

REHABILITATION CENTER FOR ACID ATTACK SURVIVORS

THESIS REPORT ON

**“(TOPIC NAME-: REHABILITATION CENTER FOR ACID
ATTACK SURVIVORS),**

(LOCATION-:BALLABGARH ,HARYANA)”

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

BACHELOR OF ARCHITECTURE

BY

(STUDENT NAME-ANKITA SINGH)

(ROLL NO. 1150101015)

THESIS GUIDE

**(GUIDE NAME-: PROF. MOHIT KUMAR AGARWAL
AR. RAMAKANT)**

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“(topic name-: **REHABILITATION CENTER FOR ACID ATTACK SURVIVORS**), (location-:**BALLABGARH HARYANA**)“ under the supervision, is the bonafide work of the students and can be accepted as partial fulfillment of the requirement for the degree of Bachelor’s degree in architecture, school of Architecture and Planning, BBDU, Lucknow.

Prof. Mohit Kumar
Agarwal
Dean of Department

Prof. Sangeeta Sharma

Head of Department

Recommendation Accepted

Not Accepted

External Examiner

External Examiner

SCHOOL OF ARCHITECTURE AND PLANNING BABU BANARSI DAS UNIVERSITY LUCKNOW, (UP).

1. Name	ANKITA SINGH		
2. Roll No.	: 1150101015		
3. Thesis Title	: REHABILITATION CENER FOR ACID ATTACK SURVIVORS		
4. Degree for which the thesis is submitted:		
5. Faculty of University to which the thesis is submitted:			Yes / No
6. Thesis preparation guide was referred to for preparing the thesis.			Yes / No
7. Specification regarding thesis format have been closely followed.			Yes / No
8. The content of the thesis have been organized based on the guidelines.			Yes / No
9. The thesis has been prepared without resorting to plagiarism			Yes / No
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.....
(Signature of the Candidate)
Name-: ANKITA SINGH
Roll No-: 1150101015

ACKNOWLEDGEMENT

In perusing my Thesis Project many people encouraged me and guided me to complete it which is REHABILITATION CENTER FOR ACID ATTACK SURVIVOR.

The task would have been an impossible one without proper guidance and help of many individuals acknowledging whose efforts is my duty.

I would like to express my tender feeling and sense of deep gratitude to my Thesis Guide-: to Prof. Mohit Kumar Agarwal AND AR RAMAKANT for his support and guidance at every moment wherever I required.

I also extend sincere thanks to Prof. Mohit Kumar Agarwal (Dean of department) and (Head of Department) Prof. Sangeeta Sharma (School of Architecture and Planning,BBD University Lucknow, UP.) who provided valuable and helpful comments & suggestions at every stage of the research work.

I am also grateful to All faculty members of the school of architecture and planning babu banarasi das university, lucknow (u.p.).for there valuable suggestions & efforts.

I would also like to thank the staff of the department for their support whenever needed.

REHABILITATION CENTER FOR ACID ATTACK SURVIVORS

INTRODUCTION

- **Haryana** is one of the [28 states in India](#), located in northern part of the country.
- It was carved out of the former state of [East Punjab](#) on 1 November 1966 on [linguistic](#) as well as on cultural basis.
- **Nawada Tigaon** Village, with population of 2812 is [Ballabgarh sub district](#)'s the 29th most populous village, located in [Ballabgarh](#) sub district of [Faridabad](#) district in the state [Haryana](#) in [India](#).
- Total geographical area of **Nawada Tigaon** village is 3 km² and it is the 42nd smallest village by area in the sub district. Population density of the village is 887 persons per km².

AIMS:-

- Organization the seminars, workshops and training programs.
- To promote behavior change ,and to fill the gap between architecture and society.
- To fulfill the requirements based upon their activities for all the areas including lighting, ventilation and space allocation.
- To design a REHAB CENTRE FOR ACID ATTACK SURVIVORS in such a way, it becomes a landmark in the enhancement of tourism in DELHI .

OBJECTIVE:-

From this project, I will gain sufficient knowledge about

- the circulation patterns of various users,
- services and public amenities,
- interrelationships among the departments,
- techniques & technologies in operation theatres and emergency wards and
- Details about the basic infrastructure facilities in the hospital.

VIABILITY:-

- As per today's psychology of the society the acid victims are treated badly which lowers down their strength to face and to live in the society as they are treated differently from the normal beings
- In addition to this, the high-tech city is developing at an incredible speed.
- An degree college is also proposed nearer to the site.

SCOPE:-

From this project, I will gain sufficient knowledge about

- the circulation patterns of various users,
- services and public amenities,
- interrelationships among the departments,
- techniques & technologies in operation theatres and emergency wards and

RHABILITATION CENTER FOR ACID ATTACK SURVIVORS

- Details about the basic infrastructure facilities in the hospital.

TABLE OF CONTENTS

Chapter-01 Site Study

	Page No.
• Site Location	01
• Introduction	01
• About City	01
• Geographical	02
• Climate	02
• Rivers	02
• Crop	02
• Site Location	02
• Site Surrounding	02
• Landmark	03
• Approving authority,(Site Plan)	03
• Land use	03
• Soil	03
• Local Building Material	03
• Geographical Climate	04
• Sun Movement Wind Direction	04
• Building orientation	05
• Rainfall	05

Chapter-02 CASE STUDY **CHHANY HOME**

• Introduction	06
• Site Location	06
• Location map	07
• View	07
• Site Plan	08
• Ground Floor Plan	09
• First Floor Requirement	10

Chapter-03 LITERATURE STUDY

RHABILITATION CENTER FOR ACID ATTACK SURVIVORS

ATMASANTULAN VILLAGE IN LONAVALA

- Introduction, Site Location, View 23
- Site Plan 24
- Ground Floor Plan 25
- First Floor Plan 26
- Services, Parking 27
- Inferences 28

BOISAR HOME

- Introduction ,Site location, 29
- Design consideration 29
- Unique feature in the hospital 29
- Site Plan 30
- PLAN 31

Chapter-04 Comparative

- Comparative 44-46

Chapter-05 Standarded

- standard According I.S Code 47-50
- STANDARD 51-53

Chapter-06 Concept

● Introduction, Concept	58
● Building Orientation	59
● Site zoning	60
● Bubble Diagram	61
● Design Requirement	62
● Flow Chart	63
● Technology and Material	64-67
● Horizontal Vertical stacking	68

Chapter-07 Architecture Floor Plan

- Site Landscape Plan
- FLOOR PLAN OF ADMIN BLOCK
- ELEVATION AND SECTION
- HEALTH CARE CENTER FLOOR PLAN
- Section Elevation
- RESTAURANT PLAN
- ELEVATION AND SECTION
- MEDITATION CENTER FLOOR
- PLANS AND SECTION ,ELEVATION
- TRAINING AND LIBRARY PLAN
- ELEVATION AND SECTION
- TYPE-1 PLAN
- ELEVATION AND SECTION
- TYPE-2
- ELEVATION AND SECTION
- TYPE-3 PLAN
- ELEVATION AND SECTION
- GIRLS HOSTEL PLAN
- ELEVATION AND SECTION
- BOYS HOSTEL PLAN
- ELEVATION AND SECTION

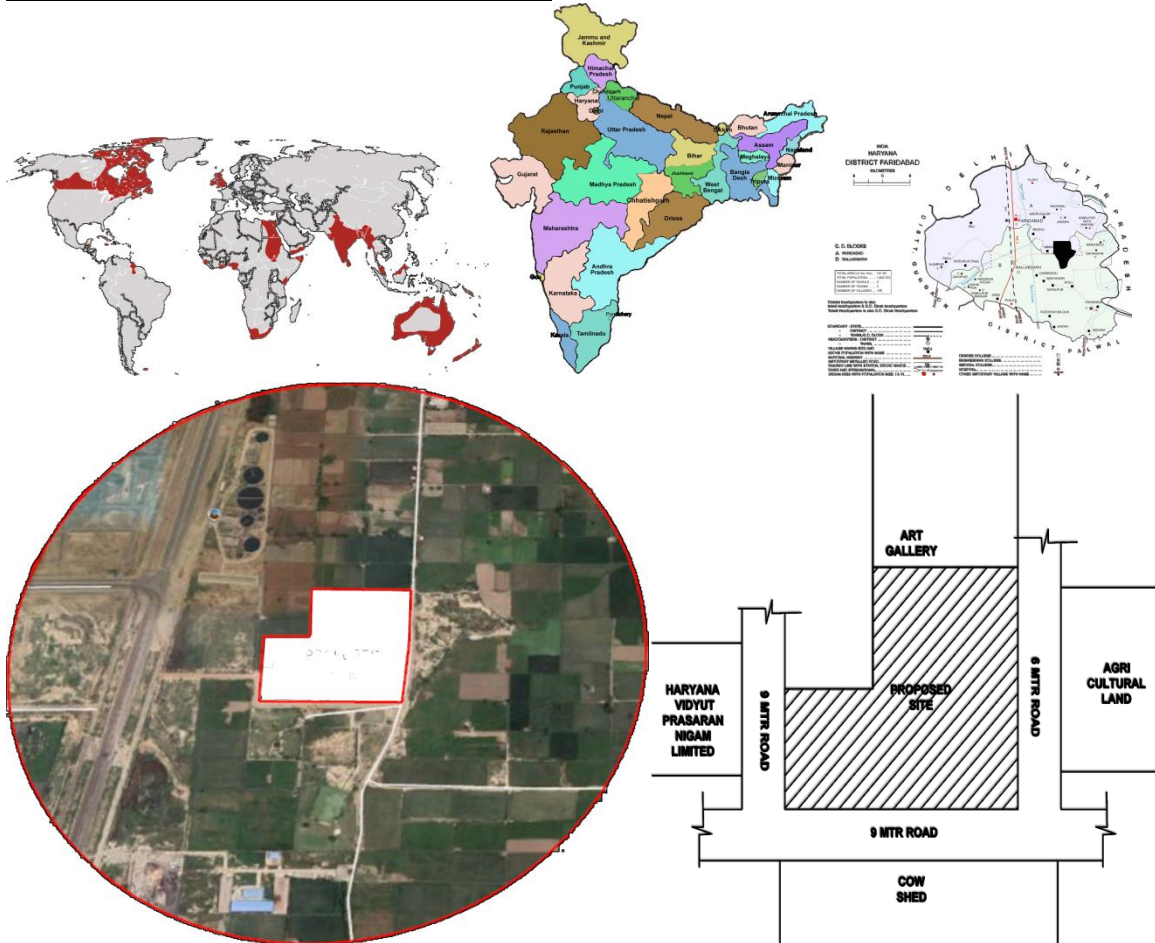
CHAPTER-

01

SITE STUDY

REHABILITATION CENTER FOR ACID ATTACK SURVIVORS

SITE ANALYSIS.....



SITE LOCATION

LOCATED IN 89 HF + V4 Nawad tigaon is a village situated in faridabad district of haryana which falls i india.

SITE AREA:- 10 ACRE

LANDUSE:- Lies under Residential area.

OWNER:- Artifical limbs manufacturing corporation of india

GEOGRAPHY

The geographical latitude and longitude of Nawada Tigaon coordinates is 24° 52' 47.9964" N and 85° 31' 47.9964" E.

ACCESS TO THE SITE

Site is approachable from three side from the IMT main road and its connected to faridabad bypass.

Ring road is at south east. access to the site.

THE SITE IS EASILY ACCESSIBLE FROM:-

Site is approachable from three side from the IMT main road and its connected to faridabad bypass. Ring road is at south east.

SEISMIC ZONE

Delhi, Chandigarh and many parts of Haryana lie in Zone IV and thus they are extremely vulnerable to earthquakes. Most earthquakes in this region are extremely vulnerable to earthquakes. Most earthquakes in this region are shallow though a few earthquake of intermediate depth have been recorded in Haryana.

RHABILITATION CENTER FOR ACID ATTACK SURVIVORS

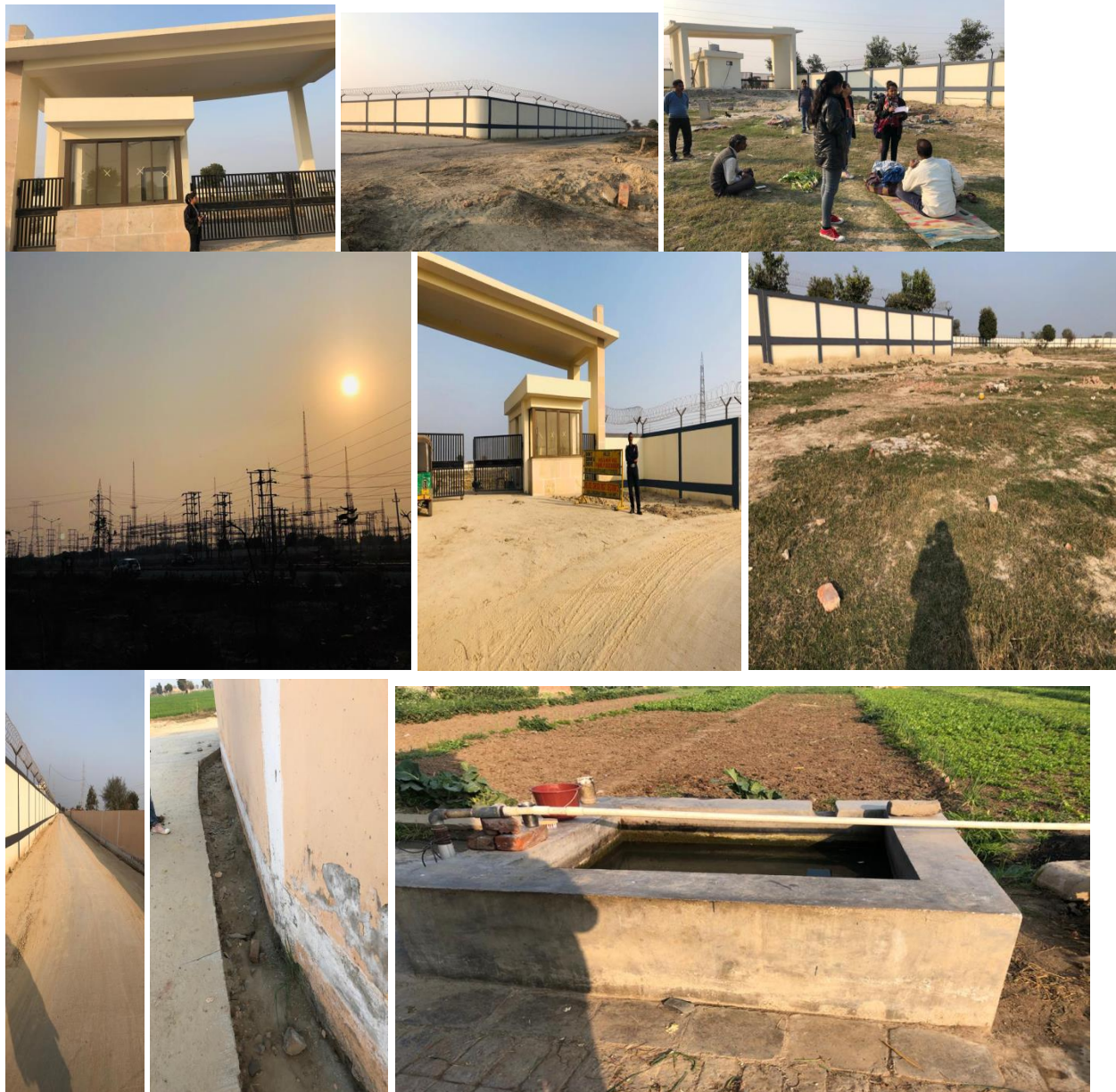
SERVICES:-

ELECTRICAL SUPPLY: Electrical is supplied using overhead electrical cables which run along the road adjacent to site. **POWER GRID-** 220/132/ 33 KV. over head line connect with the power grid to 33/11 kv.

WATER SUPPLY:- Water is supplied using TUBEWELLS .150 ft-motar fitting 300ft boaring.

DRAINAGE SUPPLY:- No drainage facility on the site .S.T.P. has to be provided.

EXISTING IMAGE



REHABILITATION CENTER FOR ACID ATTACK SURVIVORS

CRITERIA	DETAIL	REMARK
LOCATION	89 HF + V4 Nawad tigaon is a village situated in faridabad district of haryana	Positive
PLOT AREA	10acre.	
GEO- LOCATION	24° 52' 47.9964" N and 85° 31' 47.9964" E.	
ALTITUDE	252metre	
SITE ACCESS	IMT MAIN ROAD HIGHWAY (FARIDABAD BY-PASS)	Positive ,easily access
LAND USE	Lies under Residential And industrial area.	Positive
TOPOGRAPHY	Agricultural land	Positive ,for landscape
SOIL BEARING CAPACITY	1.0 kilogram/cubic centimeter	Positive
SLOPE	No slope.	Positive for desired slope can achieved
SOIL TYPE	CLAYEY SLIT, FINE SAND,SANDY SLIT soil are found is that area.	
LINKAGE	Ballabgarh railway station6.7 KM. Faridabad Nw Tn railway station 8.2 KM. Safdarjung Airport 32.3 KM. Indira Gandhi International Airport 36.7 KM. Delhi -51.3km	Positive
GROUND WATER TABLE DEPTH	Water is supplied using TUBEWELLS . 60-70feet	Positive
ANNUAL RAINFALL	450 mm	Negative IT is very unreliable.
SEISMIC ZONE	4 zone	Highly negative as prone to earthquake
ELECTRICAL SUPPLY	Electrical is supplied using overhead electrical cables which run along the road adjacent to site..	Positive

SITE SPECIFICATION AND CONNECTIVITY:-

LOCATED IN:- Nawad tigaon is a village situated in Faridabad.

SITE AREA:- 10 ACRE

LANDUSE:- Lies under Residential AND industrial area.

0.3KM (TIGAON TO CITY MOTORS PETROL PUMP BUS STOP)

32KM (TIGAON TO INDRA GANDHI AIRPORT)

5 KM (TIGAON TO BALLABGRAH)

REHABILITATION CENTER FOR ACID ATTACK SURVIVORS

6 KM (Ballabgrah railway station)

CLMATIC ANALYSIS:-

Latitude-24° 52' to 47.9964" n

LONGITUDE - 85° 31' TO 47.9964" E

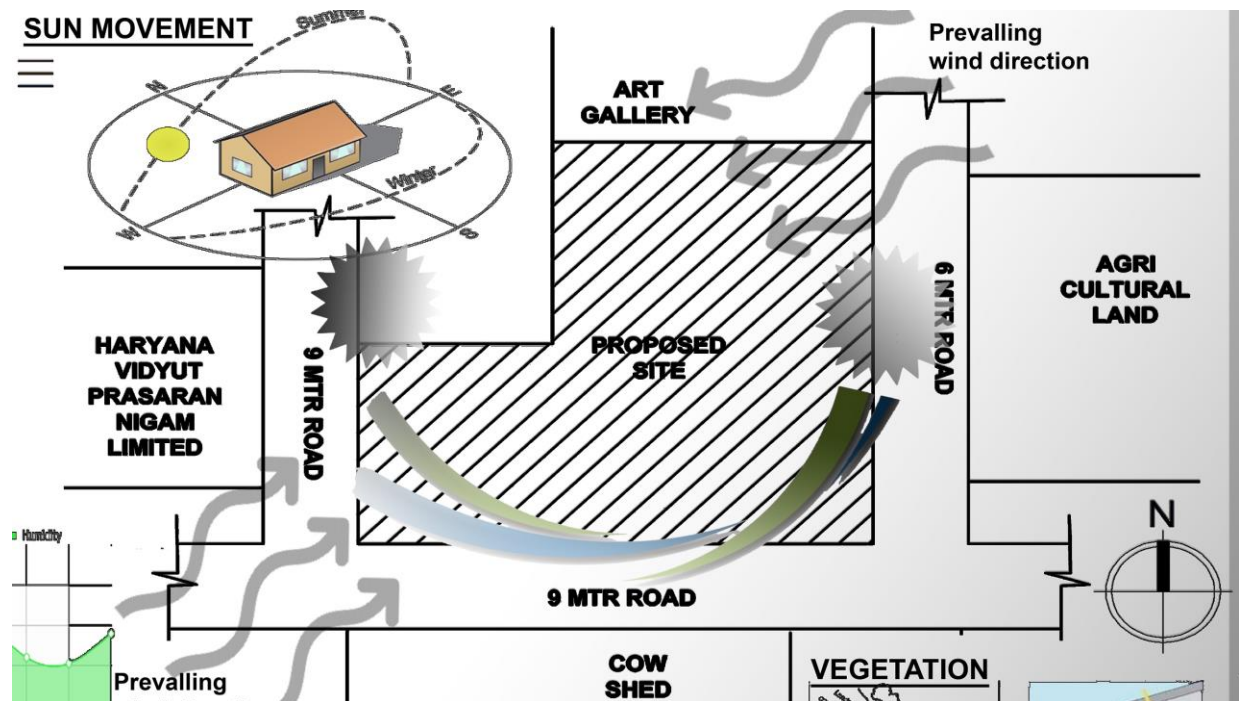
ALTITUDE- 252 metre

Climate type- Nawada tigaon lies in composite climate region with annual averagetemperature of 25°C, maximum temperature of 40°C in summers,minimum temperature of 3°C in winters, and average annual rainfall of approximately 714 millimetres. Nawada tigaon is characterised by four seasons.

- Cold weather season
- Hot weather season
- Southwest monsoon
- Northeast monsoon

TEMPERATURE

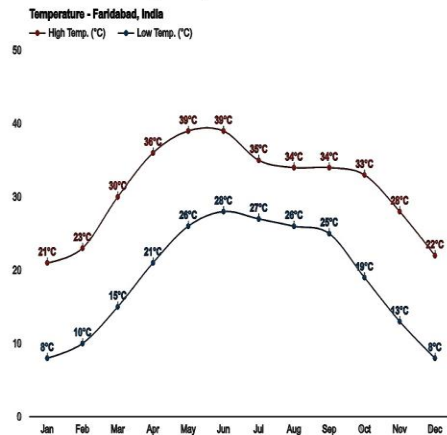
Faridabab is extremely hot in summer at around 45 °C (113 °F) and mild in winter. The hottest months are May and June and the coldest .December and January.[78] The climate is arid to semi-arid with average.rainfall of 354.5 mm .Around 29% of rainfall is received during the from July to. September, and the remaining rainfall is received during the period from December to February.



RHABILITATION CENTER FOR ACID ATTACK SURVIVORS

TEMPERATURE

Faridabad is extremely hot in summer at around 45 °C (113 °F) and mild in winter. The hottest months are May and June and the coldest December and January.[78] The climate is arid to semi-arid with average rainfall of 354.5 mm .Around 29% of rainfall is received during the from July to September, and the remaining rainfall is received during the period from December to February



June is the hottest month with the mean daily maximum temperature at 40°C . and the daily minimum at 28°C.

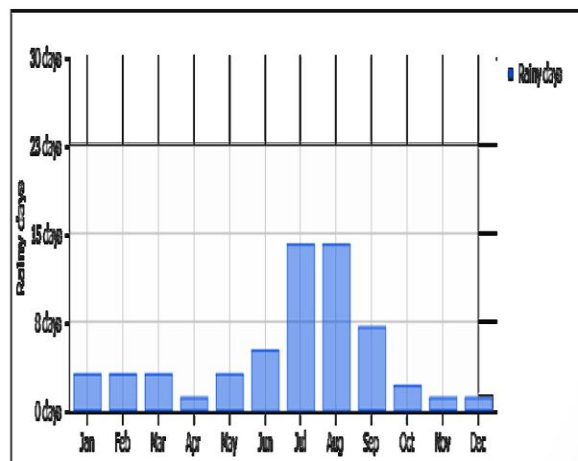
January is the coldest month with mean daily maximum at 28°C

	January	February	March	April	May	June	July	August	September	October	November	December
Avg. Temperature (°C)	14.4	17.1	22.7	28.6	33.5	34.2	31.2	29.7	29.2	25.9	20.3	15.7
Min. Temperature (°C)	7.4	10.1	15.1	20.9	26.4	28.6	27.1	26	24.5	18.7	11.8	8
Max. Temperature (°C)	21.4	24.1	30.4	36.4	40.7	39.9	35.3	33.5	34	33.1	28.8	23.5
Avg. Temperature (°F)	57.9	62.8	72.9	83.5	92.3	93.6	88.2	85.5	84.6	78.6	68.5	60.3
Min. Temperature (°F)	45.3	50.2	59.2	69.6	79.5	83.5	80.8	78.8	76.1	65.7	53.2	46.4
Max. Temperature (°F)	70.5	75.4	86.7	97.5	105.3	103.8	95.5	92.3	93.2	91.6	83.8	74.3
Precipitation / Rainfall (mm)	17	6	12	3	6	31	184	188	118	31	3	5

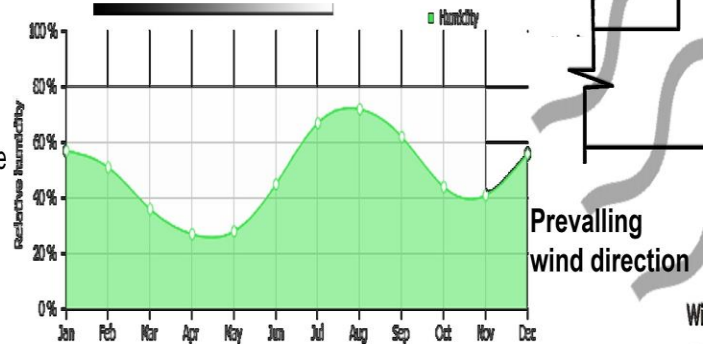
Between the driest and wettest months, the difference in precipitation is 185 mm | 7 inch. The variation in annual temperature is around 19.8 °C | 67.6 °F.

RAINFALL

There is not much rainfall in Faridabad all year long. According to Köppen and Geiger, this climate is classified as BSh. The rainfall here is around 604 mm



HUMIDITY



Prevailing wind direction

Average relative humidity in New Delhi, India

.On average, August is the most humid.

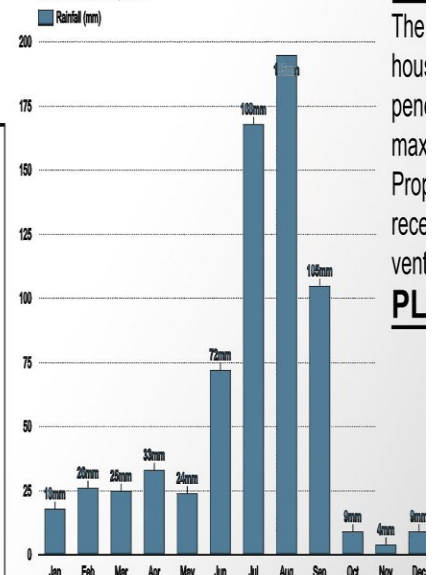
.On average, April is the least humid month.

.The average annual percentage of humidity is: 49.0%

WIND

This region receives strong winds during monsoons, from the south-east and dry cold winds from the north-east In summer, the winds are hot and dusty •• The sky is overcast and dull in the monsoon, clear in winter and frequently hazy in summer

Rainfall - Faridabad, India



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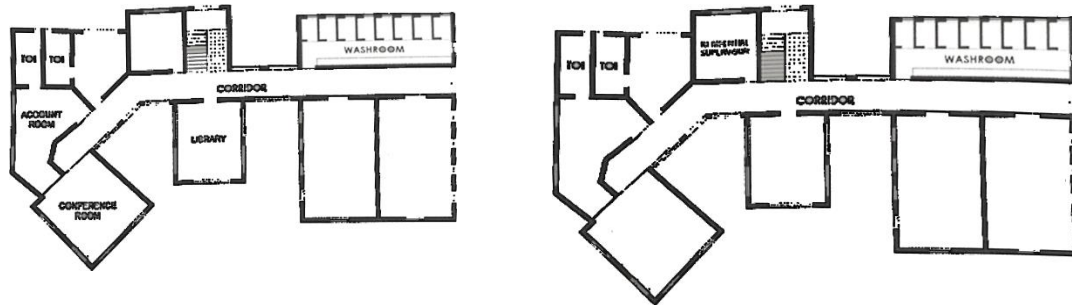
CHAPTER-02

CASE

STUDY-01

CASE STUDY-1 (CHHANV HOME)

REHABILITATION CENTRE, DELHI)



PLANNING

Building design according to the Psychology of the survivors of acid attack survivors. Permeability throughout the whole building design. Admission of more light and air in the building to support victim's development. Use of bright and vibrant colours to make the place look lively.

DORMITORY

Dormitory for the girls are designed with max possible fenestration and ventilation so that they get all the facilities which they were deprived from in brothers.

Colours

Use of bright and vibrant colours to make the space lively and joyful.

OPEN CORRIDORS.

Use of french windows to illuminate the corridors with light and provide the light and provide the building with fresh air all time .

COMPOUND WALL

1. Compound wall in 5 feet high.
2. It is designed in an arch style with several cut-out patterns to maintain transparency with the outer world so that the victims and other people of society can have connections with each other.
3. Short wall with cut-outs do not give victims the feelings of being trapped and does not hinder their freedom.

DOORS

Main door is made up of glass to give girls the feeling of freedom.

2. There are no locks on the door.

3. The locking system is such that the person can open the door from inside without any key but from outside to open the door key is needed.

DEAD STUDY-(ATMASANTULAN VILLAGE)REHABILITATION CENTRE

LOCATION- Atmasantulana Village,
Near MTDC Holiday Resort, Off. Old
Pune-Mumbai Highway, Karla,
Tal: Maval, Lonavla, Maharashtra.

FOUNDER - SHRI BALAJI AMBE

AREA OF SITE- 35 acres

CHAPTER-3

LITERATURE

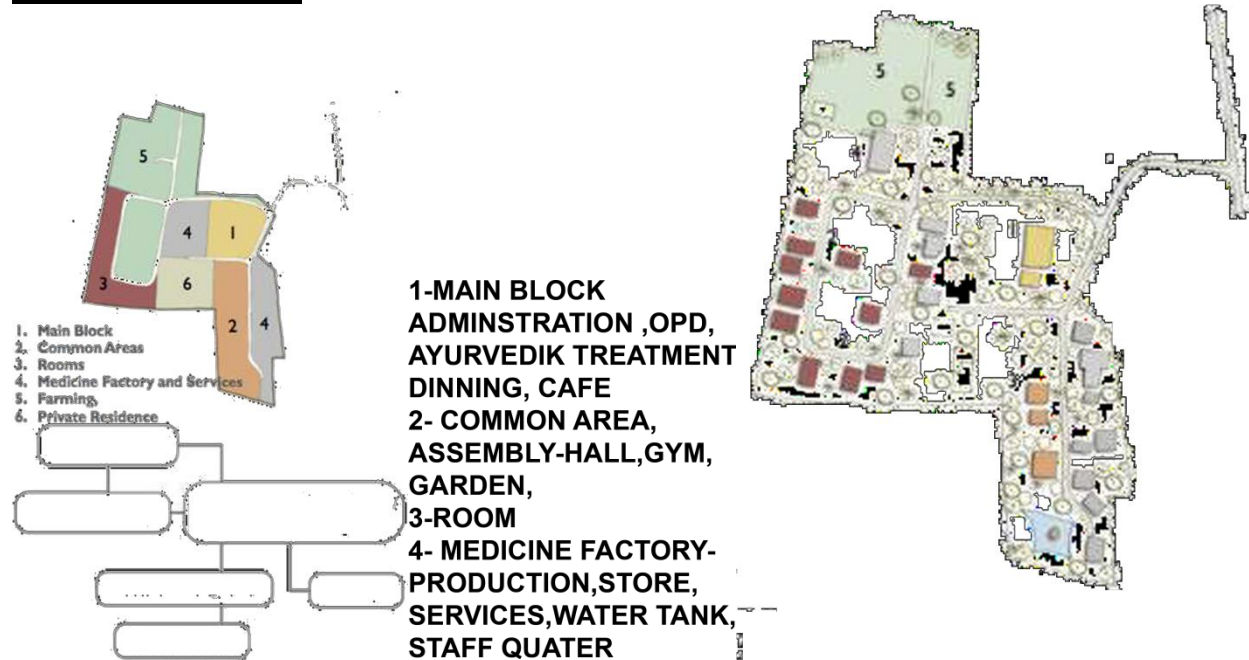
STUDY-01

REHABILITATION CENTER FOR ACID ATTACK SURVIVORS

SITE SURROUNDING:

Located near to Lonavala in a beautiful rustic setting on it's own campus. Nearest Railways Station: Lonavala Nearest Airport: Pune and Bombay
Sattvik Excursions around and in Lonavala.

SITE PLAN:-ZOING



ADMINISTRATION



AYURVEDIK TREATMENT



DINNING HALL

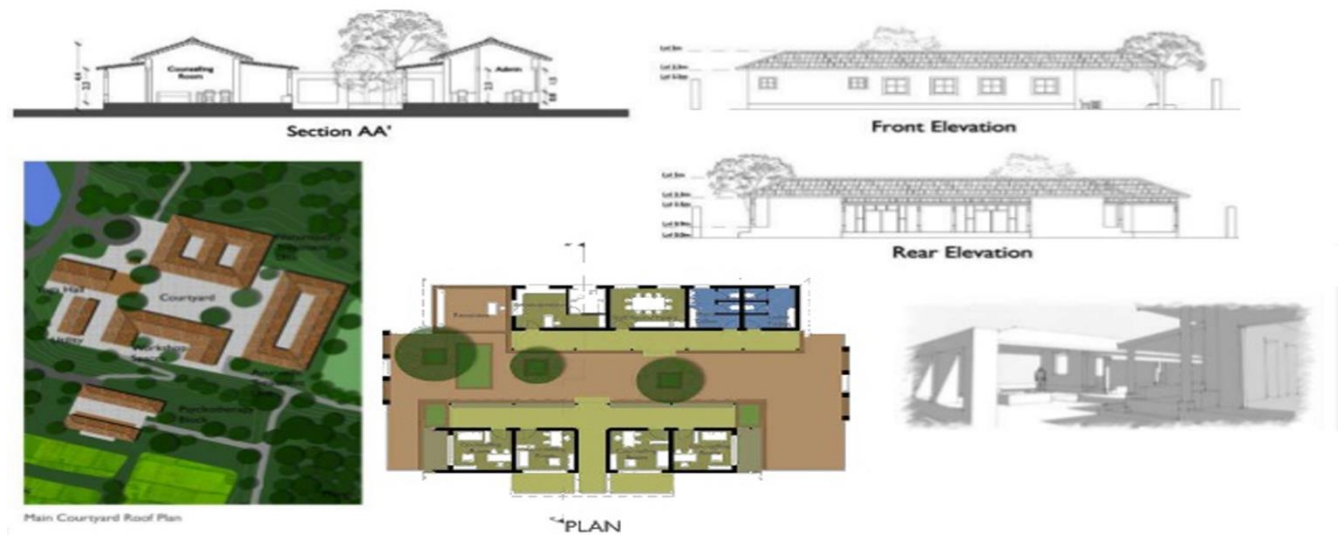


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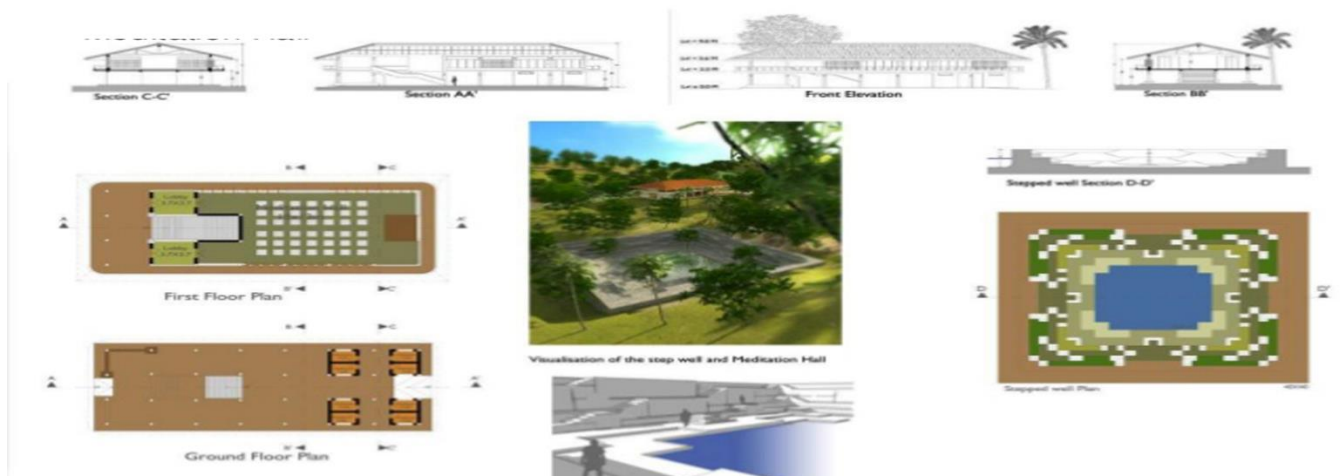
MAIN COURTYARD



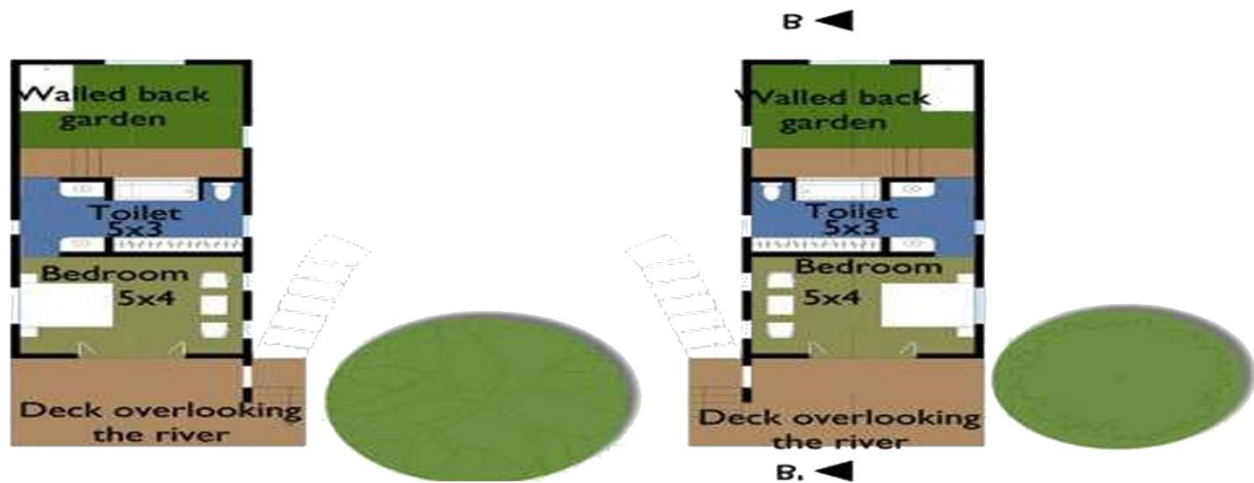
PSYCHOTHERAPY COUSELING UNIT



MEDITATION HALL



PLAN OF COTTAGE



OBSERVATION AND ANALYSIS:-

- 1- Isolation from urban environment.
- 2- Separation of public, semi public and administrative
- 3- OPDS for local and guest.
- 4- No character to the buildings.
- 5- Limited recreational activities.
- 6- Organic farming on the site.
- 7- Accessibility of the centre is more
- 8- Vegetation on the site - limited buffer from the surrounding sounds.
- 9- Limited space-cage for medication.
- 10- Courtyard planning.

CHAPTER-4

LITERATURE

STUDY-02

REHABILITATION CENTER FOR ACID ATTACK SURVIVORS

LITERATURE STUDY-2 (BOISAR HOME) REHABILITATION CENTRE

SITE PICTURES



LOCATION- Boisar, Thane, Maharashtra

CLIENT - Rescue Foundation

AREA OF SITE- 65 acres

INTRODUCTION-

Located at 85km away from Mumbai, with lush greenery and open spaces, 5 acres of land dedicated for girls only. It has a capacity for 150 girls. Girls in Boisar Home feel more relaxed and homely because of the green and open surrounding, which is also an important factor in the rehabilitation process.

AREA DISTRIBUTION

BUILDING TYPOLOGY: Ground Floor Structures

TOTAL NO: Of girls-150

OFFICE: 396 M²

WORKSHOPS: 497 M²

DORMITORY: 1026 M²

AUDITORIUM: 192 M²

CLASS ROOMS: 164 M²

HEALTH CARE CENTRE: 700 M²

KITCHEN : 100 M²

DINING HALL: 340 M²

OUTDOOR PLAY AREA/INDOOR

RECREATIONAL AREA: 2195 M²

SITE PLAN



DORMITORY

WORKSHOP

REHABILITATION CENTER FOR ACID ATTACK SURVIVORS



AGRICULTURE LAND



HEALTH CARE CENTRE



CHAPTER-5

COMPARATIVE

REHABILITATION CENTER FOR ACID ATTACK SURVIVORS

COMPARATIVE ANALYSIS.....

S.NPO	ODALU MYSORE	CHHANV HOME	BIOSAR HOME	VEILIGE VESTE
LOCATION	Odalu rehabilitation centre is also located in a newly developing residential area away from the city in a green and serene environment.	Chhanv rehabilitation centre is a located in a residential area away from the main city, so that the survivors can be safe and at the same time they can integrate with the society as well.	Boisar complex is situated as km away from the city to rehabilitation survivors in a lush green and peaceful surroundings. There are no settlements around the complex.	Veilige veste is located in the city the main junction of the roads.
DESIGN CRITERIA	The centre is designed according to the psychology of the survivors. The focus is laid on giving a free environment to people without any restrictions	This centre is also designed according to the psychology of the survivors to make them comfortable in the shelter and help them overcome the fears of the site.	Being in lap of nature would ensure that the victims would recover fast. Lots of penetration of nature into the building.	bold, brave and safe is the concept for designing the building to make survivors a feeling of safety
PLANNING	.Combination of open and semi-open spaces to respect the freedom of the survivors. . The building plan is open to the outside surrounding from every. . Big open windows without bars. .Main gates without doors-side.	Permissible throughout the whole building to ensure the admission of more light and air and also to maintain connection of the survivors with outside world. .French windows are used. .The main door is made up of glass to give a feeling of freedom to the survivors	Courtyard planning of the main residential building, recovery care centre which serves as the interactive space. Spaces like recovery care centre are combined with fun spaces and library. Medium sized opening in dormitory with grills. Large openings in the training centre.	The building has a courtyard planning. The rooms are placed around the central patio. it is a garden where they can come outside but still be safe from any harm full length glass slits at the ground floor. Large sliding window in every room on upper floors.
VISUAL ANALYSIS	Use of bright colours.	Bright colours are used in the building to make the place more lively.	Pale and dull colours are used in the building .	
COMPOUND WALL	No boundary wall.	5ft.hight compound wall with arches .	Boundary wall with grills on upper part.	Bright colours like red and yellow are used.
RECREATIONAL FACILITIES	Gymnasium and t.v. room	Gymnasium, t.v. room, handicraft room etc.for recreation.	Handicraft room,multipurpose room for singing,and dancing performances ,t.v. room.	
LANDSCAPE	Out of 3 acres almost an acre of land is used for landscaping.	Lack of proper landscaping except few trees here and there.	Out of 65 acres 60 acres of land is used for landscaping, gardens and agriculture.	No landscaping.
PASSIVE ENERGY TECHNIQUES	Building from and big openings with proper chhajjas facilitate adequate ventilation and temperature drop of around 5 degrees with the help of fan.	Building from and the location of openings with proper chhajjas facilitate adequate ventilation and temperature drop of around 5 with help of fan.	Blocks placements is such that it facilitates breeze penetration inside the block and the sloping roof of the training centre helps in passive cooling of the structure.	The external facade is covered with diamond shaped squares made up of composite materials to reduce the heat gain of the building and to minimise the energy consumption for cooling.

CHAPTER-6 STANDARD

REHABILITATION CENTER FOR ACID ATTACK SURVIVORS

ADMINISTRATION(40 PERSON)			
LOBBY/WAITING AREA	20-30 PERSON	1.5 SQ/PERSON	45 SQMT
OFFICE	10 PERSON	9X4 SQMT	36 SQMT
ACCOUNT	3-5 PERSON,1NOS	3X5.5 SQMT	16.5 SQMT
SHE TOILET	10-12 PERSON,1NOS	1SQMT/PERSON (2 WC, 1W.B.)	12SQMT
HE TOILET	10-12 PERSON,1NOS	1SQMT/PERSON (1WC,2URINAL, 2W.B.)	12 SQMT
INDIVIDUAL THERAPY AREA			
COUNSELOR	1 NOS	5 X 4 SQ.MT	20SQMT
SUPERVISOR	1 NOS	3 X 5 SQ.MT	15SQMT
LAWYER	1 NOS	5X 4 SQ.MT	20SQMT
RECORD ROOM	1 NOS	6 X 3 SQ.MT	18SQMT
GROUP THERAPY AREA			
MEETING	20-25 PERSON	1.5 SQ/PERSON	25SQMT
CASE CONFERENCE	10-15 PERSON	0.5 SQ/PERSON	7.5SQMT
DIRECTOR	1 NOS	3 X 6 SQ.MT	18SQMT
MANGER	1 NOS	4 X 4 SQ.MT	16SQMT
PANTRY	1 NOS	4 X 2 SQ.MT	8SQMT
SHE TOILET(COMMON)	20-30 PERSON	1SQMT/PERSON (2 WC, 1W.B.)	30SQMT
HE TOILET(COMMON)	20-30 PERSON	1SQMT/PERSON (1 WC,2URINAL, 2W.B.)	30SQMT
TOTAL			330 SQMT
CIRCULATION TOTAL(30%)			99SQMT
TOTAL			429 SQMT

HEALTH CARE CENYTRE (70-80 PERSON)			
WAITING/RECEPTION	20-40 PERSON	1.5 SQ/PERSON	60 SQMT
DOCTOR'S CHAMBER	5NOS	6 X 3 SQMT	18 SQMT
HE TOILET	1NOS	1SQMT/PERSON (2 WC,2URINAL, 2W.B.)	8SQMT
SHE TOILET	1NOS	1SQMT/PERSON (2 WC,, 1W.B.)	8SQMT
PANTRY	1NOS	4 X 2 SQMT	8SQMT
DOCTOR'S REST ROOM	5NOS	6 X 5 SQMT	30SQMT
PHARMACY OFFICE	1NOS	3X 5 SQMT	15SQMT
HE TOI.	4NOS(70-80 PERSON)	1SQMT/PERSON (1 WC,2URINAL,2W.B.)	4SQMT
SHE TOI.	4NOS(70-80 PERSON)	1SQMT/PERSON (2 WC, 2W.B.)	4SQMT
HOUSE KEEPING	1 NOS	4 X 2 SQMT	8SQMT
STORE	1 NOS	3 X 5 SQMT	15SQMT
RECORD	1 NOS	6 X 3 SQMT	18SQMT
NURSE ROOM	8 NOS	4 X 2 SQMT	8SQMT
NURSE TOILET	1 NOS	1SQMT/PERSON (2 WC, 2W.B.)	8SQMT
FEMALE WARD	4 NOS(5 BED)	4 X 4 SQMT EACH (1BED=5SQMT)	16SQMT
MALE WARD	1 NOS(5 BED)	4 X 4 SQMT EACH (1BED=5SQMT)	
TOTAL			228
CIRCULATION TOTAL(30%)			68.9
TOTAL			296.9

RHABILITATION CENTER FOR ACID ATTACK SURVIVORS

LIBRARY(50 -PERSON)			
SECURITY CHECK	1 NOS	3X 5SQMT	15SQMT
CLOAK ROOM	1 NOS	5X2SQMT	10SQMT
LIBRARIAN	1 NOS	3X 5SQMT	15SQMT
AUDIO LAB	1 NOS	6 X 3SQMT	18SQMT
AUDIO LAB MEDIA COLLECTION	1 NOS(10 PERSON)	7 X 3 SQMT	21SQMT
READING ROOM	1 NOS(20 PERSON)	1.2 SQ/PERSON	24SQMT
COMPUTER LAB	1 NOS(20 PERSON)	0.7-2 SQMT/PERSON	40SQMT
HE TOI.	2 NOS(20-25 PERSON)	1SQMT/PERSON (1 WC,2URINAL, 2W.B.)	25SQMT
SHE TOI.	2 NOS(20-25 PERSON)	1SQMT/PERSON (2 WC, 2W.B.)	25SQMT
TOTAL			195
CIRCULATION TOTAL(30%)			57.9
TOTAL			252.9

TRAINING CENTRE			
LOBBY/WAITING	50-60 PERSON	1.5 SQ/PERSON	90SQMT
MANAGER OFFICE	1 NOS	3X6SQMT	18SQMT
MANAGER TOILET	1 NOS	1SQMT	1SQMT
STAFF	50 PERSON	2.5SQMT/PERSON	125SQMT
MALE STAFF TOILET	25 PERSON	1SQMT/PERSON (2 WC, 2W.B.)	25SQMT
FEMALE STAFF TOILET	25 PERSON	1SQMT/PERSON (2 WC,2URINAL, 1W.B.)	25SQMT
CLASS ROOM			
MUSIC CLASS	20 PERSON(1 NOS)	3X 10 SQMT	30SQMT
DANCE CLASS	25 PERSON(1 NOS)	10 X 6SQMT	60SQMT
HANDY CRAFT	20 PERSON(1 NOS)	7X 7SQMT	49SQMT
BEAUTICIAN	20 PERSON(1 NOS)	7X 7SQMT	49SQMT
POTTERY CLASS	20 PERSON(1 NOS)	7X 7SQMT	49SQMT
ART CLASS	20 PERSON(1 NOS)	7X 7SQMT	49SQMT
TECHNICAL SKILL CLASS	20 PERSON(1 NOS)	7X 7SQMT	49SQMT
SOFT SKILL CLASS	20 PERSON(1 NOS)	7X 7SQMT	49SQMT
BAKERY CLASS	20 PERSON(1 NOS)	7X 7SQMT	49SQMT
AUDITORIUM	20 PERSON(1 NOS)	1.2SQMT/PERSON+10 SQMT	24SQMT
CONFERENCE ROOM	20 PERSON(1 NOS)	1SQMT/PERSON	20SQMT
SEMINAR ROOM	18 PERSON	1SQMT/PERSON	20SQMT
SHE TOI	20 PERSON	1SQMT/PERSON (2 WC, 2W.B.)	20SQMT
HE TOI	50 PERSON	1SQMT/PERSON (2 WC,2URINAL, 1W.B.)	25SQMT
TOTAL			826
CIRCULATION TOTAL(30%)			247.8
TOTAL			1073.8

RHABILITATION CENTER FOR ACID ATTACK SURVIVORS

YOGA CENTRE			
LOBBY/WAITING	50 PERSON	1.5 SQ/PERSON	45SQMT
STACKING AREA	40 PERSON	1.8SQMT/PERSON	72SQMT
HE TOILET	2 NOS(20 PERSON)	1SQMT/PERSON (1 WC,2URINAL, 2W.B.)	20SQMT
SHE TOILET	2 NOS(50 PERSON)	1SQMT/PERSON (2 WC, 2W.B.)	20SQMT
TOTAL			157
CIRCULATION TOTAL(30%)			47.1
TOTAL			204.1
MEDIATION CENTRE			
LOBBY/WAITING	50 PERSON	1.5 SQ/PERSON	45SQMT
HALL	40 PERSON	1.4SQMT/PERSON	56SQMT
STORE	1 NOS	5X2SQMT	10SQMT
HE TOILET	2 NOS(30 PERSON)	1SQMT/PERSON (2 WC,2URINAL, 1W.B.)	25SQMT EACH
SHE TOILET	2 NOS(40 PERSON)	1SQMT/PERSON (2 WC, 2W.B.)	25SQMT EACH
TOTAL			161
CIRCULATION TOTAL(30%)			48.3
TOTAL			209.3

BOYS HOSTEL(30PERSON)			
LOBBY/WAITING	8 PERSON	1.5 SQ/PERSON	12SQMT
OFFICE	2 PERSON	3X4SQMT	12SQMT
WARDEN ROOM	2 PERSON	3X5SQMT	15SQMT
COMMON ROOM	10 PERSON	4X5SQMT	20SQMT
DINING HALL	30 PERSON	1.5SQMT/PERSON	30SQMT
KITCHEN & STORE	30%	30%OF DINING	
GAME ROOM	1 NOS	3 X 5 SQMT	15SQMT
STAFF TOILET	10 PERSON	1SQMT/PERSON	10SQMT
COMMON TOILET	30 PERSON	1SQMT/PERSON	30SQMT
ROOM	30 PERSON /NOS	5X 2SQMT	10SQMT
STUDY ROOM	30 PERSON	2.5SQMT/PERSON	75SQMT
TOILET	30 PERSON	1SQMT/PERSON	30SQMT
HOUSE KEEPING	1 NOS	6X3SQMT	18SQMT
DIRECTORE	1 NOS	5X 2SQMT	10SQMT
GUEST HOUSE	5 NOS	5X 2SQMT	10SQMT
STAFF QUARTER	5 NOS	4X3SQMT	12SQMT
ELECTRICAL ROOM	1 NOS	4X3SQMT	12SQMT
GUARD ROOM	1 NOS	4X2SQMT	8SQMT
PUMP HOUSE	1 NOS	3X3SQMT	9SQMT
TOTAL			348
CIRCULATION TOTAL(30%)			104.4
TOTAL			454.4

RHABILITATION CENTER FOR ACID ATTACK SURVIVORS

GIRLS HOSTEL(350 PERSON)			
LOBBY/WAITING	35 PERSON	1.5 SQ/PERSON	52SQMT
OFFICE	5 PERSON	3X4SQMT	12SQMT
WARDEN ROOM	10 PERSON	3X5SQMT	15SQMT
COMMON ROOM	2 SQMT	4X5SQMT	20SQMT
DINING HALL	350 PERSON	1.5SQMT/PERSON	525SQMT
KITCHEN & STORE	-	30%OF DINING	
ROOM	330 PERSON	3 X 5 SQMT	15SQMT
GUARD ROOM	1 NOS	1SQMT/PERSON	1SQMT
STAFF TOILET	25 PERSON	1SQMT/PERSON	25SQMT
TOILET	13 UNIT(330 PERSON)	5X 2SQMT	10SQMT
STUDY ROOM	250 PERSON	2.5SQMT/PERSON	625SQMT
HOUSE KEEPING	1 NOS	4X2SQMT	8SQMT
PUMP HOUSE	1 NOS	3X3SQMT	9SQMT
TOTAL			1344
CIRCULATION TOTAL(30%)			403.2
TOTAL			1747.2

RESTURANT(100PERSON)			
DINING AREA			
ENTRANCE	50 PERSON	0.9 SQ/PERSON	45SQMT
RECEPTION	1 NOS	4 X 2SQMT	8SQMT
WAITING LOBBY	25 PERSON	1.2SQMT/PERSON	30SQMT
DINING SPACE/HALL	100 PERSON	1.5SQMT/PERSON	150SQMT
DOS/BILLING	1 NOS	5X2SQMT	10SQMT
KITCHEN			
		30% OF DINING	
PREPARATION		14% OF DINING	
COOKING		8% OF KITCHEN	
STROAGE		15% OF KITCHEN	
UTENSILE AND EQUIPMENT		8% OF KITCHEN	
WASHING AREA		10% OF KITCHEN	
PANTRY		10% OF KITCHEN	
STAFF PERSONAL SPACE			
SERVICE AREA			
ELECTRICAL		AS PER CAPACITY	
HVAC		AS PER CAPACITY	
TOTAL			
CIRCULATION TOTAL(30%)			
TOTAL			

REHABILITATION CENTER FOR ACID ATTACK SURVIVORS

FLAT(30PERSON)			
TYPE-1	8 PERSON	10X5SQMT	50SQMT
TYPE-2	8 PERSON	10X7SQMT	70SQMT
TYPE-3	8 PERSON	10X9SQMT	90SQMT
TYPE-4	5 PERSON	10X11SQMT	110SQMT
TOTAL			320
CIRCULATION TOTAL(30%)			96
TOTAL			416

THERAPY			
PHYSICOTHERAPY AREA			
ACTIVITY AREA	1 NOS	6X3SQMT	18SQMT
TREATMENT CUBICLES	1 NOS	6X3SQMT	18SQMT
WAX TREATMENT AND ICE PREPARATION	1 NOS	6X3SQMT	18SQMT
SLINT PREPARATION	1 NOS	5X2SQMT	10SQMT
OCCUPATIONAL THERAPY AREA			
ACTIVITY AREA	1 NOS	6X3SQMT	18SQMT
GAME,WORK WITH PERSONAL	1 NOS	6X3SQMT	18SQMT
INDIVIDUAL THERAPY			
WAX TREATMENT	8 PERSON	6X3SQMT	18SQMT
SPLINT	8 PERSON	5X2SQMT	10SQMT
STORAGE	8 PERSON	3X4SQMT	12SQMT
HE TOILET	10PERSON	1SQMT/PERSON (2 WC,2URINAL, 1W.B.)	
SHE TOILET	20PERSON	1SQMT/PERSON (2 WC, 2W.B.)	
TOTAL			140
CIRCULATION TOTAL(30%)			42
TOTAL			182

BY LAWS	
MAX GROUND COVERAGE =15%OF AREA OF SITE	
MAX FLOOR AREA RATIO=1.25	
MAX HEIGHT OF THE BUILDING=15M	
MAX ALLOWABLE GROUND COVERAGE	
15% OF SITE AREA	
$40468.6 \times 15\% = 6070.29\%100$	
6070.29SQMT	
STAIRCASE	
WIDTH OF STAIRCASE-1.5SQMT	
TREAD-0.30 WITHOUT NOISING	
RISER-0.15MTR	
HEAD ROOM-2.1MT	
LIFT	
PUBLIC BUILDING WITH ONLY GROUND FLOOR ,RAMP SHALL BE PROVIDED FOR REACHING ITS PLINTH LVL.	
IN CASE OF PUBLIC BUILDING IS MORE THAN ONE STOREY LIFT OR RAMP SHALL BE PROVIDED.	
CORRIDOR	
PUBLIC BUILDING-1.5MT	

CHAPTER-7

CONCEPT

CONCEPT.....

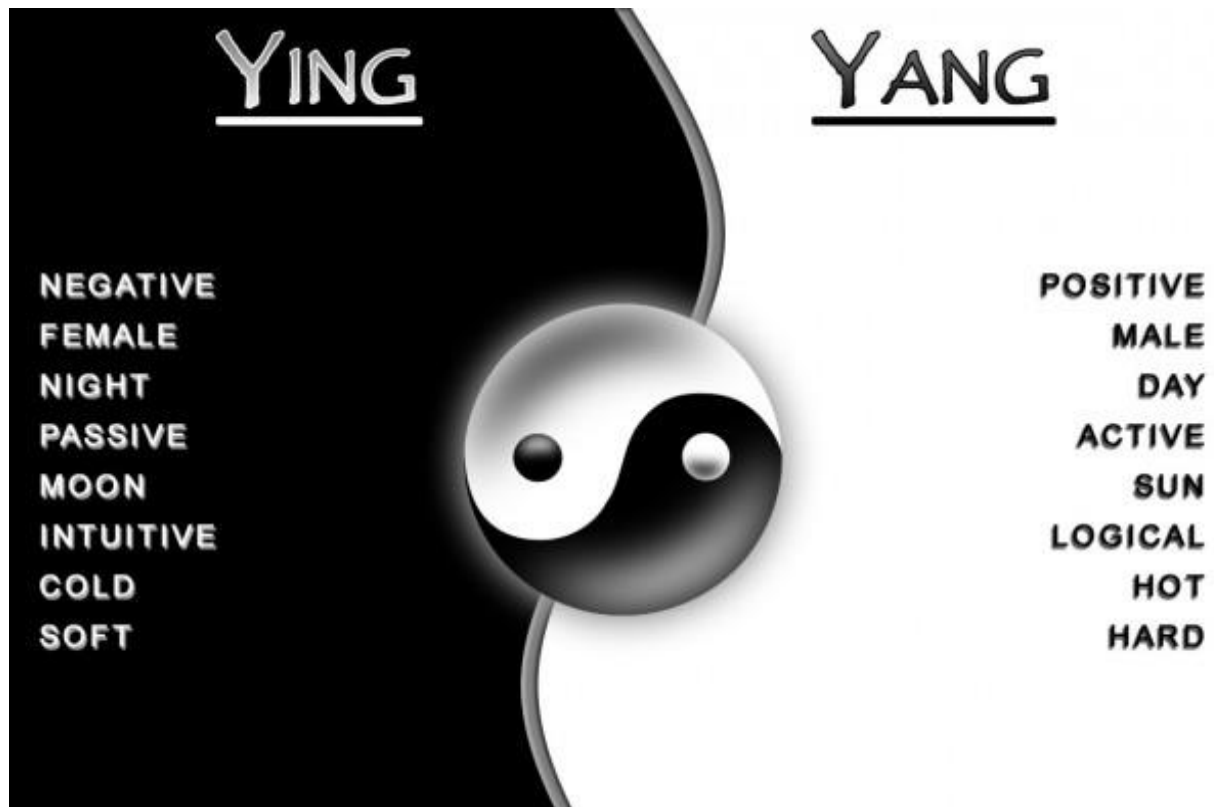
“MASCULISM FAMINIST”

Victims suddenly goes into deep depression thinking that if survived, how I will face with my friends with this condition , this is specially with females, how I will continue the office work with same start, feeling of pretty own herself that confidence is left and realising that there is no meaning of my existence. It is observed that all the efforts become a failure until and unless efforts are not taken.

- The victims should personally start making efforts with people around them.
- In this period of depression same society enhance the problem of victims instead of encouraging them.
- Worst condition came is to start thinking about committing suicide.

My institution meant for rehabilitation of such victims means, to carry them back into the main stream of life. This can only be done by removal of impact of act from their minds and encouraging them in such a manner that even then I am still capable of doing something for the welfare of the society. Considering the above aspects staff shall be trained accordingly throughout the day, monthly, yearly and trained in such a manner that they will help others selflessly with the feeling that I have to do for welfare of society. After working in this routine, the victims will get sound sleep at night and will get up with new energy to create target of the day and no time will be left for thinking about her problem. This will automatically create a feeling of boldness in the victims and he/she perform in their work more efficiently, we can call such victims as such stage of

“MUSCULINISM FAMINIST”



PARTS DESCRIBE

VIGOROUS- full of energy

LIVELY-full of life and energy.

COOL DOWN-We had to wait until
the engine had cooled down before restarting the car

CALMING-not showing or feeling nervousness, anger, or other strong emotions.

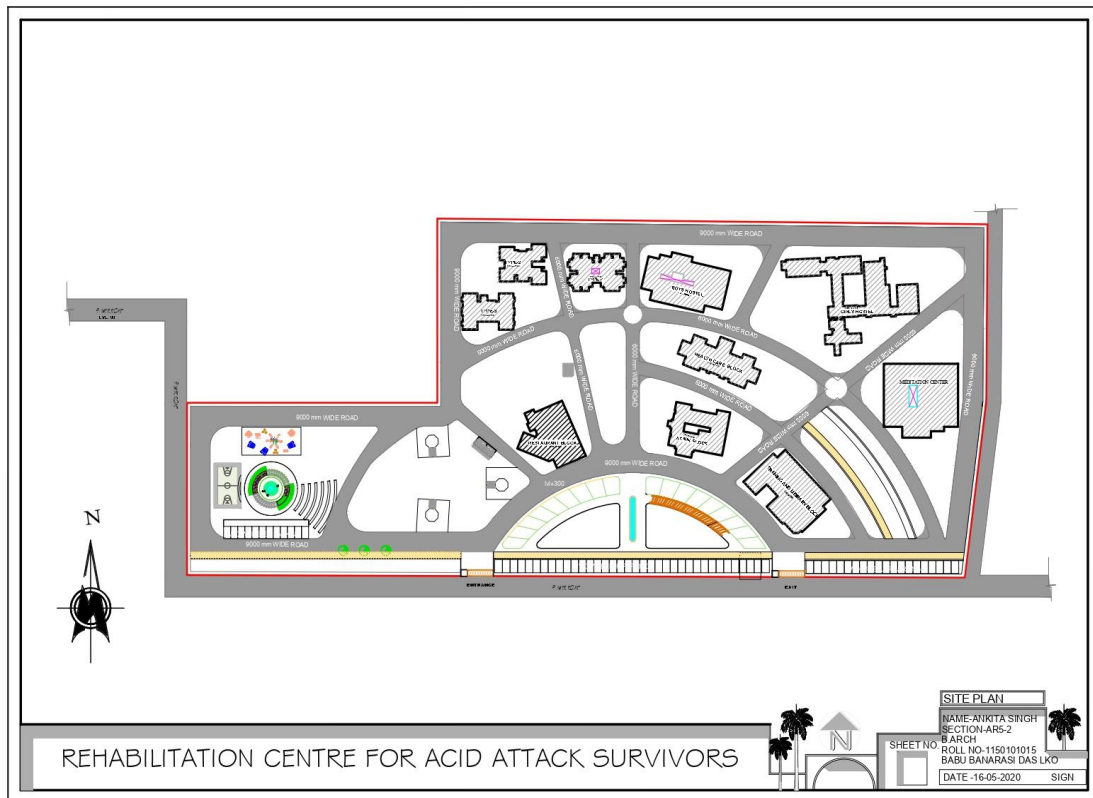
EARTH-REST-STOP

WARM UP-prepare for physical exertion or a performance by exercising or practising gently beforehand.

HEAT-UP- to become more active, intense, or angry

ENERGETIC-howing or involving great activity or vitality.

REHABILITATION CENTER FOR ACID ATTACK SURVIVORS

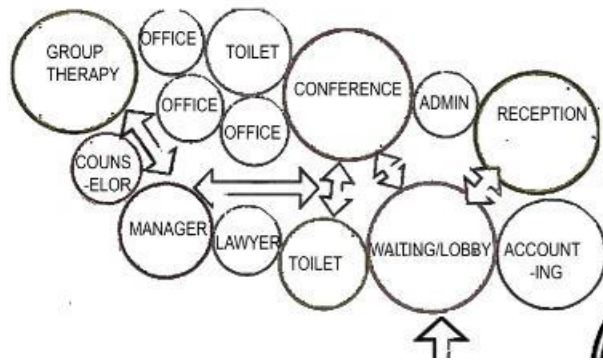


CHAPTER-8

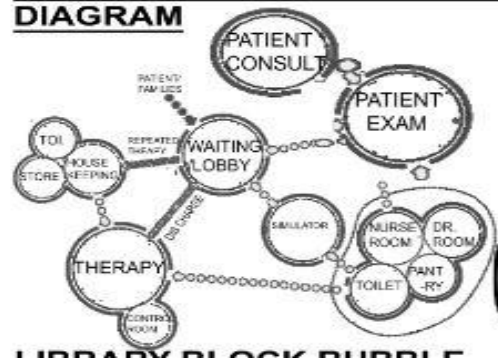
SITE ZONING

REHABILITATION CENTER FOR ACID ATTACK SURVIVORS

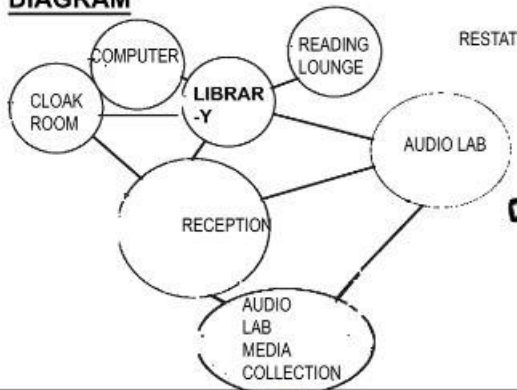
ADMIN BLOCK BUBBLE DIAGRAM



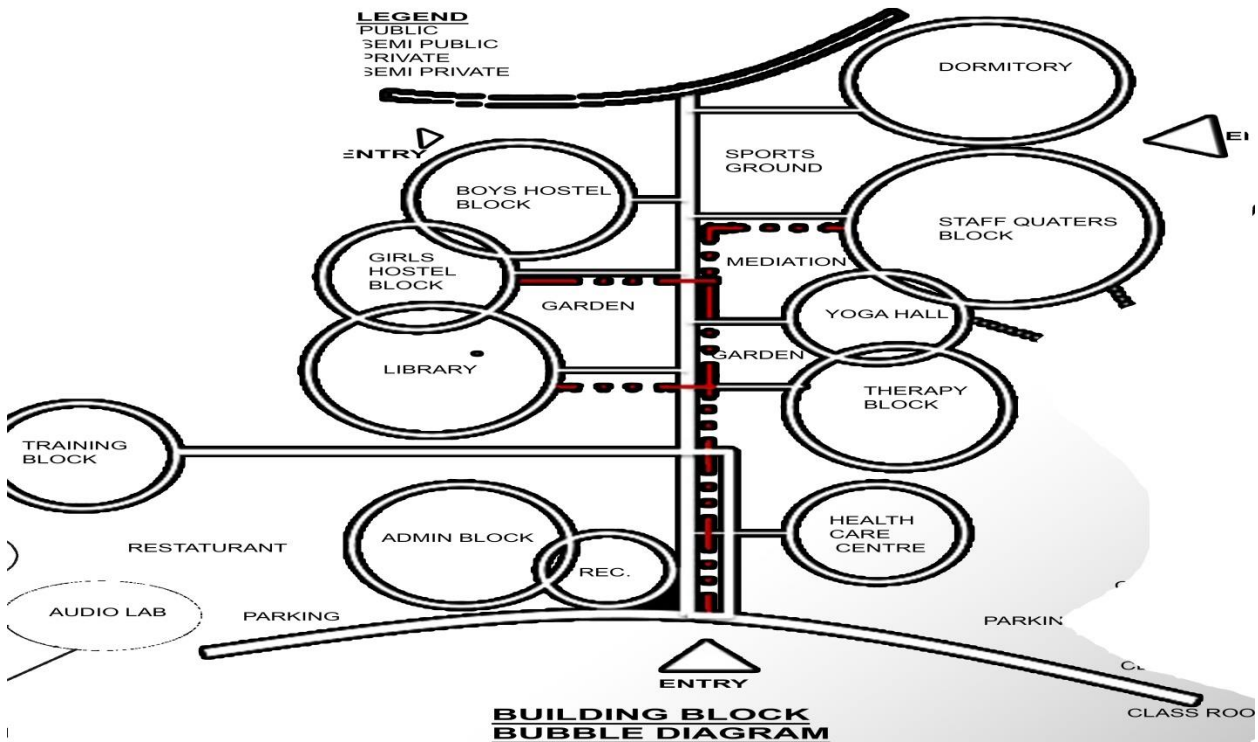
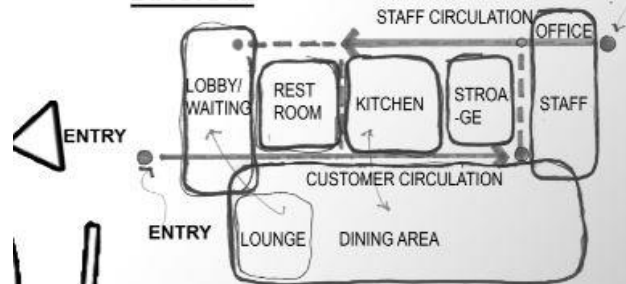
HEALTH CARE BLOCK BUBBLE DIAGRAM



LIBRARY BLOCK BUBBLE DIAGRAM



RESTAURANT BLOCK BUBBLE DIAGRAM



CHAPTER-9

ARCHITECTURE DRAWINGS

THESIS

REHABILITATION CENTER FOR ACID ATTACK

ANKITA SINGH

AR 5-2

1150101015

INTRODUCTION.....

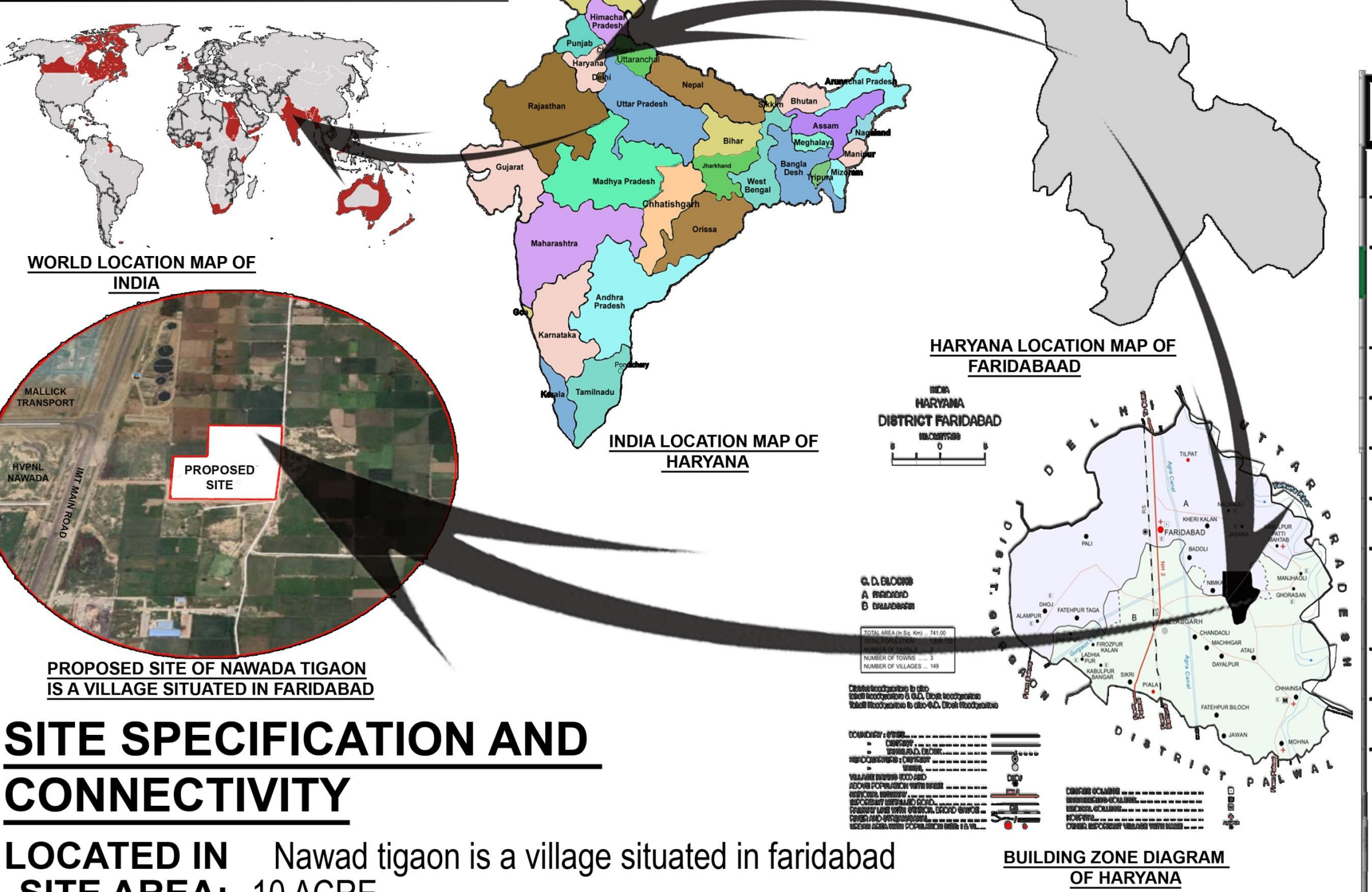
Acid attack also called **acid throwing**, **vitriol attack**, or **vitriolage**, is a form of **violent assault** involving the act of throwing acid or a similarly **corrosive substance** onto the body of another "with the intention to **disfigure, maim, torture, or kill**". Perpetrators of these attacks throw corrosive liquids at their victims, usually at their faces, burning them, and damaging skin tissue, often exposing and sometimes dissolving the bones. Acid attacks can oftenlead to permanent blindness. Perpetrators commit acid attacks for a number of reasons, including **revenge for refusal of a marriage proposal** or other romantic or sexual advances; **land disputes**; **perceived dishonor** and **jealousy**.

While acid attacks are most prevalent in **Bangladesh Cambodia.India** and **Pakistan** they have also been reported in **Afghanistan** and in parts of **Africa** and **Europe..**

NEED OF THE PROJECT

As per today's psychology of the society the acid victims are treated badly which lowers down their strength to face and to live in the society as they are treated differently from the normal beings,The acid attack victims should be given a place where they canstrengthen them self and also to do find the goal thereafter so as to find a new image in the society with respect and dignity.I want to design this project because I am very inspired by her story. How much struggle she hasdone in her life. So I want to build a space in which they feel safe and secure, and give them a homely feeling. **Motive is to protect and empower women, humility among men, and fuel the bravery that exists within each of us.**

SITE ANALYSIS



SITE SPECIFICATION AND CONNECTIVITY

LOCATED IN Nawad tigaon is a village situated in faridabad

SITE AREA:- 10 ACRE

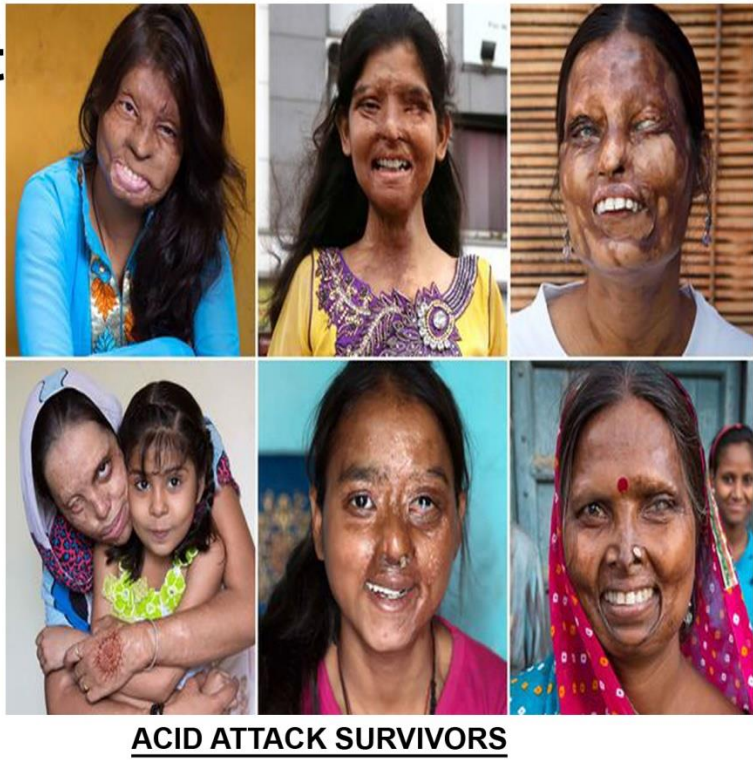
LANDUSE:- Lies under Residential AND industrial area.

0.3KM (TIGAON TO CITY MOTORS PETROL PUMP BUS STOP)

32KM (TIGAON TO INDRA GANDHI AIRPORT)

5 KM (TIGAON TO BALLABGRAH)

6 KM (Ballabgrah railway station)



ACID ATTACK SURVIVORS

AIM OF THE PROJECT

The rehabilitation centre aims to serve as a house for the acid victims to learn to lead a danger and disease free lifestyle by providing them with skills or capital to earn their livelihood or set up a business and a support system for them.

LANDFORMS:-

EXISTING BUILDING:-NO
BARREN LAND
BOUNDARY WALL;-2.5 MTR



CRITERIA	DETAIL	REMARK
LOCATION	89 HF + V4 Nawad tigaon is a village situated in faridabad district of haryana	Positive
PLOT AREA	10acre.	
GEO-LOCATION	24° 52' 47.9964" N and 85° 31' 47.9964" E.	
ALTITUDE	252metre	
SITE ACCESS	IMT MAIN ROAD HIGHWAY (FARIDABAD BY-PASS)	Positive ,easily access
LAND USE	Lies under Residential And industrial area.	Positive
TOPOGRAPHY	Agricultural land	Positive ,for landscape
SOIL BEARING CAPACITY	1.0 kilogram/cubic centimeter	Positive
SLOPE	No slope.	Positive for desired slope can achieved
SOIL TYPE	CLAYEY SLIT, FINE SAND,SANDY SLIT soil are found is that area.	
LINKAGE	Ballabgarh railway station6.7 KM. Faridabad Nw Tn railway station 8.2 KM. Safdarjung Airport 32.3 KM. Indira Gandhi International Airport 36.7 KM. Delhi -51.3km	Positive
GROUND WATER TABLE DEPTH	Water is supplied using TUBEWELLS . 60-70feet	Positive
ANNUAL RAINFALL	450 mm	Negative IT is very unreliable.
SEISMIC ZONE	4 zone	Highly negative as prone to earthquake
ELECTRICAL SUPPLY	Electrical is supplied using overhead electrical cables which runalong the road adjacent to site..	Positive

REHABILITATION CENTRE FOR ACID ATTACK

SURVIVORS

(CENTRE FOR HOPE & DREAM FOR ACID VICTIMS)

THESIS BY- ANKITA SINGH B.ARCH FINAL YEAR ROLL NO-1150101015

GUIDED BY- PROF. MOHIT KUMAR AGARWAL AND AR.RAMAKANT

CLMATIC ANALYSIS.....

LATITUDE-24° 52' TO 47.9964" N
LONGITUDE - 85° 31' TO 47.9964" E
ALTITUDE- 252 metre
Climate type- Nawada tigaon lies in composite climate region with annual averagetemperature of 25°C, maximum temperature of 40°C in summers,minimum temperature of w 3°C in winters, and average annual rainfall of approximately 714 millimetres.
Nawada tigaon is characterised by four seasons.

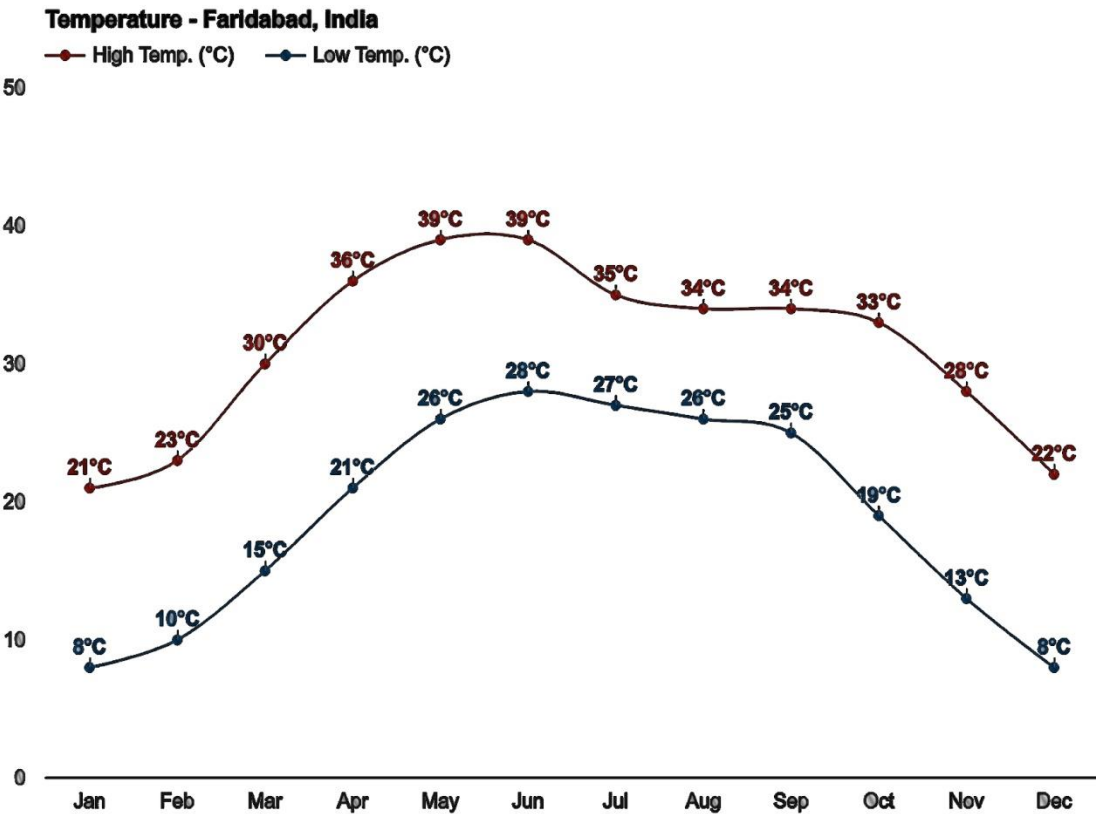
Cold weather season
Hot weather season
Southwest monsoon
Northeast monsoon

PRECIPITATION

VARIES B/W 500-1300 MM/YEAR

TEMPERATURE

Faridabab is extremely hot in summer at around 45 °C (113 °F) and mild in winter. The hottest months are May and June and the coldest December and January.[78] The climate is arid to semi-arid with average rainfall of 354.5 mm .Around 29% of rainfall is received during the from July to September, and the remaining rainfall is received during the period from December to February

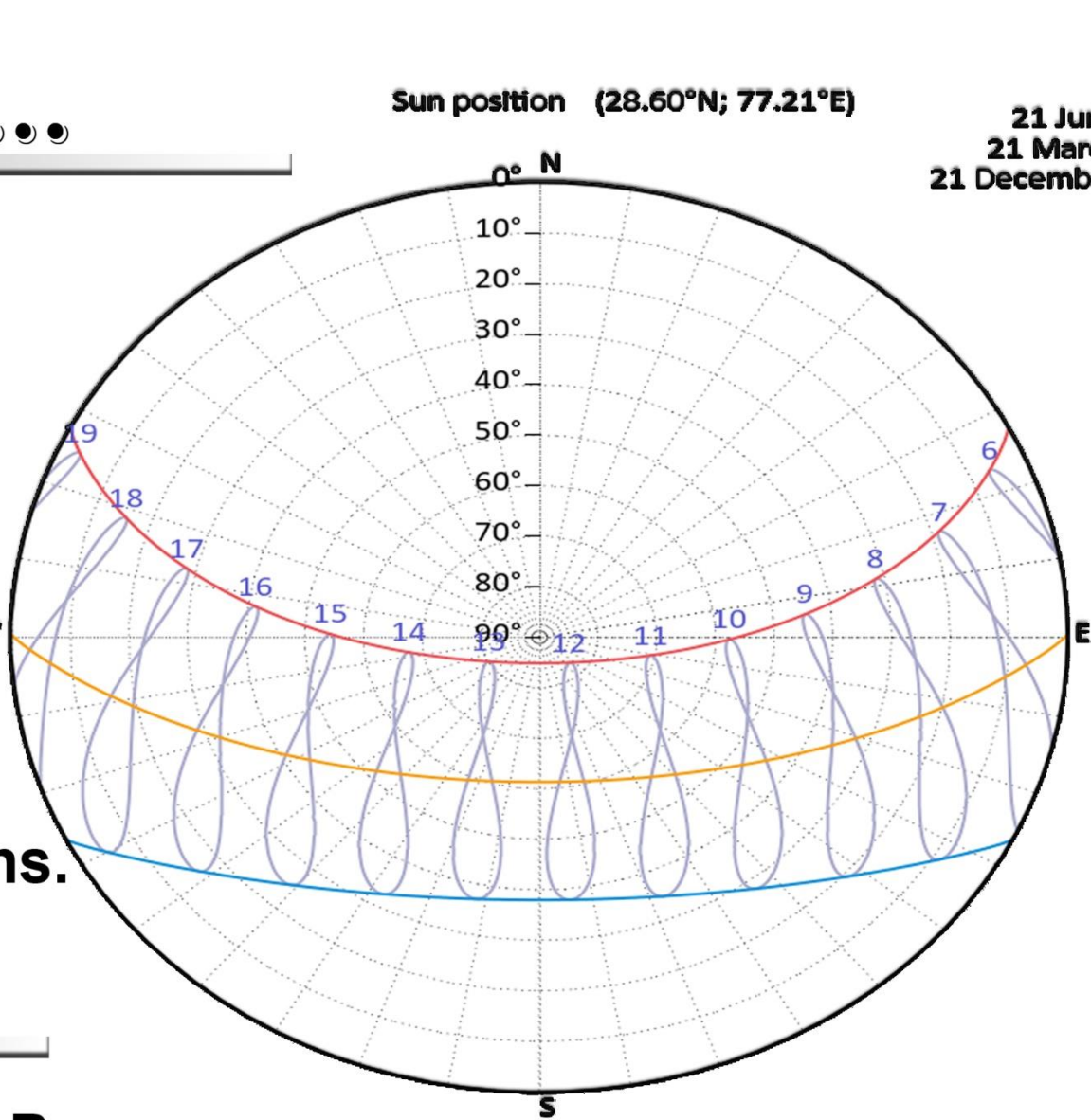
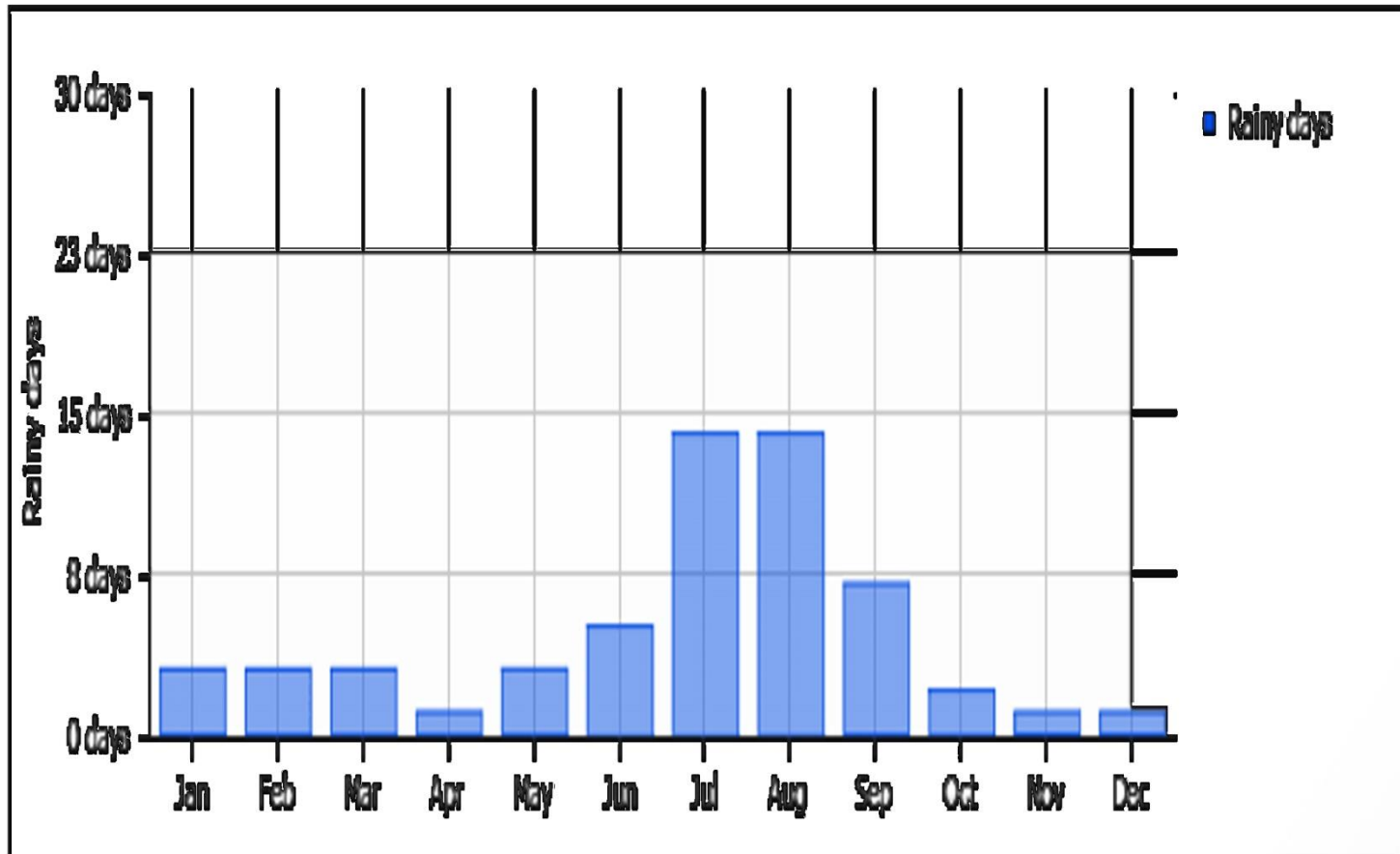


	January	February	March	April	May	June	July	August	September	October	November	December
Avg. Temperature (°C)	14.4	17.1	22.7	28.6	33.5	34.2	31.2	29.7	29.2	25.9	20.3	15.7
Min. Temperature (°C)	7.4	10.1	15.1	20.9	26.4	28.6	27.1	26	24.5	18.7	11.8	8
Max. Temperature (°C)	21.4	24.1	30.4	36.4	40.7	39.9	35.3	33.5	34	33.1	28.8	23.5
Avg. Temperature (°F)	57.9	62.8	72.9	83.5	92.3	93.6	88.2	85.5	84.6	78.6	68.5	60.3
Min. Temperature (°F)	45.3	50.2	59.2	69.6	79.5	83.5	80.8	78.8	76.1	65.7	53.2	46.4
Max. Temperature (°F)	70.5	75.4	86.7	97.5	105.3	103.8	95.5	92.3	93.2	91.6	83.8	74.3
Precipitation / Rainfall (mm)	17	6	12	3	6	31	184	188	118	31	3	5

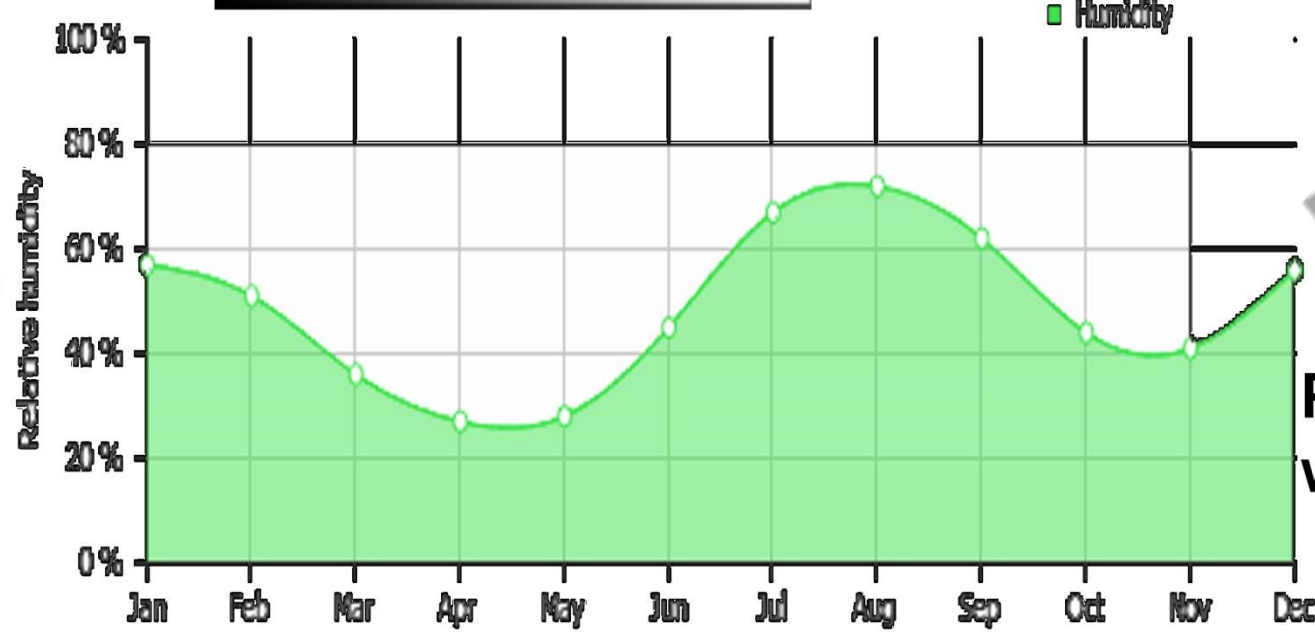
Between the driest and wettest months, the difference in precipitation is 185 mm | 7 Inch. The variation in annual temperature is around 19.8 °C | 67.6 °F.

RAINFALL

There is not much rainfall in Faridabad all year long. According to Köppen and Geiger, this climate is classified as BSh. The rainfall here is around 604 mm



HUMIDITY

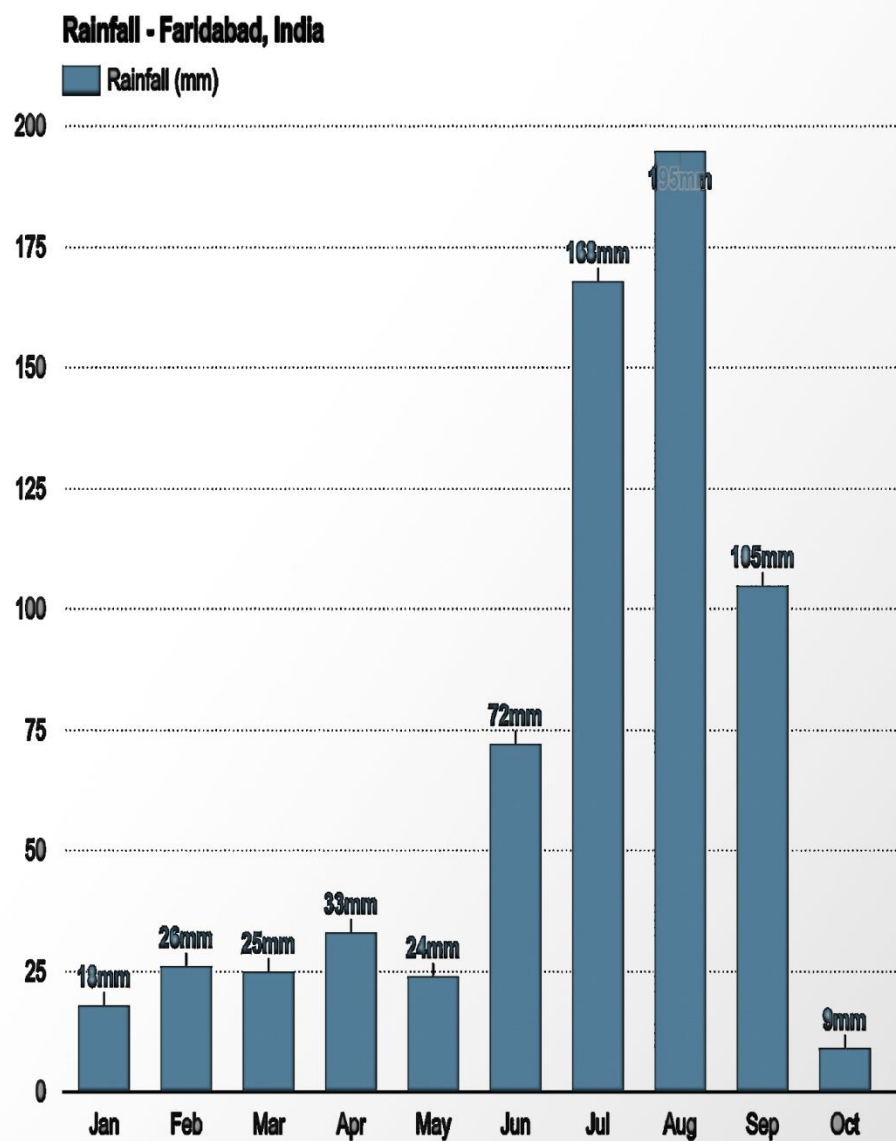


June is the hottest month with the mean daily maximum temperature at 40°C . and the daily minimum at 28°C.

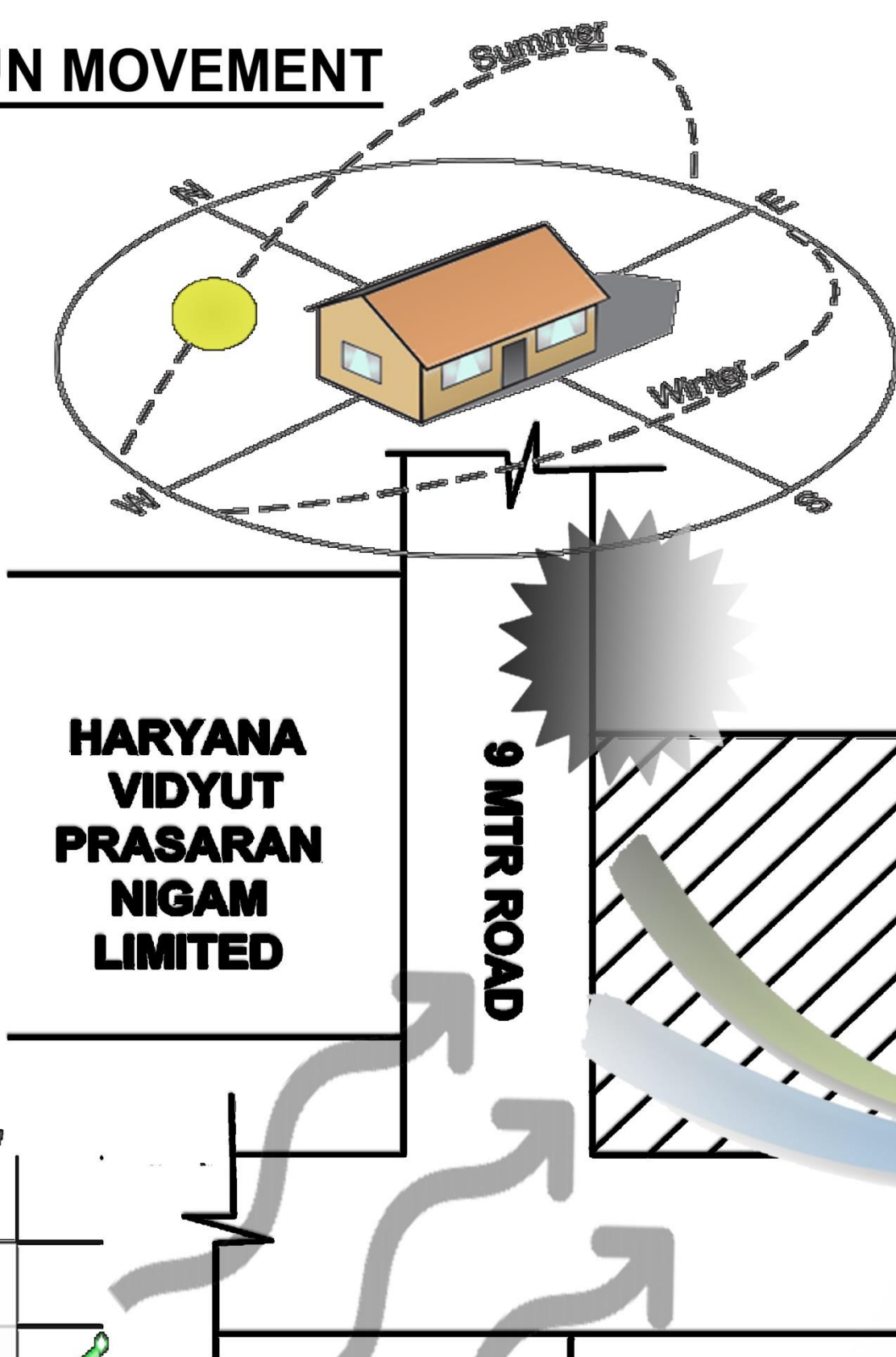
january is the coldest monthwith mean daily maximum at 8°C

WIND

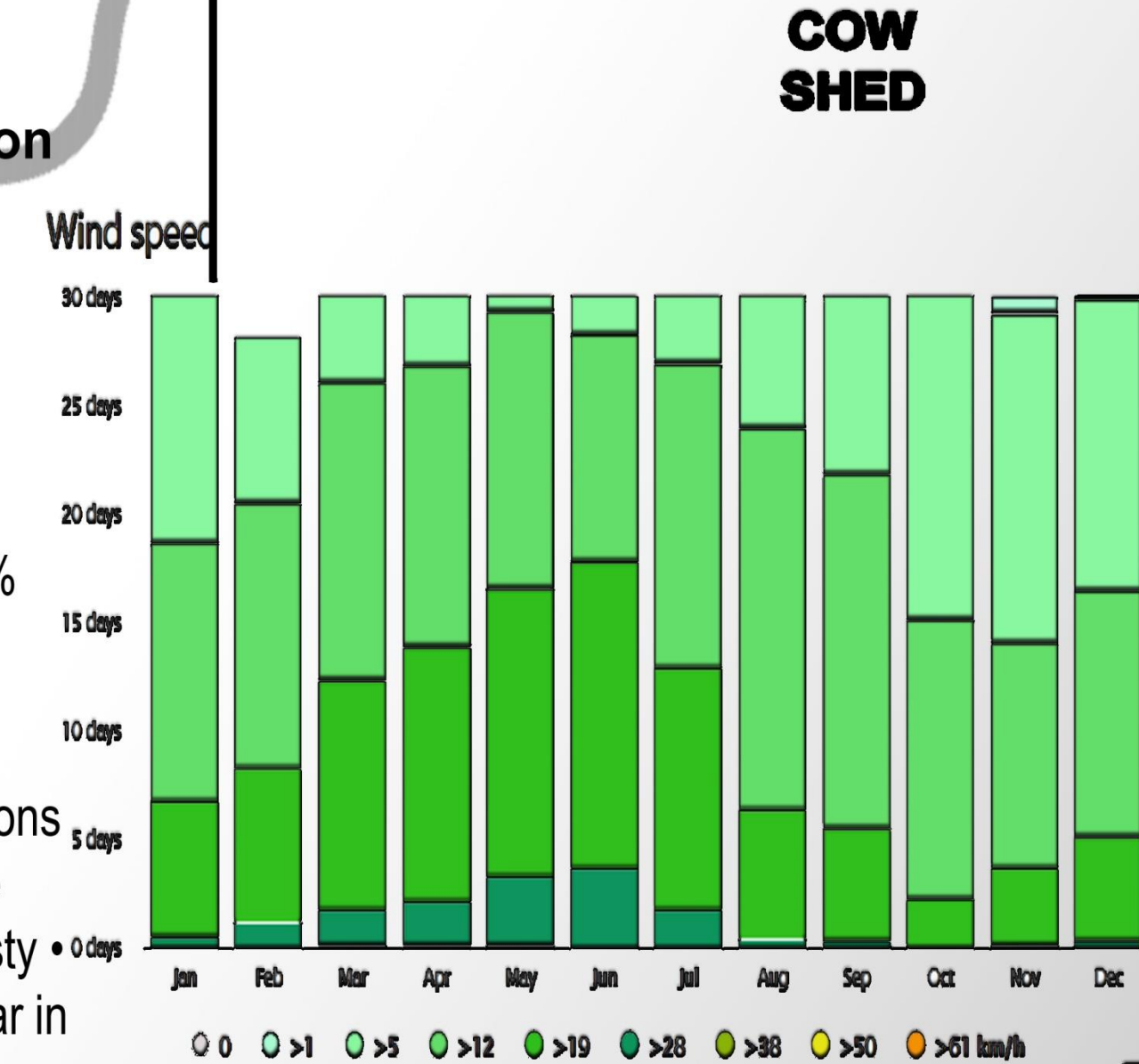
This region receives strong winds during monsoons from the south-east and dry cold winds from the north-east In summer, the winds are hot and dusty The sky is overcast and dull in the monsoon,clear in winter and frequently hazy in summer



SUN MOVEMENT



Prevalling wind direction



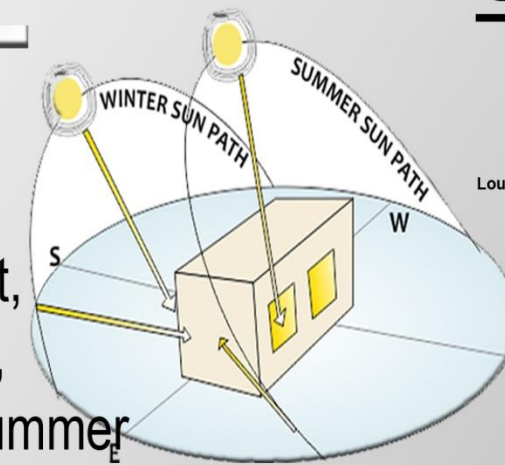
INFERENCES

ORIENTATION

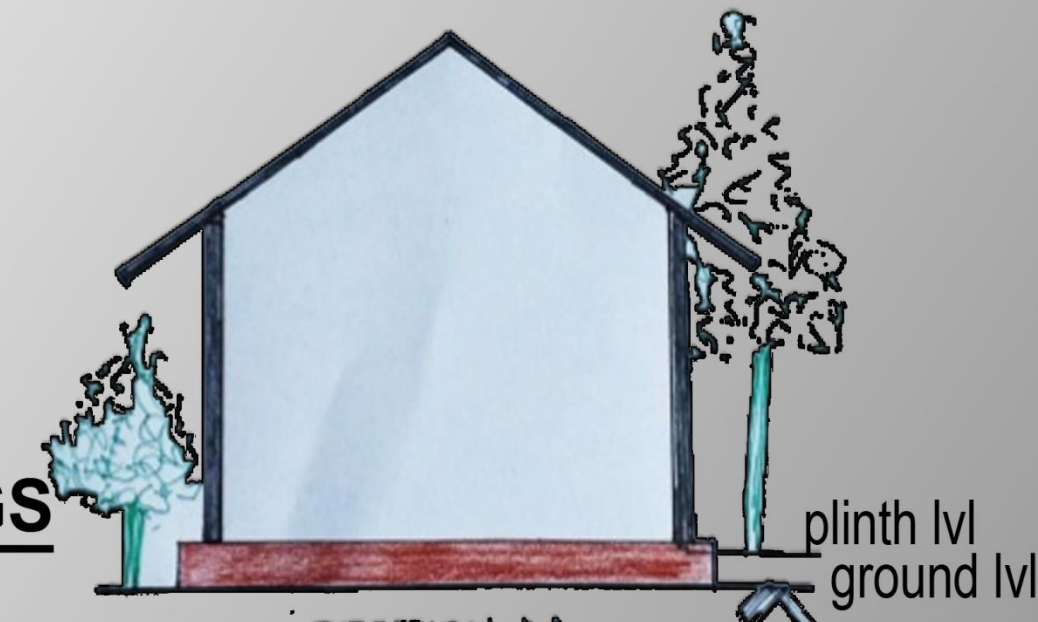
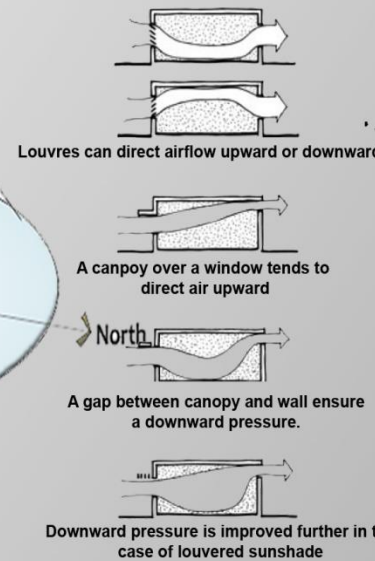
The orientation of the houses should be such that, penetration of the sun rays, max in winter and min in summer Proper orientation also helps in receiving natural light and ventation

PLANNING

use single room depth where possible with max shaded openings to enhance cross ventilation and removal Design unobstructed cross ventilation paths.



OPENINGS



PLINTH

High plinth is provided to prevent the rainwater for coming inside the building

WALL THICKNESS

Walls works as an insulator of heat so that they don't allow heat to attack inside the building in summers and to spread outside from the inside in winters. That is why thickness of walls are provided more than usual at some places.

REHABILITATION CENTRE FOR ACID ATTACK

SURVIVORS

(CENTRE FOR HOPE & DREAM FOR ACID VICTIMS)



CASE STUDY-I

CASE STUDY-1 (CHHANV HOME)

REHABILITATION CENTRE, DELHI)

INTRODUCTION-

Chhanv Foundation is a Non-Profit Organisation in India working for the rehabilitation of acid attack survivors. Chhanv Foundation raised the unheard voices of acid attack survivors through its campaign. Stop Acid Attacks in 2013.

The social circle through skill development training. Also this centre focuses on giving the survivors a kind and comfortable environment which can help them overcome the fears and pain of dark past life in scary and dingy borthels.

ABOUT

BASEMENT - ENTERTAINMENT HUB

GROUND FLOOR - GUEST HOUSE, DORMITORY AND ADMIN

FIRST FLOOR - MEDIATION HALL

LIBRARY,

TYPICAL FLOOR - TRAINING CENTRE

FOURTH FLOOR - MESS.

LOCATION

LOCATION - House No-152

B Block Sector 46

Noida Landmark -

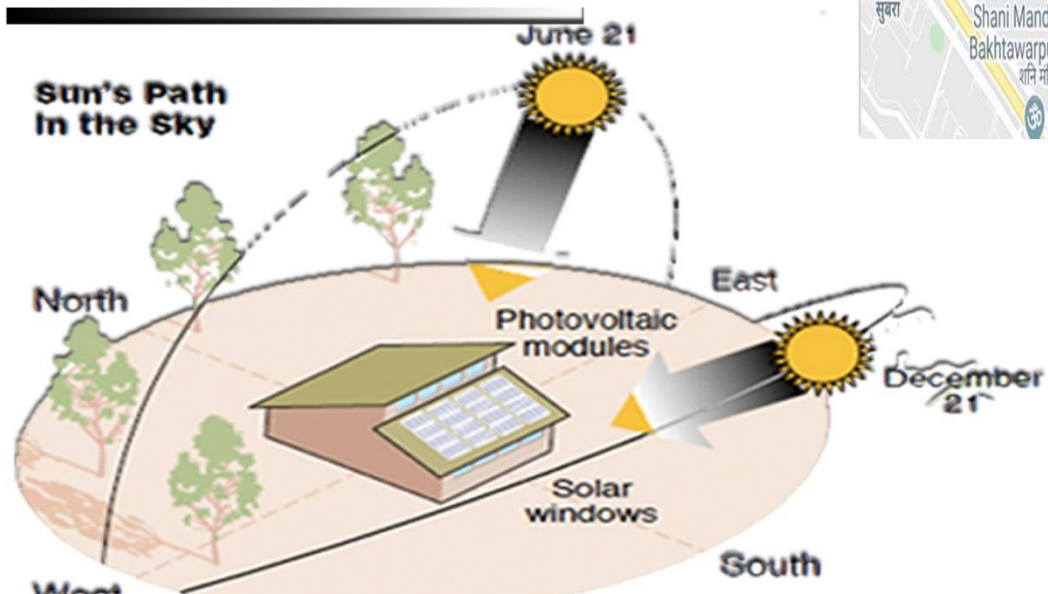
HDFC Bank (235.02 mi)

Noida 201303

FOUNDER - ALOK DIXIT

AREA OF SITE - 6000 SQFT

CLIMATE



The climate is subtropical, with a very mild and sunny winter, a very hot season from mid-March to mid-June (before the monsoon), and a muggy and rainy summer due to the monsoon.

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Min (°C)	6	10	14	20	26	28	27	26	24	18	11	7
Max (°C)	21	24	29	36	40	39	35	34	34	28	23	23
Min (°F)	43	50	57	68	79	82	81	79	75	64	52	45
Max (°F)	70	75	84	97	104	102	95	93	93	82	73	73



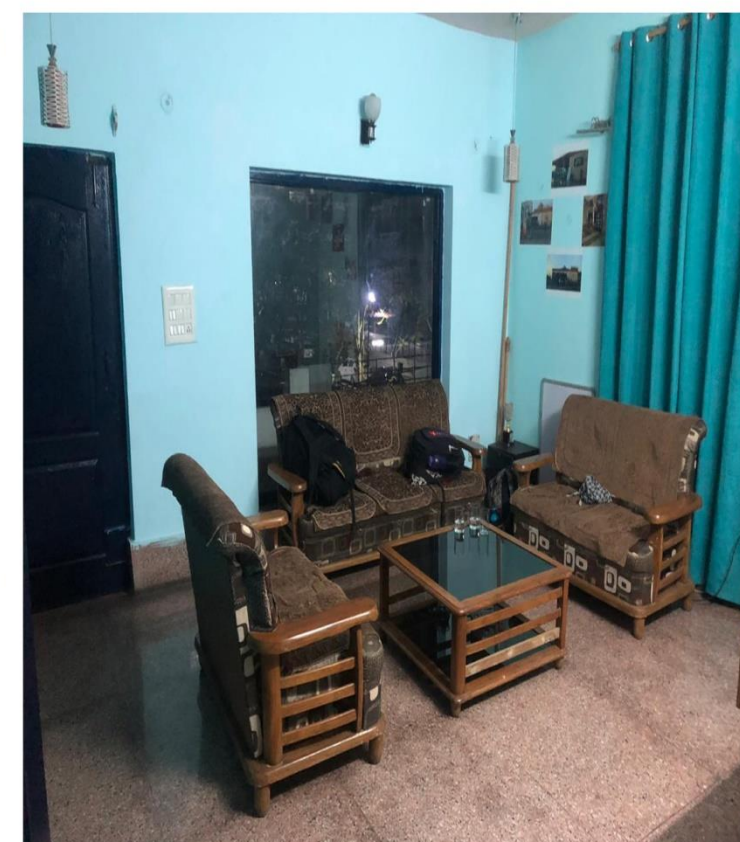
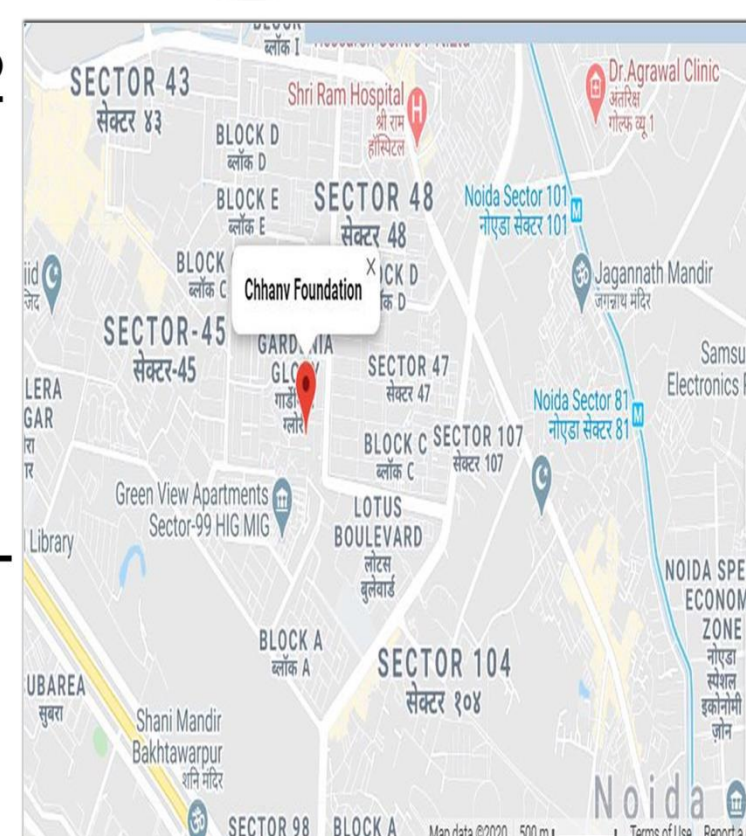
APPROACH



3KM (CHHANV TO RAILWAY STATION)

1KM (CHHANV TO BUS STATION)

6 KM (CHHANV TO AIRPORT)



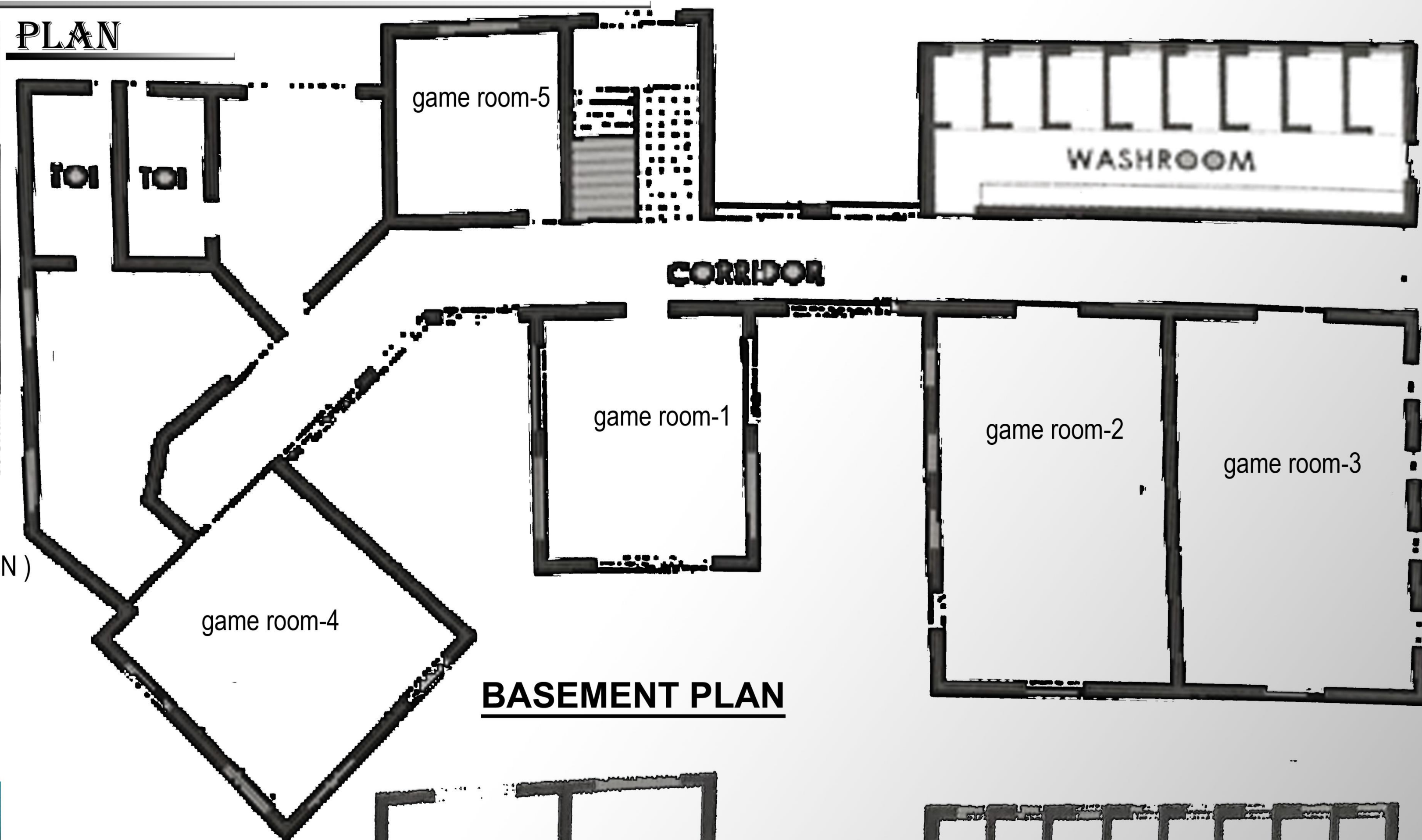
MAP



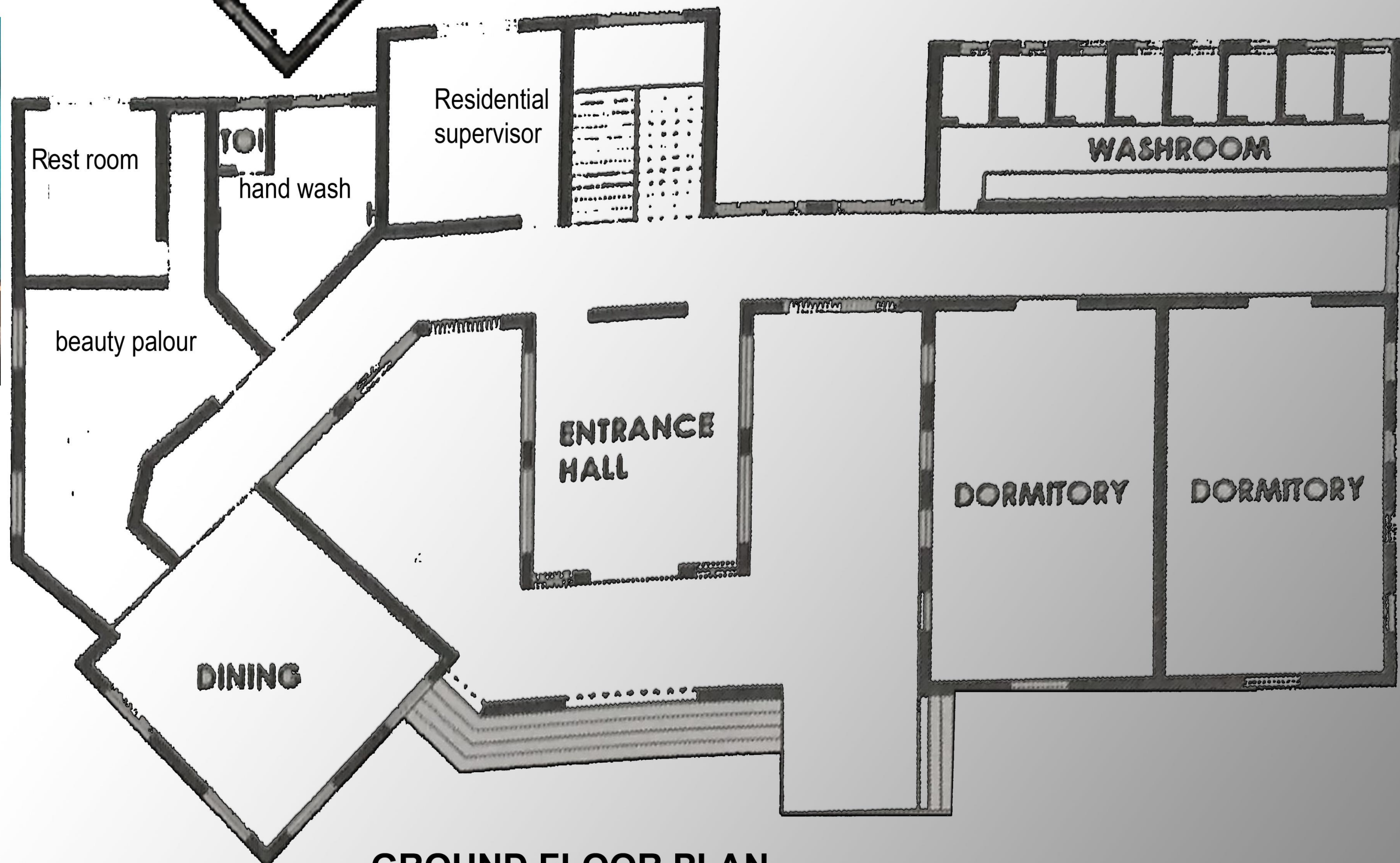
TEMPERATURE

The hot season lasts for 2.8 months, from April 14 to July 8, with an average daily high temperature **above 96°F**. The hottest day of the year is May 26, with an average high of 103°F. and low of 81°F.

PLAN



BASEMENT PLAN



GROUND FLOOR PLAN

THESIS BY- ANKITA SINGH B.ARCH FINAL YEAR ROLL NO-1150101015

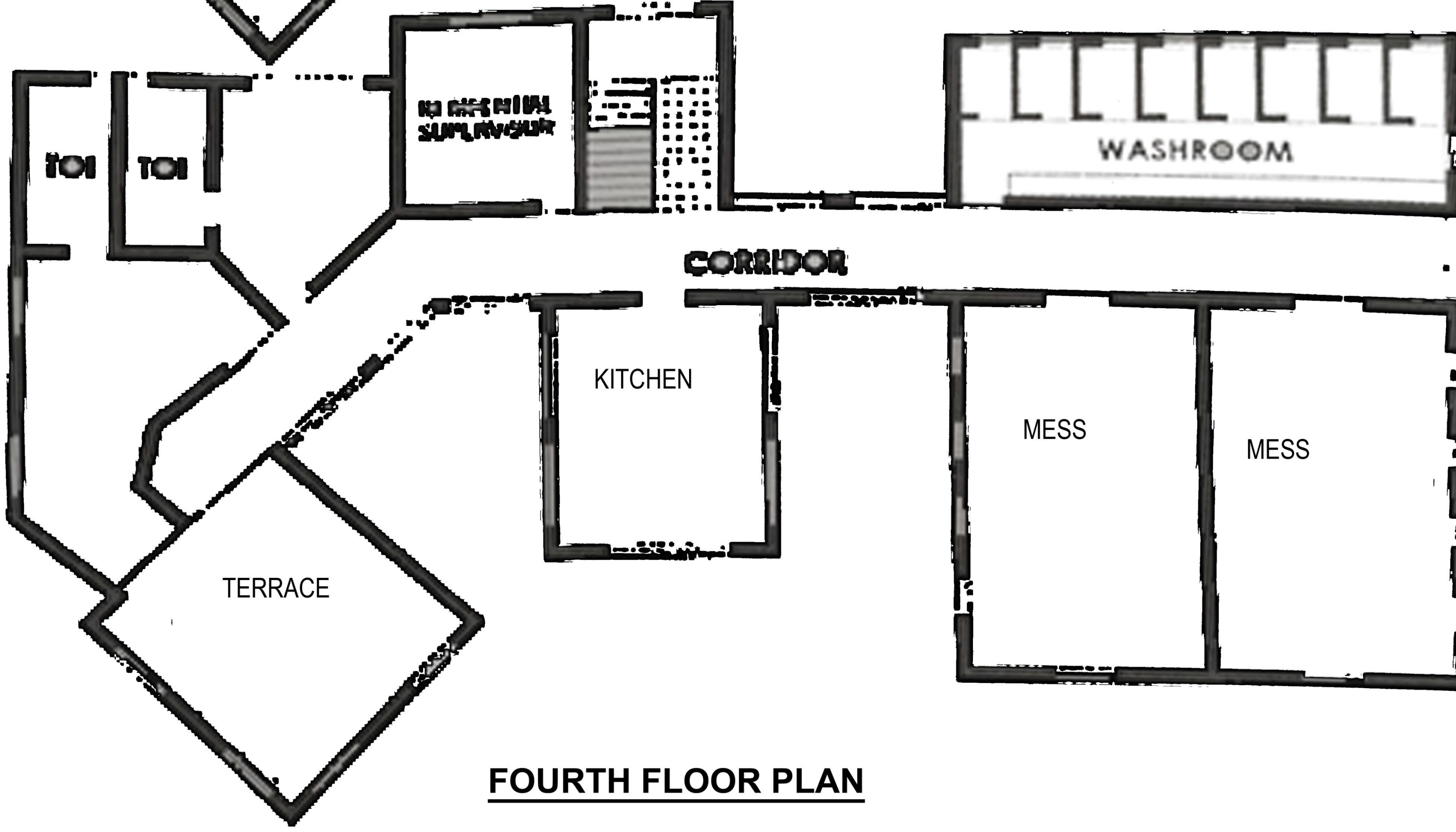
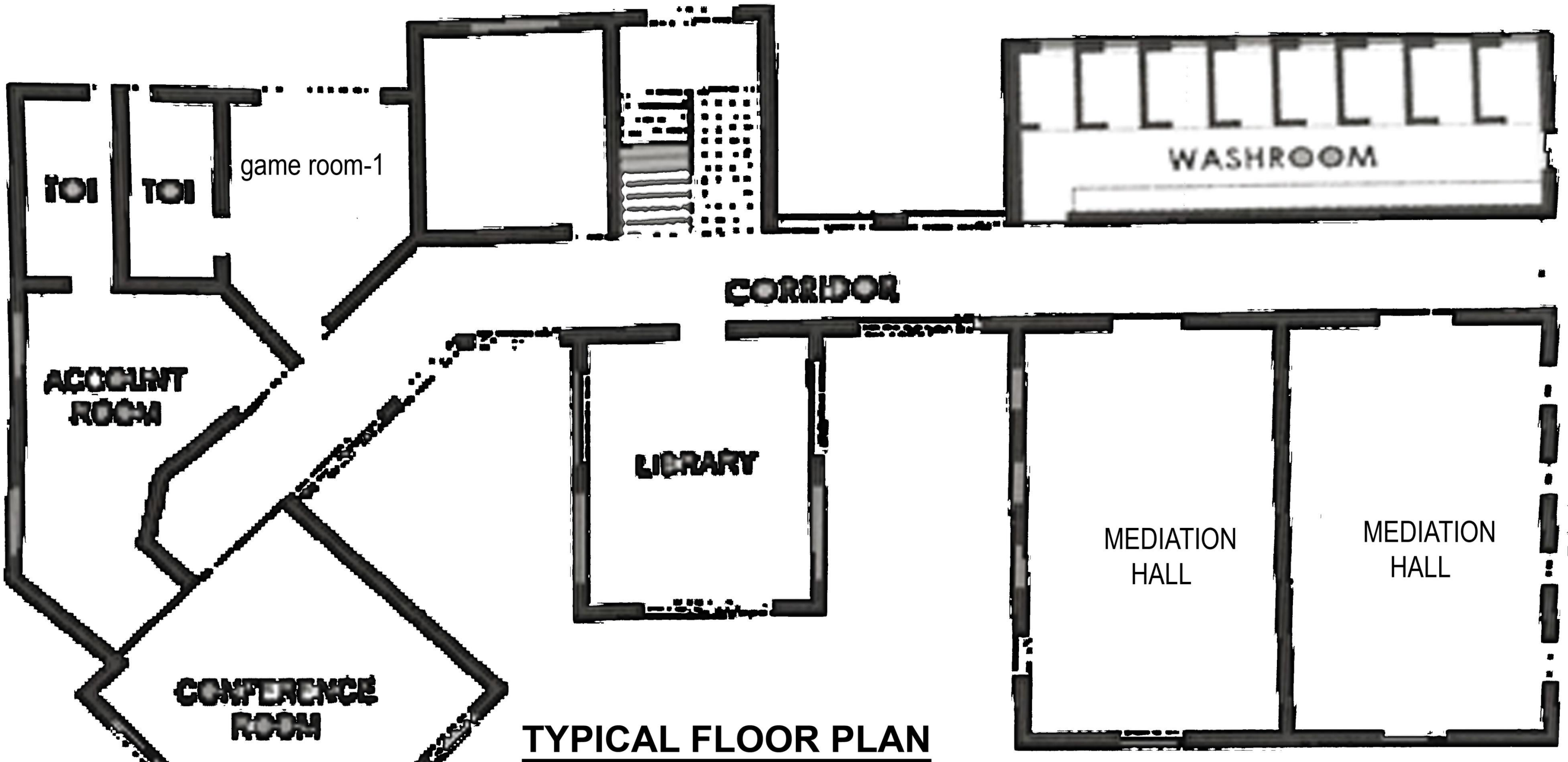
GUIDED BY- PROF. MOHIT KUMAR AGARWAL AND AR.RAMAKANT

REHABILITATION CENTRE FOR ACID ATTACK

SURVIVORS

(CENTRE FOR HOPE & DREAM FOR ACID VICTIMS)





PLANNING

Building design according to the Psychology of the survivors of acid attack survivors

Permeability throughout the whole building design.

Admission of more light and air in the building to support victim's development.

Use of bright and vibrant colours to make the place look lively

DORMITORY

Dormitory for the girls are designed with max possible fenestration and ventilation so that they get all the facilities which they were deprived from in brothers.

COLOURS

Use of bright and vibrant colours to make the space lively and joyful.

OPEN CORRIDORS

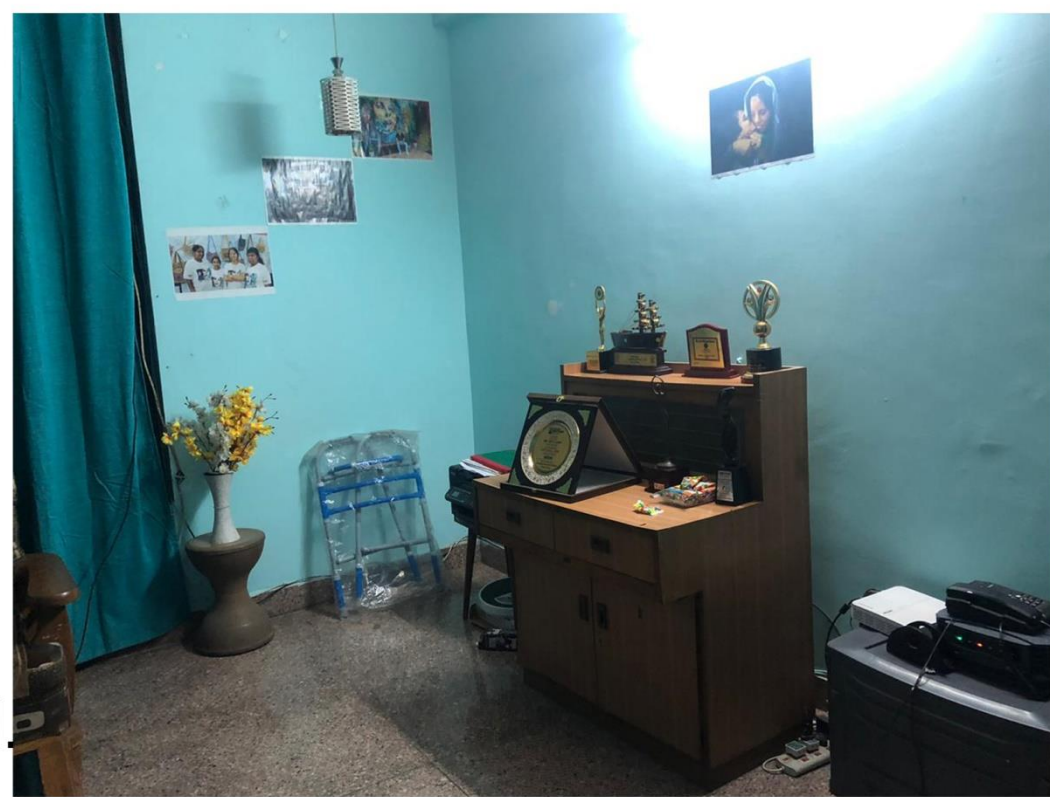
Use of french windows to illuminate the corridors with light and provide the light and provide the building with fresh air all time .

COMPOUND WALL:

- 1. Compond wall in 5 feet high.
- 2.It is designed in an arch style with serveal cut-out patterns to maintain transparency with the outer world so that the victims and other people of society can have connections with each other.
- 3.Short wall thith cut-outs donot give victims the feelings of being trapped and doesnot hinder their fredom.

DOORS:

- 1.Main door is made up of glass to give girls the felling of freedom.
- 2.There are no locks on the door.
- 3.The locking system is such that the person can open the door from inside without any key but from outside to open the door key is needed.



REHABILITATION CENTRE FOR ACID ATTACK

SURVIVORS

(CENTRE FOR HOPE & DREAM FOR ACID VICTIMS)





CASE STUDY-2

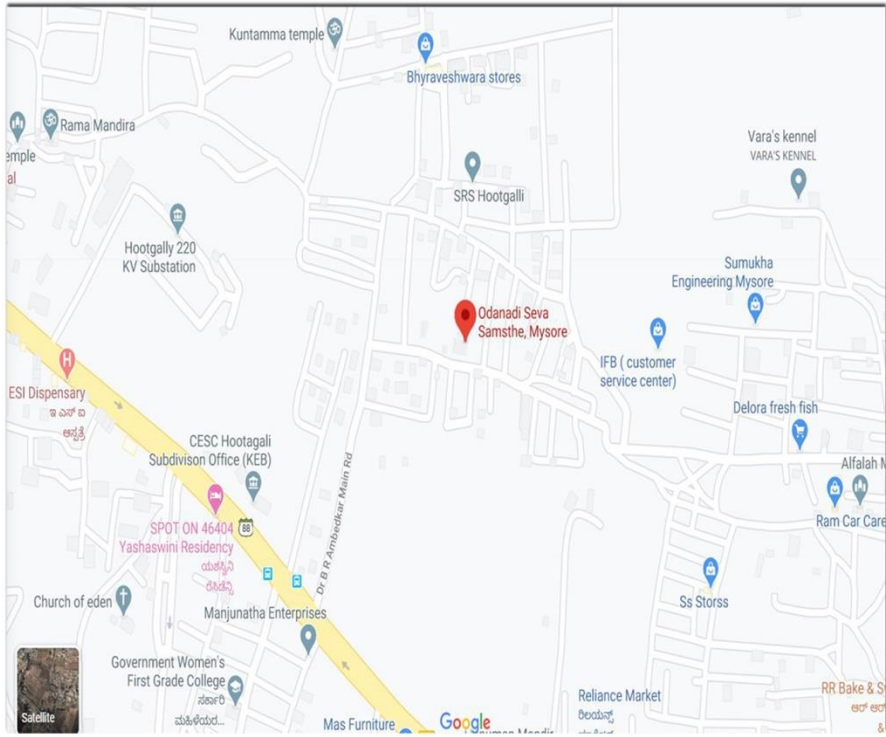
CASE STUDY-2(ODALU)REHABILITATION CENTRE

LOCATION- Mysore,KARNATAKA

CLIENT- ODANADI SEVA SAMSTHE

AREA OF SITE- 3 ACRES

CAPACITY- 38 PEOPLE



Odalu,the home was built after consulting experts,including psychologists. “The environment breaks the mould of traditional rehab homes that offer care and support to traumatized children.

”The lives of the inmates and children are compared to a tree. The past has to be buried so that the roots get into the past,while the trunk turns into family and well-wishers,The leaves became their future and happiness.”

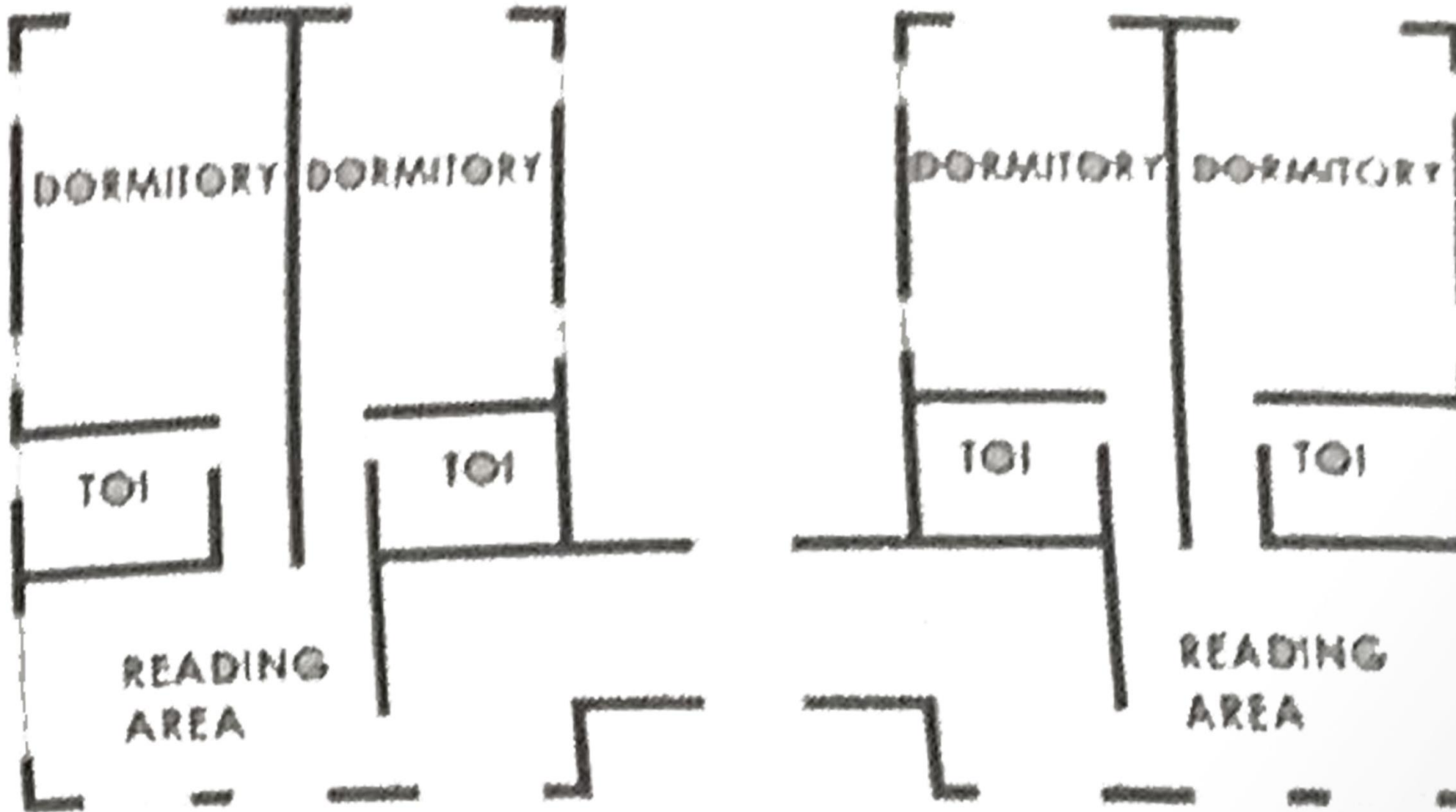
ABOUT

GROUND FLOOR- DORMITORY ,TOI, READING AREA ,

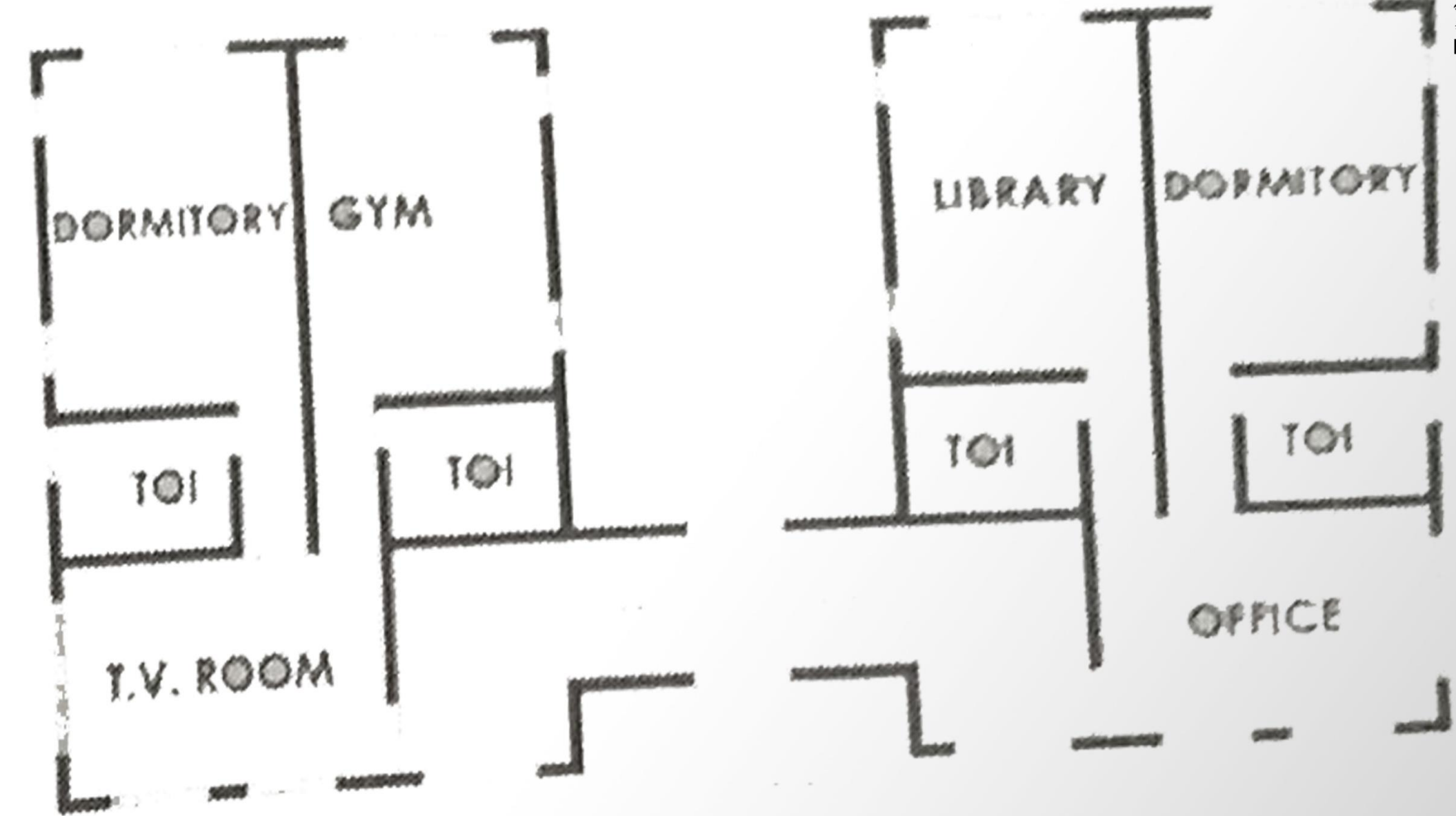
SECOND FLOOR - DORMITORY ,TOI.,T.V.ROOM OFFICE.

CLIMATE

The climate of Karnataka is hot with heavy rainfall during June to September which is the monsoon season. The South Karnataka has little hot and North Karnataka has semi-arid, tropical steppe type of climate. The winter season in this state starts from January to February and from March to May will be hot summer.



GROUND FLOOR PLAN



FIRST FLOOR PLAN

PLANNING

Building design according to the Psychology and mentally of the survivors of human trafficking

Transition of spaces from covered to semi-open for different activities.

Segregation of spaces according to the age group of the survivors.

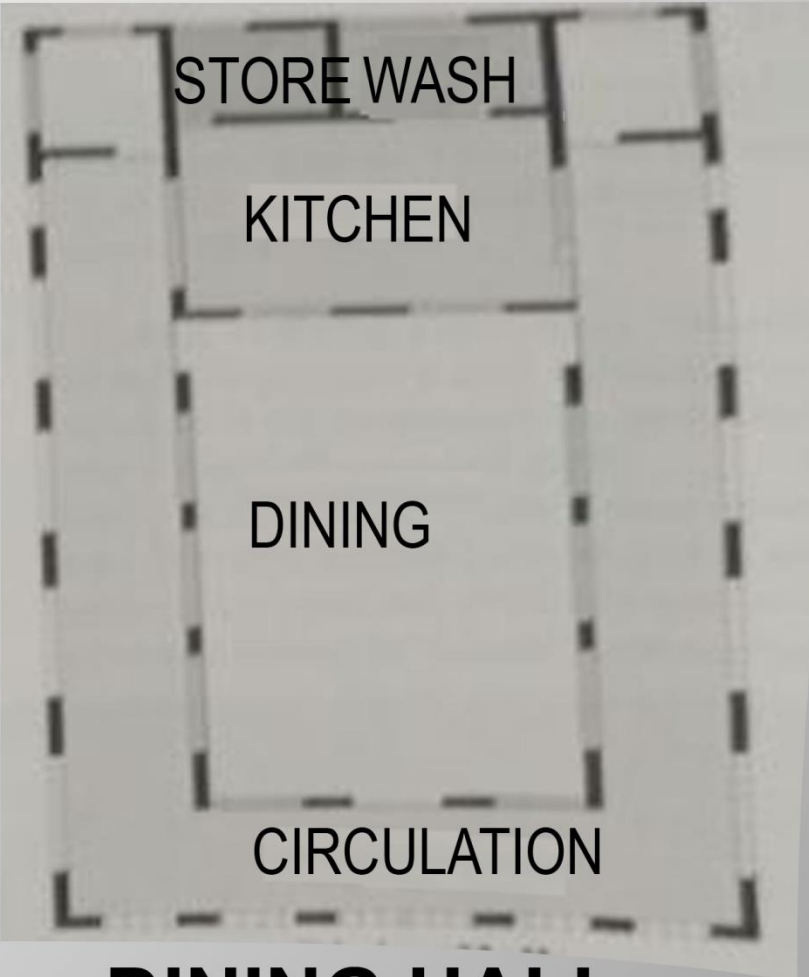
Use of bright and vibrant colours to make the place

No doors on the entrances,sliding windows to avoid bars in the large openings.

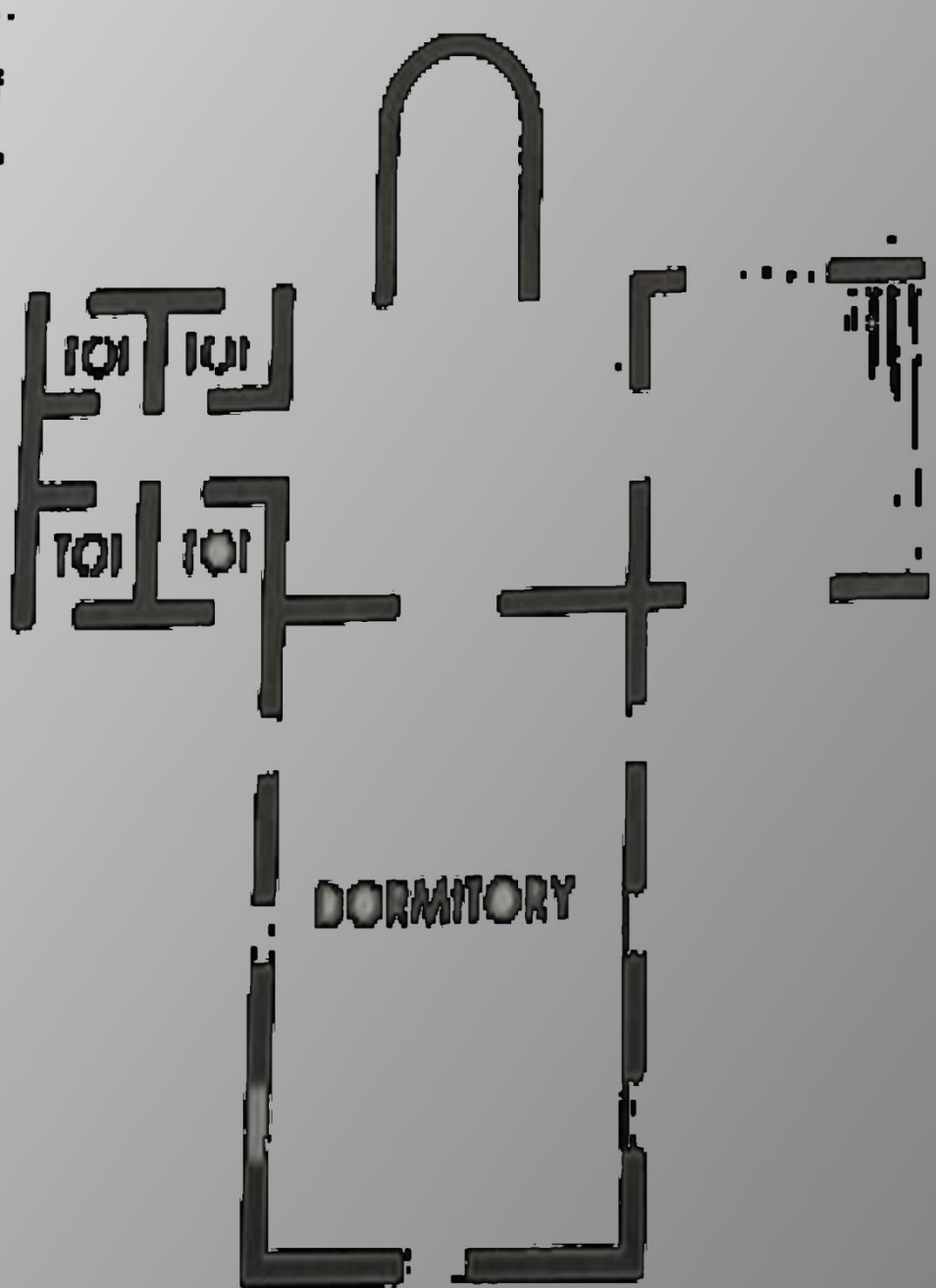
FUTURE EXTENSION

There is a proposal for a building for dormitory for the increased occupancy in the building in the future.

The building like the other blocks does not have any door and bars.



DINING HALL



REHABILITATION CENTRE FOR ACID ATTACK

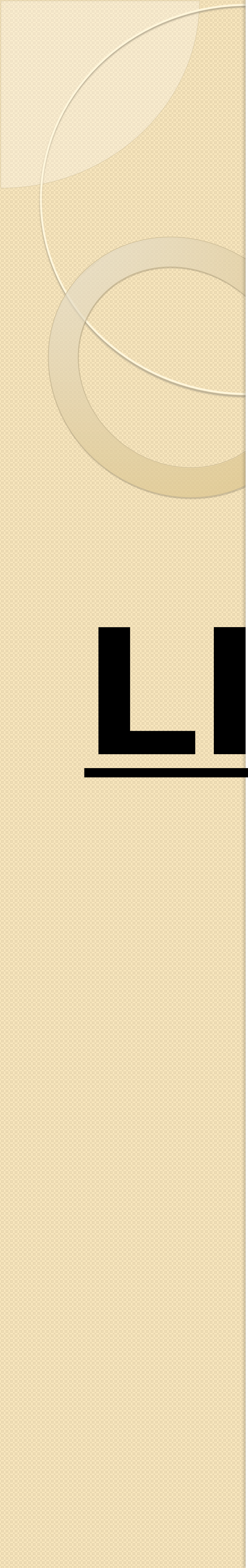
SURVIVORS

(CENTRE FOR HOPE & DREAM FOR ACID VICTIMS)

THESIS BY- ANKITA SINGH B.ARCH FINAL YEAR ROLL NO-1150101015

GUIDED BY- PROF. MOHIT KUMAR AGARWAL AND AR.RAMAKANT





LITERAYURE STUDY-I

LITERATURE STUDY-2 (BOISAR HOME)REHABILITATION CENTRE

SITE PICTURES



LOCATION- Boisar,Thane,Maharashtra

CLIENT - Rescue Foundation

AREA OF SITE- 65 acres

INTRODUCTION-

Located at 85km away from Mumbai,with lush greenery and open spaces,5acres of land dedicated for girls only.It has a capacity for 150 girls. Girls in boisar home feel more relaxed and homely because of the green and open surrounding, which is also an important factors in rehabilitation process.

AREA DISTRIBUTION

BUILDING TYPOLOGY: Ground Floor Structures

TOTAL NO:Of girls-150

OFFICE:396 M2

WORKSHOPS: 497 M2

DORMITORY: 1026 M2

AUDITORIUM: 192 M2

CLASS ROOMS: 164 M2

HEALTH CARE CENTRE: 700M2

KITCHEN : 100 M2

DINING HALL:340M2

OUTDOOR PLAY AREA/INDOOR RECREATIONAL AREA:2195 M2



WORKSHOP



OFFICE AND STAFF QUATERS



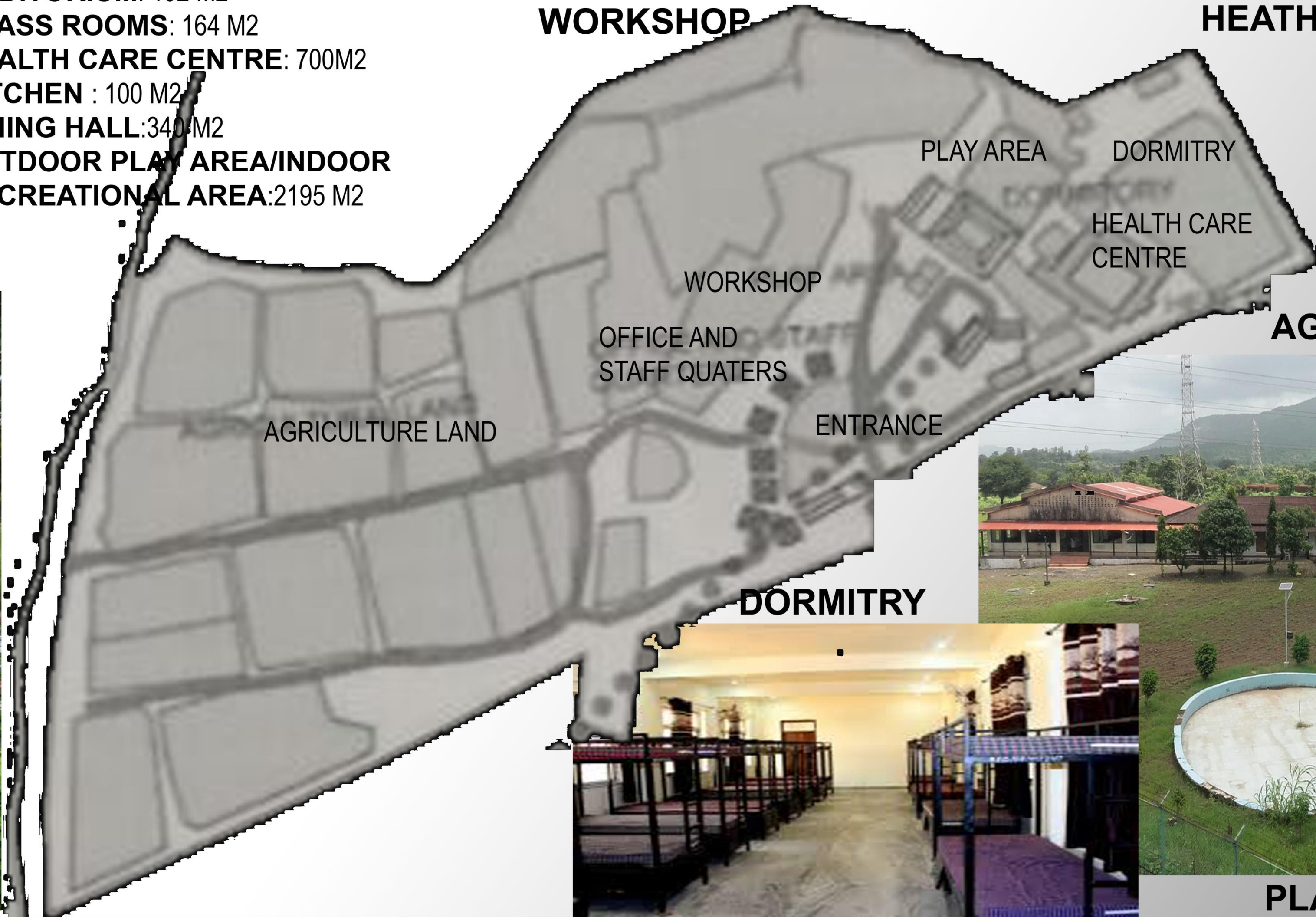
HEATH CARE CENTRE



AGRICULTURE LAND



PLAY GROUND



DORMITRY

THESIS BY- ANKITA SINGH B.ARCH FINAL YEAR ROLL NO-1150101015

GUIDED BY- PROF MOHIT KUMAR AGARWAI AND AR RAMAKANT

REHABILITATION CENTRE FOR ACID ATTACK

SURVIVORS

(CENTRE FOR HOPE & DREAM FOR ACID VICTIMS)



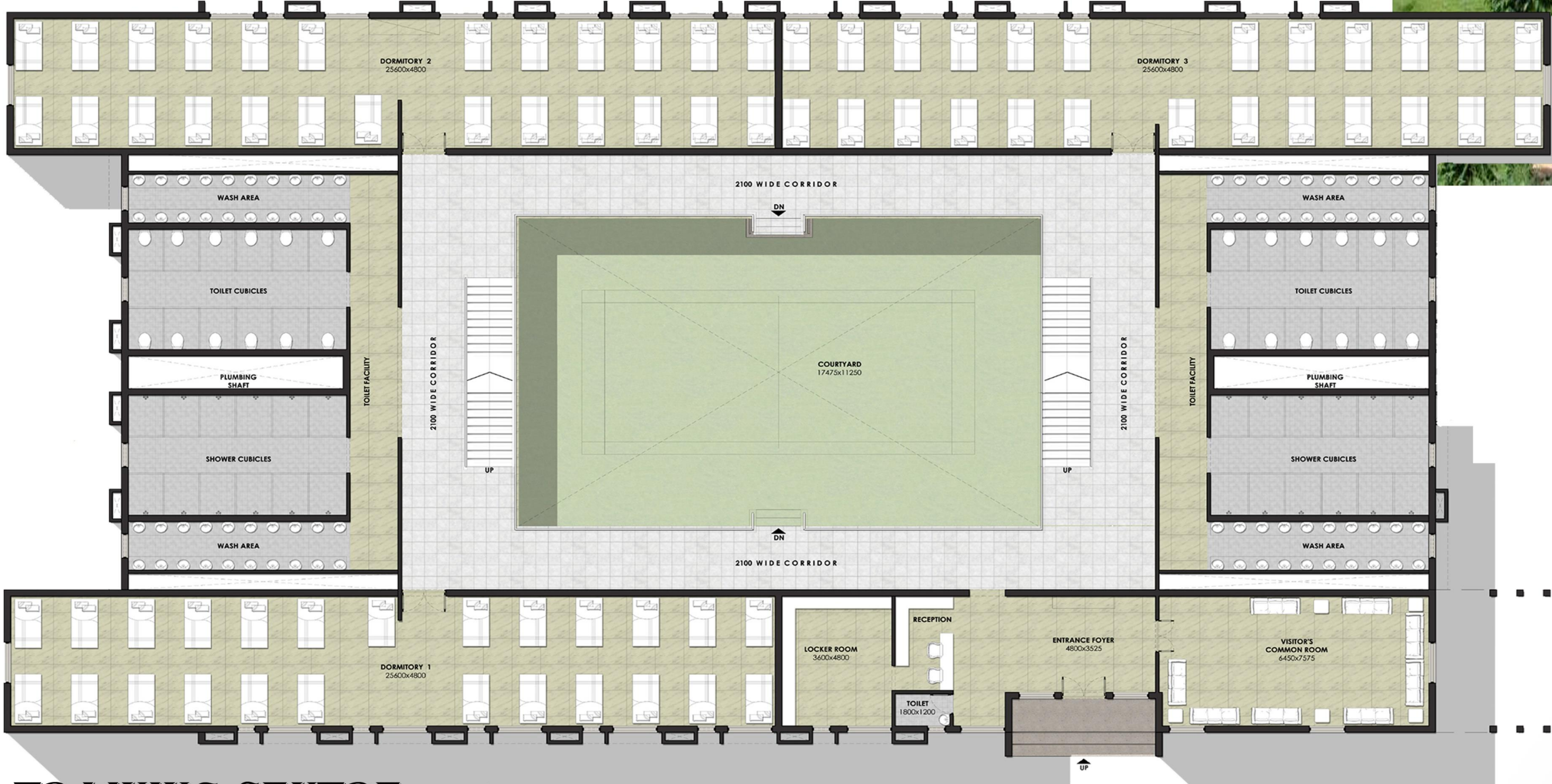
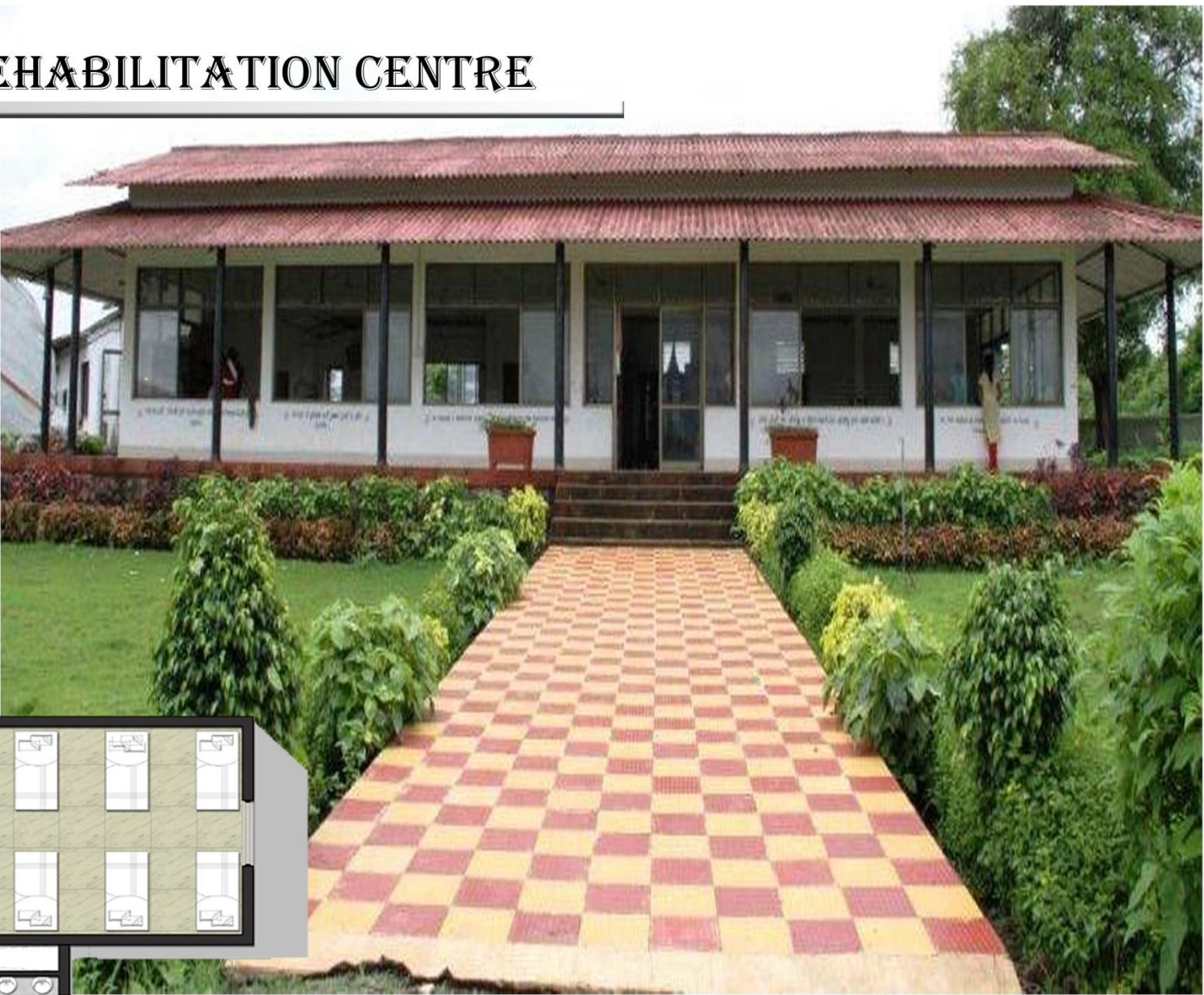
LITERATURE STUDY-2 (BOISAR HOME) REHABILITATION CENTRE

DORMITORY

Dormitories planned around internal courtyard ti give internal interactive and social space.

Nature and gardens surrounding rooms which helps in quick recovery of the inhabitants.

SUMMARY AREA STATEMENT	
OCCUPANCY / ROOM	25 no
NO.OF ROOMS/ FLOOR	04 no
GROUND COVERAGE	12,220 sqft



GROUND FLOOR PLAN

DINING HALL

TRAINING CENTRE

Training centre is designed as a big multi-purpose hall which is used for education classes as well skill development training.



RECOVERY CARE

Recory Care centre is primarily a concept of mental & physical care,not only a place for medical treatment.

It is combined with other fun spaces and library to make the same more intersetion lively.



ACTIVITIES:

INVESTIGATION

RESCUE

HEALTH CARE-Hiv/aids, abortions,deliveries,

Vocation training for sustainability.

Legal aid to prosecute brothel keepers.

psycho-social counseling

repatriation-wedding

safe protective home and rich nutrition



OTHER CARE



BIO-GAS PLANT



CATTLE-SHED



AGRI-CULTURE

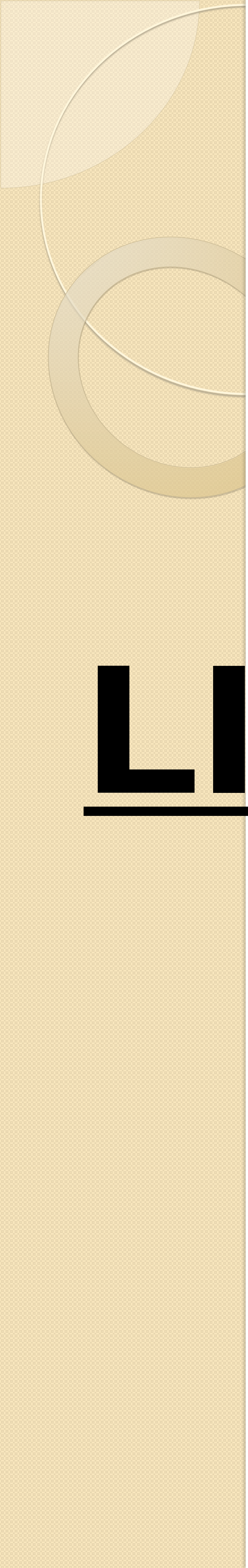
REHABILITATION CENTRE FOR ACID ATTACK

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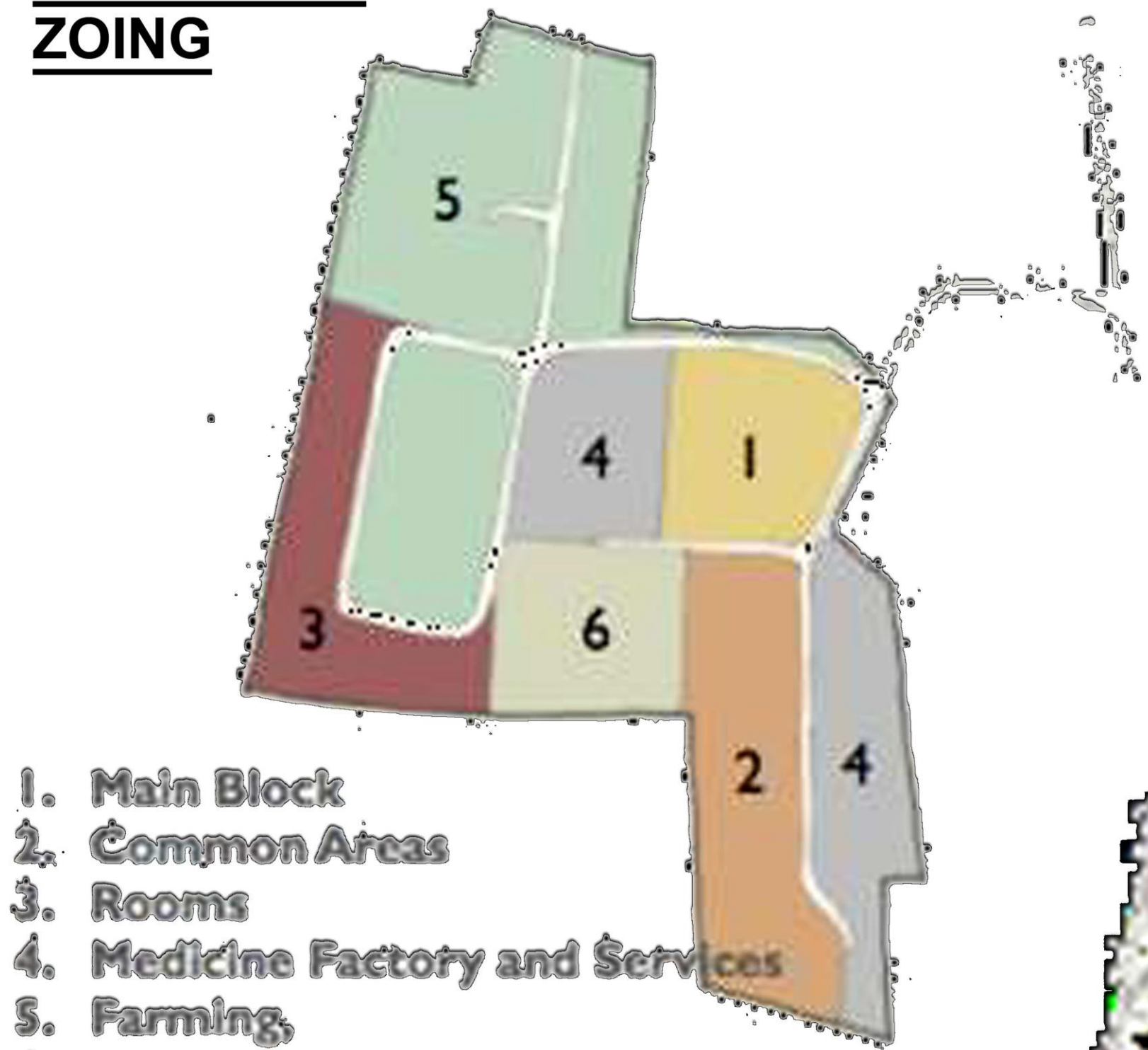
LITERAYURE STUDY-2

DEAD STUDY-(ATMASANTULAN VILLAGE) REHABILITATION CENTRE

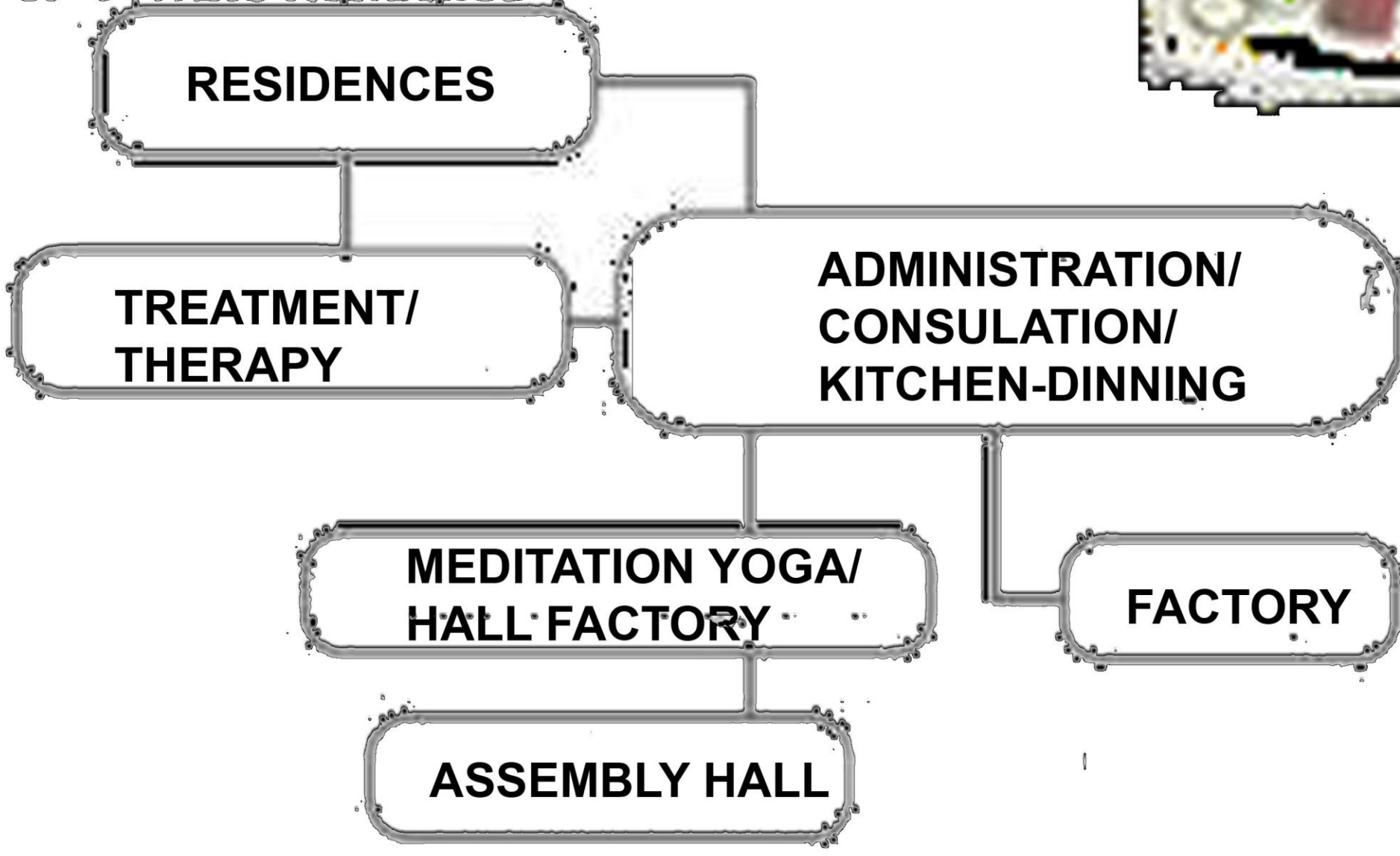
LOCATION- Atmasantulana Village,
Near MTDC Holiday Resort, Off. Old
Pune-Mumbai Highway, Karla,
Tal:Maval, Lonavla, Maharashtra.
FOUNDER - SHRI BALAJI AMBE
AREA OF SITE- 35 acres
SITE SURROUNDING:

Located near to Lonavala in a
beautiful rustic setting on it's own campus.
Nearest Railways Station: Lonavala
Nearest Airport: Pune and Bombay
Sattvik Excursions around and in Lonavala

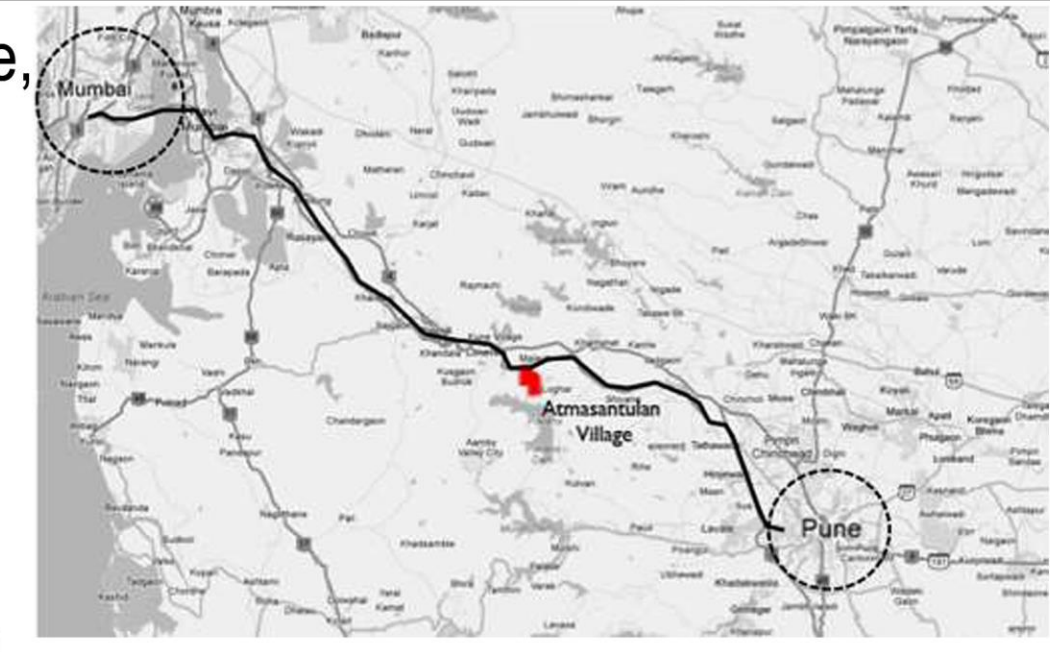
SITE PLAN:- ZOING



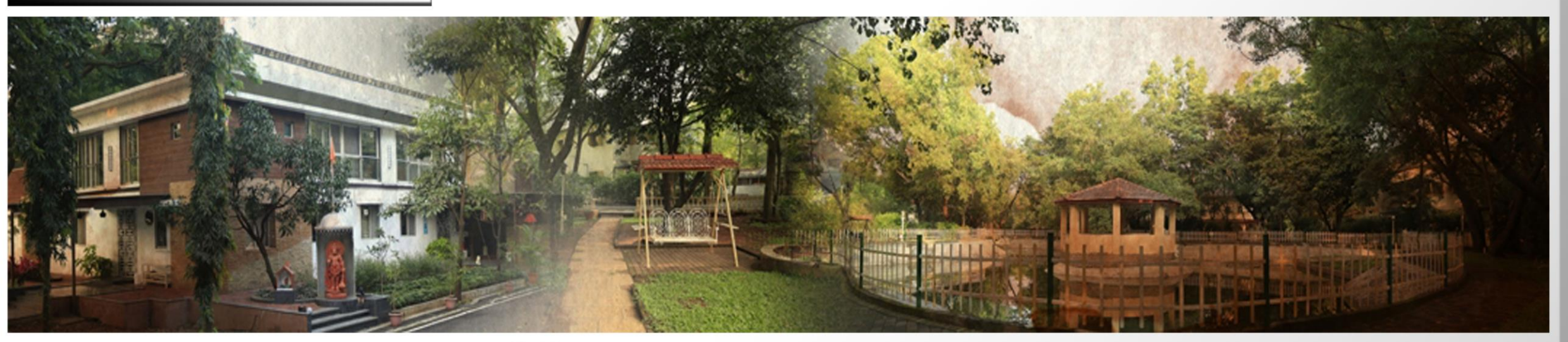
- 1. Main Block
- 2. Common Areas
- 3. Rooms
- 4. Medicine Factory and Services
- 5. Farming,
- 6. Private Residence



- 1-MAIN BLOCK
ADMINISTRATION ,OPD,
AYURVEDIK TREATMENT
DINNING, CAFE
- 2- COMMON AREA,
ASSEMBLY-HALL,GYM,
GARDEN,
- 3-ROOM
- 4- MEDICINE FACTORY-
PRODUCTION,STORE,
SERVICES,WATER TANK,
STAFF QUATER



SITE IMAGE



ADMINISTRATION



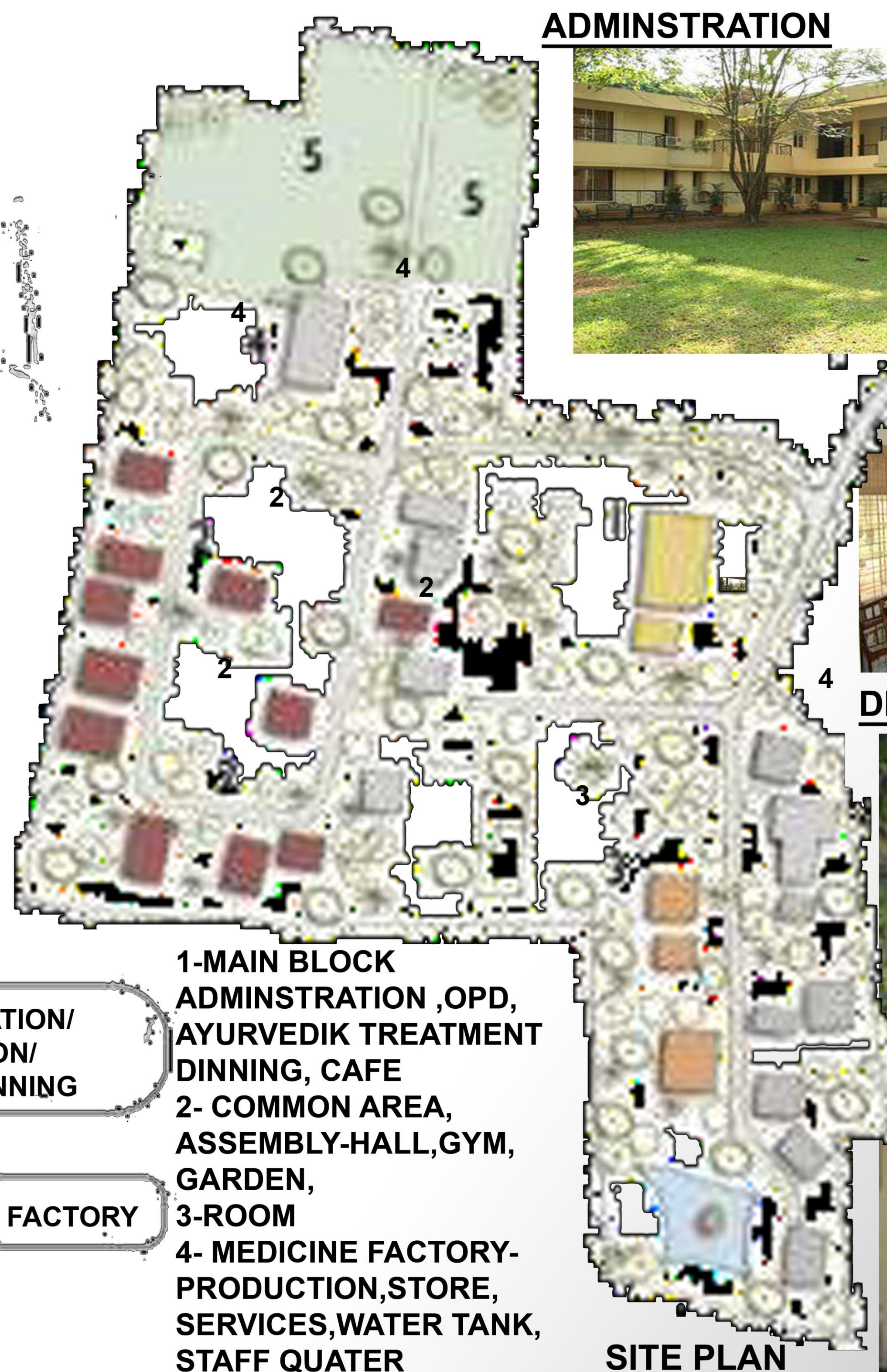
AYURVEDIK TREATMENT



DINNING HALL



SITE PLAN



REHABILITATION CENTRE FOR ACID ATTACK

SURVIVORS

(CENTRE FOR HOPE & DREAM FOR ACID VICTIMS)

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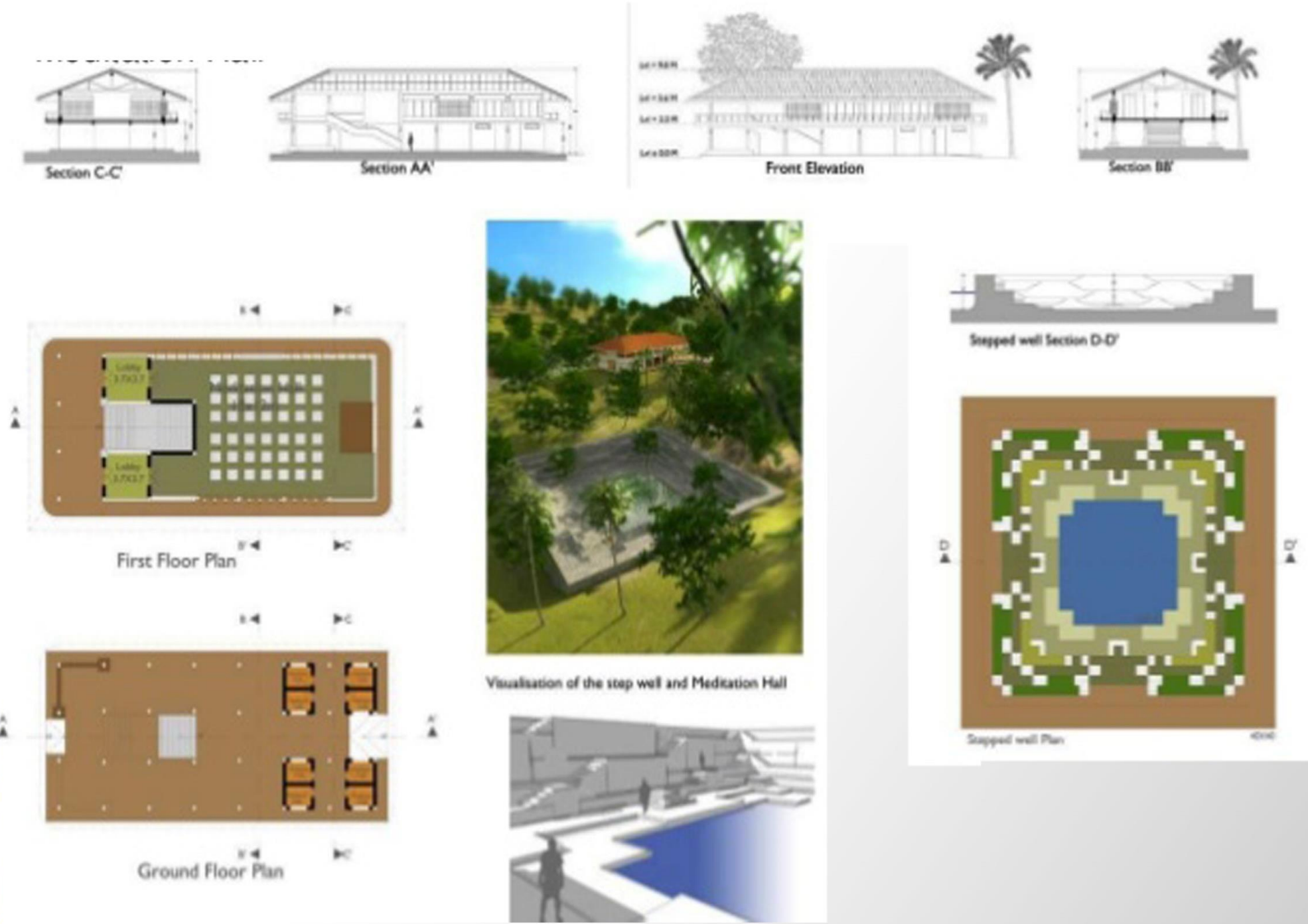
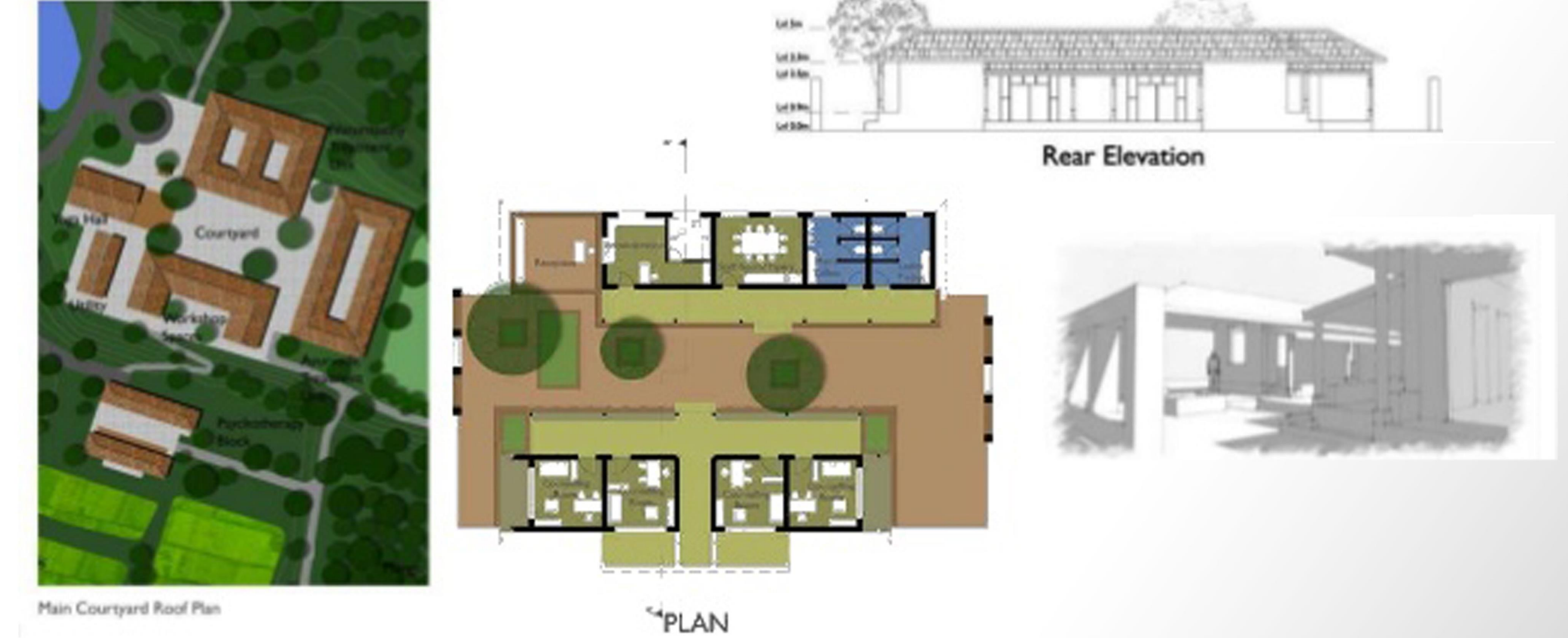
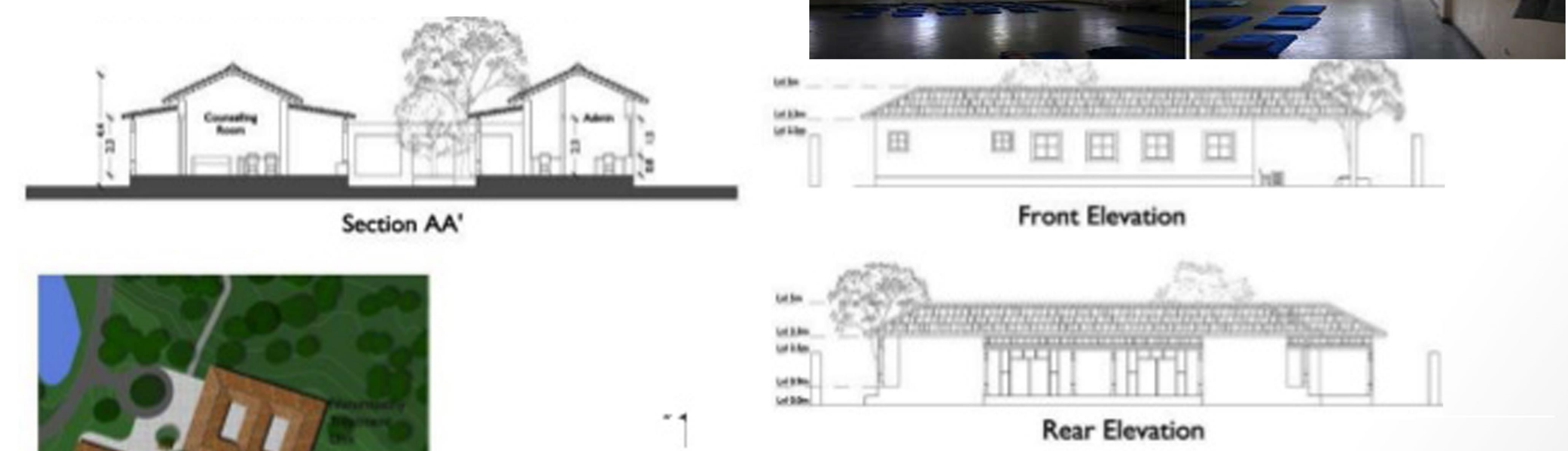
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MAIN COURTYARD



PSYCHOTHERAPY COUSELING UNIT



PLAN OF COTTAGE



OBSERVATION AND ANALYSIS:-

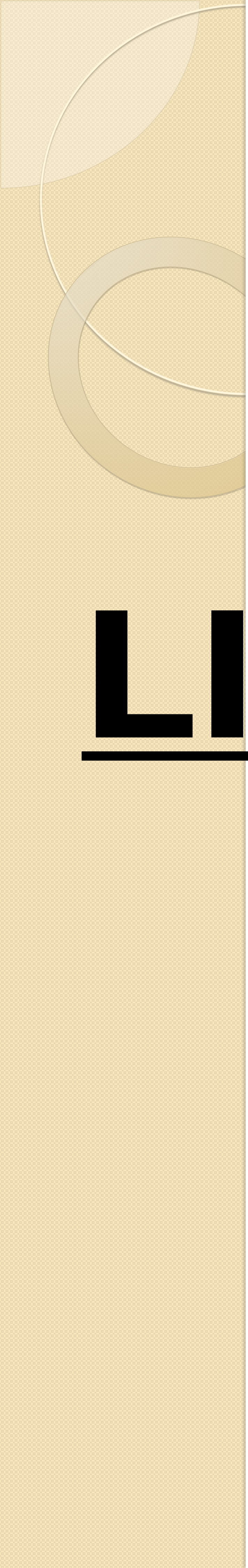
- 1- Isolation from urban enviroment.
- 2-Separation of public,semi public and administrative
- 3- OPDS for local and guest.
- 4-No character to the buildings.
- 5-Limited recreational activities.
- 6-Organic farming on the site.
- 7-Accessibility of the centre is more
- 8- Vegetation on the site - limited buffer from the surrounding sounds.
- 9-Limited space-cage for medication.
- 10-Courtyard planing.

REHABILITATION CENTRE FOR ACID ATTACK

SURVIVORS

(CENTRE FOR HOPE & DREAM FOR ACID VICTIMS)





LITERAYURE STUDY-3

LITERATURE STUDY-1 (VEILIAGE VESTE) REHABILITATION CENTRE

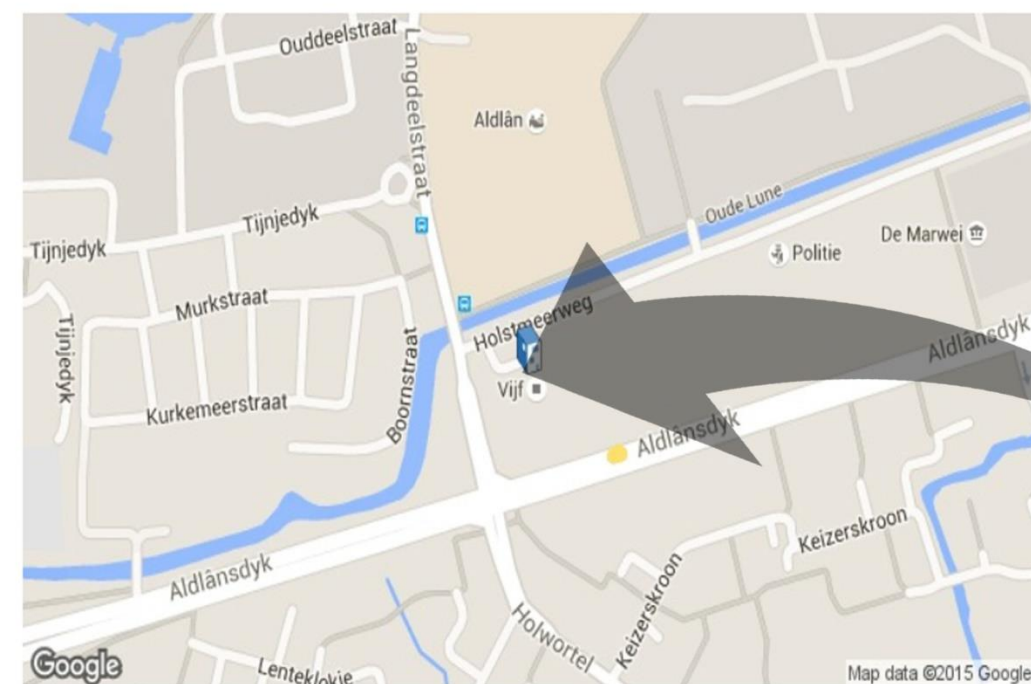
INTRODUCTION

The building was first constructed as a police station in the 1970s and the new diagonally folded facade panels act to both screen the original structure and provide room for additional insulation.

SITE AND SURROUNDING

Located in LEEUWARDEN Area of netherland ,the site is surrounded by Langdeel street on one side and adlansdyk street on other side.

- 1.ALDLAN STADIUM
- 2.BUS STOP
3. DE POTMARGE
- 4 .ALDLAN OOST

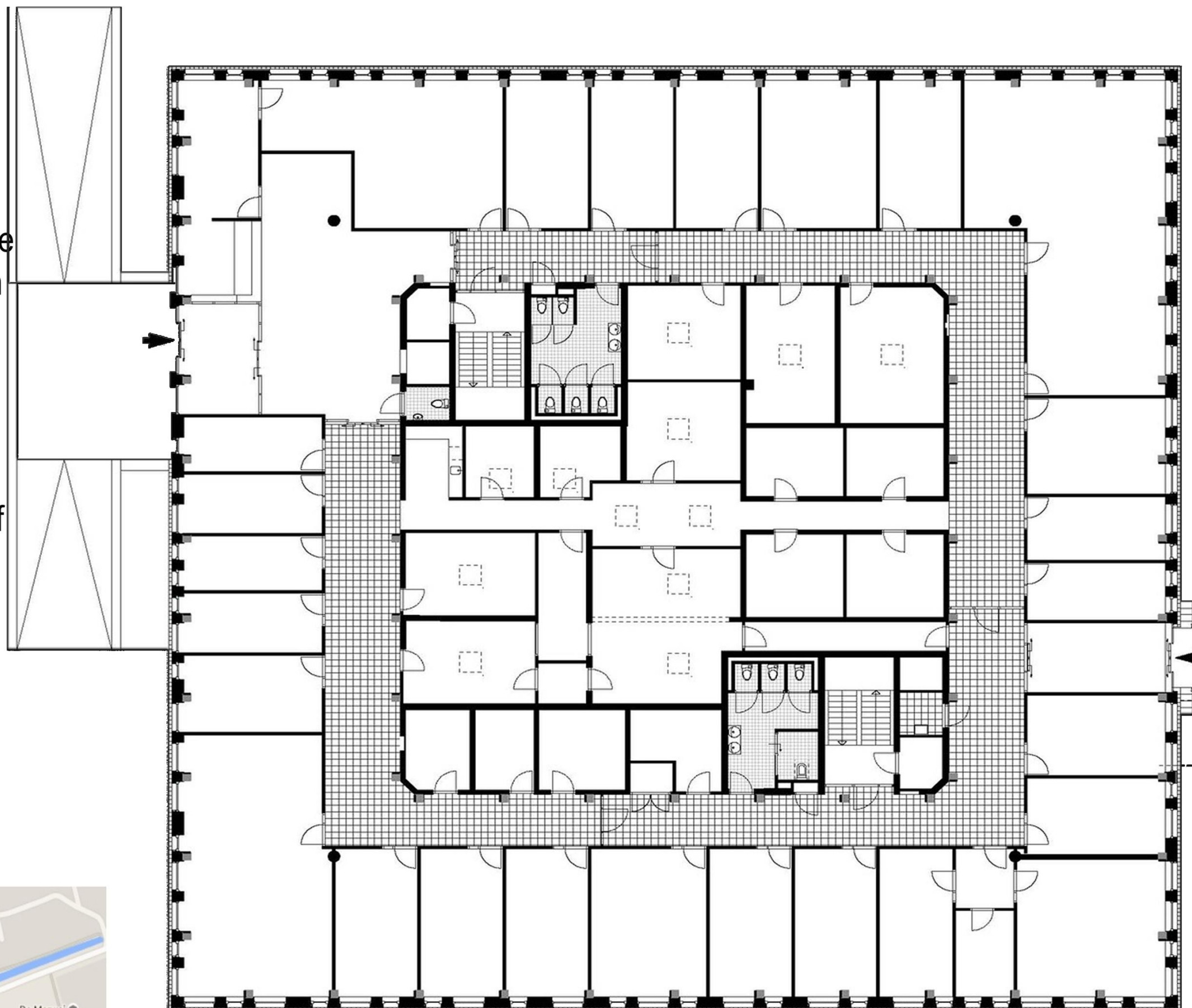


CONCEPT

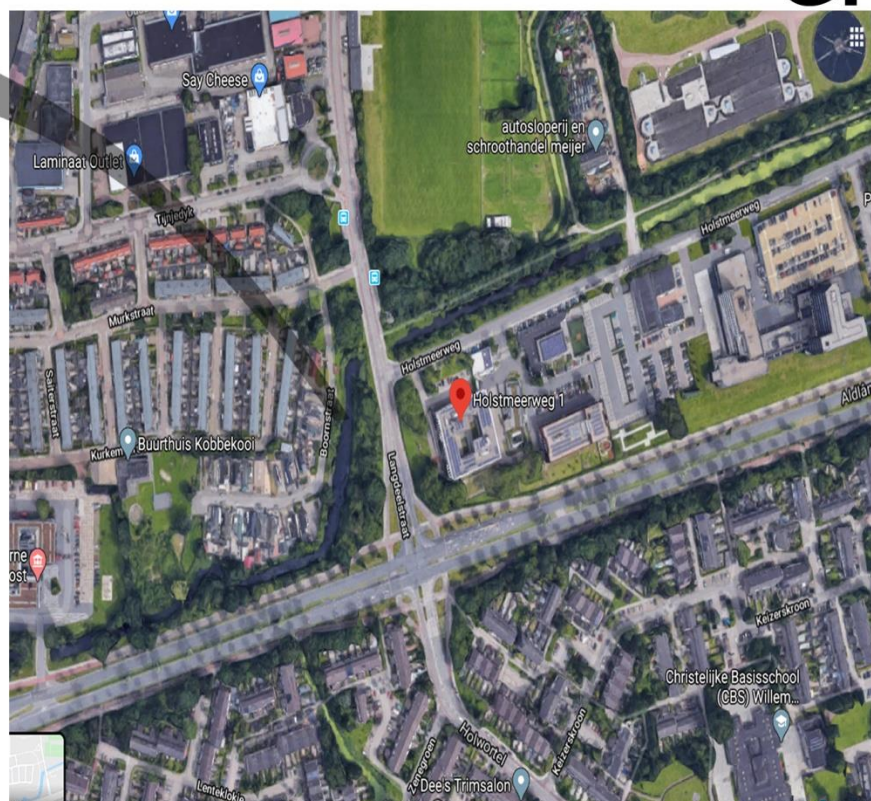
Bold , brave and safe is the concept for the new shelter for girls that have been victims of **HUMAN TRAFFICKING**.Not tucked away in anonymous houses in back alleys anymore,which is the way these girls are normally treated ..In their “**SAFE FORTRESS**” they send out a clear message we are no longer on the run game,over.

PLANNING

- 1.The ground floor consists of 1600 m2 offices, meeting rooms and treatment rooms.The former police station has a surface of 1700 square meters. Offices, meeting rooms and treatment rooms are located on the ground floor.



GROUND FLOOR PLAN



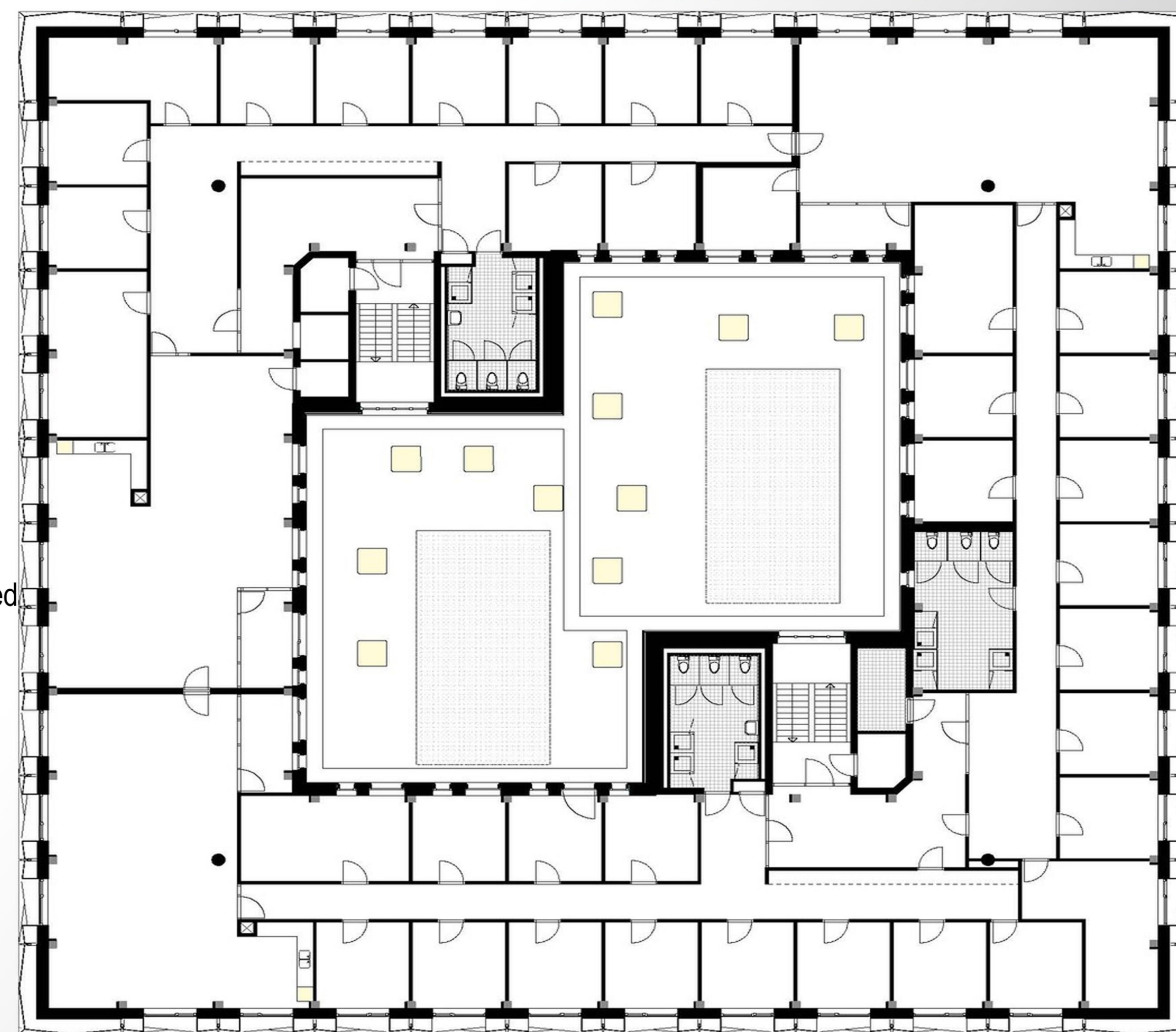
- 2.The 48 girls live on the first and second floor, divided residential groups.These floors are the ones covered with the diagonally angled square elements on the outside.
3. “A patio in Italy has a very important function: that is where the family comes together, where you relax, where you find tranquillity in a busy city.
- 4.The atmosphere in the patio is always completely different from outside the building; here you sense a much more warm and intimate atmosphere.” In the patio, Montesano worked with wood and bronze materials,creating a defined contrast with the white,

LOCATION- Leeuwarden, The Netherlands

ARCHITECT NAME- KAW Architecten

AREA OF SITE- 1800 SQ MT.

TOTAL NO OF GIRLS- home for 48 girls



FIRST FLOOR PLAN



REHABILITATION CENTRE FOR ACID ATTACK

SURVIVORS

(CENTRE FOR HOPE & DREAM FOR ACID VICTIMS)

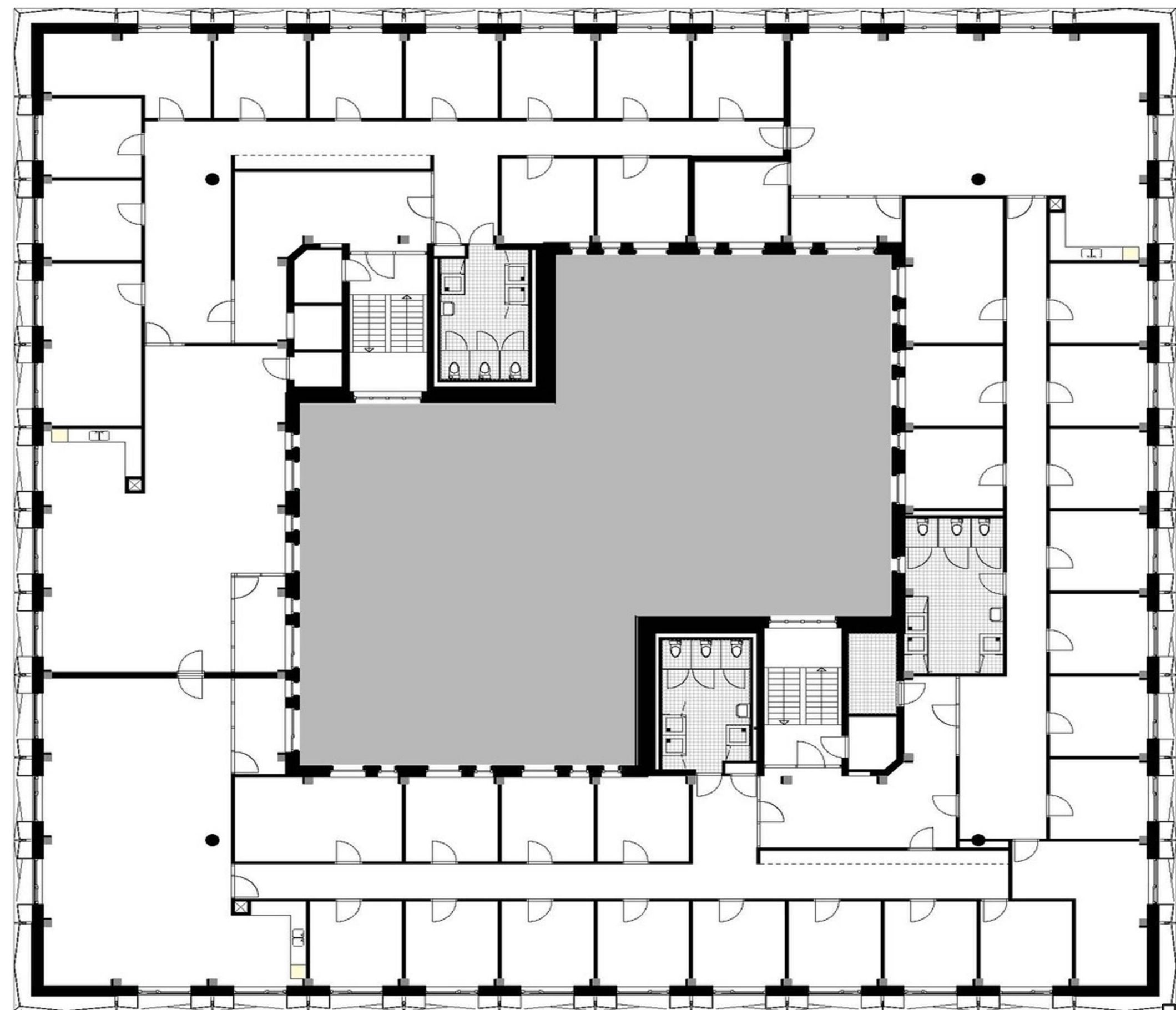
THESIS BY- ANKITA SINGH B.ARCH FINAL YEAR ROLL NO-1150101015

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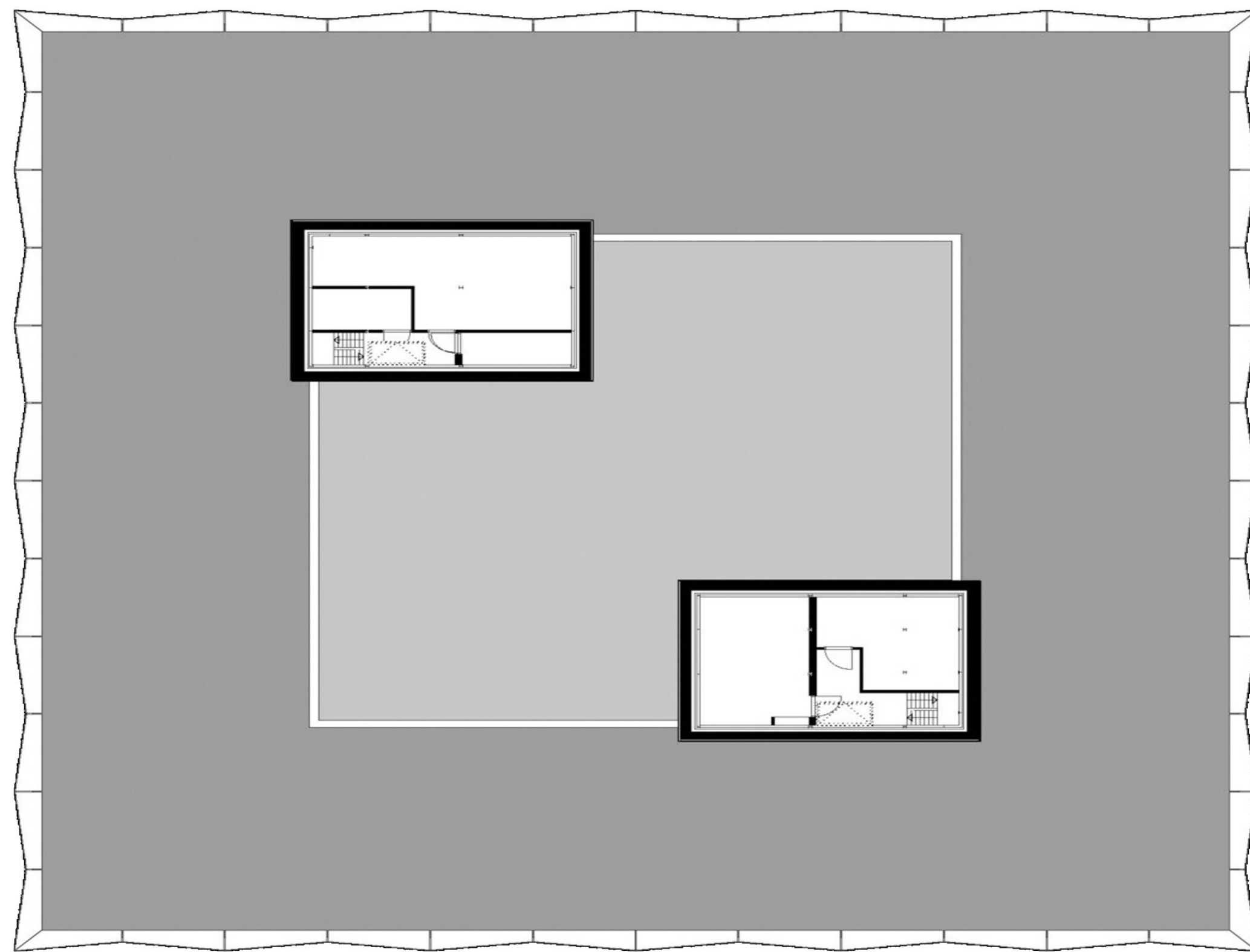


LITERATURE STUDY-1 (VEILAGE VESTE)

SECOND FLOOR PLAN



The second floor is a square built around a huge patio; a garden for the girls where they can be outside but still be safe from harm.

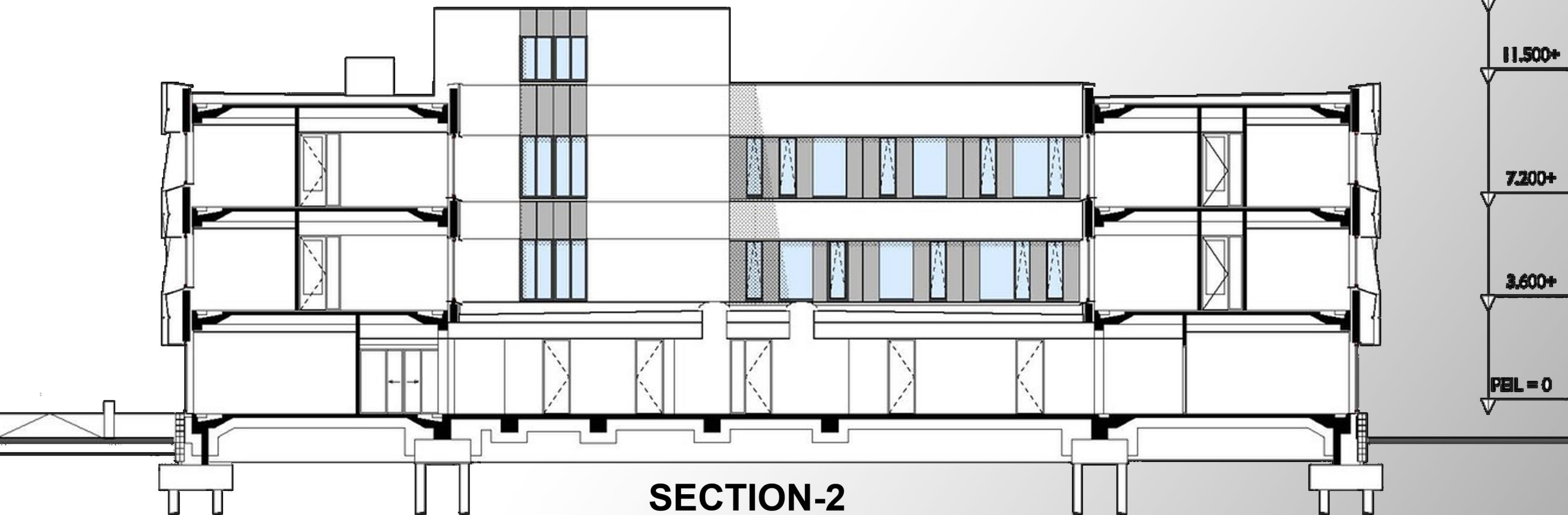


TERRACE

DOUBLE 3D VIEW

- 1) Covering the whole building with especially designed square composite elements; that is how architect Beatrice Montesano translated the work of the previous mentioned artists in the transformation of the old police station.
- 2) The strict 12 by 12 feet grid constituting the building inspired Montesano to design the diagonally angled squares, that are positioned alternately to create the diamond shape pattern that covers the building.
- 3) One is still moved by the amazing changes of light that are characteristic of the Dutch landscape.
- 4) The white façade with its subtle gleam interacts with its environment; you see the air and the trees reflected in them, changing shapes from every different angle and different time of the day.'
- 5) The façade on the ground floor is constituted from wooden panels and large windows, giving it the appearance of a building floating over ground level, which in turn enhances the concept of a fortress.

SECTION-1



SECTION-2



REHABILITATION CENTRE FOR ACID ATTACK

SURVIVORS

(CENTRE FOR HOPE & DREAM FOR ACID VICTIMS)

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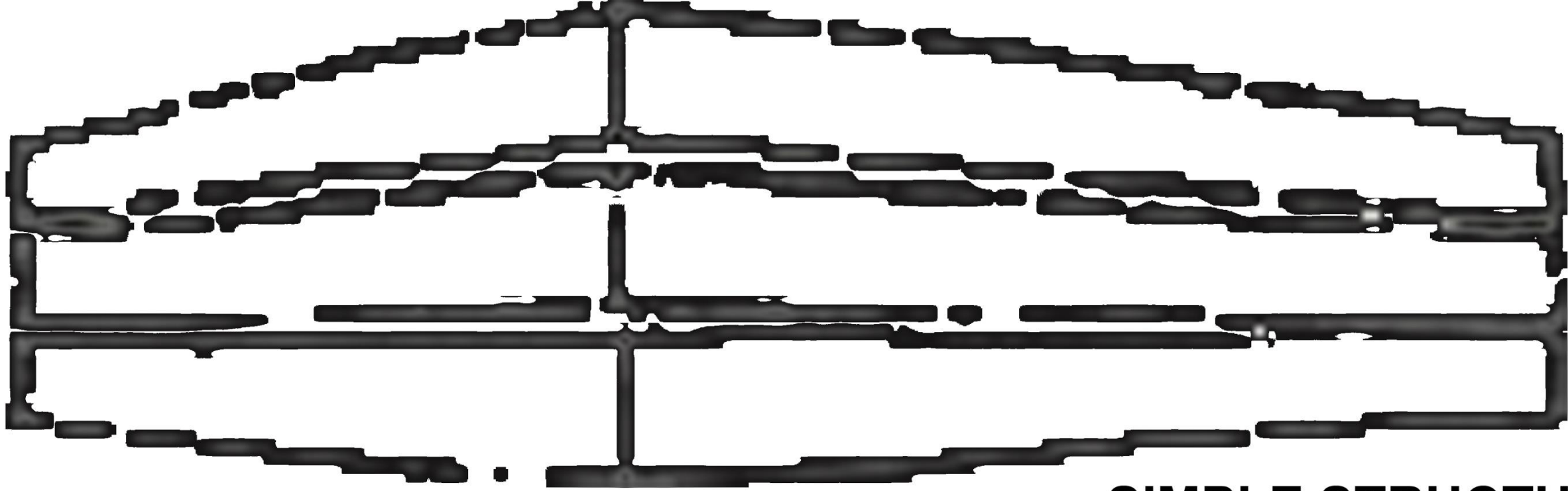
GUIDED BY- PROF. MOHIT KUMAR AGARWAL AND AR.RAMAKANT



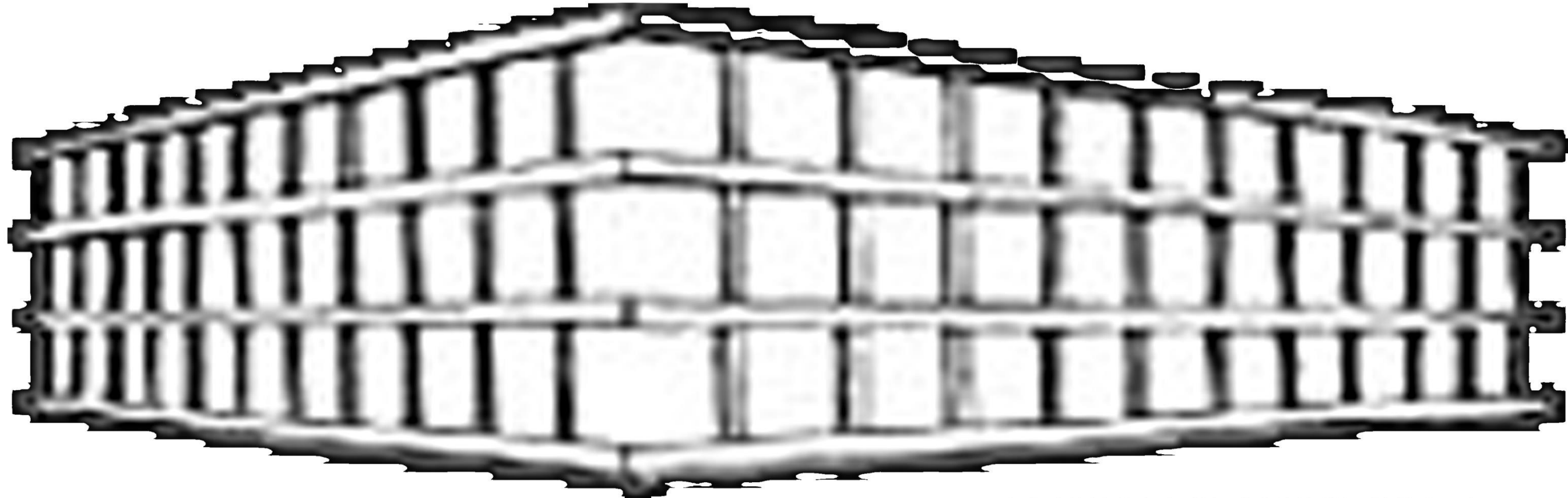
LITERATURE STUDY-1 (VEILAGE VESTE)

MASSIVE ENERGY REDUCTION THROUGH PASSIVE HOUSE

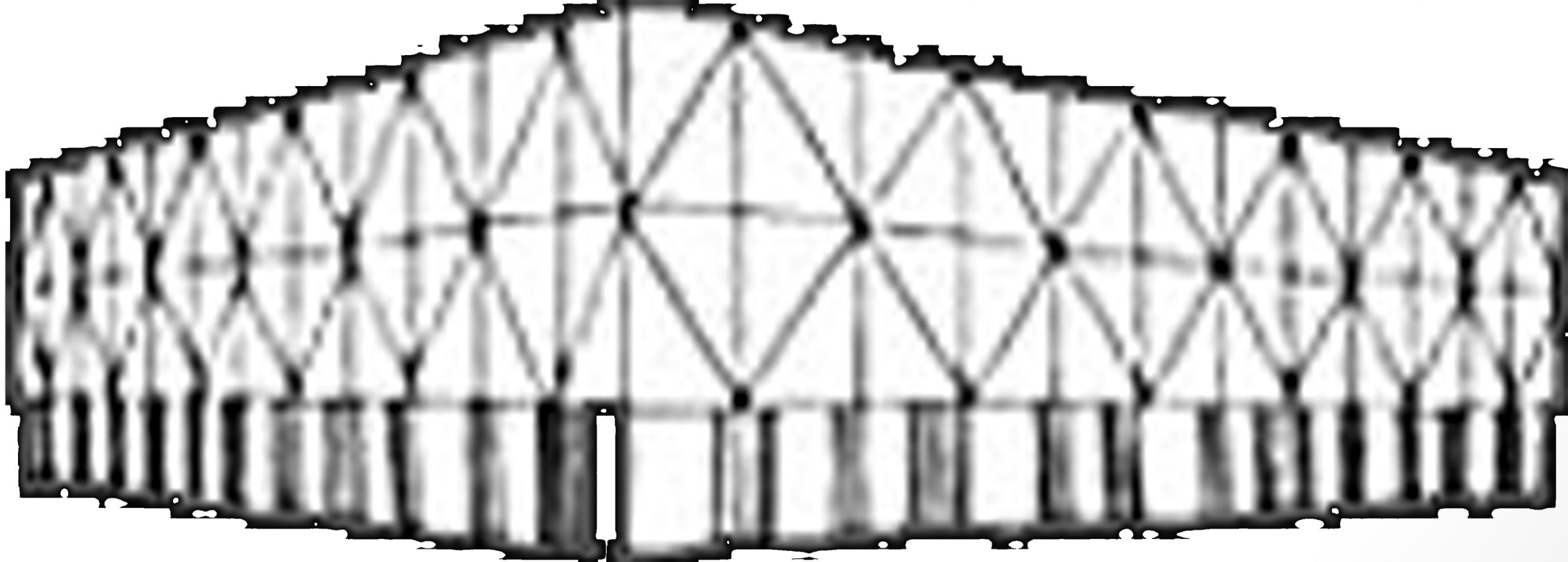
- 1) It results in ultralow energy buildings that require little energy for space heating or cooling.
- 2) The substructure created a thermal bridge that work exactly like a tunnel sucking int the cold outside air.
- 3) By wrapping the building with the diamonduct square panels , the structure is now within the building and the whole building is covered by a thick layer of insulation.
- 4) Thanks to optimal insulation,draft proofing and the use of very little,highly energy efficient equipment, the 'veilige veste' consumes exceptionally little power.



SIMPLE STRUCTURE



FRMAE STRUCTURE



WINDOW FRAME STRUCTURE

INTERIOR VIEWS



MATERIAL FOR INTERIOR AND EXTERIOR

- 1) INSULATED MATREIAL
- 2) WOODEN PANEL
- 3) USING PVC FRONT FACADE
- 4) GYPSUM BOARD USING IN FALSE CEILLING
- 5) WHITE WASH USING INTERIOR PART



FINAL VIEW

REHABILITATION CENTRE FOR ACID ATTACK

SURVIVORS

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COMPARATIVE ANALYSIS.....

S.NPO	ODALU MYSORE	CHHANV HOME	BIOSAR HOME	VEILIGE VESTE
LOCATION	Odalum rehabilitation centre is also located in a newly developing residential area away from the city in a green and serene environment.	Chhanv rehabilitation centre is located in a residential area away from the main city, so that the survivors can be safe and at the same time they can integrate with the society as well.	Boisar complex is situated as km away from the city to rehabilitation survivors in a lush green and peaceful surroundings. There are no settlements around the complex.	Veilige veste is located in the city the main junction of the roads.
DESIGN CRITERIA	The centre is designed according to the psychology of the survivors. the focus is laid on giving a free environment to people without any restrictions	This centre is also designed according to the psychology of the survivors. to make them comfortable in the shelter and help them overcome the fears of the site.	Being in lap of nature would ensure that the victims would recover fast. Lots of penetration of nature into the building.	bold, brave and safe is the concept for designing the building to make survivors a feeling of safety
PLANNING	.Combination of open and semi-open spaces to respect the freedom of the survivors. . The building plan is open to the outside surrounding from every. . Big open windows without bars. .Main gates without doors-side.	Permissible throughout the whole building to ensure the admission of more light and air and also to maintain connection of the survivors with outside world. .French windows are used. .The main door is made up of glass to give a feeling of freedom to the survivors	Courtyard planning of the main residential building, recovery care centre which serves as the interactive space. Spaces like recovery care centre are combined with fun spaces and library. Medium sized opening in dormitory with grills. Large openings in the training centre.	The building has a courtyard planning. The rooms are placed around the central patio. it is a garden where they can come outside but still be safe from any harm full length glass slits at the ground floor. Large sliding window in every room on upper floors.
VISUAL ANALYSIS	Use of bright colours.	Bright colours are used in the building to make the place more lively.	Pale and dull colours are used in the building .	
COMPOUND WALL	No boundary wall.	5ft. high compound wall with arches .	Boundary wall with grills on upper part.	Bright colours like red and yellow are used.
RECREATIONAL FACILITIES	Gymnasium and t.v. room	Gymnasium, t.v. room, handicraft room etc. for recreation.	Handicraft room, multipurpose room for singing, and dancing performances , t.v. room.	
LANDSCAPE	Out of 3 acres almost an acre of land is used for landscaping.	Lack of proper landscaping except few trees here and there.	Out of 65 acres 60 acres of land is used for landscaping, gardens and agriculture.	No landscaping.
PASSIVE ENERGY TECHNIQUES	Building from and big openings with proper chhajjas facilitate adequate ventilation and temperature drop of around 5 degrees with the help of fan.	Building from and the location of openings with proper chhajjas facilitate adequate ventilation and temperature drop of around 5 with help of fan.	Blocks placements is such that it facilitates breeze penetration inside the block and the sloping roof of the training centre helps in passive cooling of the structure.	The external facade is covered with diamond shaped squares made up of composite materials to reduce the heat gain of the building and to minimise the energy consumption for cooling.

REHABILITATION CENTRE FOR ACID ATTACK

SURVIVORS

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CONCEPT.....

"MASCULISM FAMINIST"

Victims suddenly goes into deep depression thinking that if survived, how I will face with my friends with this condition, this is specially with females, how I will continue the office work with same start, feeling of pretty own herself that confidence is left and realising that there is no meaning of my existence. It is observed that all the efforts become a failure until and unless efforts are not taken.

•The victims should personally start making efforts with people around them.

•In this period of depression same society enhance the problem of victims instead of encouraging them.

•Worst condition came is to start thinking about committing suicide.

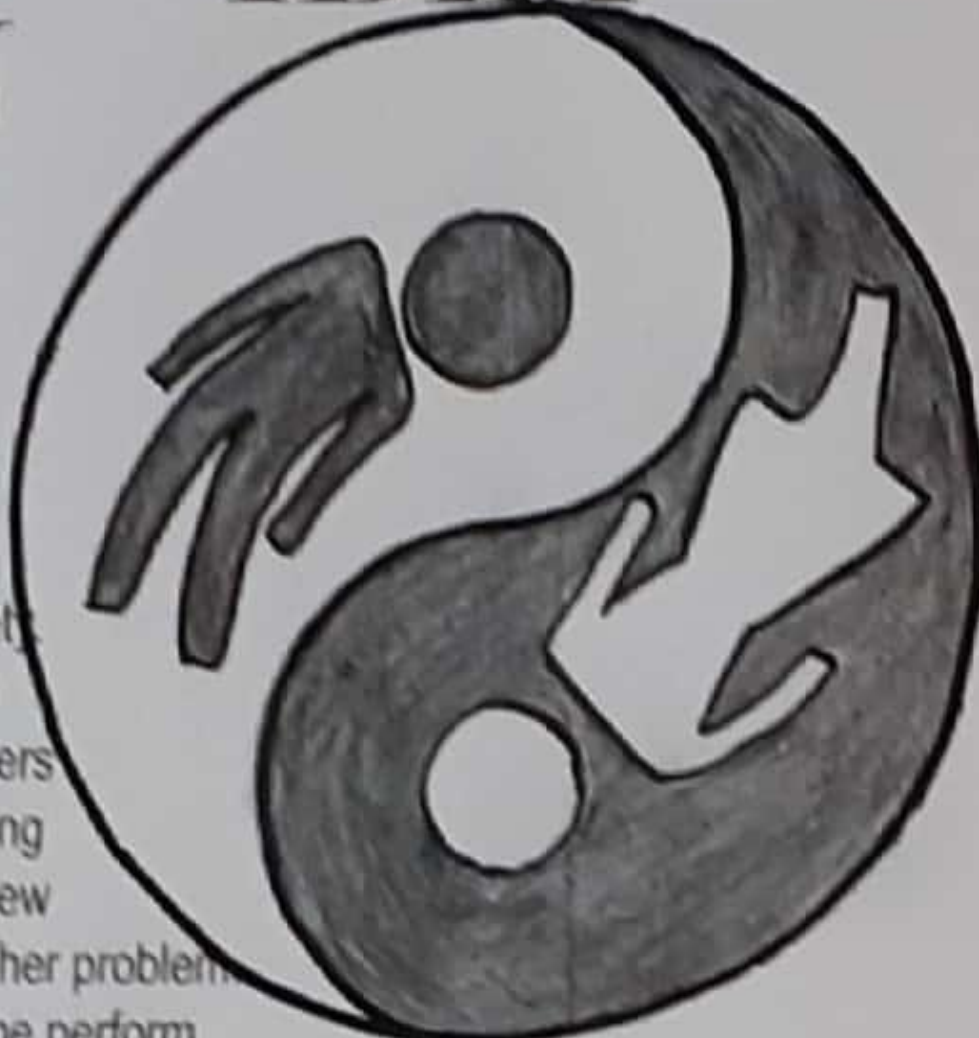
My institution meant for rehabilitation of such victims means, to carry them back into the main stream of life. This can only be done by removal of impact of act from their minds and encouraging them in such a manner that even then I am still capable of doing something for the welfare of the society. Considering the above aspects staff shall be trained accordingly throughout the day, monthly, yearly and trained in such a manner that they will help others selflessly with the feeling that I have to do for welfare of society. After working in this routine, the victims will get sound sleep at night and will get up with new energy to create target of the day and no time will be left for thinking about her problem. This will automatically create a feeling of boldness in the victims and he/she perform in their work more efficiently, we can call such victims as such stage of

"MUSCULINISM FAMINIST"

INSPIRATION

Yin and yang (or yin-yang) is a complex relational concept in Chinese culture that has developed over thousands of years. Briefly put, the meaning of yin and yang is that the universe is governed by a cosmic duality, sets of two opposing and complementing principles or cosmic energies that can be observed in nature.

IDEA



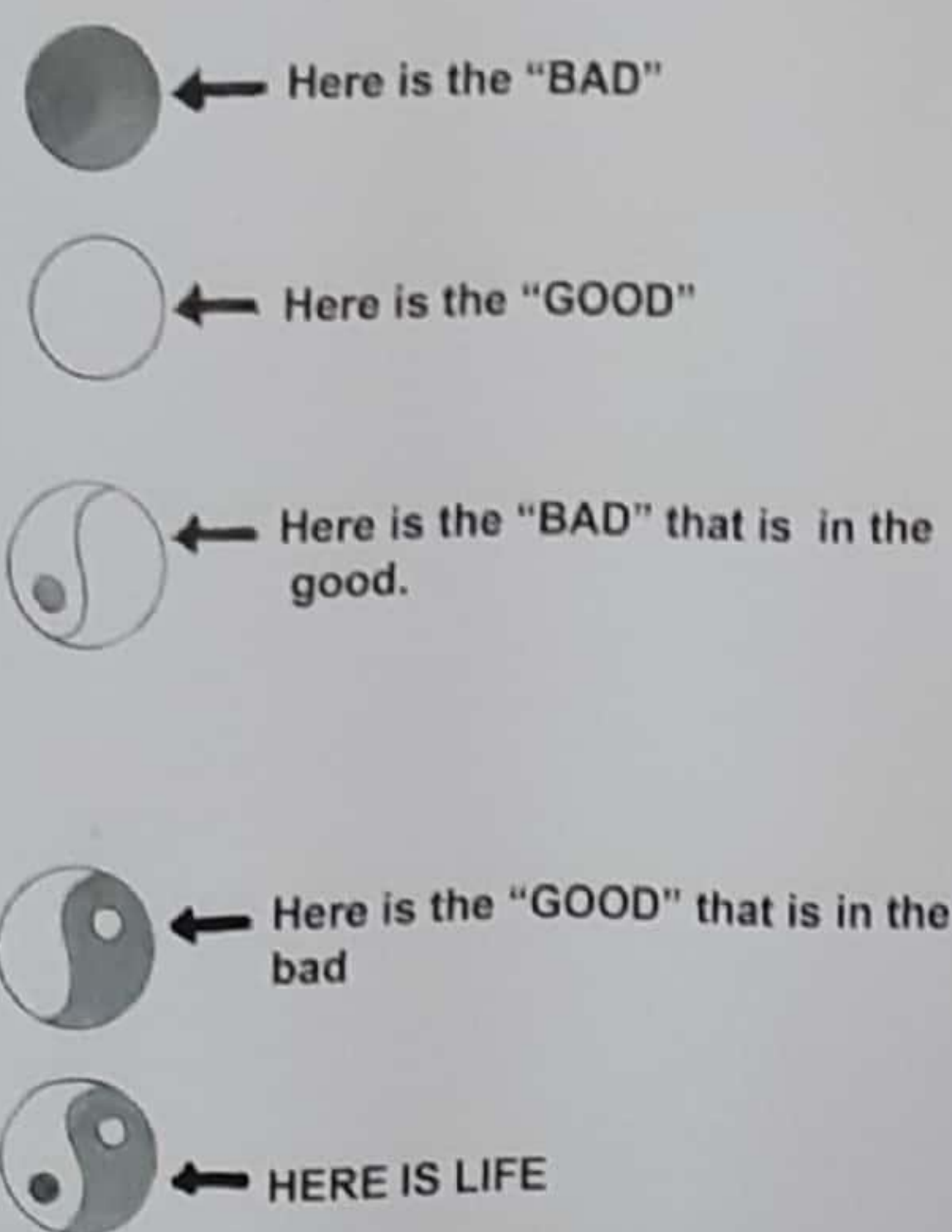
YIN - YANG

MEANING YIN MEANS COLD, DARK
FEMALES
YANG MEANS MALE, WARM,
LIGHT



MALE
(YANG)

FEMALE
(YIN)



YIN-YANG PARTS



PARTS DESCRIBE

VIGOROUS- full of energy

LIVELY-full of life and energy.

COOL DOWN-We had to wait until the engine had cooled down before restarting the car

CALMING-not showing or feeling nervousness, anger, or other strong emotions.

EARTH-REST-STOP

WARM UP-prepare for physical exertion or a performance by exercising or practising gently beforehand.

HEAT-UP- to become more active, intense, or angry

ENERGETIC-howing or involving great activity or vitality.



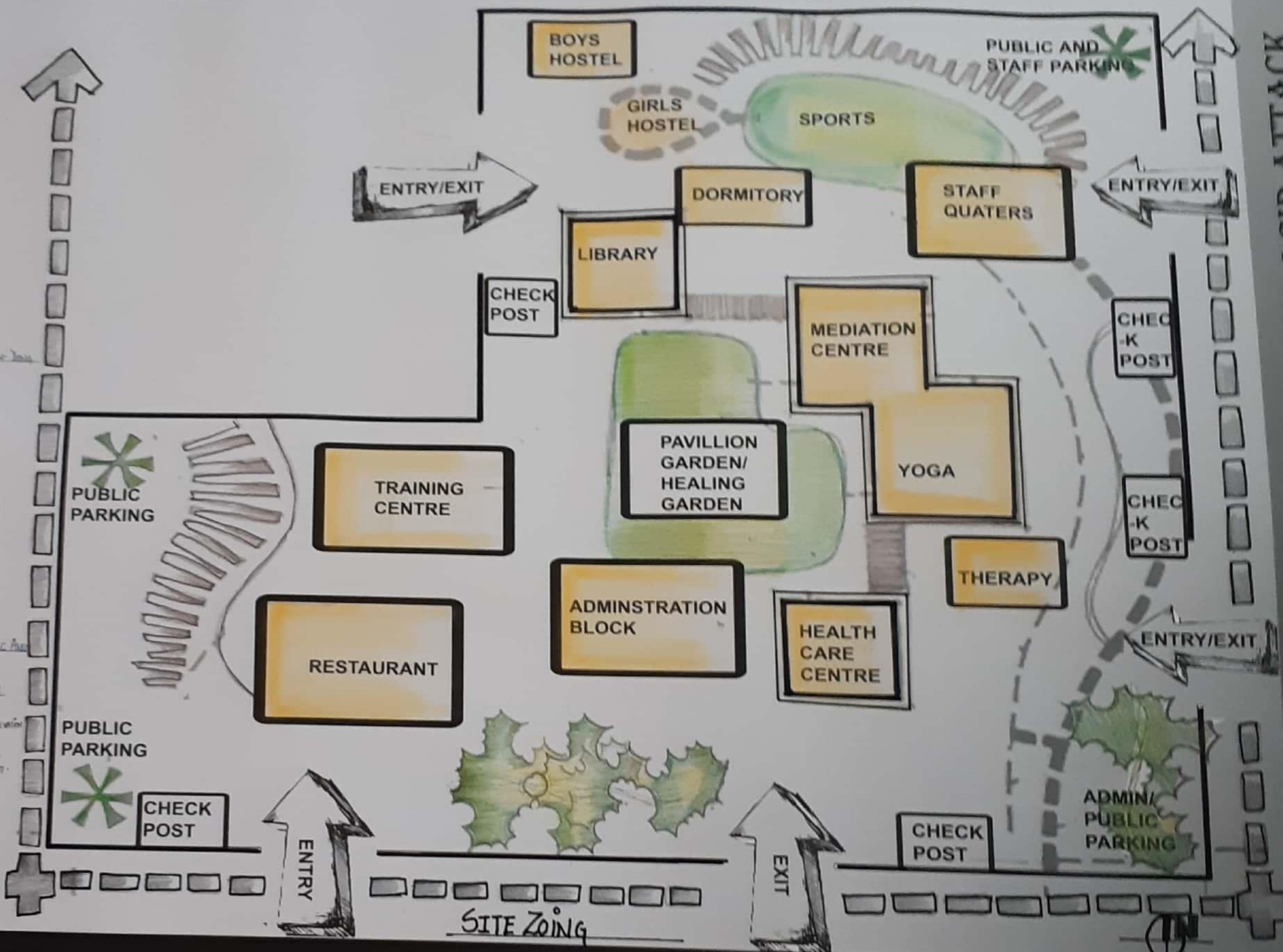
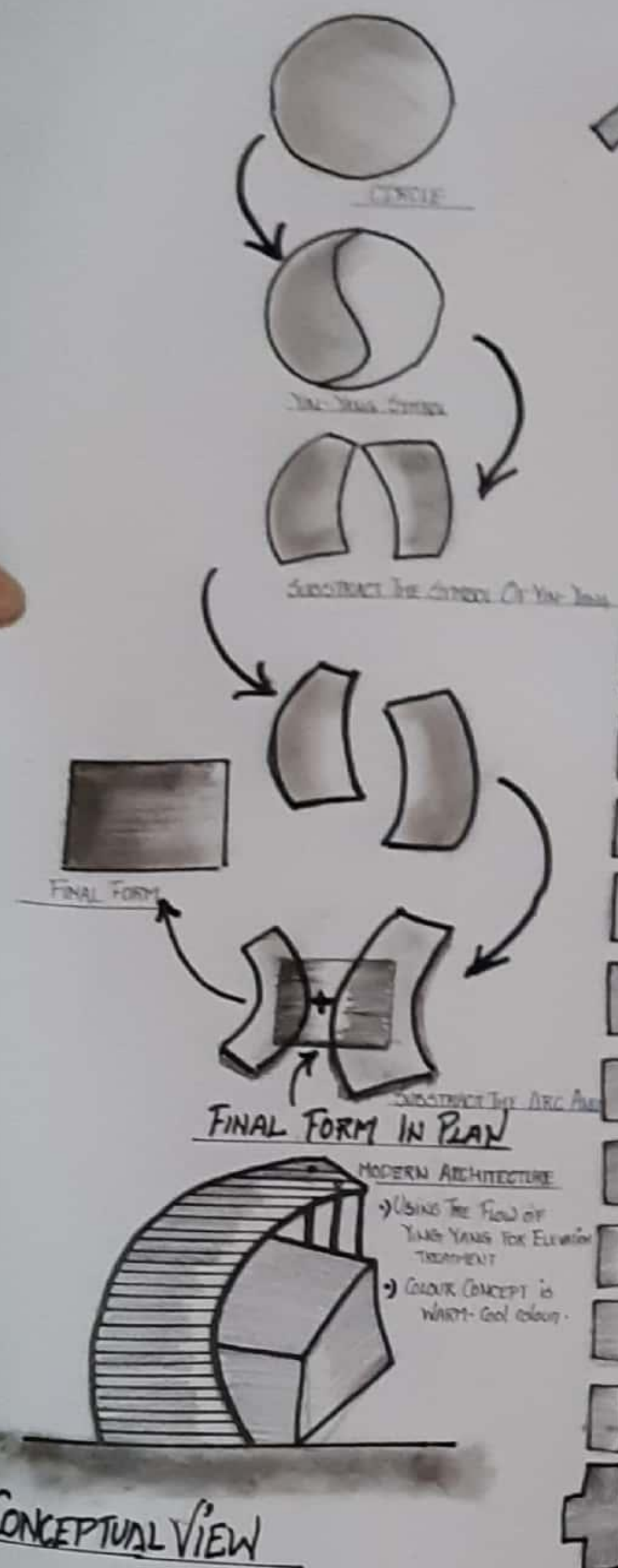
THESIS BY- ANKITA SINGH B.ARCH FINAL YEAR ROLL NO-1150101015

GUIDED BY- PROF. MOHIT KUMAR AGARWAL AND AR.RAMAKANT

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

FROM EVOLUTION.....



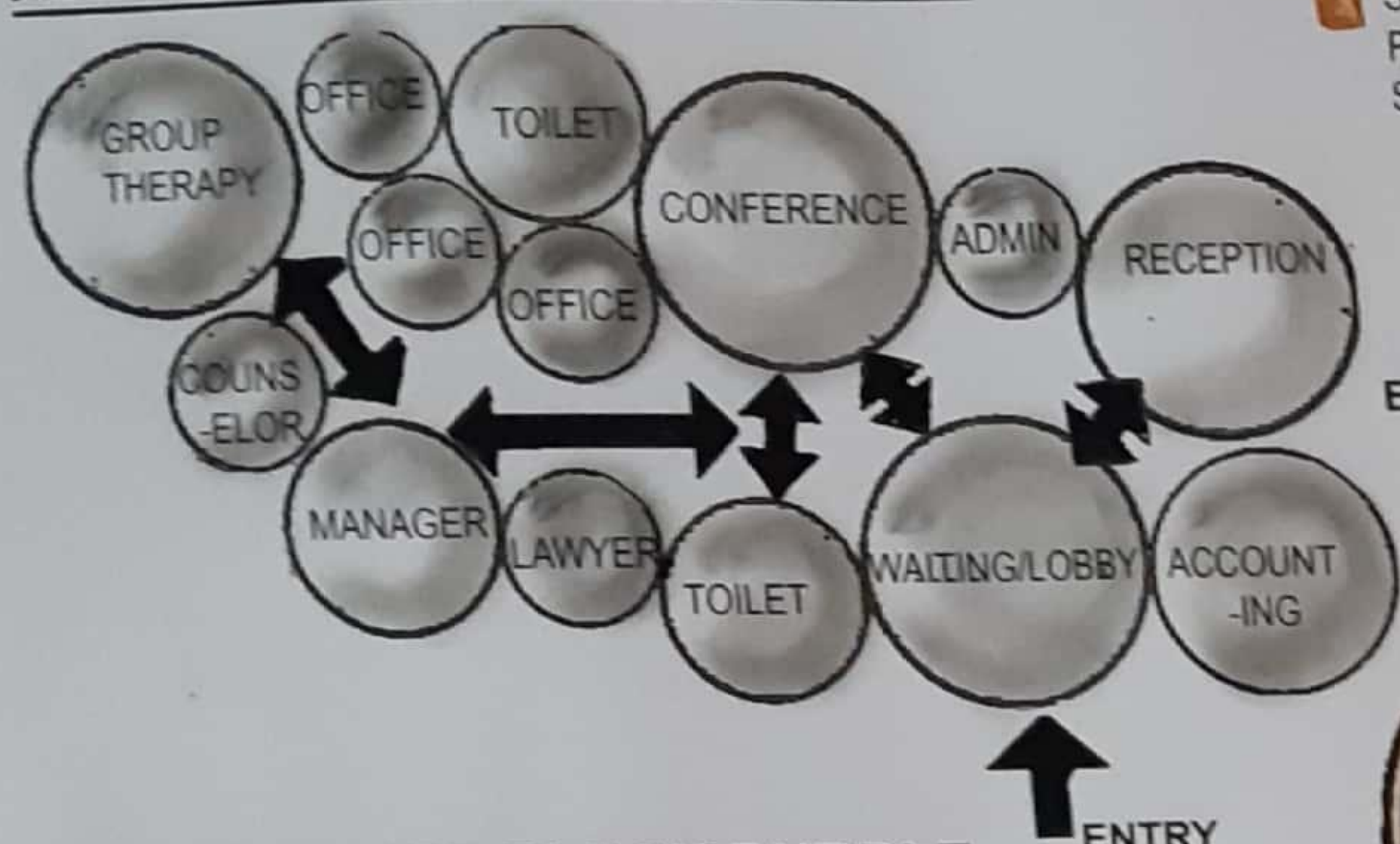
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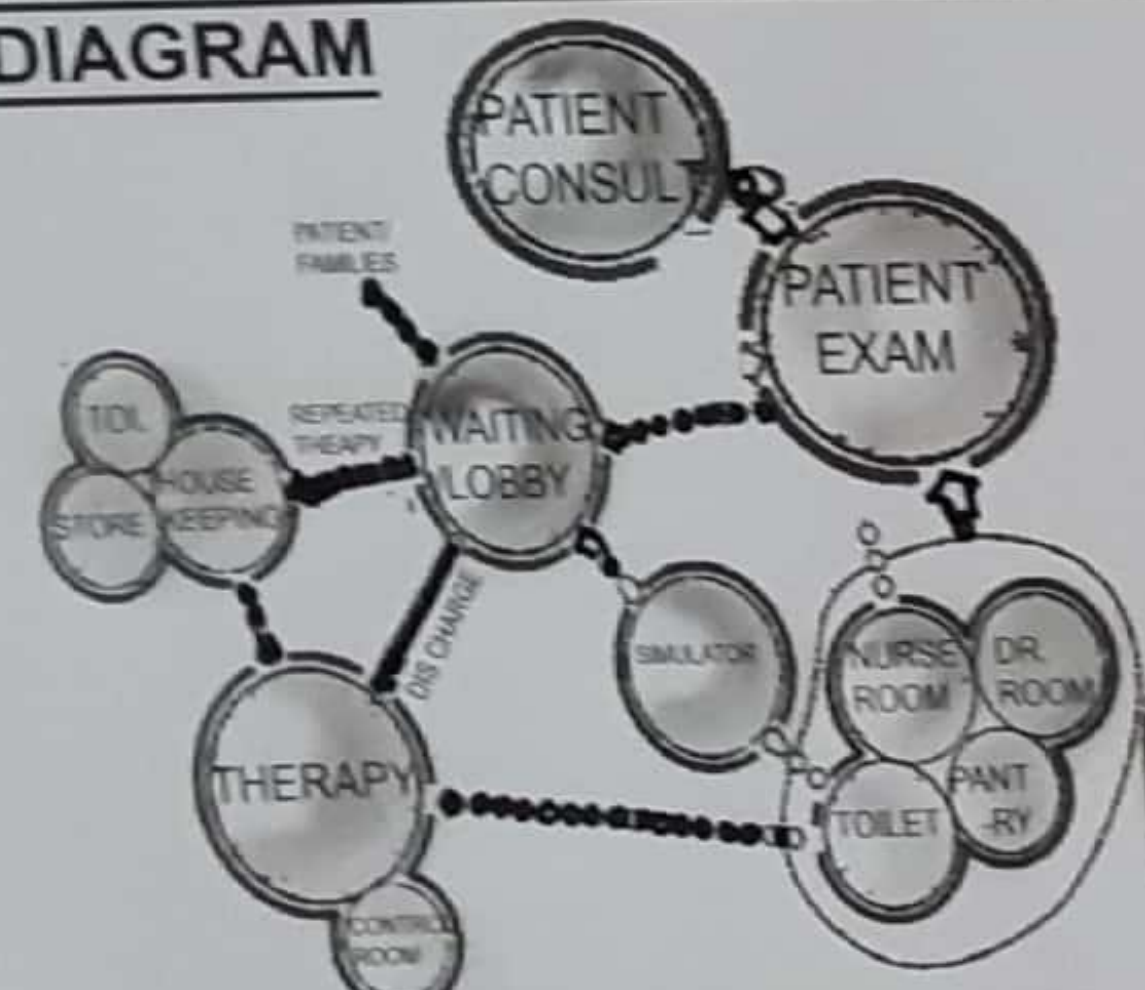
REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

ZOING.....

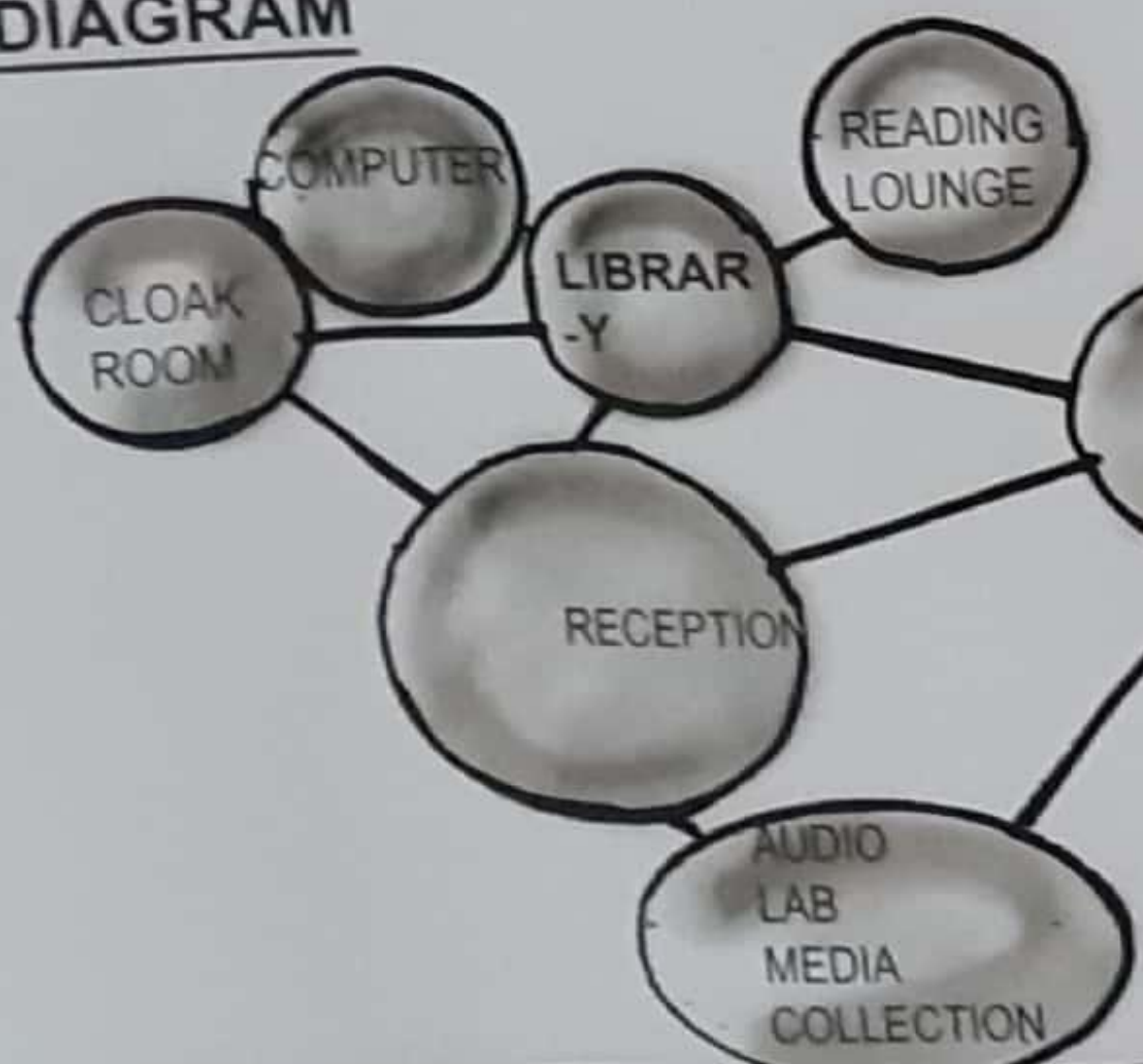
ADIMN BLOCK BUBBLE DIAGRAM



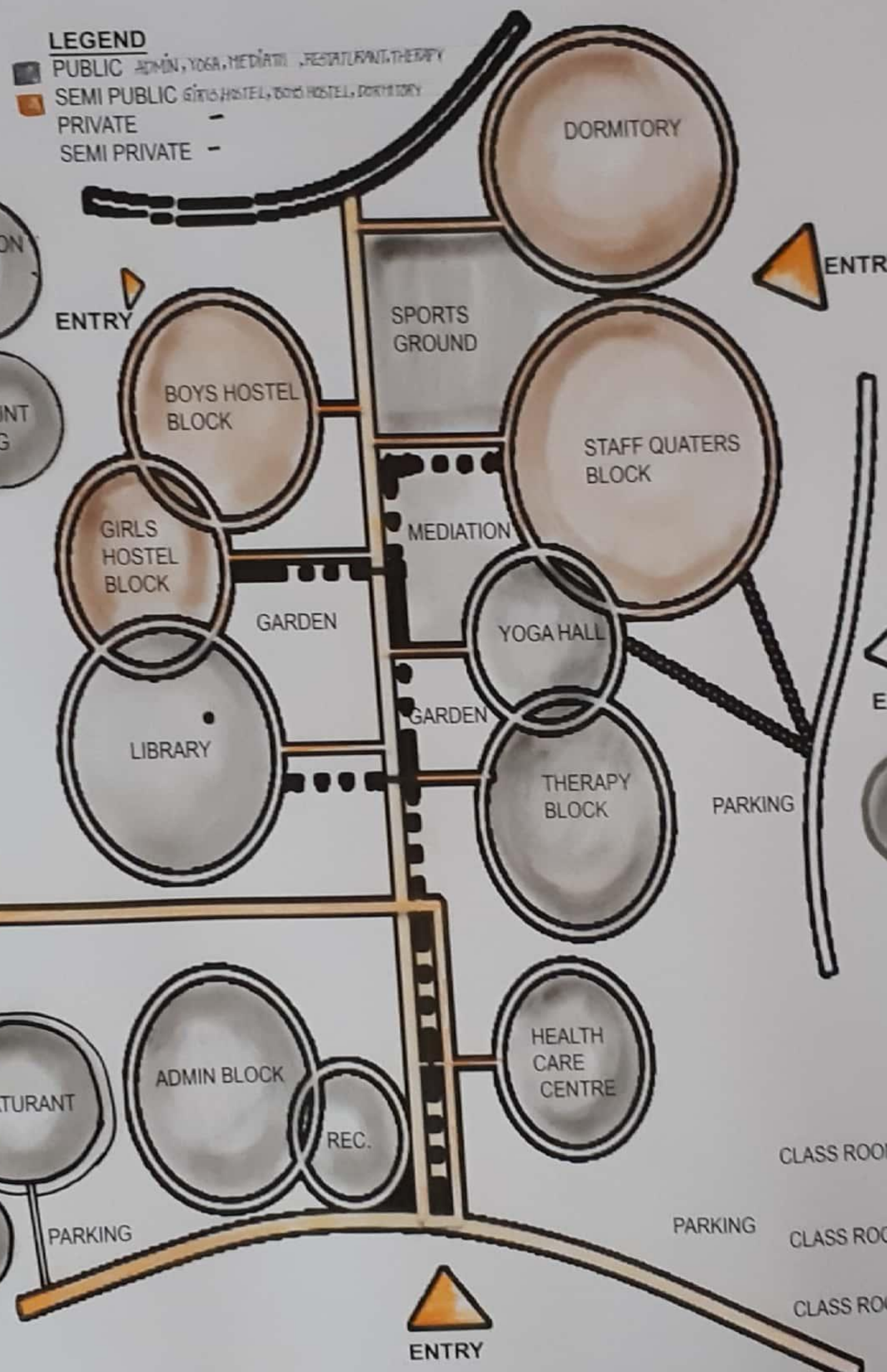
HEALTH CARE BLOCK BUBBLE DIAGRAM



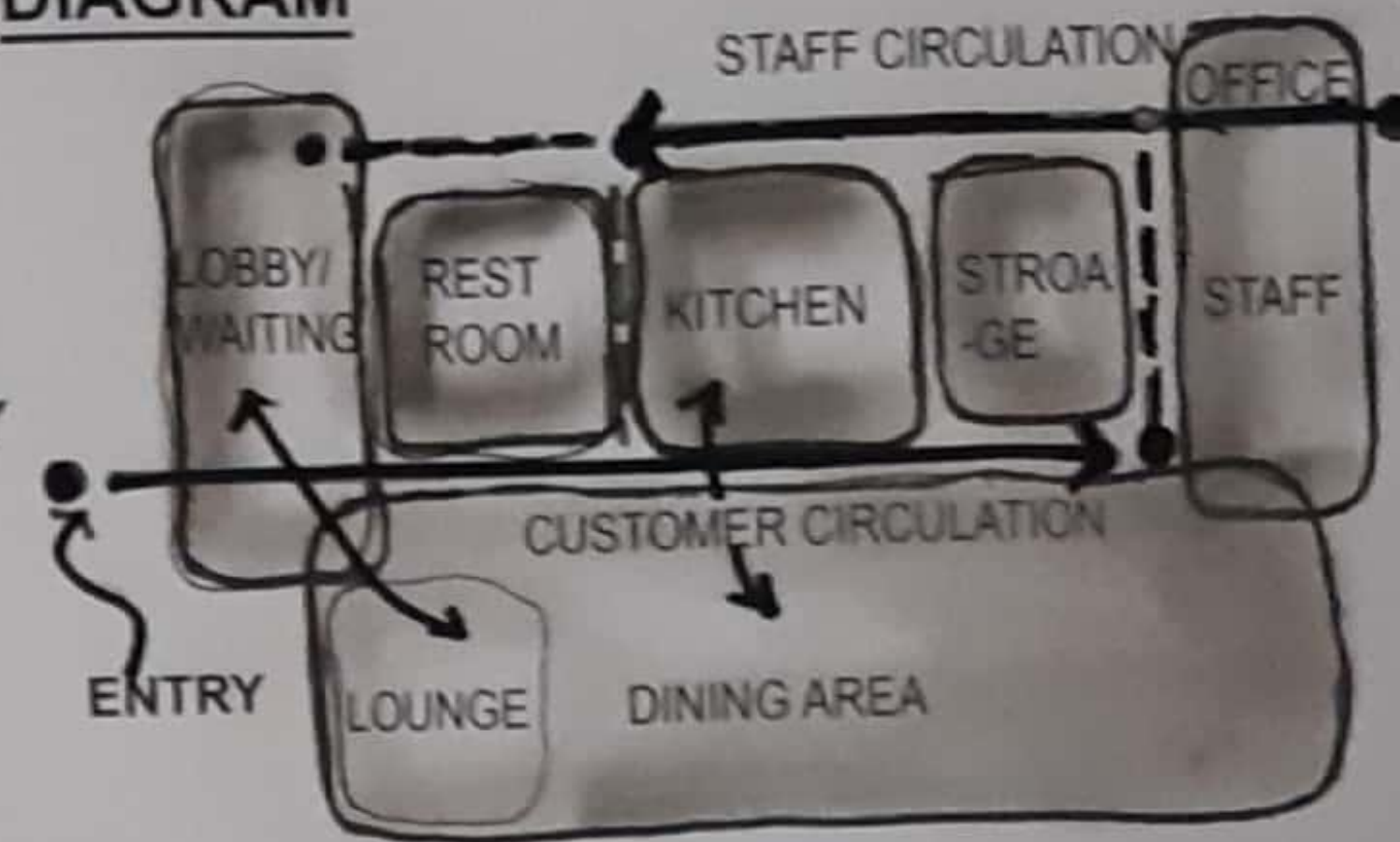
LIBRARY BLOCK BUBBLE DIAGRAM



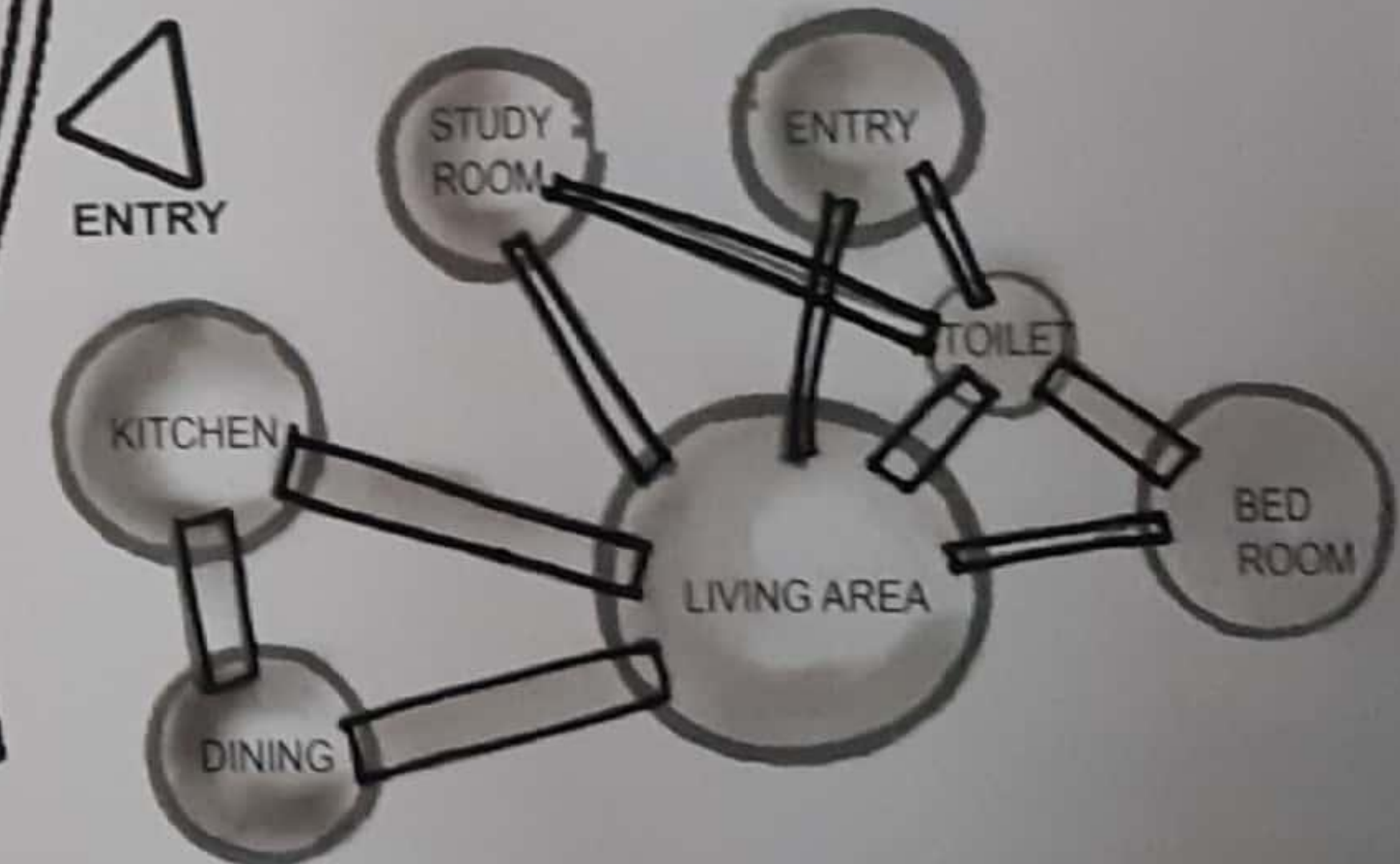
LEGEND
 PUBLIC ADMIN, YOGA, MEDIATION, RESTAURANT, THERAPY
 SEMI PUBLIC GIRLS HOSTEL, BOYS HOSTEL, DORMITORY
 PRIVATE
 SEMI PRIVATE



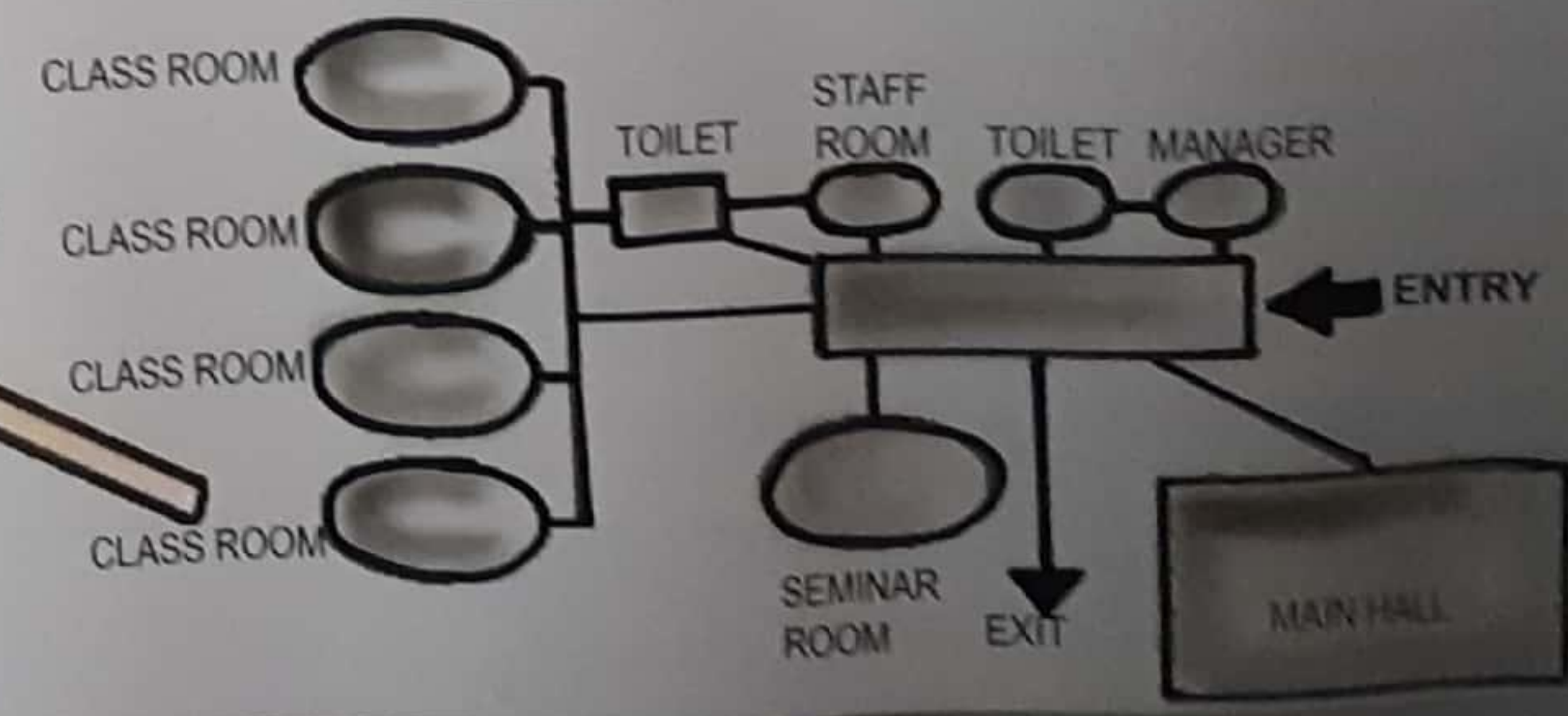
RESTAURANT BLOCK BUBBLE DIAGRAM



STAFF QUARTERS BLOCK BUBBLE DIAGRAM



WORKSHOP BLOCK BUBBLE DIAGRAM



BUILDING BLOCK BUBBLE DIAGRAM

THESIS BY- ANKITA SINGH B.ARCH FINAL YEAR ROLL NO-1150101015

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REHABILITATION CENTRE FOR ACID ATTACK

SURVIVORS

(CENTRE FOR HOPE & DREAM FOR ACID VICTIMS)

ARCHITECTURAL FEATURES.....

COURTYARD PLANNING

A courtyard or court is a circumscribed area, often surrounded by a building or complex, that is open to the sky.

- 1) Light-filled in the Room.
- 2) Lovely Outdoor Spaces.
- 4) Comfortable Rooms.



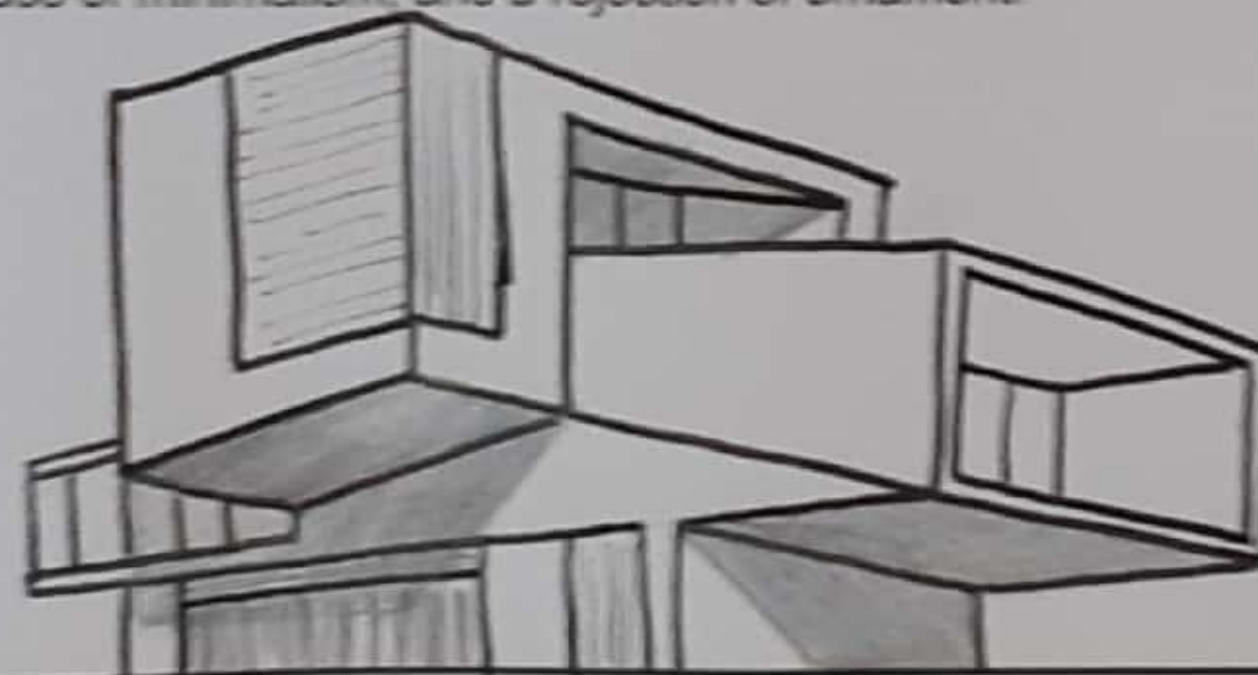
TECHNOLOGY AND MATERIALS

- 1) In construction, industry, the term frame, typically refers to a rigid structure that supports a building or other built asset such as a bridge or tunnel, or parts of them.
- 2) used concrete framed structure
- 3) Glass used for door, window, glazing, partition etc. Its shade guard high selective super natural glass is used. It allows an optimum light transmission of 62%.
- 4) STEEL used as a structural framework for large building, such as skyscrapers or as an external surface covering.

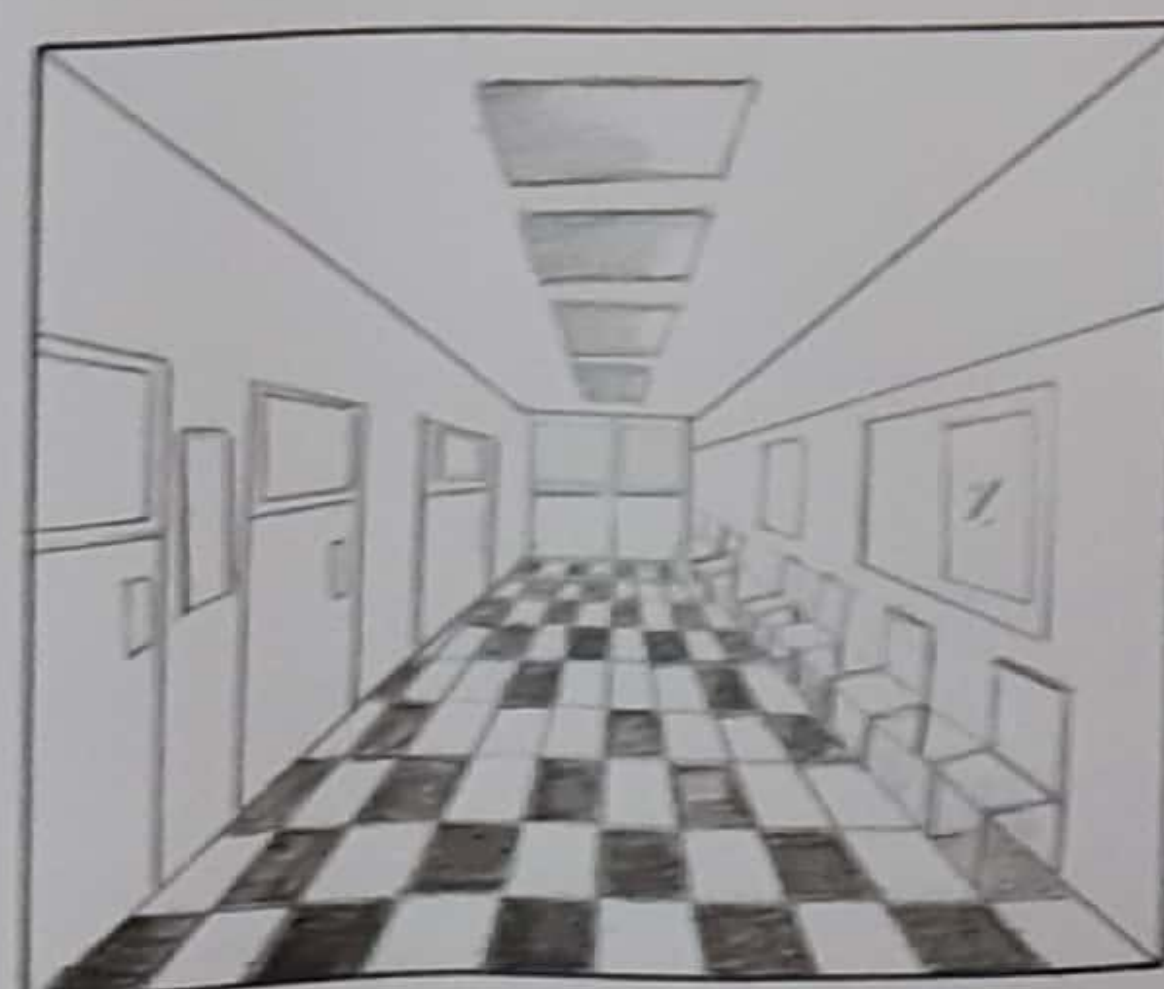


MODERN ARCHITECTURE WORK

Modern architecture, or modernist architecture, was based upon new and innovative technologies of construction, particularly the use of glass, steel and reinforced concrete; the idea that form should follow function. An embrace of minimalism, and a rejection of ornament.



INTERIOR VIEWS



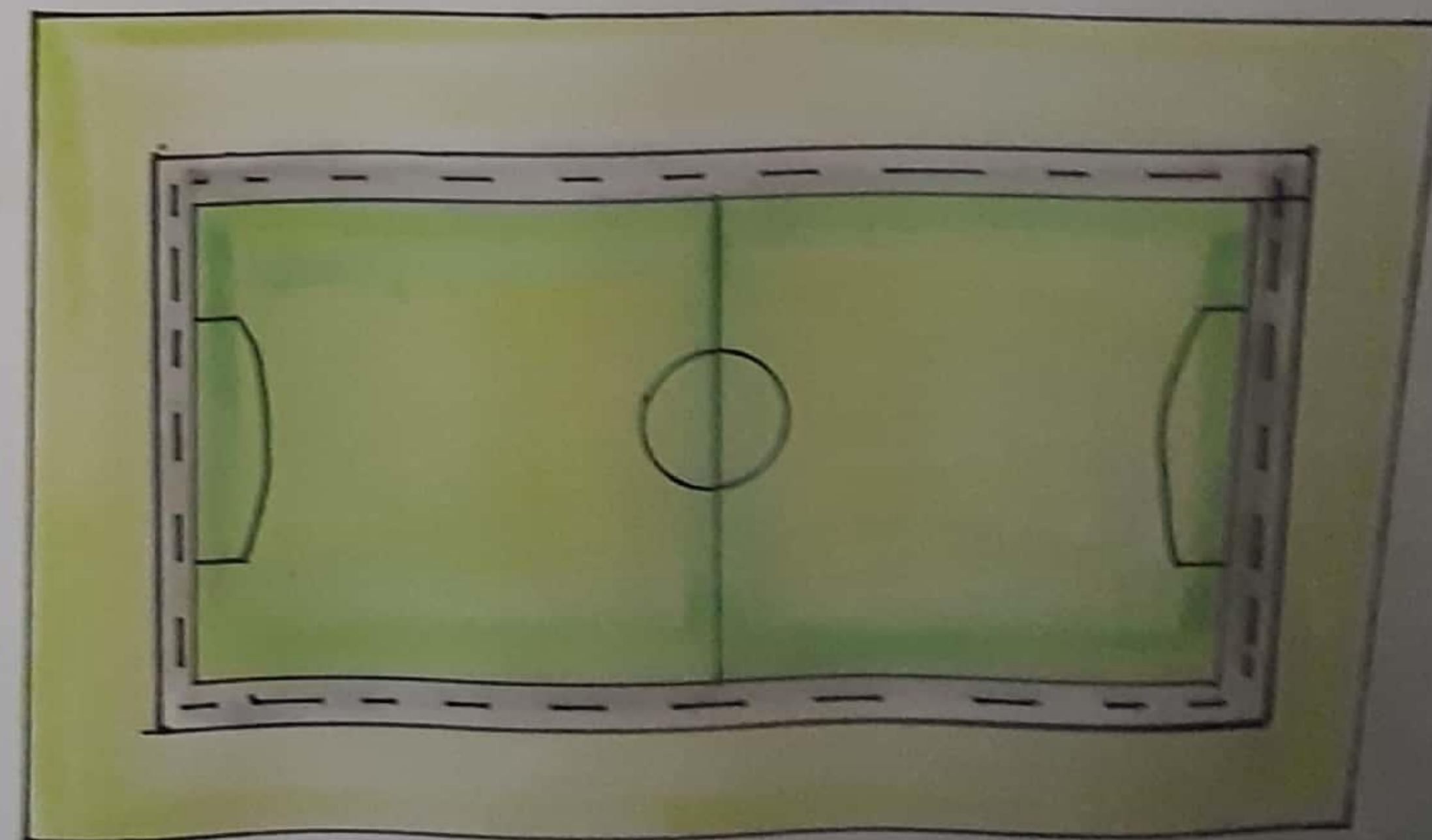
LANDSCAPE

- 1) Landscape architecture is the design of outdoor areas, landmarks, and structures to achieve environmental, social-behavioural, or aesthetic outcomes.
- 2) It involves the systematic investigation of existing social, ecological, and soil conditions and processes in the landscape, and the design of interventions that will produce the desired outcome.



PLAY-GROUND

- 1) Community playgrounds offer a multitude of benefits that go far beyond aesthetics and giving kids and elders something fun to do. They are the heart of a community and an indispensable gathering space that can benefit everyone.



SPORT-GROUND

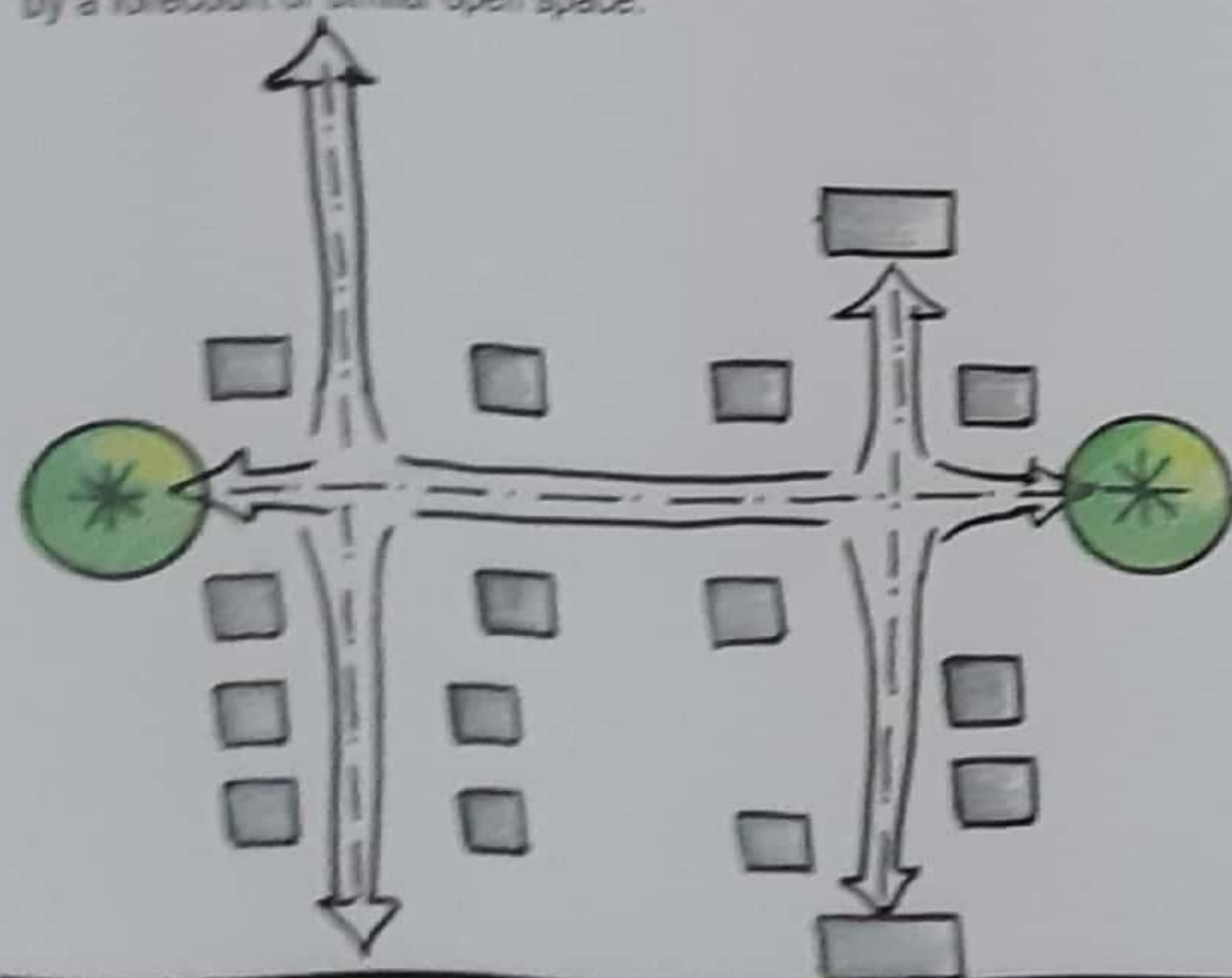
AXIS OF ARCHITECTURAL PLAN

The Axis is the most common organising principle among all architecture principles.

It is an imaginary line that is used to arrange a group of elements in the design.

The axis is a central line that initially helps to organise a design. Often the axis is at the centre of a building or over an entrance doorway.

- 01). Points in space established by vertical, linear elements or centralised building forms.
- 02). Vertical planes, such as symmetrical building facades or fronts, preceded by a forecourt or similar open space.



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AREA STATEMENT

SPACE NAME	CAPACITY	STANDARD	AREA
PERSON CAPACITY			
ADMINISTRATION(40 PERSON)			
LOBBY/WAITING AREA	20-30 PERSON	1.5 SQ/PERSON	45 SQMT
OFFICE	10 PERSON	9X4 SQMT	36 SQMT
ACCOUNT	3-5 PERSON,1NOS	3X5.5 SQMT	16.5 SQMT
SHE TOILET	10-12 PERSON,1NOS	1SQMT/PERSON (2 WC, 1W.B.)	12SQMT
HE TOILET	10-12 PERSON,1NOS	1SQMT/PERSON (1WC,2URINAL, 2W.B.)	12 SQMT
INDIVIDUAL THERAPY AREA			
COUNSELOR	1 NOS	5 X 4 SQ.MT	20SQMT
SUPERVISOR	1 NOS	3 X 5 SQ.MT	15SQMT
LAWYER	1 NOS	5X 4 SQ.MT	20SQMT
RECORD ROOM	1 NOS	6 X 3 SQ.MT	18SQMT
GROUP THERAPY AREA			
MEETING	20-25 PERSON	1.5 SQ/PERSON	25SQMT
CASE CONFERENCE	10-15 PERSON	0.5 SQ/PERSON	7.5SQMT
DIRECTOR	1 NOS	3 X 6 SQ.MT	18SQMT
MANGER	1 NOS	4 X 4 SQ.MT	16SQMT
PANTRY	1 NOS	4 X 2 SQ.MT	8SQMT
SHE TOILET(COMMON)	20-30 PERSON	1SQMT/PERSON (2 WC, 1W.B.)	30SQMT
HE TOILET(COMMON)	20-30 PERSON	1SQMT/PERSON (1 WC,2URINAL, 2W.B.)	30SQMT
TOTAL			330 SQMT
CIRCULATION TOTAL(30%)			99SQMT
TOTAL			429 SQMT
HEALTH CARE CENYTRE (70-80 PERSON)			
WAITING/RECEPTION	20-40 PERSON	1.5 SQ/PERSON	60 SQMT
DOCTOR'S CHAMBER	5NOS	6 X 3 SQMT	18 SQMT
HE TOILET	1NOS	1SQMT/PERSON (2 WC,2URINAL, 2W.B.)	8SQMT
SHE TOILET	1NOS	1SQMT/PERSON (2 WC,, 1W.B.)	8SQMT
PANTRY	1NOS	4 X 2 SQMT	8SQMT
DOCTOR'S REST ROOM	5NOS	6 X 5 SQMT	30SQMT
PHARMACY OFFICE	1NOS	3X 5 SQMT	15SQMT
HE TOI.	4NOS(70-80 PERSON)	1SQMT/PERSON (1 WC,2URINAL,2W.B.)	4SQMT
SHE TOI.	4NOS(70-80 PERSON)	1SQMT/PERSON (2 WC, 2W.B.)	4SQMT
HOUSE KEEPING	1 NOS	4 X 2 SQMT	8SQMT
STORE	1 NOS	3 X 5 SQMT	15SQMT
RECORD	1 NOS	6 X 3 SQMT	18SQMT
NURSE ROOM	8 NOS	4 X 2 SQMT	8SQMT
NURSE TOILET	1 NOS	1SQMT/PERSON (2 WC, 2W.B.)	8SQMT
FEMALE WARD	4 NOS(5 BED)	4 X 4 SQMT EACH (1BED=5SQMT)	16SQMT
MALE WARD	1 NOS(5 BED)	4 X 4 SQMT EACH (1BED=5SQMT)	
TOTAL			228
CIRCULATION TOTAL(30%)			68.9
TOTAL			296.9

LIBRARY(50 -PERSON)			
SECURITY CHECK	1 NOS	3X 5SQMT	15SQMT
CLOAK ROOM	1 NOS	5X2SQMT	10SQMT
LIBRARIAN	1 NOS	3X 5SQMT	15SQMT
AUDIO LAB	1 NOS	6 X 3SQMT	18SQMT
AUDIO LAB MEDIA COLLECTION	1 NOS(10 PERSON)	7 X 3 SQMT	21SQMT
READING ROOM	1 NOS(20 PERSON)	1.2 SQ/PERSON	24SQMT
COMPUTER LAB	1 NOS(20 PERSON)	0.7-2 SQMT/PERSON	40SQMT
HE TOI.	2 NOS(20-25 PERSON)	1SQMT/PERSON (1 WC,2URINAL, 2W.B.)	25SQMT
SHE TOI.	2 NOS(20-25 PERSON)	1SQMT/PERSON (2 WC, 2W.B.)	25SQMT
TOTAL			195
CIRCULATION TOTAL(30%)			57.9
TOTAL			252.9
TRAINING CENTRE			
LOBBY/WAITING	50-60 PERSON	1.5 SQ/PERSON	90SQMT
MANAGER OFFICE	1 NOS	3X6SQMT	18SQMT
MANAGER TOILET	1 NOS	1SQMT	1SQMT
STAFF	50 PERSON	2.5SQMT/PERSON	125SQMT
MALE STAFF TOILET	25 PERSON	1SQMT/PERSON (2 WC, 2W.B.)	25SQMT
FEMALE STAFF TOILET	25 PERSON	1SQMT/PERSON (2 WC,2URINAL, 1W.B.)	25SQMT
CLASS ROOM			
MUSIC CLASS	20 PERSON(1 NOS)	3X 10 SQMT	30SQMT
DANCE CLASS	25 PERSON(1 NOS)	10 X 6SQMT	60SQMT
HANDY CRAFT	20 PERSON(1 NOS)	7X 7SQMT	49SQMT
BEAUTICIAN	20 PERSON(1 NOS)	7X 7SQMT	49SQMT
POTTERY CLASS	20 PERSON(1 NOS)	7X 7SQMT	49SQMT
ART CLASS	20 PERSON(1 NOS)	7X 7SQMT	49SQMT
TECHNICAL SKILL CLASS	20 PERSON(1 NOS)	7X 7SQMT	49SQMT
SOFT SKILL CLASS	20 PERSON(1 NOS)	7X 7SQMT	49SQMT
BAKERY CLASS	20 PERSON(1 NOS)	7X 7SQMT	49SQMT
AUDITORIUM	20 PERSON(1 NOS)	1.2SQMT/PERSON+10 SQMT	24SQMT
CONFERENCE ROOM	20 PERSON(1 NOS)	1SQMT/PERSON	20SQMT
SEMINAR ROOM	18 PERSON	1SQMT/PERSON	20SQMT
SHE TOI	20 PERSON	1SQMT/PERSON (2 WC, 2W.B.)	20SQMT
HE TOI	50 PERSON	1SQMT/PERSON (2 WC,2URINAL, 1W.B.)	25SQMT
TOTAL			826
CIRCULATION TOTAL(30%)			247.8

TRAINING STROAGE CENTRE			
LOCKER	5 NOS	4X3SQMT	12SQMT
OBSERVATION ROOM	3 NOS	3X6SQMT	18SQMT
STORE FOR MACHINE	2 NOS	4X5SQMT	20SQMT
STORE FOR BOOK	1 NOS	3X3SQMT	9SQMT
TOTAL			
CIRCULATION TOTAL(30%)			
TOTAL			
YOGA CENTRE			
LOBBY/WAITING	50 PERSON	1.5 SQ/PERSON	45SQMT
STACKING AREA	40 PERSON	1.8SQMT/PERSON	72SQMT
HE TOILET	2 NOS(20 PERSON)	1SQMT/PERSON (1 WC,2URINAL, 2W.B.)	20SQMT
SHE TOILET	2 NOS(50 PERSON)	1SQMT/PERSON (2 WC, 2W.B.)	20SQMT
TOTAL			157
CIRCULATION TOTAL(30%)			47.1
			204.1
TOTAL			

BOYS HOSTEL(50PERSON)			
LOBBY/WAITING	8 PERSON	1.5 SQ/PERSON	12SQMT
OFFICE	2 PERSON	3X4SQMT	12SQMT
WARDEN ROOM	2 PERSON	3X5SQMT	15SQMT
COMMON ROOM	10 PERSON	4X5SQMT	20SQMT
DINING HALL	50 PERSON	1.5SQMT/PERSON	50SQMT
KITCHEN & STORE	30%	30%OF DINING	
GAME ROOM	1 NOS	3 X 5 SQMT	15SQMT
STAFF TOILET	10 PERSON	1SQMT/PERSON	10SQMT
COMMON TOILET	30 PERSON	1SQMT/PERSON	30SQMT
ROOM	30 PERSON /NOS	5X 2SQMT	10SQMT
STUDY ROOM	30 PERSON	2.5SQMT/PERSON	75SQMT
TOILET	30 PERSON	1SQMT/PERSON	30SQMT
HOUSE KEEPING	1 NOS	6X3SQMT	18SQMT
DIRECTORE	1 NOS	5X 2SQMT	10SQMT
GUEST HOUSE	5 NOS	5X 2SQMT	10SQMT
STAFF QUARTER	5 NOS	4X3SQMT	12SQMT
ELECTRICAL ROOM	1 NOS	4X3SQMT	12SQMT
GUARD ROOM	1 NOS	4X2SQMT	8SQMT
PUMP HOUSE	1 NOS	3X3SQMT	9SQMT
TOTAL			348
CIRCULATION TOTAL(30%)			104.4
TOTAL			454.4

GIRLS HOSTEL(350 PERSON)			
LOBBY/WAITING	35 PERSON	1.5 SQ/PERSON	52SQMT
OFFICE	5 PERSON	3X4SQMT	12SQMT
WARDEN ROOM	10 PERSON	3X5SQMT	15SQMT
COMMON ROOM	2 SQMT	4X5SQMT	20SQMT
DINING HALL	350 PERSON	1.5SQMT/PERSON	525SQMT
KITCHEN & STORE	-	30%OF DINING	
ROOM	330 PERSON	3 X 5 SQMT	15SQMT
GUARD ROOM	1 NOS	1SQMT/PERSON	1SQMT
STAFF TOILET	25 PERSON	1SQMT/PERSON	25SQMT
TOILET	13 UNIT(330 PERSON)	5X 2SQMT	10SQMT
STUDY ROOM	250 PERSON	2.5SQMT/PERSON	625SQMT
HOUSE KEEPING	1 NOS	4X2SQMT	8SQMT
PUMP HOUSE	1 NOS	3X3SQMT	9SQMT
TOTAL			1344
CIRCULATION TOTAL(30%)			403.2
TOTAL			1747.2

RESTURANT(100PERSON)			
<u>DINING AREA</u>			
ENTRANCE	50 PERSON	0.9 SQ/PERSON	45SQMT
RECEPTION	1 NOS	4 X 2SQMT	8SQMT
WAITING LOBBY	25 PERSON	1.2SQMT/PERSON	30SQMT
DINING SPACE/HALL	100 PERSON	1.5SQMT/PERSON	150SQMT
DOS/BILLING	1 NOS	5X2SQMT	10SQMT
<u>KITCHEN</u>		30% OF DINING	
PREPARATION		14% OF DINING	
COOKING		8% OF KITCHEN	
STROAGE		15% OF KITCHEN	
UTENSILE AND EQUIPMENT		8% OF KITCHEN	
WASHING AREA		10% OF KITCHEN	
PANTRY		10% OF KITCHEN	
STAFF PERSONAL SPACE			
<u>SERVICE AREA</u>		AS PER CAPACITY	
ELECTRICAL		AS PER CAPACITY	
HVAC			
TOTAL			
CIRCULATION TOTAL(30%)			
TOTAL			

THERAPY			
<u>PHYSICOTHERAPY AREA</u>			
ACTIVITY AREA	1 NOS	6X3SQMT	18SQMT
TREATMENT CUBICLES	1 NOS	6X3SQMT	18SQMT
WAX TREATMENT AND ICE PREPARATION	1 NOS	6X3SQMT	18SQMT
SLINT PREPARATION	1 NOS	5X2SQMT	10SQMT
<u>OCCUPTIONAL THERAPY AREA</u>			
ACTIVITY AREA	1 NOS	6X3SQMT	18SQMT
GAME,WORK WITH PERSONAL	1 NOS	6X3SQMT	18SQMT
<u>INDIVIDUAL THERAPY</u>			
WAX TREATMENT	8 PERSON	6X3SQMT	18SQMT
SPLINT	8 PERSON	5X2SQMT	10SQMT
STROAGE	8 PERSON	3X4SQMT	12SQMT
HE TOILET	10PERSON	1SQMT/PERSON (2 WC,2URINAL, 1W.B.)	
SHE TOILET	20PERSON	1SQMT/PERSON (2 WC, 2W.B.)	
TOTAL			140
CIRCULATION TOTAL(30%)			42
TOTAL			182

FLAT(30PERSON)			
TYPE-1	8 PERSON	10X5SQMT	50SQMT
TYPE-2	8 PERSON	10X7SQMT	70SQMT
TYPE-3	8 PERSON	10X9SQMT	90SQMT
TYPE-4	5 PERSON	10X11SQMT	110SQMT
TOTAL			320
CIRCULATION TOTAL(30%)			96
TOTAL			416

BY LAWS

MAX GROUND COVERAGE =15%OF AREA OF SITE

MAX FLOOR AREA RATIO=1.25

MAX HEIGHT OF THE BUILDING=15M

MAX ALLOWABLE GROUND COVERAGE

15% OF SITE AREA

$$40468.6 \times 15\%100=607.029\%100$$

MAX GROUND COVERAGE	6070.29SQMT
---------------------	-------------

PERMISSIBLE BUILT UP

$$\text{F.A.R X TOTAL SITE AREA}= 1.25 \times 40468.6$$

NO.OF FLOOR- PERMISSIBLE BUILT UP/PERMISSIBLE GROUND COVERAGE

$$50586.75/6070.29$$

8.3FLOOR

ADMINISTRATION BLOCK- 520sq.mt
HEALTH CARE BLOCK- 500sq.mt
RESTAURANT- 620sq.mt
MEDITATION BLOCK- 1050sq.mt
BOYS HOSTEL- 730sq.mt
GIRLS HOSTEL- 1150sq.mt
TYPE HOUSE 1- 370sq.mt
TYPE HOUSE 2 -350 SQMT
TYPE HOUSE3 - 380 SQMT
RESTAURUNT- 400sq.mt
ACHIEVED BUILT UP AREA-20302sq.mt.
PARKING 100Sq.mt- 2ECS
300CAR FOR OPEN PARKING

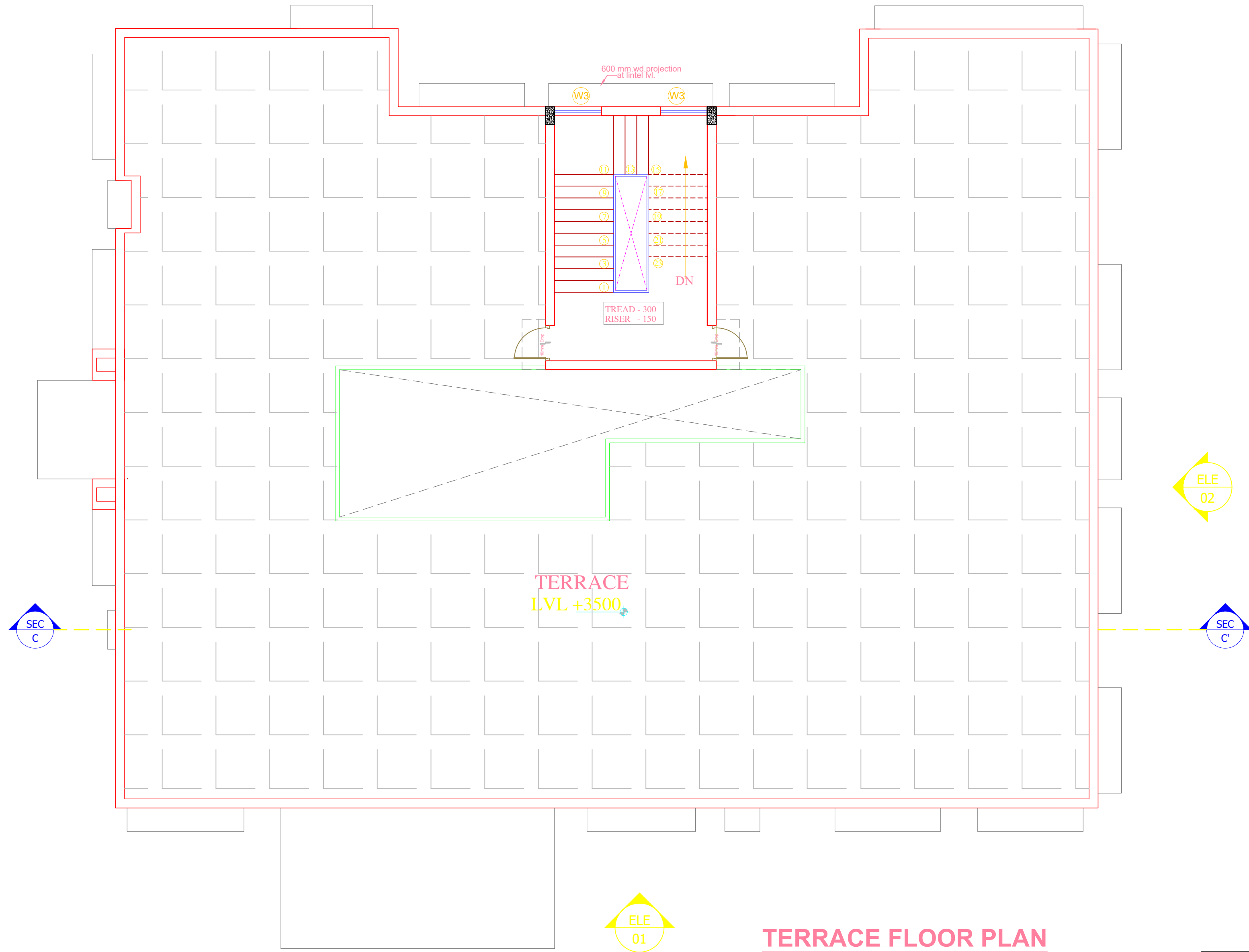


ALL DRAWING



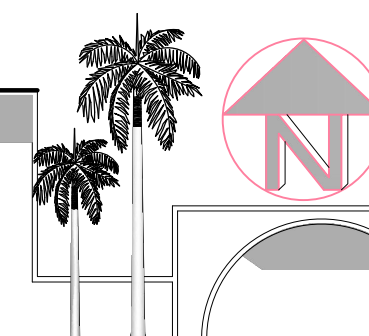
ADMIN BLOCK

DATE -16-05-2020	SIGN
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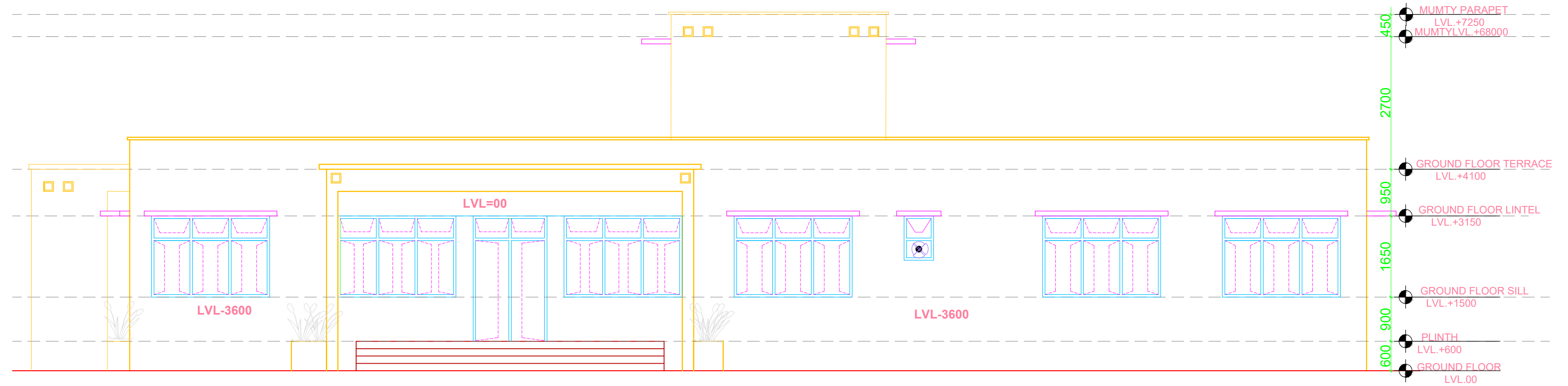


TERRACE FLOOR PLAN

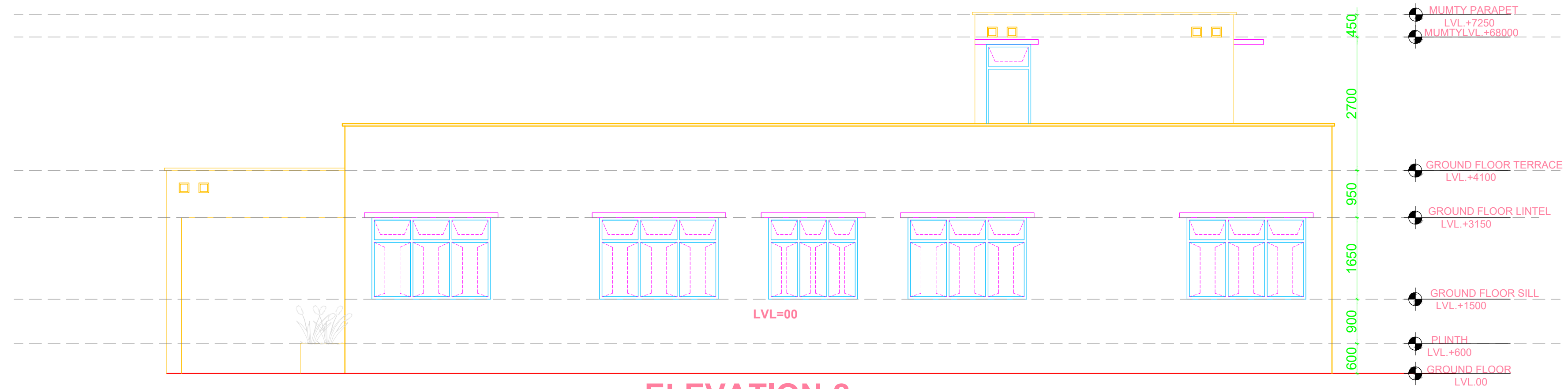
REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



ADMIN BLOCK	
SHEET NO.	NAME-ANKITA SINGH SECTION-AR5-2 B.ARCH
	ROLL NO-1150101015 BABU BANARASI DAS LKO
DATE -16-05-2020	SIGN

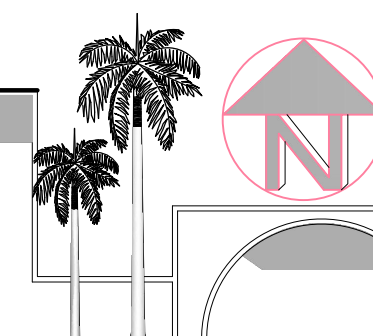


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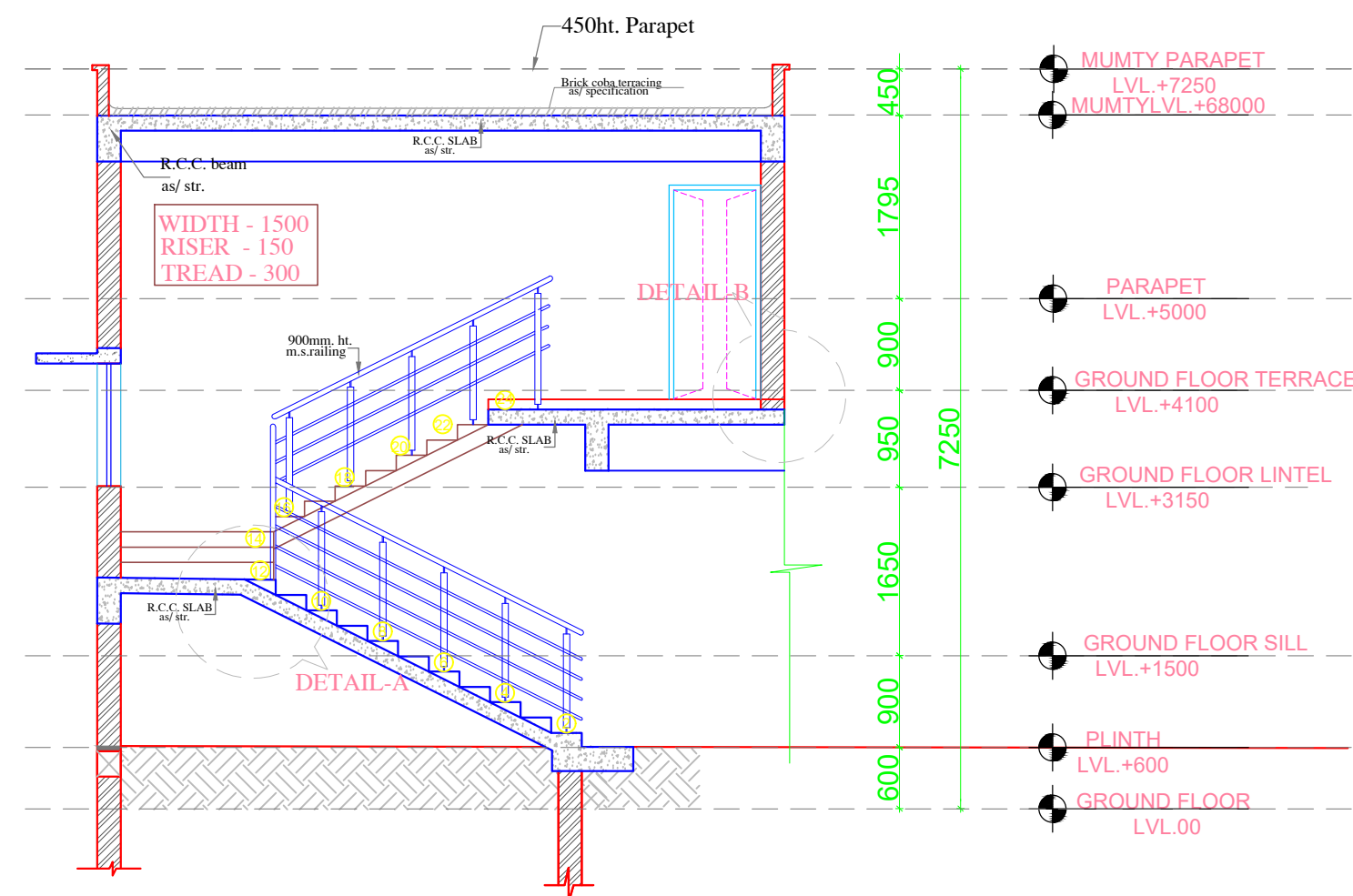


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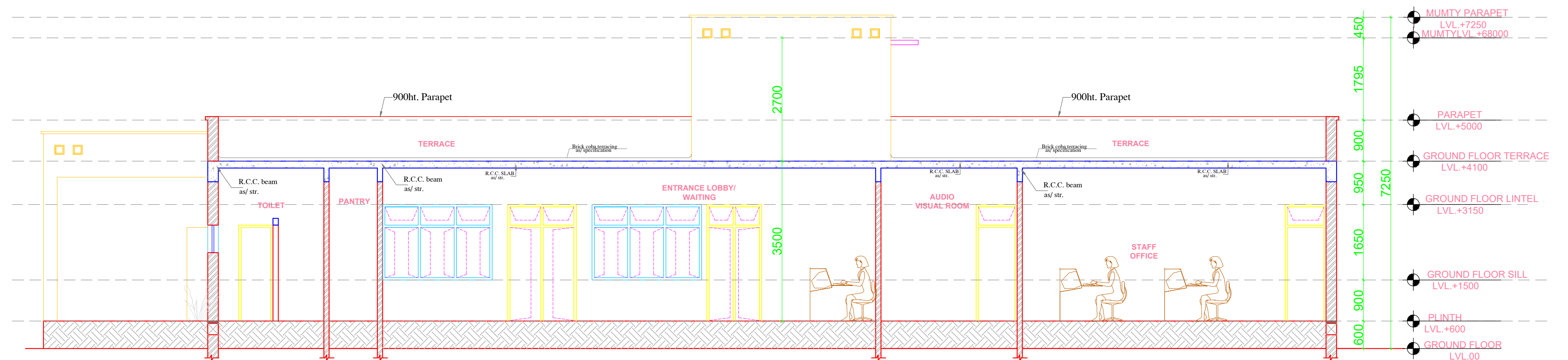
REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



ADMIN BLOCK	
NAME-ANKITA SINGH	
SECTION-AR5-2	
B.ARCH	
ROLL NO-1150101015	
BABU BANARASI DAS LKO	
DATE -16-05-2020	SIGN

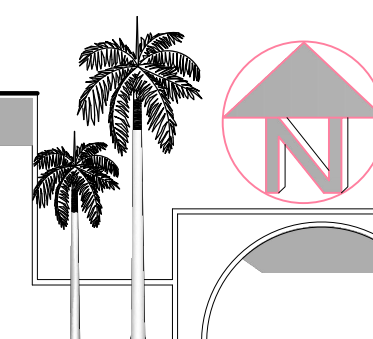


SECTION B-B'



SECTION C-C'

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



SHEET NO.

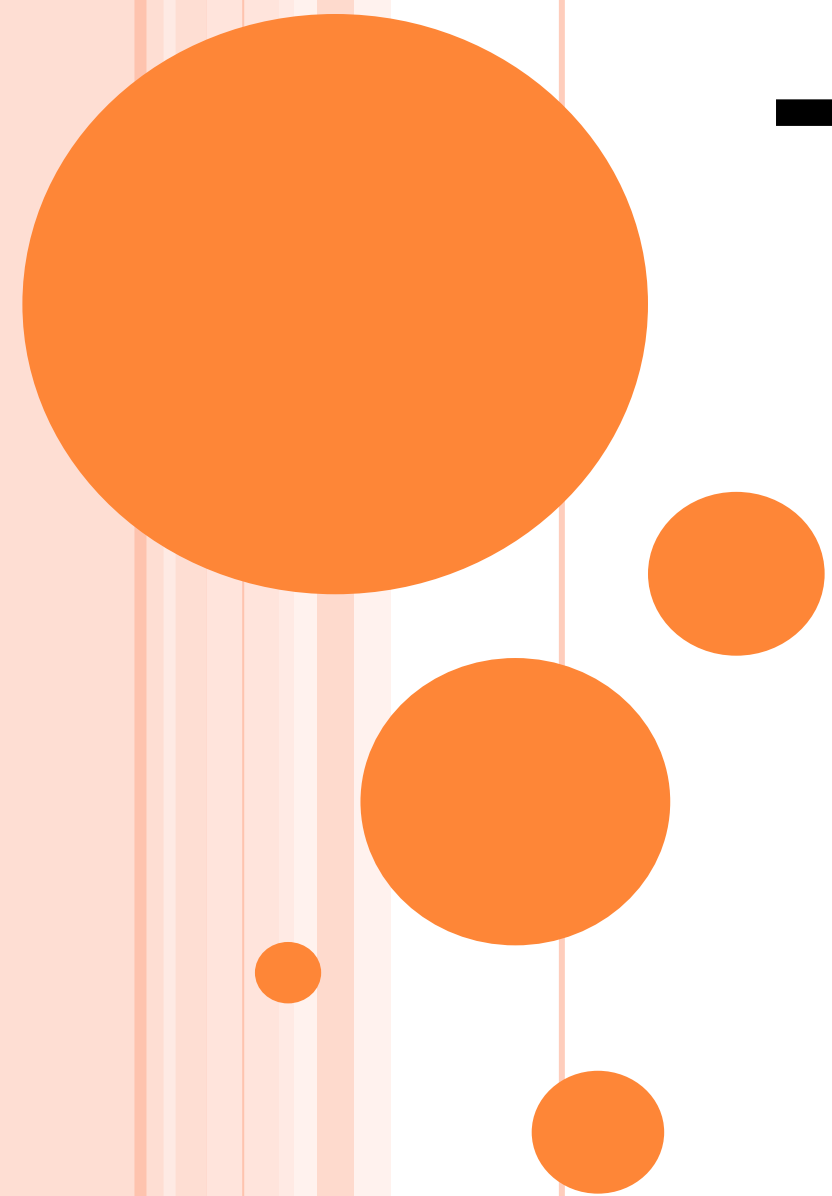
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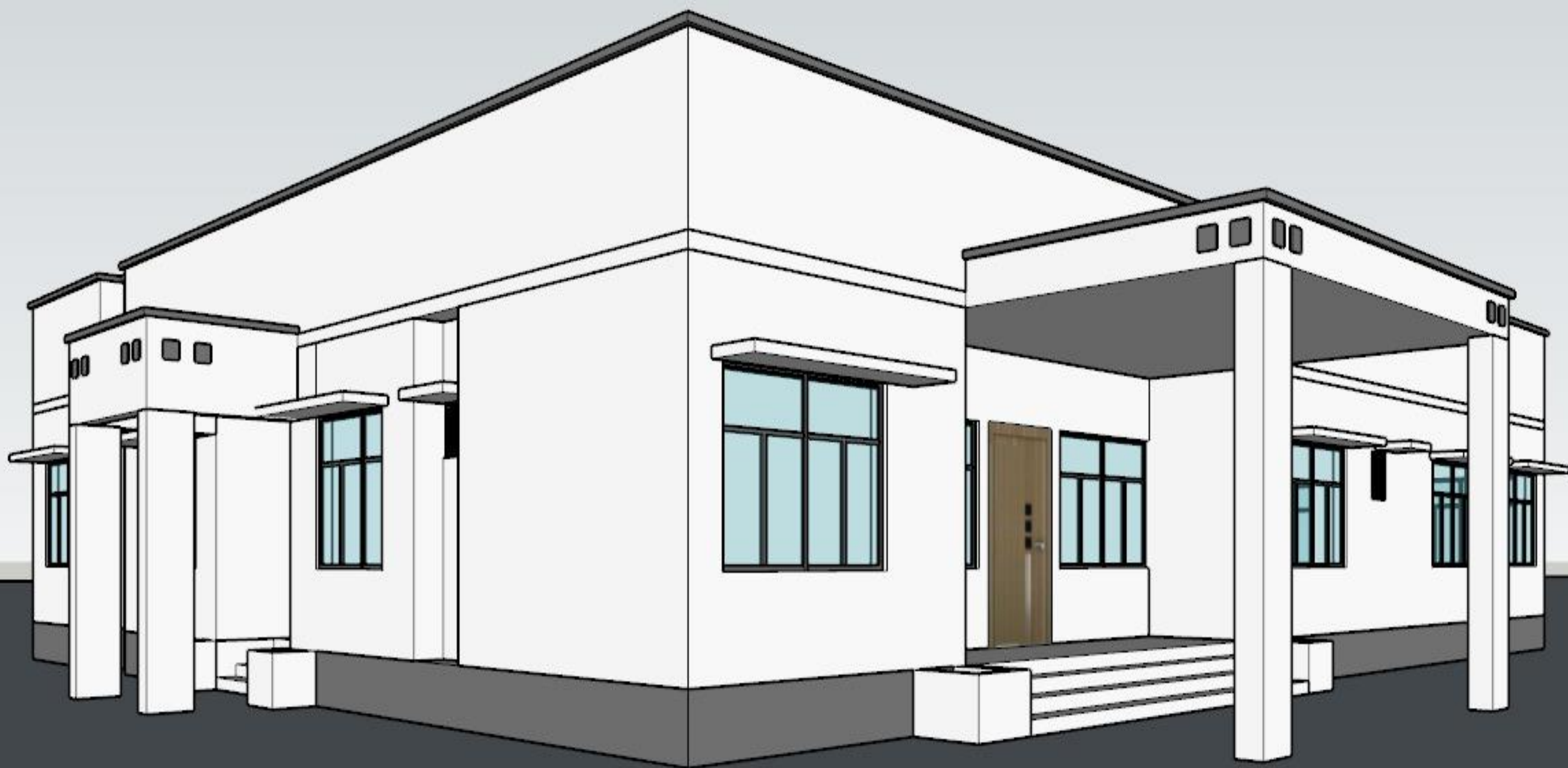
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SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

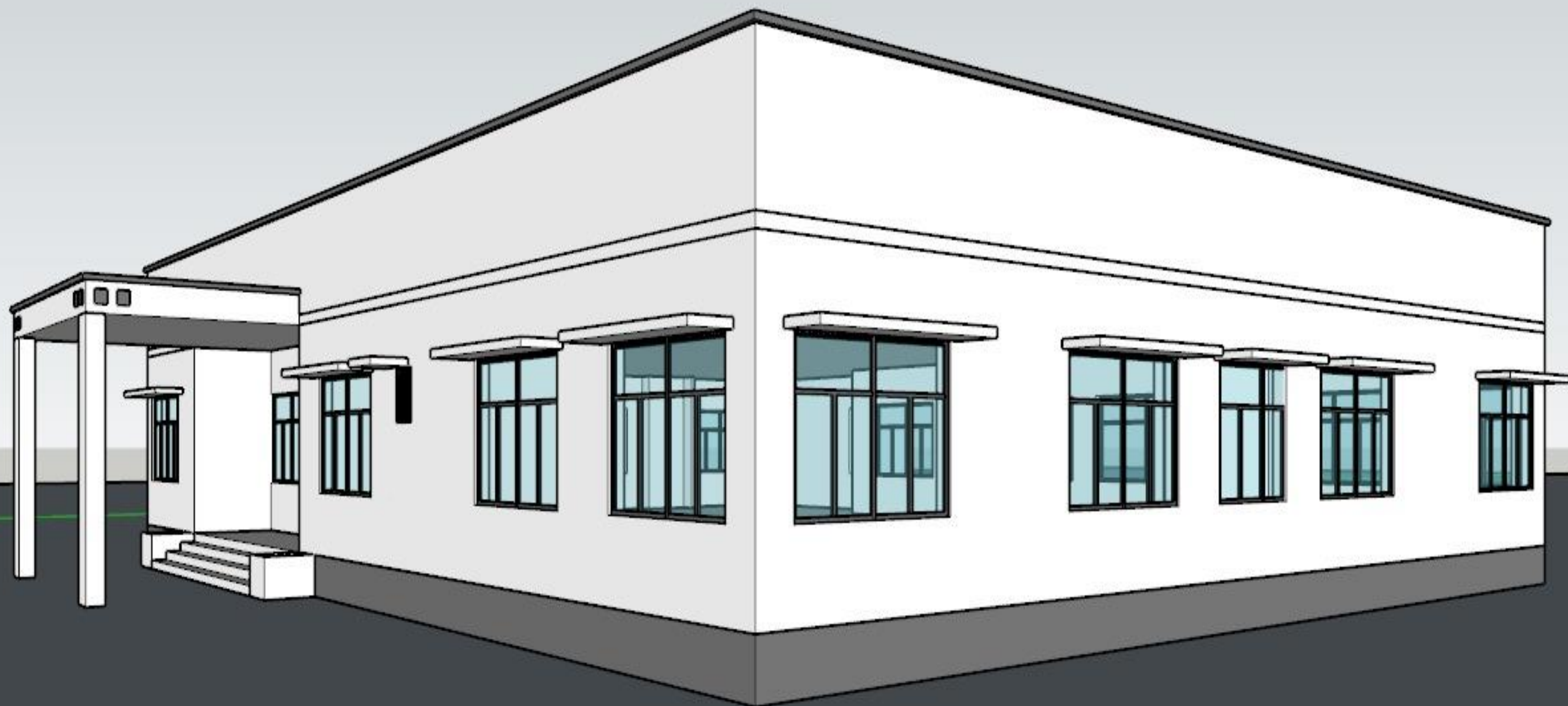
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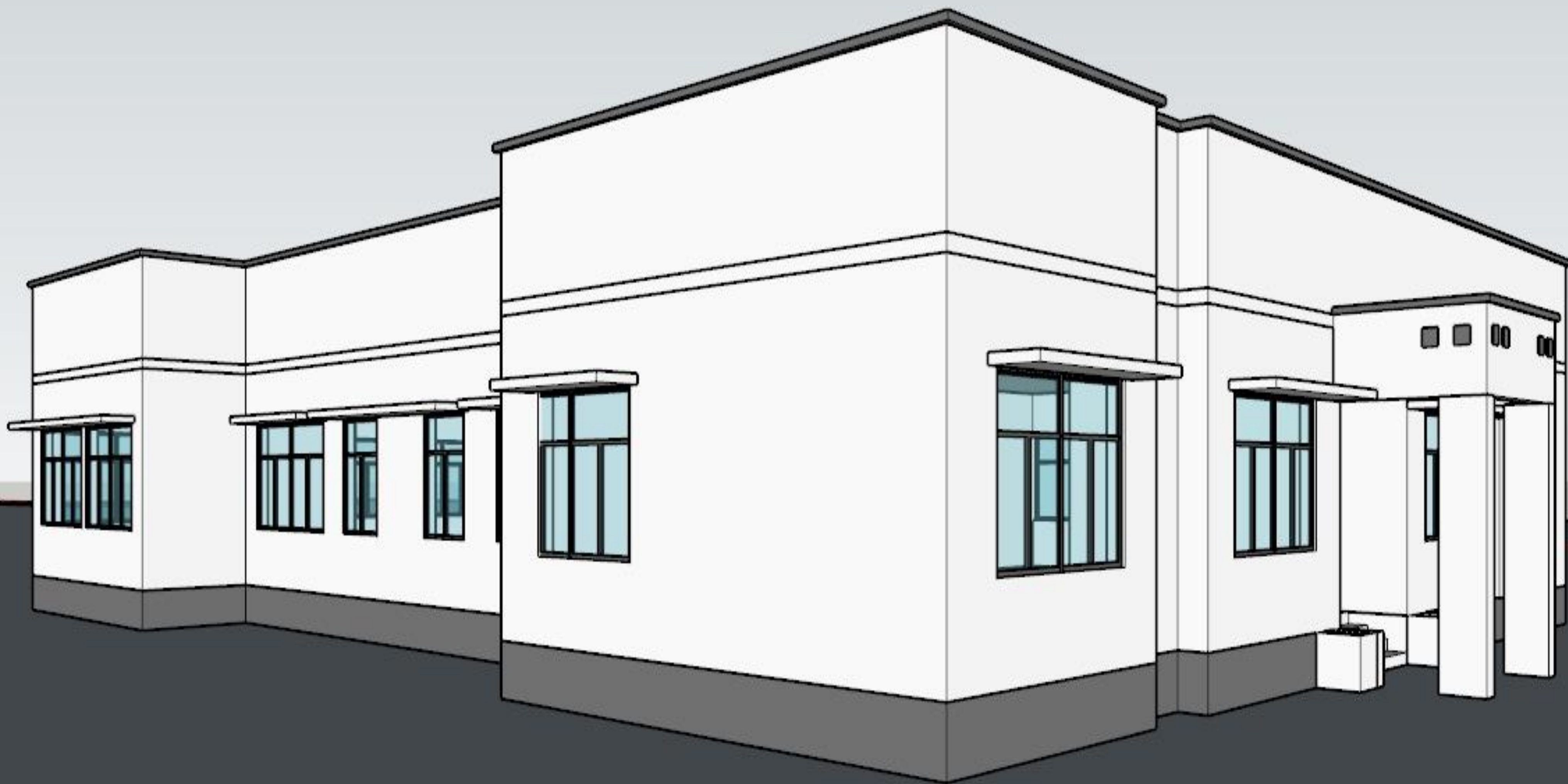
SIGN

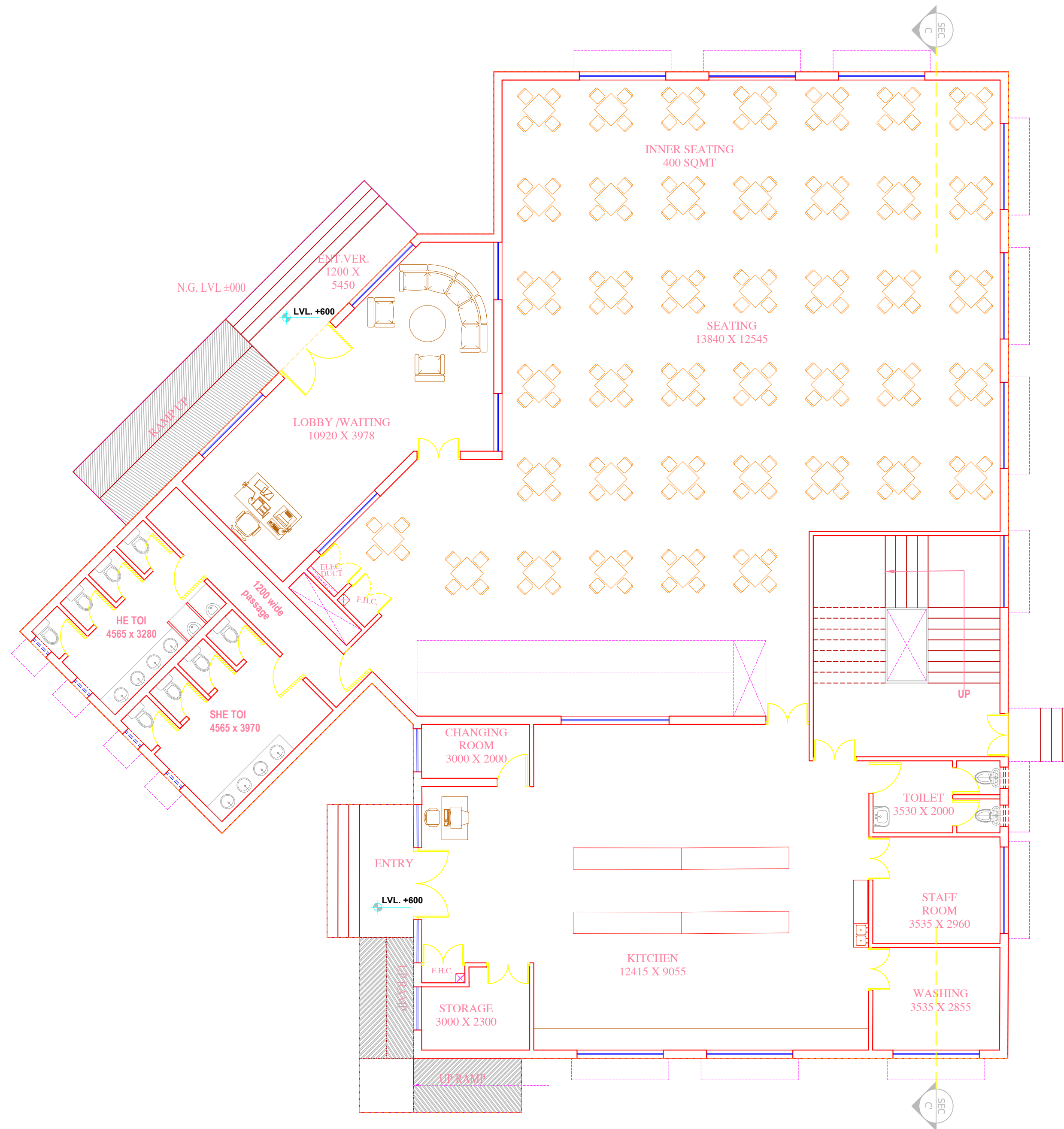
VIEW











GROUND FLOOR PLAN

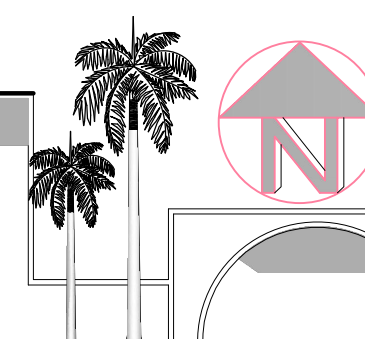
REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

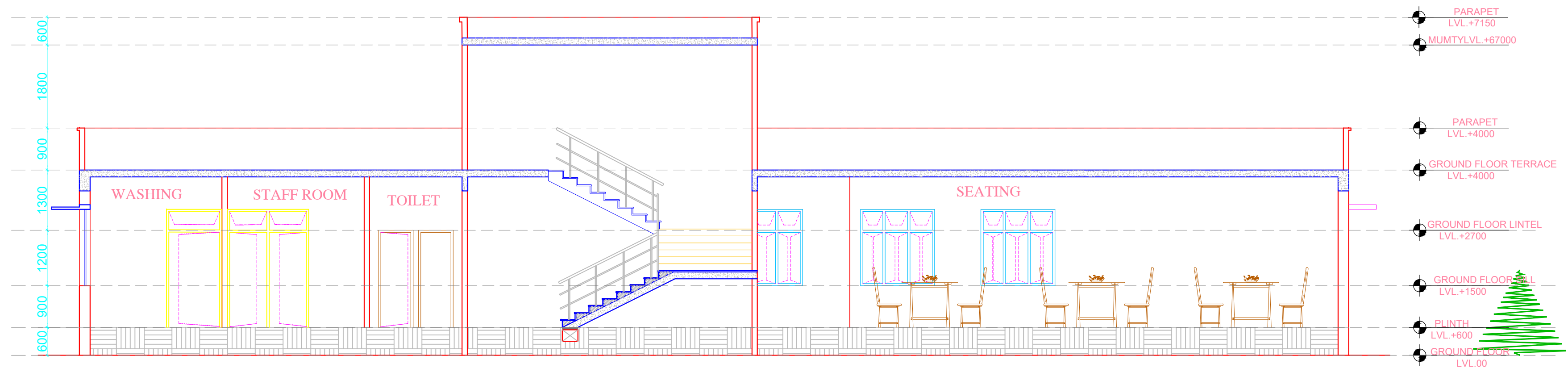
RESTAURANT
BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

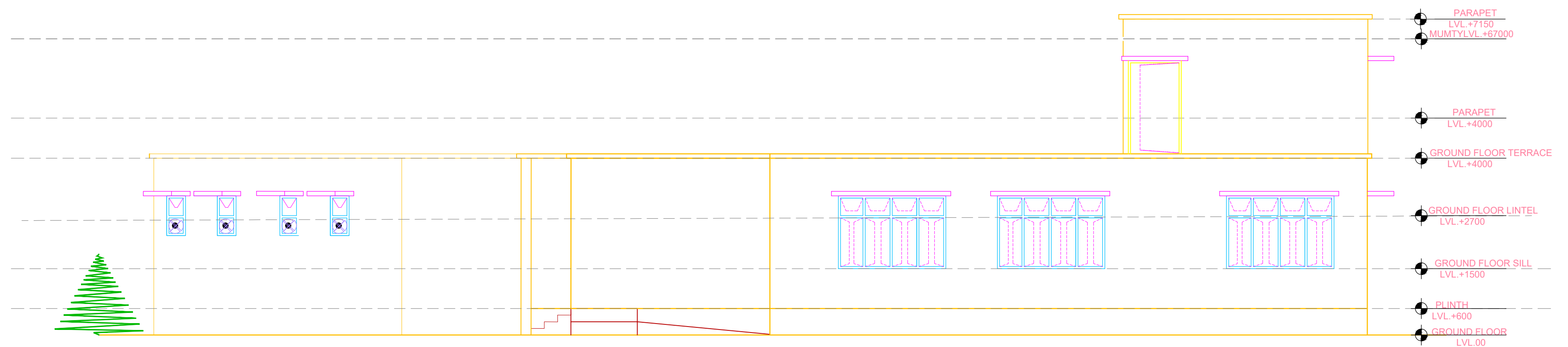
DATE -16-05-2020 SIGN

SHEET NO.



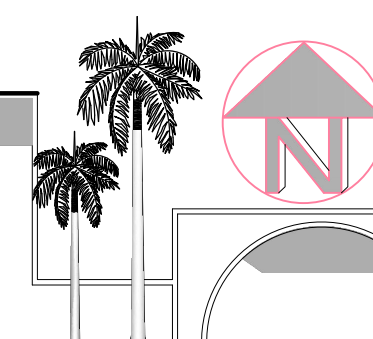


SECTION C-C'



FRONT ELEVATION

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



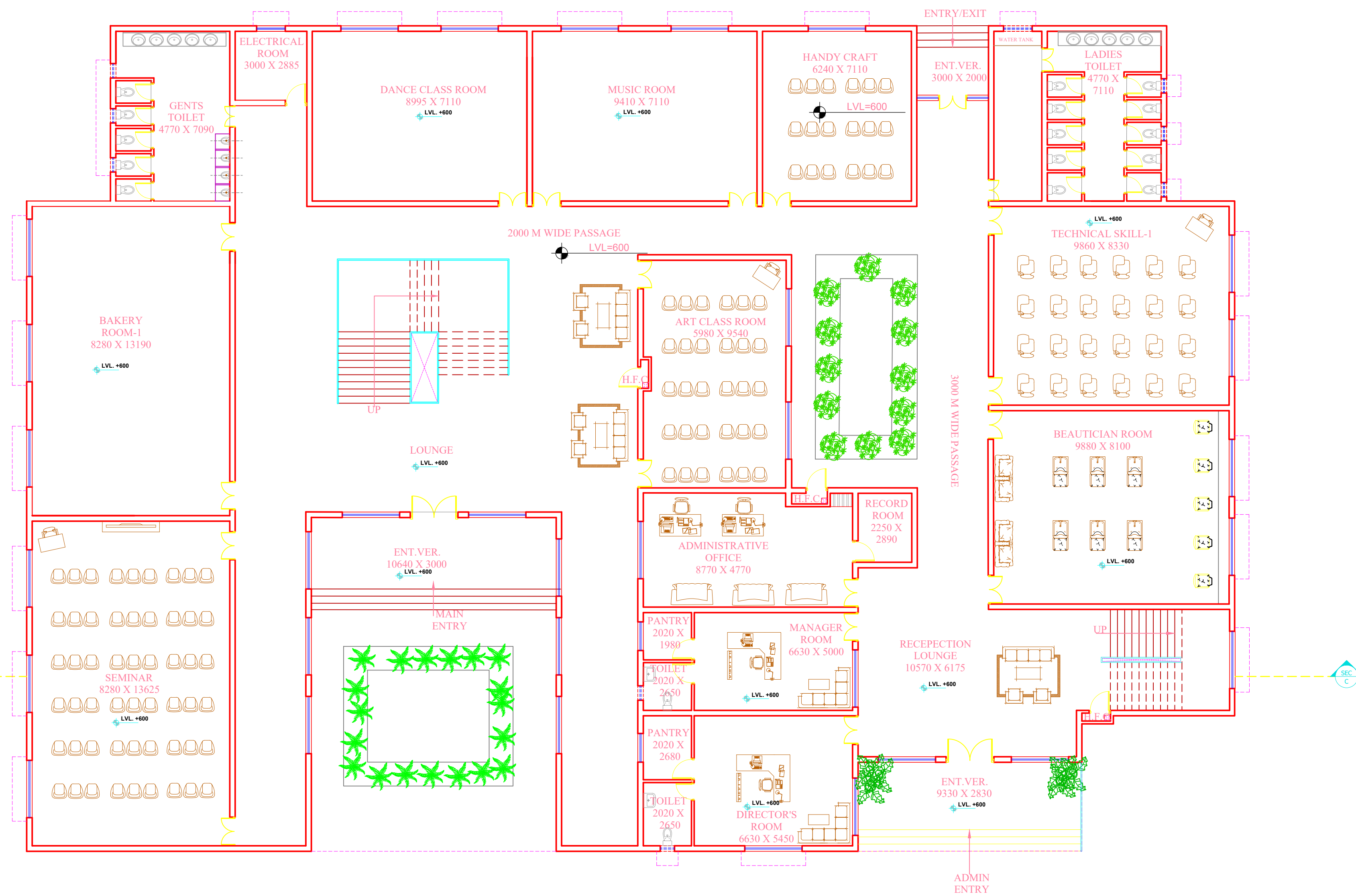
SHEET NO.

RESTAURANT
BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

DATE -16-05-2020

SIGN



GROUND FLOOR PLAN

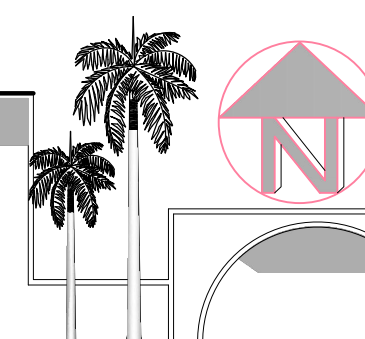
REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

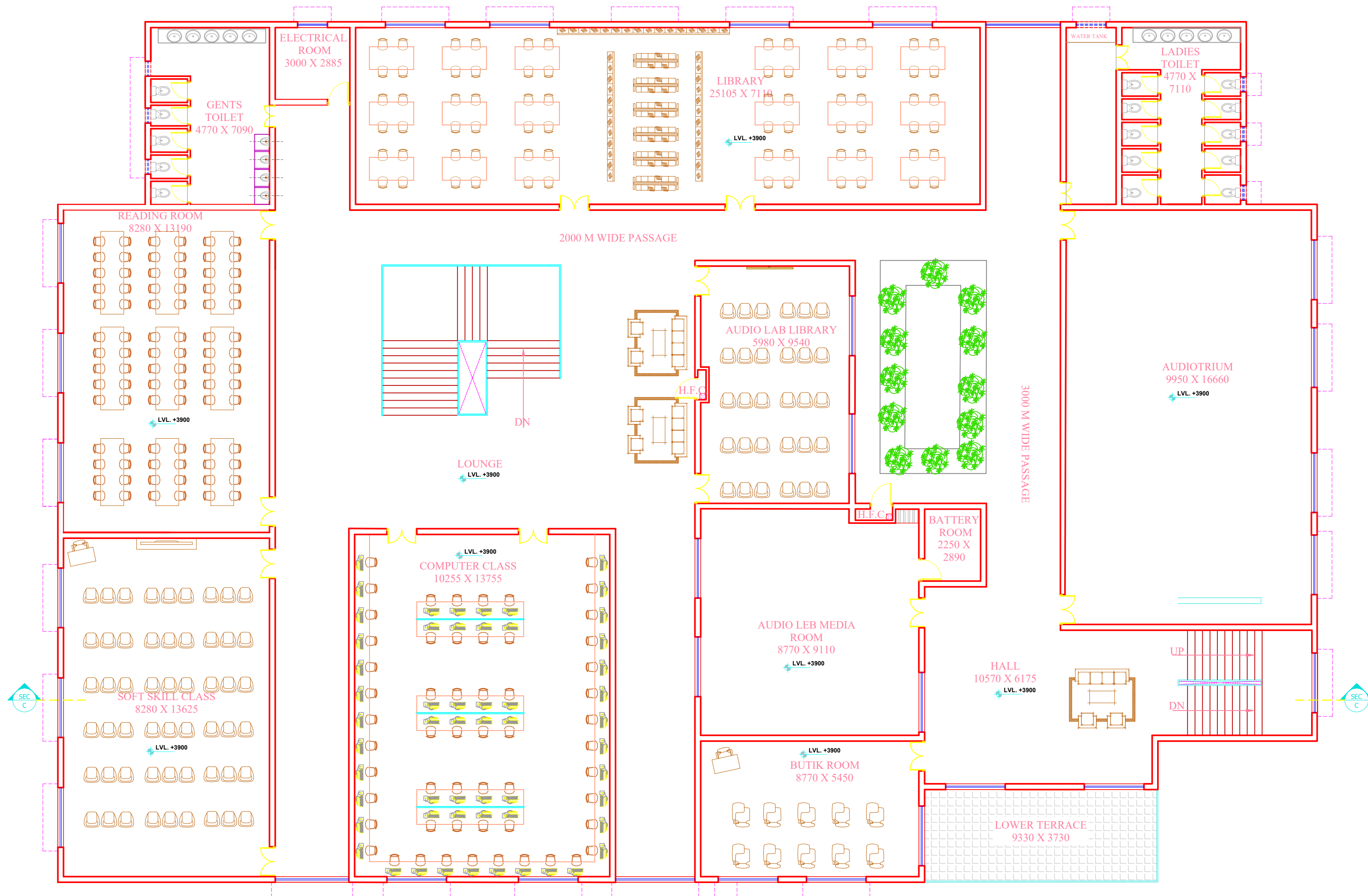
TRAINING AND LIBRARY BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

DATE -16-05-2020 SIGN

SHEET NO.





FIRST FLOOR PLAN

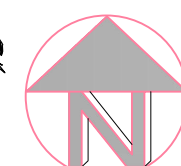
REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

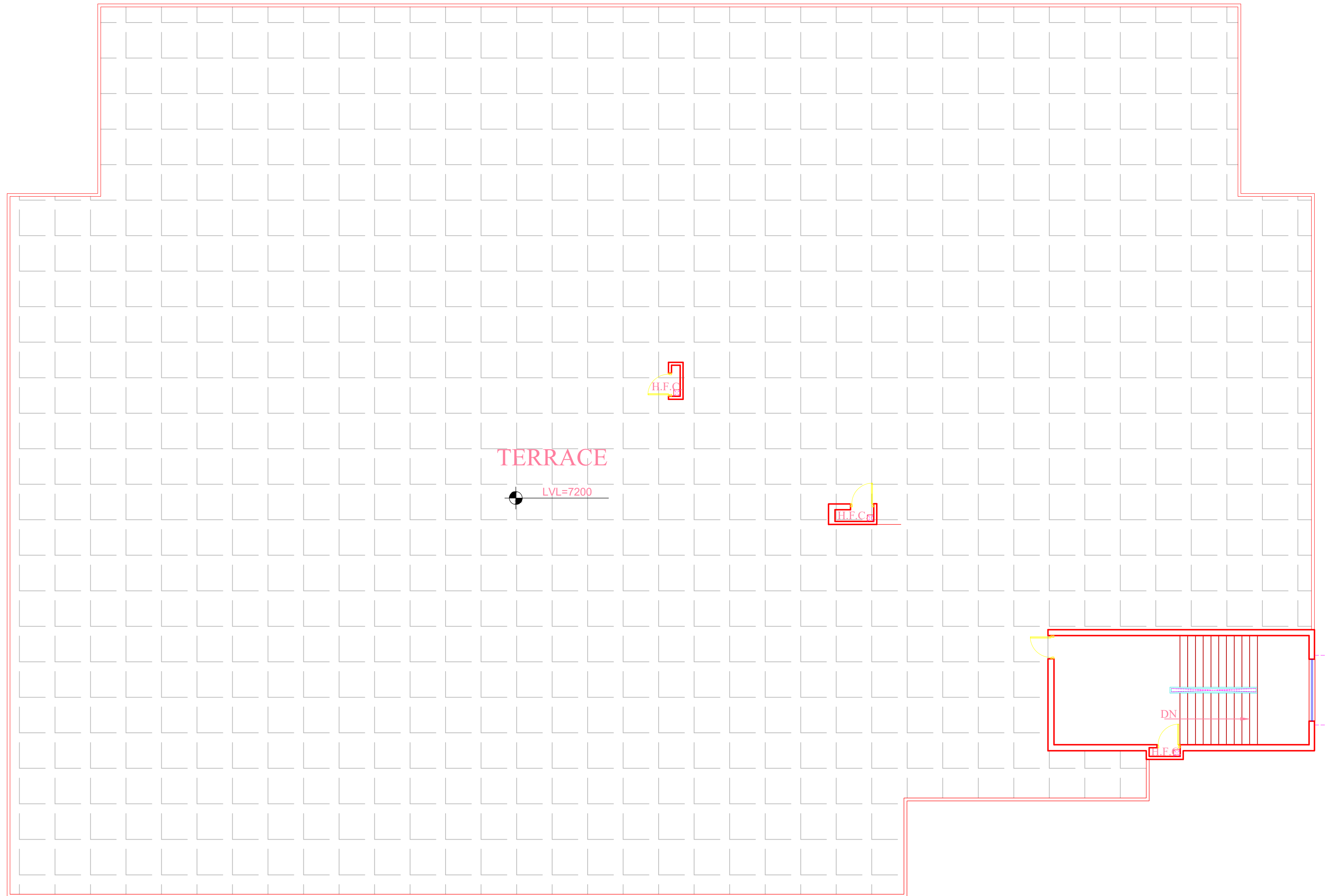
TRAINING AND LIBRARY BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

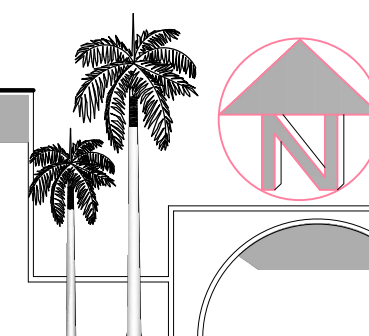
DATE -16-05-2020 SIGN

SHEET NO.





REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



SHEET NO.

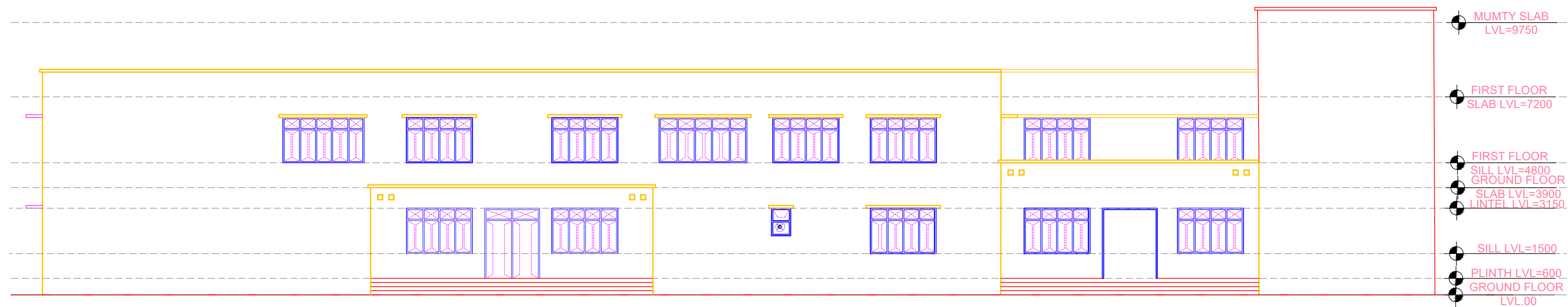
TRAINING AND
LIBRARY BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

DATE -16-05-2020

SIGN

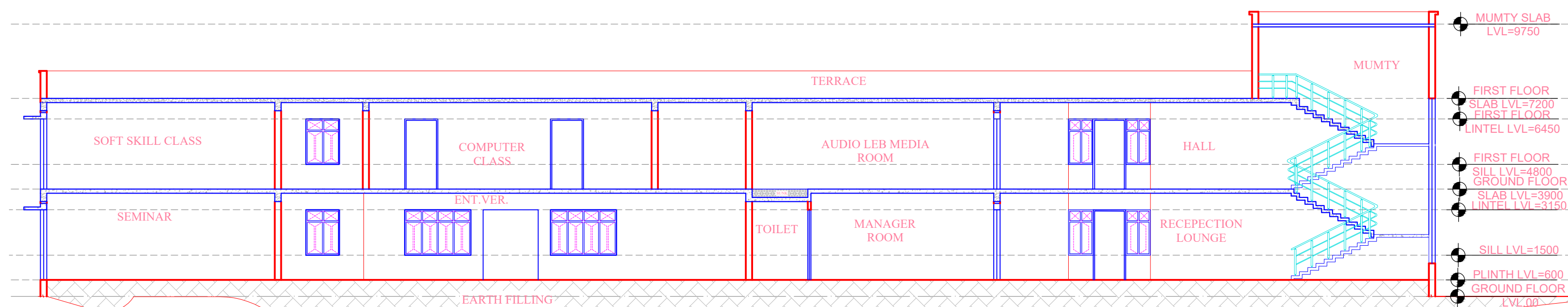




FRONT ELEVATION



LIFT SIDE ELEVATION



SECTION A-A'

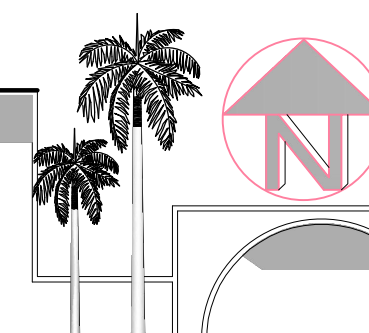
REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

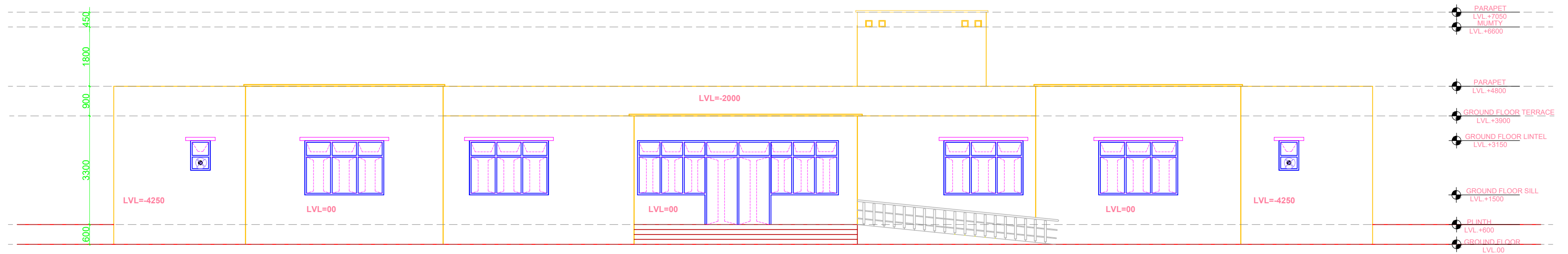
TRAINING AND
LIBRARY BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

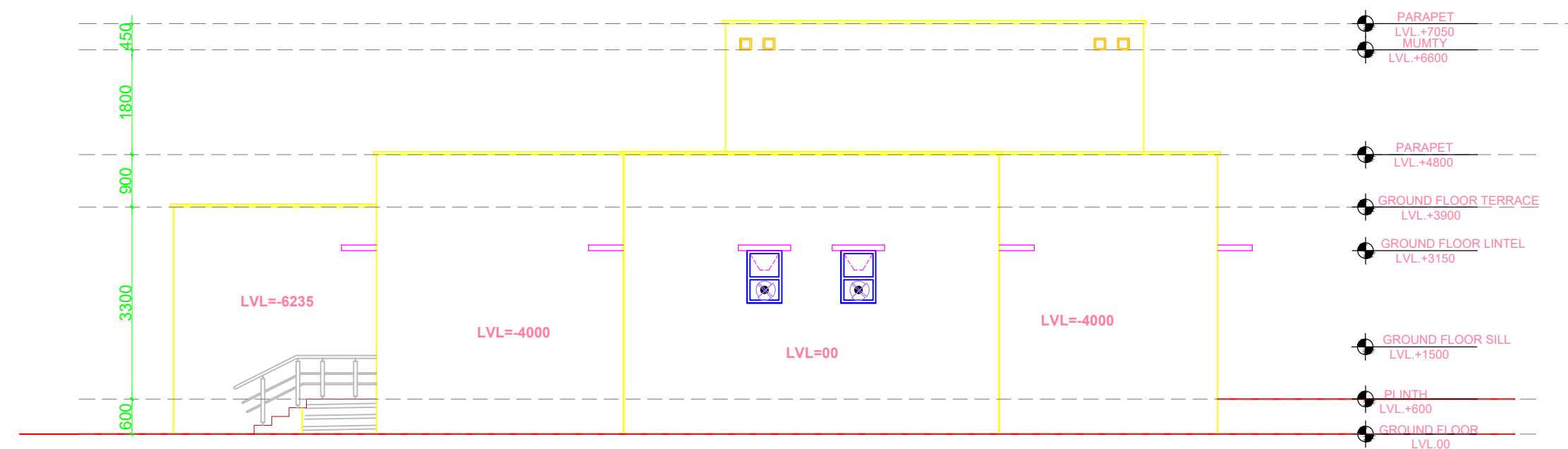
DATE -16-05-2020 SIGN

SHEET NO.

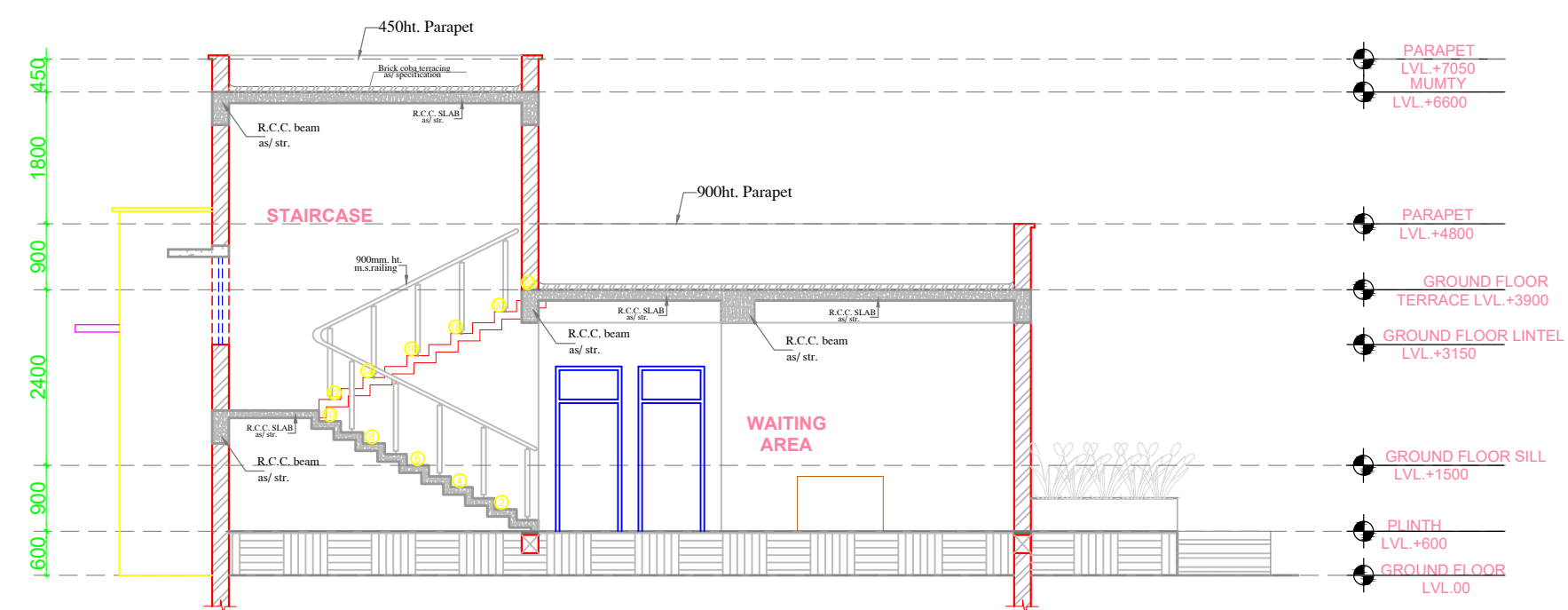




FRONT ELEVATION



RIGHT SIDE ELEVATION



SECTION C-C'

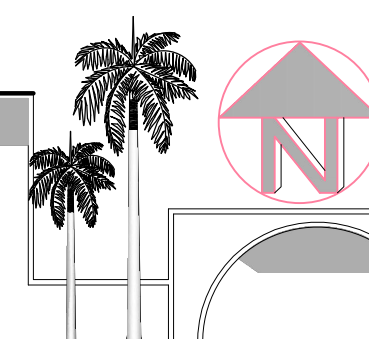
REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

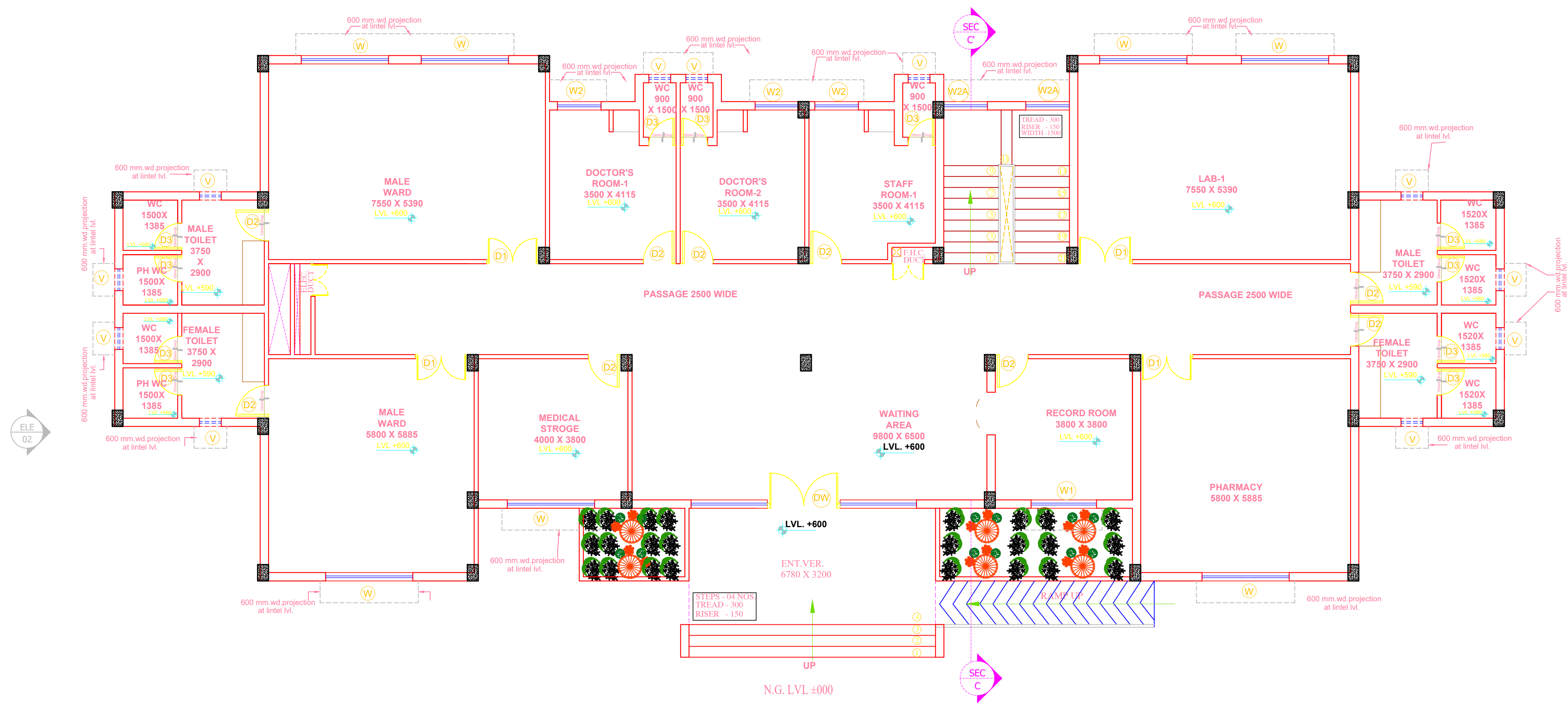
HEALTH CARE
CENTER BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

DATE -16-05-2020 SIGN

SHEET NO.





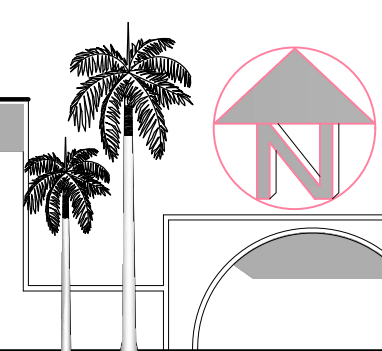
GROUND FLOOR PLAN

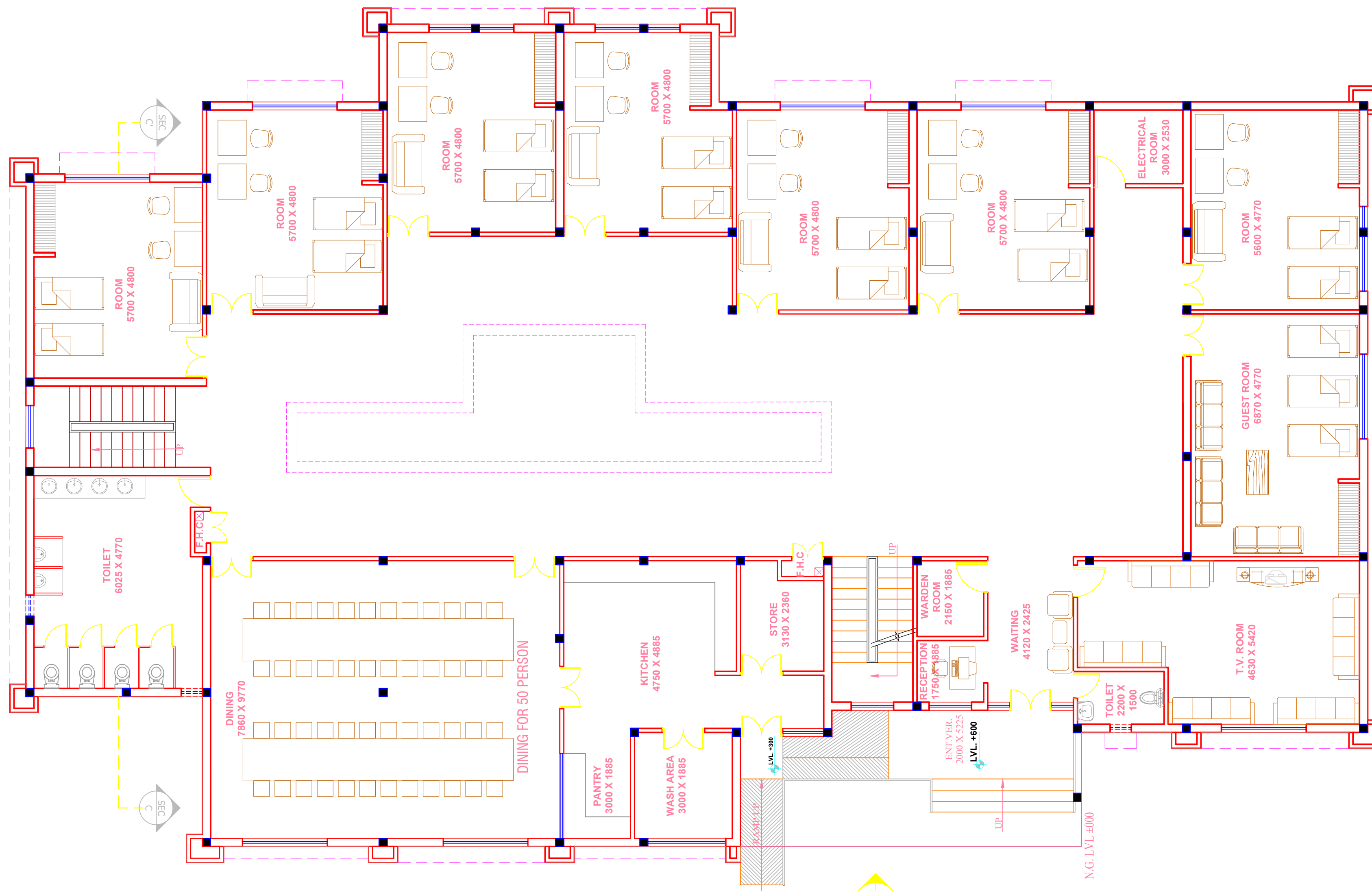
REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

HEALTH CARE
CENTER BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO
DATE -16-05-2020 SIGN

SHEET NO.





8 ROOM-3 BED
GROUND FLOOR PLAN

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

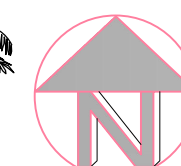
BOYS HOSTEL
BLOCK

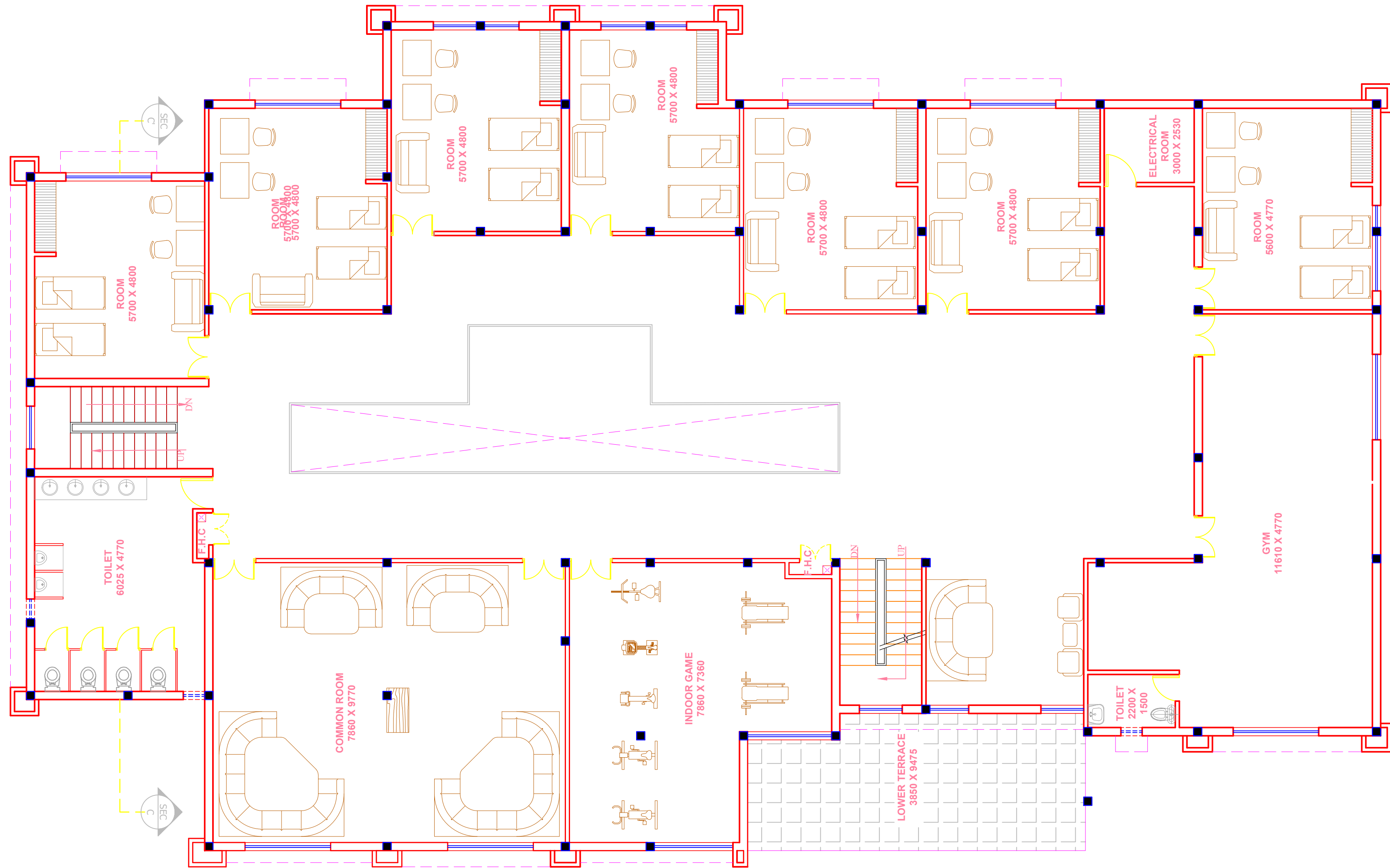
NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

DATE -16-05-2020

SIGN

SHEET NO.





8 ROOM-3 BED
FIRST FLOOR PLAN

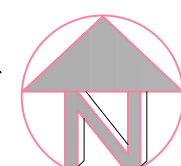
REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

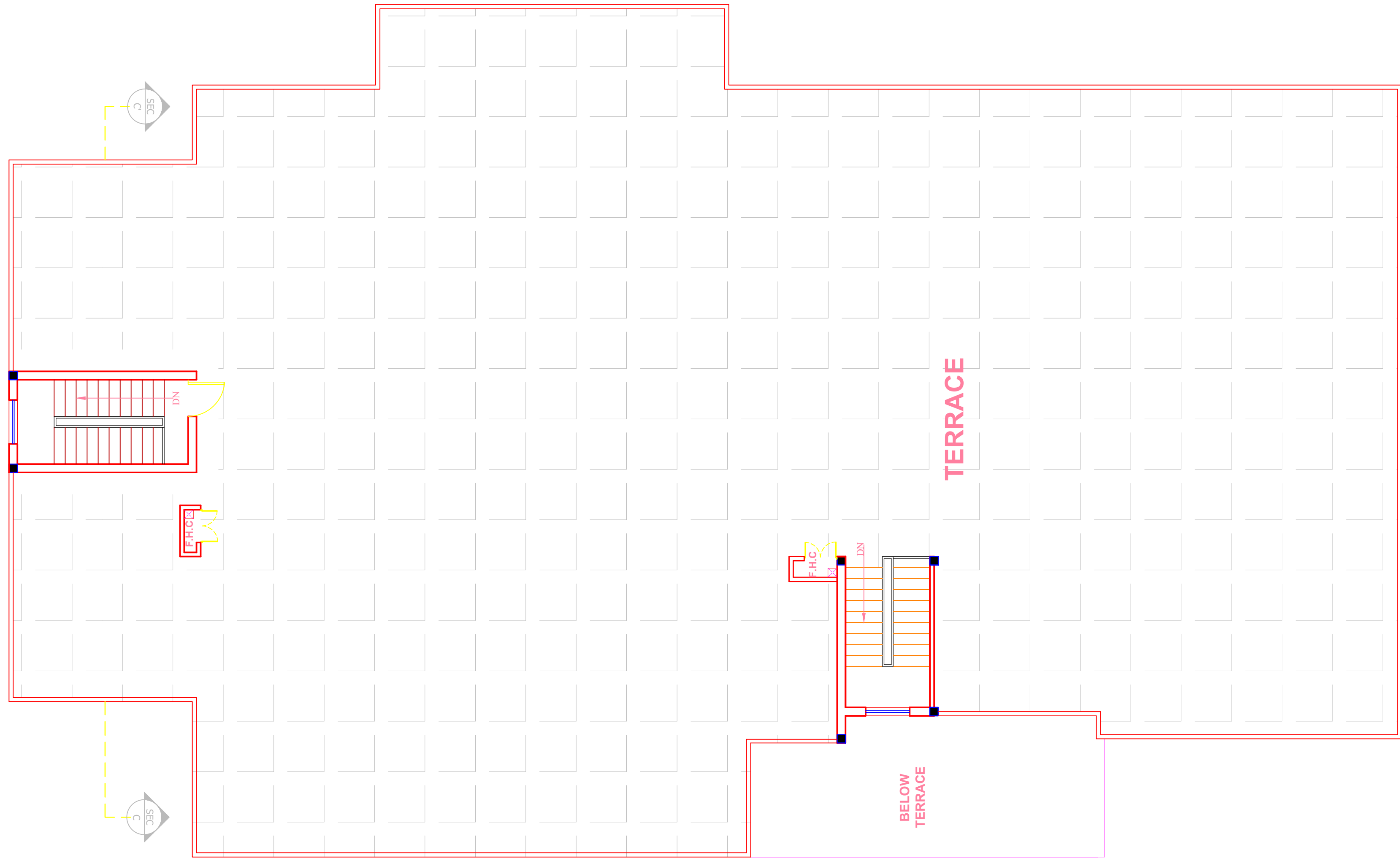
BOYS HOSTEL
BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

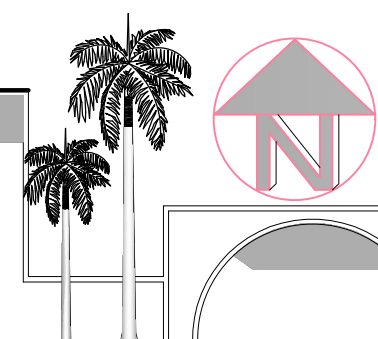
DATE -16-05-2020 SIGN

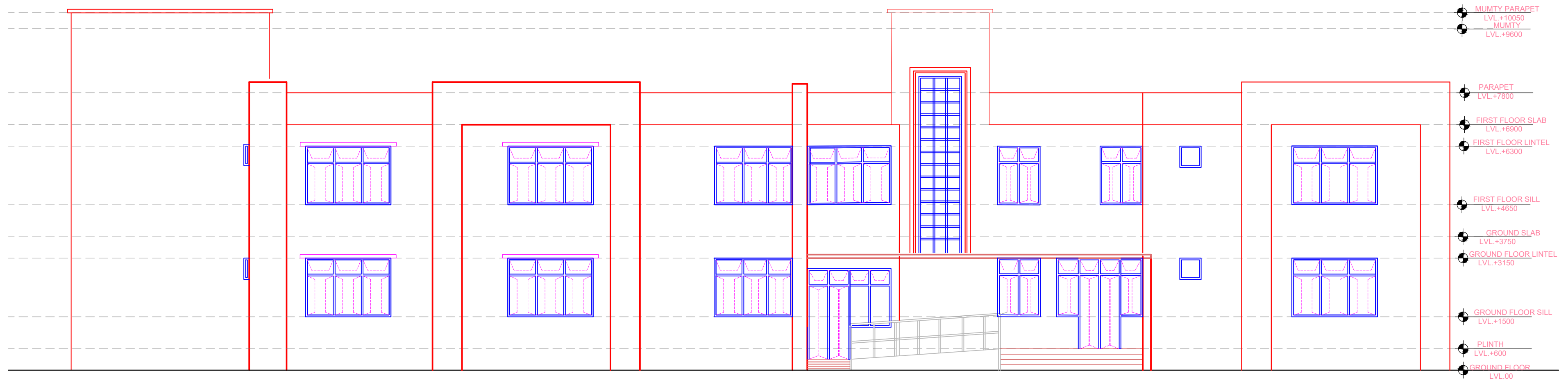
SHEET NO.



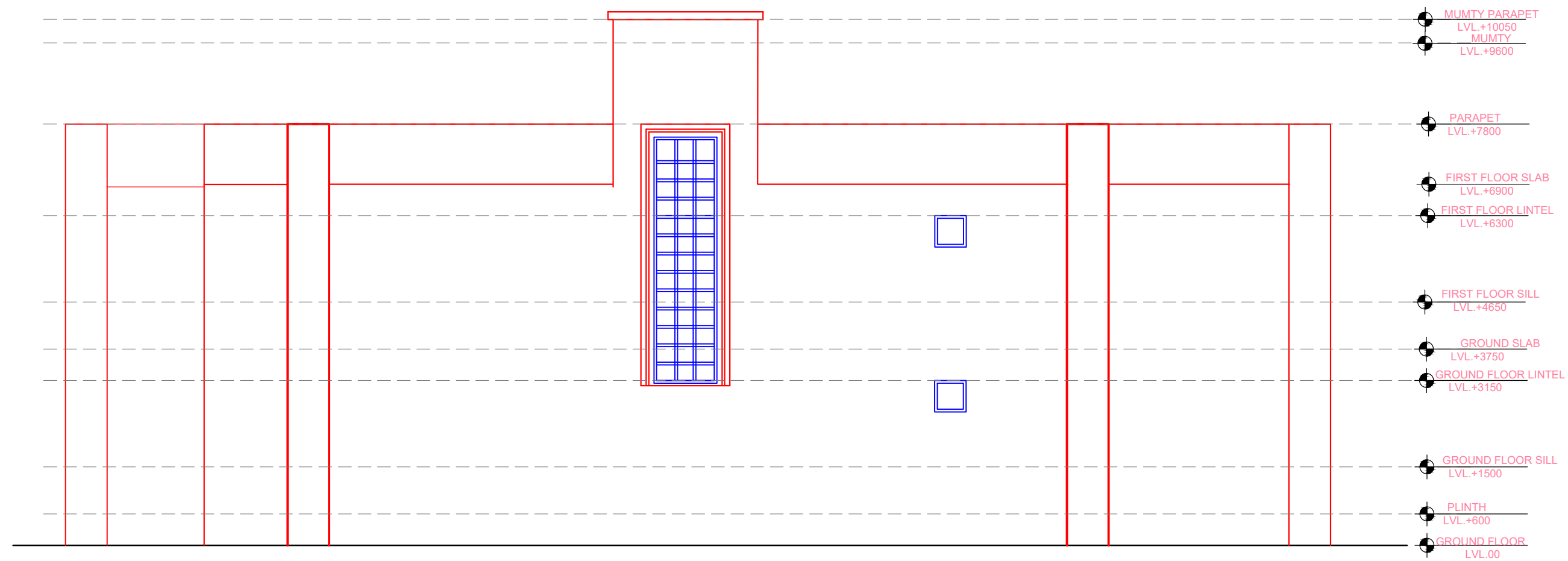


TERRACE FLOOR PLAN



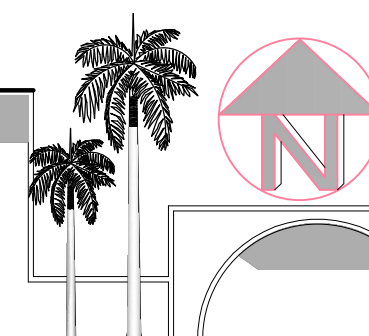


FRONT ELEVATION



BACK ELEVATION

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



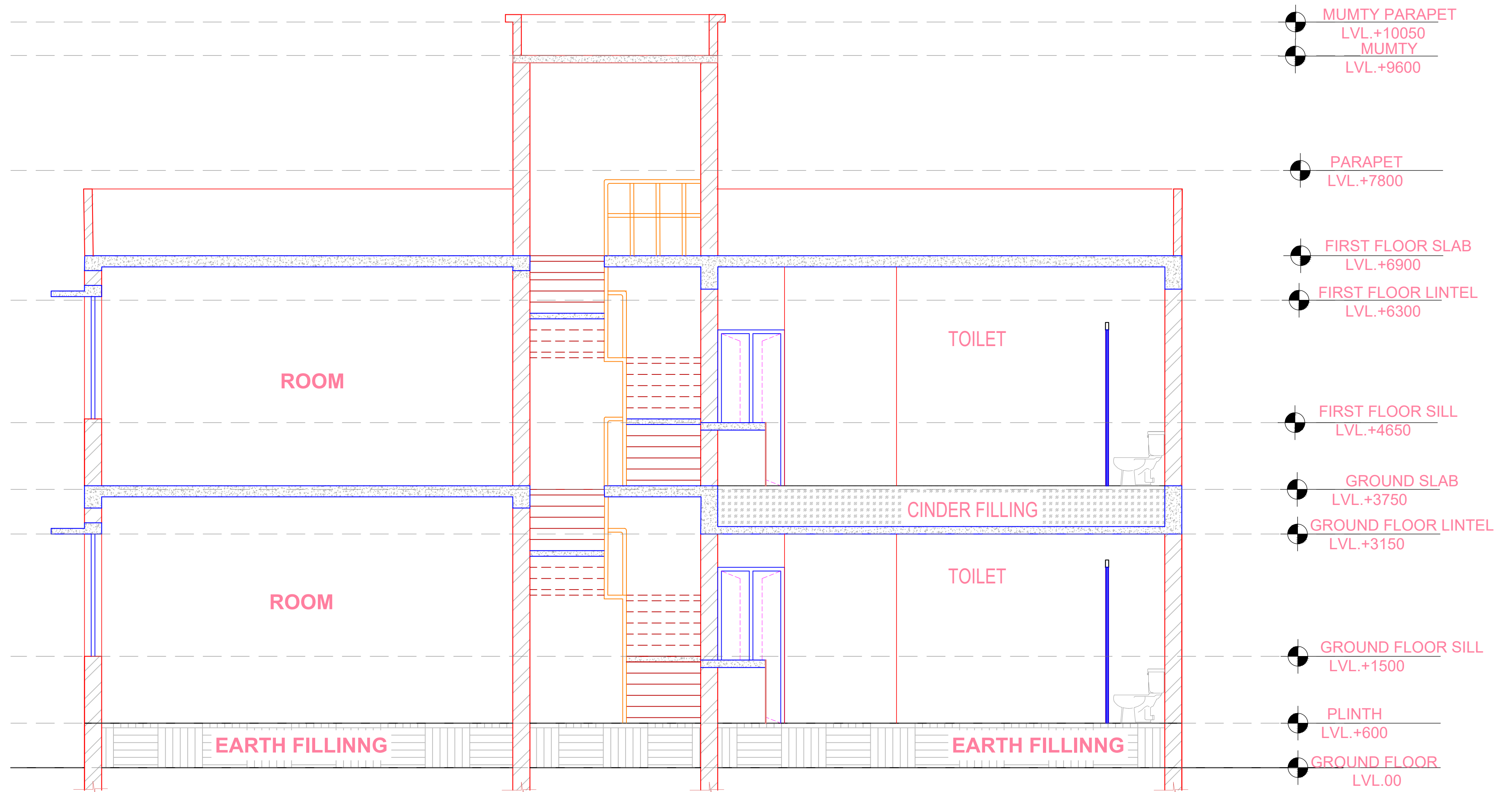
SHEET NO.

BOYS HOSTEL
BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

DATE -16-05-2020

SIGN



SECTION C—C'

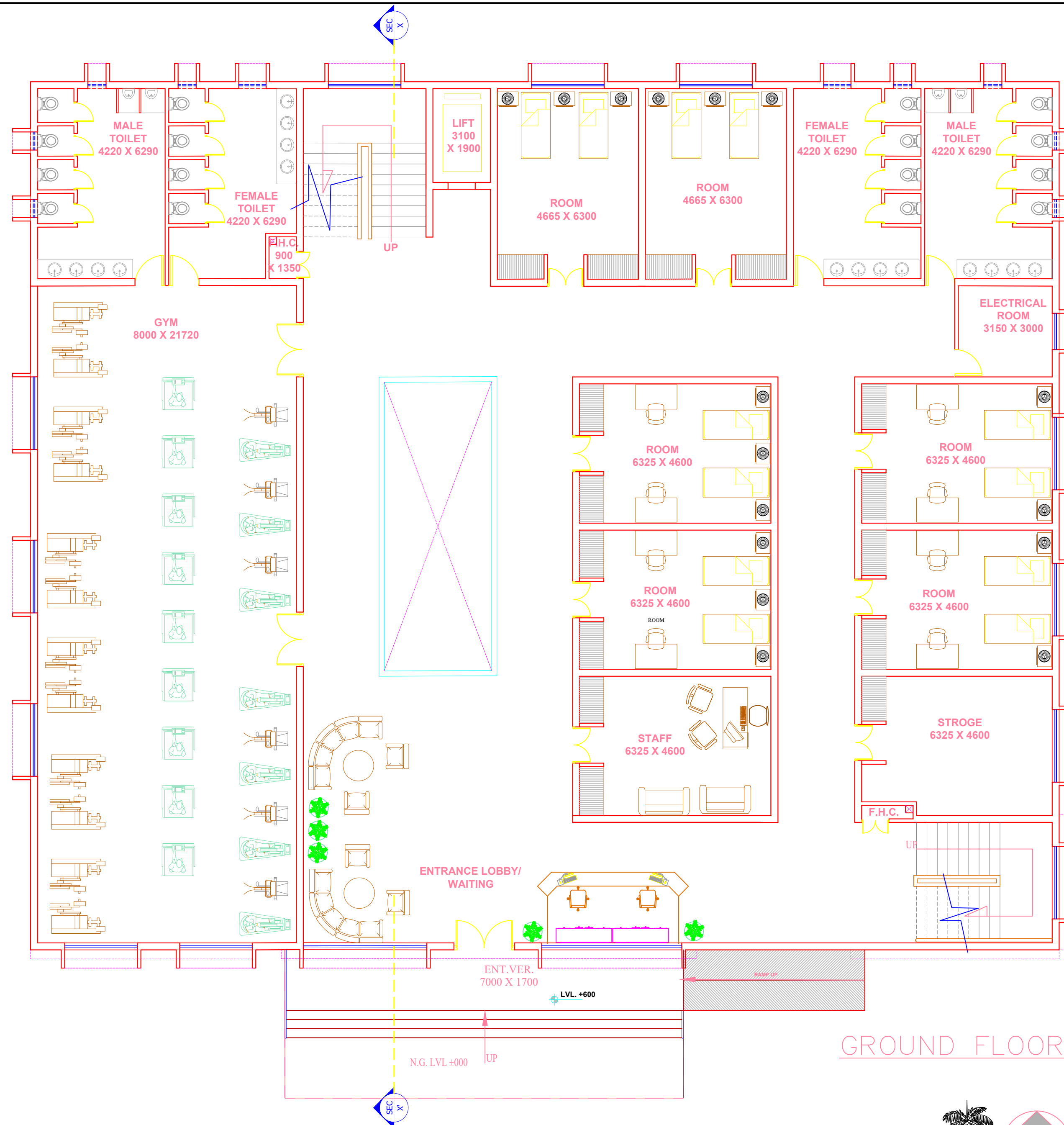
REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

BOYS HOSTEL
BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

DATE -16-05-2020 SIGN

SHEET NO.



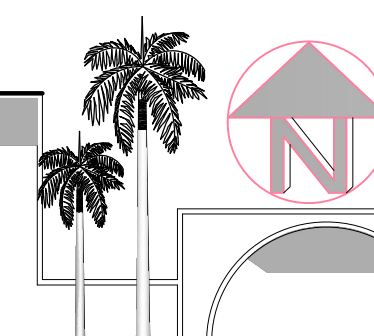
GROUND FLOOR PLAN

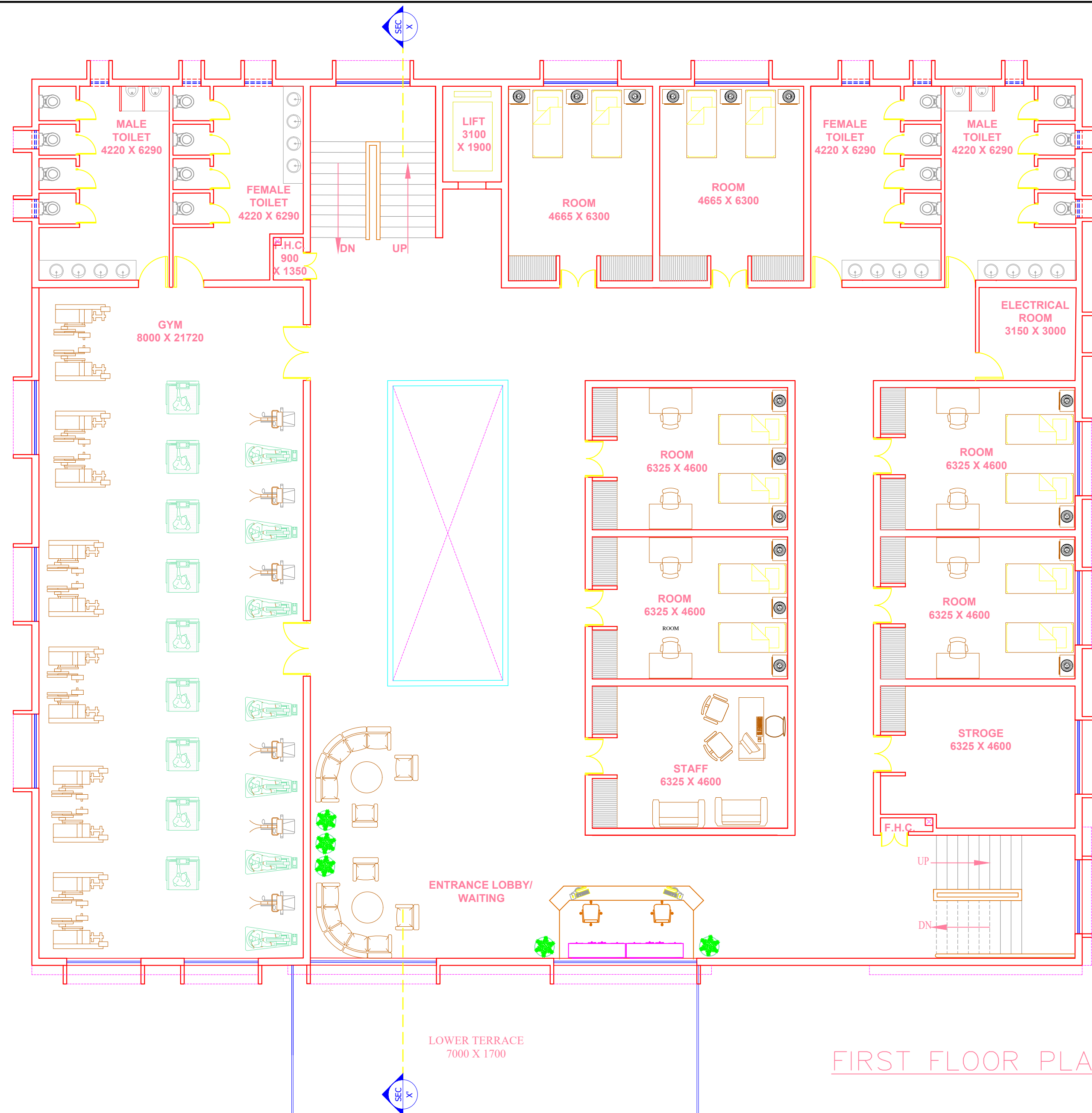
REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

MEDITATION AND THERAPY BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO
DATE -16-05-2020 SIGN

SHEET NO.





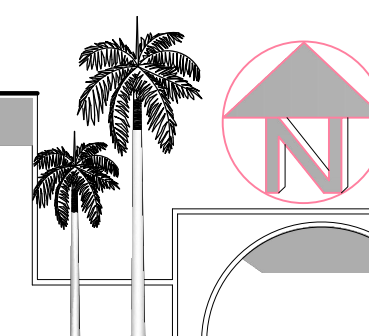
FIRST FLOOR PLAN

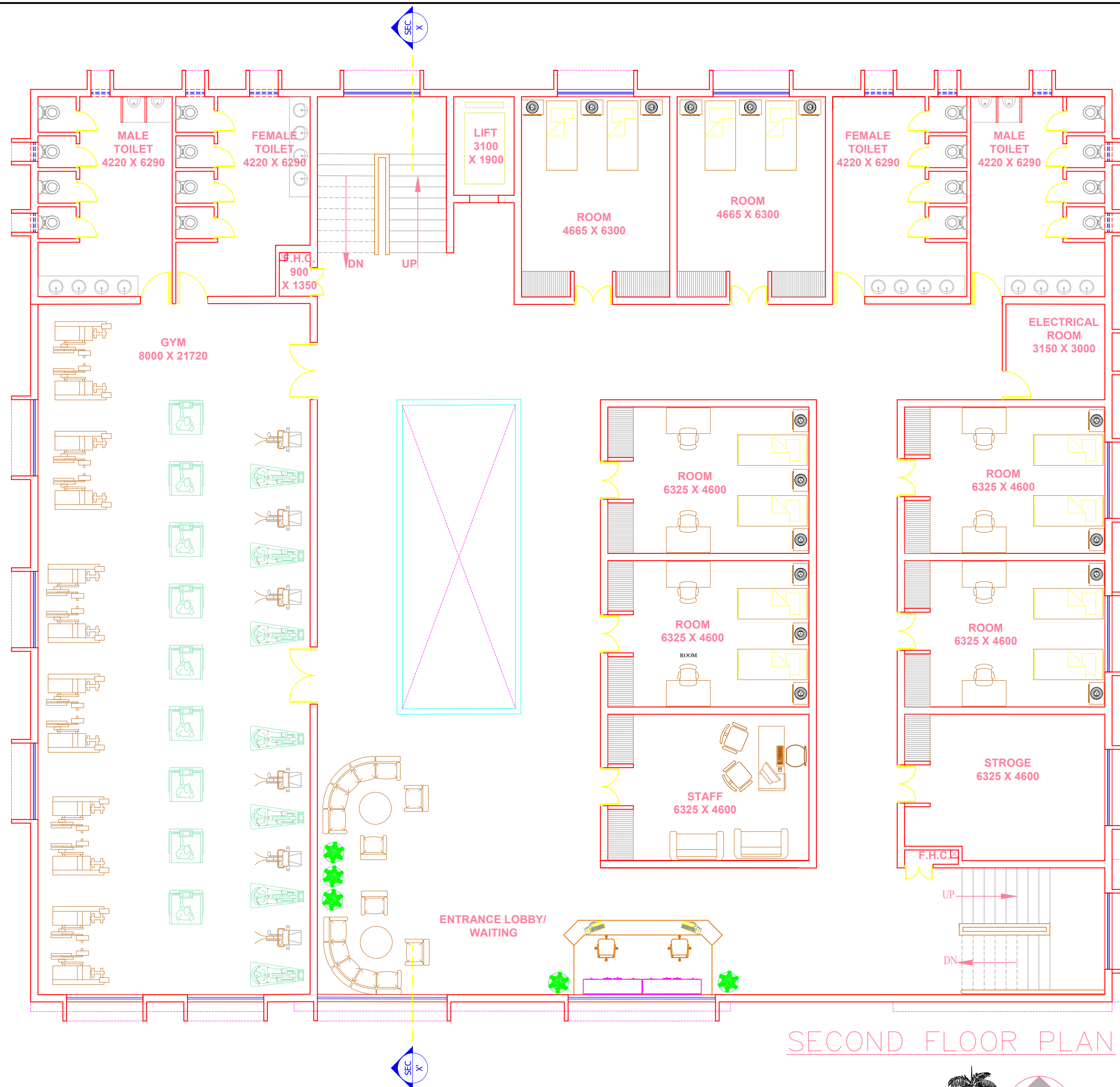
REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

MEDITATION AND THERAPY BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO
DATE -16-05-2020 SIGN

SHEET NO.



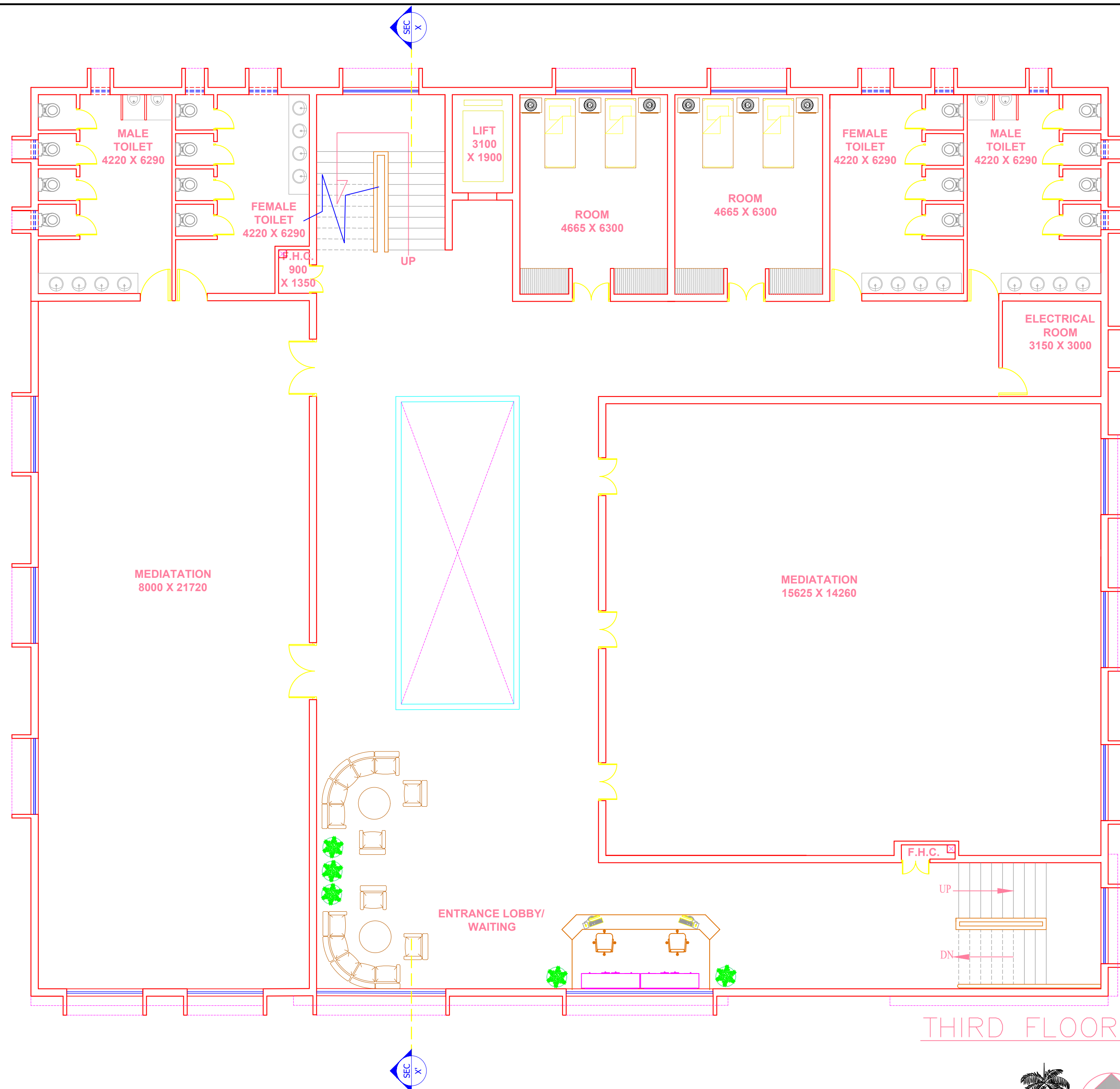


REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

MEDITATION AND THERAPY BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO
DATE -16-05-2020 SIGN

SHEET NO.



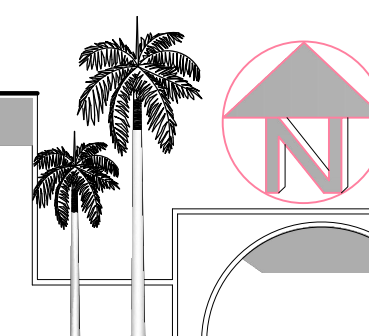
THIRD FLOOR PLAN

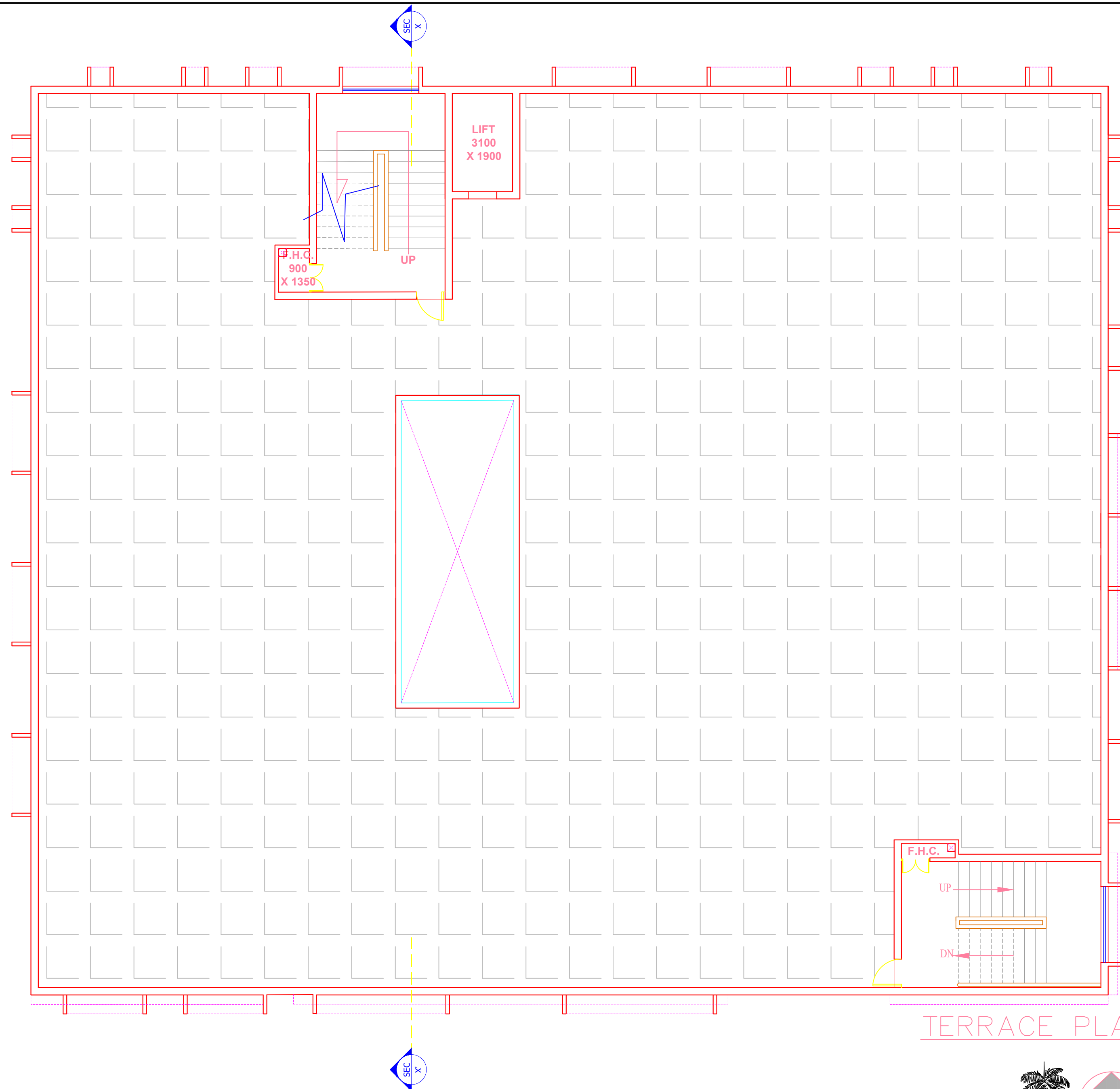
REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

MEDITATION AND THERAPY BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO
DATE -16-05-2020 SIGN

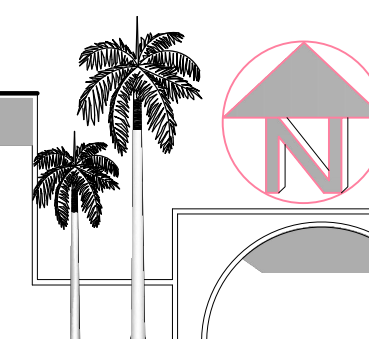
SHEET NO.





TERRACE PLAN

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

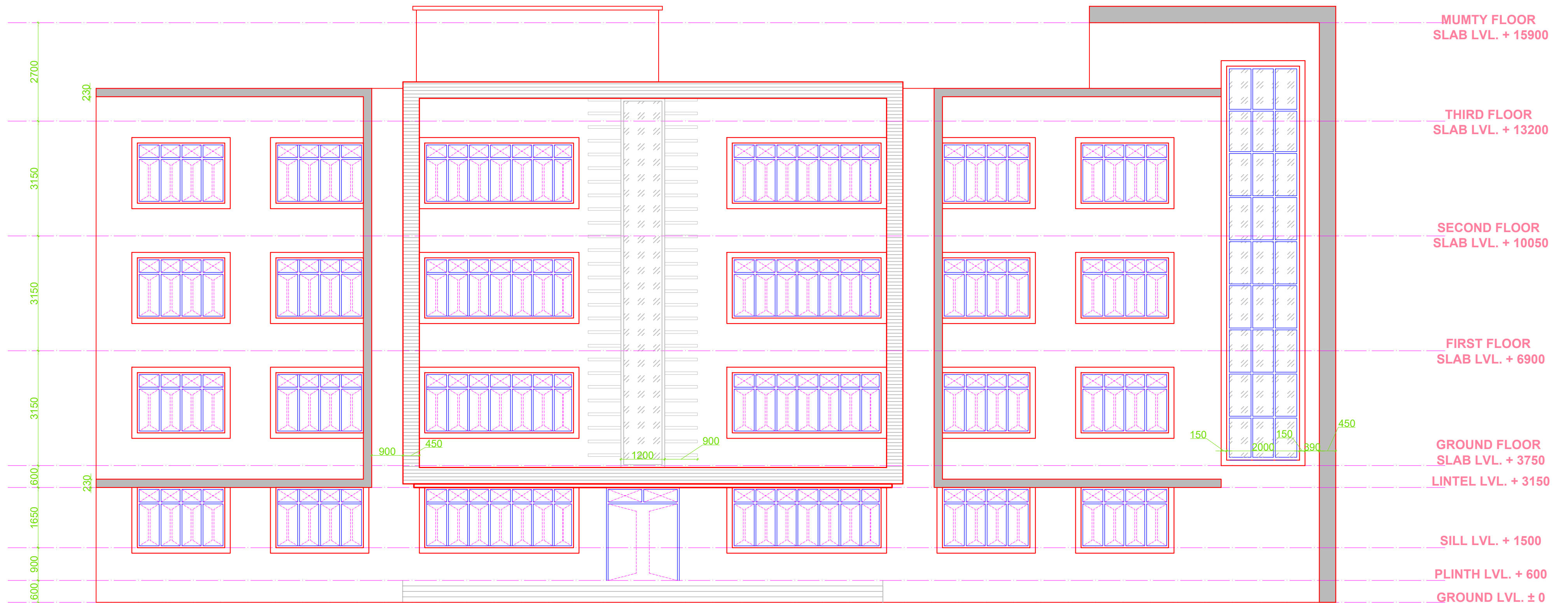


SHEET NO.

MEDITATION AND
THERAPY BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

DATE -16-05-2020 SIGN



FRONT ELEVATION

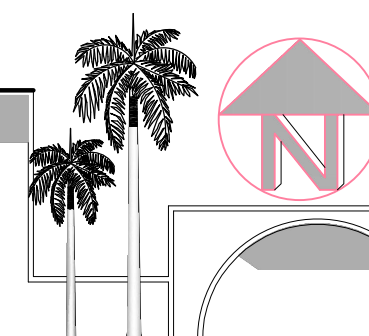
REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

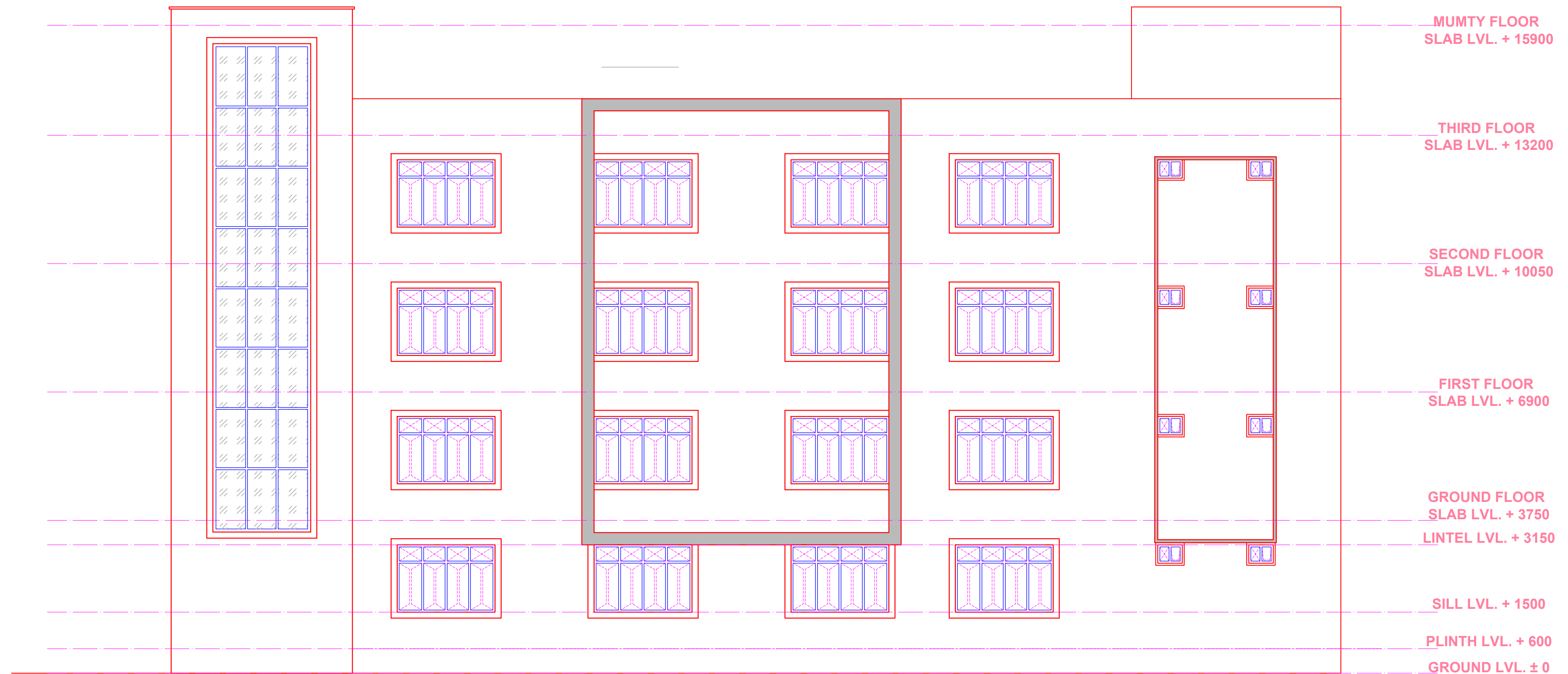
MEDITATION AND
THERAPY BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

DATE -16-05-2020 SIGN

SHEET NO.





ELEVATION AT RIGHT SIDE

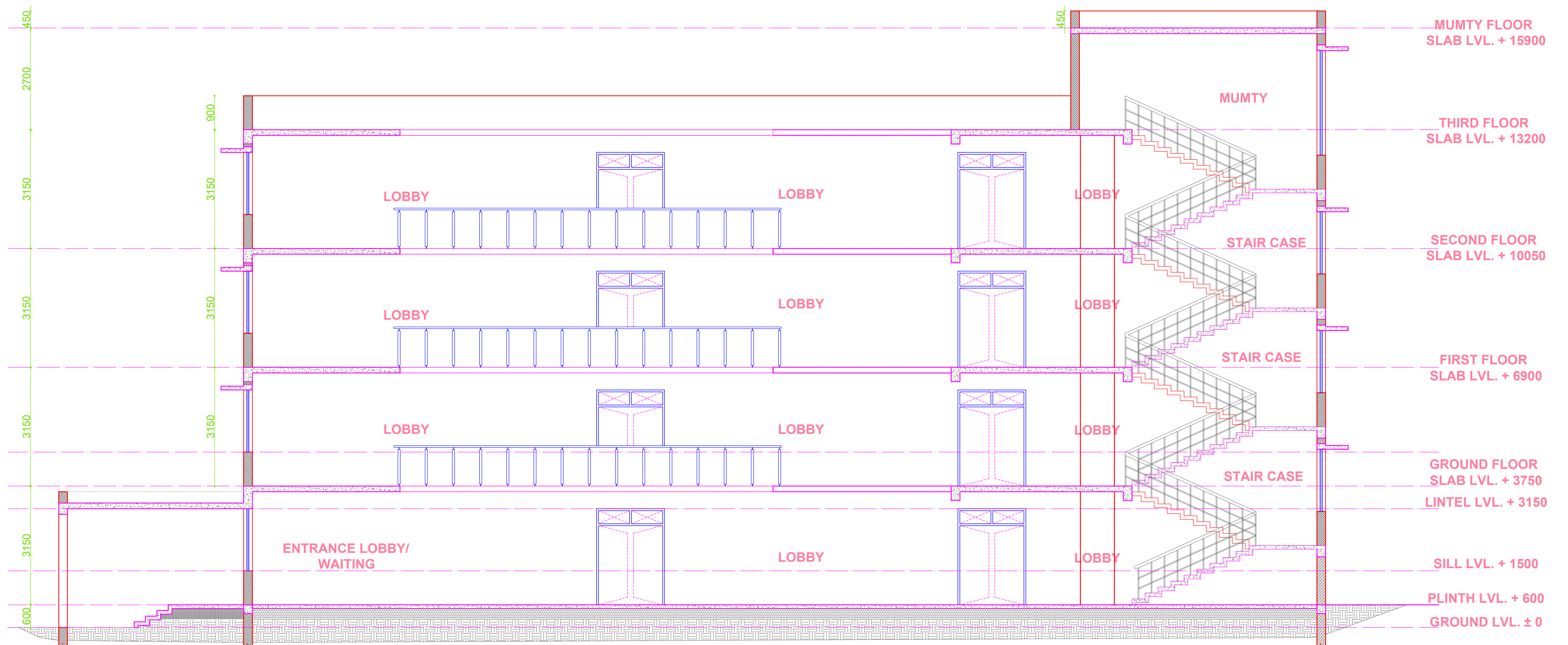
REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

MEDITATION AND
THERAPY BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

DATE -16-05-2020 SIGN

SHEET NO.



SECTION AT X-X'

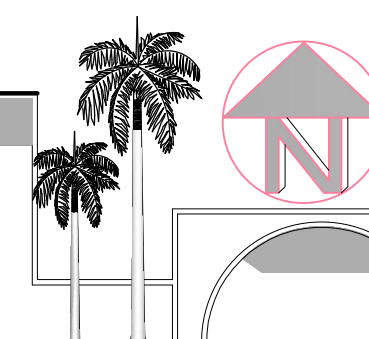
REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

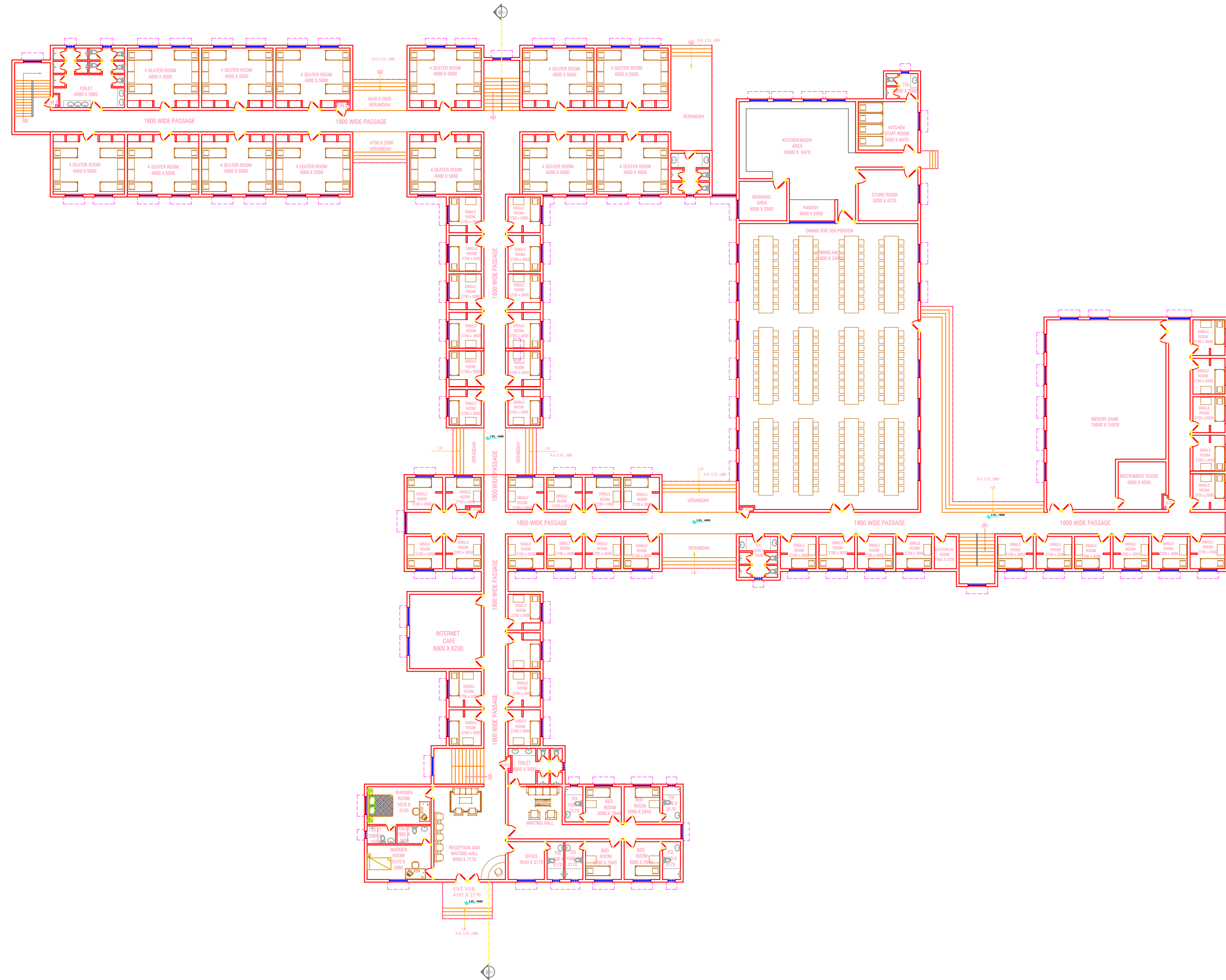
MEDITATION AND
THERAPY BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

DATE -16-05-2020 SIGN

SHEET NO.





GROUND FLOOR PLAN

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

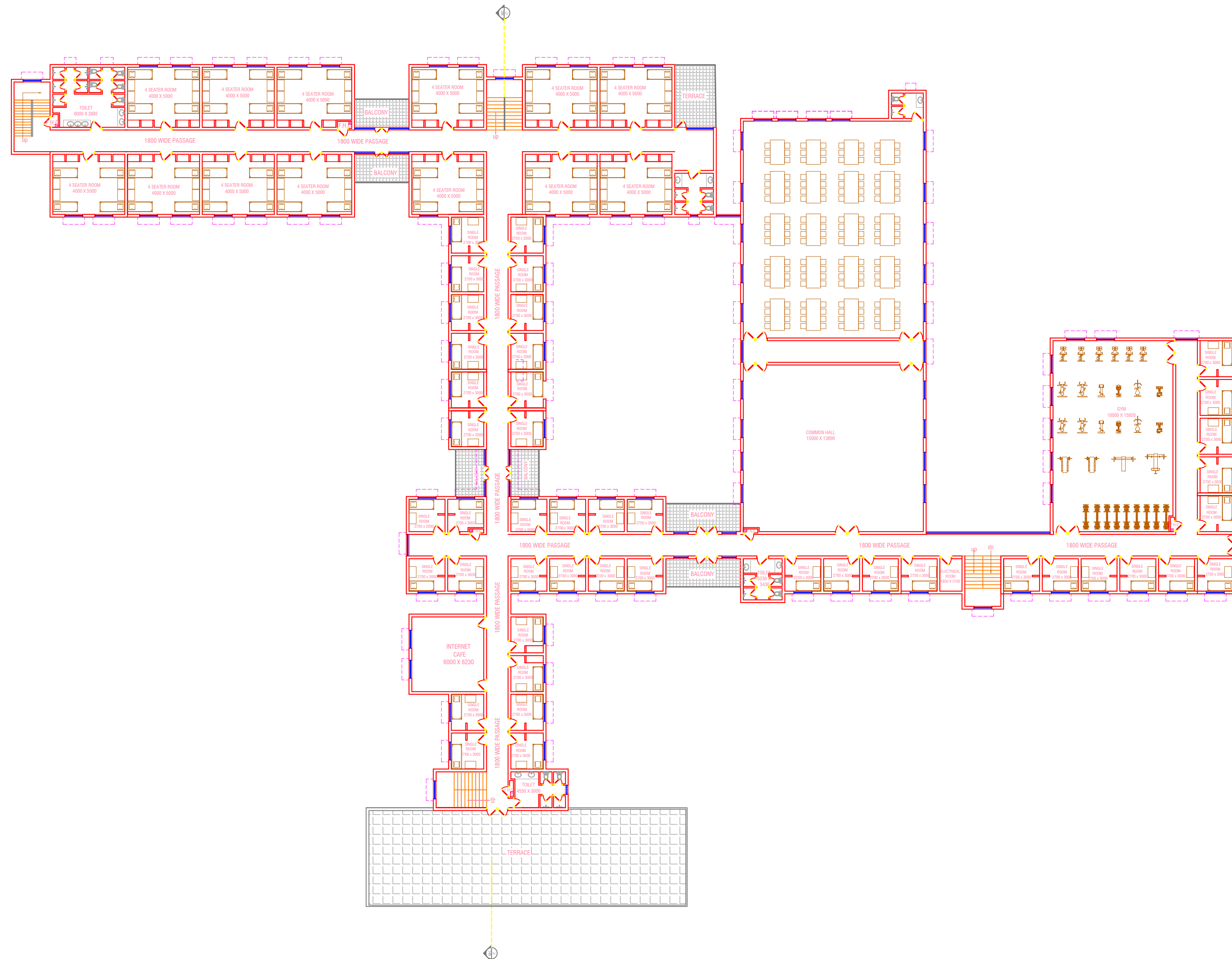
GIRLS HOSTEL
BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

DATE -16-05-2020 SIGN

SHEET NO.





FIRST FLOOR PLAN

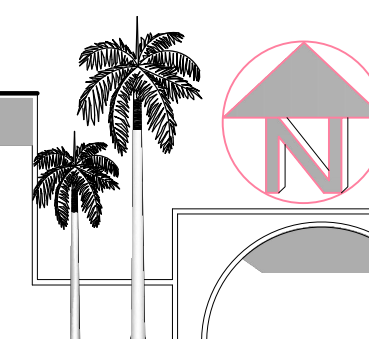
REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

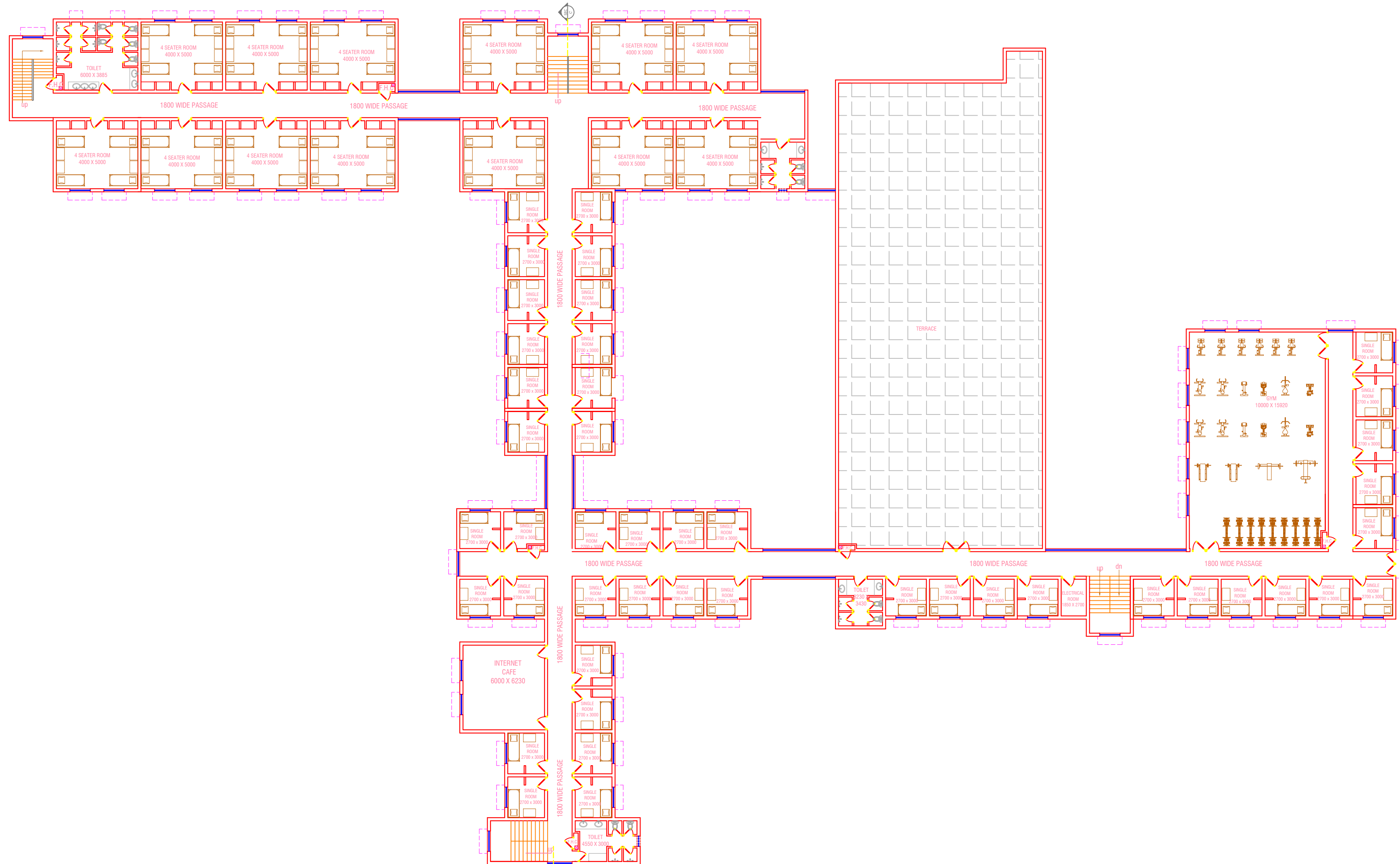
GIRLS HOSTEL BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

DATE -16-05-2020 SIGN

SHEET NO.





SECOND FLOOR PLAN

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

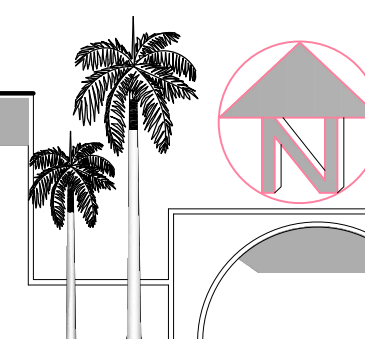
GIRLS HOSTEL
BLOCK

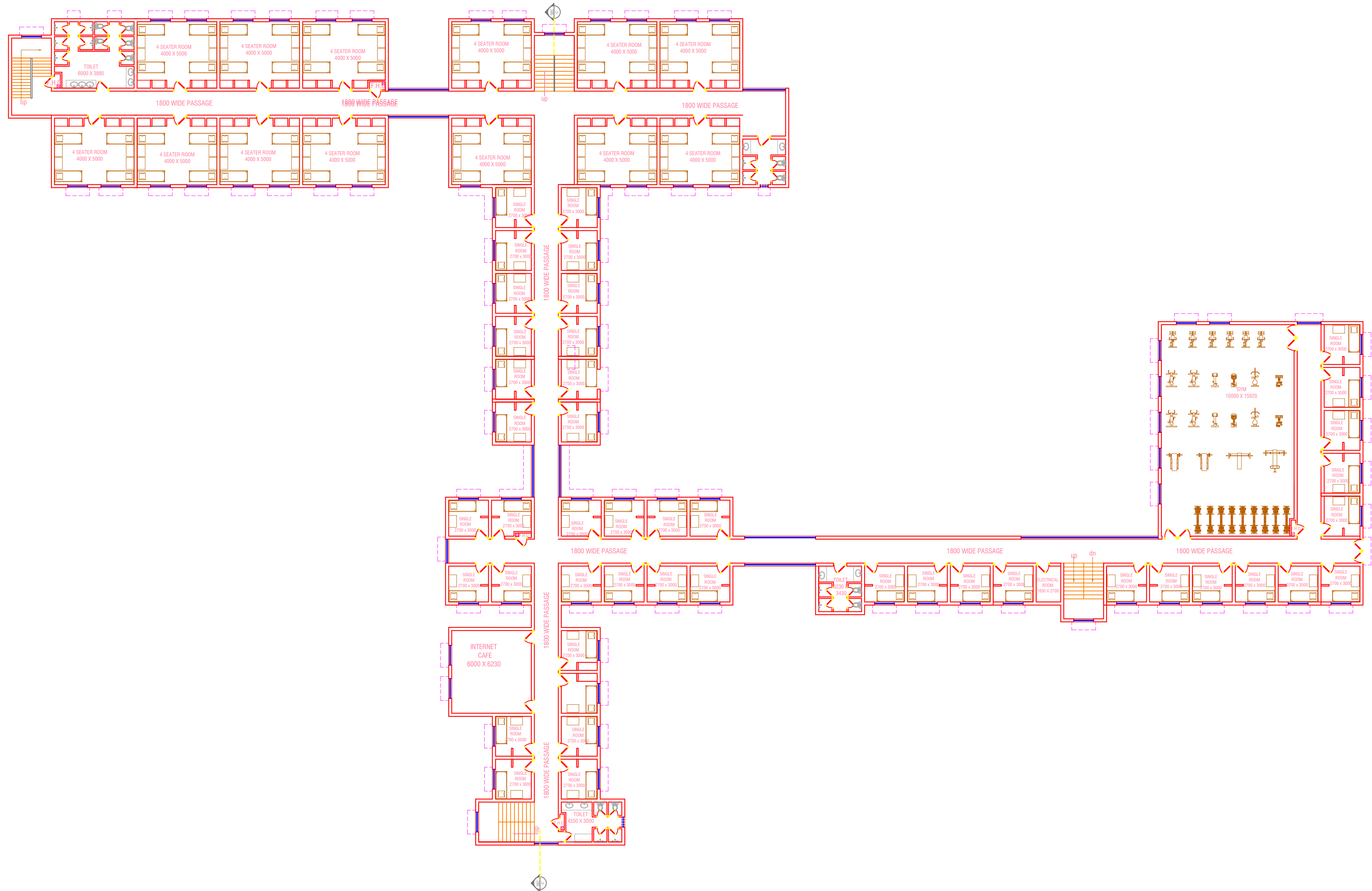
NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

DATE -16-05-2020

SIGN

SHEET NO.





THIRD FLOOR PLAN

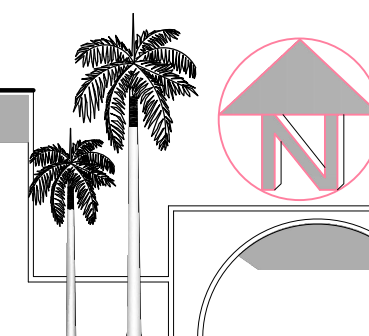
REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

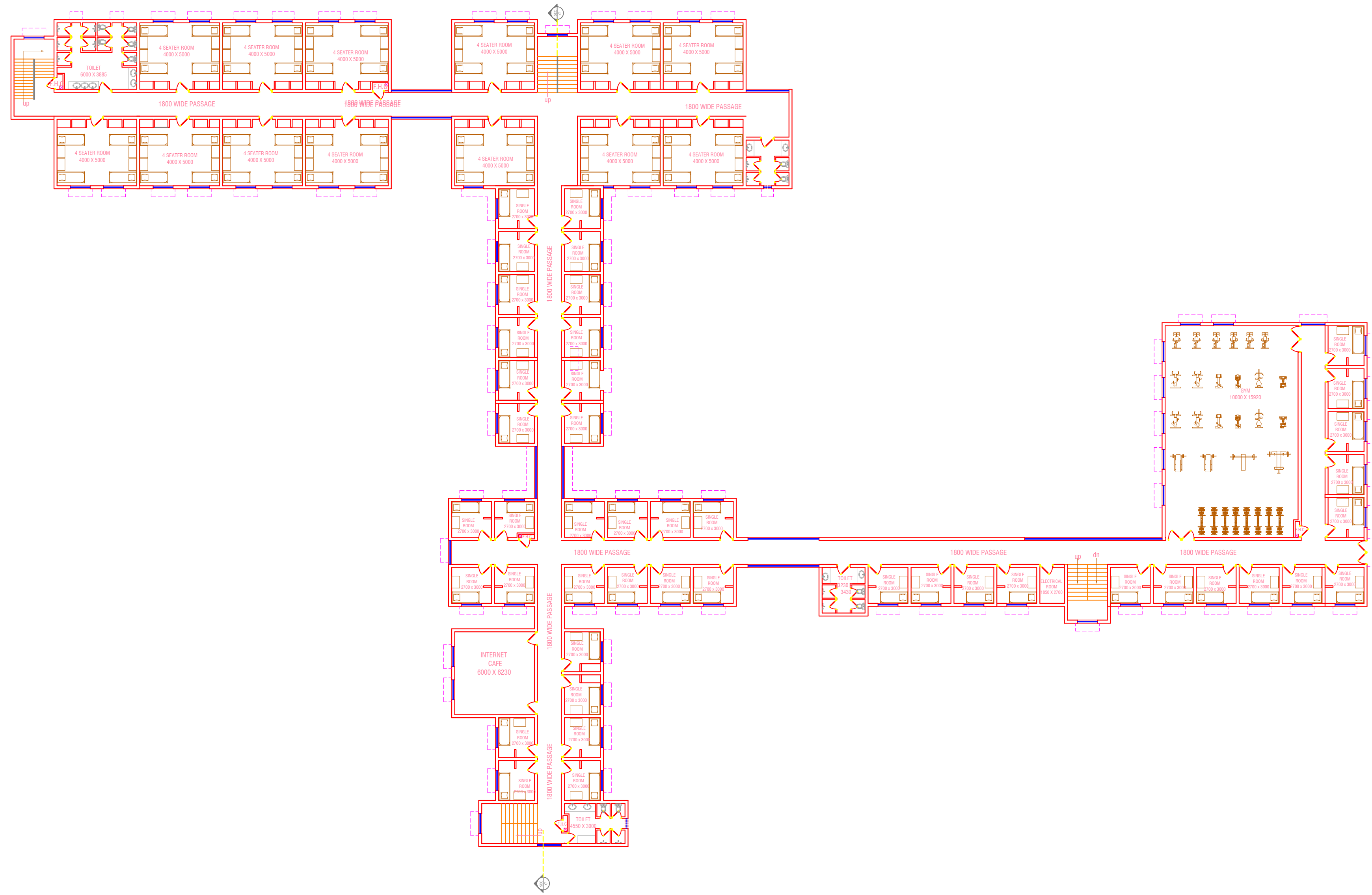
GIRLS HOSTEL
BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

DATE -16-05-2020 SIGN

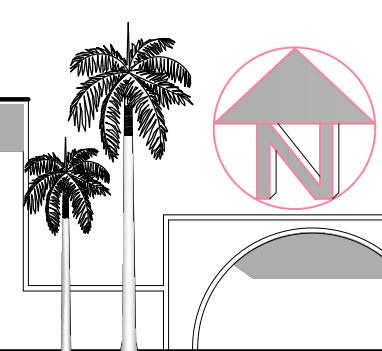
SHEET NO.





FROUTH FLOOR PLAN

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



SHEET NO.

GIRLS HOSTEL
BLOCK

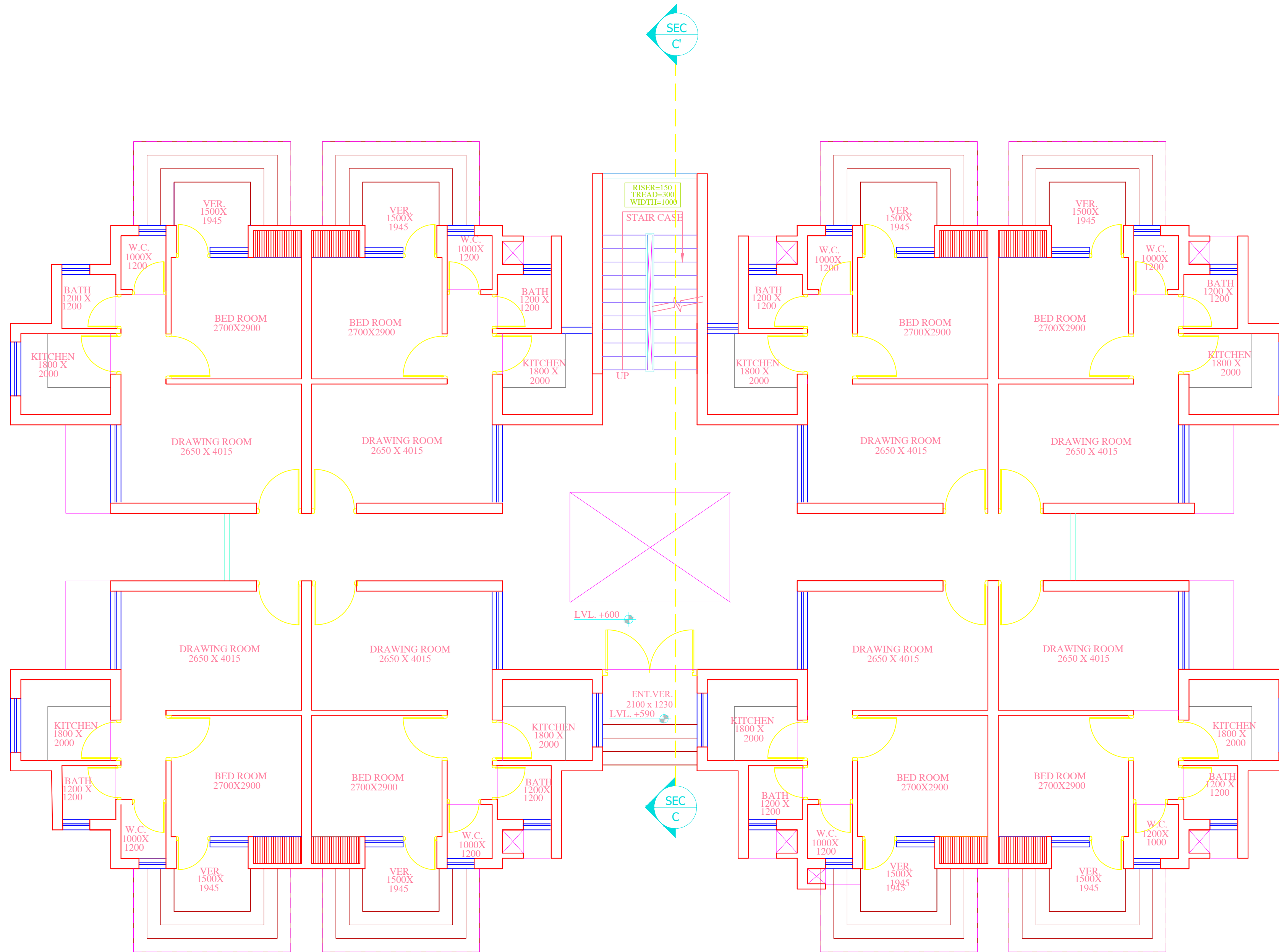
NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH

ROLL NO-1150101015
BABU BANARASI DAS LKO

DATE -16-05-2020

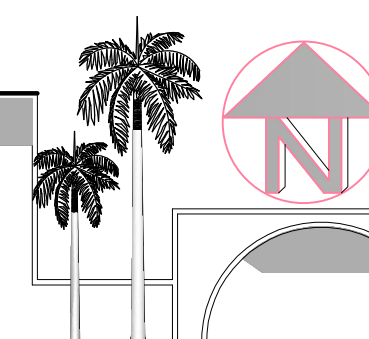
SIGN





GROUND FLOOR PLAN

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



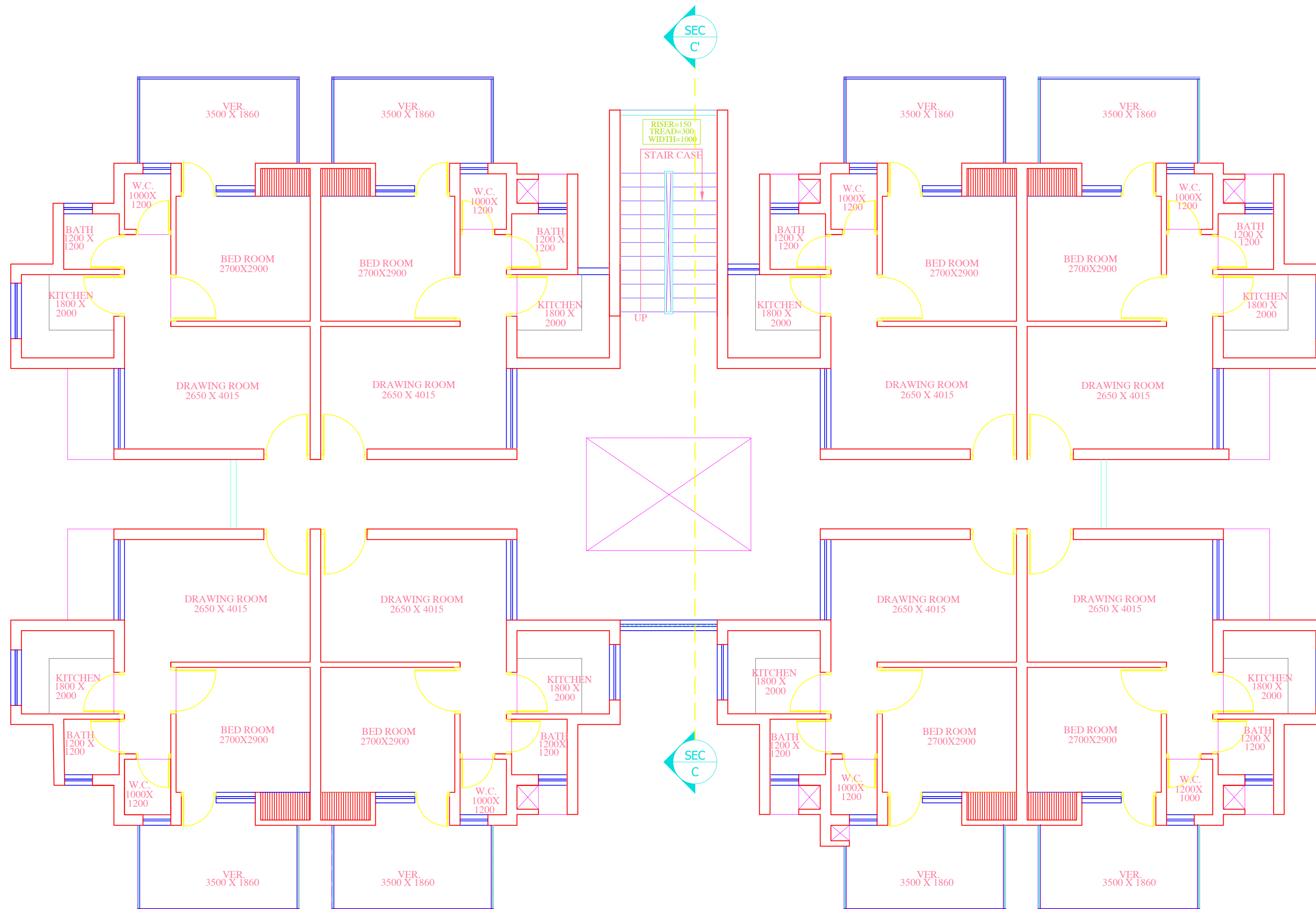
SHEET NO.

TYPE-1BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

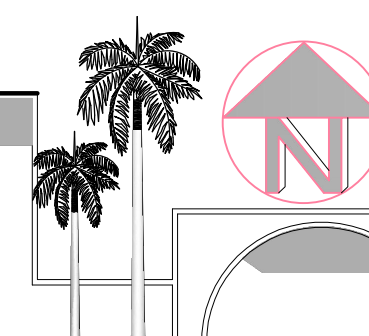
DATE -16-05-2020

SIGN



TYPICAL FLOOR PLAN

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



SHEET NO.

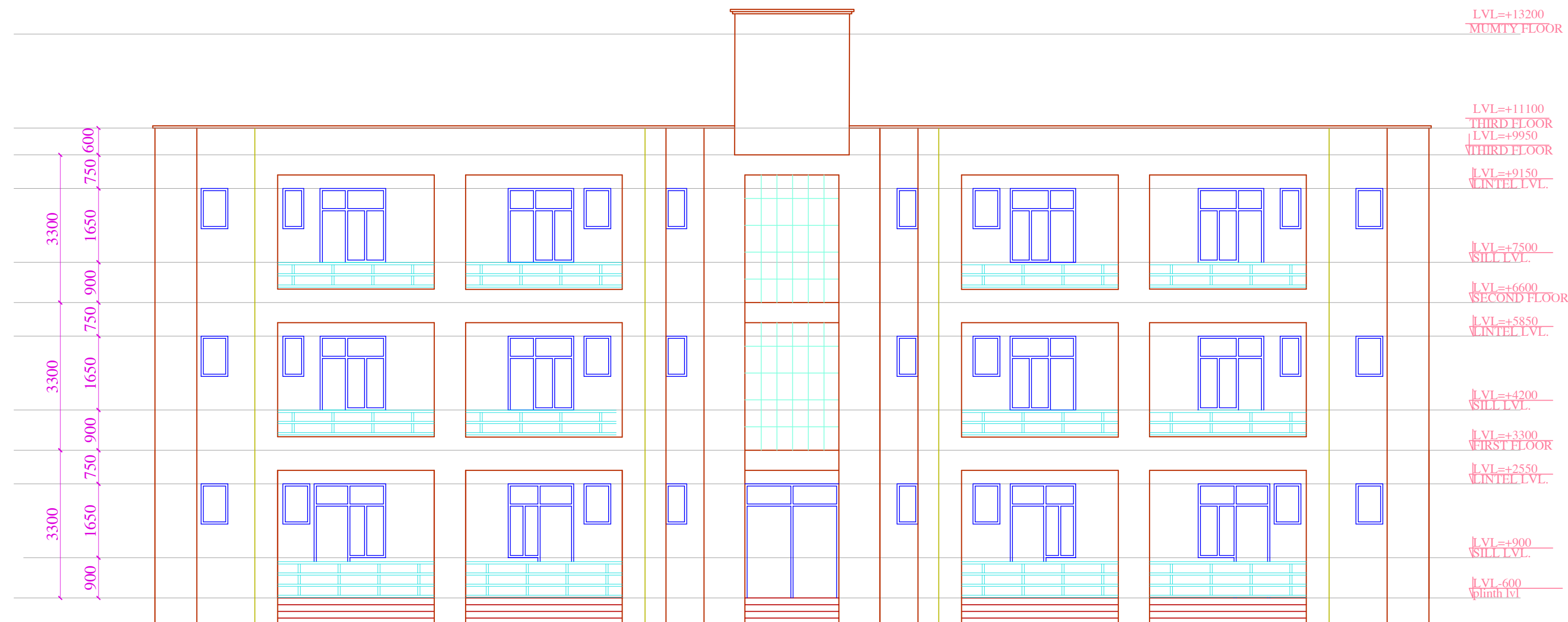
TYPE-1BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

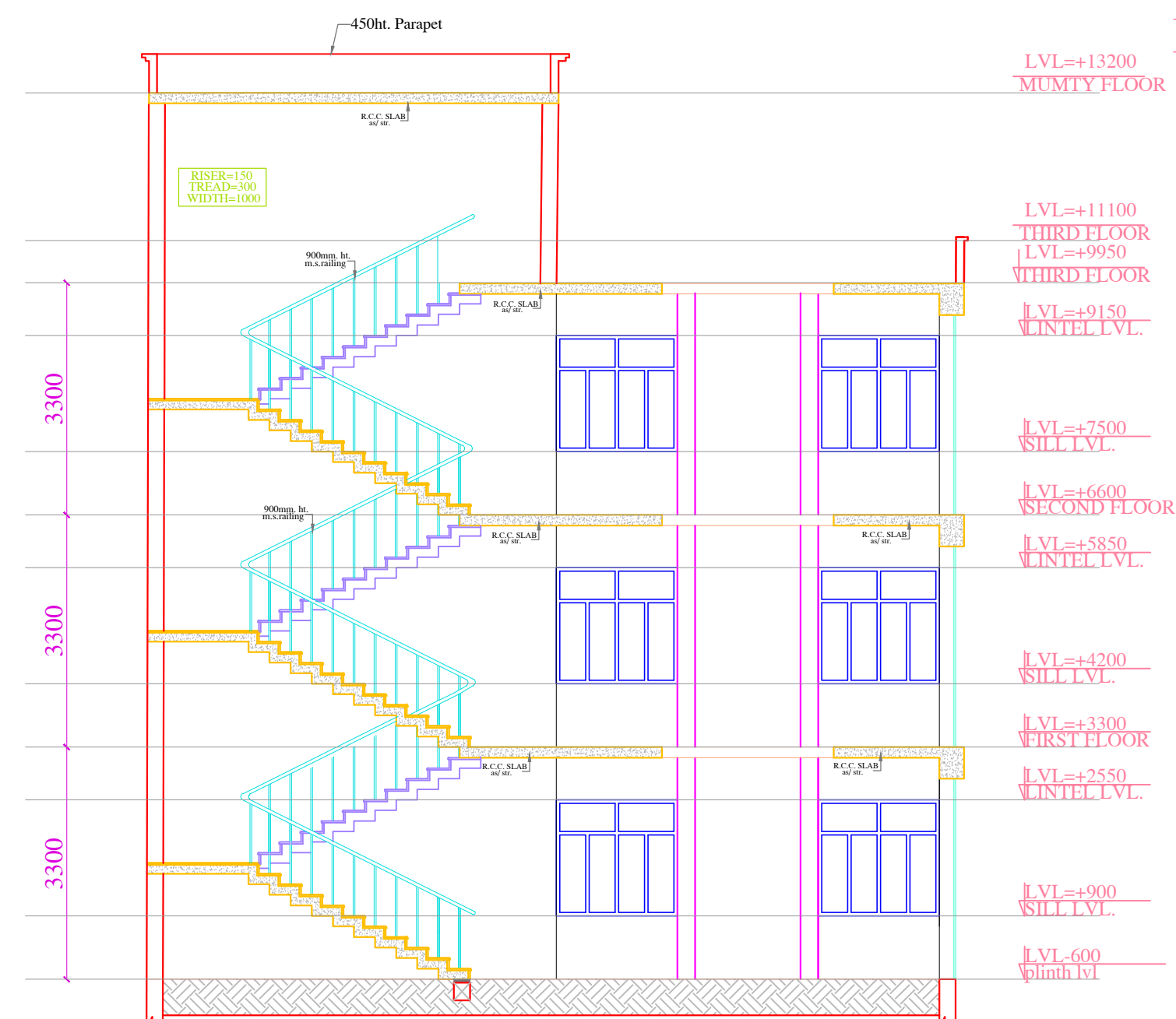
DATE -16-05-2020

SIGN



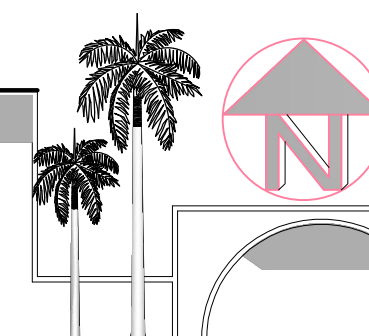


FRONT ELEVATION

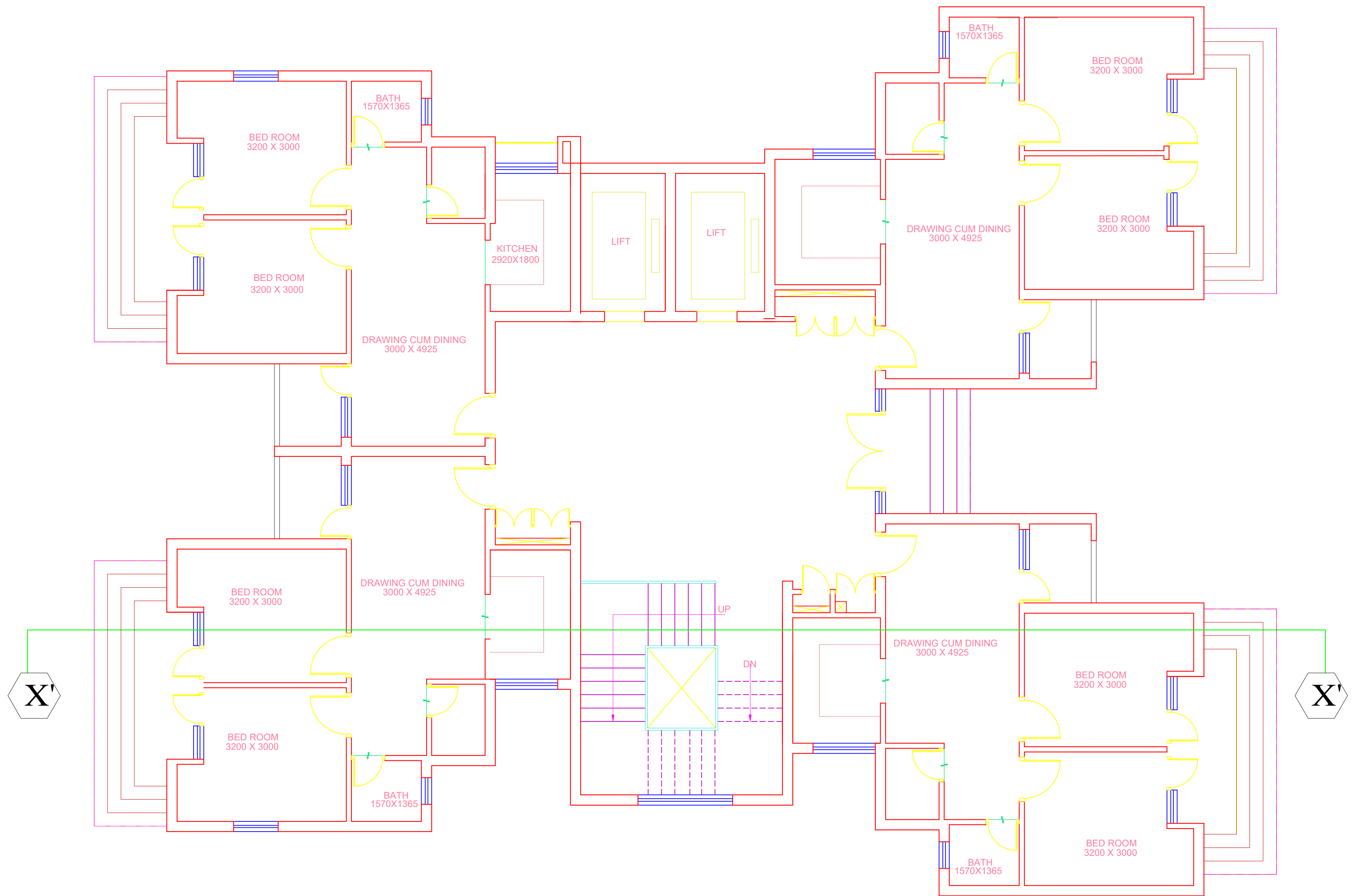


SECTION C-C'

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

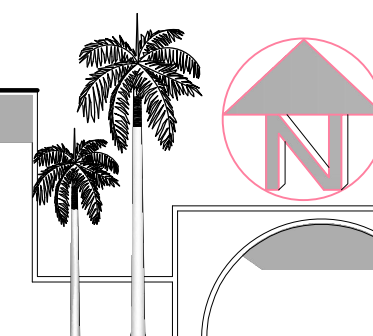


TYPE-1BLOCK	
NAME-ANKITA SINGH	
SECTION-AR5-2	
B.ARCH	
ROLL NO-1150101015	
BABU BANARASI DAS LKO	
DATE -16-05-2020	SIGN

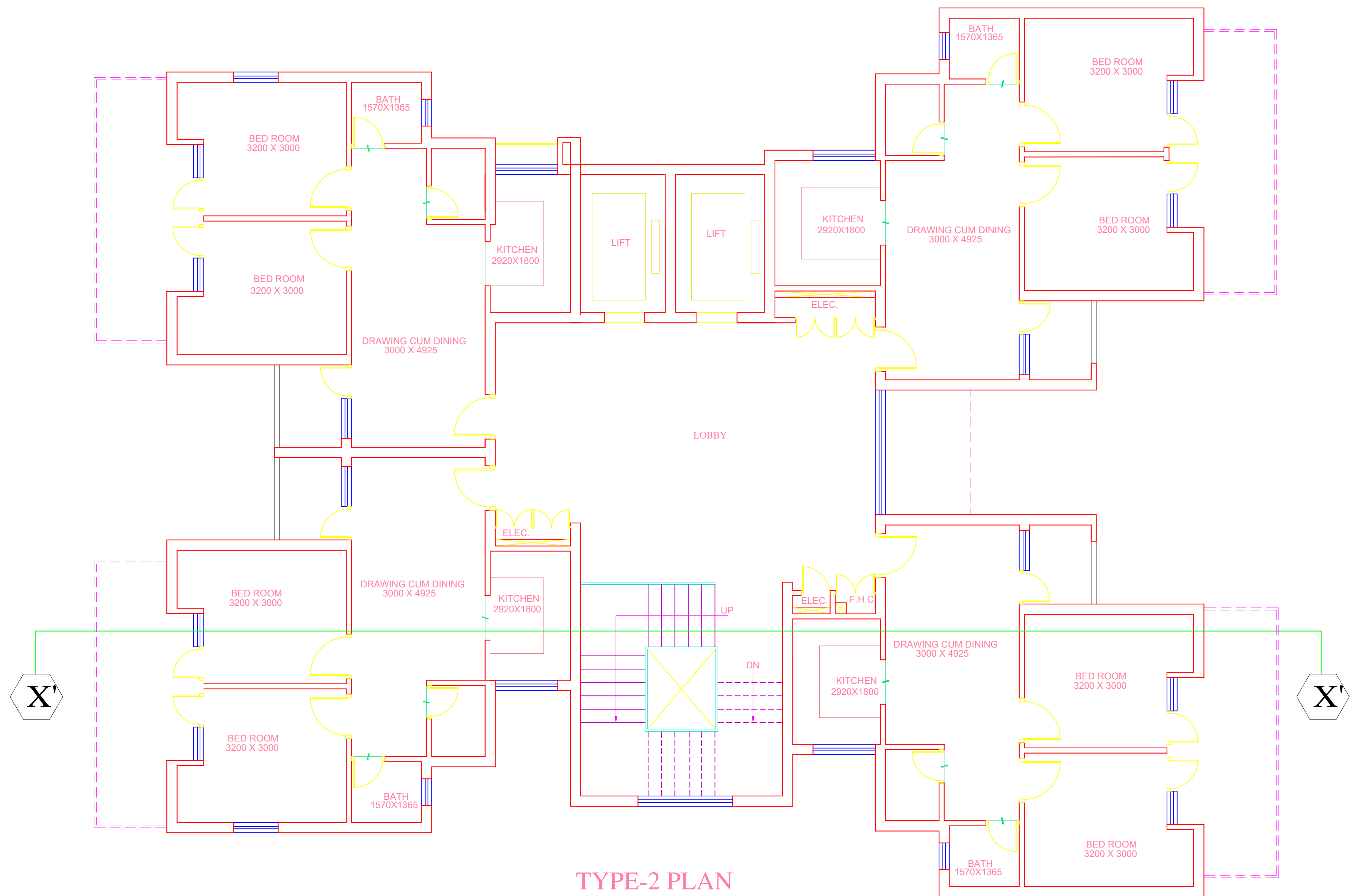


GROUND FLOOR PLAN

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

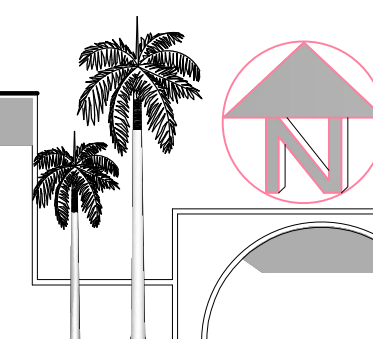


TYPE-2BLOCK	
NAME-ANKITA SINGH	
SECTION-AR5-2	
B.ARCH	
ROLL NO-1150101015	
BABU BANARASI DAS LKO	
DATE -16-05-2020	SIGN



TYPE-2 PLAN

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



SHEET NO.

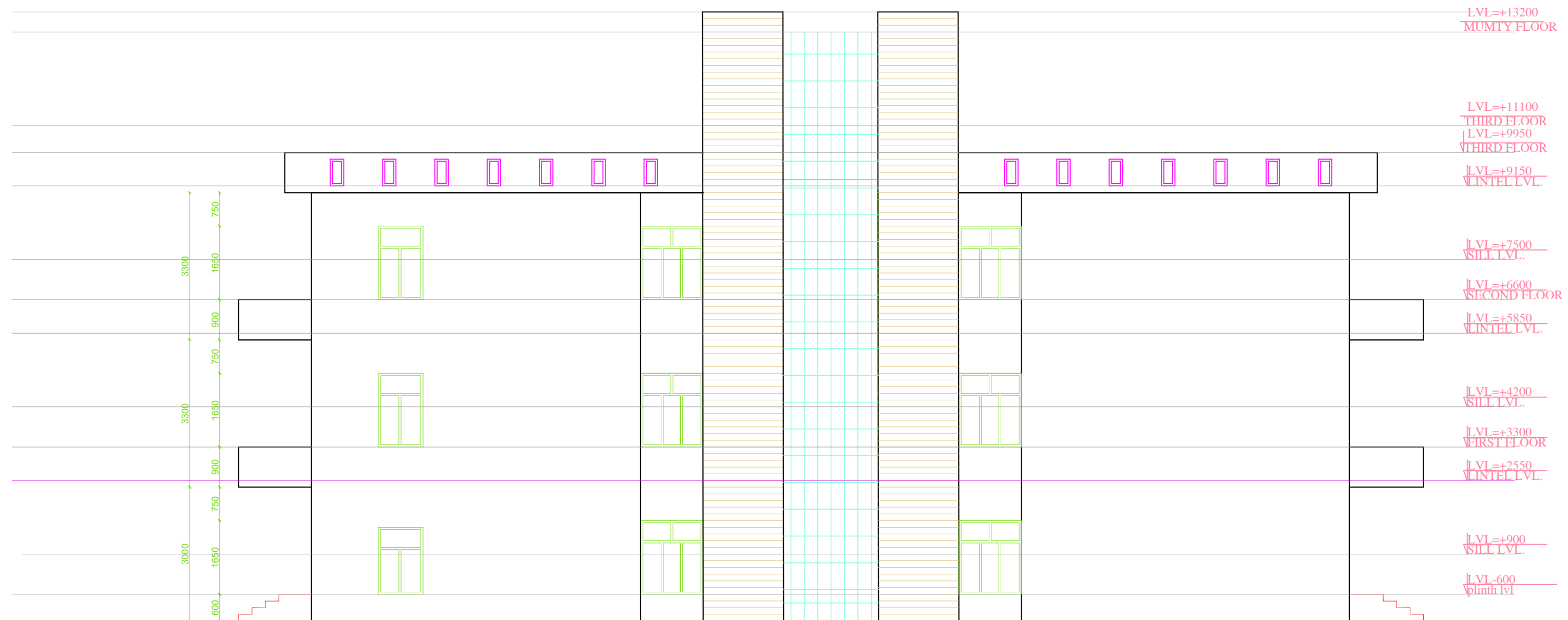
TYPE-2BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

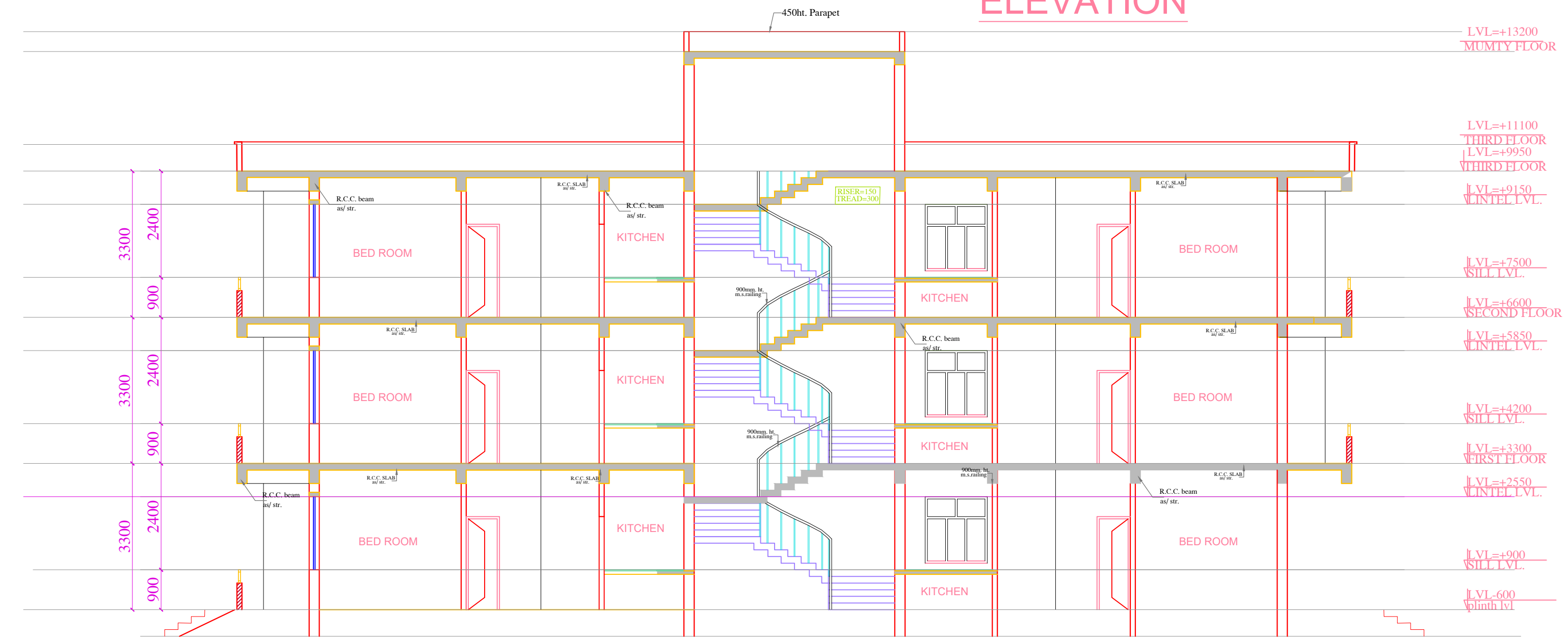
DATE -16-05-2020

SIGN



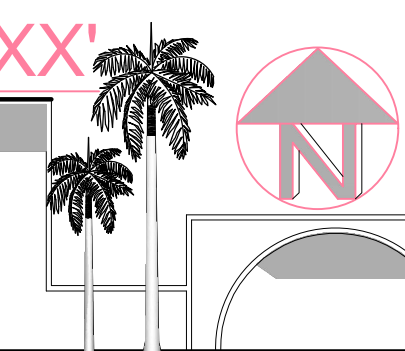


ELEVATION

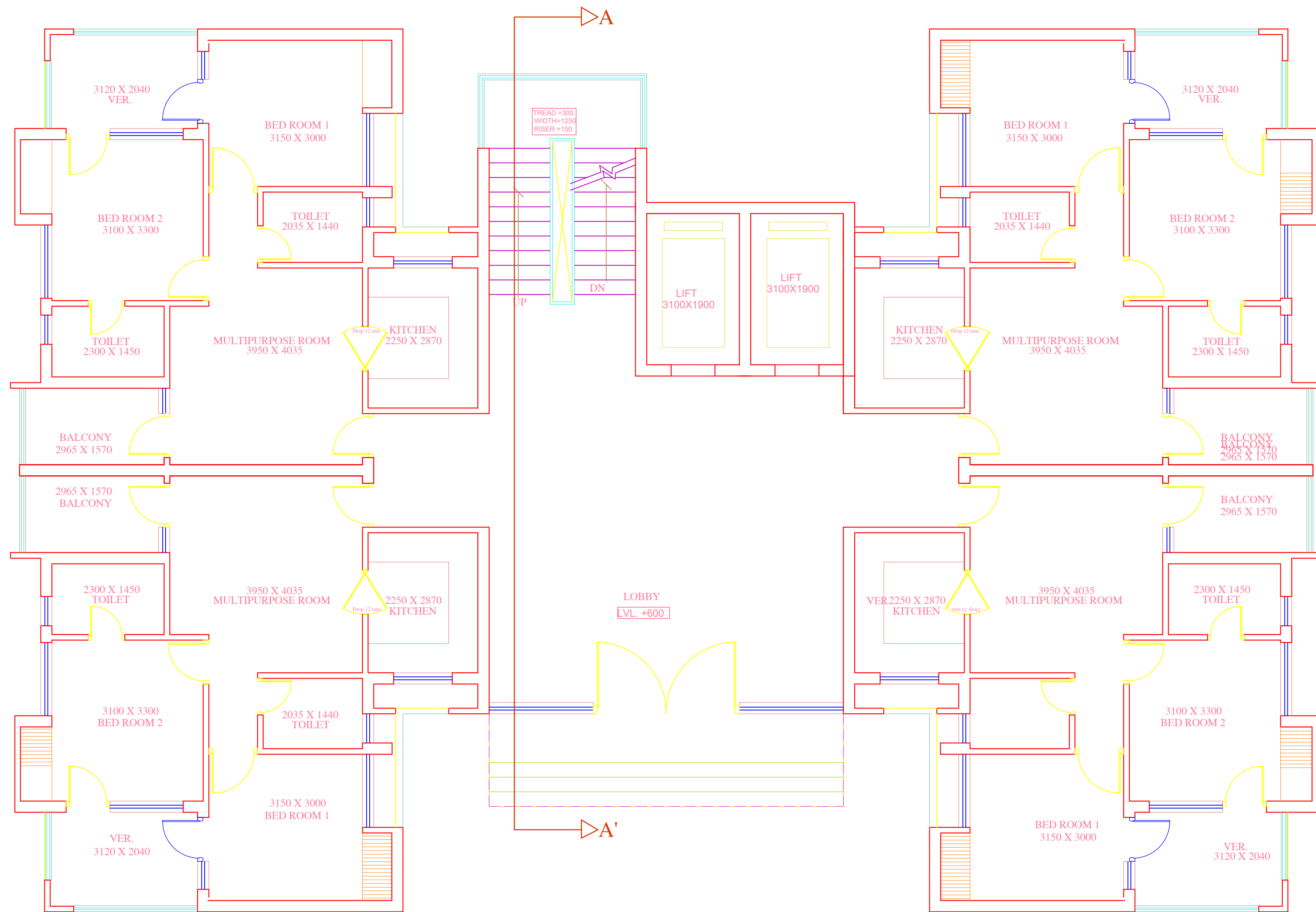


SECTION-XX'

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

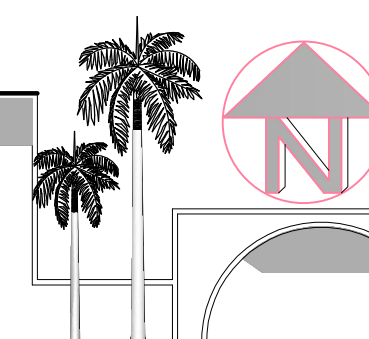


TYPE-2BLOCK	
NAME-ANKITA SINGH	
SECTION-AR5-2	
B.ARCH	
ROLL NO-1150101015	
BABU BANARASI DAS LKO	
DATE -16-05-2020	SIGN

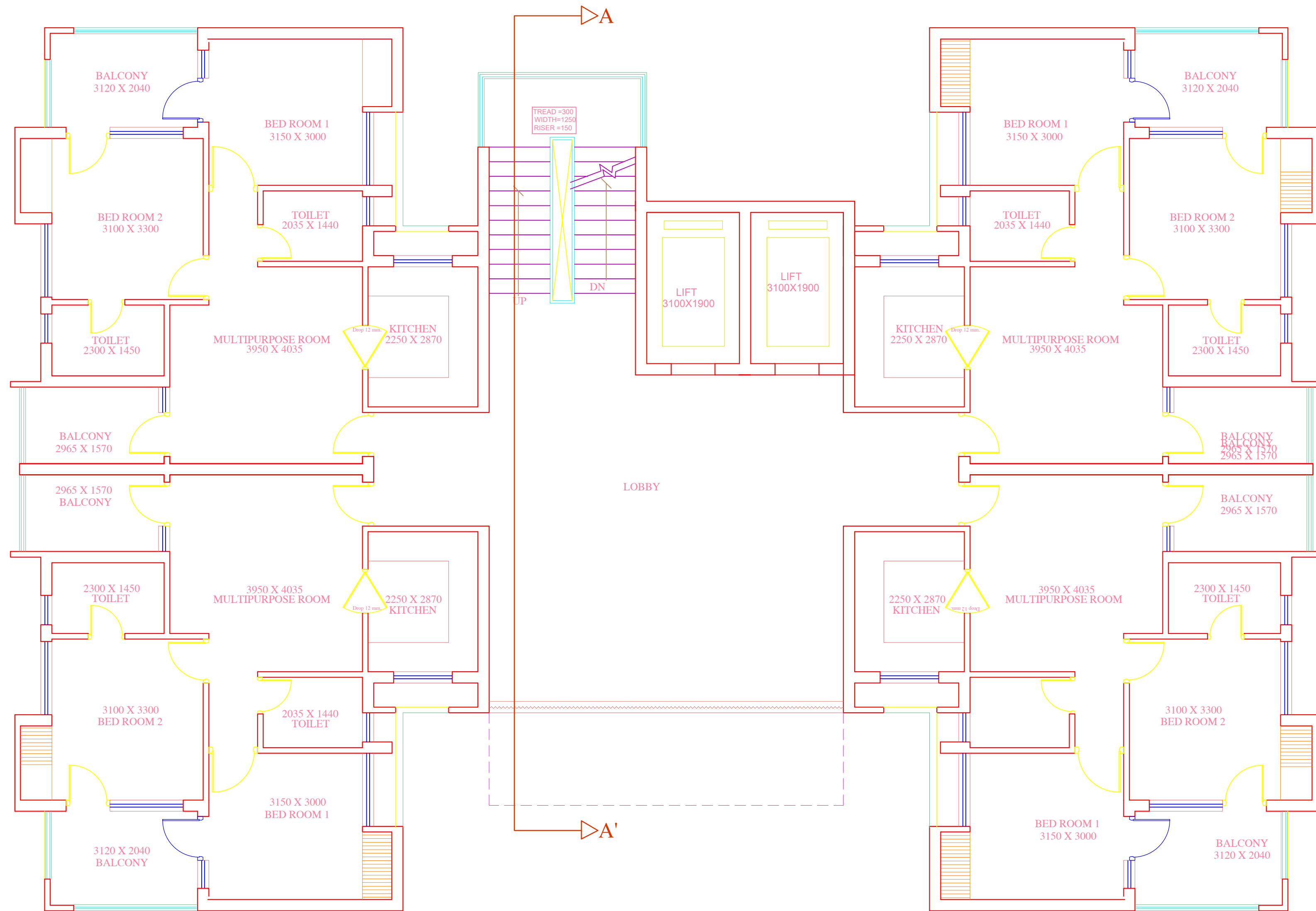


GROUND FLOOR PLAN

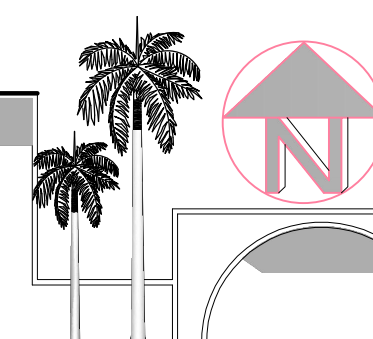
REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



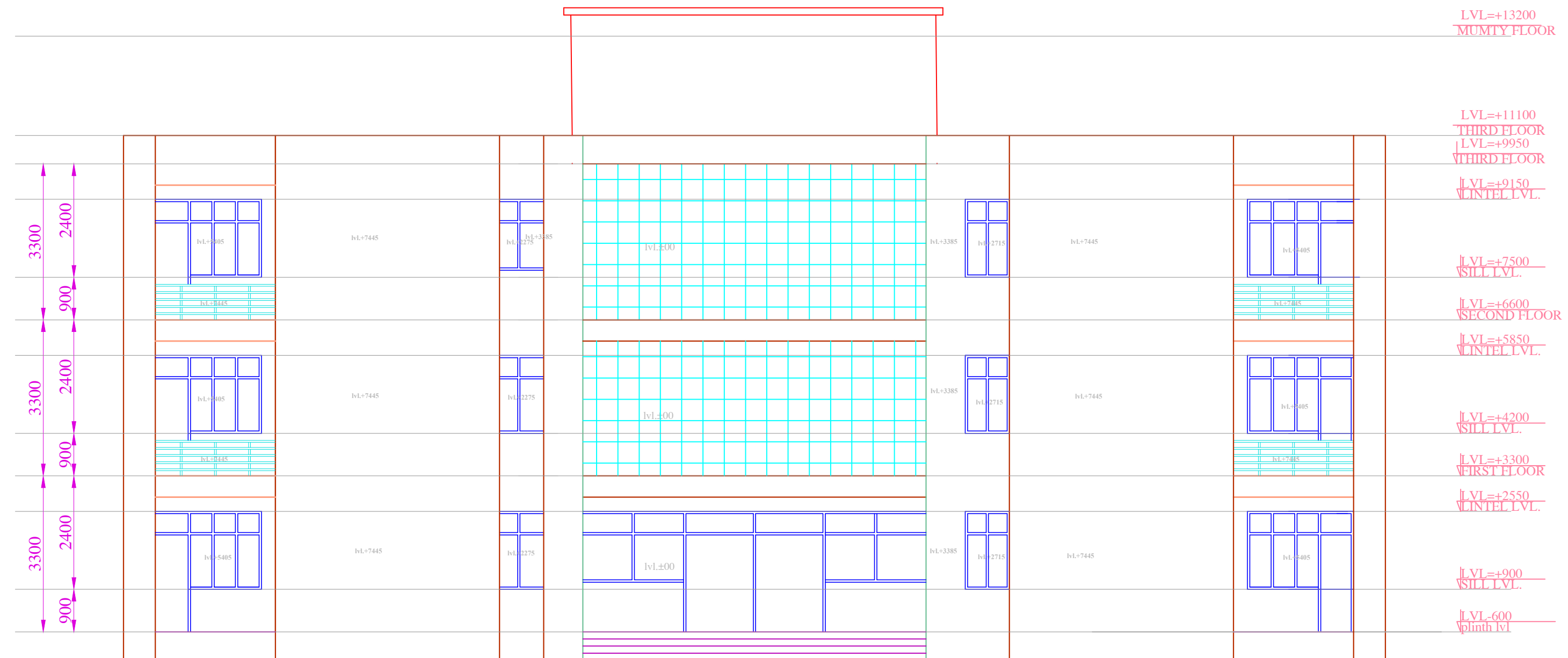
TYPE-3BLOCK	
NAME-ANKITA SINGH	
SECTION-AR5-2	
B.ARCH	
ROLL NO-1150101015	
BABU BANARASI DAS LKO	
DATE -16-05-2020	SIGN



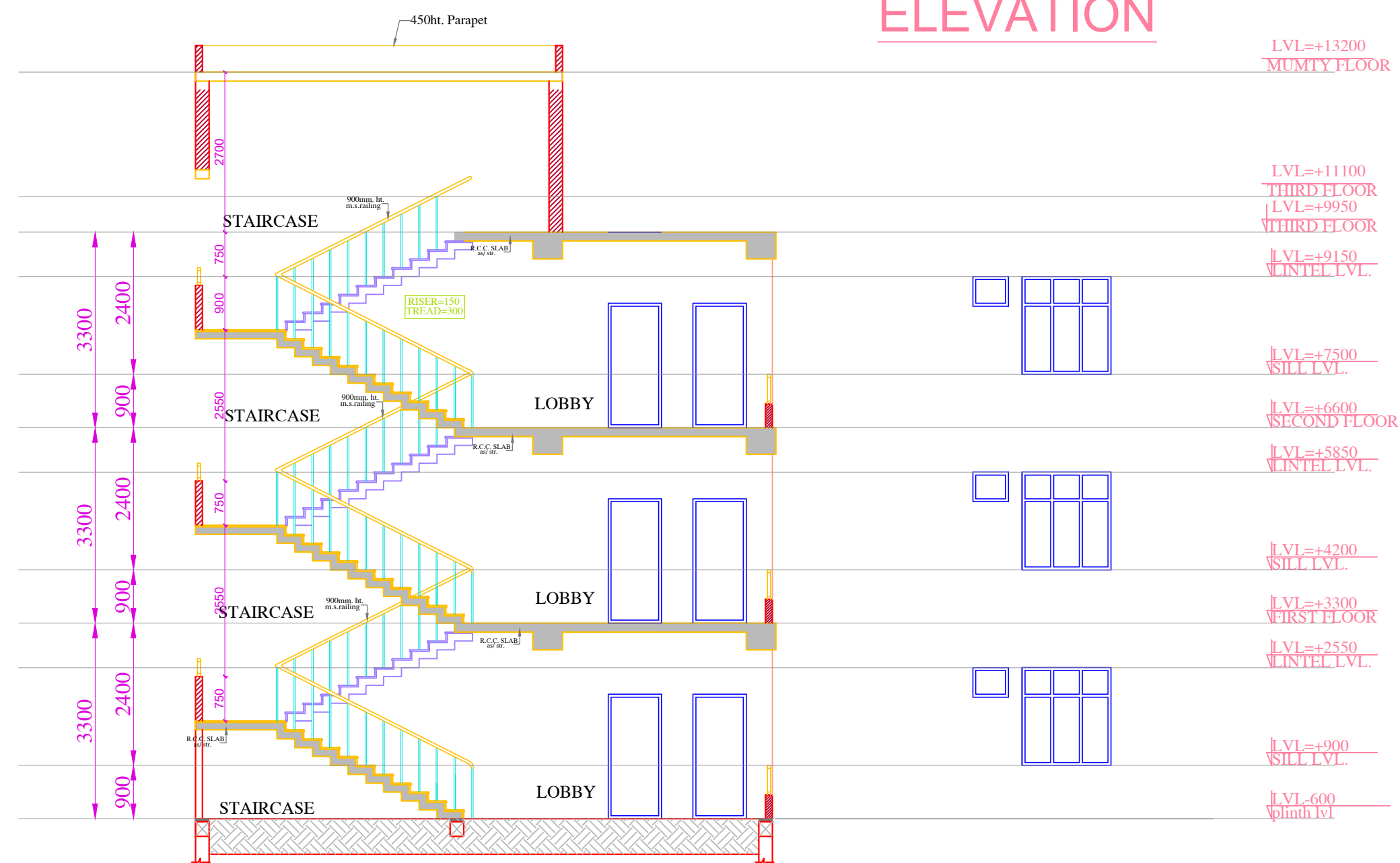
REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



TYPE-3BLOCK	
NAME-ANKITA SINGH	
SECTION-AR5-2	
B.ARCH	
ROLL NO-1150101015	
BABU BANARASI DAS LKO	
DATE -16-05-2020	SIGN

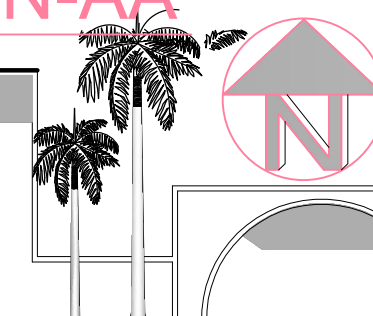


ELEVATION



SECTION-AA'

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



SHEET NO.

TYPE-3BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

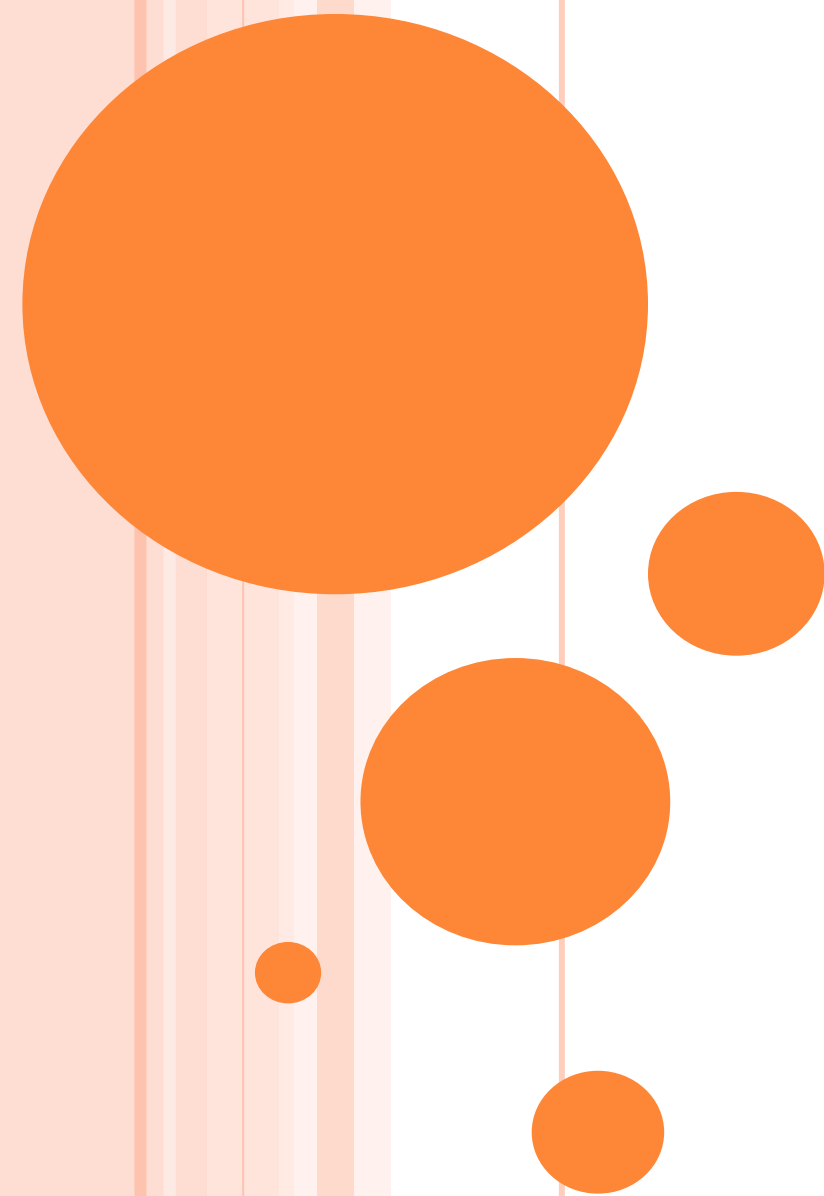
DATE -16-05-2020

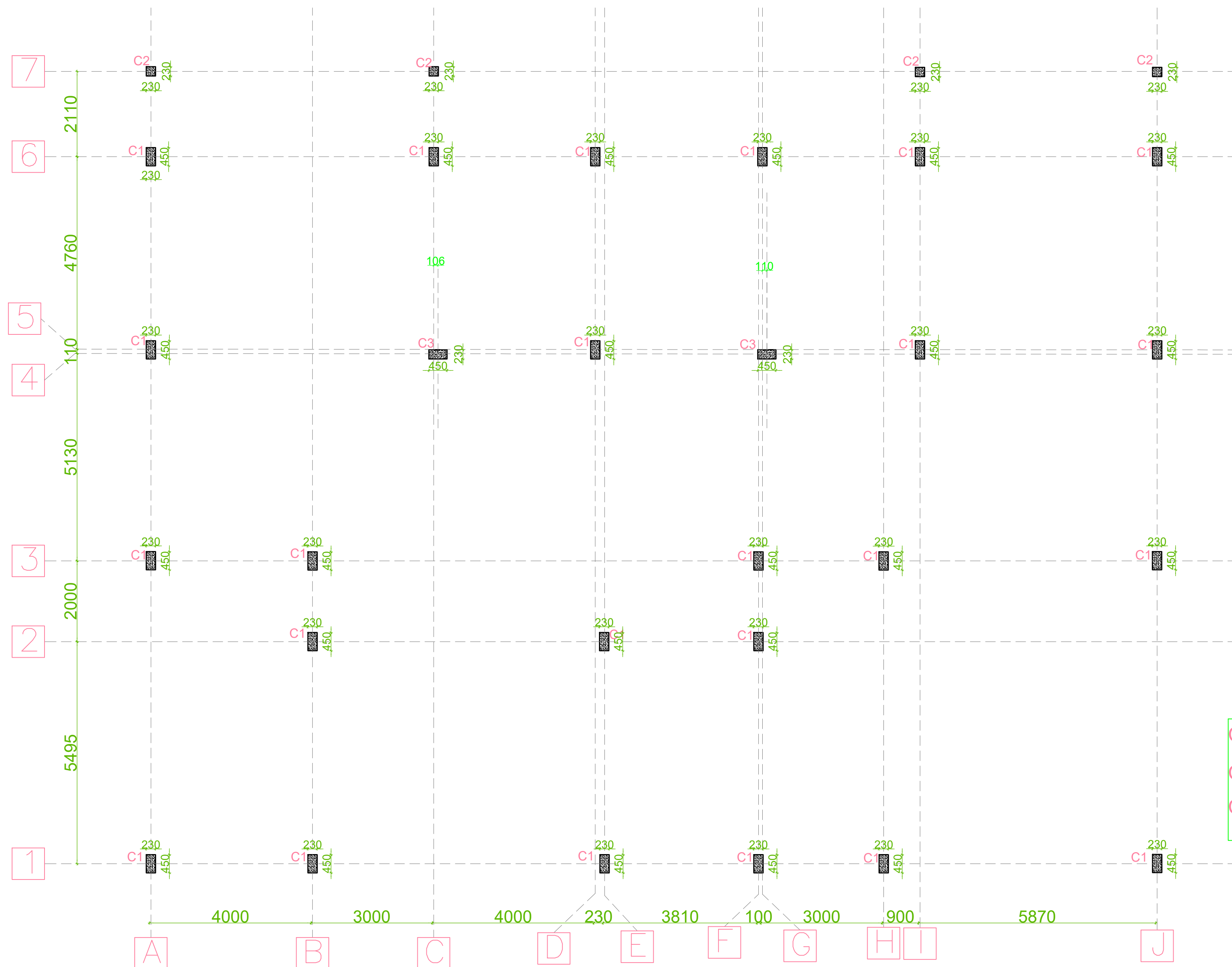
SIGN



ELECTIVE-1

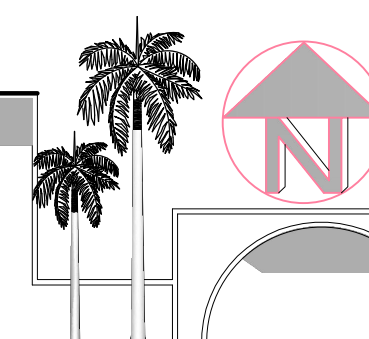
(ADMIN BLOCK)





GRID PLAN

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



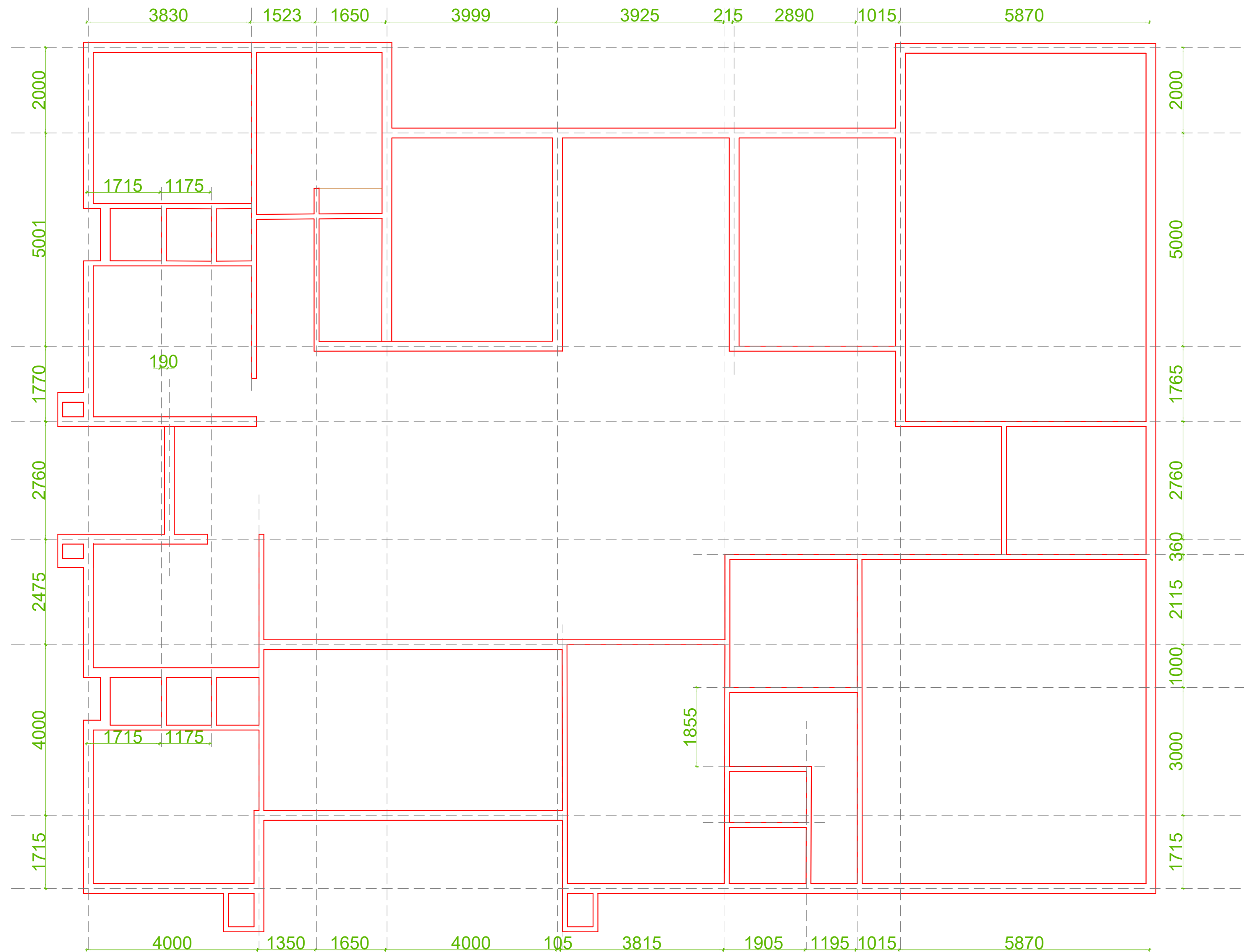
ADMIN BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

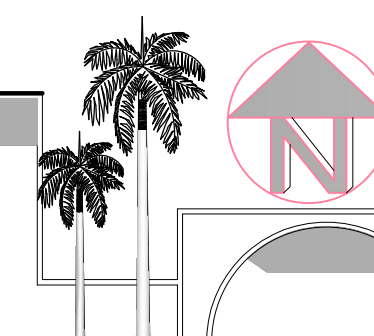
SHEET NO.

DATE -16-05-2020

SIGN



REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



SHEET NO.

ADMIN BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

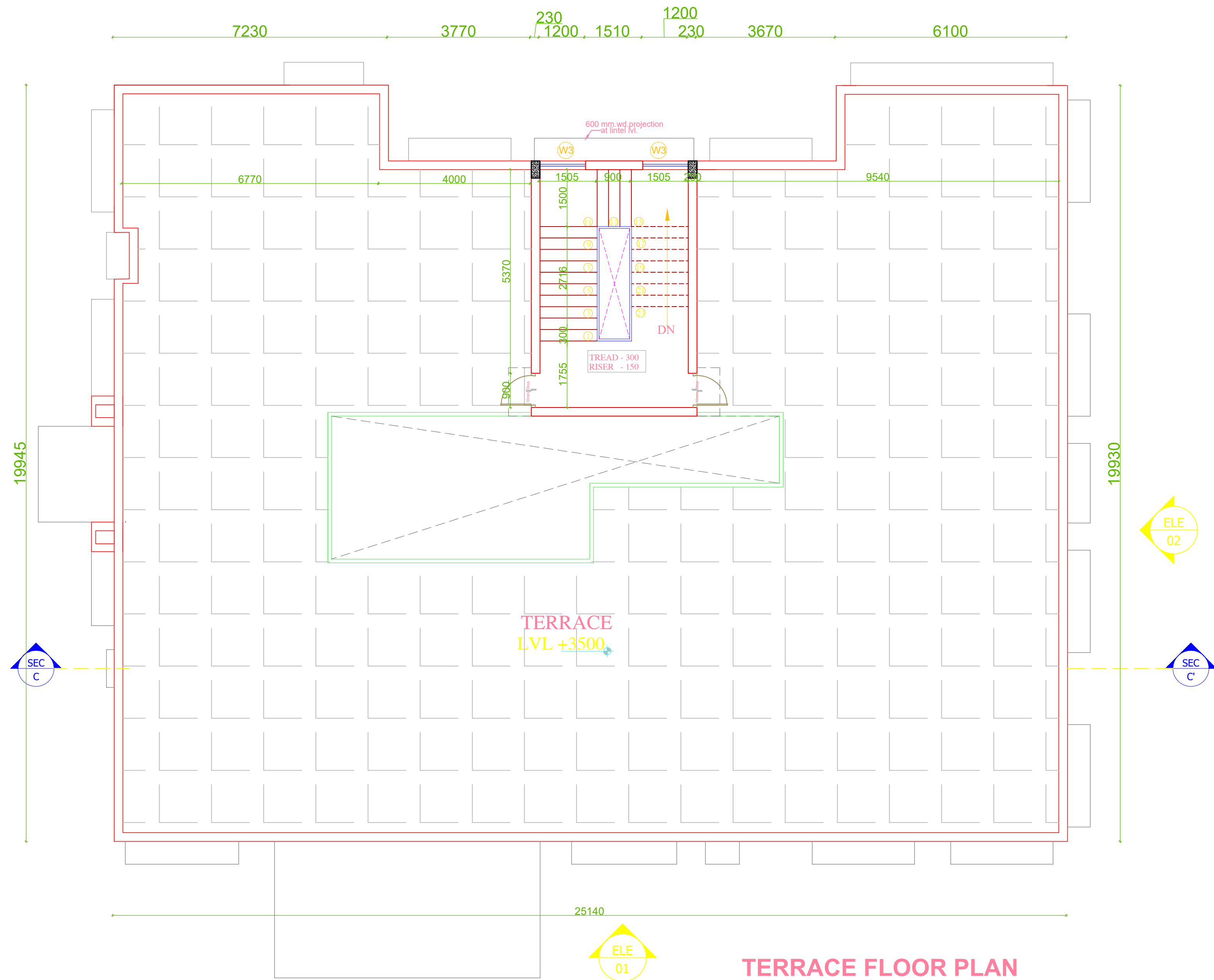
DATE -16-05-2020

SIGN



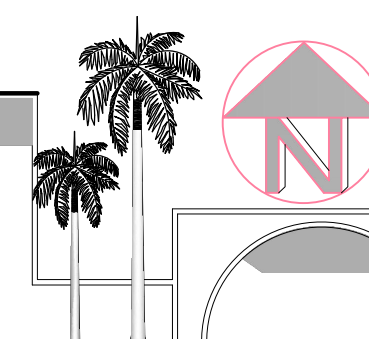


SIGN

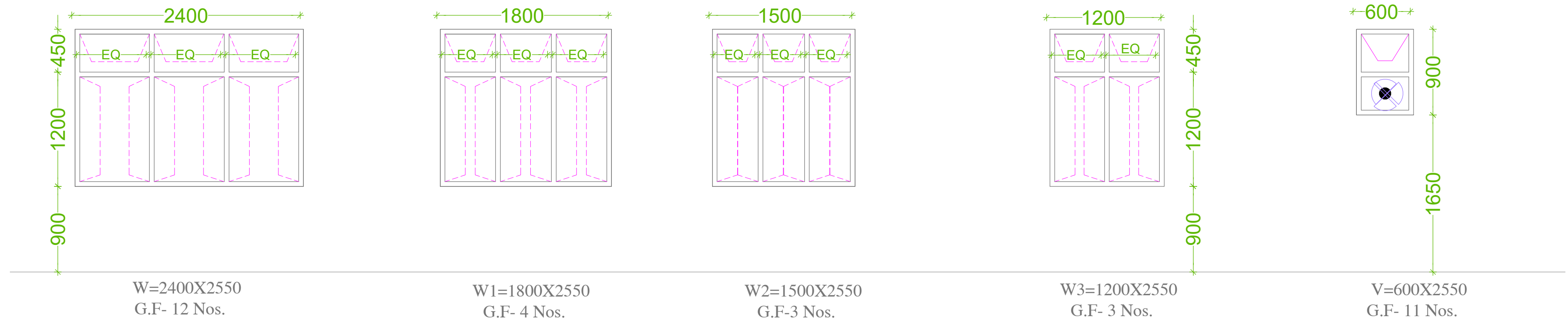
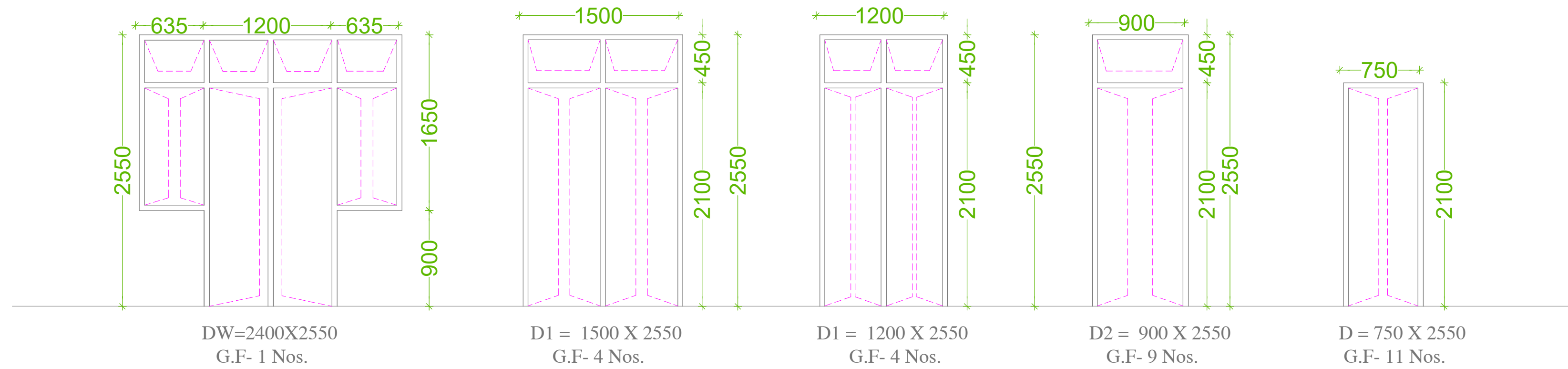


TERRACE FLOOR PLAN

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



ADMIN BLOCK	
NAME-ANKITA SINGH	
SECTION-AR5-2	
B.ARCH	
ROLL NO-1150101015	
BABU BANARASI DAS LKO	
DATE -16-05-2020	SIGN



DOOR & WINDOW SCHEDULE

DOORS & WINDOWS SCHEDULES						
s.no.	type	size	lintel	sill	total no.	remarks
1.	DW	2520x 2550	2550		01	Door
2.	D1	1500 X 2550	2550		04	Door
3.	D2	1200 X 2550	2550		09	Door
4.	D3	900 X 2550	2550		11	Door
5.	D4	750 X 2100	2100			
6.	W	2400x 2550	2550	900	03	WINDOW
7.	W1	1800 X 2550	2550	900	07	WINDOW
8.	W2	1500 X 2550	2550	900	03	WINDOW
9.	V	600 X 2550	2550	900	11	VENTILATOR

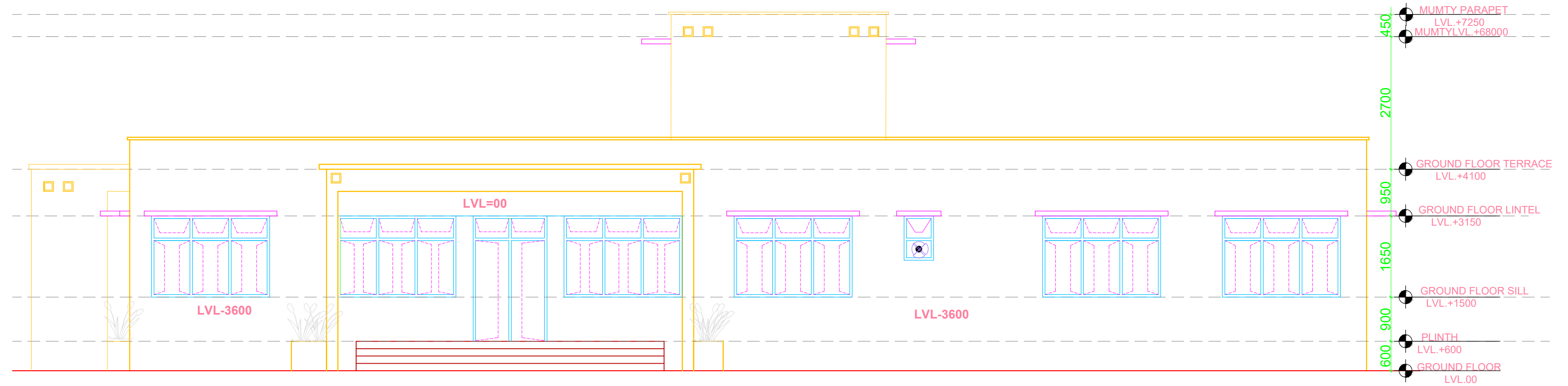
REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

ADMIN BLOCK

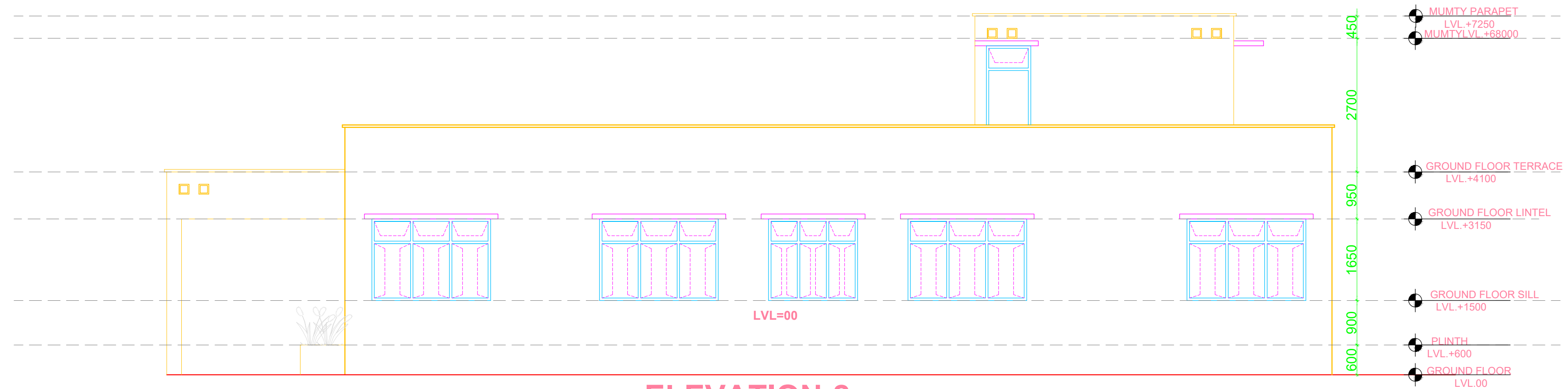
NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

DATE -16-05-2020 SIGN

SHEET NO.

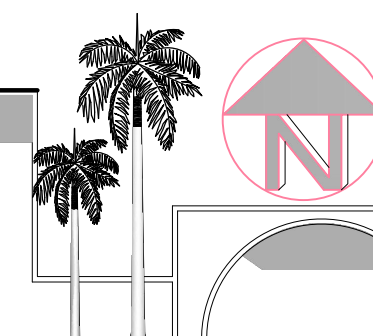


ELEVATION-1

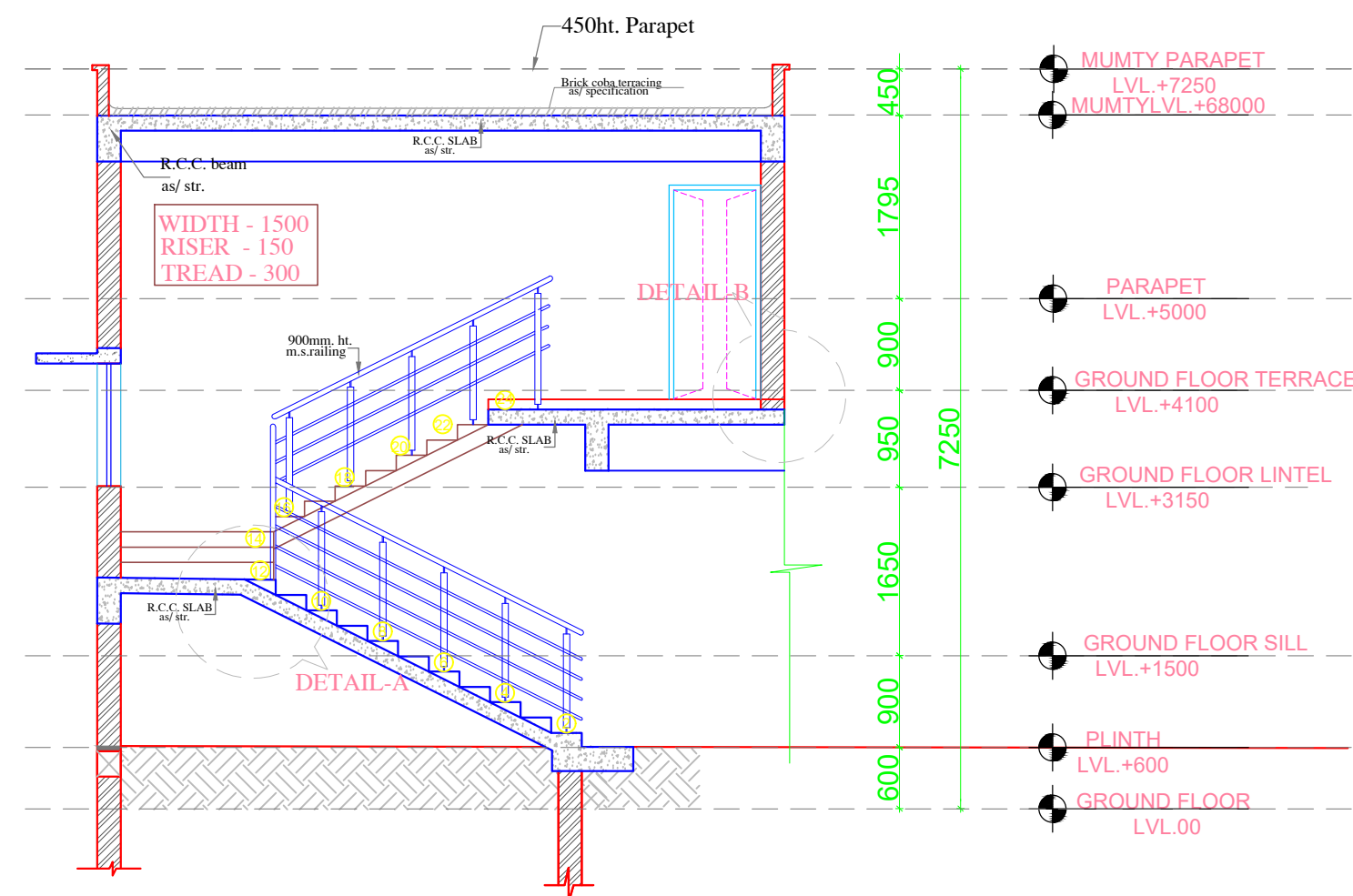


ELEVATION-2

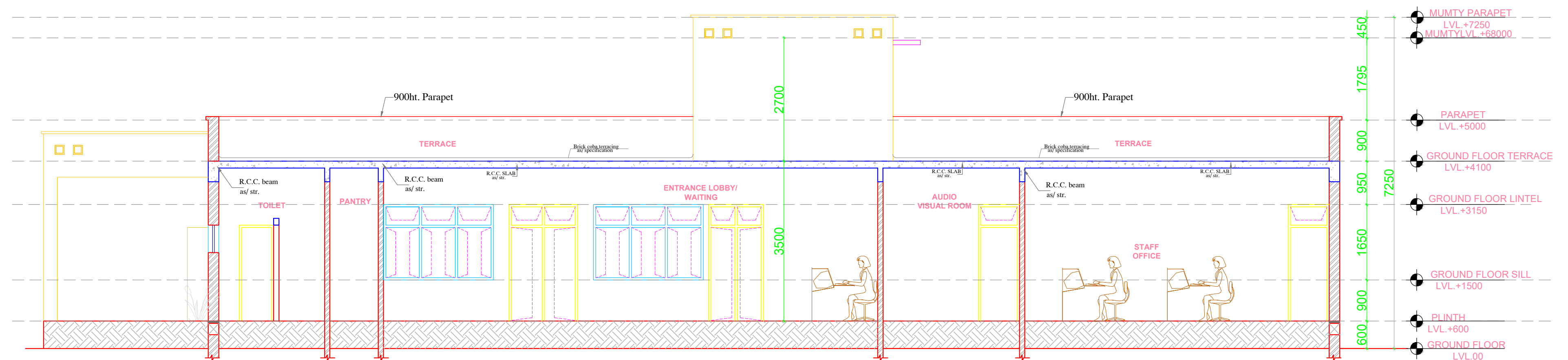
REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



ADMIN BLOCK	
NAME-ANKITA SINGH	
SECTION-AR5-2	
B.ARCH	
ROLL NO-1150101015	
BABU BANARASI DAS LKO	
DATE -16-05-2020	SIGN

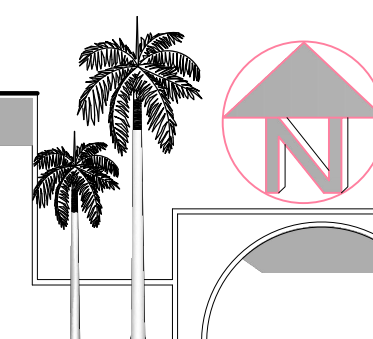


SECTION B-B'



SECTION C-C'

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



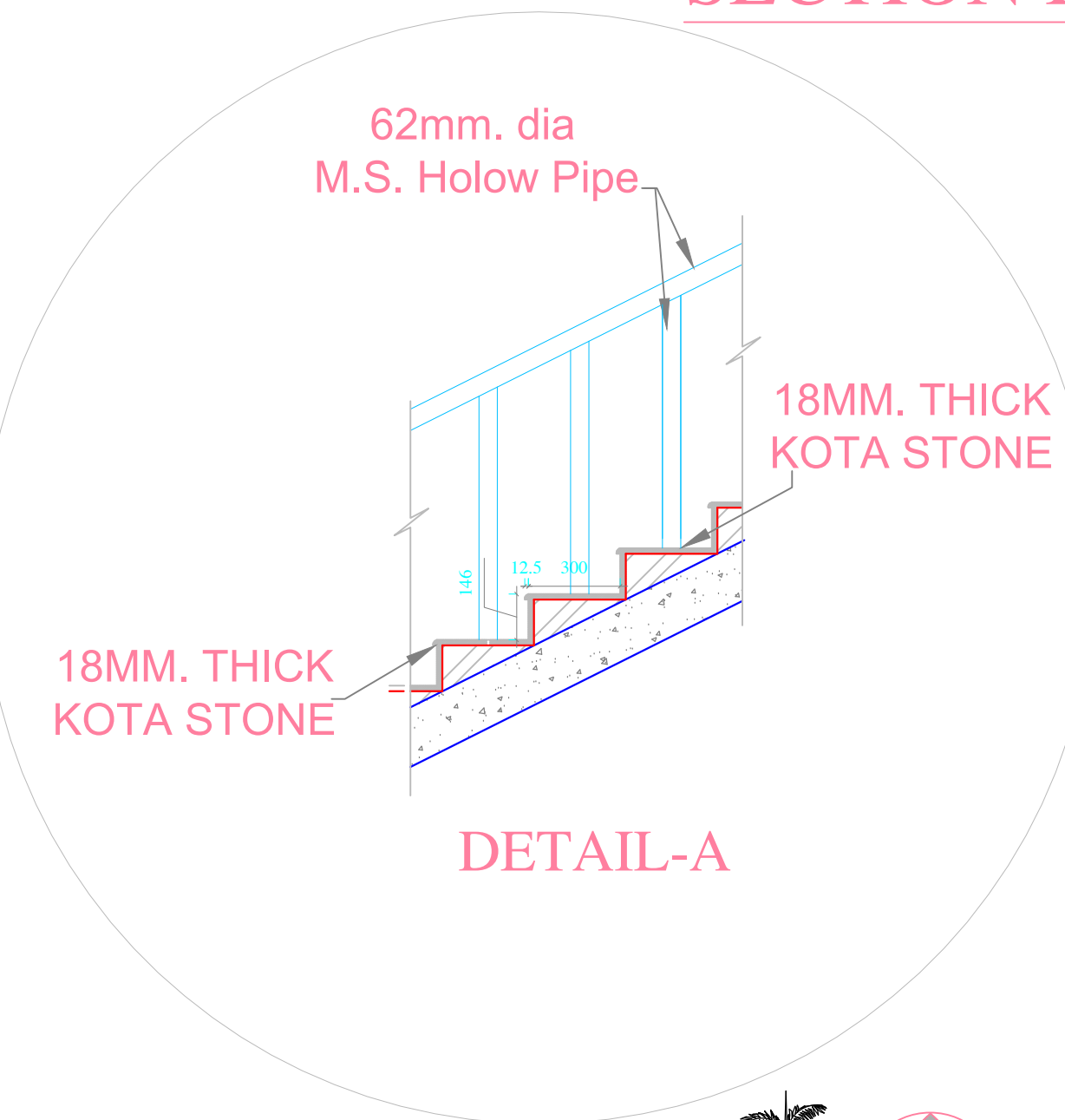
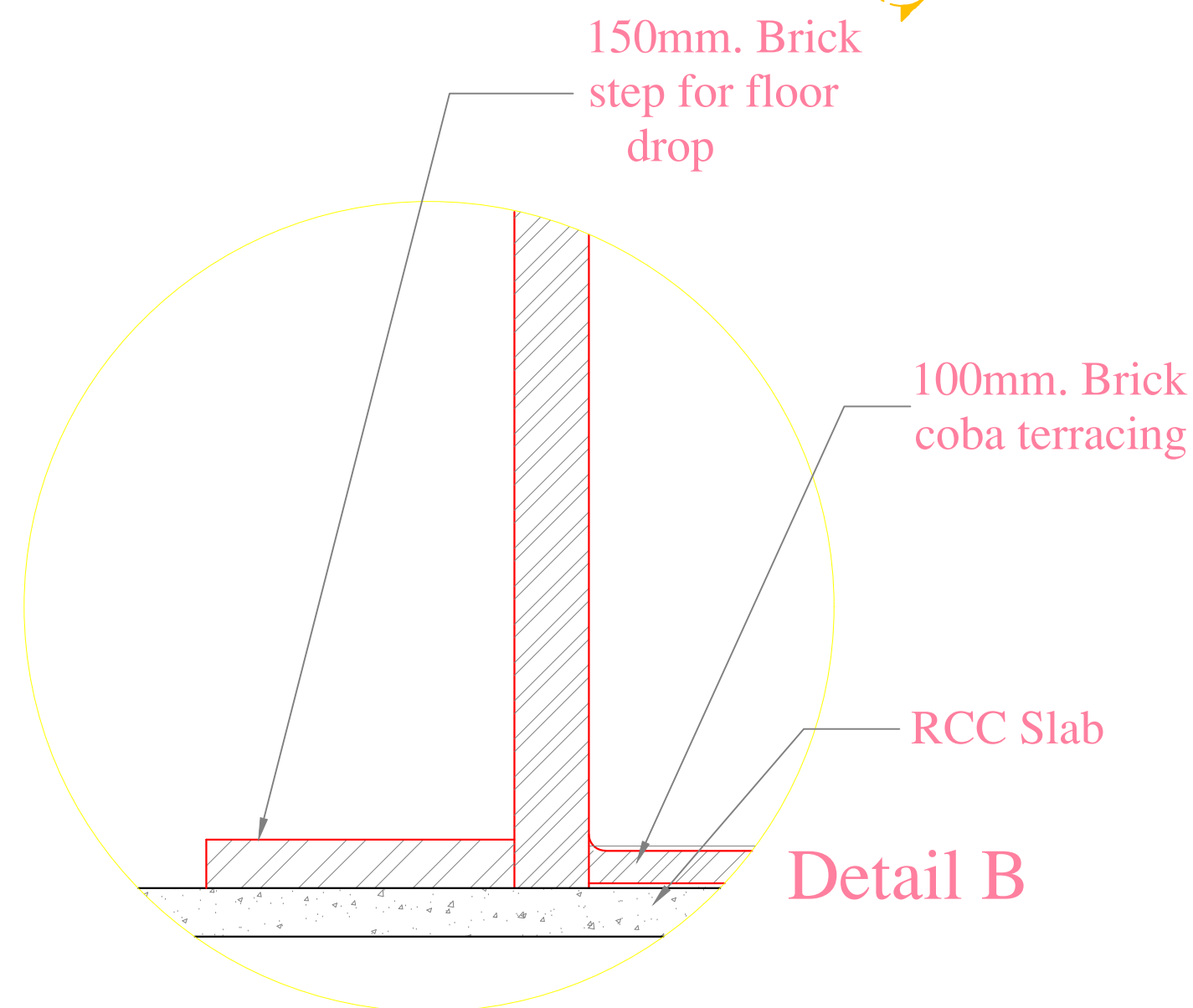
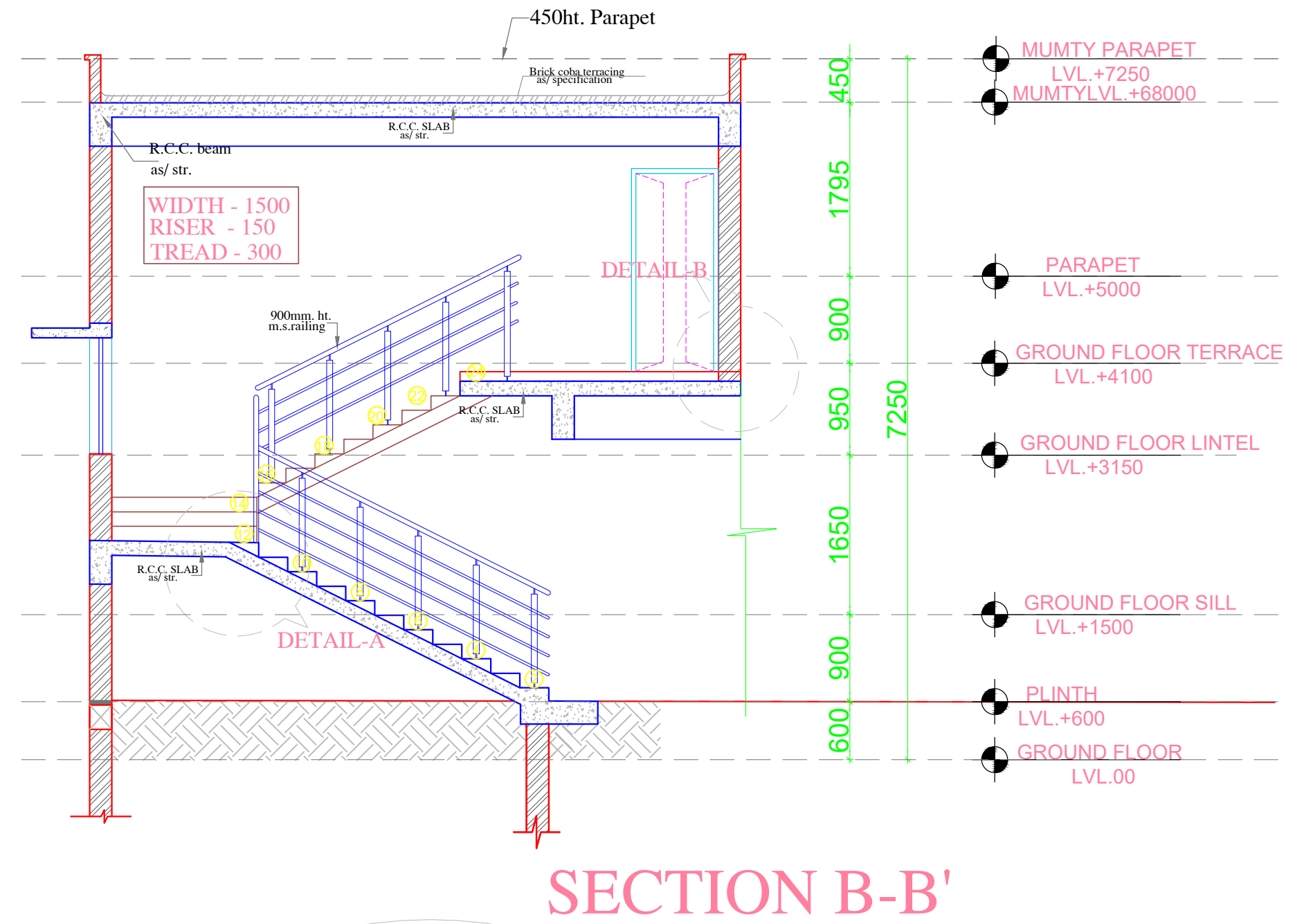
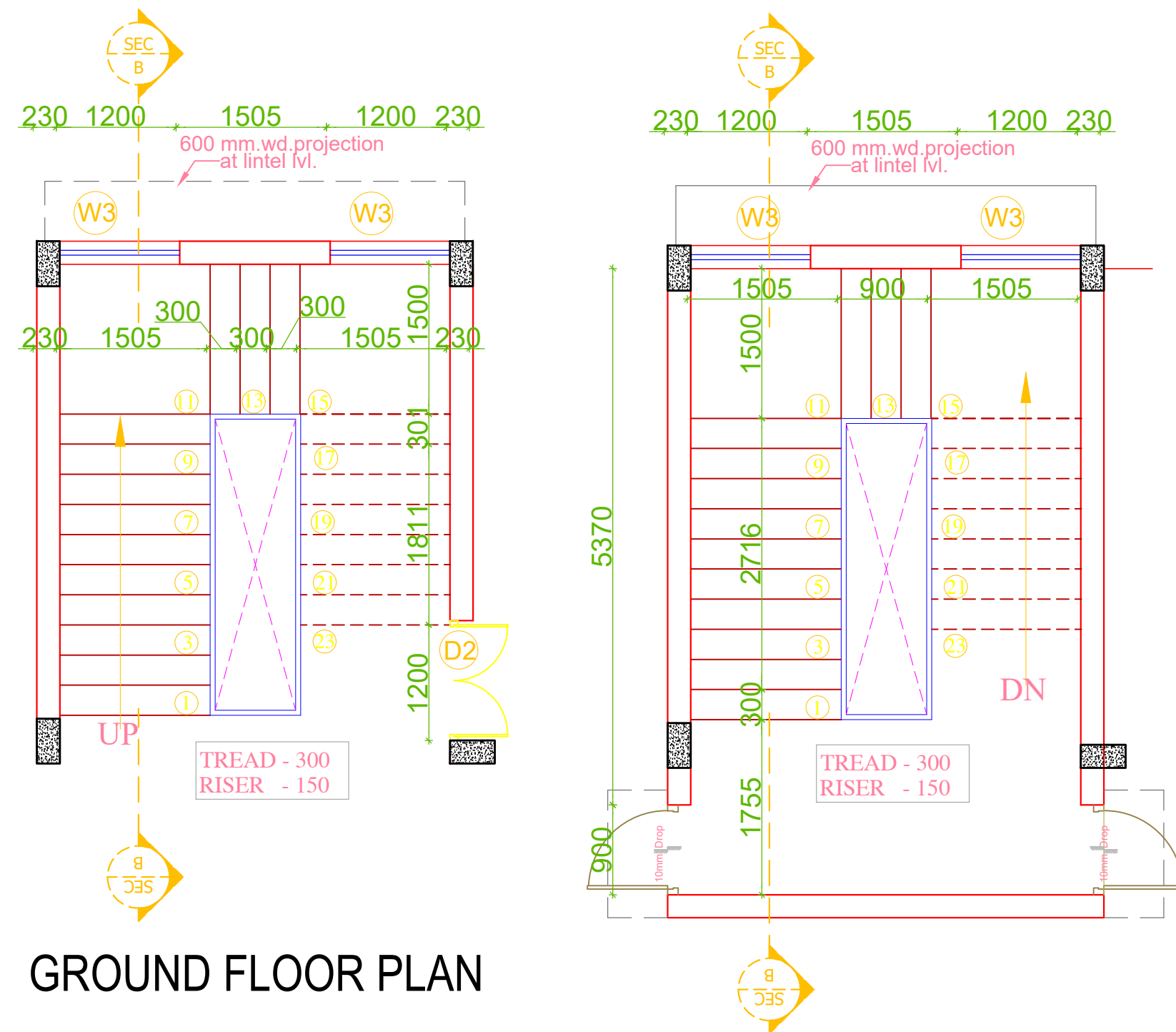
SHEET NO.

ADMIN BLOCK

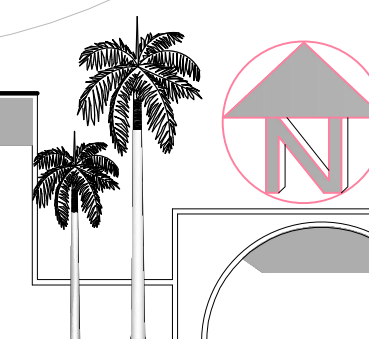
NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

DATE -16-05-2020

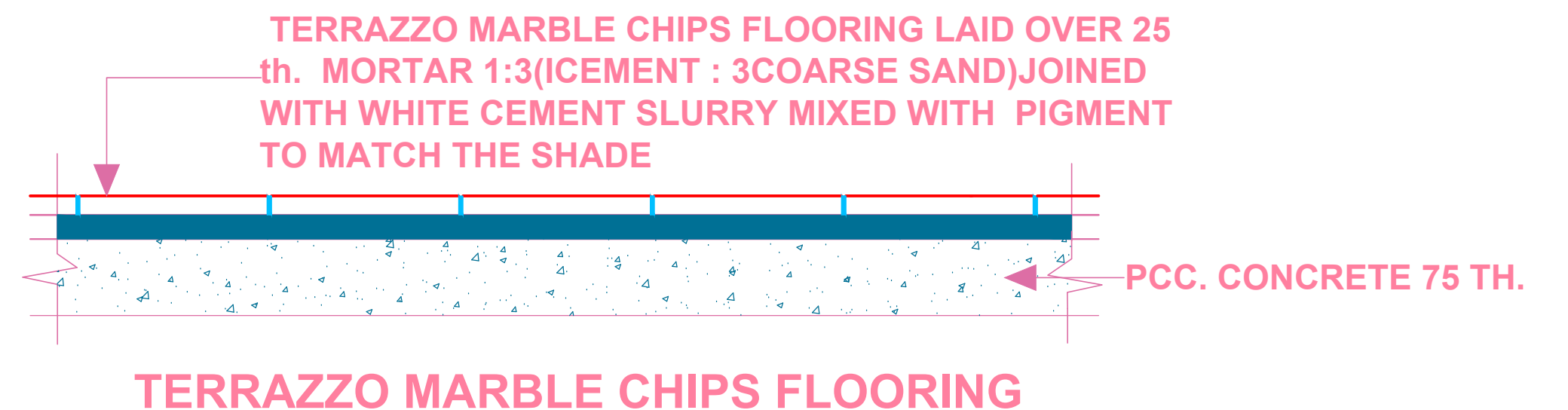
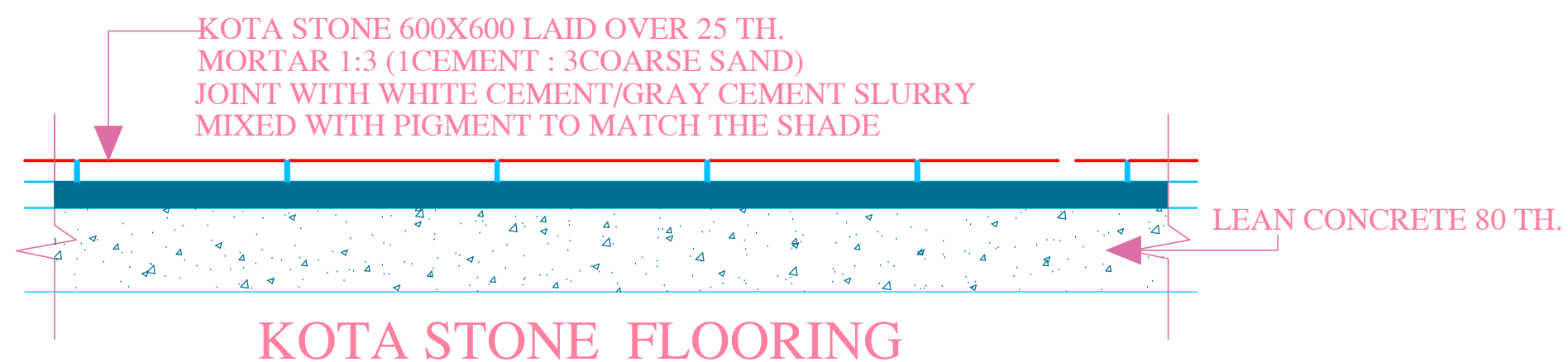
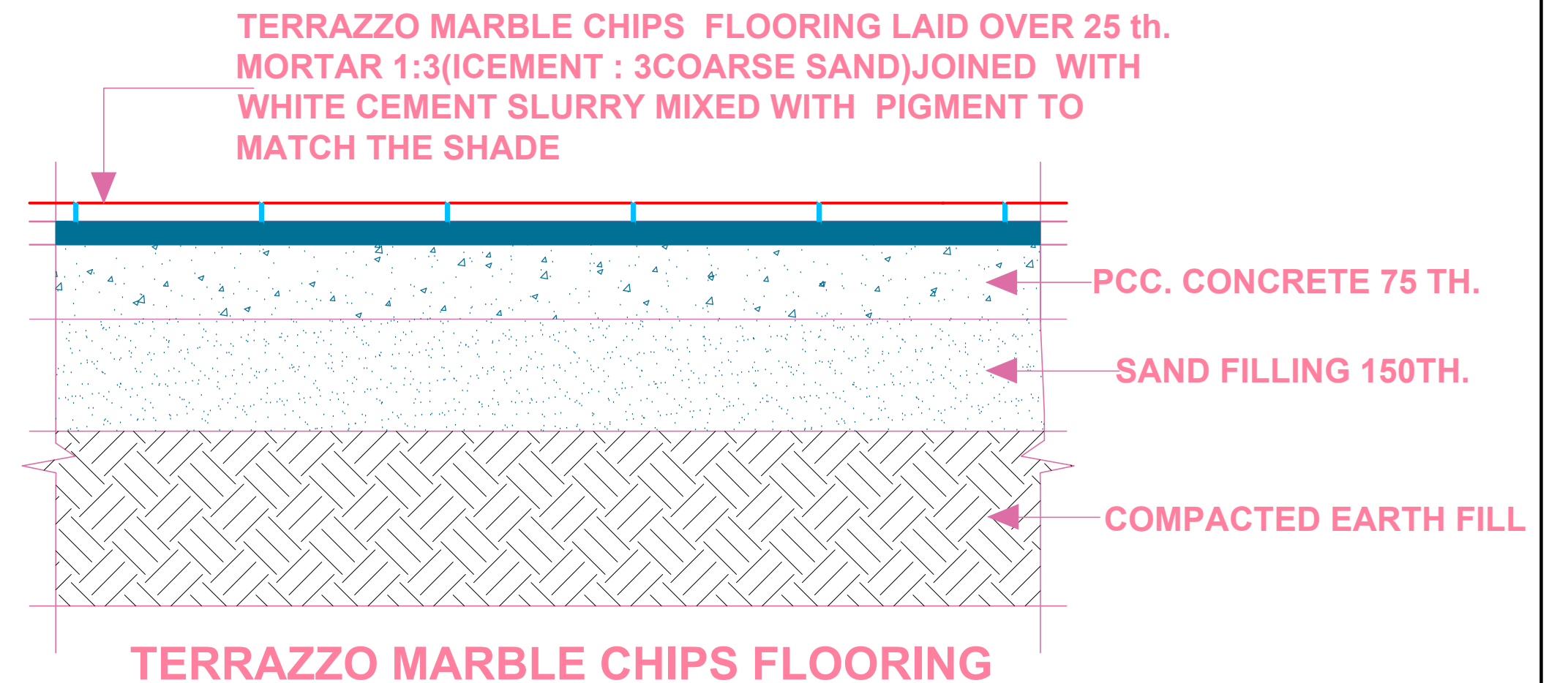
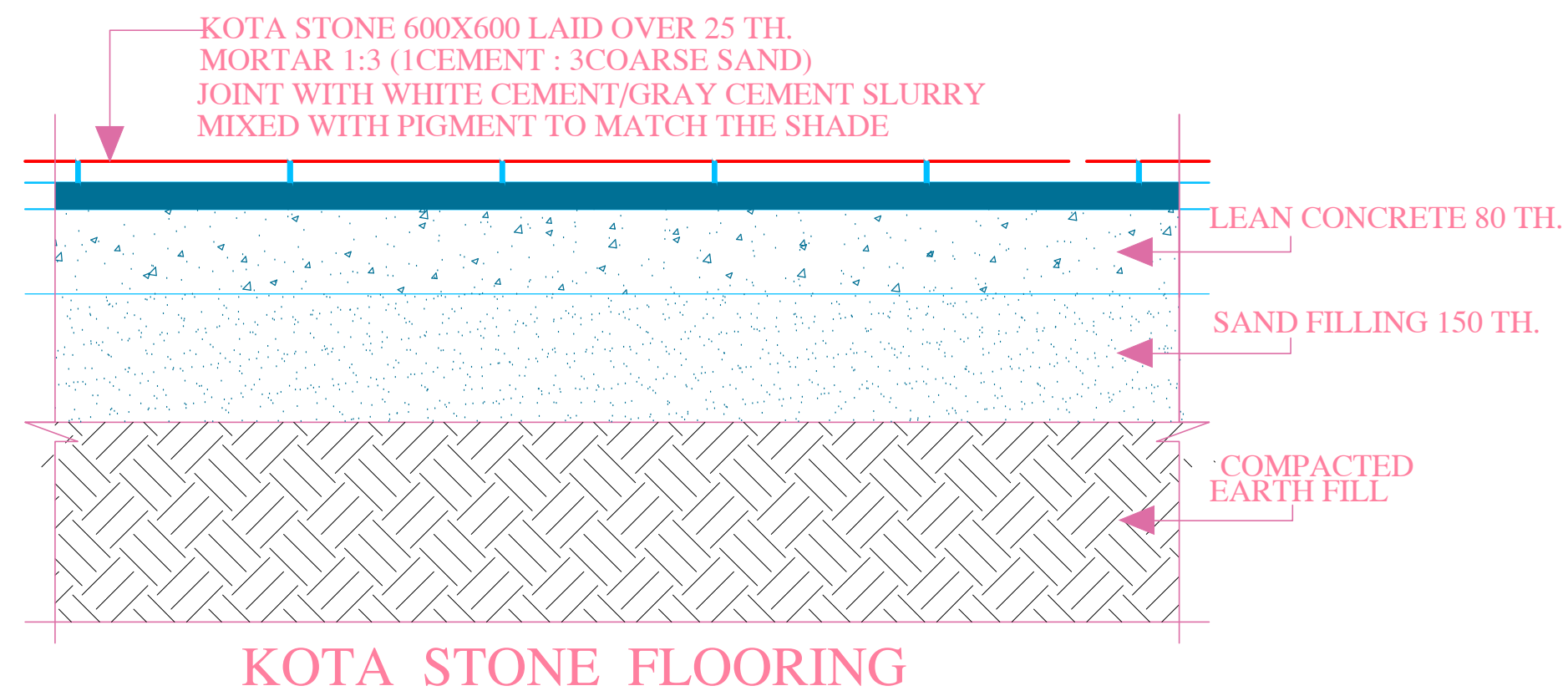
SIGN



REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

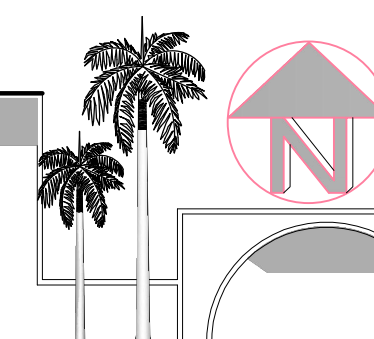


ADMIN BLOCK	
NAME-ANKITA SINGH	SIGN
SECTION-AR5-2	
B.ARCH	DATE -16-05-2020
ROLL NO-1150101015	
BABU BANARASI DAS LKO	

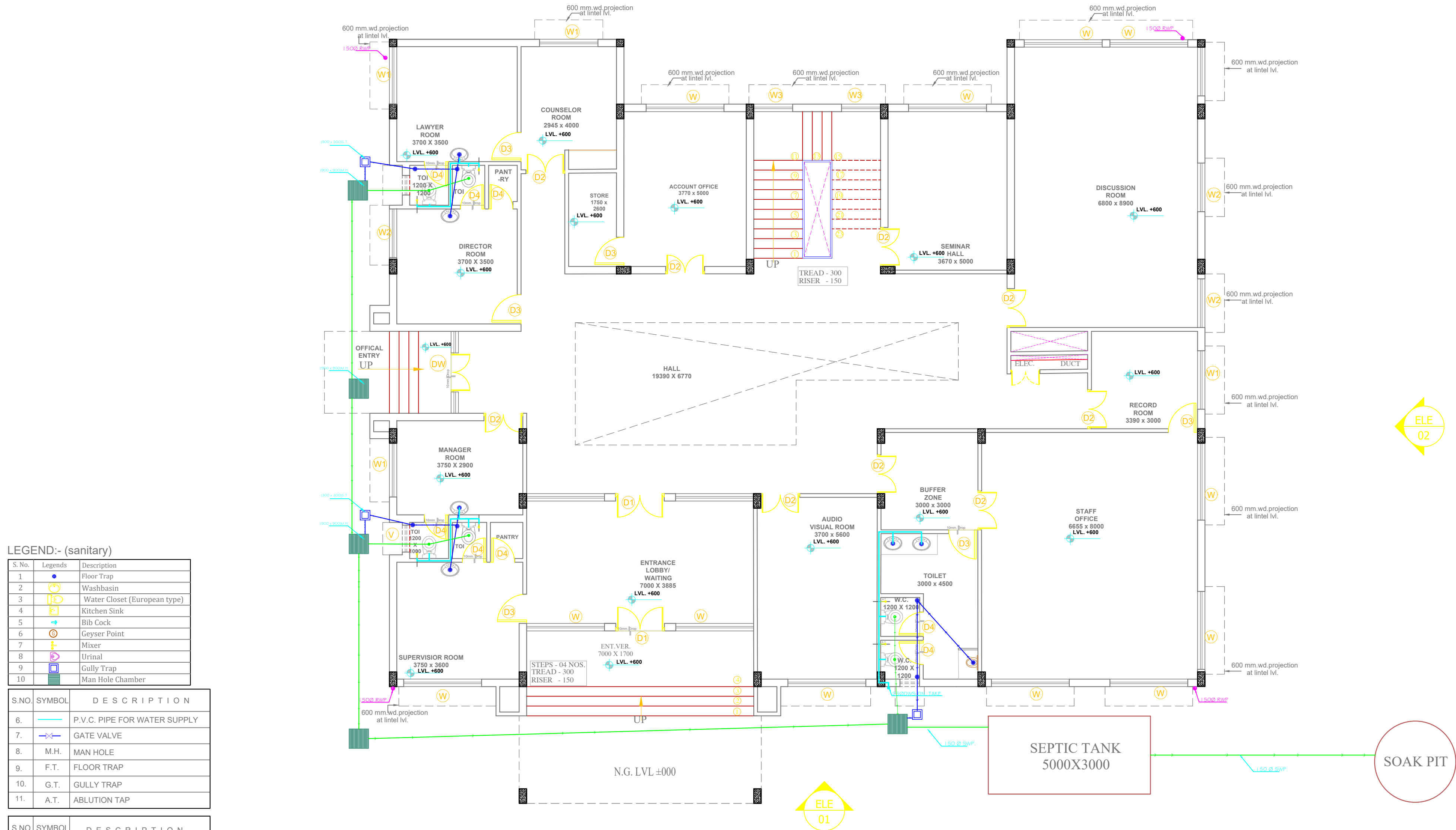


TYPICAL SECTION OF FLOORING DETAIL

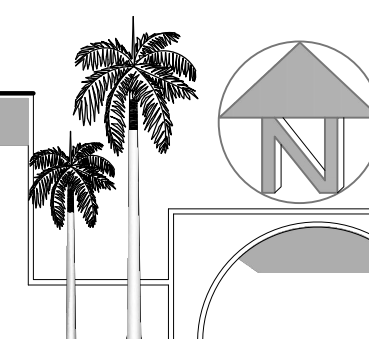
REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



ADMIN BLOCK	
NAME-ANKITA SINGH	
SECTION-AR5-2	
B.ARCH	
ROLL NO-1150101015	
BABU BANARASI DAS LKO	
DATE -16-05-2020	SIGN



REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



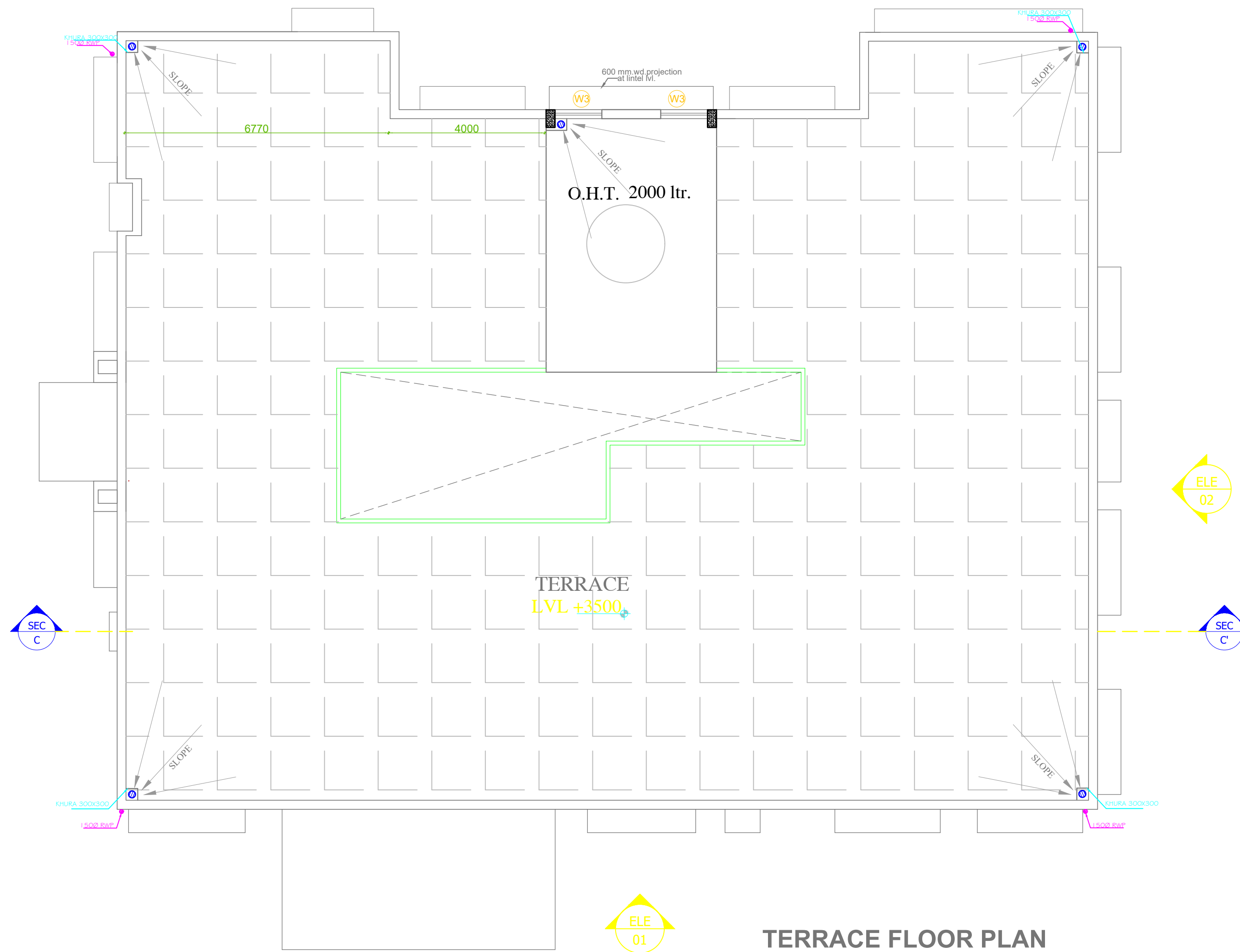
ADMIN BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

SHEET NO.

DATE -16-05-2020

SIGN

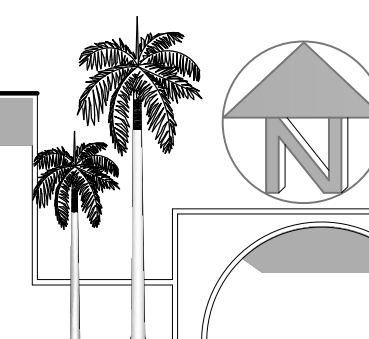


S.NO.	SYMBOL	DESCRIPTION
6.		P.V.C. PIPE FOR WATER SUPPLY
7.		GATE VALVE
8.	M.H.	MAN HOLE
9.	F.T.	FLOOR TRAP
10.	G.T.	GULLY TRAP
11.	A.T.	ABLUTION TAP

S.NO.	SYMBOL	DESCRIPTION
1.		110 Ø P.V.C. RAIN WATER PIPE
2.		160 Ø P.V.C. RAIN WATER PIPE
3.		100 Ø P.V.C. SOIL AND VENT PIPE
4.		75 Ø P.V.C. WASTE AND VENT PIPE
5.		WATER SUPPLY PIPE (P.V.C.)
6.		FRESH WATER SUPPLY PIPE (P.V.C.)

TERRACE FLOOR PLAN

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



SHEET NO.

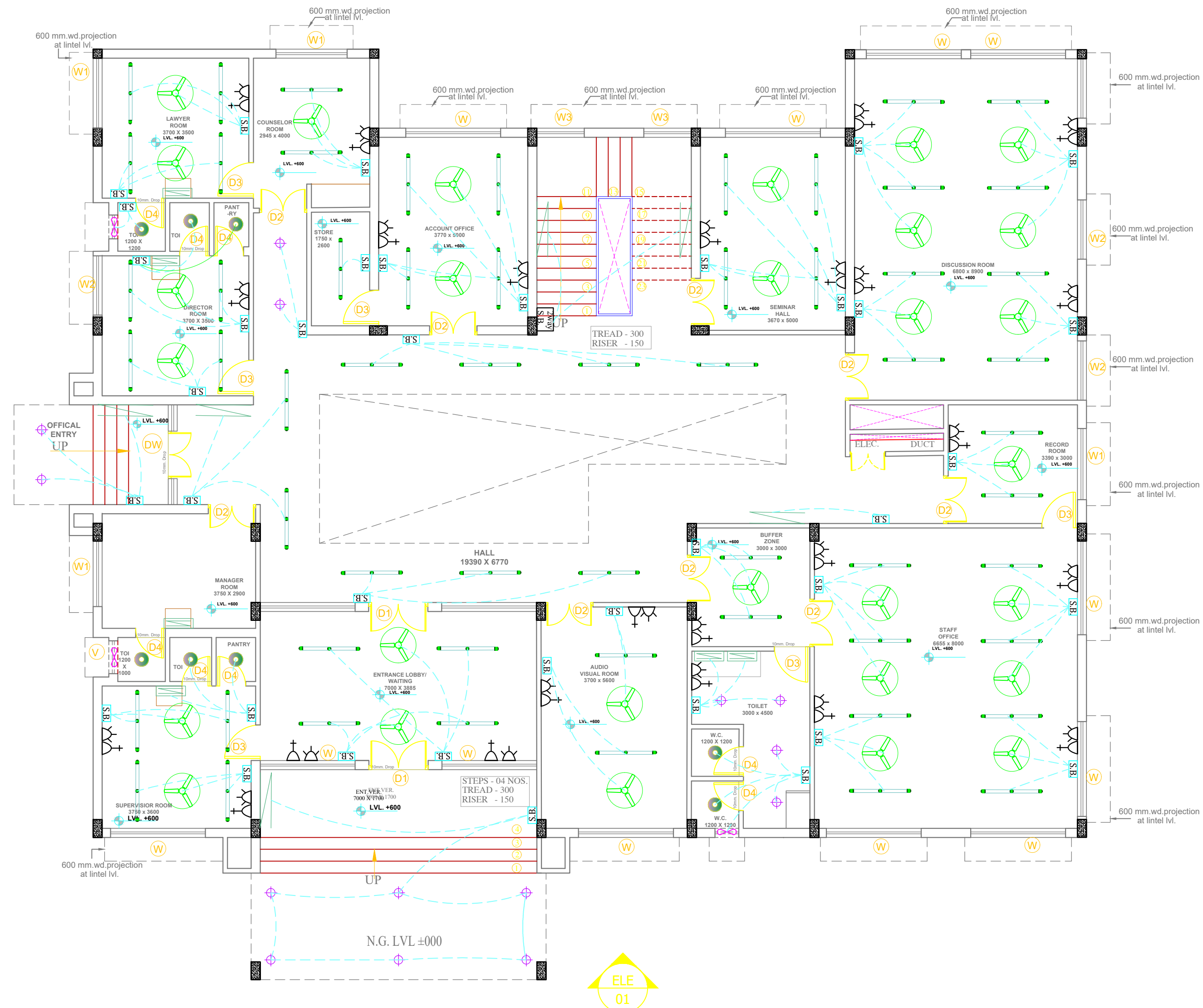
ADMIN BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

DATE -16-05-2020

SIGN





LEGEND:-

	22W LED Tube Light
	6W Recess Light for Toilet
	22W LED surface downlight
	Ceiling Fan
	Exhaust fan
	Switch Board
	6A Power Socket at 300 mm Height
	6A Power Socket at 1200 mm Height with Switch Board
	16A Power Socket at 300 mm Height
	VTPN DB
	TPN DB
	12W LED Wall Bracket light
	20A Power Point with MCB 450 mm up from the floor Level
	MIRROR LIGHT
	TUBE LIGHT (ON WALL)
	CEILING LIGHT

GROUND FLOOR PLAN

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

ADMIN BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

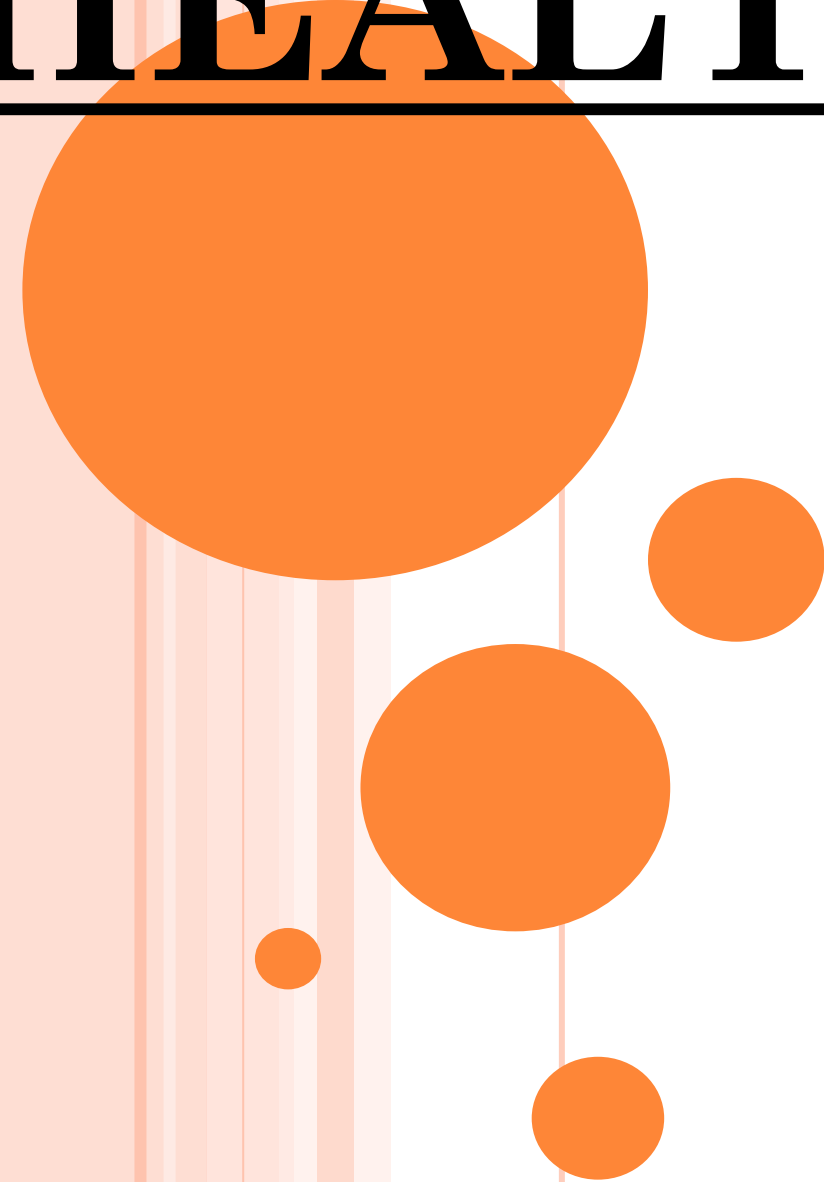
DATE -16-05-2020 SIGN

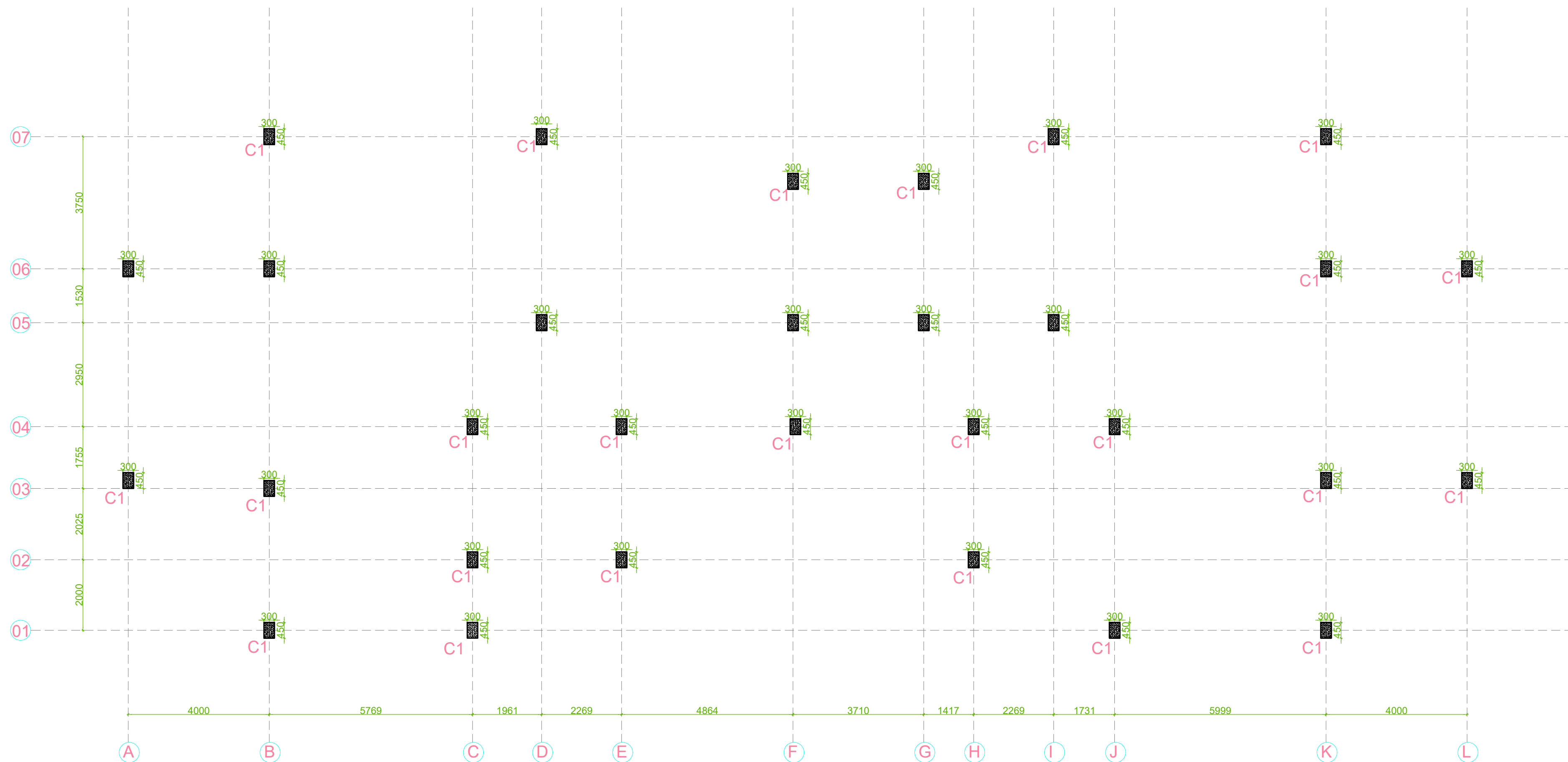
SHEET NO.



ELECTIVE-1

(HEALTH CARE CENTER BLOCK)

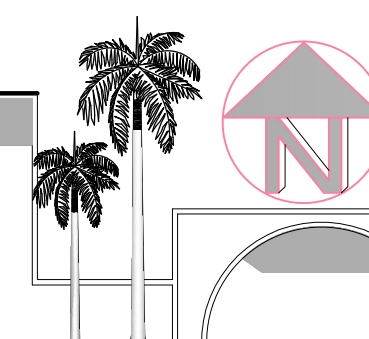




C1 = 450 X 300 =

GRID PLAN

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



SHEET NO.

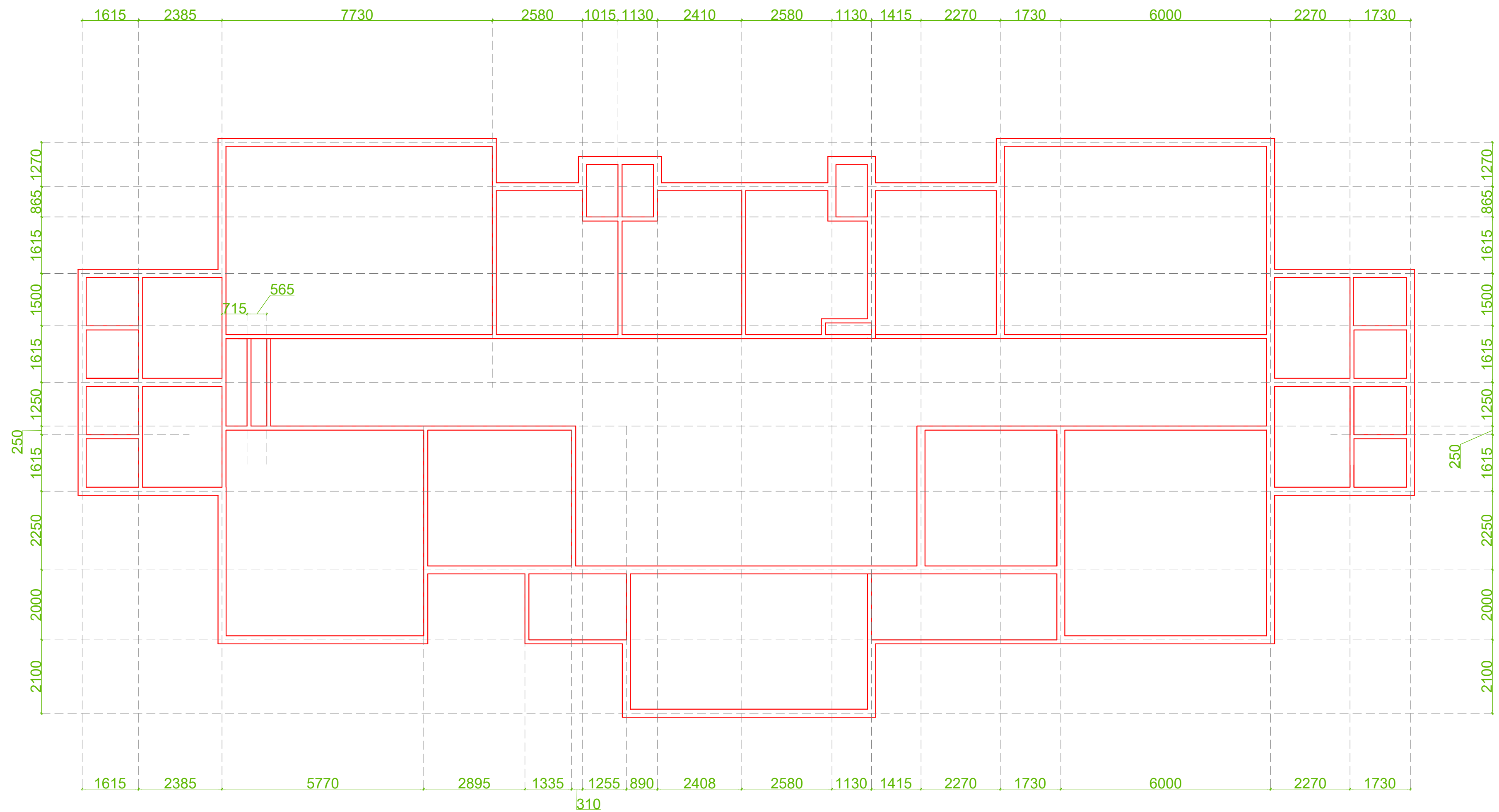
HEALTH CARE
CENTER BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

DATE -16-05-2020

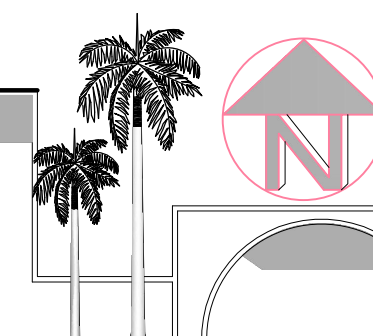
SIGN





CENTER LINE PLAN

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



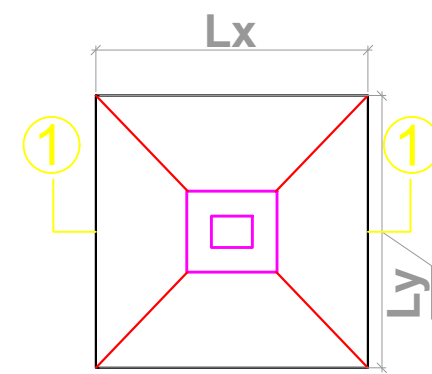
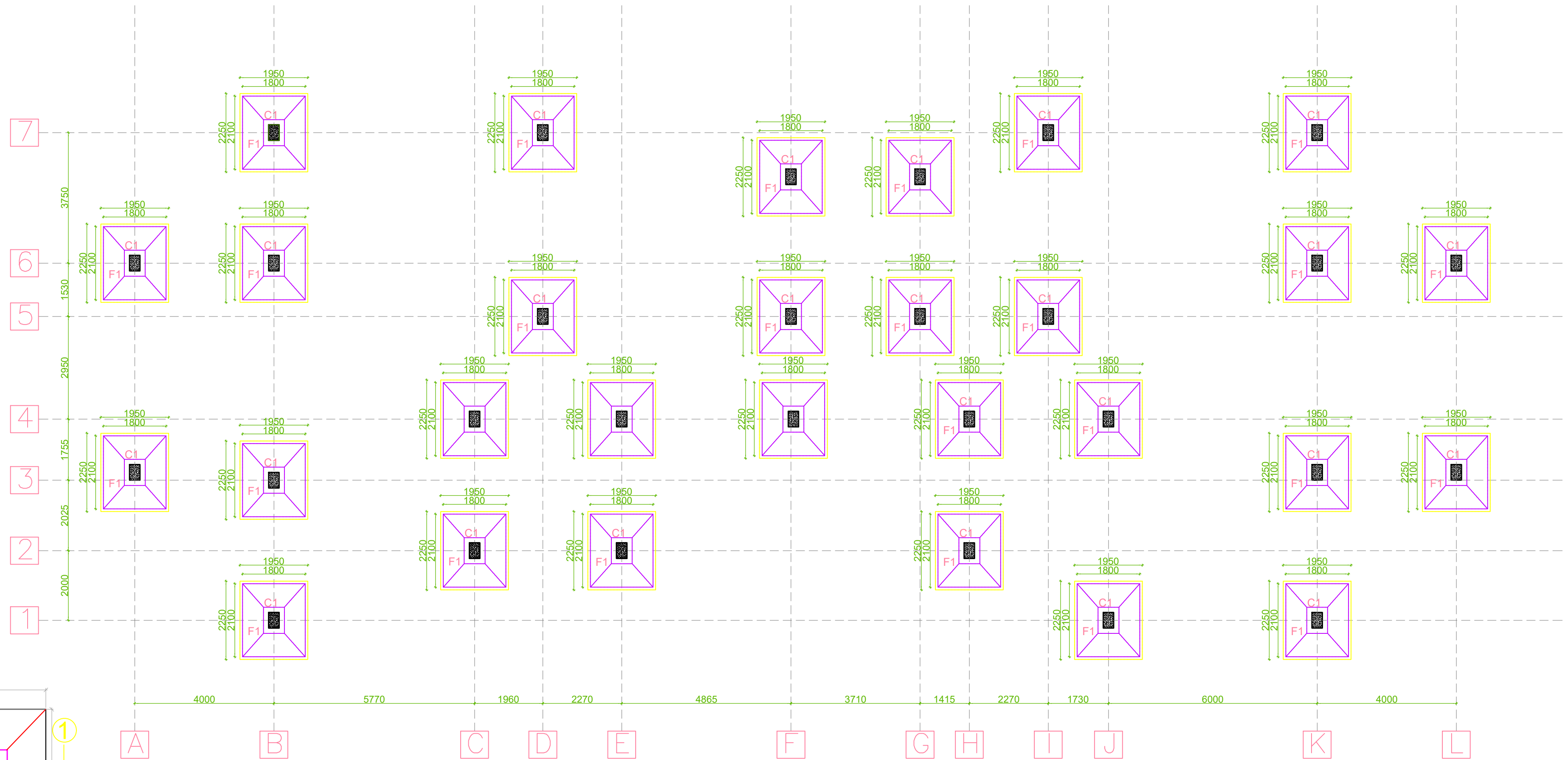
SHEET NO.

HEALTH CARE
CENTER BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

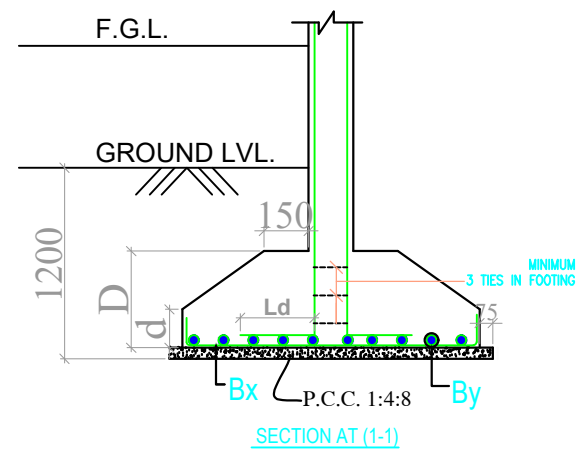
DATE -16-05-2020

SIGN

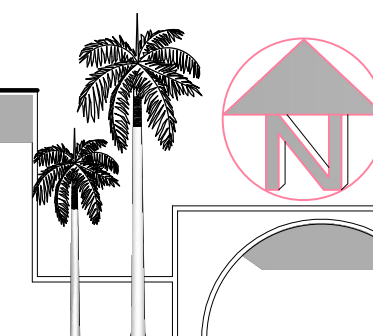


TYPICAL ISOLATED FOOTING PLAN

FOOTING DETAIL PLAN



REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

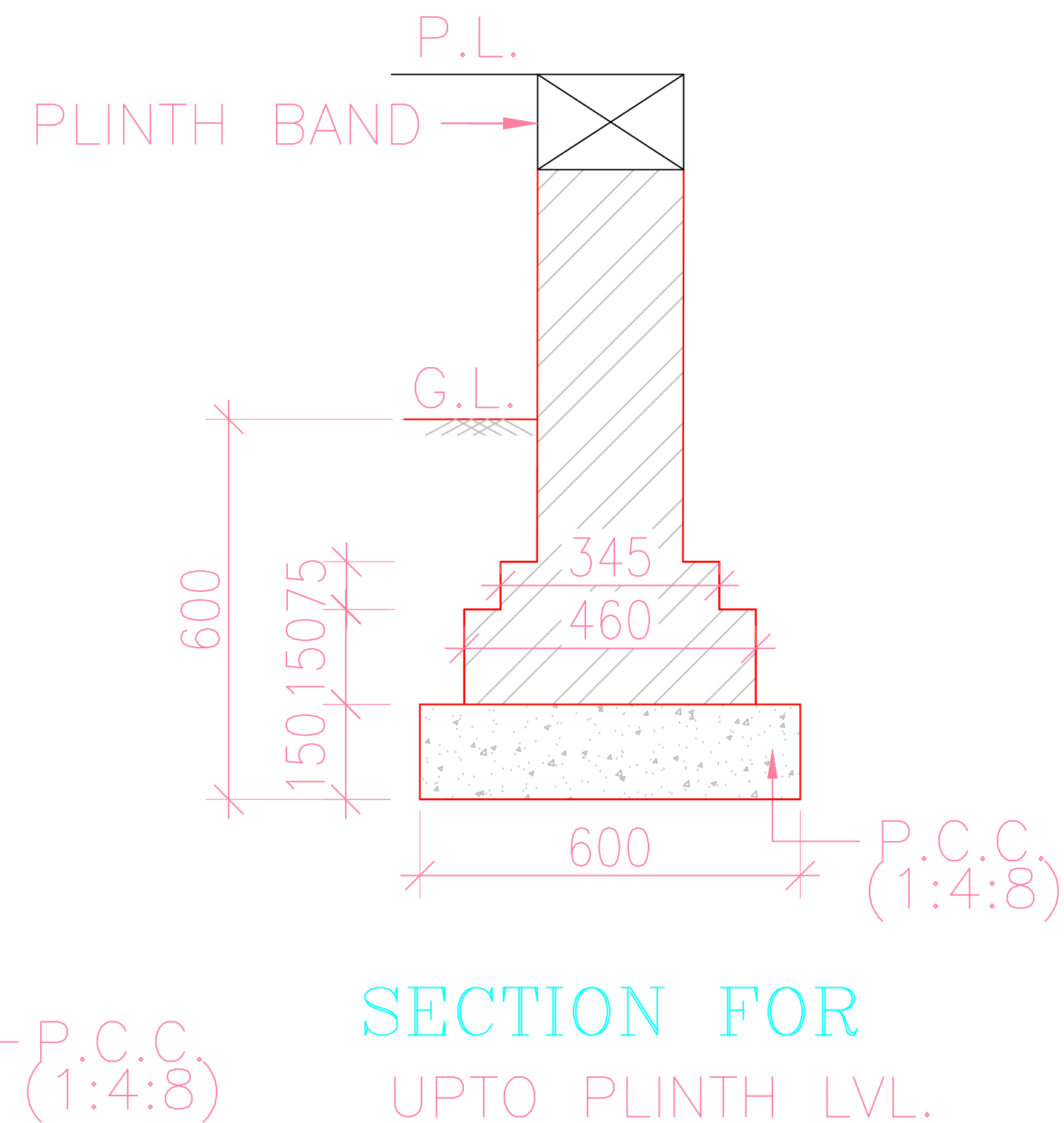
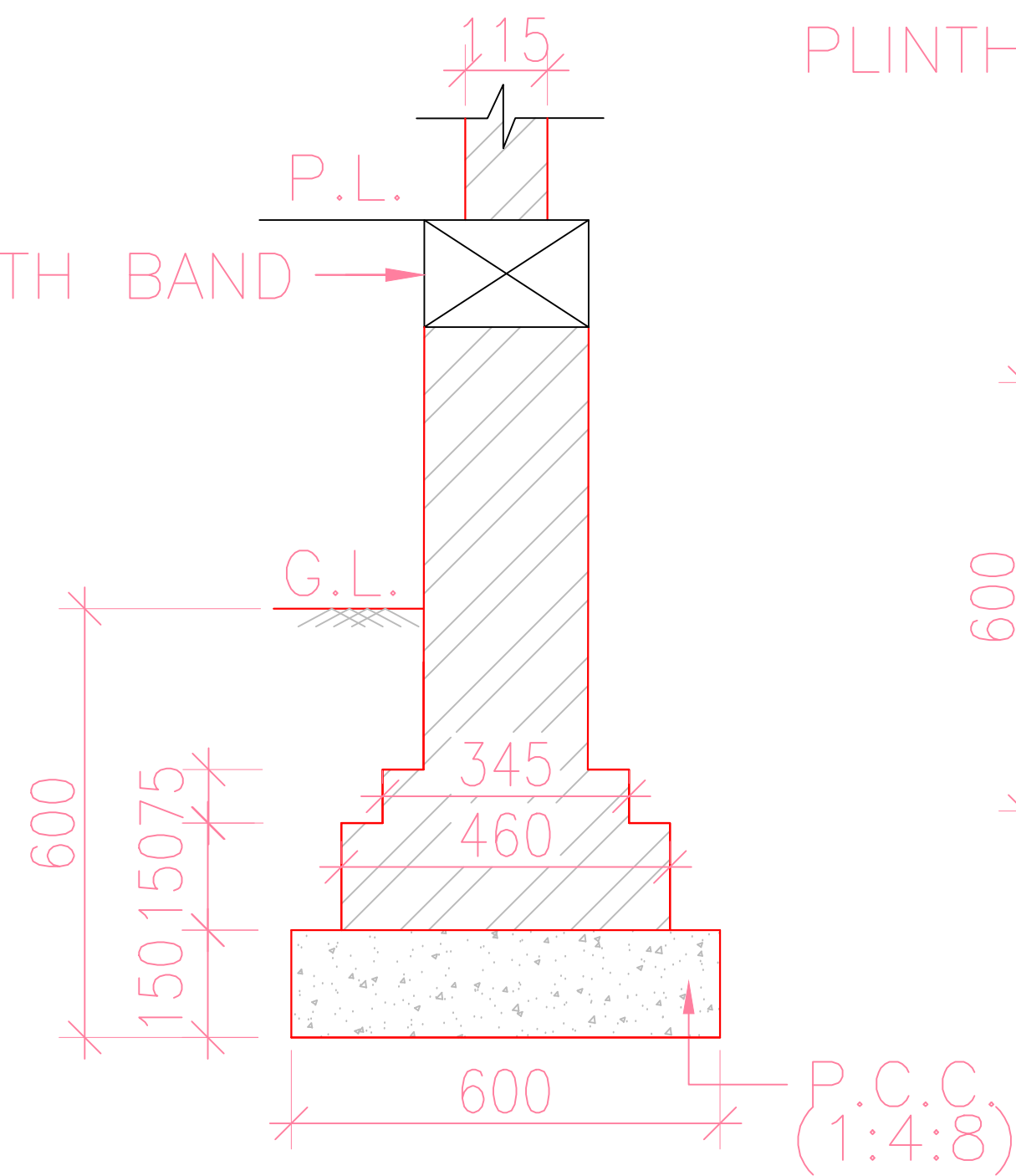
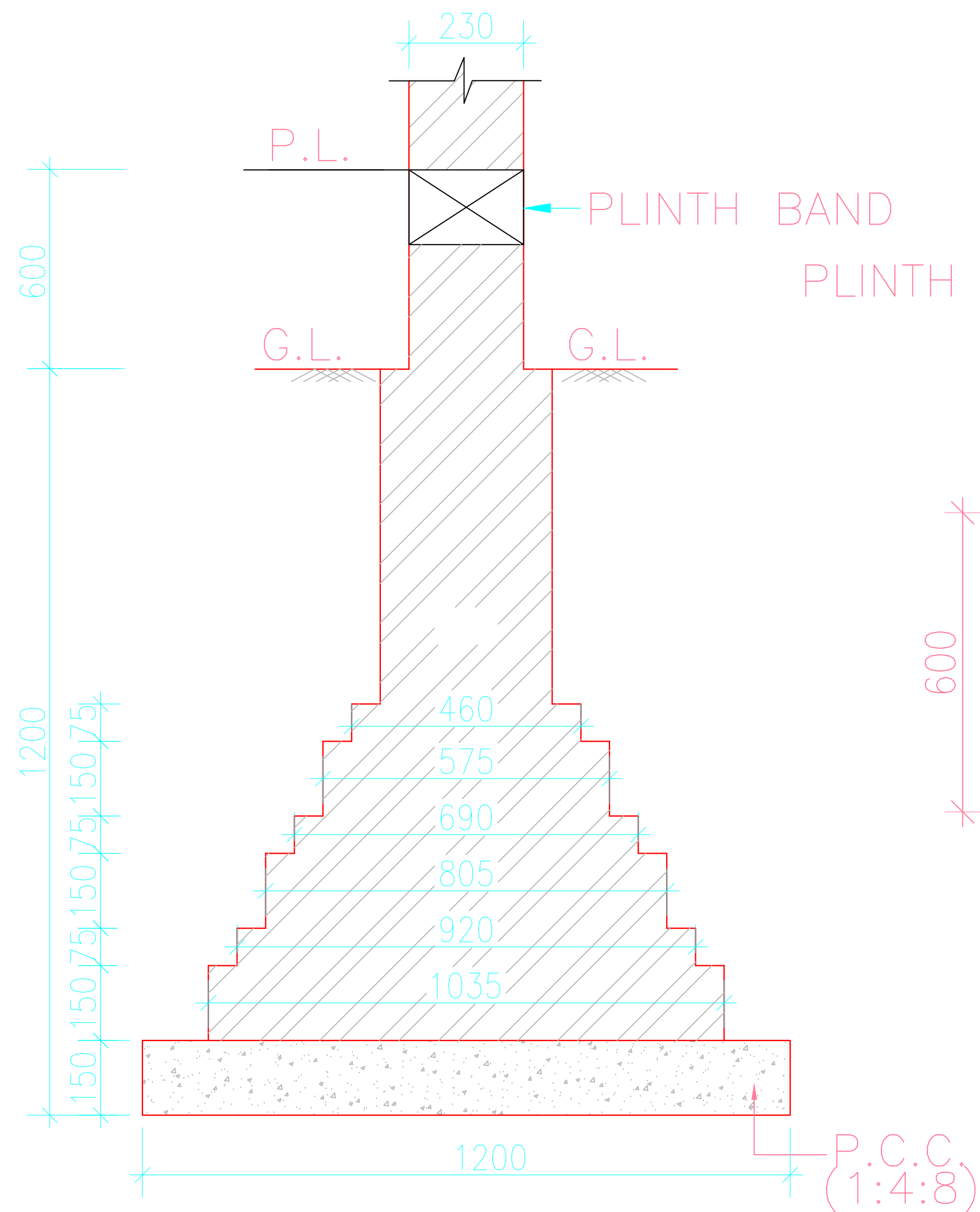


SHEET NO.

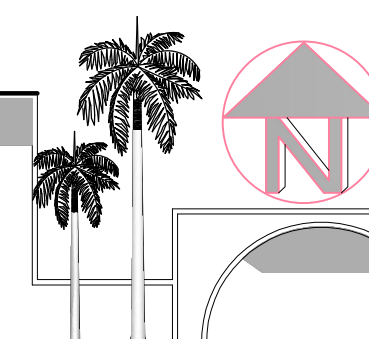
HEALTH CARE
CENTER BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

DATE -16-05-2020 SIGN



REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



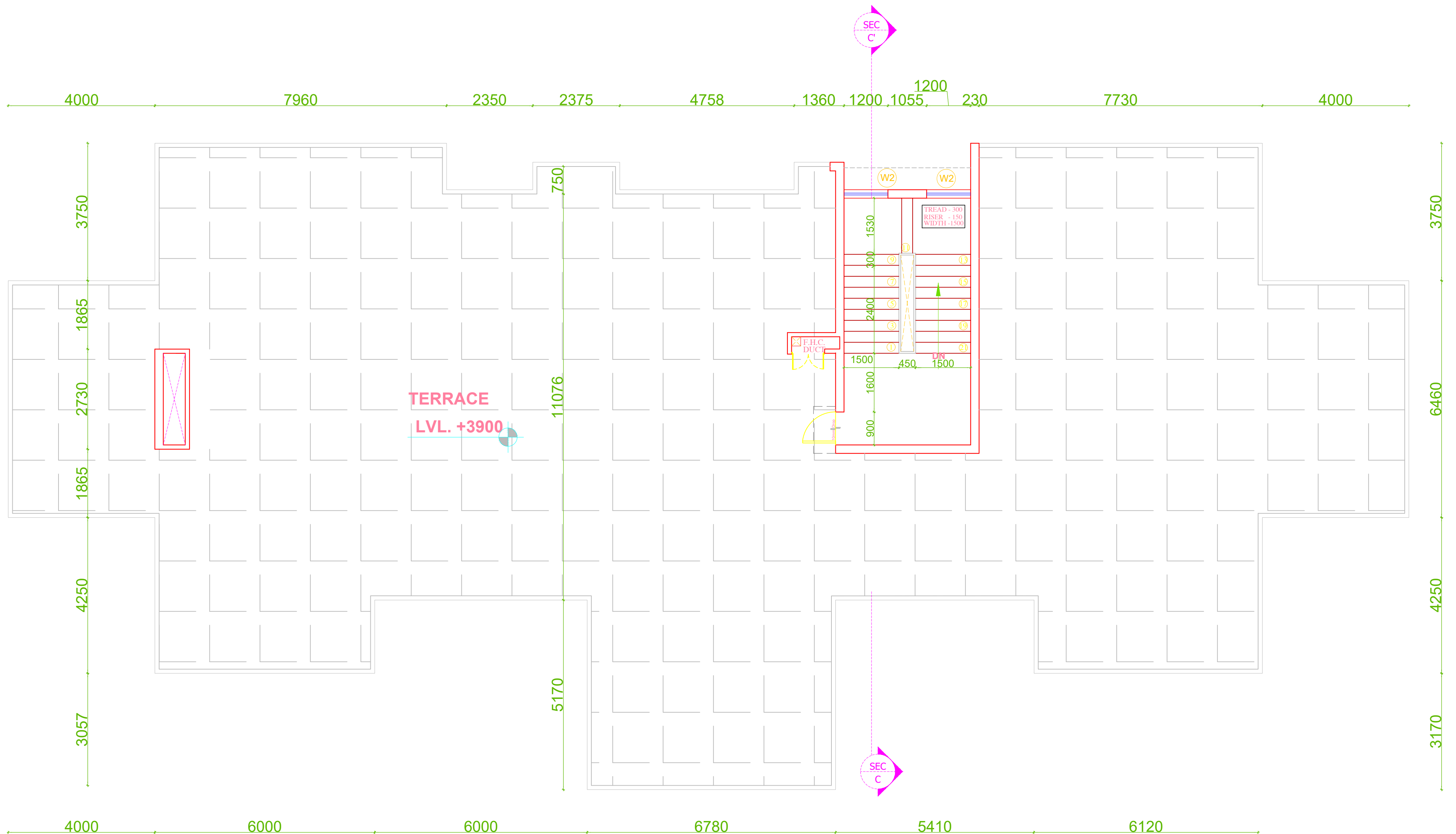
SHEET NO.

HEALTH CARE
CENTER BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

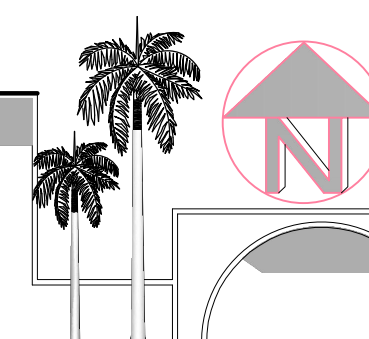
DATE -16-05-2020

SIGN



TERRACE FLOOR PLAN

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



SHEET NO.

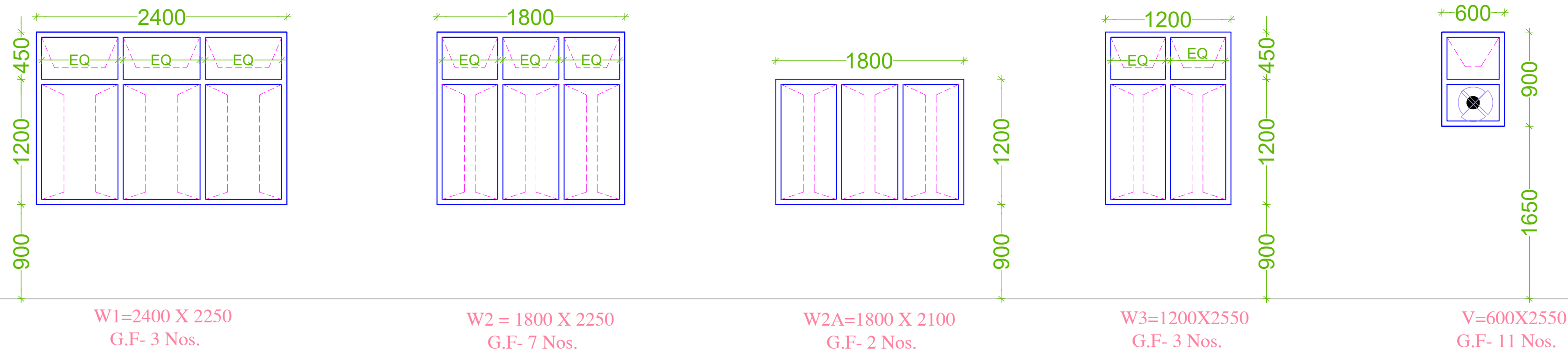
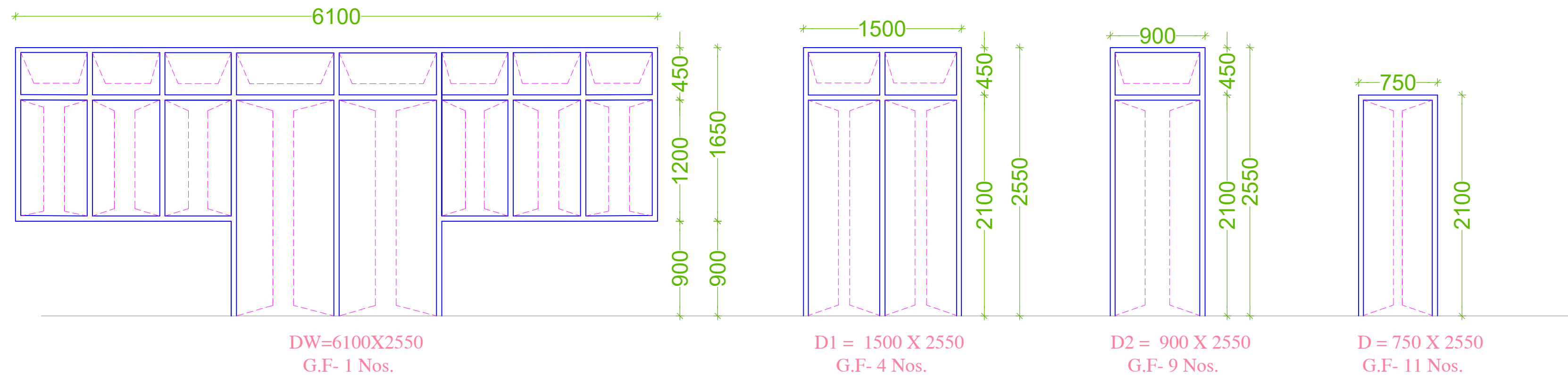
HEALTH CARE
CENTER BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

DATE -16-05-2020



SIGN



DOOR & WINDOW SCHEDULE

DOORS & WINDOWS SCHEDULES						
sl.no.	type	size	lintel	sill	total no.	remarks
1.	DW	2100x 2000	2550		01	Door
2.	D1	1500 X 2550	2550		04	Door
3.	D2	900 X 2550	2550		09	Door
4.	D3	750 X 2100	2100		11	Door
5.	W	900x 2100	2550		03	WINDOW
6.	W1	2400 X 2550	2550		07	WINDOW
7.	W2	1200 X 2550	2550		03	WINDOW
8.	V	600 X 2550	2550		11	VENTILATOR

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

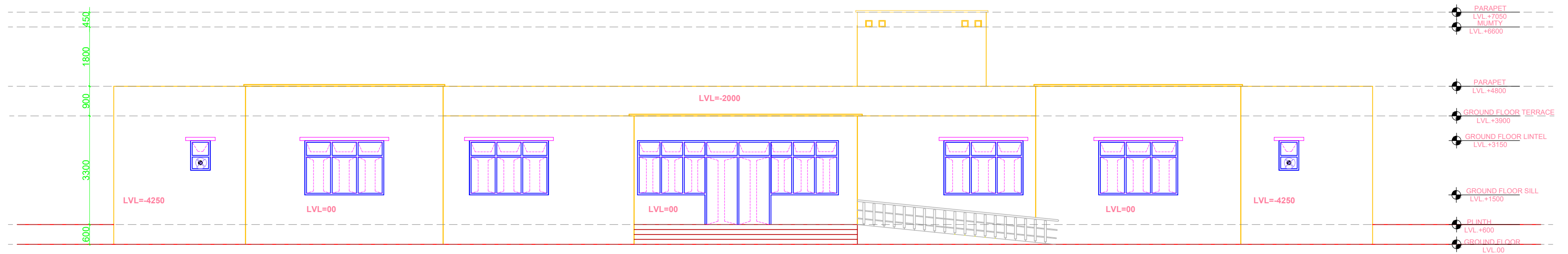
HEALTH CARE
CENTER BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

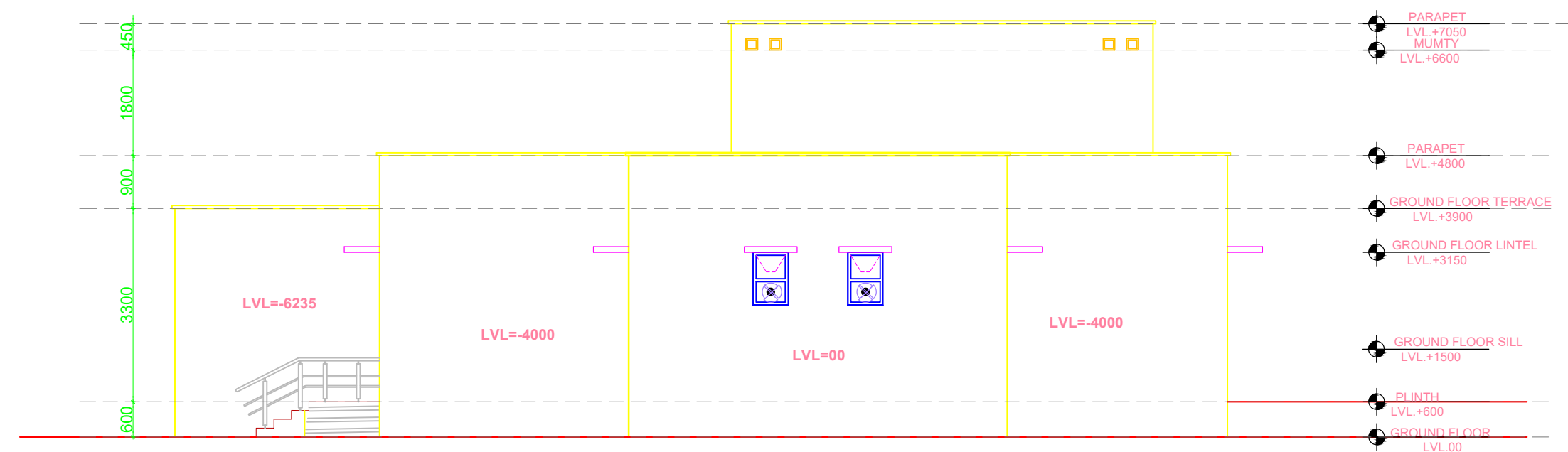
DATE -16-05-2020

SIGN

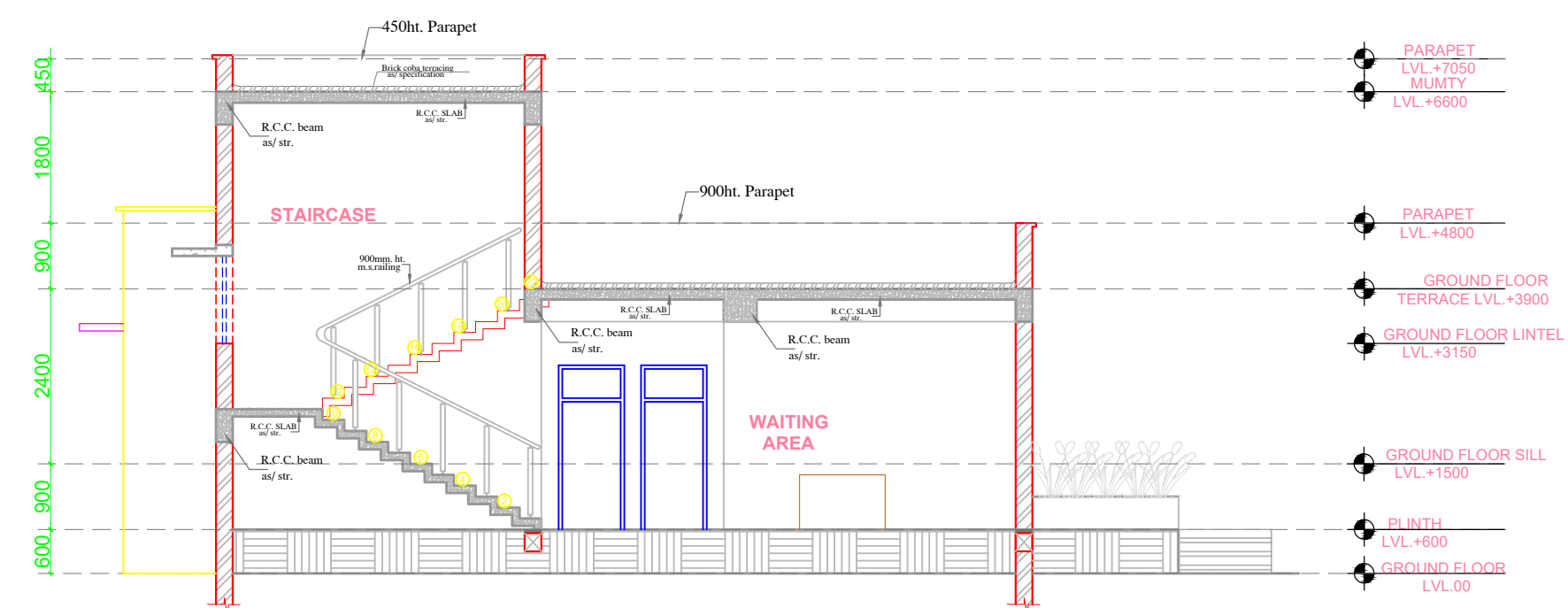
SHEET NO.



FRONT ELEVATION



RIGHT SIDE ELEVATION



SECTION C-C'

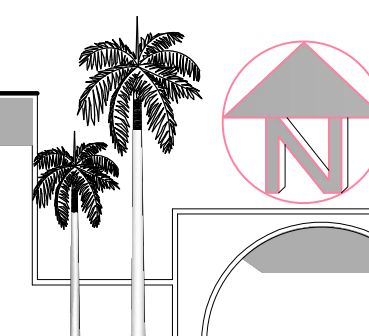
REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

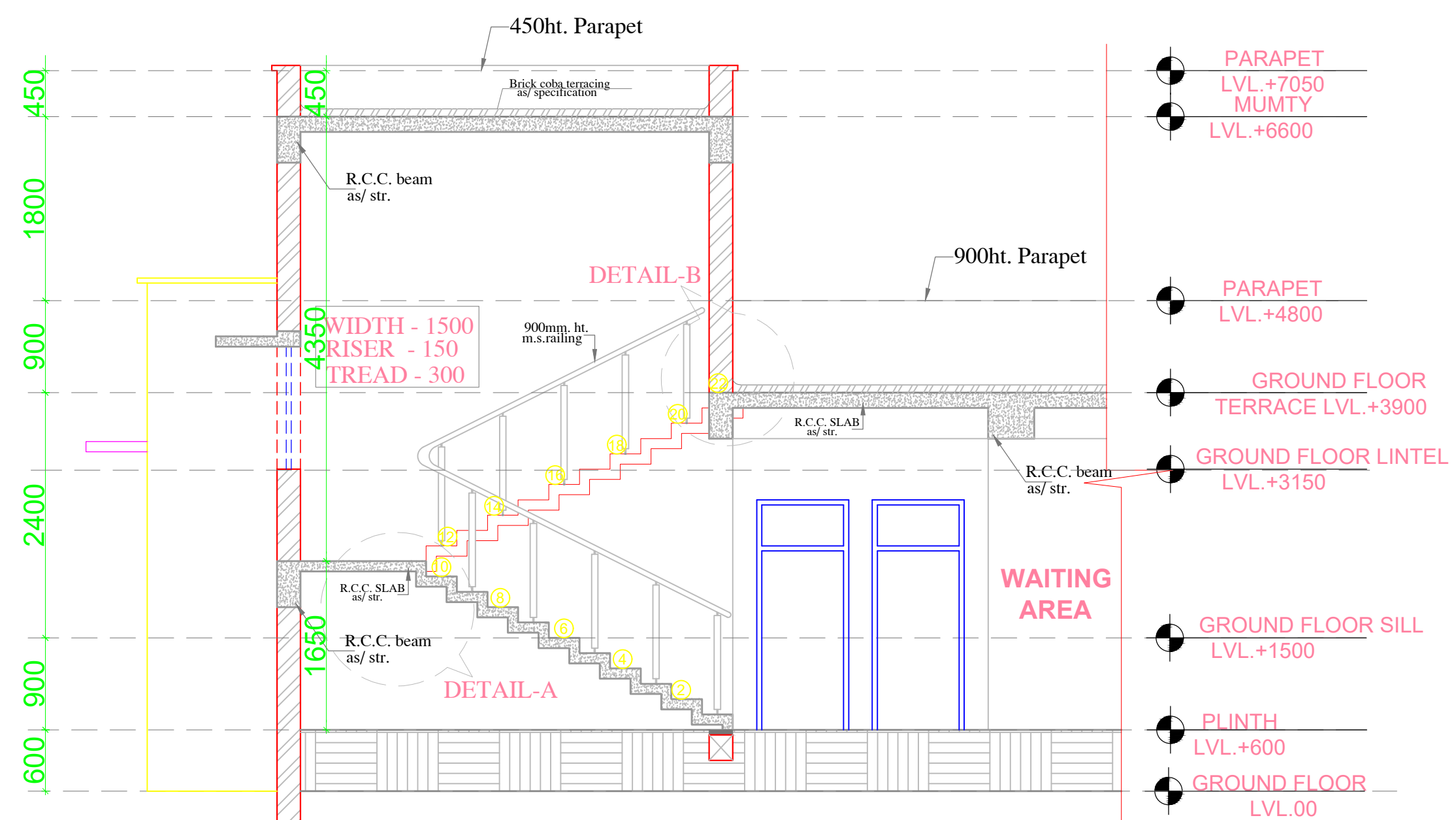
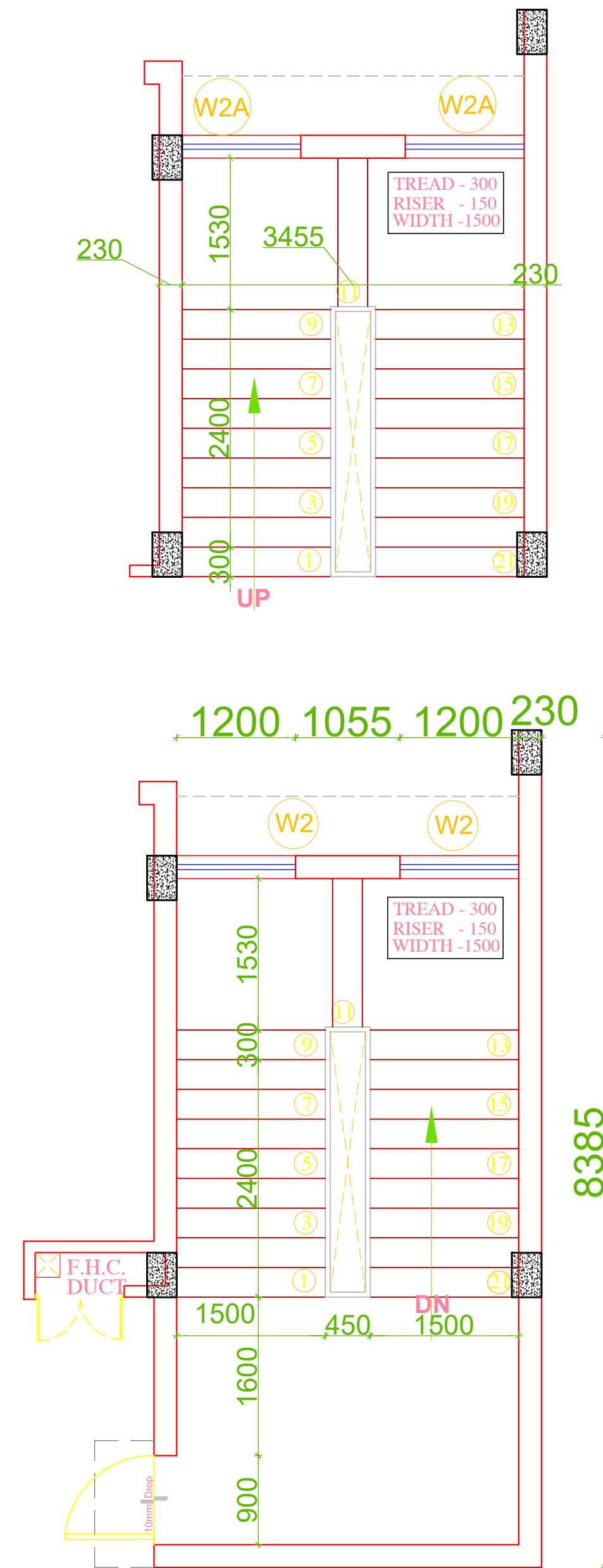
HEALTH CARE
CENTER BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

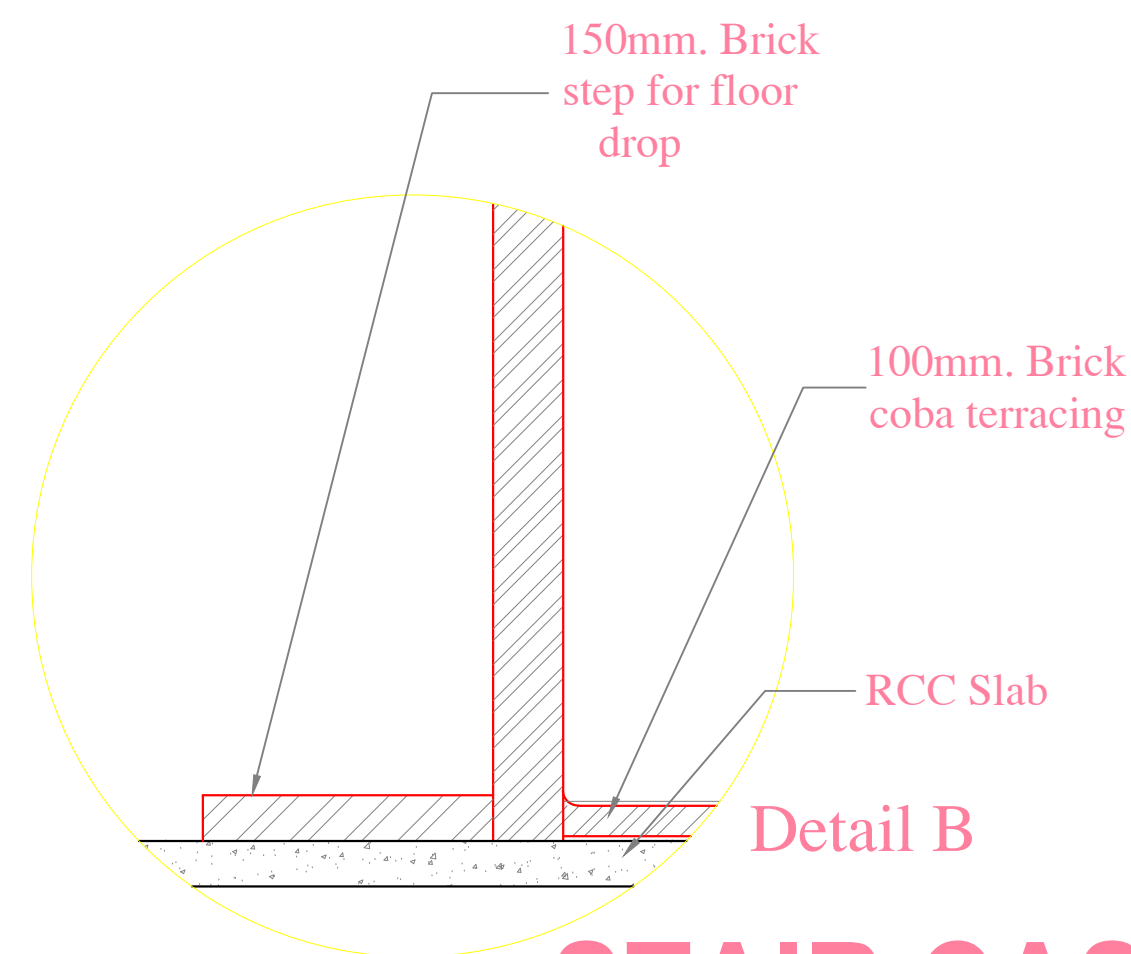
DATE -16-05-2020 SIGN

SHEET NO.

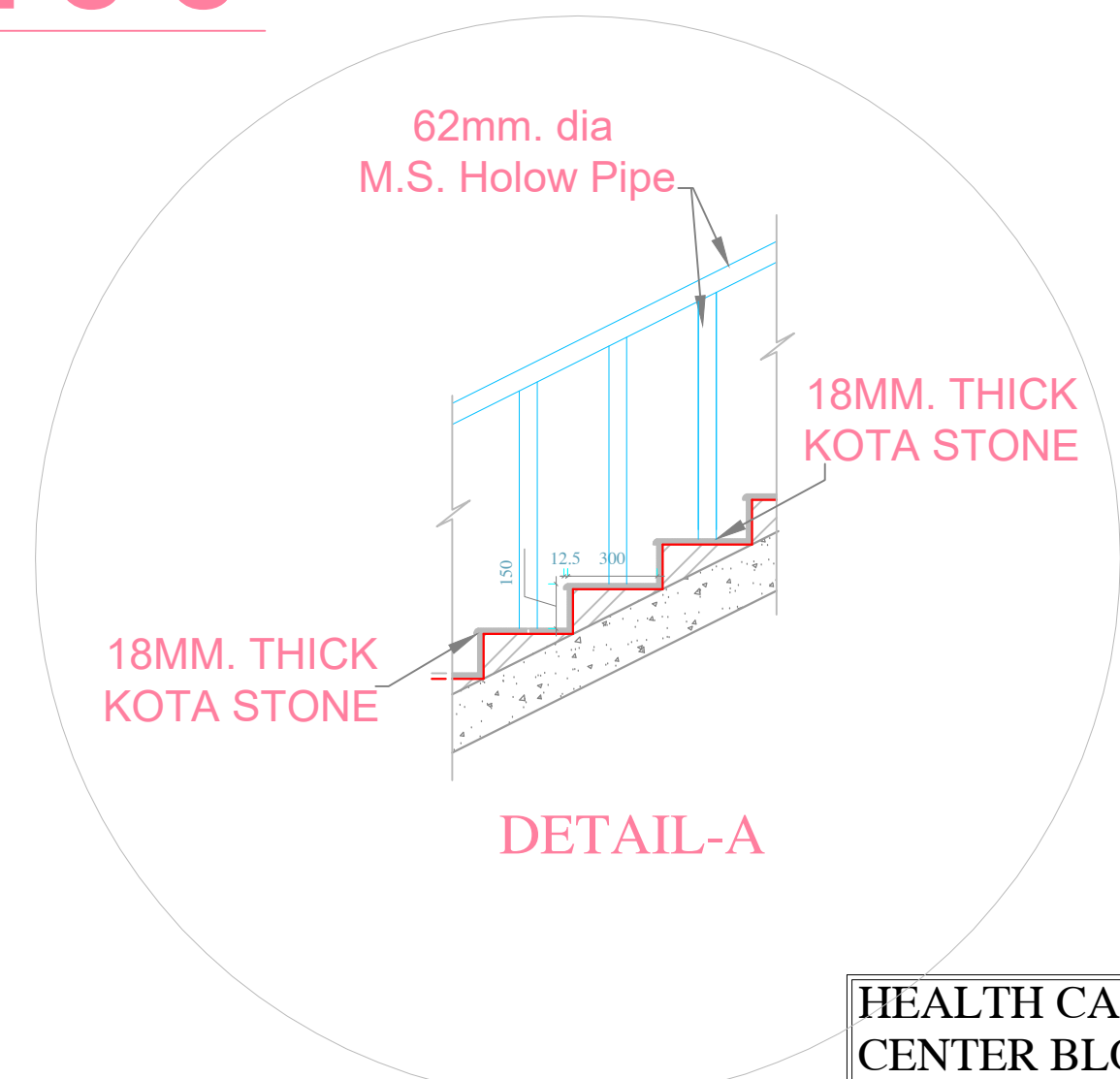




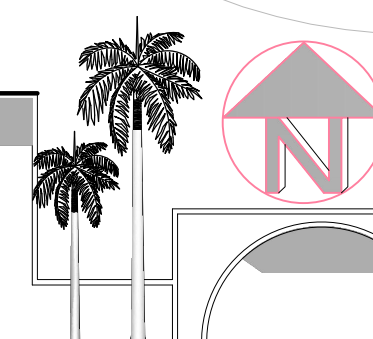
SECTION C-C'



STAIR CASE



REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



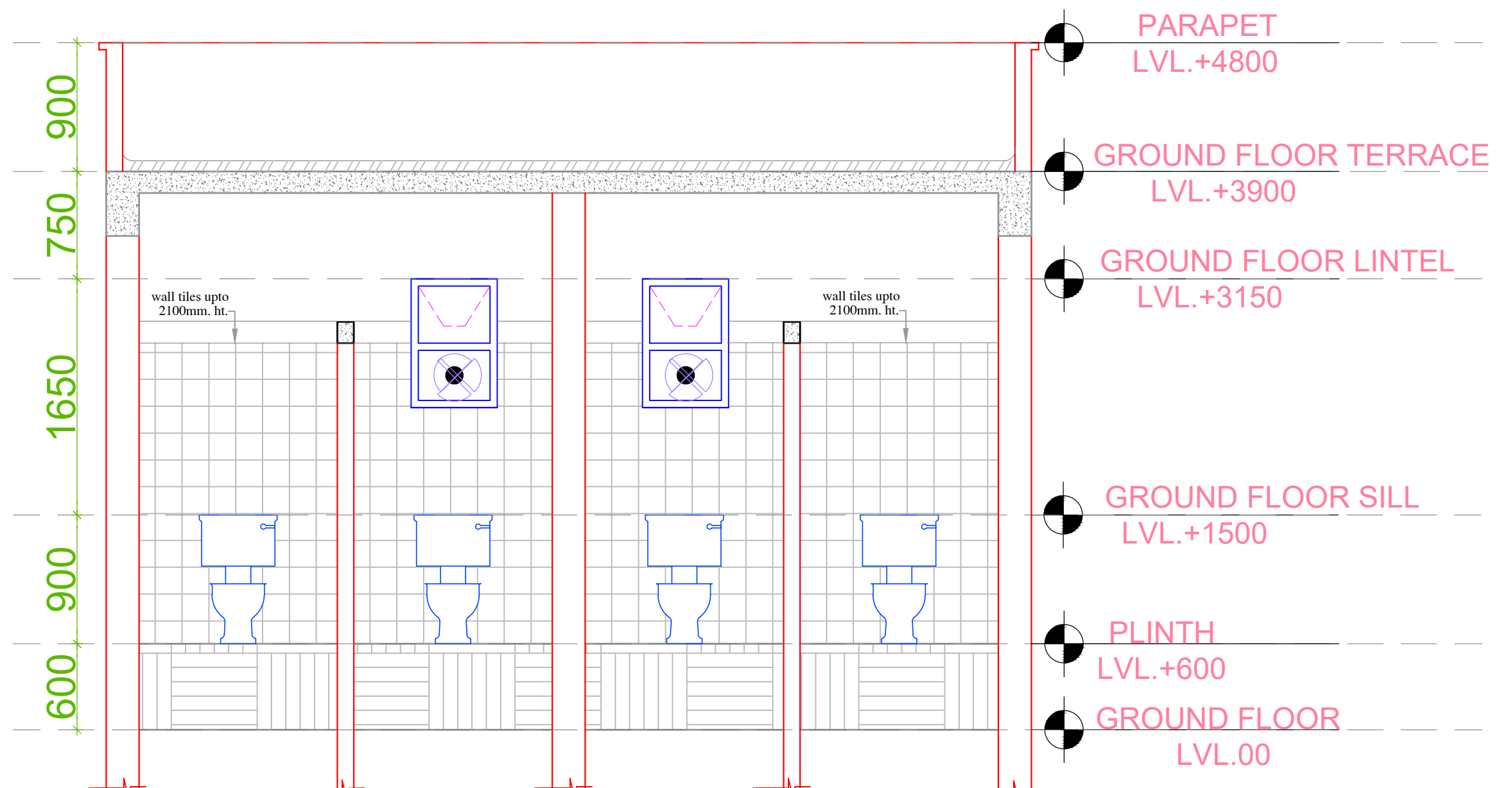
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HEALTH CARE
CENTER BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

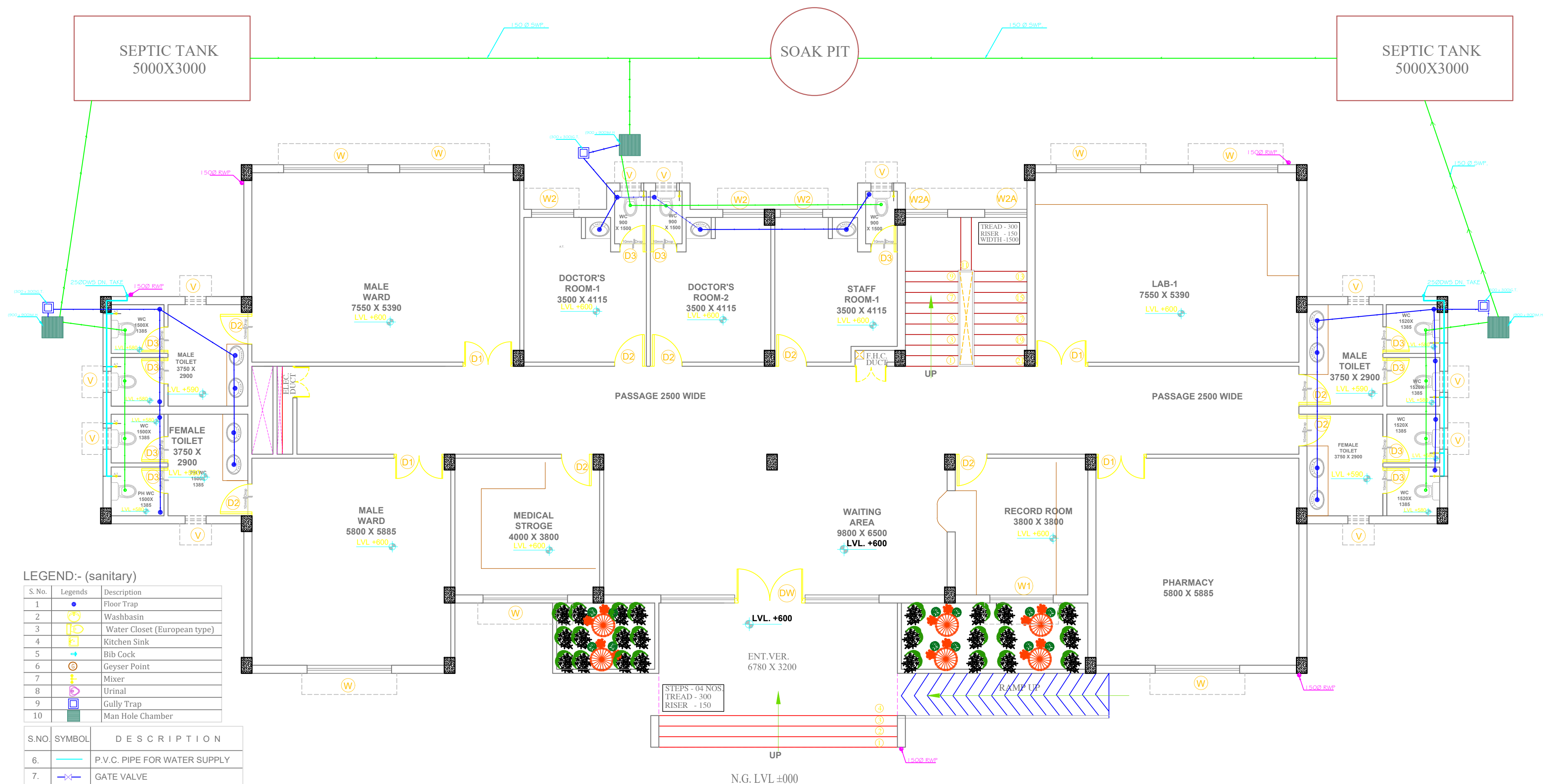
DATE -16-05-2020

SIGN



REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

DATE -16-05-2020	SIGN
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LEGEND:- (sanitary)

S. No.	Legends	Description
1	●	Floor Trap
2	⊕	Washbasin
3	⊕	Water Closet (European type)
4	⊕	Kitchen Sink
5	⊕	Bib Cock
6	⊕	Geyser Point
7	⊕	Mixer
8	⊕	Urinal
9	⊕	Gully Trap
10	⊕	Man Hole Chamber

S.NO.	SYMBOL	DESCRIPTION
6.	—	P.V.C. PIPE FOR WATER SUPPLY
7.	—	GATE VALVE
8.	M.H.	MAN HOLE
9.	F.T.	FLOOR TRAP
10.	G.T.	GULLY TRAP
11.	A.T.	ABLUTION TAP

S.NO.	SYMBOL	DESCRIPTION
1.	Ⓡ	110 Ø P.V.C. RAIN WATER PIPE
2.	Ⓡ	160 Ø P.V.C. RAIN WATER PIPE
3.	Ⓢ	100 Ø P.V.C. SOIL AND VENT PIPE
4.	Ⓢ	75 Ø P.V.C. WASTE AND VENT PIPE
5.	Ⓢ	WATER SUPPLY PIPE (P.V.C.)
6.	Ⓢ	FRESH WATER SUPPLY PIPE (P.V.C.)

GROUND FLOOR PLAN PLUMBING

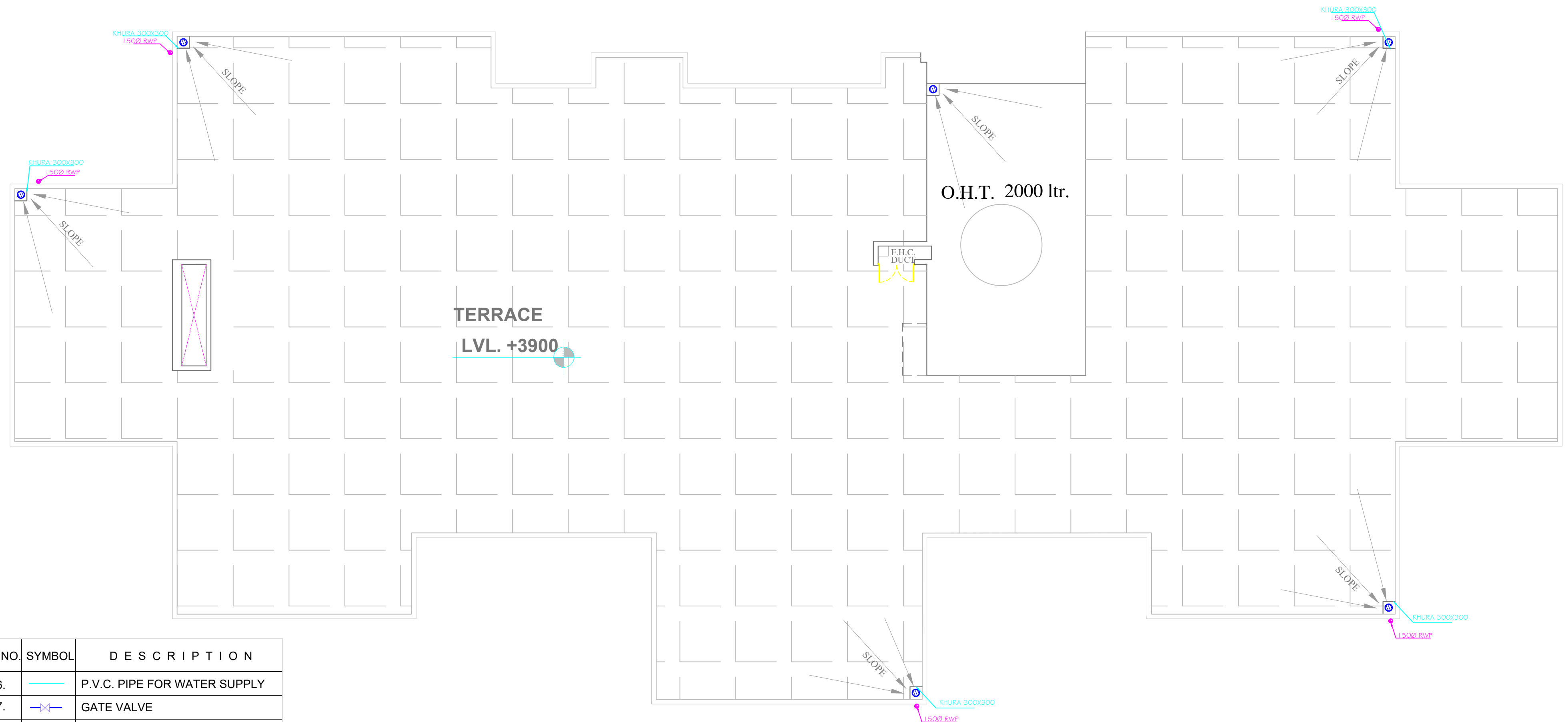
REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

HEALTH CARE CENTER BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO

DATE -16-05-2020 SIGN

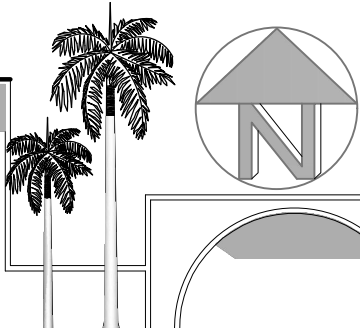
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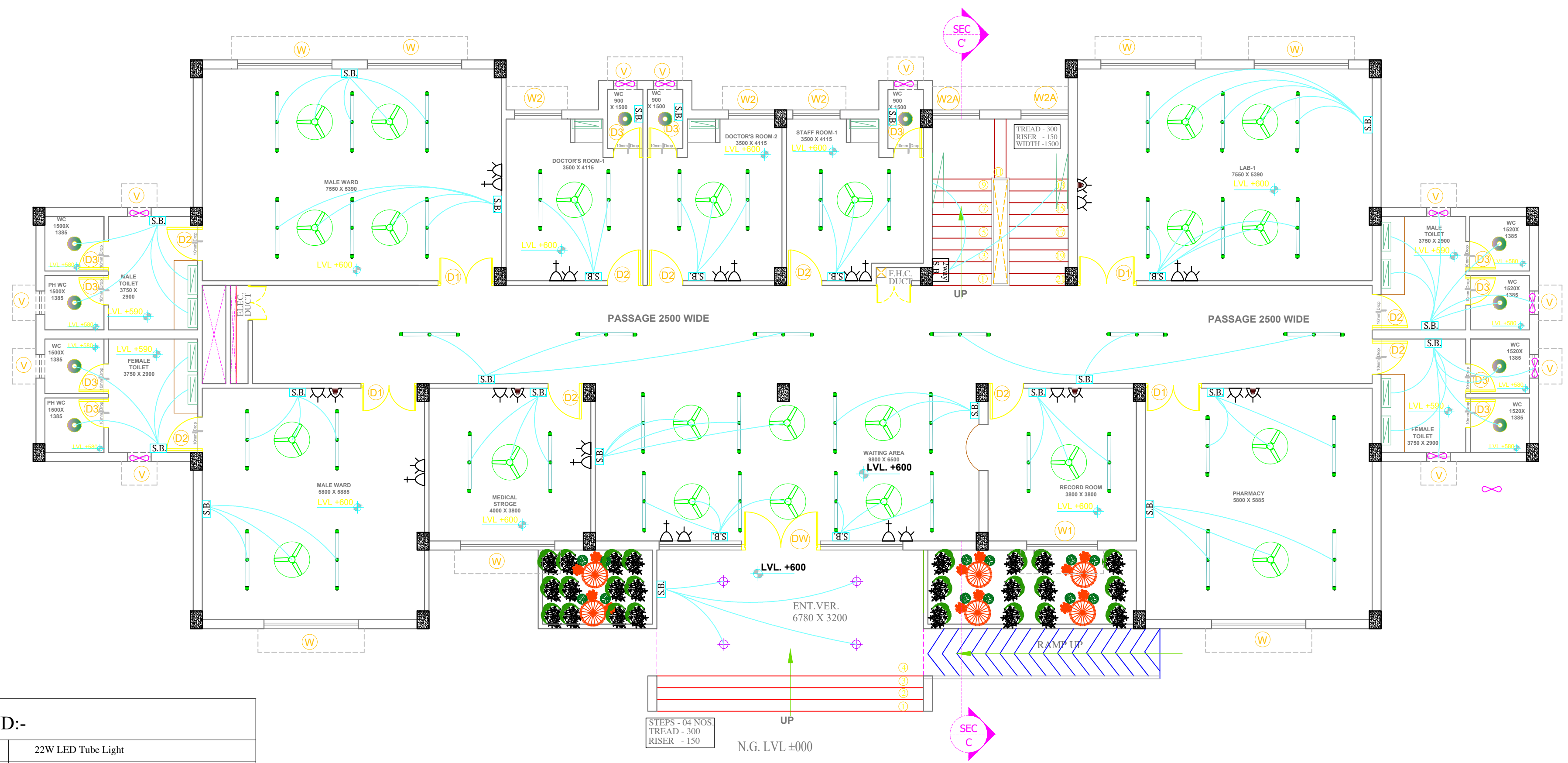


S.NO.	SYMBOL	D E S C R I P T I O N
6.		P.V.C. PIPE FOR WATER SUPPLY
7.		GATE VALVE
8.	M.H.	MAN HOLE
9.	F.T.	FLOOR TRAP
10.	G.T.	GULLY TRAP
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5.		WATER SUPPLY PIPE (P.V.C.)
6.		FRESH WATER SUPPLY PIPE (P.V.C.)

TERRACE FLOOR PLAN
PLUMBING

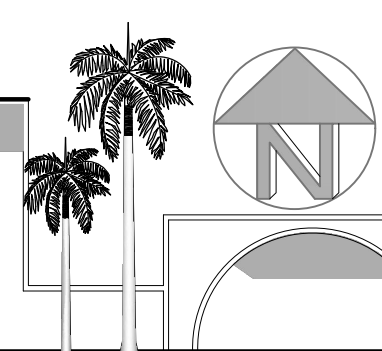




LEGEND:-	
	22W LED Tube Light
	6W Recess Light for Toilet
	22W LED surface downlight
	Ceiling Fan
	Exhaust fan
	Switch Board
	6A Power Socket at 300 mm Height
	6A Power Socket at 1200 mm Height with Switch Board
	16A Power Socket at 300 mm Height
	VTPN DB
	TPN DB
	12W LED Wall Bracket light
	20A Power Point with MCB 450 mm up from the floor Level
	MIRROR LIGHT
	TUBE LIGHT (ON WALL)
	CEILING LIGHT

GROUND FLOOR PLAN

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

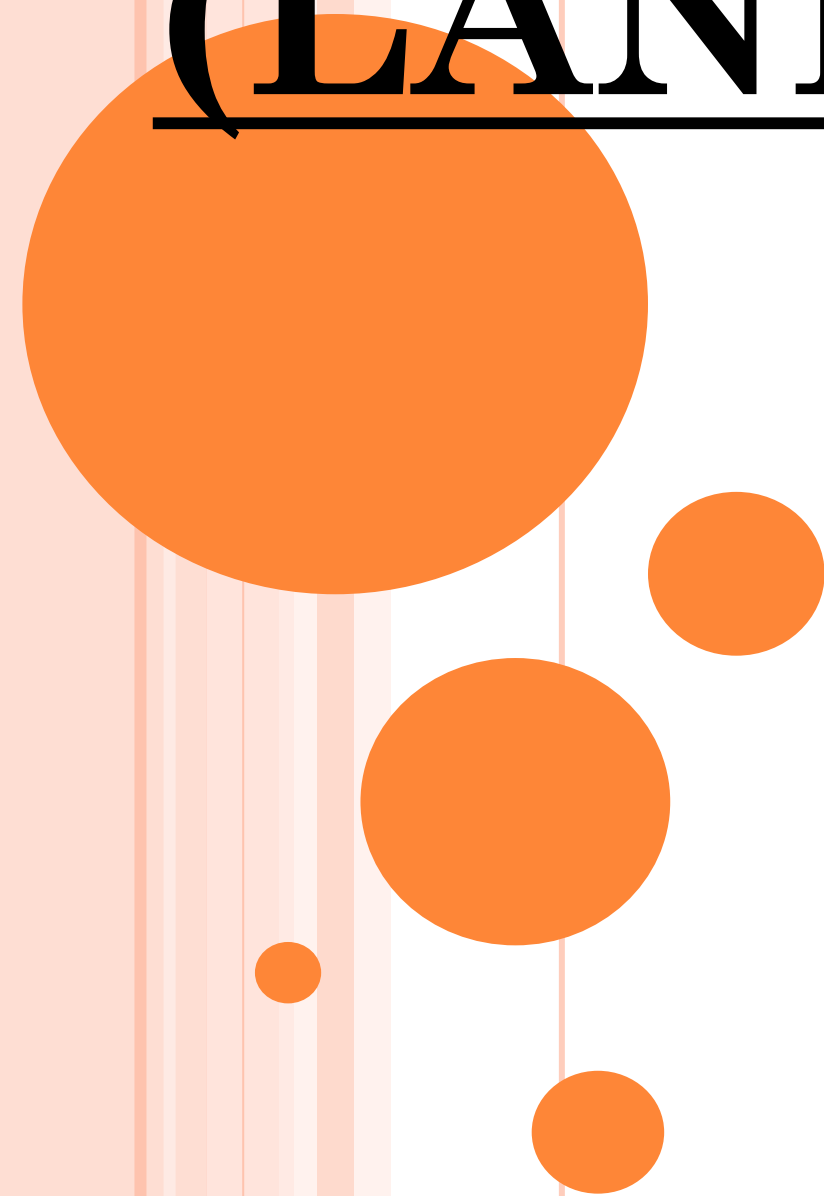


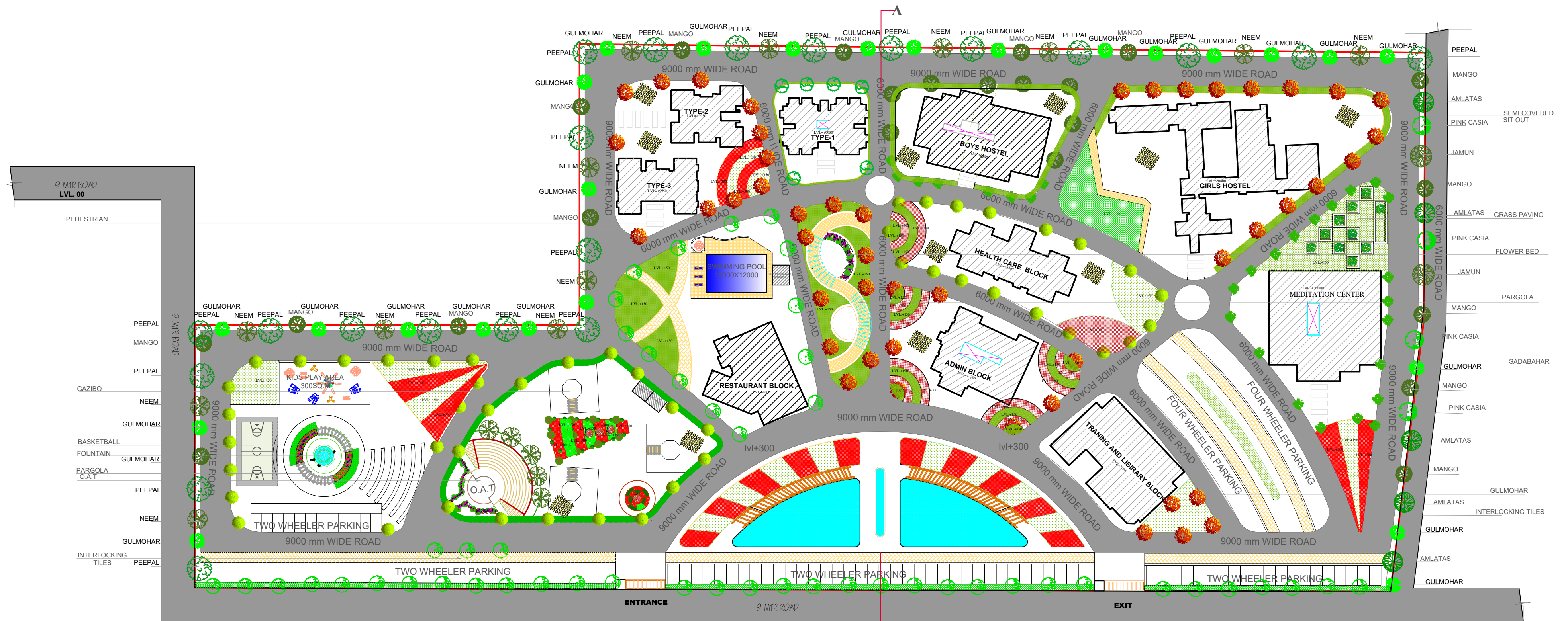
HEALTH CARE
CENTER BLOCK

NAME-ANKITA SINGH
SECTION-AR5-2
B.ARCH
ROLL NO-1150101015
BABU BANARASI DAS LKO
DATE -16-05-2020
SIGN

ELECTIVE-2

(LANDSCAPE WITH DETAIL)





SITE PLAN

S.NO	BOTANICAL NAME	LOCAL NAME	HEIGHT / SHAPE	FOLIAGE	FLOWERING	SPECIAL FEATURE	USES
1		GULMOHAR	15 TO 20 M	GLABROUS, LEAVES 10 TO 15 CM	WHITE, BELL-SHAPED, AT THE TIP OF THE BRANCH	CONTRASTING QUICK GROWING	SHADE, WIND BREAK, BOUNDARY PLANT
2		NEEM	15 TO 20 M	GLABROUS, LEAVES 10 TO 15 CM	WHITE, BELL-SHAPED, AT THE TIP OF THE BRANCH	CONTRASTING QUICK GROWING	SHADE, WIND BREAK, BOUNDARY PLANT
3		MANGO	15 TO 20 M	GLABROUS, LEAVES 10 TO 15 CM	WHITE, BELL-SHAPED, AT THE TIP OF THE BRANCH	CONTRASTING QUICK GROWING	SHADE, WIND BREAK, BOUNDARY PLANT
4		PEEPAL	15 TO 20 M	GLABROUS, LEAVES 10 TO 15 CM	WHITE, BELL-SHAPED, AT THE TIP OF THE BRANCH	CONTRASTING QUICK GROWING	SHADE, WIND BREAK, BOUNDARY PLANT

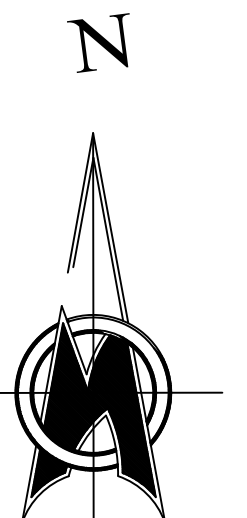
5		AMLATAS	15 TO 20 M	GLABROUS, LEAVES 10 TO 15 CM	WHITE, BELL-SHAPED, AT THE TIP OF THE BRANCH	CONTRASTING QUICK GROWING	SHADE, WIND BREAK, BOUNDARY PLANT
6		JAMUN	15 TO 20 M	GLABROUS, LEAVES 10 TO 15 CM	WHITE, BELL-SHAPED, AT THE TIP OF THE BRANCH	CONTRASTING QUICK GROWING	SHADE, WIND BREAK, BOUNDARY PLANT
7		PARGOLA	15 TO 20 M	GLABROUS, LEAVES 10 TO 15 CM	WHITE, BELL-SHAPED, AT THE TIP OF THE BRANCH	CONTRASTING QUICK GROWING	SHADE, WIND BREAK, BOUNDARY PLANT
8		SADABAHAR	15 TO 20 M	GLABROUS, LEAVES 10 TO 15 CM	WHITE, BELL-SHAPED, AT THE TIP OF THE BRANCH	CONTRASTING QUICK GROWING	SHADE, WIND BREAK, BOUNDARY PLANT
9		PINK CASIA	15 TO 20 M	GLABROUS, LEAVES 10 TO 15 CM	WHITE, BELL-SHAPED, AT THE TIP OF THE BRANCH	CONTRASTING QUICK GROWING	SHADE, WIND BREAK, BOUNDARY PLANT
10		AMLATAS	15 TO 20 M	GLABROUS, LEAVES 10 TO 15 CM	WHITE, BELL-SHAPED, AT THE TIP OF THE BRANCH	CONTRASTING QUICK GROWING	SHADE, WIND BREAK, BOUNDARY PLANT
11		GULMOHAR	15 TO 20 M	GLABROUS, LEAVES 10 TO 15 CM	WHITE, BELL-SHAPED, AT THE TIP OF THE BRANCH	CONTRASTING QUICK GROWING	SHADE, WIND BREAK, BOUNDARY PLANT
12		AMLATAS	15 TO 20 M	GLABROUS, LEAVES 10 TO 15 CM	WHITE, BELL-SHAPED, AT THE TIP OF THE BRANCH	CONTRASTING QUICK GROWING	SHADE, WIND BREAK, BOUNDARY PLANT
13		GULMOHAR	15 TO 20 M	GLABROUS, LEAVES 10 TO 15 CM	WHITE, BELL-SHAPED, AT THE TIP OF THE BRANCH	CONTRASTING QUICK GROWING	SHADE, WIND BREAK, BOUNDARY PLANT
14		AMLATAS	15 TO 20 M	GLABROUS, LEAVES 10 TO 15 CM	WHITE, BELL-SHAPED, AT THE TIP OF THE BRANCH	CONTRASTING QUICK GROWING	SHADE, WIND BREAK, BOUNDARY PLANT
15		GULMOHAR	15 TO 20 M	GLABROUS, LEAVES 10 TO 15 CM	WHITE, BELL-SHAPED, AT THE TIP OF THE BRANCH	CONTRASTING QUICK GROWING	SHADE, WIND BREAK, BOUNDARY PLANT



SECTION A-A'

AREA STATEMENT

SITE AREA- 10.00 acre [40468.6sq.mt]
 F.A.R - 1.25
 GROUND COVERAGE-25%
 ADMINISTRATION BLOCK- 520sq.mt
 HEALTH CARE BLOCK- 500sq.mt
 RESTAURANT- 620sq.mt
 MEDITATION BLOCK- 1050sq.mt
 BOYS HOSTEL- 730sq.mt
 GIRLS HOSTEL- 1150sq.mt
 TYPE HOUSE 1- 370sq.mt
 TYPE HOUSE 2 - 350 SQMT
 TYPE HOUSE3 - 380 SQMT
 RESTAURANT- 400sq.mt
 ACHIEVED BUILT UP AREA-20302sq.mt.
 PARKING 100Sq.mt- 2ECS
 300CAR FOR OPEN PARKING



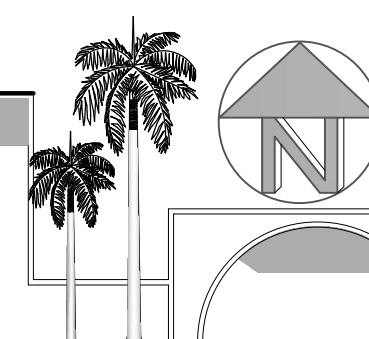
SITE PLAN

NAME-ANKITA SINGH
 SECTION-AR5-2
 B.ARCH
 ROLL NO-1150101015
 BABU BANARASI DAS LKO

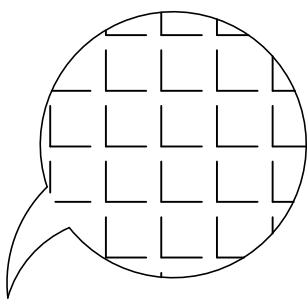
DATE -16-05-2020 SIGN

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS

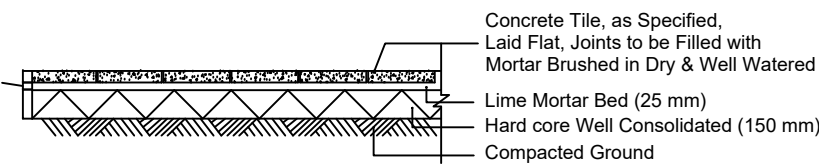
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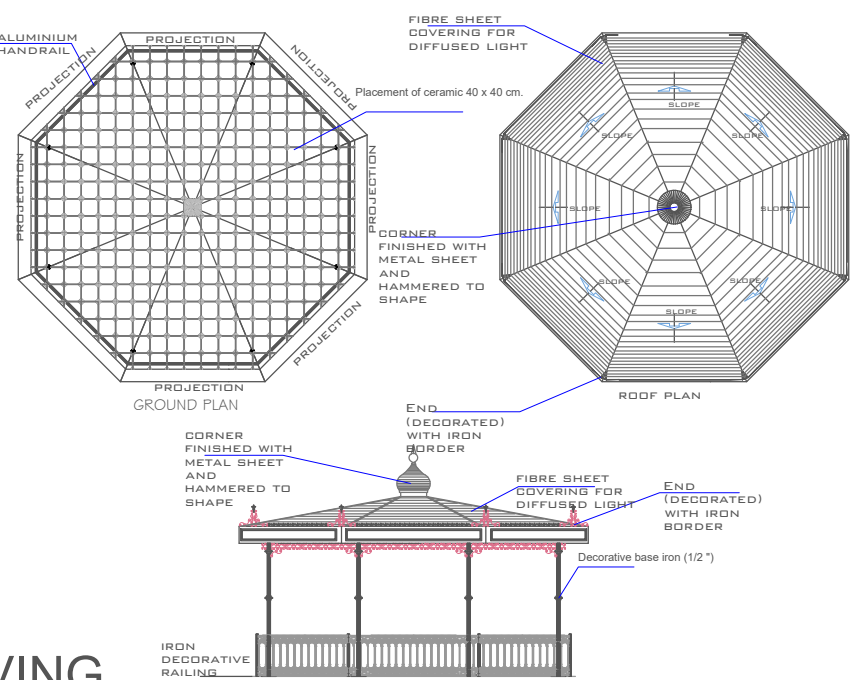
LANDSCAPE DETAIL



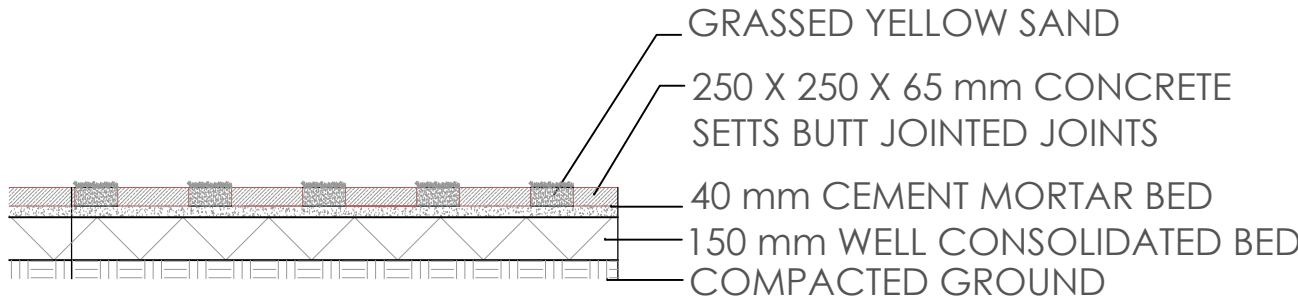
PLAN



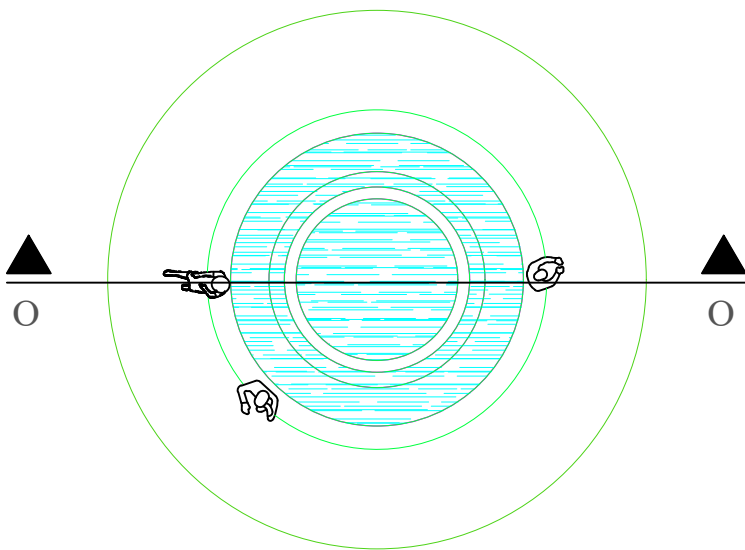
SECTION DETAIL OF PEDESTRIAN PAVING



DETAIL AT GAZEBO

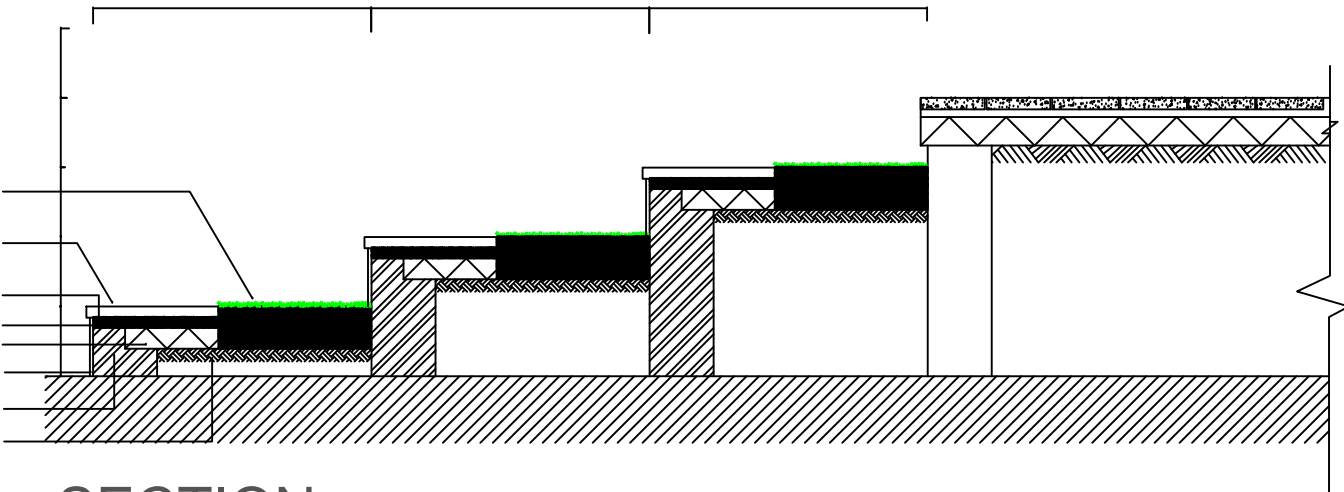


SECTION - CONCRETE SETT PAVING

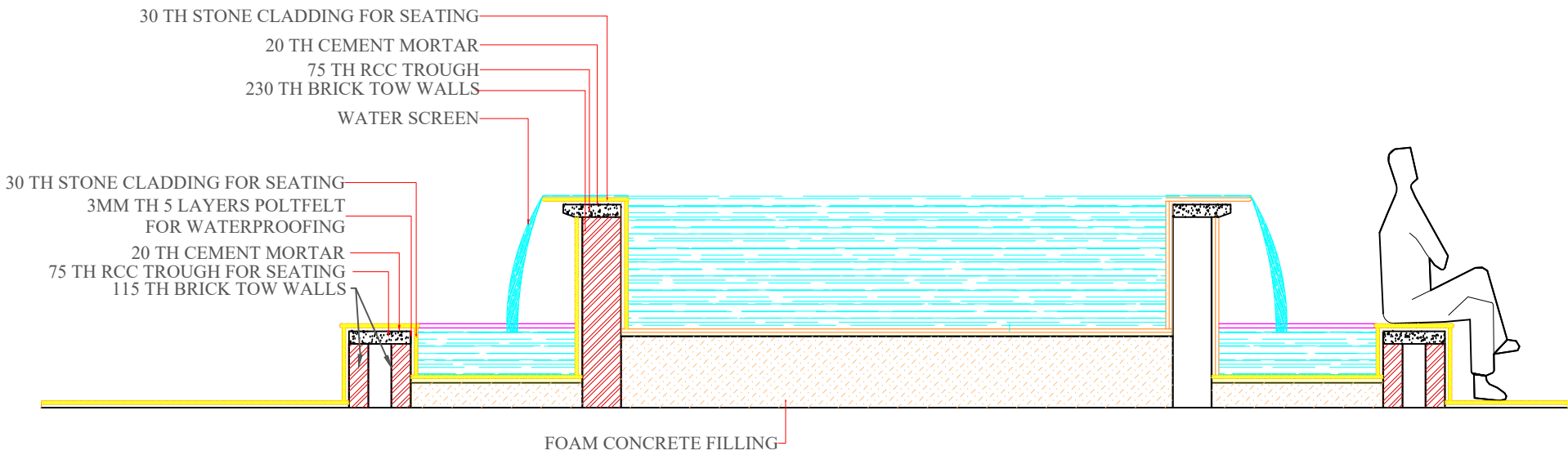


FOUNTAI DETAIL

- Grassed Yellow Sand (550 mm)
- Kota Stone Slabs (450 x 450mm)
- Cement Mortar (12 mm)
- PCC (25 mm)
- Well Consolidated Bed (75 mm)
- Plaster (12 mm)
- Brick Wall (230 mm)
- Compacted Earth

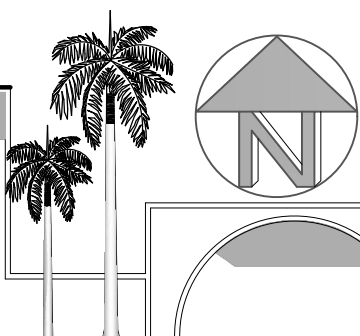


SECTION DETAIL OF OPEN AIR THEATER STEPS



SECTION OO

REHABILITATION CENTRE FOR ACID ATTACK SURVIVORS



SHEET NO.

SITE PLAN

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SECTION-AR5-2
B.ARCH
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