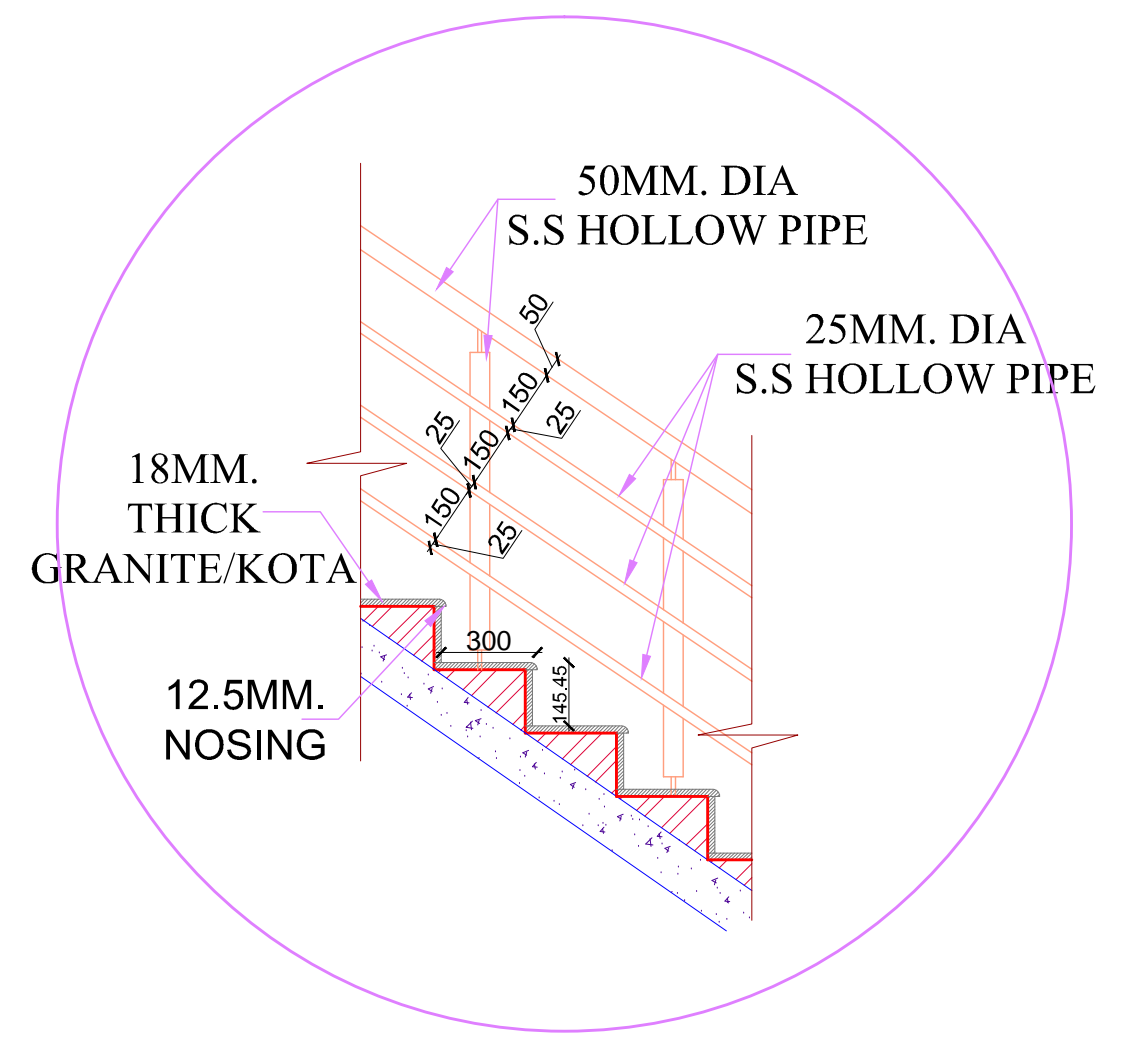




GROUND FLOOR



SECTION-S I



DETAIL-X

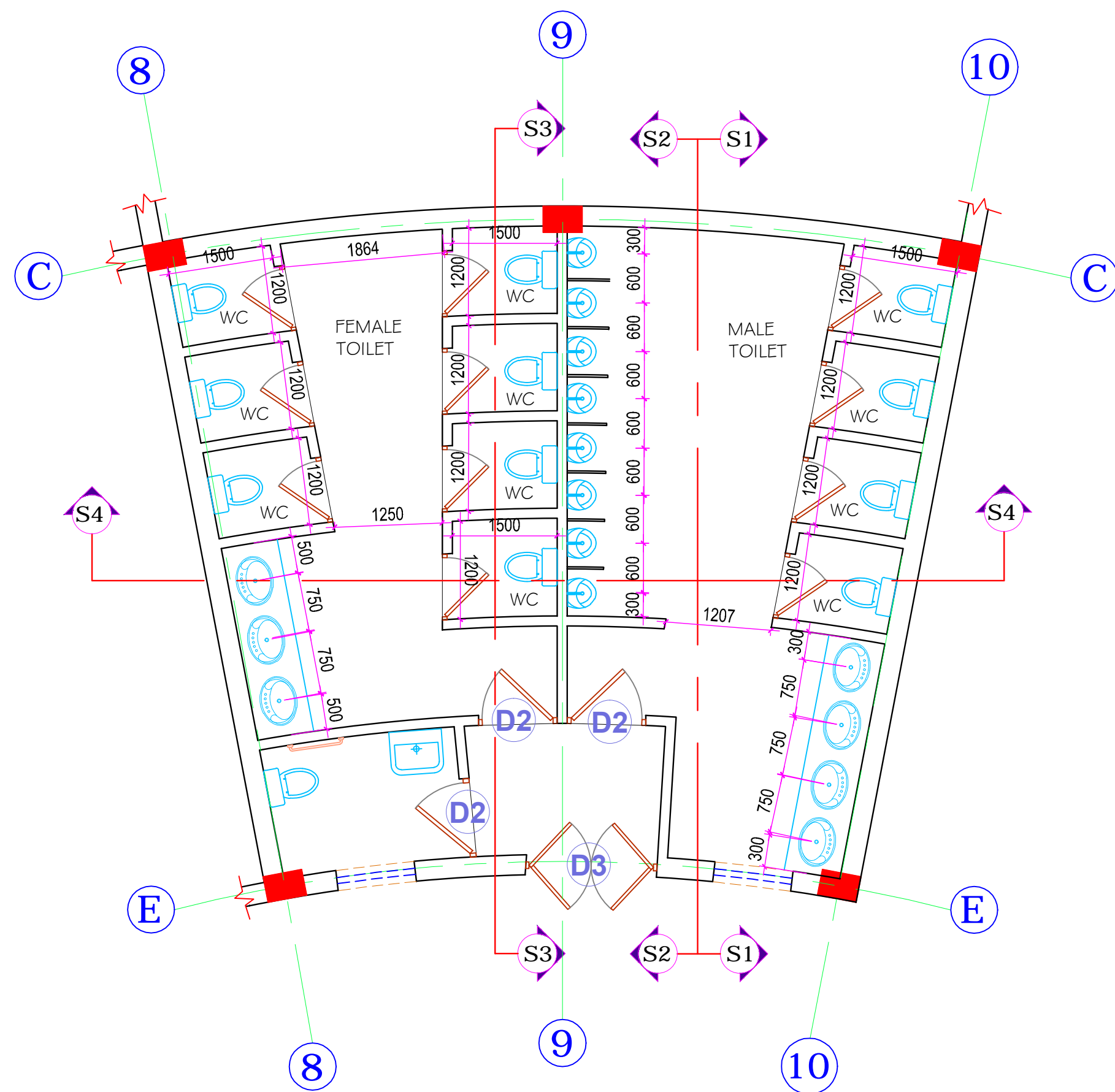
KALAGRAM (MEHRAULI , NEW DELHI)

DRAWING TITLE:- STAIR DETAILS

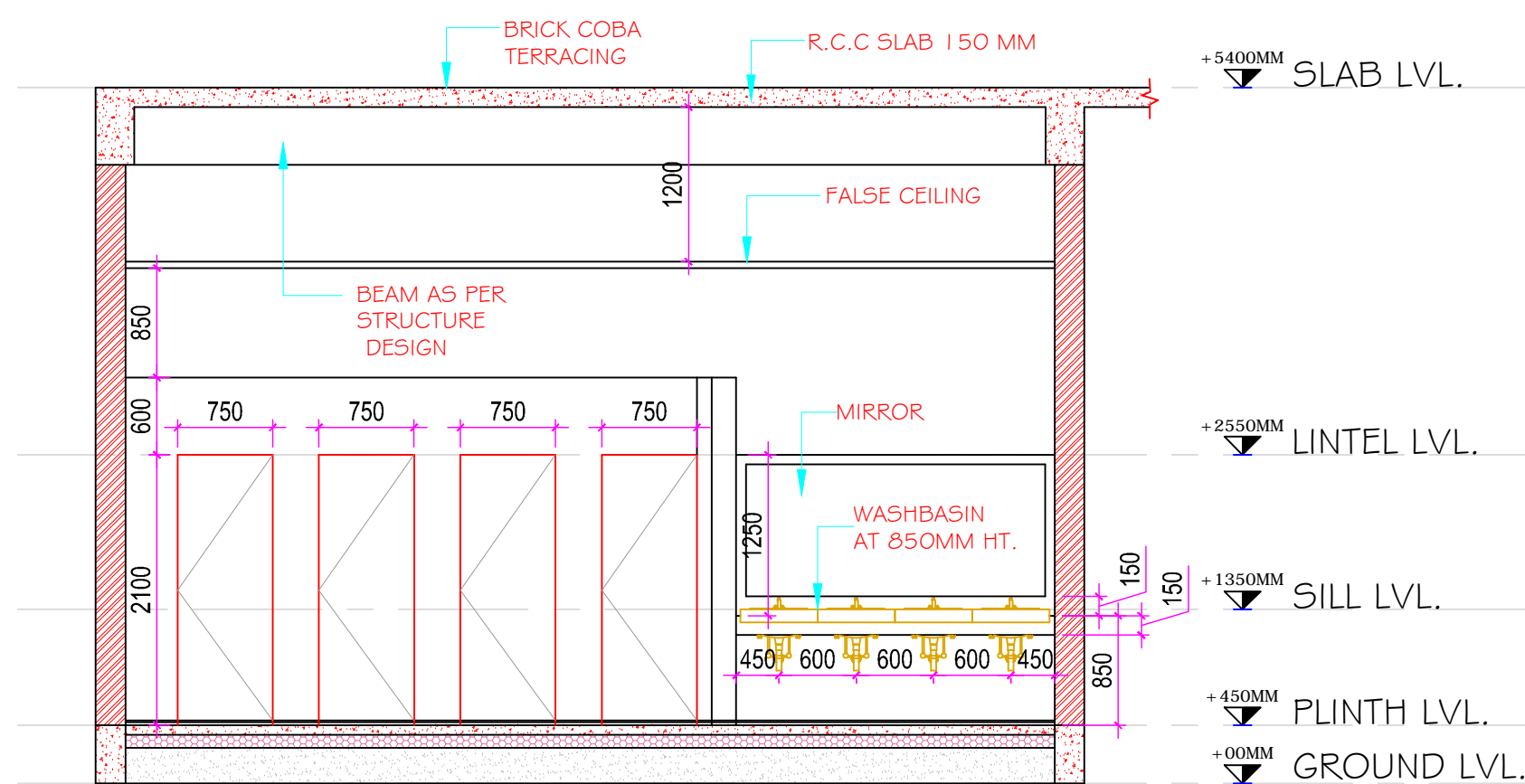
ALL DIMENSION ARE IN MM.

JANMEJAY SINGH , I I 50 I 0 I 034
B. ARCH ,FINAL YEAR
BBDU ,LUCKNOW
THESIS GUIDE :- AR DEEPTI SAGAR

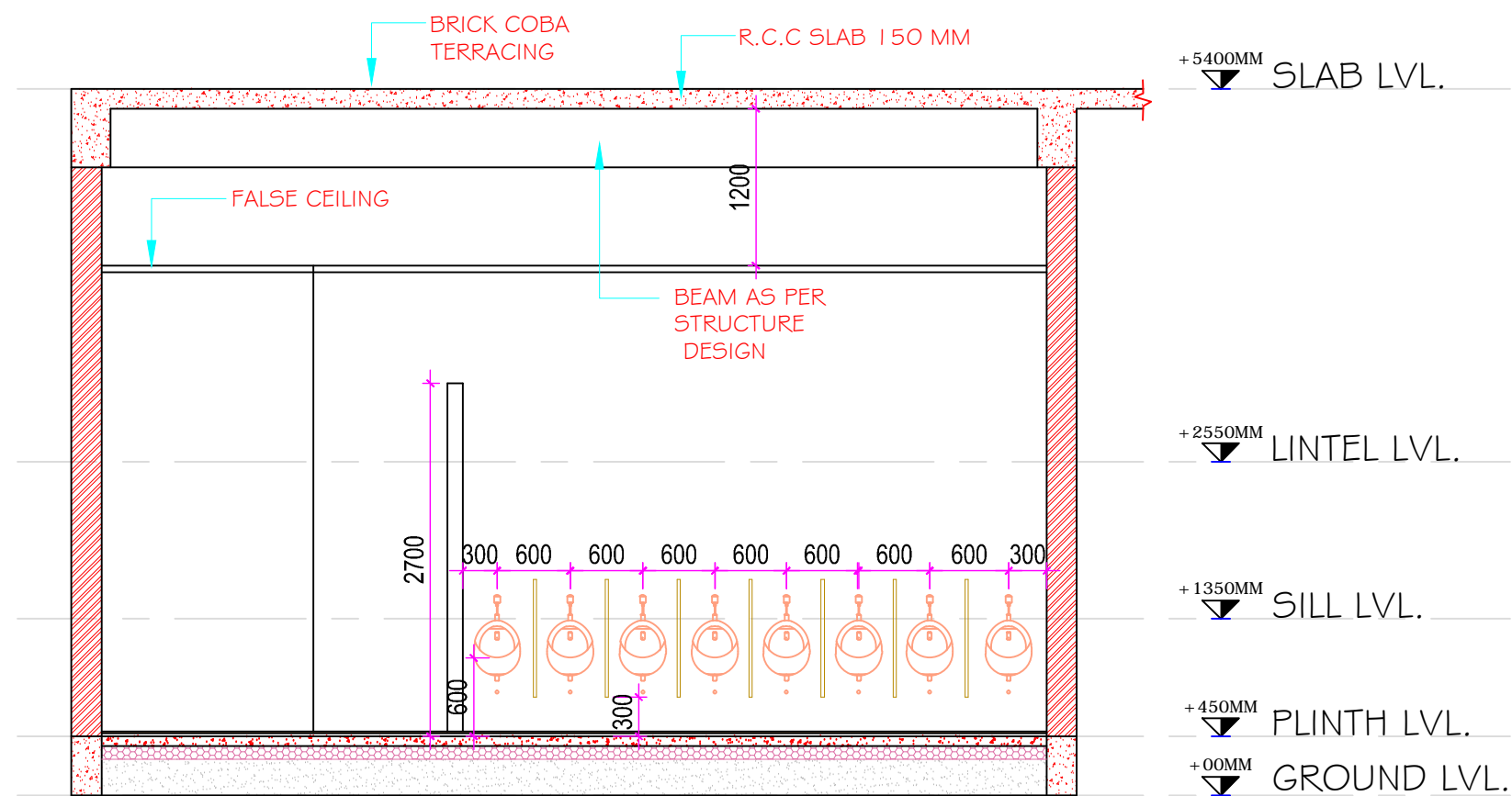




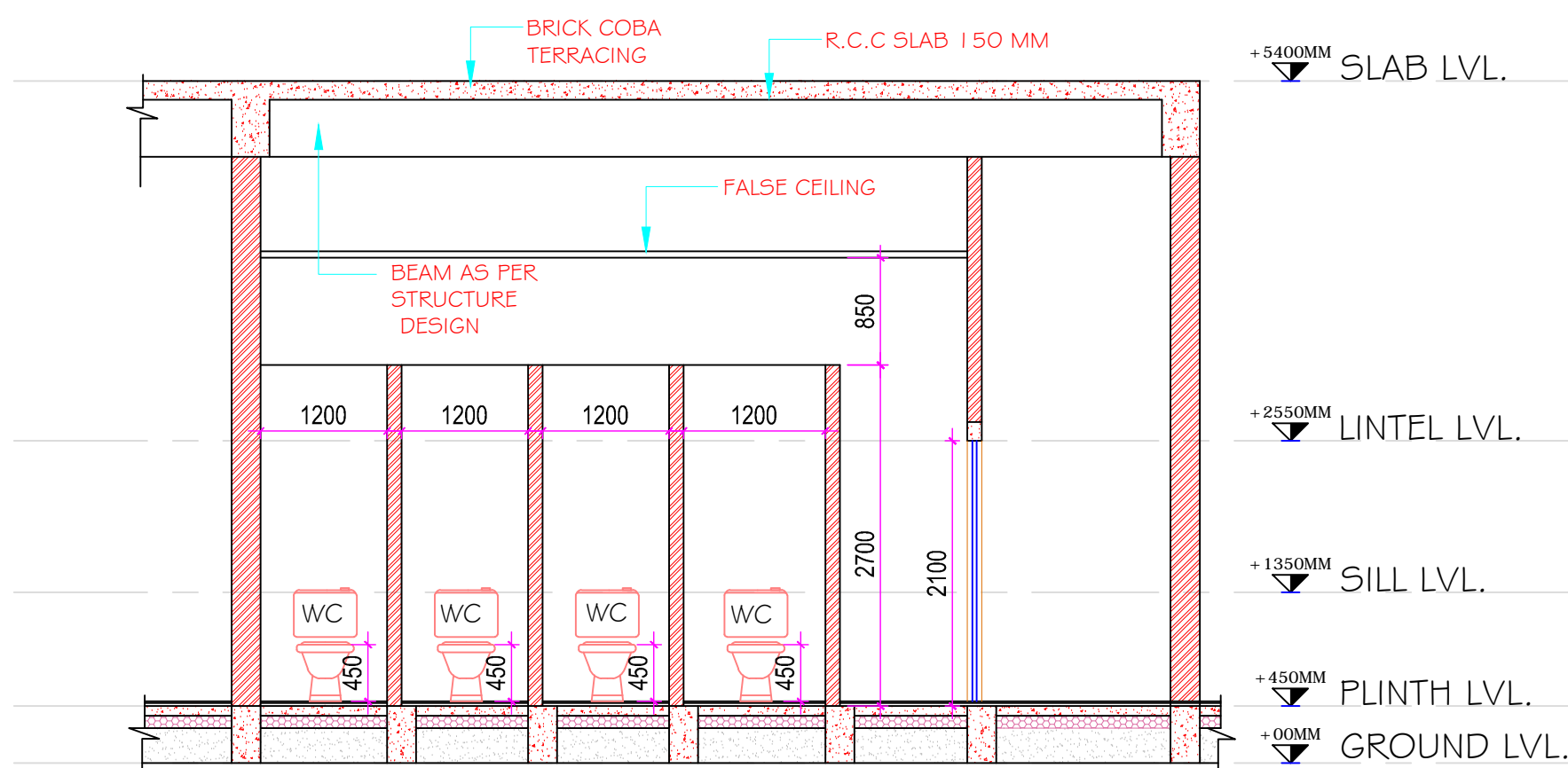
TOILET LAYOUT PLAN
44 SQM



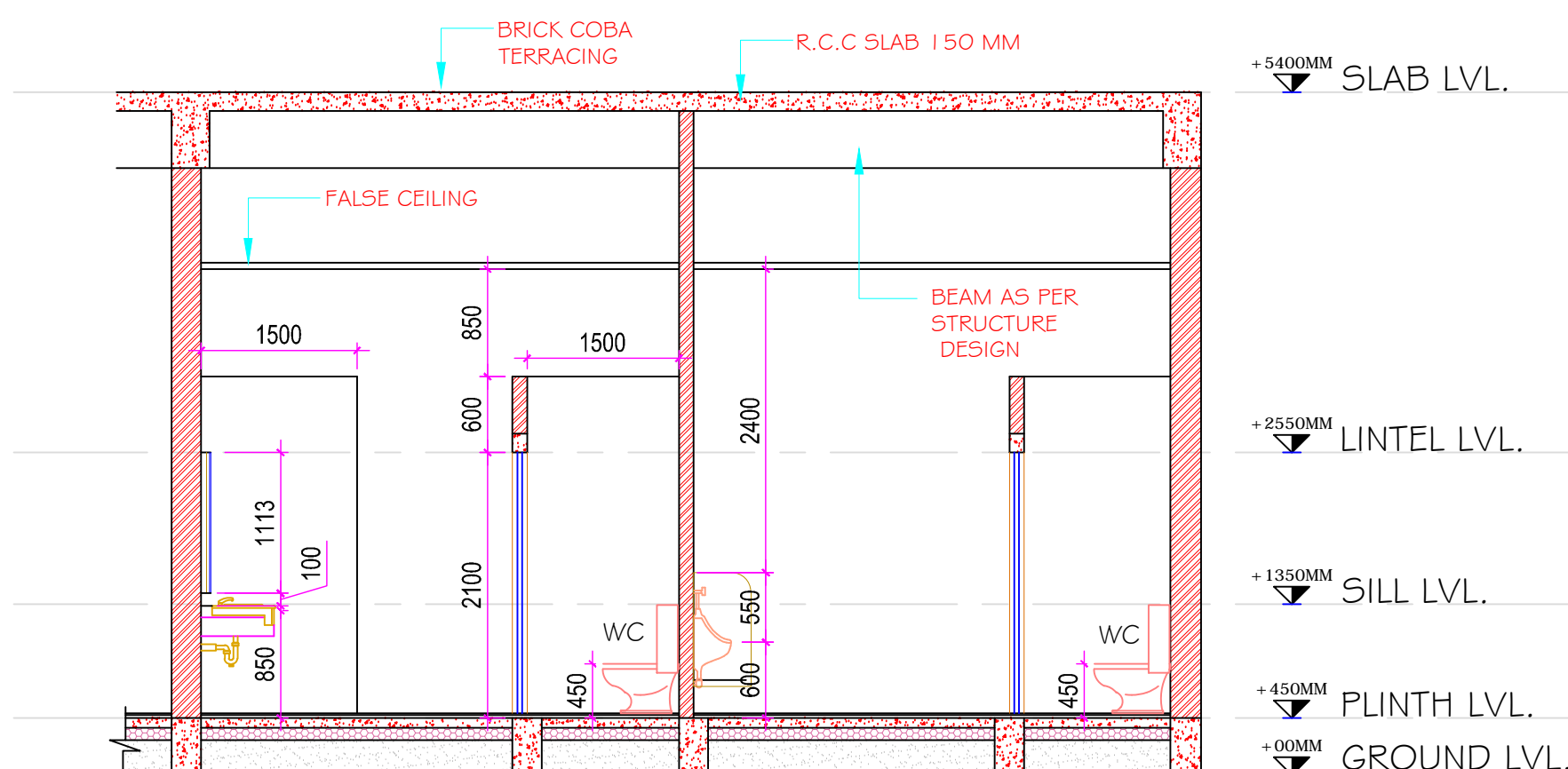
SECTION-S1



SECTION-S2



SECTION-S3



SECTION-S4

KALAGRAM (MEHRAULI , NEW DELHI)

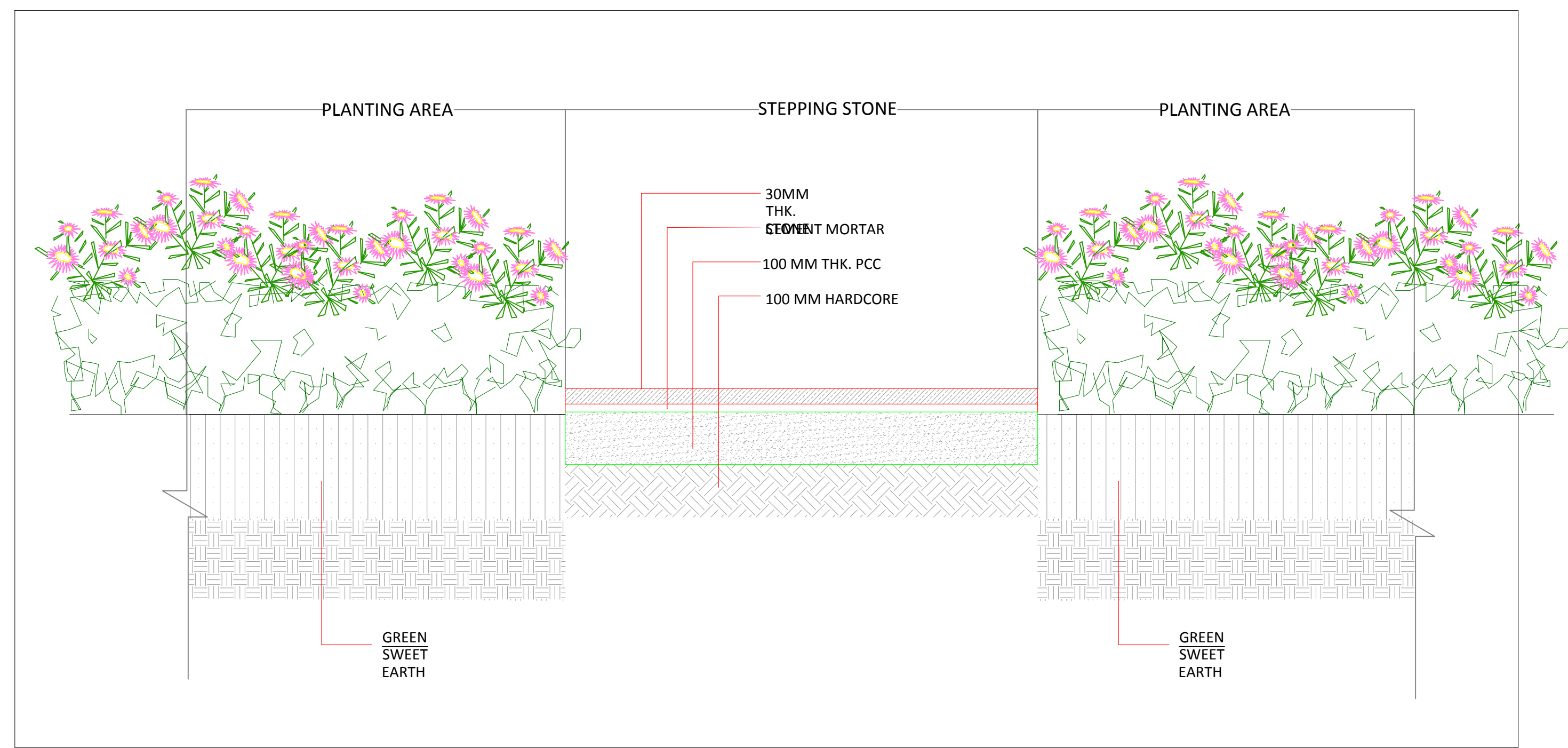
DRAWING TITLE:- TOILET DETAILS

ALL DIMENSION ARE IN MM.

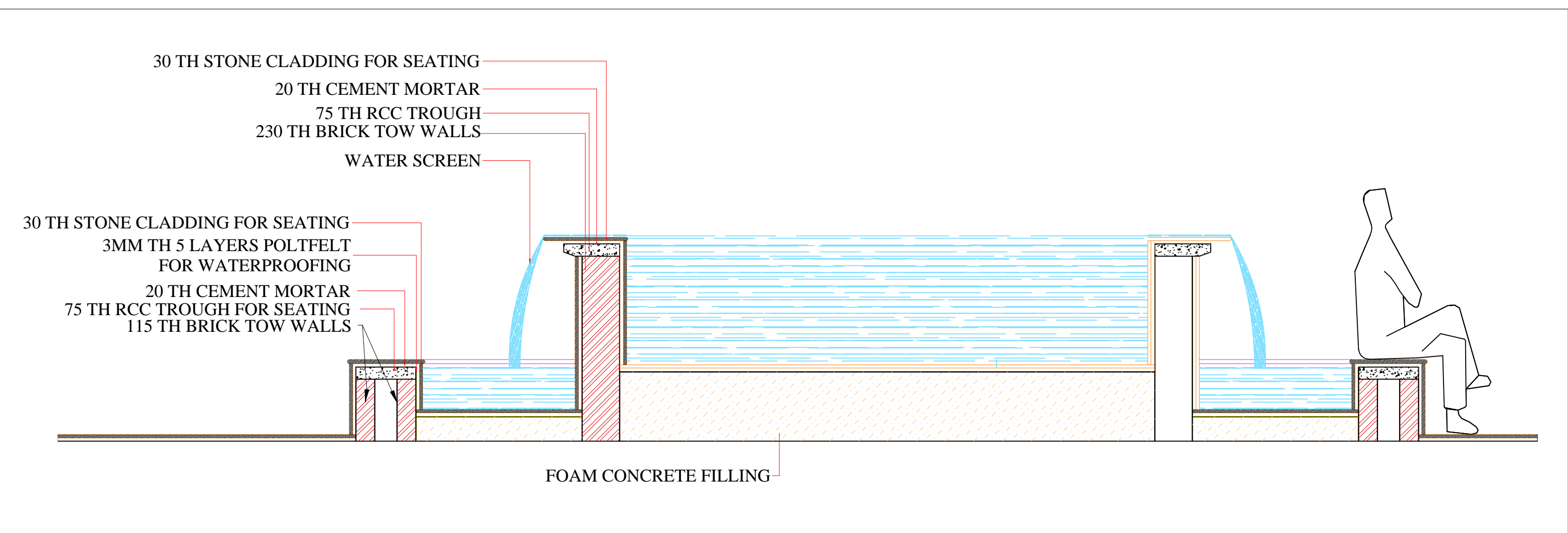
JANMEJAY SINGH , I I 50101034
B. ARCH ,FINAL YEAR
BBDU ,LUCKNOW
THESIS GUIDE :- AR DEEPTI SAGAR



DETAIL-1



DETAIL-2



S.NO.	BOTINICAL NAME	LOCAL NAME	HEIGHT / SHAPE	FOLIAGE	FLOWERING	SPECIAL FEATURE
1.	DELONIX REGIA	GULMOHAR	10 TO 15M; UMBRELLA SHAPED	LIGHT FEATHERY 10 TO 20 CM PINNACAE	SCARLET RED, ORANGE WRINKLED AT TIP, APR-JUN	EVERGREEN, QUICK GROWING
2.	SPATHODEA CAMPANULATA	AMALTAS	6 TO 10M HIGH	LIGHT FEATHERY 10 TO 20 CM PINNACAE	SCARLET RED, ORANGE WRINKLED AT TIP, APR-JUN	EVERGREEN, QUICK GROWING
3.		AKASH NEEM	20MT COLUMNAR	LARGE, 50 TO 60 CM, LEAFLET 4 TO 6 CM LONG	WHITE CYLINDRICAL 25 TO 30CM LONG FRAGRANCE, HT. BLOOMING IN AUTUMN AND SPRING	EVERGREEN, QUICK GROWING
4.		QUEEN OF NIGHTS	LARGE SHRUB	LEAVES ALTERNATE OVATE, ABLONG 10.4CM LONG	CREAMY WHITE LIGHTLY SCENTED, AT NIGHTS. 2CM LONG TUBULAR, BLOOM IN SUMMER AND RAIN	EVERGREEN
5.	AZADIRACHTA INDICA	NEEM	10 TO 16MT SPHERICAL	DELICATE SHINY 20 TO 40 CMS, SCENTED	YELLOW IN MAR-APR	MEDICINAL PURPOSE, SLOW GROWING
6.	SYZYGUM CUMIM	JAMUN	25 TO 30MT OVAL	DARK GREEN, GLOSSY ROUND LEAVES	SMALL DIRTY WHITE IN FEB-MAY, FRUIT OBLONG FLESHY DEEP PURPLE PULP	BARK IS ASTRIGENT AND USED IN SORE THROATS, ASTHMA ETC.
7.	HIBISCUS ROSA SINENSIS	CHINA ROSE	1 TO 3M	OVATE COARSELY TOOTHED	LARGE WHITE/ RED/ PINK/ ORANGE COLOURED	USED AS HEDGE
8.	CHRYSANTHIUM	SADABAHAR	40 TO 60 CM	DULL GREEN SMALL	WHITE / YELLOW / PINK / PURPLE IN WINTER, NUMEROUS PETALS	
9.	CASSIA NODOSA	PINK CASSIA	12 TO 16M HT: UMBRELLA	20 TO 30 CM LONG LEAF, DENSE	BRIGHT PINK ON ERCT OCCURS DURN MAR-APR	EVERGREEN
10.	DELONIX REGIA	GULMOHAR	12M		IT IS A TREE THAT IS LARGELY GROWN FOR ITS BEAUTY. THE WOOD WHICH IS WHITE AND SOFT IS USED FOR MAKING ORNAMENTS, AND CAN BE VERY HIGHLY POLISHED. THE FLOWERS AND BUDS ARE USED (AS A HERB) FOR FLAVORING FOOD.	

KALAGRAM (MEHRAULI , NEW DELHI)

DRAWING TITLE:- LANDSCAP

ALL DIMENSION ARE IN MM.

JANMEJAY SINGH , 1150101034
B. ARCH ,FINAL YEAR
BBDU ,LUCKNOW
THESIS GUIDE :- AR DEEPTI SAGAR



