

OPEN JAIL (A PRISON WITHOUT BAR)
SIRAS KHERA, MORADABAD (U.P.)

**A Thesis Submitted
in Partial Fulfillment for the Requirements
for the Degree of**

BACHELOR OF ARCHITECTURE

in

Field of specialization(ARCHITECTURE)

by

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The journey which started 5 years ago has culminated....as I step into the world a series of people flash in my memory without whose support and good will this journey wouldn't have been easy and free flowing.....

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I have put in my best of efforts and worked day and night to make this project a success. Hope u too will appreciate my endeavour.....

I wish to dedicate this work to my love ones.....Who are always their in my heart.

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CERTIFICATE OF THESIS SUBMISSION FOR EVALUATION

1. Name :.....SANDEEP YADAV

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3. Thesis title :.. **OPEN JAIL (A PRISON WITHOUT BAR), SIRAS KHERA, MORADABAD (U.P.)**
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4. Degree for which the thesis is submitted:...BACHELOR OF ARCHITECTURE.....

5. Faculty of the University to which the thesis is submitted
.....

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

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

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

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

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

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

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

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INTRODUCTION

ABOUT THE JAIL

- JAIL IN ITS GENERAL SENSE , IS A PLACE WHERE A PERSON WHO IS CONVICTED OF AN OFFENCE AND HAVE BEEN AWARDED PUNISHMENT OF IMPRISONMENT FOR A SPECIFIC TIME PERIOD, IS KEPT.
- **EARLIER, THE CONCEPT OF JAIL WAS CONFINED TO THE ENCLOSED WALLS WHEREIN THE CONVICTED PERSON WAS KEPT WITH AN INTENTION TO KEEP HIM AWAY FROM THE SOCIAL LIFE AND LUXURIES AND REPENT FOR THE WRONG DONE BY HIM.**
- AFTER QUITE A LONG TIME, THE SOCIETY AND THE AUTHORITIES IN POWER WERE ABLE TO UNDERSTAND THAT EVEN THE PRISONERS SHOULD ENJOY THE DIGNIFIED LIFE.
- EARLIER, THE SOCIETY AND GOVERNMENT WERE LITTLE INSENSITIVE TOWARDS THE HUMAN RIGHTS OF THE PRISONERS . HOWEVER, THE FACT WAS LATER ON REALISED THAT A SOCIETY IS DEEMED TO BE CIVILISED ONE AND A WELL ORGANISED ONE IN ACCORDANCE WITH THE LAW ONLY WHEN THE INDIVIDUALS ARE GIVEN DUE RECOGNITION TO THEIR FUNDAMENTAL RIGHTS, NO MATTER IF HE IS A NORMAL CITIZEN OR A PERSON CONVICTED OF AN OFFENCE AND CONFINED BEHIND THE BARS.

WHAT IS 'OPEN JAIL'

- **OPEN JAIL** REFERS TO THE PRISONS THAT INVOLVE MINIMUM SECURITY AND IS MAINLY DEPENDENT ON THE SELF-DISCIPLINE OF THE INMATES. THE RULES OF THESE JAILS ARE LESS HARSH AND COMPARED TO THE RULES OF THE OTHER PRISONS
- FOR THIS REASON , THEY ARE ALSO KNOWN AS OPEN AIR CAMPS, PRISON WITHOUT BARS OR MINIMUM SECURITY PRISONS.
- THESE PROMOTE ONE OF THE MAJOR PRINCIPLES OF PUNISHMENT KNOWN AS THE “**REFORMATIVE THEORY**” WHERE INSTEAD OF SEVERELY PUNISHING THE CONVICT AN OPPORTUNITY IS PROVIDED TO REFORM ONE SELF AND GET INTO THE MAINSTREAM LIFE.
- SOMETIMES, PEOPLE COMMIT SERIOUS CRIMES OUT OF SHORT-LIVED ANGER. WHEN THESE PEOPLE REMAIN IN PRISON FOR A LONG DURATION. THEY BECOME INCLINED TO REVOLT AGAINST THE SOCIAL SYSTEM, DEVELOP NEGATIVE FEELINGS.



- TO SHIELD THEM FROM THESE NEGATIVE FEELINGS AND ENSURE THEIR SOCIAL INTEGRATION, THIS EXPERIMENT OF OPEN JAILS IS THE BEST OPTION.
- WHEN THESE PRISONERS WILL WALK [OUT] OF THE OPEN JAIL. THEY WILL BE BETTER EQUIPPED TO ACCEPT THE SOCIETY AND THE SOCIETY TOO WILL HAVE A BETTER UNDERSTANDING ABOUT THEM.



ABOUT THE CITY (MORADABAD, UTTAR PRADESH)

MORADABAD IS A CITY AND A MUNICIPAL CORPORATION IN MORADABAD DISTRICT OF UTTAR PRADESH. IT IS BELIEVED THAT THE CITY IS NAMED AFTER PRINCE MURAD BAKSH, THE SON OF THE MUGHAL EMPEROR SHAH JAHAN. MORADABAD DISTRICT FROM A PART OF GANGETIC ALLUVIAL PLAIN AND LIES BETWEEN 28°20' AND 29 °16' NORTH LATITUDES AND 78°24' AND 79°0 EAST LATITUDE COVERING AN AREA OF 3759.79 SQ.KM. ELEVATION IS 198M. MORADABAD IS SITUATED ON THE BANKS OF RAMGANGA RIVER, AT A DISTANCE OF 167 KM (104MI) FROM THE NATIONAL CAPITAL, NEW DELHI AND 344 KM NORTH-WEST OF THE STATE CAPITAL LUCKNOW. THE CITY IS KNOWN AS "PEETAL NAGRI"(BRASS CITY) FOR ITS FAMOUS BRASS HANDICRAFTS INDUSTRY.



OBJECTIVES

- THE PURPOSE OF DESIGNING A OPEN JAIL TO GIVE
- JUSTICE TO A PERSON WHO HAS FACED ANY KIND OF INJUSTICE.
- TO CONSTRUCT A PROPER FACILITIES SUCH AS MEDICAL FACILITIES, WORKSHOPS, SECURE PLAYGROUND SCHOOLS, SPACE FOR MEDITATION ETC.
- TO PROVIDE SOME KIND OF EMPLOYMENT SO THAT PRISONERS EVEN AFTER BEING INJAIL CAN SERVE THE FAMILY.
- TO PROVIDE BETTER ENVIRONMENT OF WORK.

ELIGIBILITY AND CRITERIA FOR OPEN JAIL

- ACCORDING TO THE POLICY DRAFT CONVICTS IN TERROR CASES AND CASES INVOLVING HEINOUS OFFENCES. SUCH AS MURDER AND RAPE, WILL NOT BE ELEGIBLE FOR TRANSFER. THESE GUIDELINES, IF APPROVED WILL BE APPLICABLE TO ALL OPEN INSTITUTIONS IN THE COUNTRY.

- AT PRESENT, ELIGIBILITY CRITERIA FOR OPEN PRISONS VARY IN SOME STATES.
- ACCORDING TO THE NATIONAL GUIDELINES, WHICH ARE UNDER THE FINAL SCRUTINY OF THE MINISTRY OF HOME AFFAIRS. THE CONDUCT OF THE PRISONER WILL BE CRUCIAL IN DECIDING HIS/HER FATE. IN ORDER TO GET TRANSFERRED TO AN OPEN PRISON, AN INMATE MUST HAVE SPENT FIVE YEARS IN A CLOSED JAIL AND THE ELIGIBILITY FOR GETTING TRANSFERRED TO A SEMI-OPEN PRISON WOULD REQUIRE AN INMATE TO SPEND TWO YEARS IN A CLOSED PRISON. THESE ARE NOT OPEN FOR UNDER TRIAL PRISONERS. EVEN THE LIFE CONVICTS WHO HAVE SHOWED GOOD CONDUCT CAN BE TRANSFERRED TO SEMI-OPEN OR OPEN PRISONS.

NEED OF OPEN JAIL

- INDIAN JAILS ARE SO CROWDED THAT THERE ARE 600% MORE INMATES THAN ACTUAL CAPACITY AND THE PRISONS ARE CRAMMED WITH PRISONERS.
- MAJORITY OF THE EXISTING JAILS HAVE MORE NO. OF PRISONERS IN THEIR PREMISES THAN THE NO. THAT ACTUALLY IS PLANNED. NEITHER THEIR IS PROPER FACILITIES PROVIDED NOR THERE IS ENOUGH STAFF TO SUPERVISE THE AREA OR THE OVERCROWDING.
- AS PER THE SURVEY REPORTS- THE CRIME RATE OF UTTAR PRADESH IS MORE THAN THE REST.
- THE PRISONERS SENT TO A PARTICULAR JAIL DEVELOP A CERTAIN MIND SET AND ALSO THEY PSYCHOLOGICALLY ACCEPT THE WAY AND CONTINUE TO DO THE SAME ACTIVITIES EVEN BEING IN PRISON OR NOT.
- SO WITH OPEN JAIL THE SOCIETY CAN BE BENEFITTED IN A WAY THAT A PERSON WITH LESS CRIMINAL RECORDS CAN BE SENT THERE AND APPRISED WITH NEW OPPORTUNITIES AND TAUGHT THE SOCIAL VALUES SO THAT THERE CAN BE CHANCE OF REFORMATION IN THEIR BEHAVIOUR

CONCEPT AND WORKING OF OPEN JAIL

- THE IDEA IS TO HELP A PRISONER TO RE-SOCIALIZE WITH THE OUTSIDE WORLD AND REHABILITATE AND REFORM HIMSELF SO AS TO BE READY TO ABSORB THE ENVIRONMENT OF OUTSIDE WORLD ONCE HIS TERM OF IMPRISONMENT IS OVER.
- HOWEVER, A PRISONER WHO HAS BEEN SENTENCED TO LIFE IMPRISONMENT COULD ALSO BE SENT TO OPEN PRISON DEPENDING UPON THE FULFILMENT OF CERTAIN CONDITIONS OR RULES. THE OPEN JAILS IN INDIA INVOLVE THE ACTIVITIES SUCH AS FARMING AND ANIMAL HUSBANDRY.
- THE PRISONERS WHO HAVE COMPLETED A SUBSTANTIAL AMOUNT OF THEIR PUNISHMENT IN CLOSED PRISON AND WHO HAVE SHOWN A GOOD BEHAVIOUR THROUGHOUT THAT DURATION ARE ELIGIBLE TO BE SENT TO OPEN PRISONS.

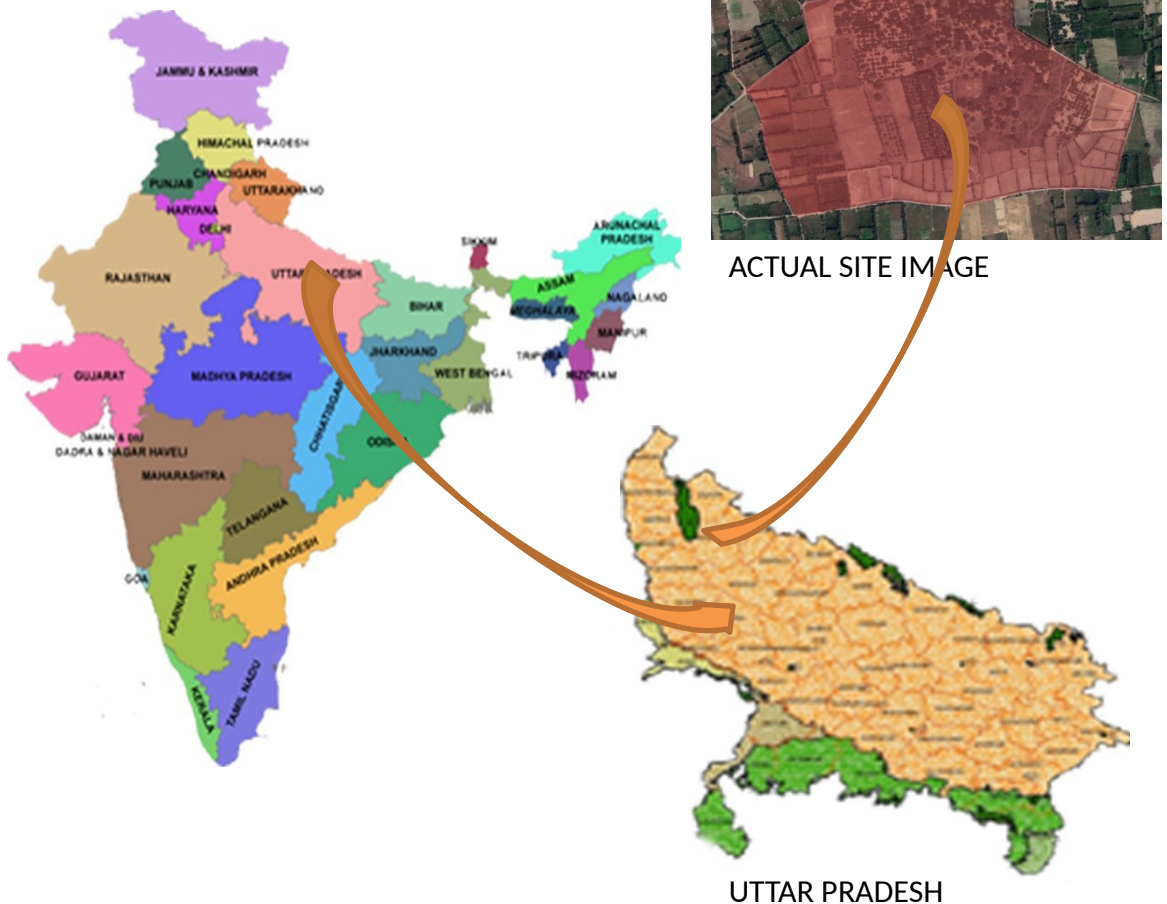
SITE STUDY

SITE APPROACH

SITE DETAIL

- **CLIENT:** U.P. PRISON DEPARTMENT
- **LOCATION:** MANDERWALA MAJHRA (MUNDHA PANDE), DISTRICT MORADABAD, UTTAR PRADESH
- **SITE AREA:** 99.4 ACRES
- **SHAPE:** IRREGULAR
- **TOPOGRAPHY:** THE SITE IS FLAT LAND

CO-ORDINATES : 28°49'39" N
78°55'16" E



ACTUAL SITE IMAGE

UTTAR PRADESH

NEAREST BUS STAND:

MORADABAD BUS STAND- 19 KM

NEAREST RLY.STN :

MUDHA PANDE RAILWAY STATION - 12.5 KM AWAY
DALPATPUR RAILWAY STATION - 14.4 KM AWAY
GOT RAILWAY STATION - 16.1 KM AWAY

NEAREST AIRPORT :

NEAREST AIRPORT TO THE SITE IS PANTNAGAR AIRPORT, WHICH IS 79 KM AWAY FROM THE SITE.



SITE SURROUNDING

WATER BODIES:

- RAMGANGA RIVER ON THE WEST DIRECTION AROUND 25KM FROM THE SITE AND KOSI RIVER ON THE EAST DIRECTION AROUND 20KM FROM THE SITE.



RAMGANGA RIVER

TOPOGRAPHY:

- THE SITE IS A PLAIN PIECE OF LAND WITH NEGLIGIBLE SLOPES. THE SITE CONTAINED MANGO GARDEN AND GUAVA GARDEN ON IT.



PLAN LAND

SERVICES:

- ELECTRICITY POLES EXIST AROUND THE SITE.
- THERE IS NO WATER PIPE LINE AROUND THE SITE.
- THERE IS NO SEWER LINE.
- THE MODE OF TRANSPORTATION TO THE SITE IS AUTO RICKSHAW & SELF VEHICLE..



APPROACHING ROAD



ELECTRIC POLE

SOIL CONDITION:

- THE SOIL TYPE OF THE SITE IS ALLUVIAL SOIL.
- THE SOIL BEARING CAPACITY IS 6 TON/SQ. M.

VEGETATION:

THERE ARE THE GARDEN OF MANGO TREES AND GUAVA TREES ON THE SITE



MANGO TREES



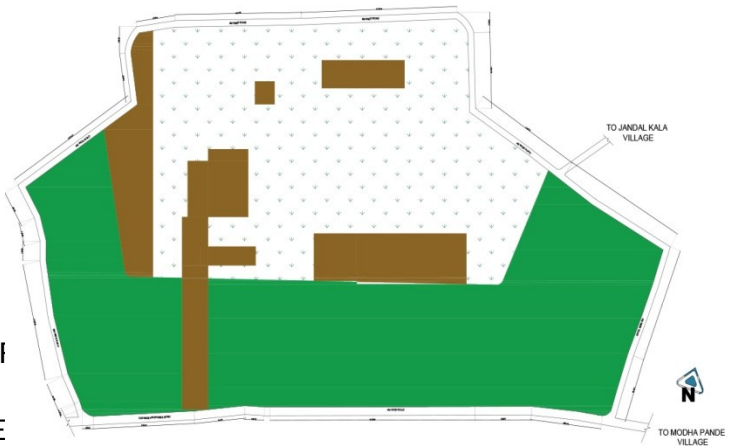
GUAVA TREES

SHOWING THE SITE :



INFERENCES

- BECAUSE OF THE PRESENCE OF THE SITE IN THE OUTSKIRTS OF THE CITY, IT HAS AN INDEPENDENT QUIET, PEACEFUL ENVIRONMENT AND IS AN ADVANTAGE WITH RESPECT TO THE SECURITY.
- AS THERE IS NO PROBLEM OF TRANSPORTATION FROM THE NH-24, SO IT WOULD BE HELPFUL FOR THE STAFF MEMBERS.
- THE CITY LIFE WILL NOT GET DISTURBED DURING EMERGENCY SITUATIONS.
- ELECTRICITY HAS TO BE CONSIDERED.



SITE PLAN

BYE LAWS

- GROUND COVERAGE: 30%
- FLOOR AREA RATIO: 2
- SET BACK FRONT SIDES: 15 MTS
- BACK AND BOTH REAR SIDE : 9 MTS
- PARKING SPACE REQUIREMENT SPECIFY 1CARS PARK EVERY 100 SQ.M. OF BUILT UP AREA.
- LANDSCAPING: 20% OF TOTAL PLOT AREA SHALL BE LANDSCAPED. TREES SHALL BE PLANTED AT A RATE OF 125 TREES PER HECTARE.

SWOT ANALYSIS

• **STRENGTHS**

- **LOCATION:** THE SITE IS LOCATED IN THE MIDST OF AGRICULTURAL LAND WITH MINIMUM HUMAN INTERFERENCE WHICH IS AN IMPORTANT DESIGN FACTOR FOR THE TYPE OF PROJECT.
- **LAND TYPE:** THE AGRICULTURAL LAND IS PRESENT ON THE SITE WHERE FARMING COULD BE DONE BY INMATES.
- **RIVER:** AS THERE IS NO SEWER LINE NEARBY ALONG THE SITE RIVER WILL ACT AS DISPOSAL FOR TREATED WASTE.
- **SERVICES:** ELECTRICAL POLES PRESENT NEAR THE SITE, WATER TABLE IS HIGH ACTING AS A SOURCE OF WATER SUPPLY.

WEAKNESS:

SEWAGE DISPOSAL: IS AN ISSUE BECAUSE THERE IS NO SEWER LINES RUNNING ANYWHERE NEARBY THE SITE.

APPROACH ROAD:

PRESENT WIDTH OF THE ROAD IS NOT SUFFICIENT ENOUGH FOR THE TRAFFIC MOVEMENT.

OPPORTUNITIES:

SITE GRADIENT: AS COMPARED TO THE SIZE OF THE PLOT THE SITE GRADIENT IS ALMOST FLAT ACING AS A TYPE OF LAND REQUIRED FOR PRISON DESIGN.

TREES: PRESENCE OF MANGO AND GUAVA TREES ON THE SITE WILL HELP IN OBSTRUCTING SUMMER SUN RAYS AND ALSO PROVIDE SEASONAL FRUITS TO THE INMATES.

BUILT UP ZONE: MINIMUM BUILT UP AREA AROUND THE VICINITY OF THE SITE GIVES OPPORTUNITY TO DESIGN FREELY AND WITH MINIMUM RESTRICTIONS.

THREATS:

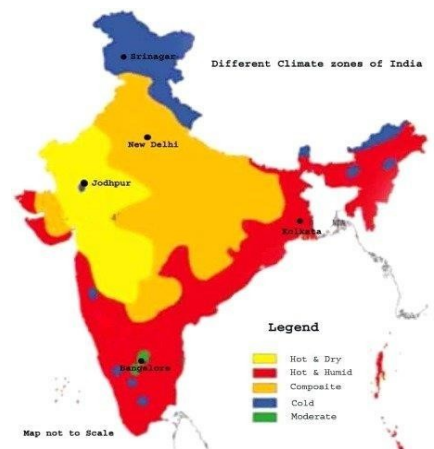
Security is the main threat.

CLIMATE

CLIMATE IS A MEASURE OF THE AVERAGE PATTERN OF VARIATION IN TEMPERATURE, HUMIDITY, ATMOSPHERIC PRESSURE, WIND, PRECIPITATION, AND OTHER METEOROLOGICAL VARIABLES IN A GIVEN REGION OVER LONG PERIODS OF TIME.

CLIMATE IS DIFFERENT THAN WEATHER, WEATHER ONLY DESCRIBES THE SHORT-TERM CONDITIONS OF THESE VARIABLES IN A GIVEN REGION.

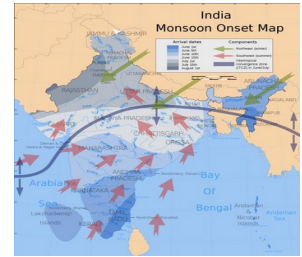
THE CLIMATE OF A LOCATION IS AFFECTED BY ITS LATITUDE, TERRAIN, AND ALTITUDE, AS WELL AS NEARBY WATER BODIES.



AMONG ALL THE CLIMATIC GROUPS IN INDIA, THE DISTRICT AND THE SITE LIES UNDER THE SUB-TROPICAL HUMID CLIMATE GROUP KNOWN AS COMPOSITE CLIMATE CHARACTERIZED BY HOT, HUMID SUMMERS AND GENERALLY MILD TO COOL WINTERS.

THE FACTORS WHICH ARE AFFECTING THE HUMAN COMFORT AND THE BUILDING ARE-

- RAINFALL
 - TEMPERATURE
 - HUMIDITY
- SKY CONDITIONS
 - WIND MOVEMENT
 - SUN MOVEMENT



SITE CLIMATE

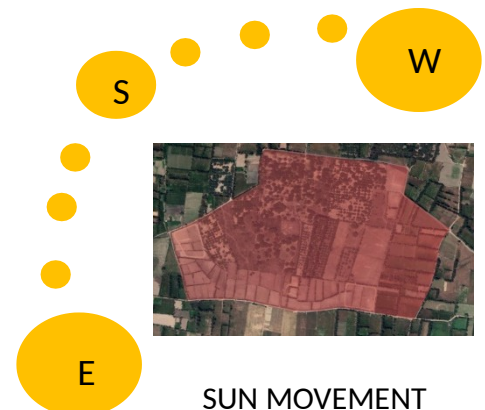
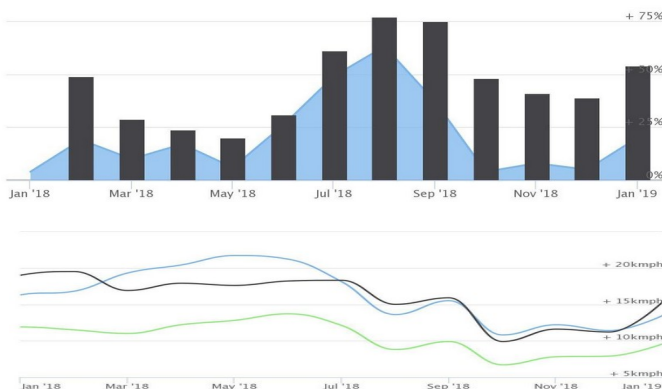
IN MORADABAD,

RAINFALL- THE DRIEST MONTH IS APRIL. THERE IS 4 MM OF PRECIPITATION IN APRIL. MOST PRECIPITATION FALLS IN JULY, WITH AN AVERAGE OF 285 MM. THE PRECIPITATION VARIES 281 MM BETWEEN THE DRIEST MONTH AND THE WETTEST MONTH. THE AVERAGE ANNUAL RAINFALL IS 976 MM.

TEMPERATURE - WITH AN AVERAGE OF 32.6 °C, JUNE IS THE WARMEST MONTH. IN JANUARY, THE AVERAGE TEMPERATURE IS 14.6 °C. IT IS THE LOWEST AVERAGE TEMPERATURE OF THE WHOLE YEAR. THE AVERAGE TEMPERATURES VARY DURING THE YEAR BY 18.0 °C

	January	February	March	April	May	June	July	August	September	October	November	December
Avg. Temperature (°C)	14.6	17.2	22.4	28.1	32.2	32.6	29.5	28.7	28.2	25.1	19.8	15.8
Min. Temperature (°C)	8.1	10.1	14.8	20	24.7	26.7	25.7	25.2	24	18.7	12	8.6
Max. Temperature (°C)	21.1	24.3	30	36.2	39.7	38.5	33.4	32.2	32.5	31.6	27.6	23
Avg. Temperature (°F)	58.3	63.0	72.3	82.6	90.0	90.7	85.1	83.7	82.8	77.2	67.6	60.4
Min. Temperature (°F)	46.6	50.2	58.6	68.0	76.5	80.1	78.3	77.4	75.2	65.7	53.6	47.5
Max. Temperature (°F)	70.0	75.7	86.0	97.2	103.5	101.3	92.1	90.0	90.5	88.9	81.7	73.4
Precipitation / Rainfall (mm)	27	20	16	4	14	86	285	282	170	59	4	9

HUMIDITY- IN THE MONSOON AND THE POST MONSOON SEASONS THE RELATIVE HUMIDITY IS HIGH, BEING ABOVE 70%. THEREAFTER THE HUMIDITY DECREASES 20% TO 40% AND IN THE SUMMER AIR IS VERY DRY. THE AVERAGE HUMIDITY IS 67%.



SUN MOVEMENT

WIND SPEED- WINDS ARE IN GENERAL VERY LIGHT WITH A SLIGHT INCREASE IN FORCE THE LATE SUMMER AND MONSOON SEASONS. THE MEAN ANNUAL WIND BLOW 5.1 KM/H, AND FROM MANY YEARS THE DIRECTION OF PREVAILING WINDS IS FROM NORTH-EAST TO SOUTH-WEST DIRECTION.

SKY CONDITIONS- DURING THE MONSOON SEASON, AND FOR BRIEF SPELLS OF A DAY OR TWO IN ASSOCIATION WITH PASSING DISTURBANCES IN WINTER, HEAVILY CLOUDED OR OVERCAST SKIES PREVAIL IN THE REST OF THE YEAR.

LITERATURE STUDY

DISTRICT JAIL, AT SRAWASTI (U.P.)

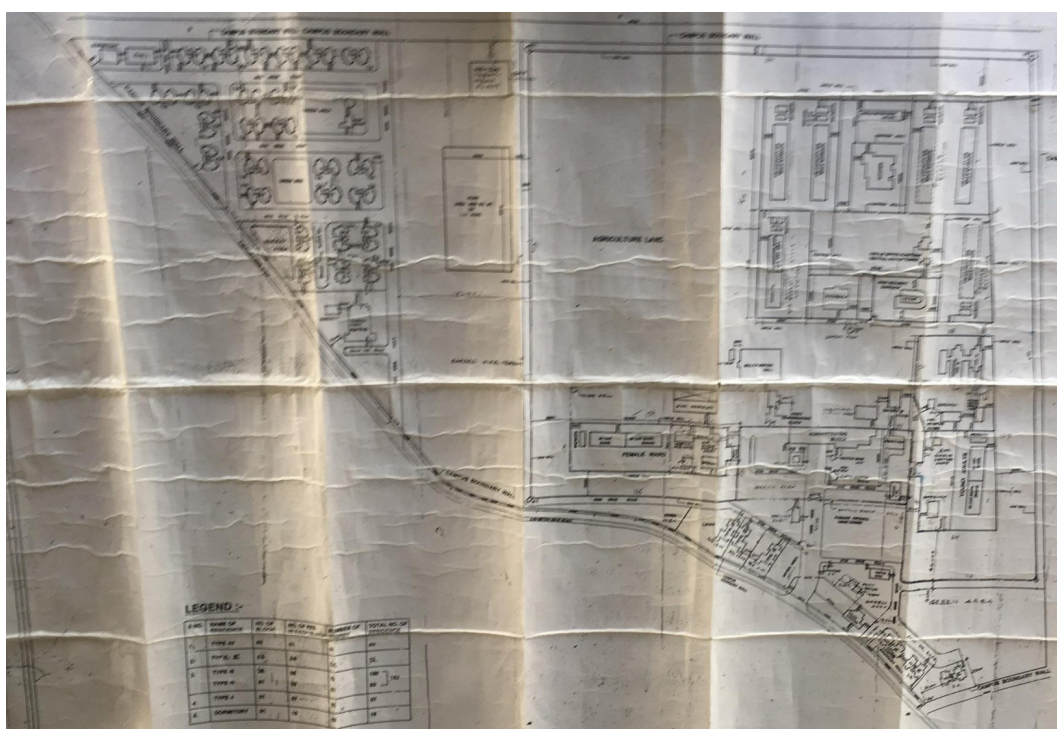
COUNTRY : INDIA
STATE: UTTAR PRADESH
DISTRICT: SHRAVASTI
TEHSIL: BHINGA
VILLAGE: HALLAJOR
COORDINATES: 27°40'32"N
81°56'19"E
ELEVATION: 120M

ABOUT:

THE JAIL IS 9.5KM FROM THE DISTRICT SHRAVASTI AND 3.2KM FROM THE TEHSIL BHINGA OF DISTRICT SHRAVASTI (U.P.).

THE AREA OF JAIL IS 56.676ACRES OR 2,29,359.27 SQ.MT. THE SITE CONSISTS OF NON-RESIDENTIAL(JAIL) LAND, RESIDENTIAL LAND AND AGRICULTURE LAND.

THE CAPACITY OF JAIL IS 506 PRISONERS.



SITE PLAN

THE NEW JAIL HAVE -

<u>S.NO.</u>	<u>NAME</u>	<u>NO.S</u>	<u>CAPACITY</u>
1.	Male barrack	3	120 (each)
2.	Quarantine barrack	1	60
3.	Male isolation cells	10	1 (each)
4.	Female barrack	1	30
5.	Female isolation cell	2	1 (each)
6.	Juvenile barrack	1	30
7.	Juvenile isolation cell	2	1 (each)
8.	Pakshala (Kitchen)	4	-
9.	Watch tower	5	-
10.	Commanding officer room	1	-
11.	Pathshala (school)	3	-
12.	High security cell	6	2 (each)
13.	Hospital	2	-
14.	Multi purpose hall	1	-
15.	Bakery	1	-
16.	Video conferencing hall	1	-
17.	Godowns	5	-
18.	Identification shed	1	-
19.	Meeting hall	1	-
20.	Canteen for visitors	1	-
21.	Substation	4	-
22.	Overhead tank	2	100KL (each)
23.	Visitors shed	1	-
24.	Garage	3	-
25.	Police chowki	1	-
26.	Armory room	1	-
27.	Main admin block	1	-
28.	Watchman hut	1	-
29.	S.T.P.	1	-
30.	Residence - Type IV	3 blocks	3 flats
31.	Residence - Type III	3	12 flats
32.	Residence - Type II	26	153 flats
33.	Residence - Type I	1	7 flats
34.	Dormitory	1	16
35.	Convention hall	1	-

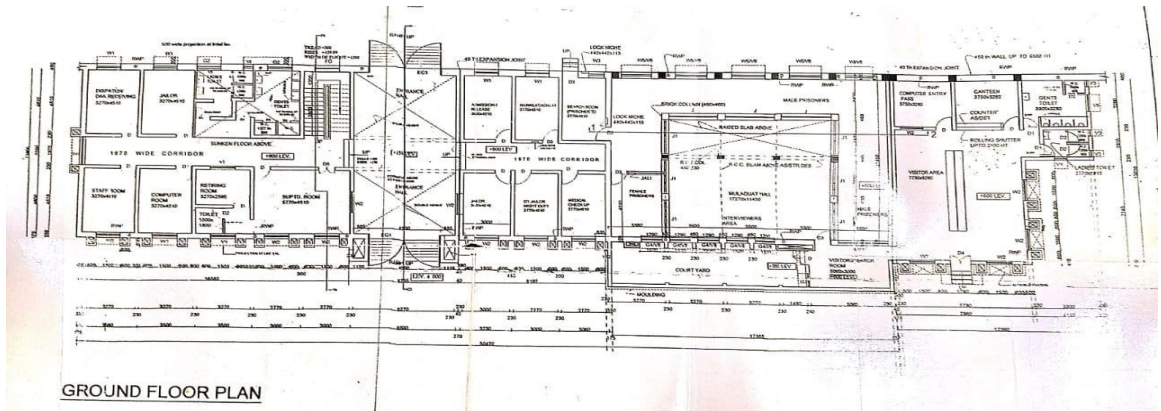
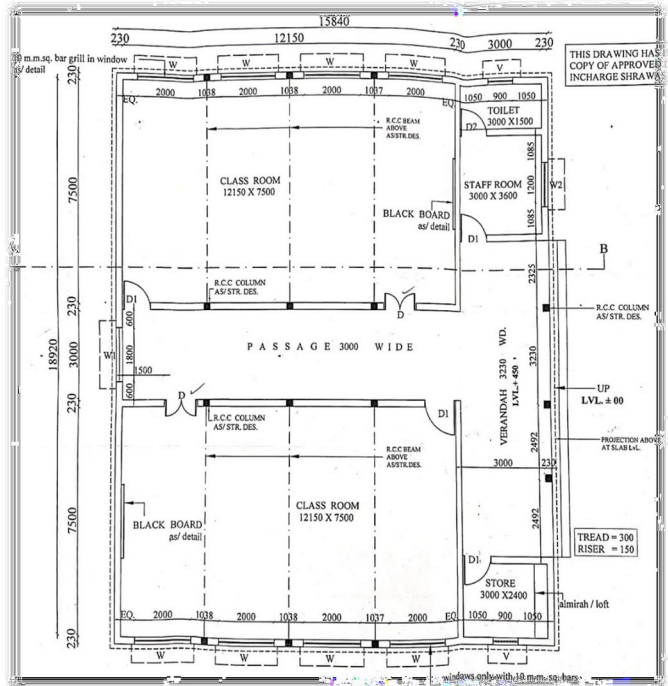
LITERATURE STUDY -1

IT IS A DOUBLE STOREY BUILDING.
SPACES PROVIDED IN
ADMINISTRATIVE BLOCK ARE:

ADMIN BLOCK

- SUPERINTENDENT ROOM WITH ATTACHED TOILET AND RETIRING ROOM.
- JAILOR ROOM WITH ATTACHED TOILET.
- DEPUTY JAILOR ROOM
- COMPUTER ROOM
- STAFF ROOM
- MULAQUAT HALL
- ACCOUNT OFFICE
- VISITOR AREA
- COMPUTER ENTRY PASS
- CANTEEN
- SEARCH ROOM
- TOILETS

PATHSALA ,SCHOOL (PLAN)



ADMIN BLOCK PLAN

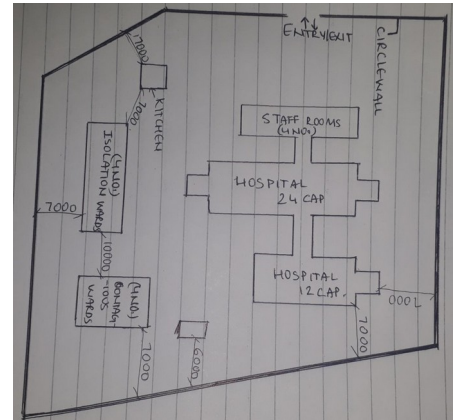


HOSPITAL

THERE IS A INDEPENDENT COMPOUND OF MAIN HOSPITAL. IT IS A SINGLE STOREY BUILDING.

SPACES PROVIDED IN HOSPITAL ARE:

- TOTAL 36 CAPACITY GENERAL WARD, WHICH DIVIDES 30 MALE WARDS AND 6 FEMALE WARDS.
- IT INCLUDES A SEPARATE BUILDING OF 4 NO. SINGLE SEATED WARDS FOR CONTAGIOUS DISEASES.
- IT ALSO INCLUDES A SEPARATE BUILDING OF 4 NO. ISOLATION WARDS.
- 4 STAFF ROOMS, SEPARATE KITCHEN AND DAY TOILETS.

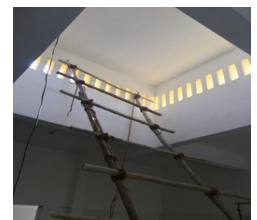


KITCHEN

- THERE IS 1 MAIN PAKSHALA (KITCHEN) FOR MALE BARRACKS, 1 FOR FEMALE BARRACKS, 1 FOR MAIN HOSPITAL AND 1 FOR CONVENTION HALL.
- IT INCLUDES COOKING AREA OF 9000 X 9000, ATTA PREPARATION ROOM OF 5100 X 7050 AND OTHER ROOMS FOR VEGETABLE CUTTING, STORAGE.
- A SEPARATE WASHING AREA OF 5400 X 4750 WHICH HAS 4 SINKS.
- A GODOWN FOR LPG SUPPLY AND STORAGE.
- STAFF ROOM WITH ATTACHED TOILET.



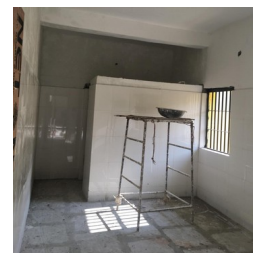
LPG GODOWN



VENTILATION



WASHING AREA



STAFF ROOM

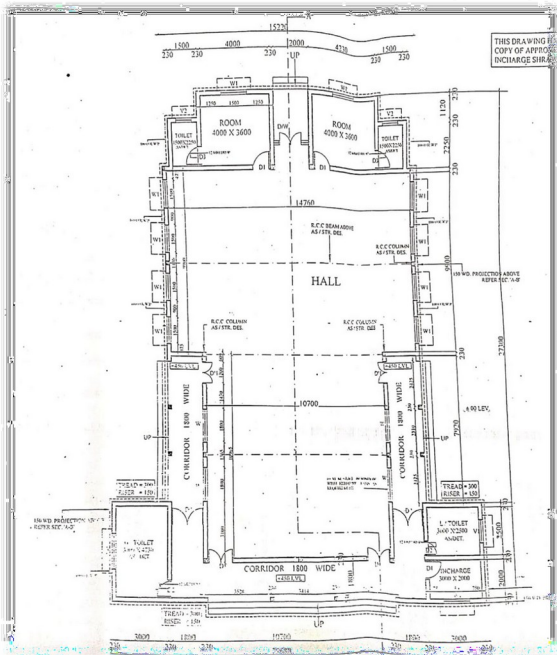


KITCHEN



LPG GODOWN

CONVENTION HALL

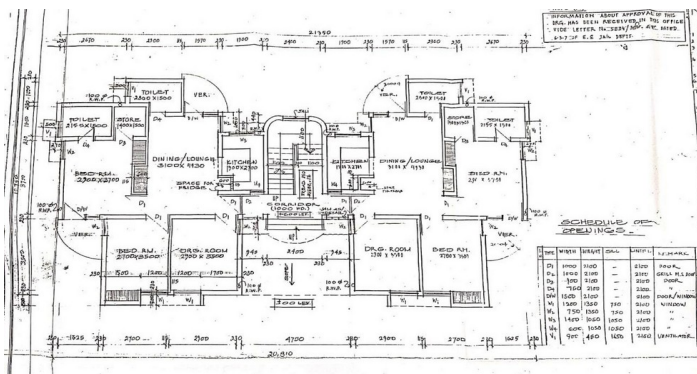


CONVENTION HALL PLAN



CONVENTION HALL

RESIDENCES

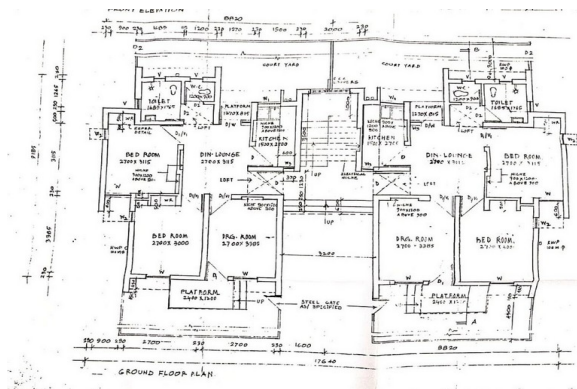


TYPE -3

TYPE -2 RESIDENCE



AGRICULTURAL LAND



TYPE -2



TYPE -3 RESIDENCE

SERVICES

WATER SUPPLY:

- 2 NO. OVER HEAD TANK FOR THE WATER SUPPLY.
- 1 O.H.T. IN NON-RESIDENTIAL LAND AND 1 O.H.T. IN RESIDENTIAL LAND.



ELECTRICAL SUPPLY:

- 4 NO. SUBSTATION IN THE JAIL.
- TRANSFORMERS AND DC GENERATOR FOR POWER SUPPLY.
- ELECTRICAL PANELS AND DISTRIBUTION BOX WERE PROVIDED OUTSIDE THE BARRACKS.



DRAINAGE AND SEWAGE:

- DRAINAGE IS THROUGH THE DRAIN LINE.
- 4" RAIN WATER PIPES FOR THE DRAINAGE OF RAIN WATER TO THE RAIN WATER HARVESTING PLANT.
- SEWAGE IS THROUGH THE HDPE (HIGH DENSITY POLY ETHYLENE) PIPES TO THE SEWAGE TREATMENT PLANT.
- SEWAGE TREATMENT IS THE PROCESS OF REMOVING CONTAMINANTS FROM WASTEWATER.



FIRE SAFETY:

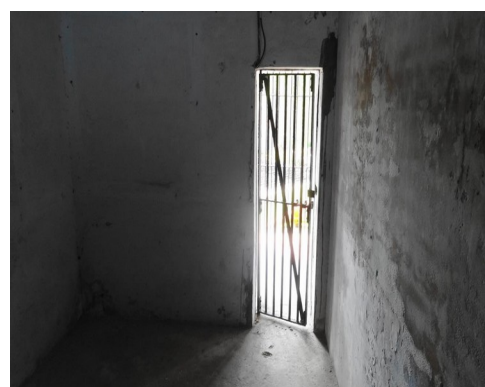
FIRE EXTINGUISHERS



LITERATURE STUDY-2

CELLULAR JAIL (KALA PANI) AT ANDAMAN & NICOBAR ISLANDS (INDIA)

THE **CELLULAR JAIL**, ALSO KNOWN AS **KĀLĀ PĀNĪ** WAS A COLONIAL PRISON IN THE ANDAMAN & NICOBAR ISLANDS, INDIA. THE PRISON WAS USED BY THE BRITISH ESPECIALLY TO EXILE POLITICAL PRISONERS TO THE REMOTE ARCHIPELAGO. MANY NOTABLE FREEDOM FIGHTERS SUCH AS BATUKESHWAR DUTT, YOGENDRA SHUKLA AND VINAYAK DAMODAR SAVARKAR, AMONG OTHERS, WERE IMPRISONED HERE DURING THE STRUGGLE FOR INDIA'S INDEPENDENCE. TODAY, THE COMPLEX SERVES AS A NATIONAL MEMORIAL MONUMENT.



HISTORY

ALTHOUGH THE PRISON COMPLEX ITSELF WAS CONSTRUCTED BETWEEN 1896 AND 1906, THE BRITISH HAD BEEN USING THE ANDAMAN ISLANDS AS A PRISON SINCE THE DAYS IN THE IMMEDIATE AFTERMATH OF THE SEPOY MUTINY OF 1857

MORE PRISONERS ARRIVED FROM INDIA AND BURMA AS THE SETTLEMENT GREW. ANYONE WHO BELONGED TO THE MUGHAL ROYAL FAMILY, OR WHO HAD SENT A PETITION TO BAHADUR SHAH ZAFAR DURING THE REBELLION WAS LIABLE TO BE DEPORTED TO THE ISLANDS.

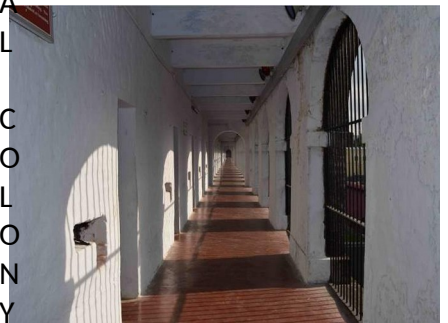
THE REMOTE ISLANDS WERE CONSIDERED TO BE A SUITABLE PLACE TO PUNISH THE INDEPENDENCE ACTIVISTS. NOT ONLY WERE THEY ISOLATED FROM THE MAINLAND, THE OVERSEAS JOURNEY (KALA PANI) TO THE ISLANDS ALSO THREATENED THEM WITH LOSS OF CASTE, RESULTING IN SOCIAL EXCLUSION. THE CONVICTS COULD ALSO BE USED IN CHAIN GANGS TO CONSTRUCT PRISONS, BUILDINGS AND HARBOUR FACILITIES. MANY DIED IN THIS ENTERPRISE. THEY SERVED TO COLONISE THE ISLAND FOR THE BRITISH.

ARCHITECTUR

THE CONSTRUCTION OF THE PRISON STARTED IN 1896 AND WAS COMPLETED IN 1906. THE ORIGINAL BUILDING WAS A PUCE-COLOURED BRICK BUILDING. THE BRICKS USED TO BUILD THE BUILDING WERE BROUGHT FROM BURMA.

THE BUILDING HAD SEVEN WINGS, AT THE CENTRE OF WHICH A TOWER SERVED AS THE INTERSECTION AND WAS USED BY GUARDS TO KEEP WATCH ON THE INMATES; THIS FORMAT WAS BASED ON JEREMY BENTHAM'S IDEA OF THE PANOPTICON. THE WINGS RADIATED FROM THE TOWER IN STRAIGHT LINES, MUCH LIKE THE SPOKES OF A BICYCLE WHEEL. A LARGE BELL WAS KEPT IN THE TOWER TO RAISE AN ALARM. EACH OF THE SEVEN WINGS HAD THREE STORIES UPON COMPLETION. THERE WERE NO DORMITORIES AND A TOTAL OF 696 CELLS. EACH CELL WAS 4.5 BY 2.7 METRES IN SIZE WITH A VENTILATOR LOCATED AT A HEIGHT OF 3 METRES. THE NAME, "CELLULAR JAIL", DERIVED FROM THE SOLITARY CELLS WHICH PREVENTED ANY PRISONER FROM COMMUNICATING WITH ANY OTHER. ALSO, THE SPOKES WERE SO DESIGNED SUCH THAT THE FACE OF A CELL IN A SPOKE SAW THE BACK OF CELLS IN ANOTHER SPOKE. THIS WAY, COMMUNICATION BETWEEN PRISONERS WAS IMPOSSIBLE. THEY WERE ALL IN SOLITARY CONFINEMENT.

INMATES



CASE STUDY

DR. SAMPURNANAND KHULA BANDI SHIVIR

SANGANER, RAJASTHAN

- **LOCATION** : DR. SAMPURNANAND OPEN JAIL, SANGANER RAJASTHAN
- **ADDRESS** : TIRUPATHI BALAJI NAGAR, SANGANER, JAIPUR, RAJASTHAN
- **TOTAL SITE AREA** : 14 ACRES
- **TOTAL INMATES TILL JAN 2020** : 343 INMATES
- **CLIENT** : RAJASTHAN PRISON DEPARTMENT



OVERVIEW

- THIS SANGANER OPEN PRISON IS LIKE A SMALL PRISONERS VILLAGE SITUATED IN THE HEART OF SANGANER CITY.
- IT IS SURROUNDED BY NEW CONSTRUCTION, FACTORIES & MALLS. IT IS THE LARGEST PRISON IN THE RAJASTHAN HOUSING NEARLY 400 PRISONERS ALONG WITH THEIR FAMILY.
- THE PRISON IS SELF GOVERNED BY THE "BANDI PANCHAYAT" THE 5 PRISONERS WHO ARE THE MEMBER OF THE PANCHAYAT MANAGE THE ADMINISTRATIVE DETAILS OF THE PRISON. THEY CONDUCT THE TWO DAILY ROLL CALLS OF THE PRISONERS & MAINTAIN THE ATTENDANCE REGISTER. THEY COLLECT ELECTRICITY BILLS FROM THE PRISONERS.



NEAR BY TRANSPORTATION

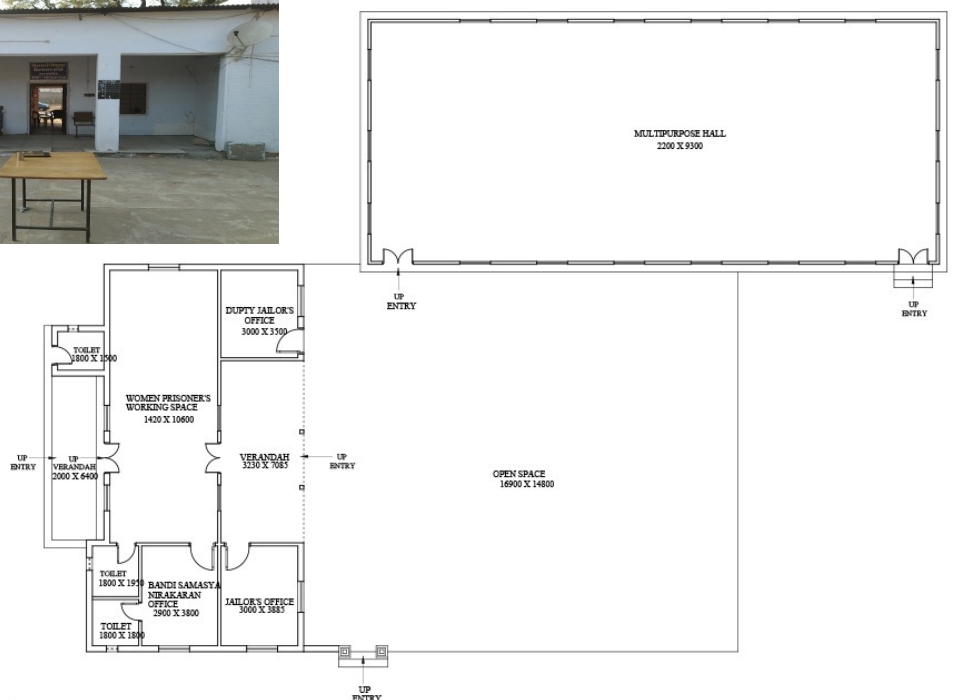
- **LAND MARK**
JAIPUR INTERNATIONAL AIRPORT IS 7 KM AWAY FROM THE OPEN AIR CAMP
- **NEAREST BUS STOP:**
SANGANER BUS STATION 1.6 KM AWAY FROM JAIL
- **NEAREST RAILWAY STATION**
SANGANER RAILWAY STATION - 2.2 KM AWAY
DURGAPUR RAILWAY STATION - 17 KM AWAY
- **AIR PORT**
JAIPUR INTERNATIONAL AIRPORT- 7 KM AWAY



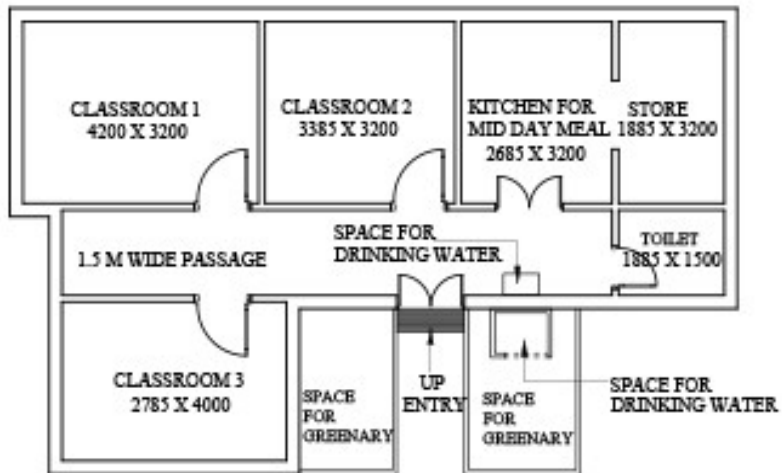
OPEN JAIL (SITE PLAN)



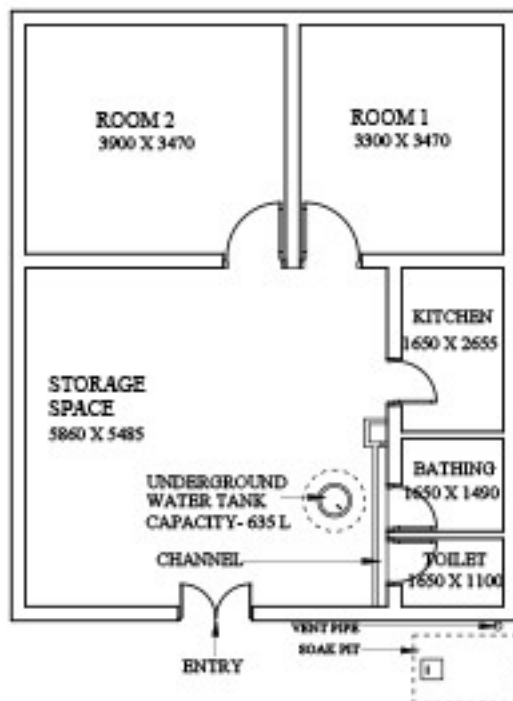
ADMINISTRATION BLOCK



SCHOOL



PRISONER'S RESIDENCE



PRISONER'S RESIDENCE



CASE STUDY - 2

DR. SAMPURNANAND KHULA BANDI SHIVIR SITARGANJ , UTTARA KHAND

LOCATION : KENDRIYA KARAGAR & SHIVIR
SITARGANJ

DIST.UDDHAM NAGAR,RUDRAPUR, UTTARAKHAND
(263139).

ADDRESS : CENTRAL JAIL SITARGANJ PO SAI
CAMP, SITARGANJ

TOTAL SITE AREA: 640 ACRES (JAIL AREA -5,965
ACRES).

TOTAL INMATES TILL JAN 2020 : 26 INMATES

CLIENT: UTTARAKHAND PRISON DEPARTMENT.



OVERVIEW

SITARGANJ IN UTTAR PRADESH, HAD THE 1ST OPEN PRISON.

BUT IN REALITY IT CANNOT BE CALLED AN OPEN PRISON BECAUSE PRISONERS WERE KEPT IN AN ISOLATED LOCATION AWAY FROM ANY TOWNSHIP OR VILLAGE.

THE SITARGANJ OPEN PRISON WAS ESTABLISHED IN A DIFFICULT TERRAIN AT THE FOOT HILLS OF HIMALYAS, NEAR NAINITAL.

PRISONERS WERE SCARED TO VENTURE OUT OF THE OPEN PRISON BECAUSE THE SURROUNDINGS AREA WAS FULL OF WILD ANIMALS WITH NO HUMAN SETTLEMENT NEAR BY.



NEAR BY TRANSPORTATION

NEAR BY LANDMARK

SAMPOORNANAND CENTRAL JAIL - 700 M

NEAREST BUS STOP :

KALANPUR BUS STAND -7.2 KM

NEAREST RAILWAY STATION:

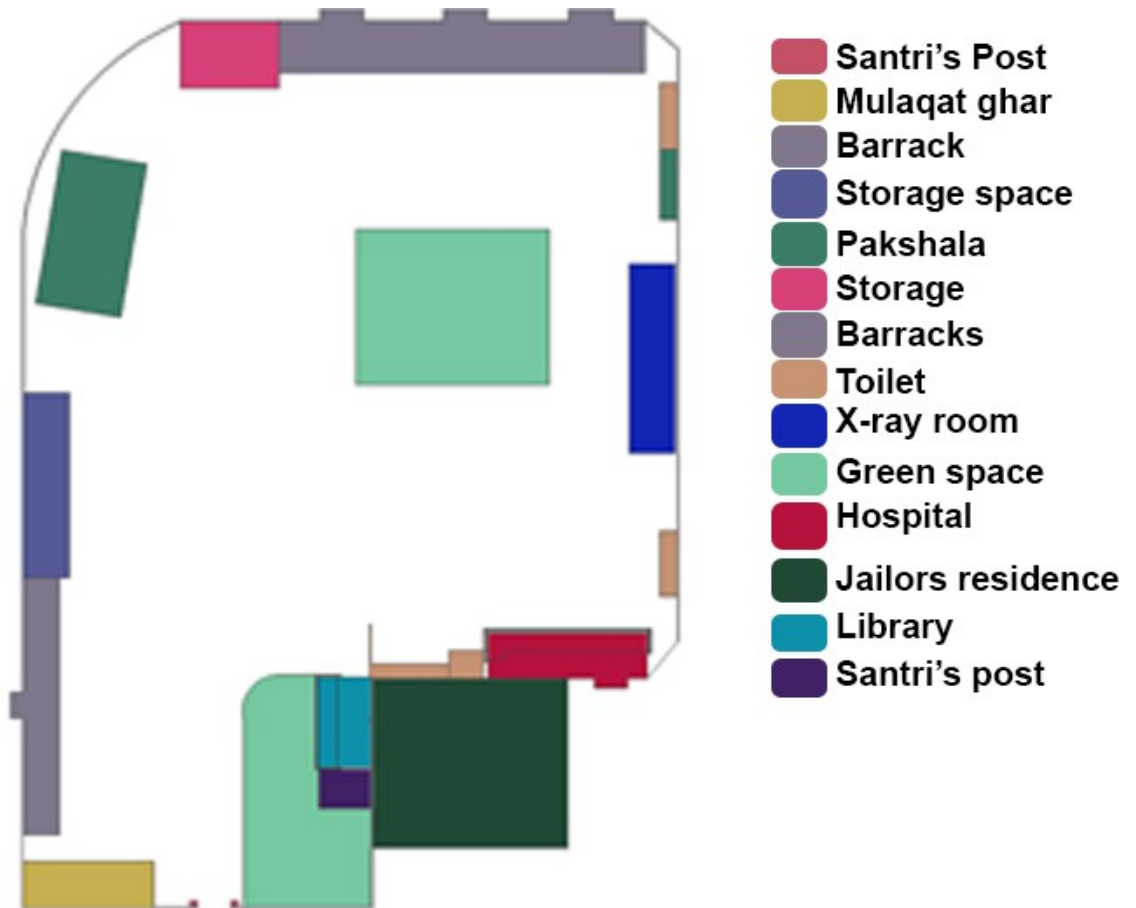
LALKUAN JN.- 49.2 KM

NEAREST AIRPIRT:

AMARIA AIRPORT - 35.4 KM



SITARGANJ JAIL (SITE ZONING)



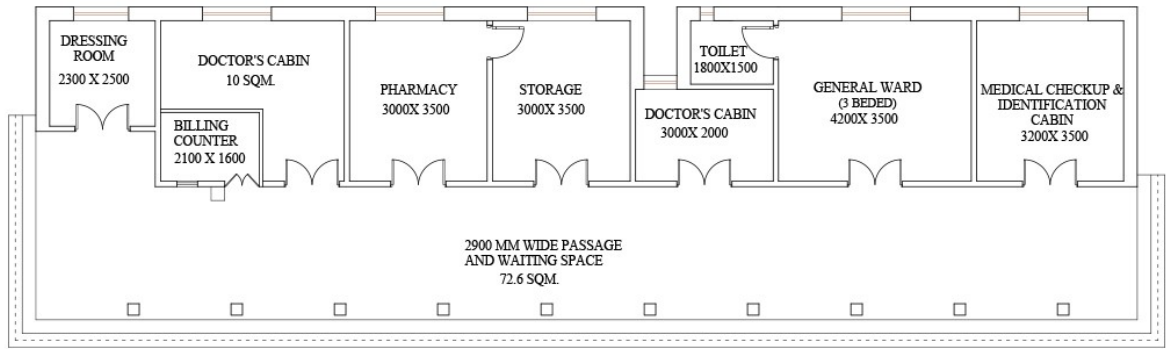
MAIN ENTRANCE



OPEN SPACE



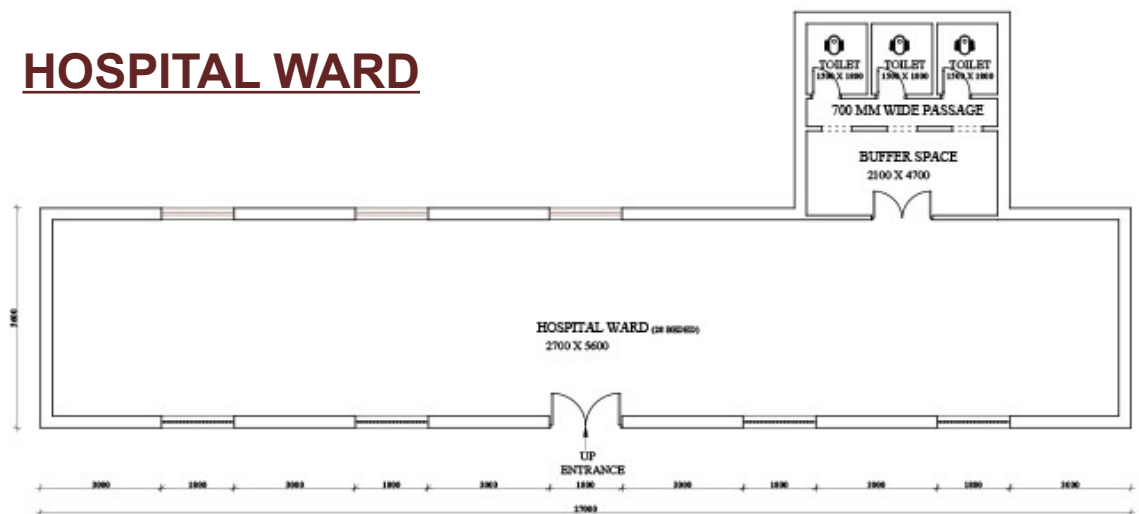
HOSPITAL



HOSPITAL

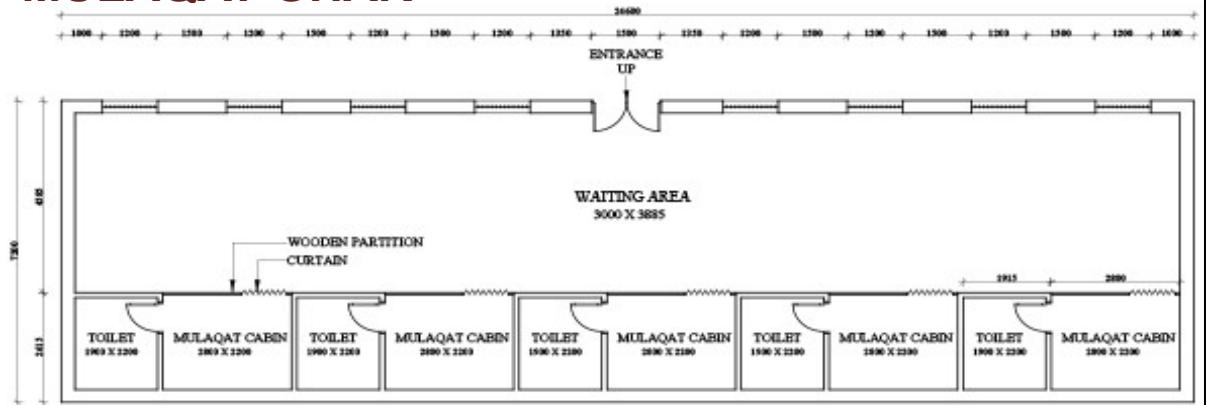


HOSPITAL WARD



HOSPITAL WARD

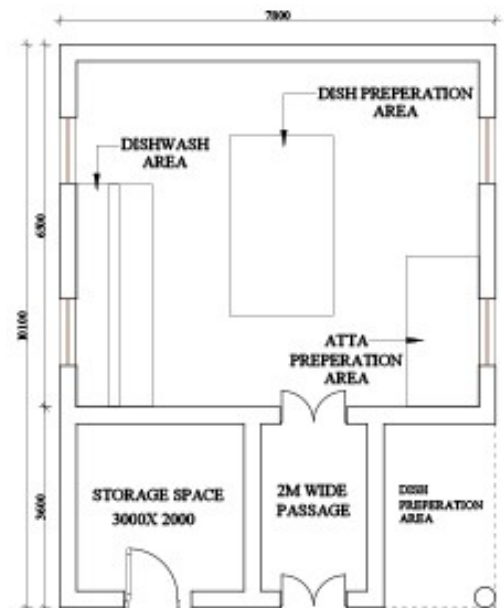
MULAQAT GHAR



MULAQAT GHAR

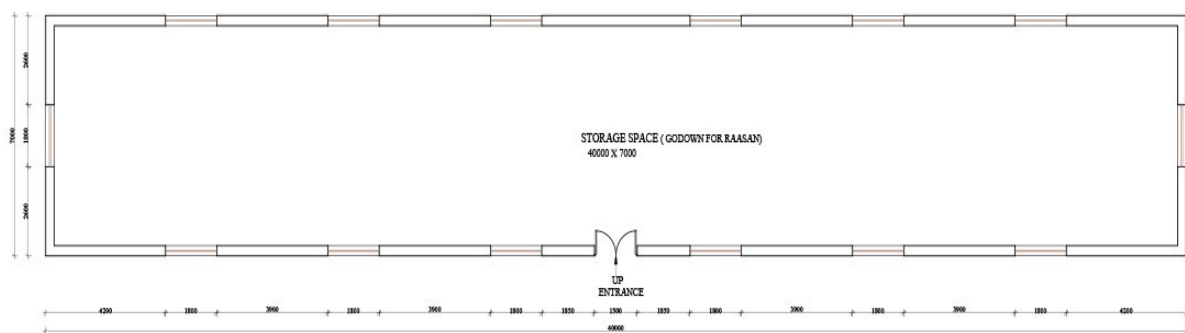


PAAKSHALA

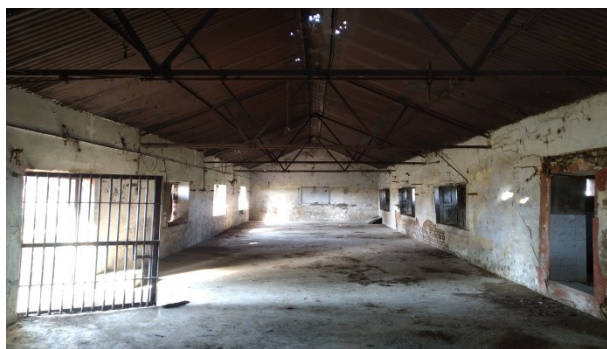


PAAKSHALA

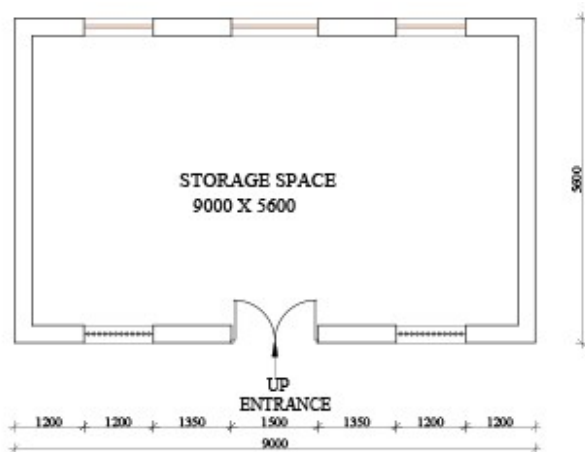
GODOWN



STORAGE SPACE (GODOWN FOR RAASAN)

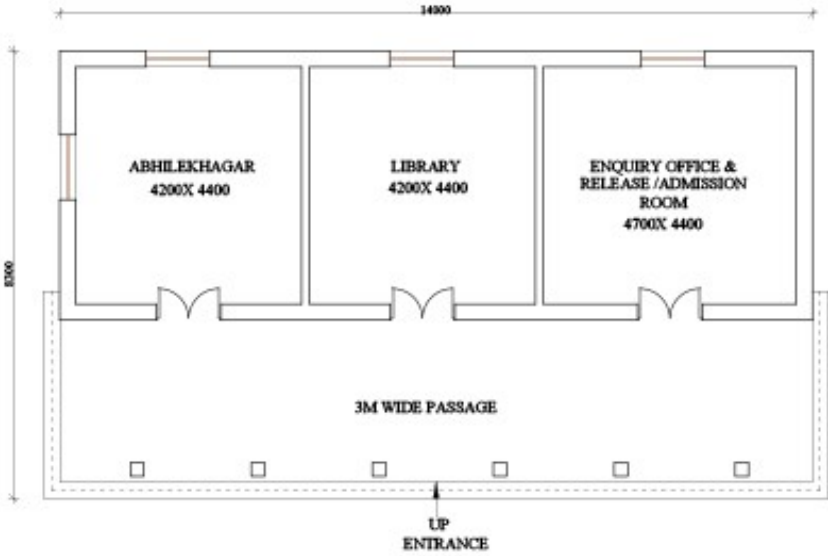


STORAGE SPACE



STORAGE SPACE

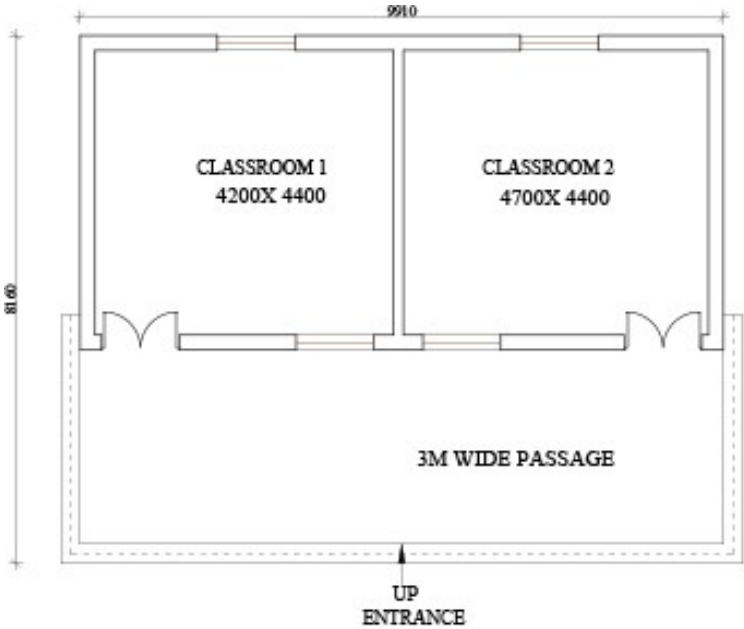
PUSTKALAY



PUSTKALAY



PATHSHALA



PAATHSHALA

CONCEPT

CONCEPT : PANCHA-TATVA

THE WORD 'PANCHATATVA' ORIGINATES FROM SANSKRIT, WHERE "PANCH" STANDS FOR FIVE AND "TATVA" INDICATES ELEMENTS. FOLLOWING THE UNIVERSAL LAW OF LIFE, EVERY THING ON THIS PLANET IS COMPOSED OF FIVE BASIC ELEMENTS OR THE "PANCHAMAHABHUTAS". THESE ARE : AKASH (SKY OR SPACE), VAYU (AIR), JAL (WATER), AGNI (FIRE) AND PRITHVI (EARTH).

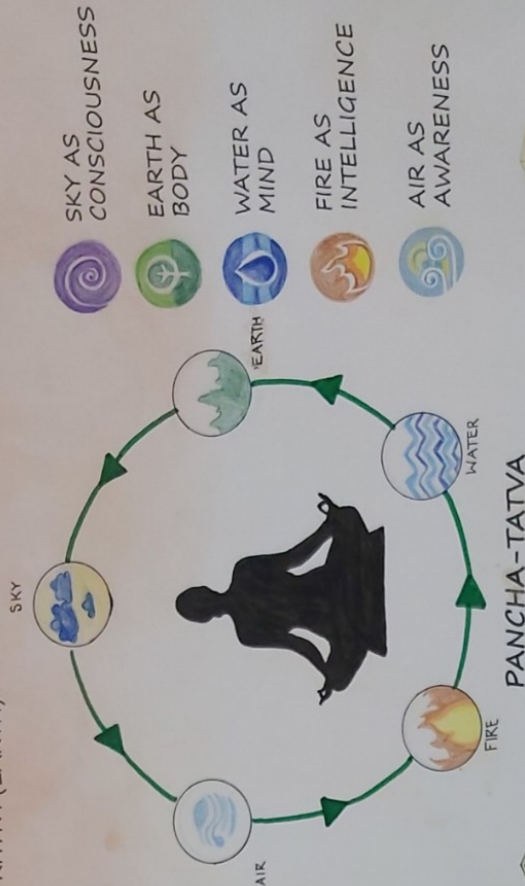
EVOLUTION OF OPEN JAIL : SCHOOL OF THOUGHT FIRST:

IN ANCIENT INDIAN SOCIETY THE KING WAS THE FOUNTAIN OF JUSTICE AND THE PUNISHMENT OF OFFENDERS WAS CONSIDERED TO BE HIS SACRED DUTY. THE PUNISHMENTS WERE:



SCHOOL OF THOUGHT SECOND:

DECIDED ELIGIBILITY - DEGREE & AMOUNT OF CRIME



AREA ANALYSIS

AREA ANALYSIS CHART						
S.NO	PARTICULAR	CASE STUDY 1	CASE STUDY 2	LITERATURE STUDY 1	LIBRARY STUDY	PROPOSED
1	ADMIN BLOCK	40 SQM	108 SQM	574 SQM	295.4 SQM	498 SQM
	SUPERINTENDENT OFFICE WITH ATTACHED TOILET			39.9 SQM	30.9 SQM	36 SQM
	JAILOR'S OFFICE WITH ATTACHED TOILET	10.8 SQM			14.7 SQM	16.85SQM
	DEPUTY JAILOR'S OFFICE	10.5 SQM			12.6 SQM	14.5 SQM
	ACCOUNTS ROOM				16.5 SQM.	15 SQM
	WRIT OFFICE				15 SQM.	15 SQM
	RECORD ROOM				22.5 SQM	16 SQM.
	ATTEND AND RELEASE ROOM				14SQM	15 SQM.
	MEDICAL CHECKUP ROOM				12 SQM	12 SQM
	STAFF ROOM				14.5 SQM	15 SQM
	PAENTRY				2.5 SQM	3 SQM
	COMMON TOILET				4.5 SQM.	4.5 SQM.
	MULLAQAT HALL	205 SQM	172.8 SQM		14 SQM.	21348 SQM
	VISITOR SHED			125.34 SQM		56.1 SQM
2	RESIDENCE					21348 SQM
	18HK STAFF QUARTERS					1670 SQM
	28HK PRISONERS RESIDENCE	63.96 SQM		50 SQM		19500 SQM.
	38HK STAFF RESIDENCE			186 SQM		186 SQM.
	DORMITRIES				100 SQM	42 SQM
3	KITCHEN		78 SQM	435 SQM.	170 SQM.	120 SQM
4	MEDITATION HALL				163.2 SQM.	170.8 SQM.
5	YOGA HALL				163.2 SQM	32 SQM.
6	TEMPLE					670 SQM
7	SCHOOL		80 SQM.	298 SQM	833 SQM	444 SQM
8	HOSPITAL	60 SQM	363 SQM.	505.63 SQM	1010 SQM	10 SQM. /PRISONER
	CHIEF MEDICAL OFFICERS ROOM + TOILET				15.4 SQM.	5.60/PRISONER
	DOCTOR'S ROOM + TOILET				15.4 SQM.	
	MALE FEMALE NURSING ASSISTANT ROOM		8.7 SQM		11 SQM.	13.8 SQM
	X-RAY ROOM + DARK ROOM		48 SQM		36.3 SQM.	16.5 SQM
	DISPENSERY		5.75 SQM		15.5 SQM.	37.2 SQM
	PHARMACIST		10.5 SQM		11 SQM	14.7 SQM
	PSYCHIATRIC COUNSELLOR'S ROOM				15.5 SQM.	12 SQM
	GENERAL WARD		150 SQM.		360 SQM.	13.8 SQM
	ISOLATION WARD		14.7 SQM		24 SQM 4 BEDED	247.56 SQM
9	MULTIPURPOSE HALL			778.62 SQM	814.6SQM.	42.8 SQM.
10	SPORTS HALL					615 SQM.
11	GODOWN		280 SQM.		814.6 SQM	6.6 / PERSON
12	CANTEEN OR GROCERY SHOP			286 SQM.	305 SQM.	6 / PERSON
13	LAUNDRY				32.4 SQM	MIN 18 SQM
14	WORKSHOPS	14 SQM.			54.16 SQM	35 KG / PERSON IN A WEEK
15	VIDEO CONFERNCING ROOM			77.6 SQM	1168 SQM	10 - 15 SQM. SMALL MACHINES
16	VISITOR'S SHED				24.8 SQM	2/ PERSON
17	SANTRI'S POST	7.5 SQM	8 SQM			3/ PERSON
18	ARMORY ROOM			14 SQM	14 SQM	8 SQM.
19	POLICE CHOWKI			34.6 SQM		8 SQM
20	BARRACKS		224(40 INMATES) 6	92.42 SQM	127 SQM	MIN 40 SQM
21	OHT			216(30 CAPACITY EACH)		MIN 90 SQM.
22	STP			100 KL EACH)	10.30 SQM / PRISONER
						135 LIT / PERSON/ PER DAY

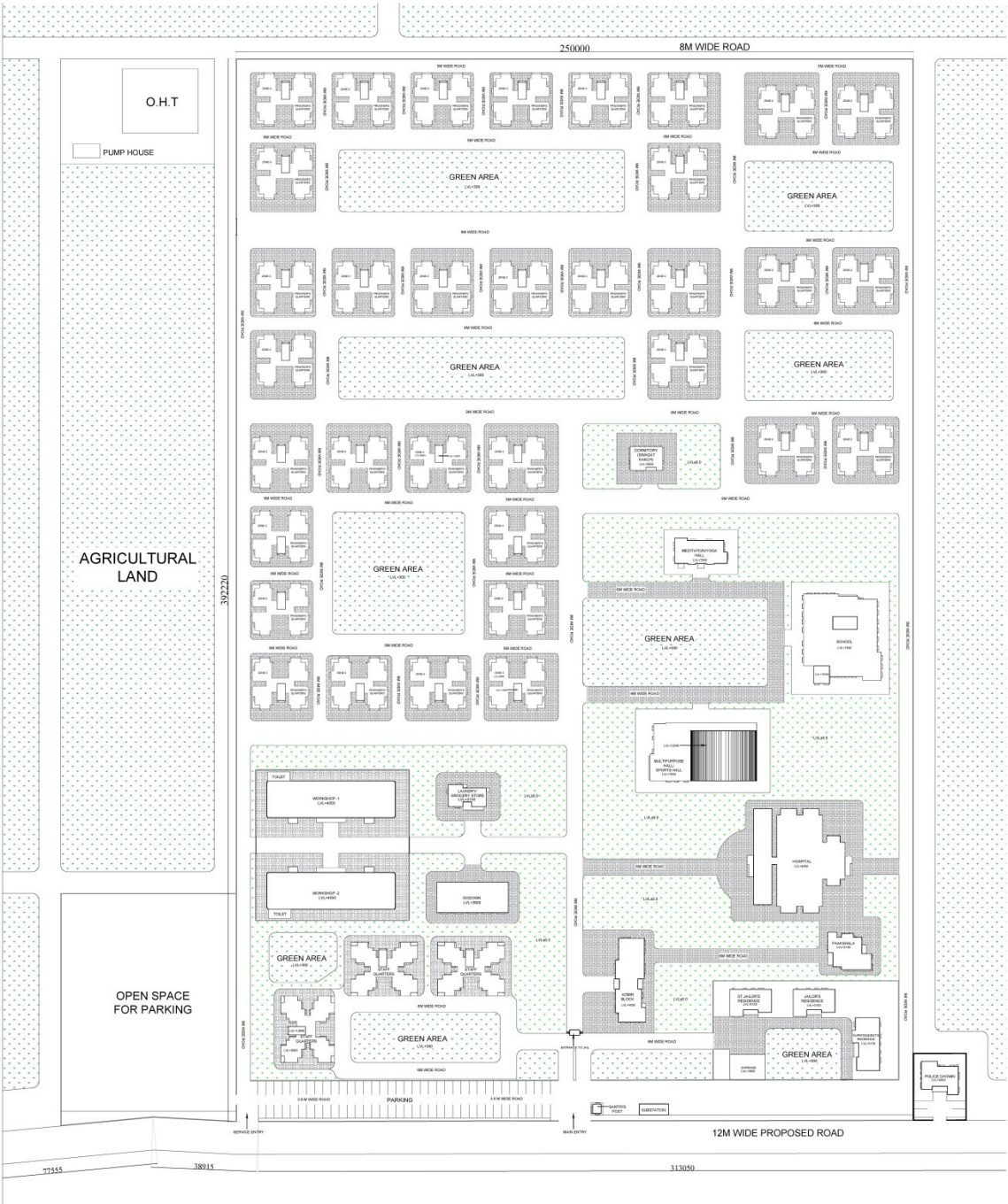
BYLAWS:
TOTAL SITE AREA- 98.4 ACRE
F.A.R -2
GROUND COVERAGE-30%
SET BACKS- FRONT -15 METER
 BACK -9 METER
 REAR -9 METER
 REAR 2- 9 METER

DRAWINGS

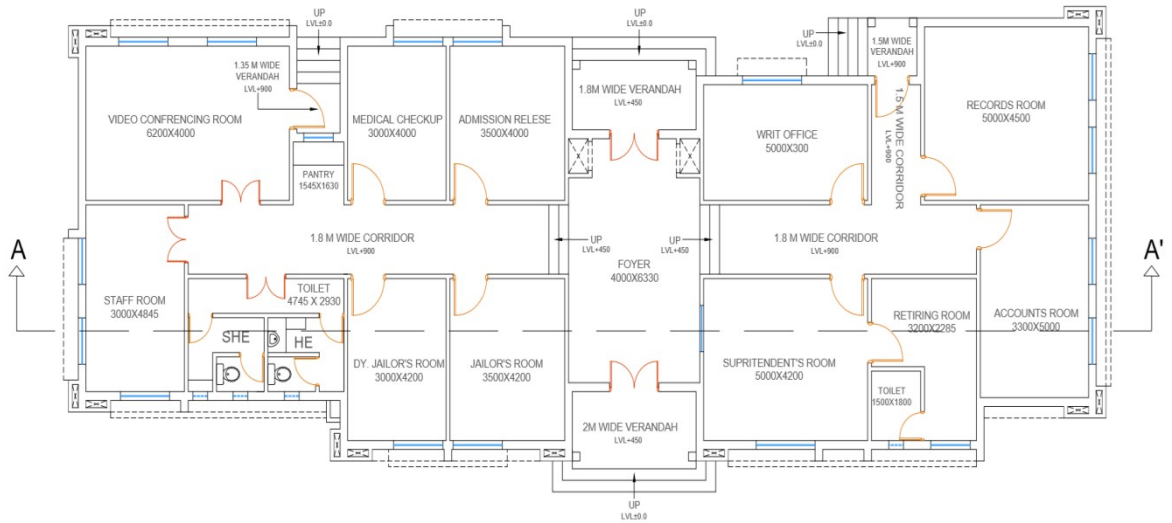
TOTAL SITE AREA –SITE PLAN



PROPOSED SITE AREA-SITE PLAN



ADMIN BLOCK

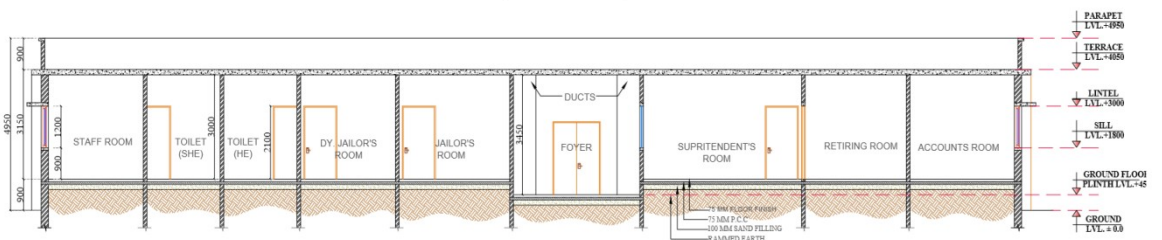


ADMIN BLOCK
295.4 SQM.

PLAN



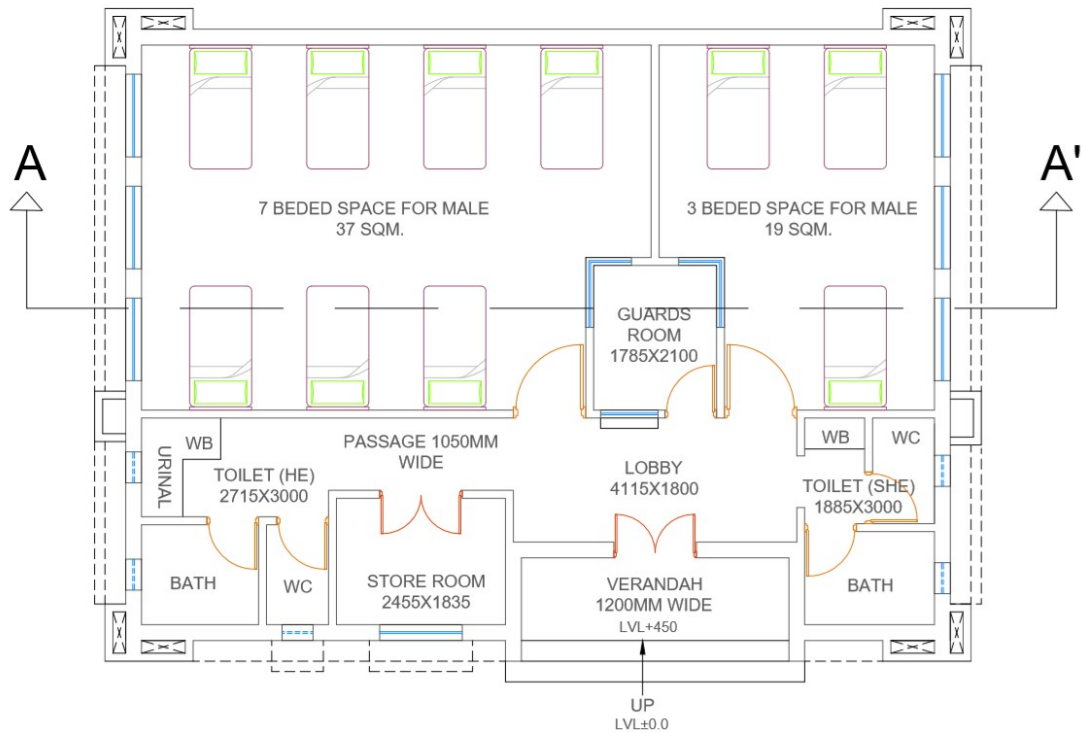
FRONT ELEVATION
(ADMIN BLOCK)



SECTION AT A-A'
(ADMIN BLOCK)

ELEVATION AND SECTION

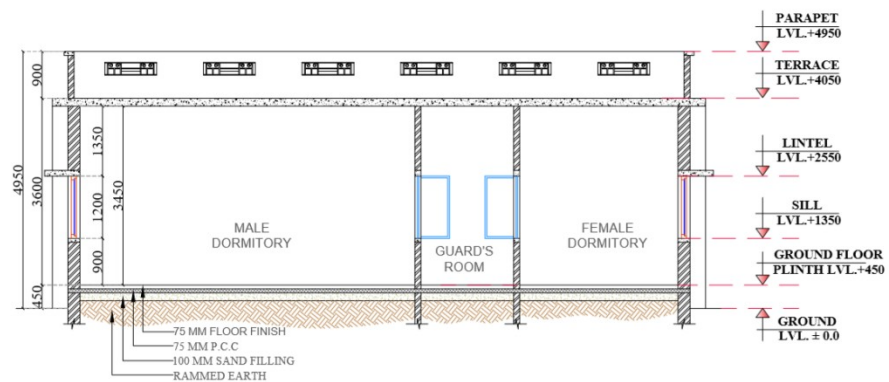
DORMITORY



DORMITORY 100 SQM (10 BEDED)



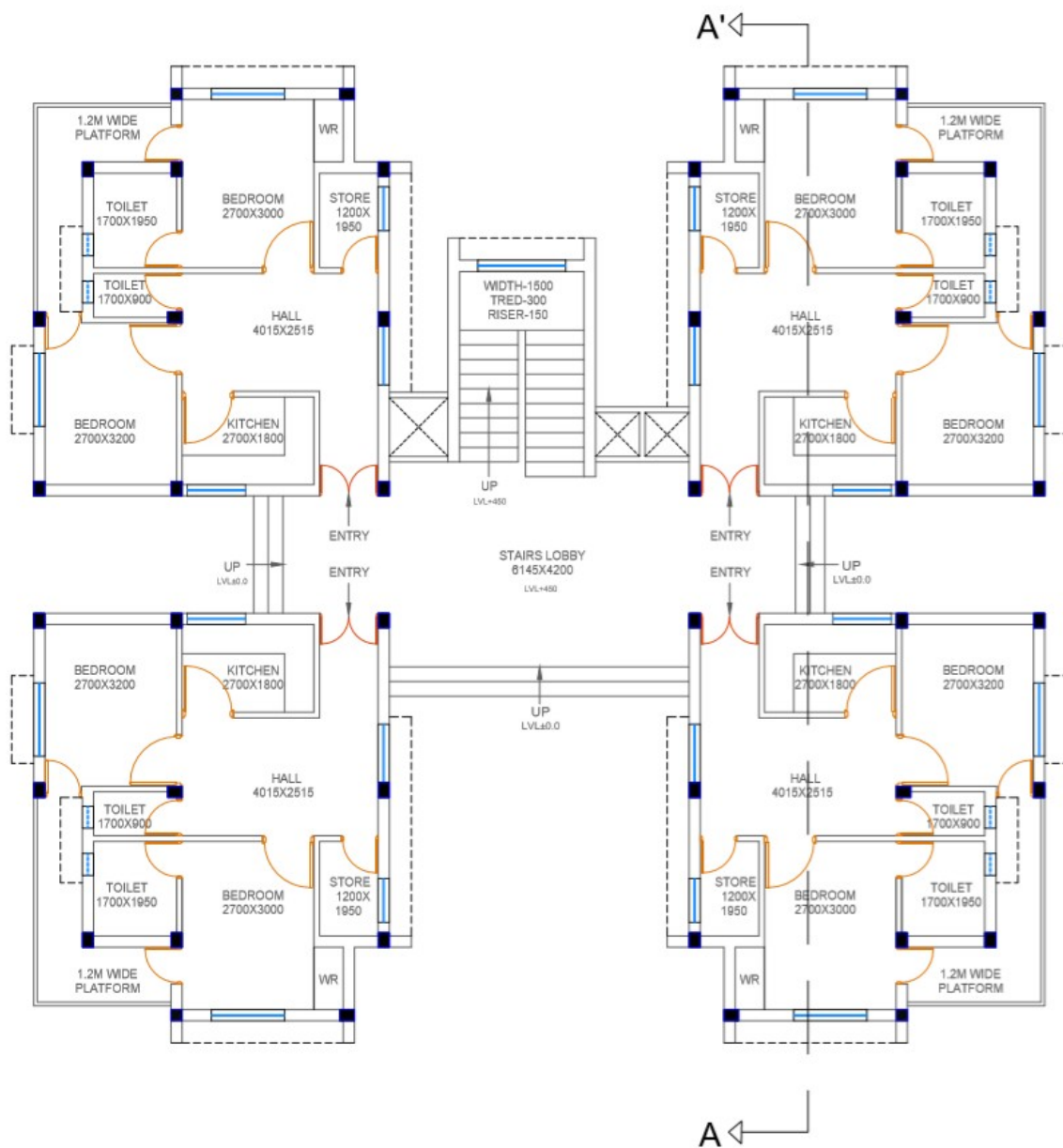
FRONT ELEVATION (DORMITORY)



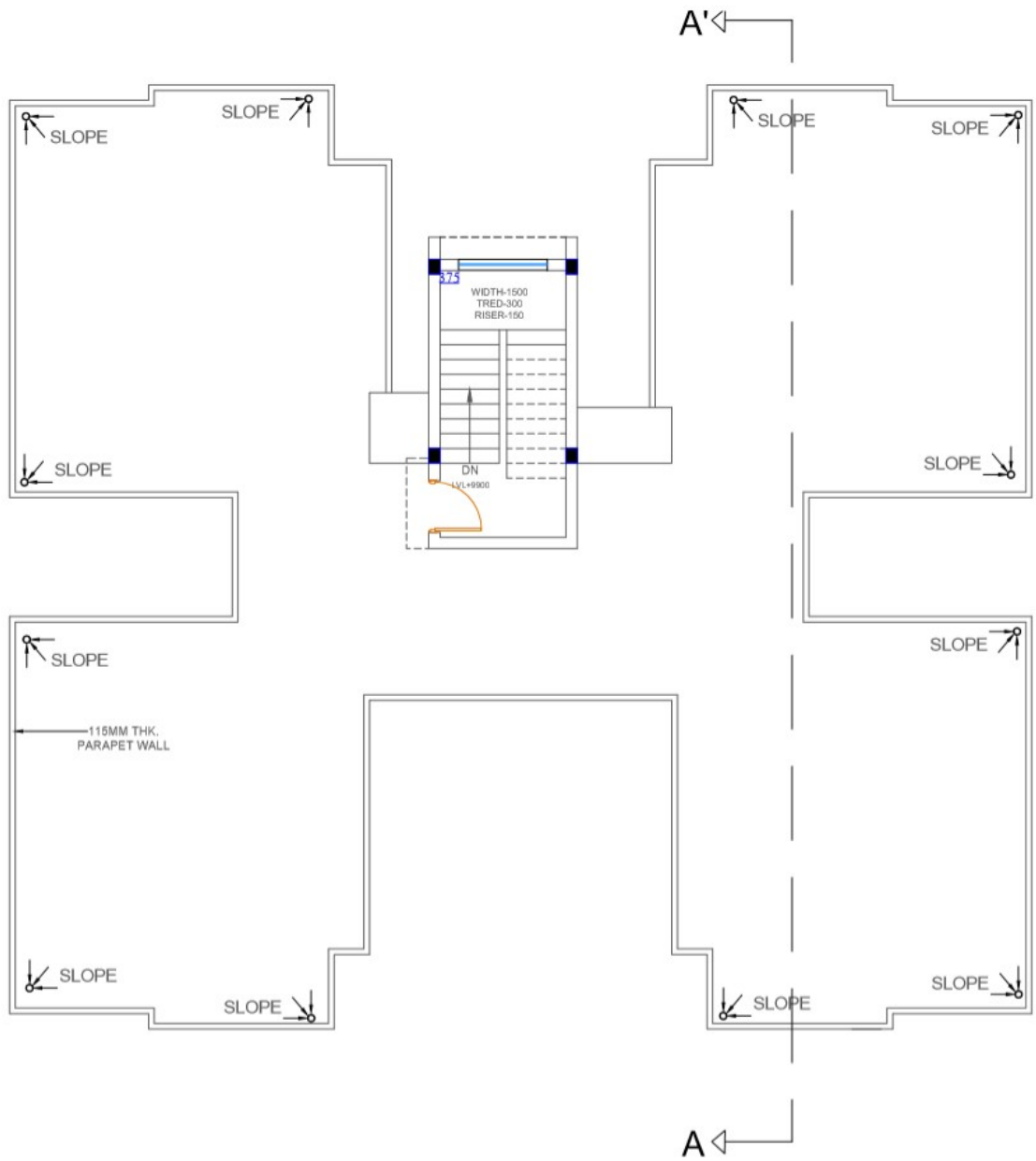
SECTION AT A-A' (DORMITORY)

PLAN

PRISONER'S QUARTER



PRISONER'S QUARTERS 258.7 SQM
(Cluster plan)

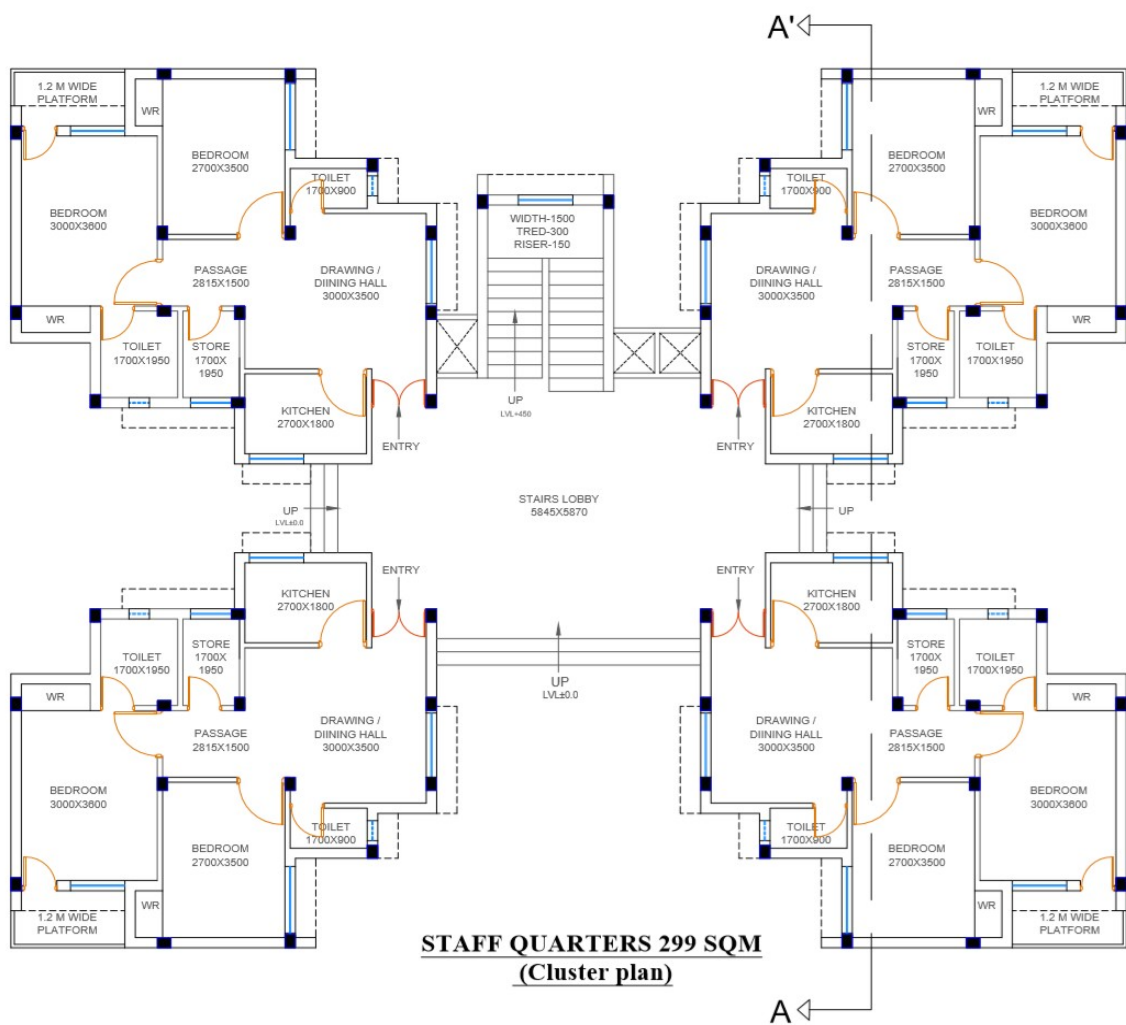


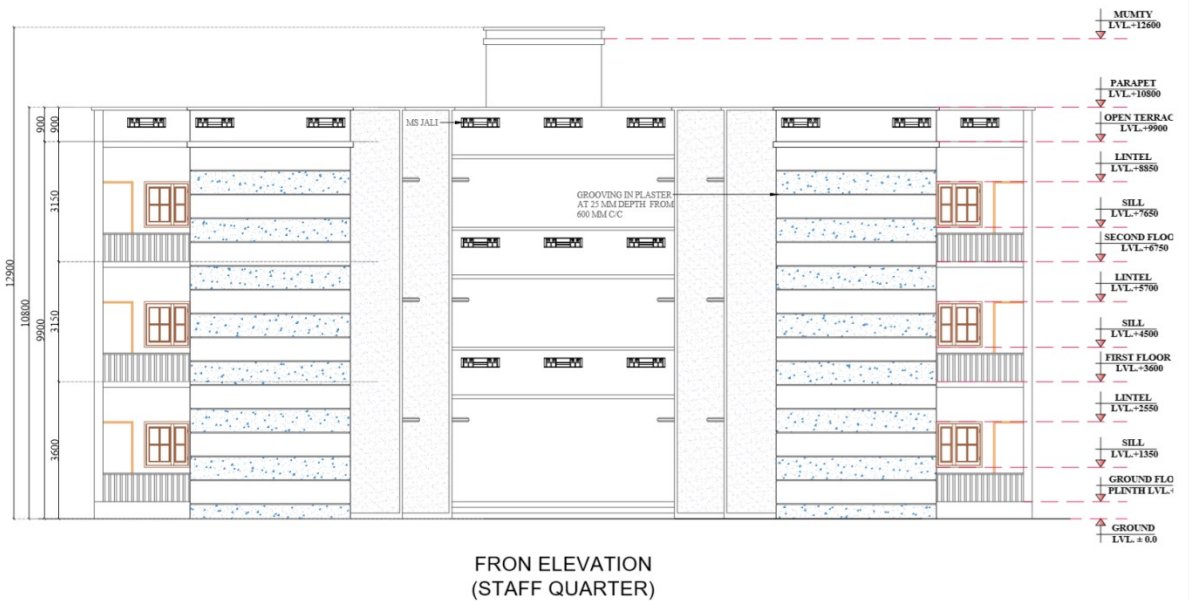
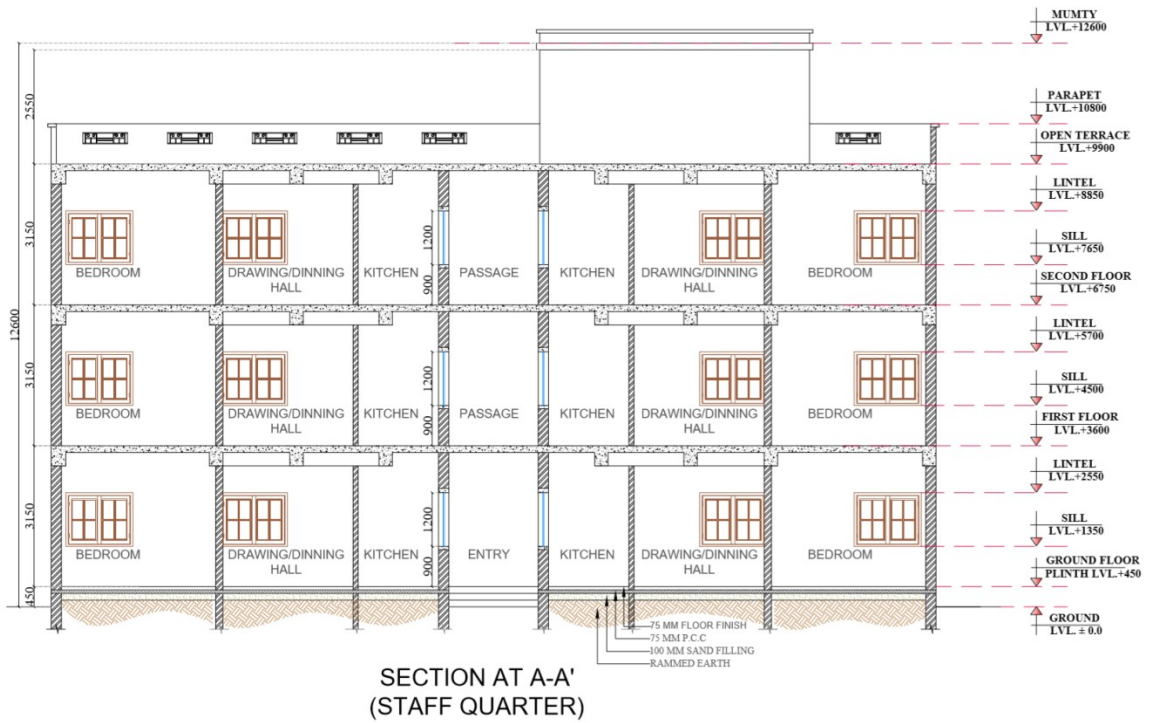
TERRACE PLAN



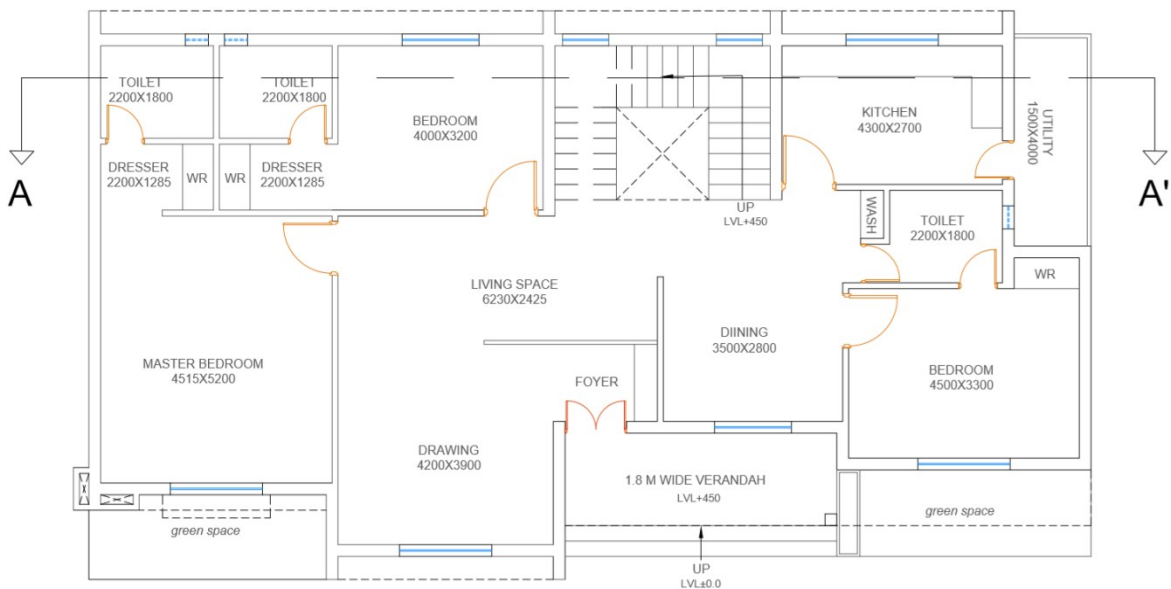
PLAN

STAFF QUARTERS





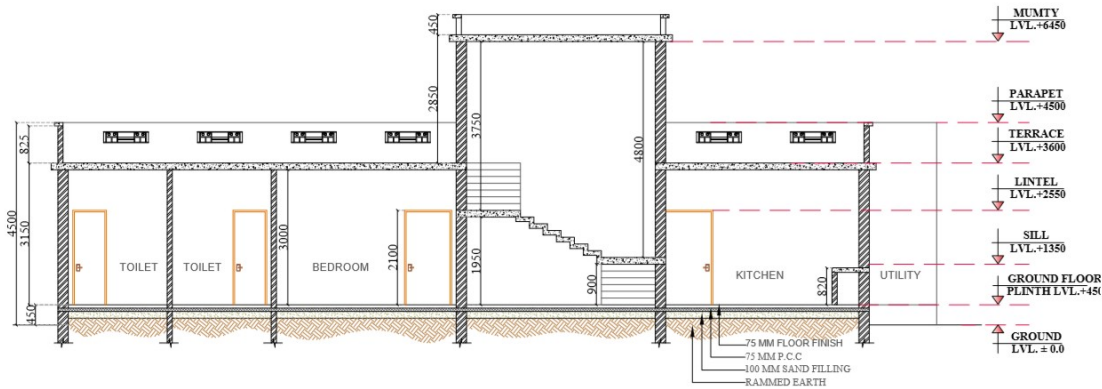
SUPRITENDENT'S RESIDENCE



SUPRITENDENT'S RESIDENCE
166 SOM.

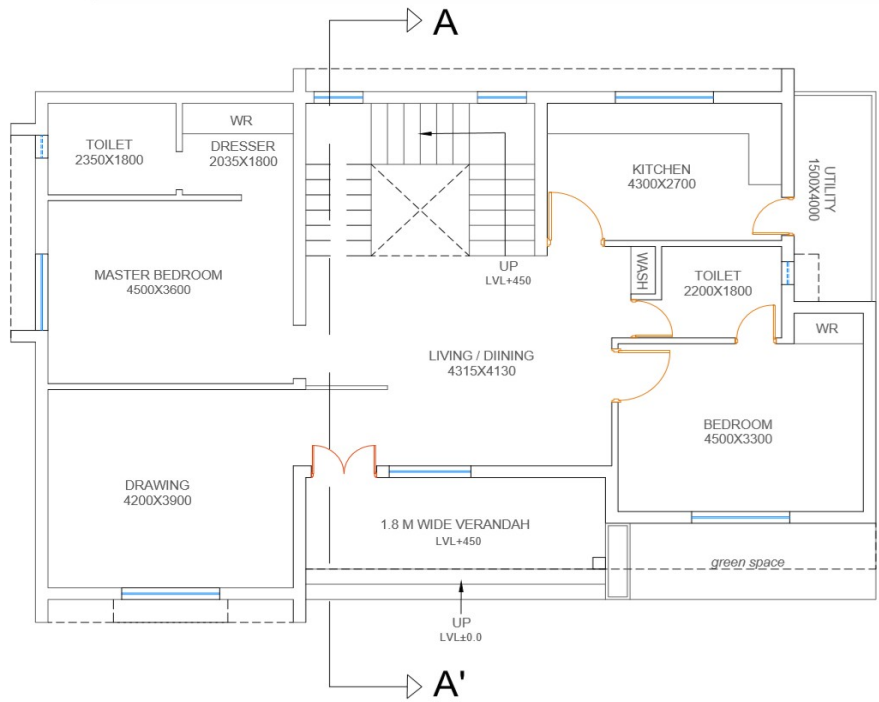


FRONT ELEVATION
(SUPRITENDENT'S RESIDENCE)



SECTION AT A-A'
SUPRITENDENT'S RESIDENCE

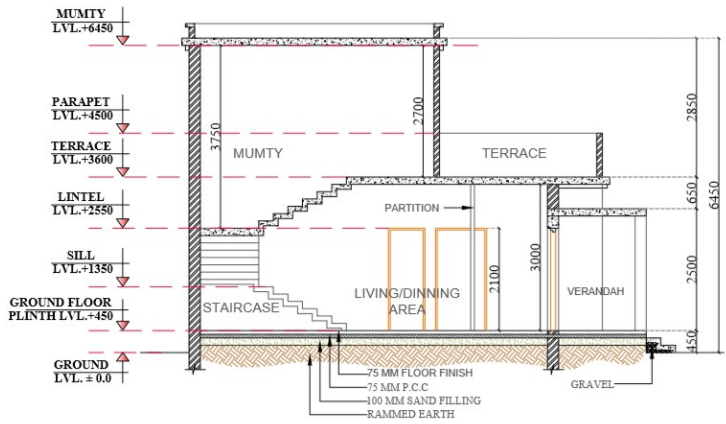
JAILOR / DT.JAILOR'S RESIDENCE



JAILOR / DT. JAILOR'S RESIDENCE
127 SQM.

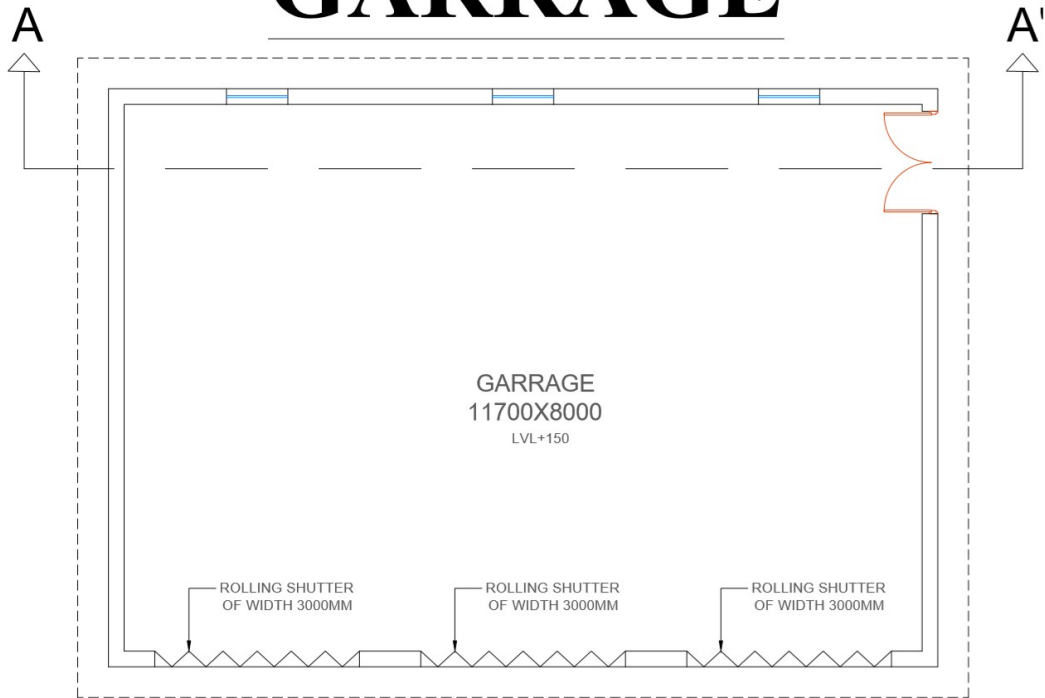


FRONT ELEVATION
(JAILOR & DT. JAILOR'S RESIDENCE)

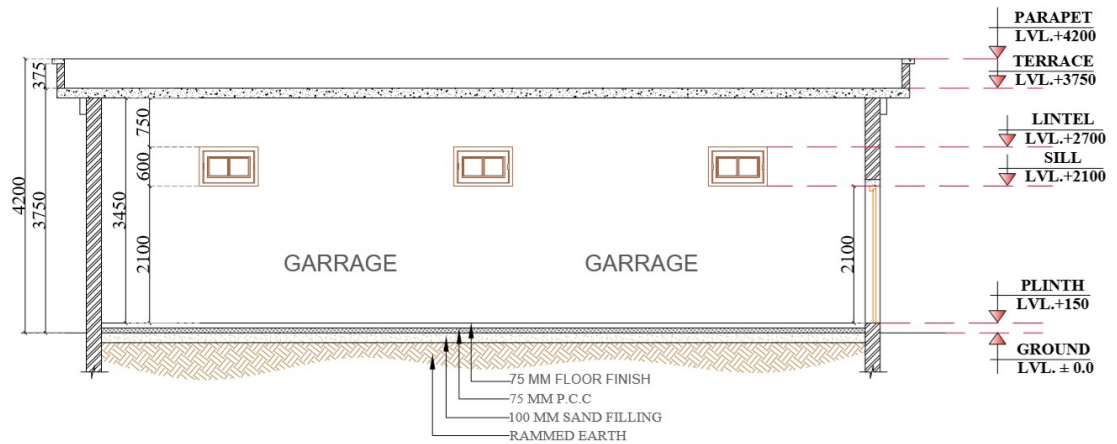


SECTION AT A-A'
JAILOR & DT. JAILOR'S RESIDENCE

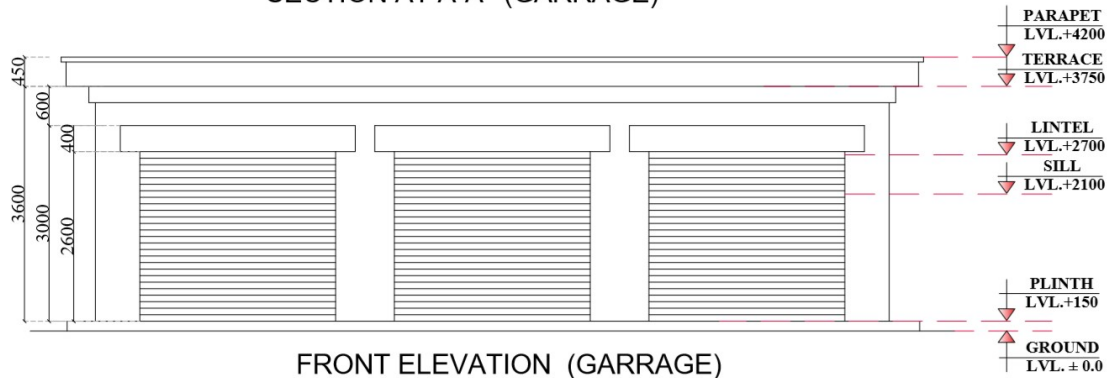
GARRAGE



GARRAGE 95.6 SQM.

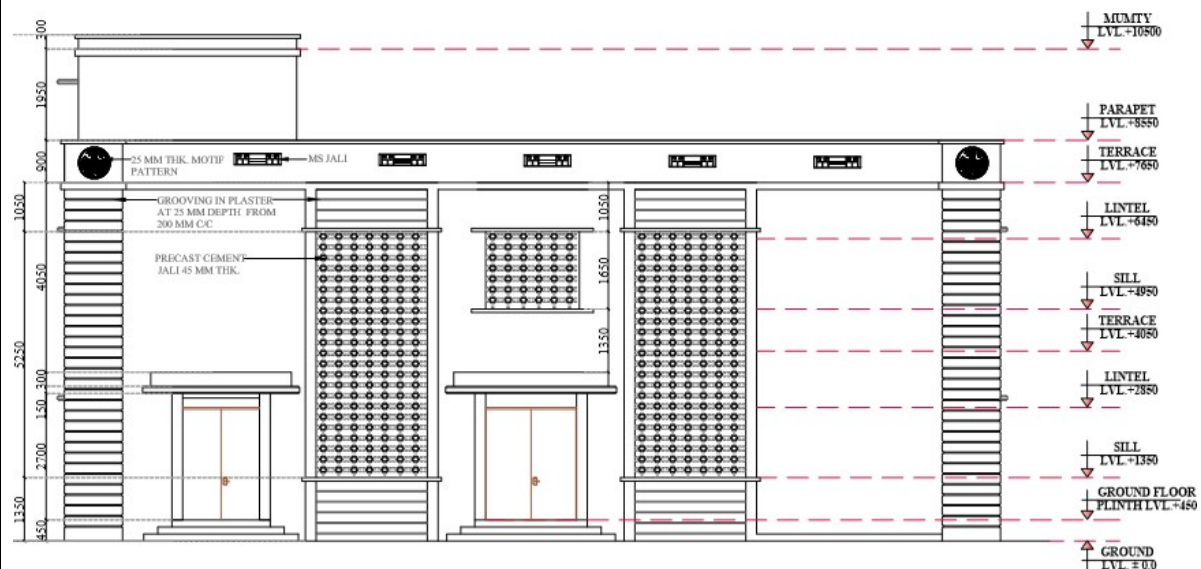


SECTION AT A-A' (GARRAGE)

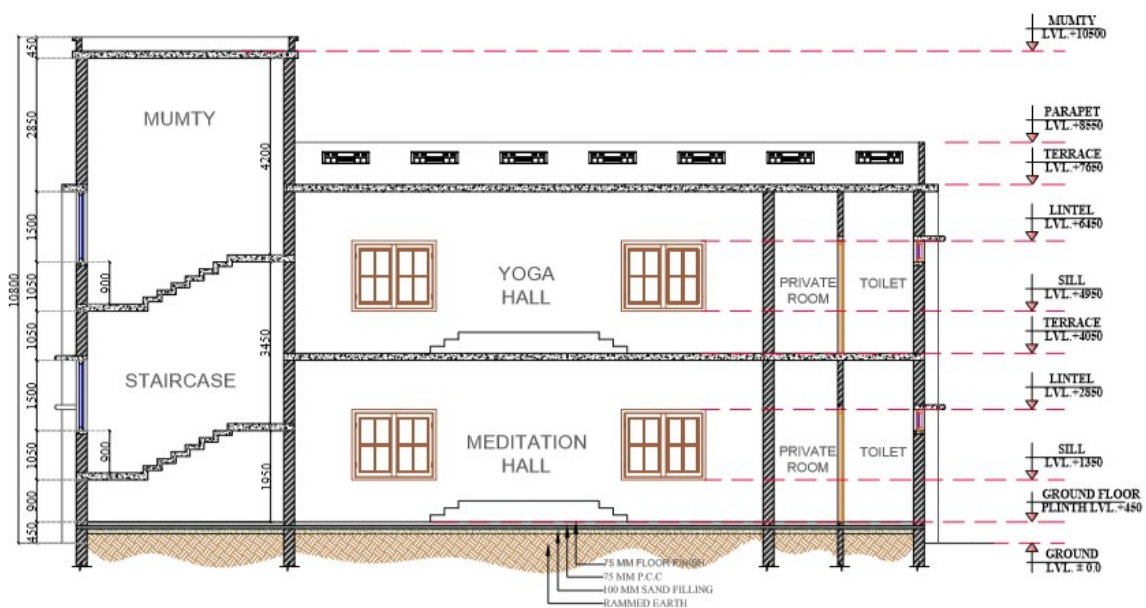


FRONT ELEVATION (GARRAGE)

OPEN JAIL (A PRISON WITHOUT BAR) , SIRAS KHERA, MORADABAD (U.P.)

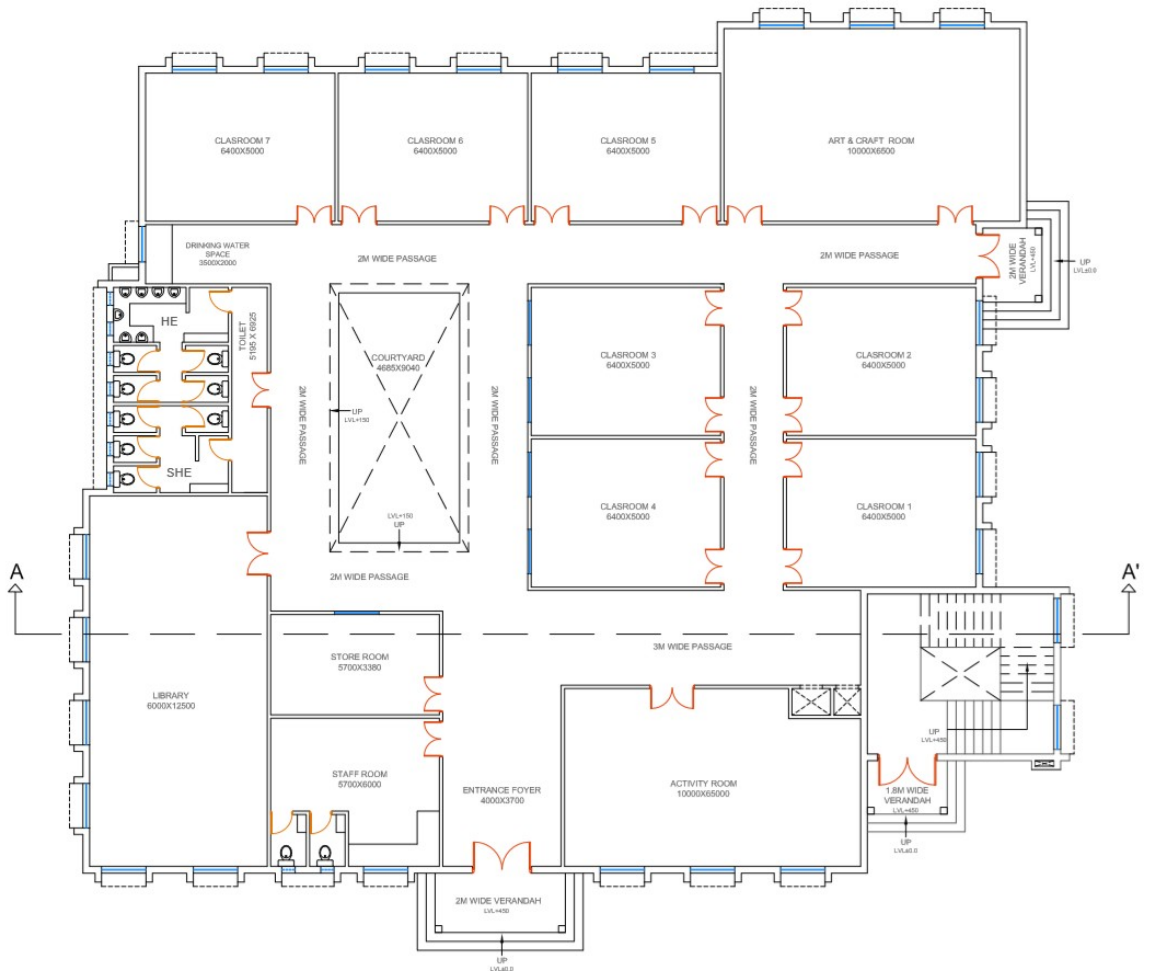


FRONT ELEVATION
(YOGA & MEDITATION HALL)

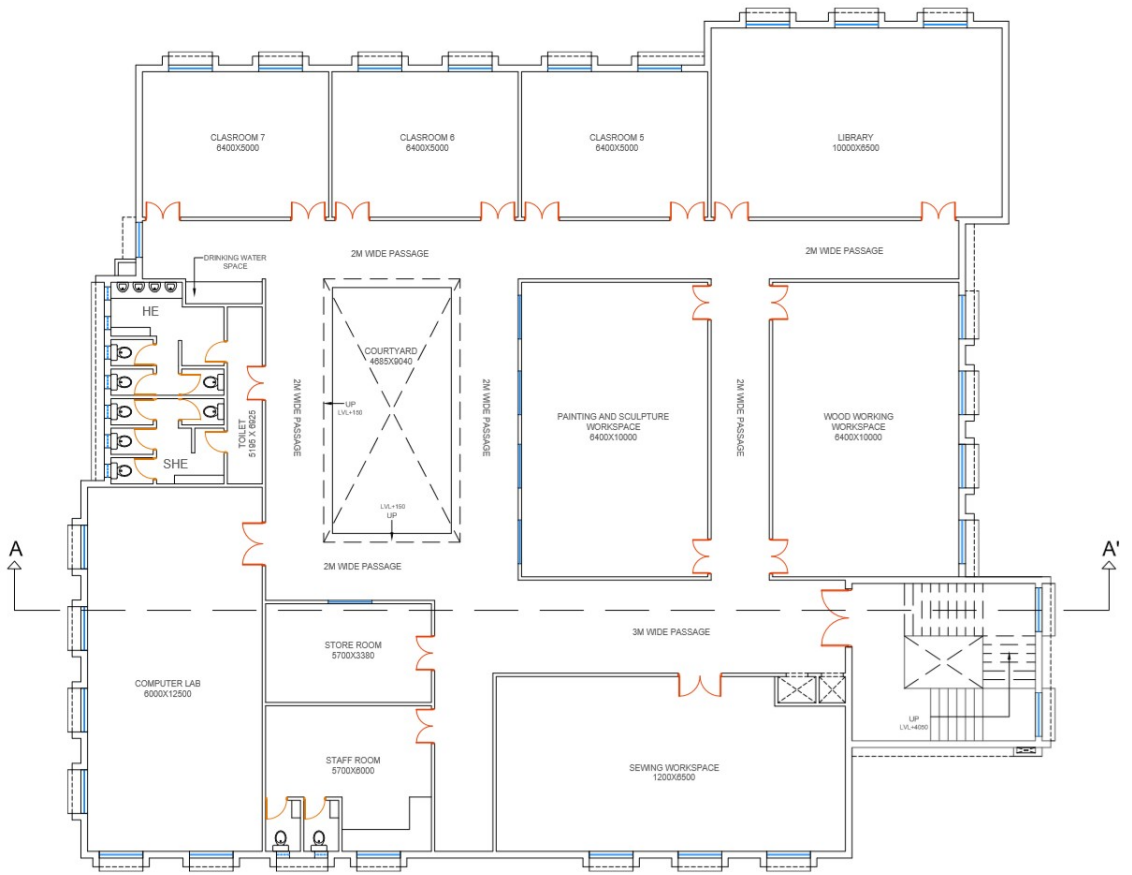


SECTION AT A-A'
(YOGA & MEDITATION HALL)

PRIMARY SCHOOL



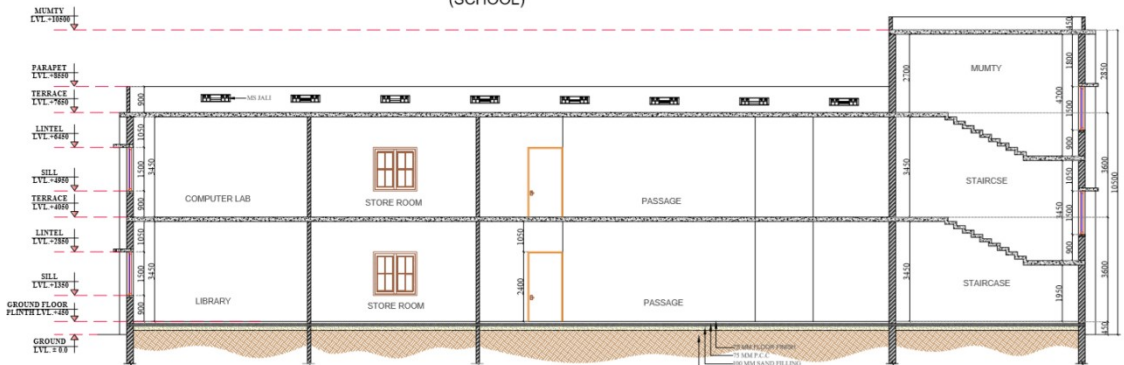
**PRIMARY SCHOOL , GRROUND FLOOR PLAN
(FOR STUDENTS)
833 SQM.**



**PRISONER'S SCHOOL ,
FIRST FLOOR PLAN
833 SQM.**

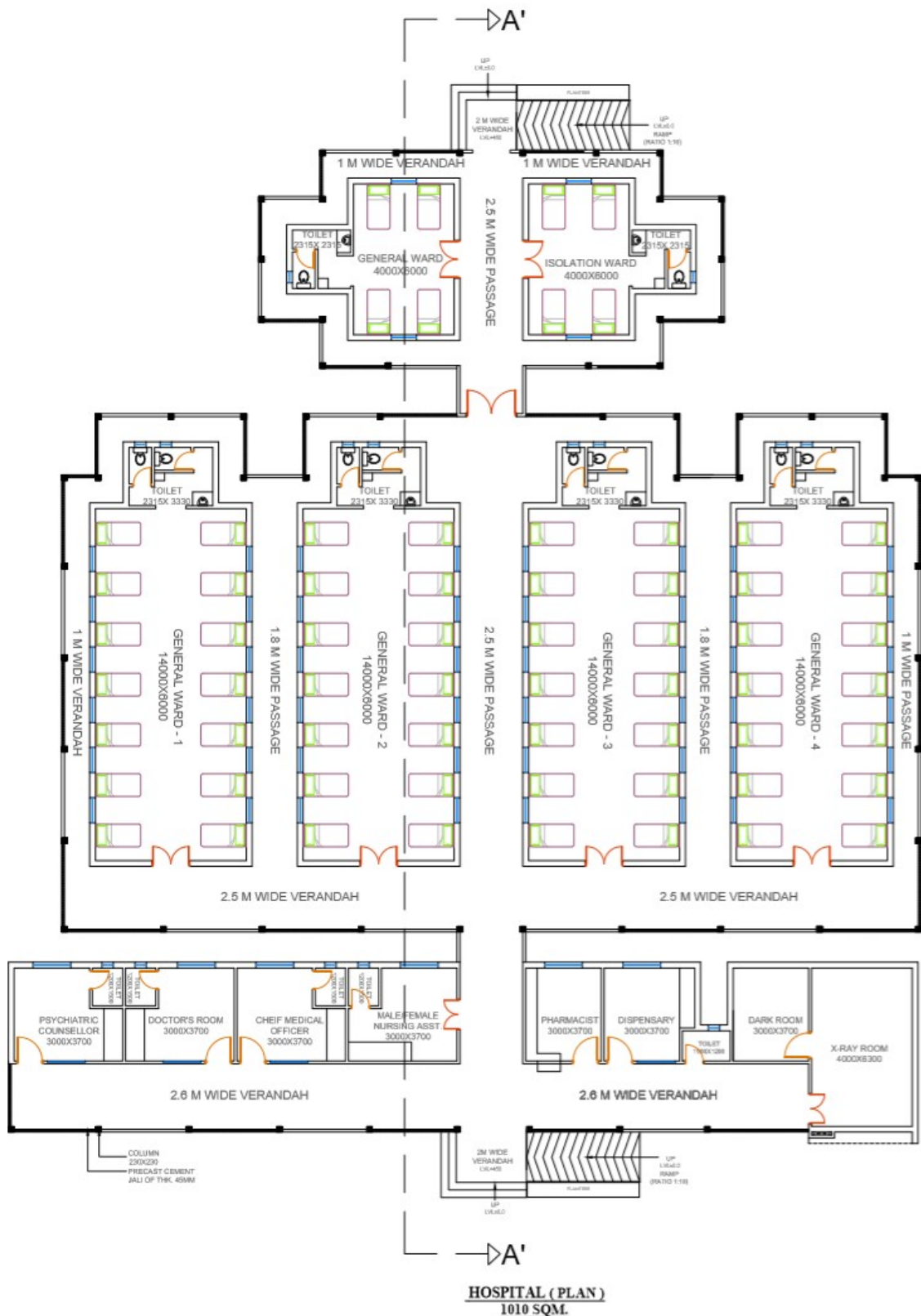


**FRONT ELEVATION
(SCHOOL)**

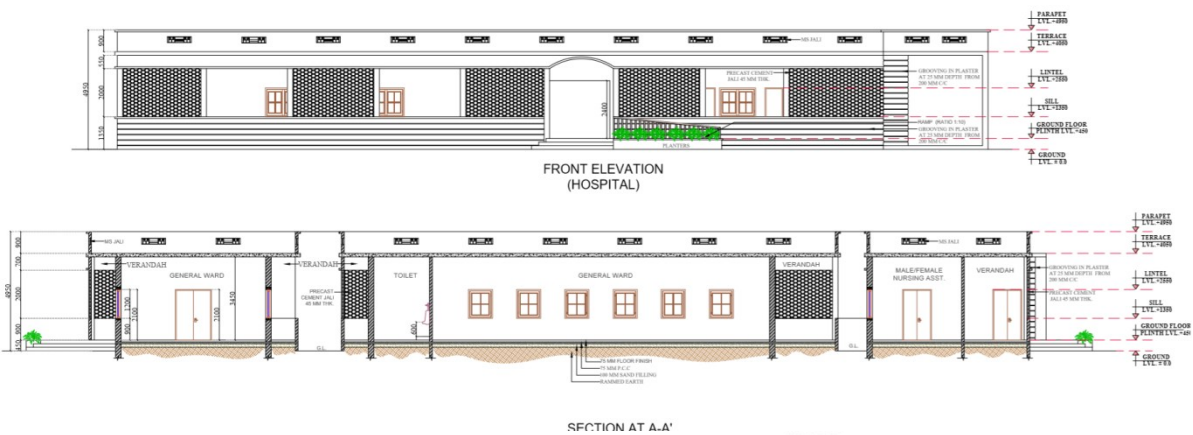


**SECTION A-A'
(SCHOOL)**

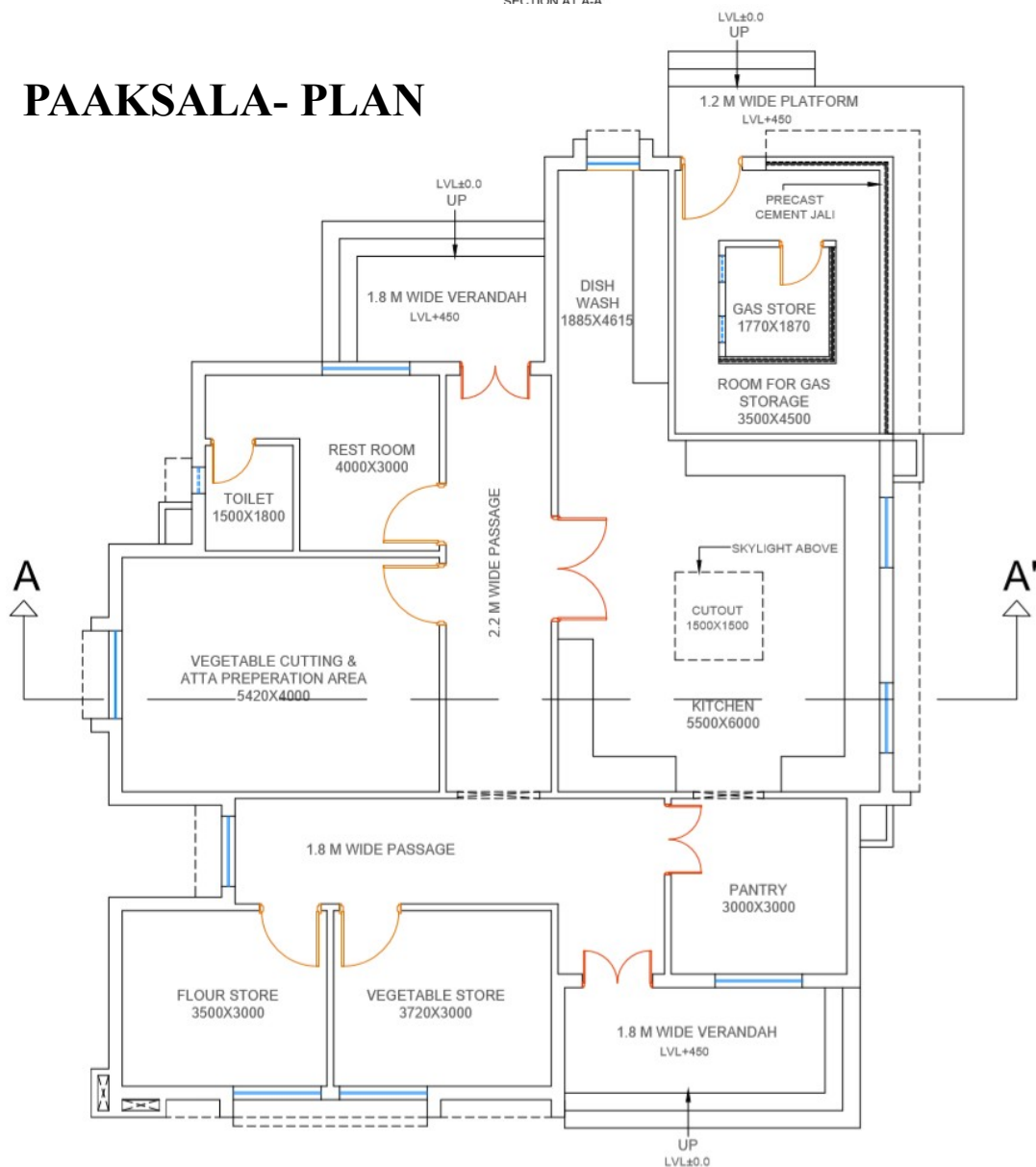
HOSPITAL -PLAN



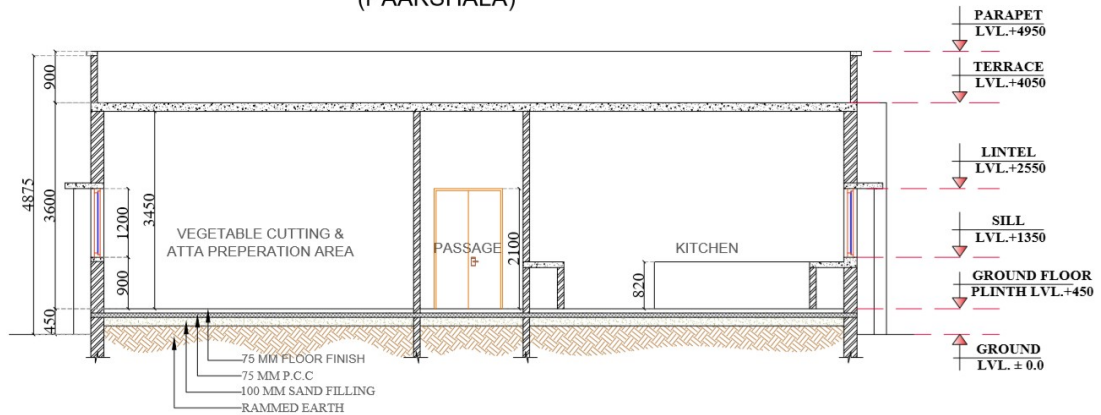
HOSPITAL –ELEVATION & SECTION



PAAKSALA- PLAN

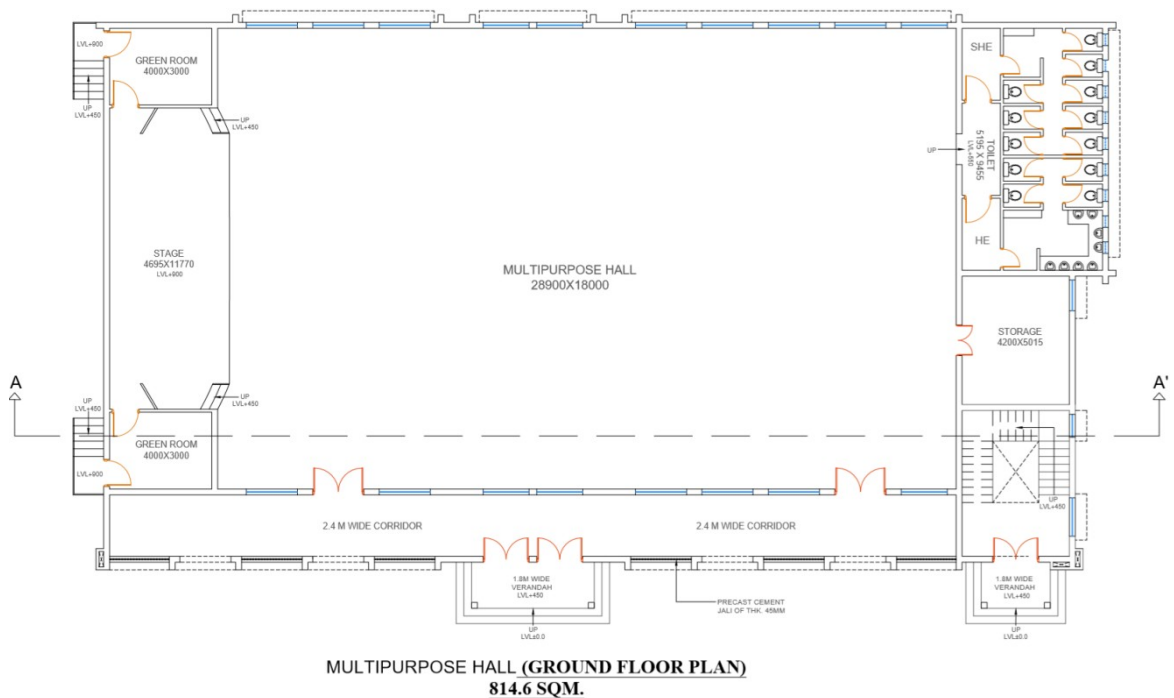


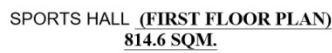
PAAKSALA 170 SQM.



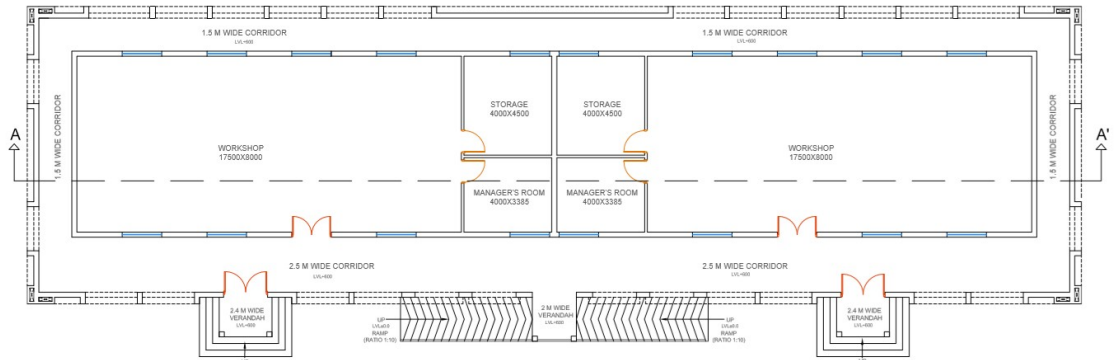
MULTIPURPOSE HALL & SPORTS HALL

MULTI PURPOSE HALL AND SPORTS HALL

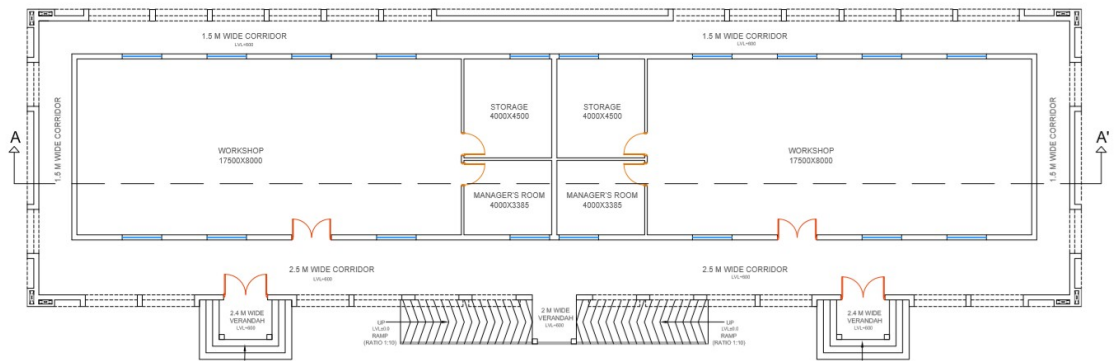




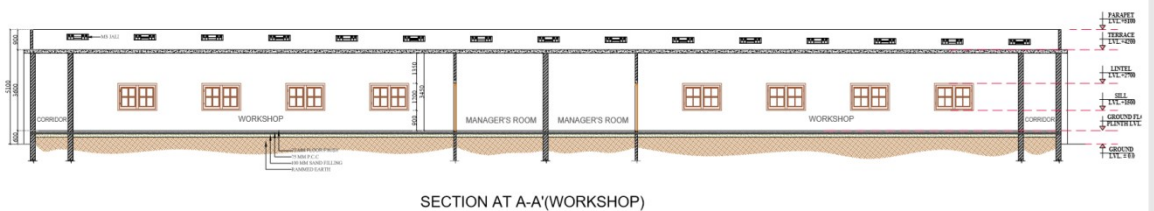
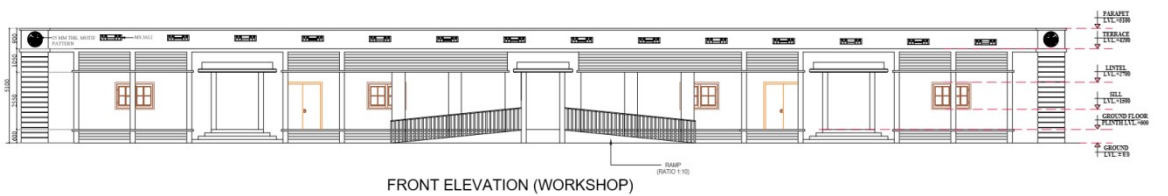
WORKSHOP -PLAN



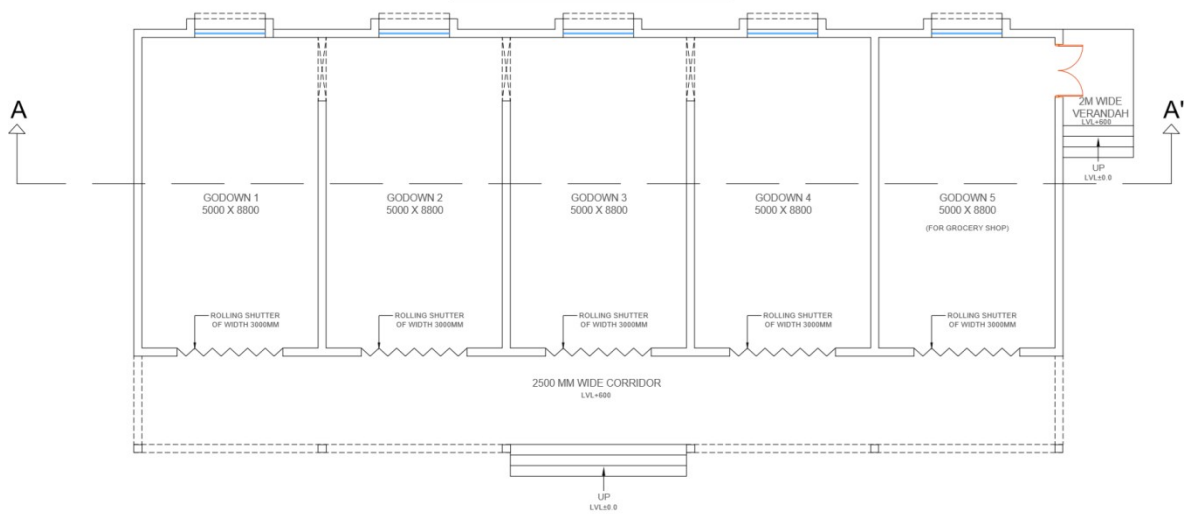
WORKSHOP (BLOCK-A)
584 SQM.



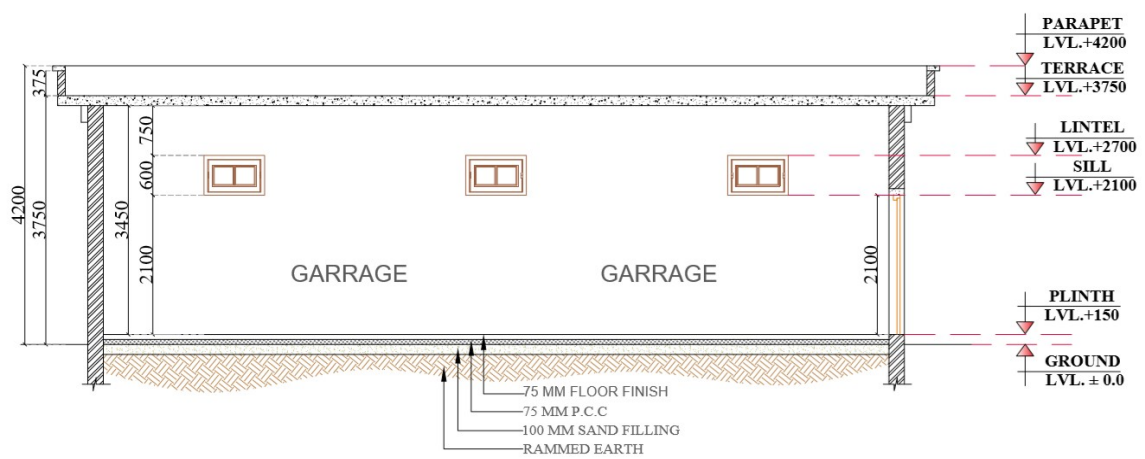
WORKSHOP (BLOCK-B)
584 SQM.



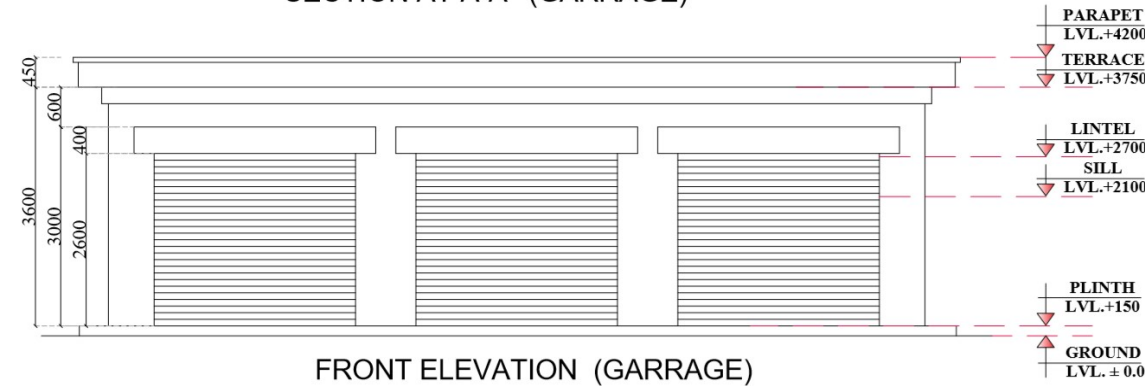
GODOWNS



GODOWN 305 SQM.

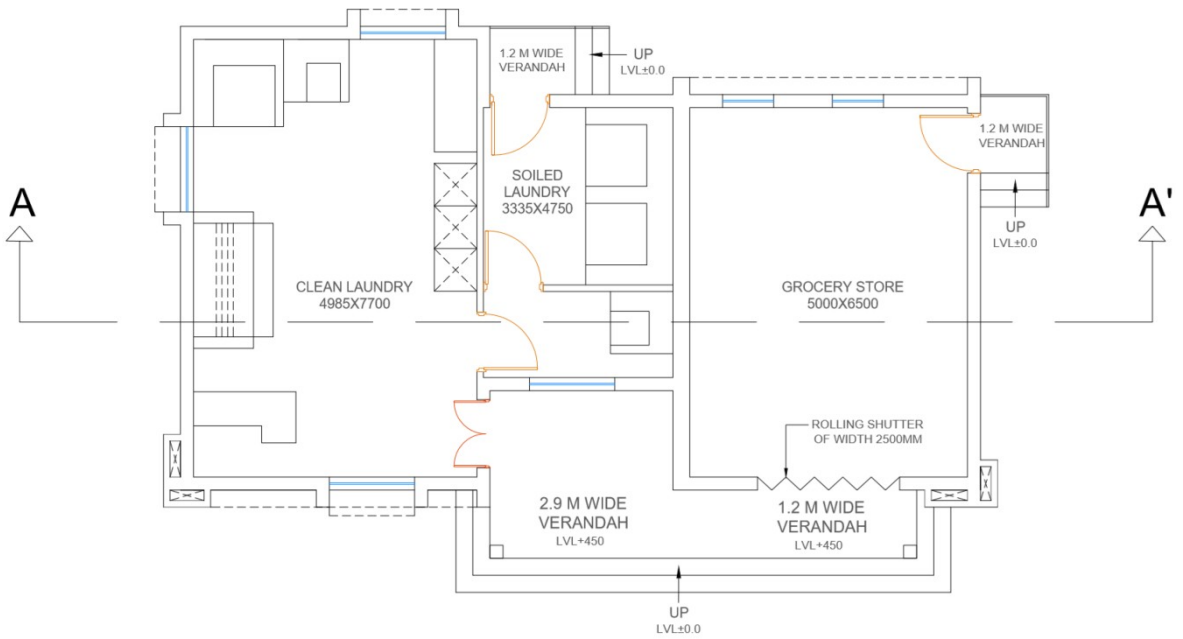


SECTION AT A-A' (GARRAGE)



FRONT ELEVATION (GARRAGE)

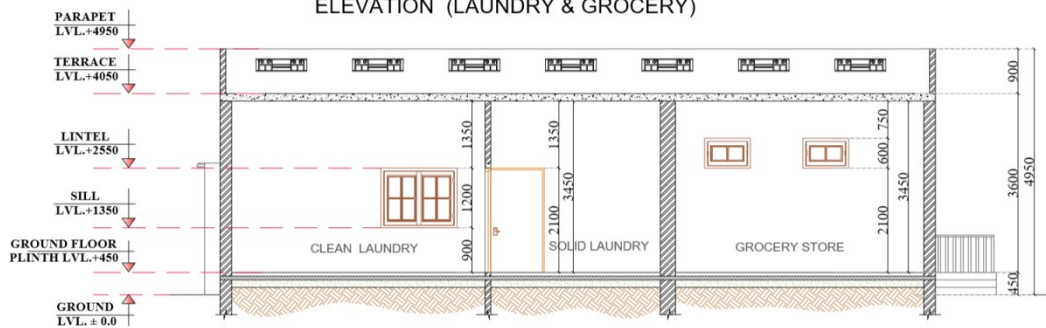
LAUNDRY & GROCERY SHOP



LAUNDRY & GROCERY SHOP 98.8 SQM

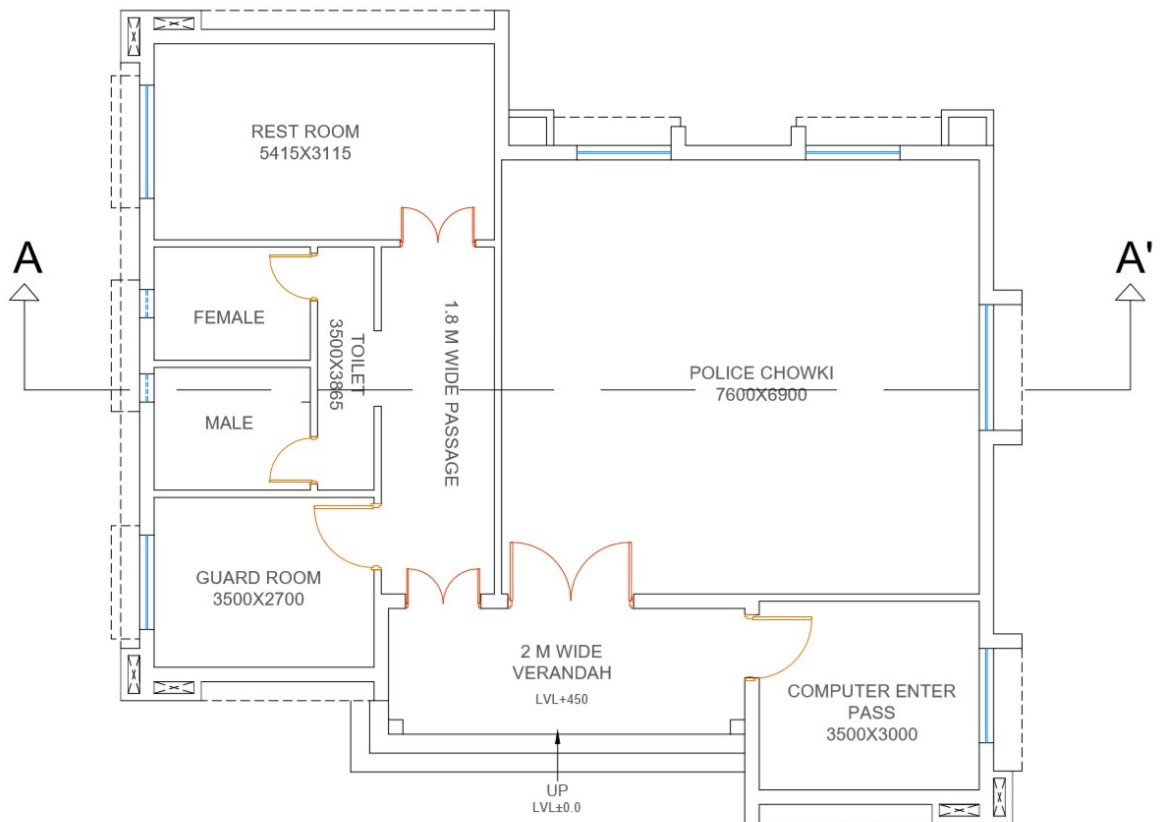


ELEVATION (LAUNDRY & GROCERY)

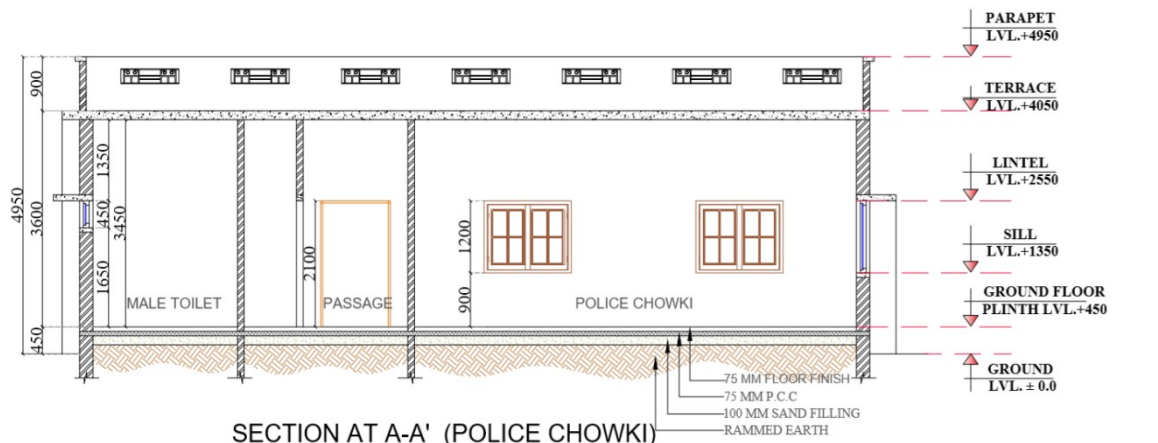


SECTION AT A-A' (LAUNDRY & GROCERY)

POLICE CHOWKI



POLICE CHOWKI 127 SQM.



SECTION AT A-A' (POLICE CHOWKI)



ELEVATION (POLICE CHOWKI)

A schematic diagram of the Santri's Post layout. It shows a rectangular area with a platform 600mm wide at the top. Below the platform is a large rectangular area labeled "SANTRI'S POST 3000X2700". To the right of this area is a smaller rectangular area labeled "CHANGE ROOM 1185X900". Below the change room is a rectangular area labeled "TOILET 1700X900". A blue dashed line indicates a path or boundary around the main area. Two orange lines with arrows point from the "CHANGE ROOM" area to the "TOILET" area. Two large black letters "A" with upward-pointing arrows are positioned on the left and right sides of the diagram.

3300
450 600
1200
900
150

PARAPET
LVL.+3300
TERRACE
LVL.+3000
LINTEL
LVL.+2250
SILL
LVL.+1050
PLINTH
LVL.+150
GROUND
LVL.±0.0

The diagram illustrates a cross-section of a building structure with the following components and levels:

- PARAPET** at **LVL. +3300**
- TERRACE** at **LVL. +3000**
- LINTEL** at **LVL. +2250**
- SILL** at **LVL. +1050**
- PLINTH** at **LVL. +150**
- GROUND** at **LVL. ± 0.0**

Structural details include:

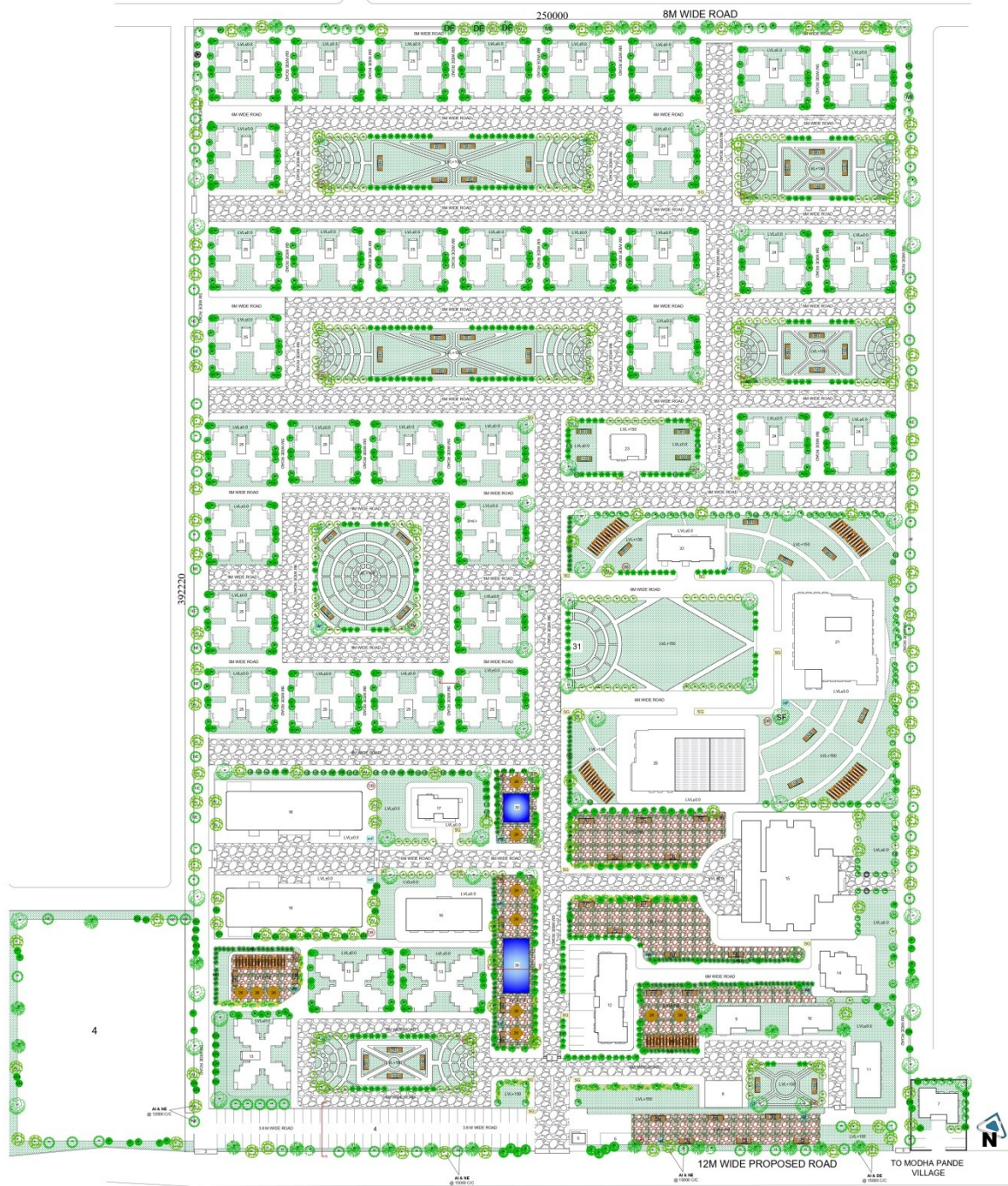
- 75 MM FLOOR FINISH**
- 75 MM P.C.C**
- 100 MM SAND FILLING**
- RAMMED EARTH**
- SANTRI's POST** (central vertical element)
- Dimensions:**
 - Overall height: 3000
 - Height from ground to terrace: 2700
 - Height from ground to lintel: 2700
 - Height from ground to sill: 1500
 - Height from ground to plinth: 150
 - Height from plinth to sill: 900
 - Height from sill to lintel: 1200
 - Height from lintel to terrace: 750

57

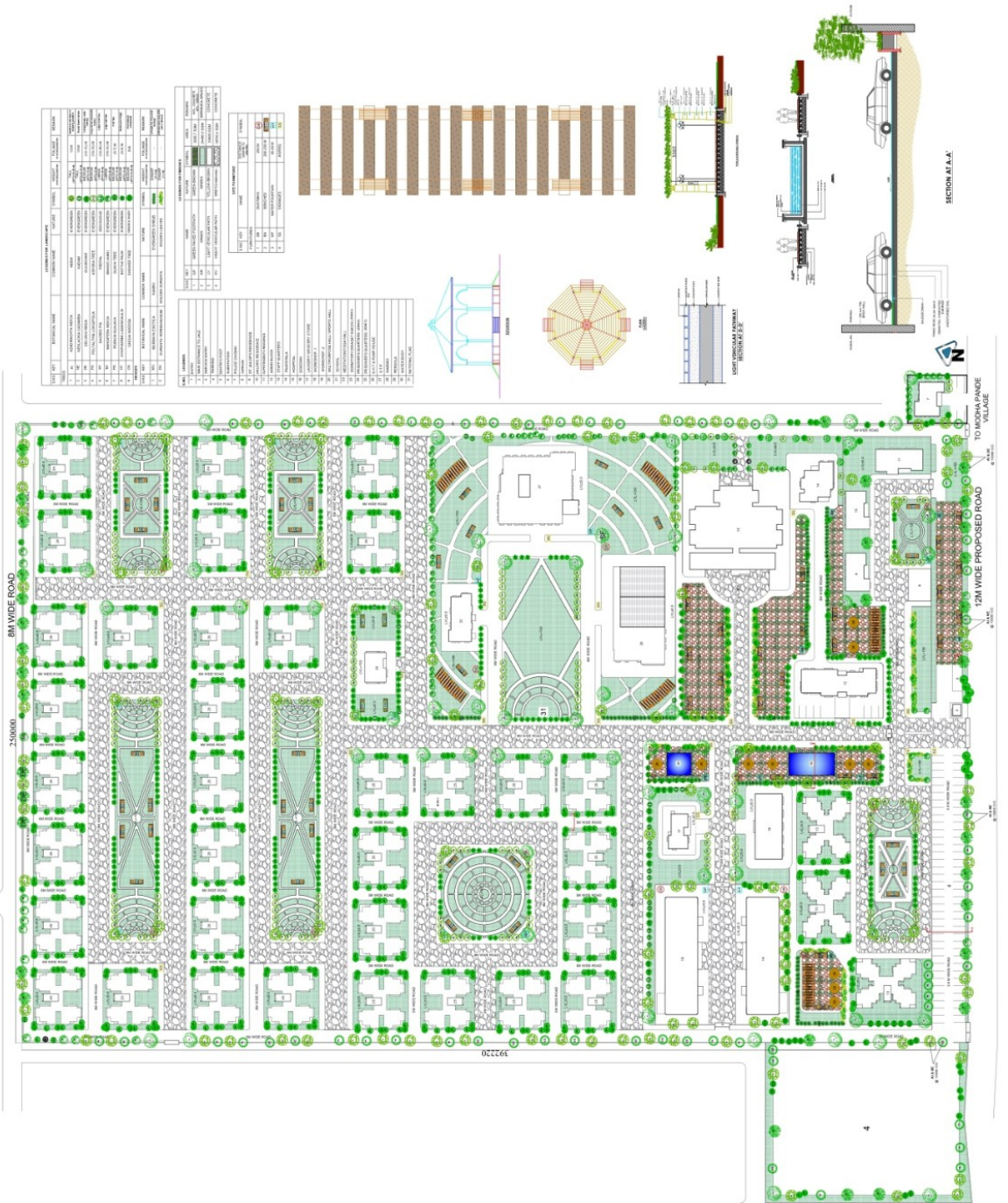
ELECTIVE -1

LANDSCAPE

LANDSCAPE PLAN



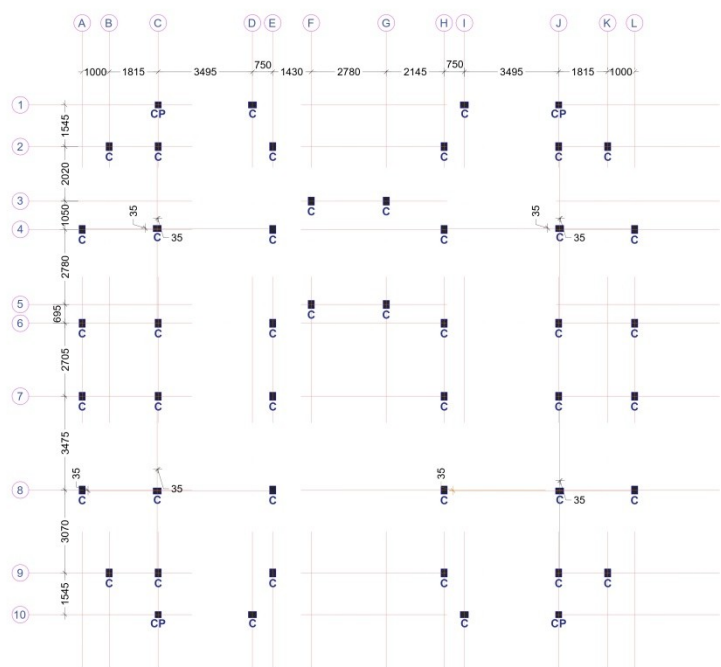
LANDSCAPE PLAN & DETAIL



ELECTIVE -2

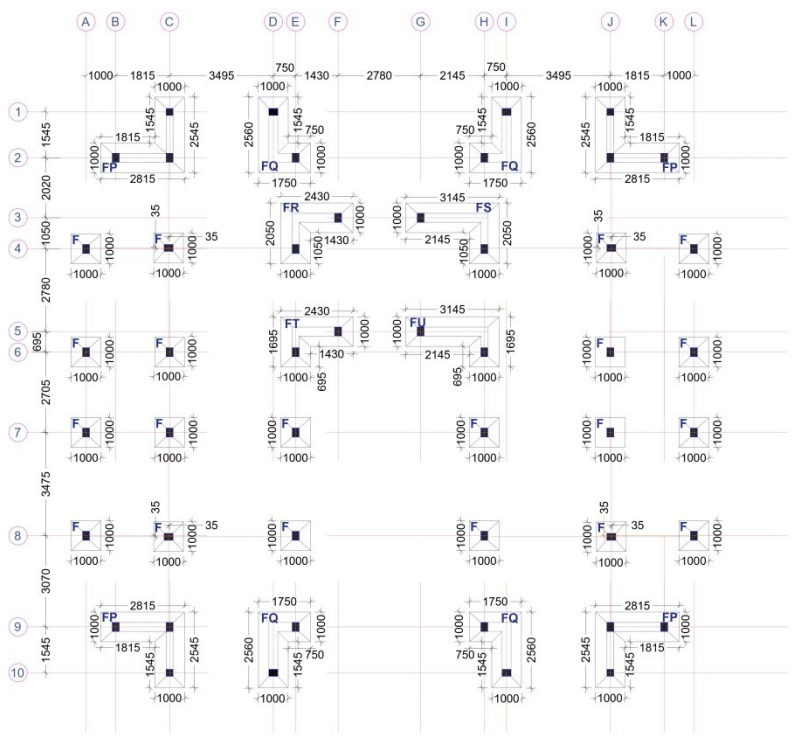
WORKING DRAWING

GRID PLAN



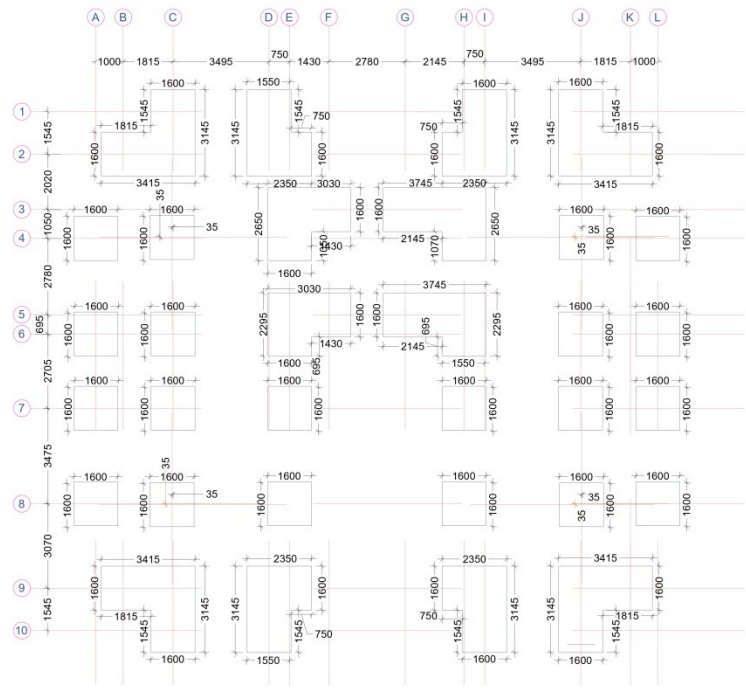
GRID PLAN

FOUNDATION PLAN



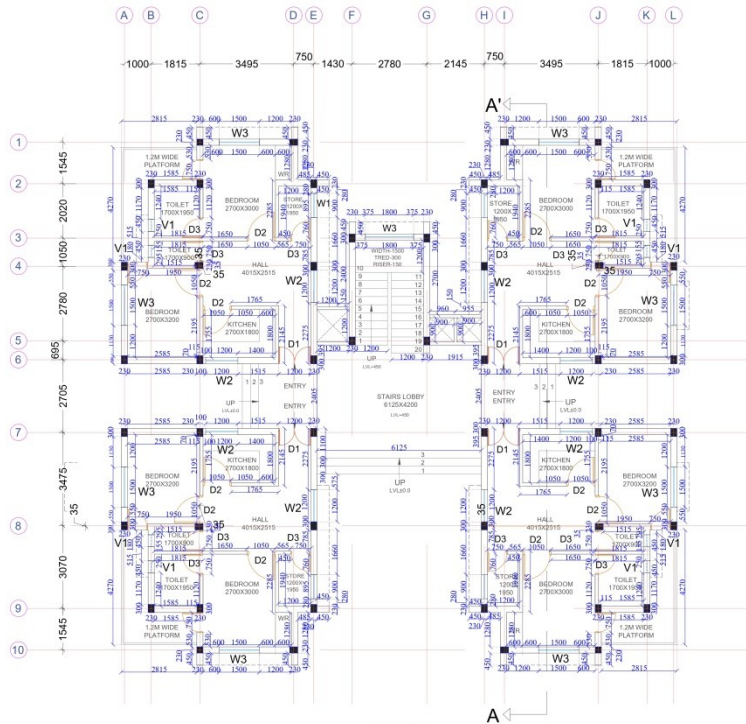
FOUNDATION PLAN

TRENCH PLAN



TRENCH PLAN

PLAN



PLAN
TYPICAL GROUND FLOOR
TO SECOND FLOOR

[illegible]

Architectural floor plan of a three-story residential building. The plan shows three floors: Ground Floor, First Floor, and Second Floor. Each floor has a symmetrical layout with two bedrooms, a kitchen, a living area (labeled as Hall or Entry), and a staircase lobby. The ground floor includes a plinth level and a ground level. The first and second floors have lintel and sill levels. The plan also shows a parapet level and an open terrace level. Dimensions are provided for various components, including walls, doors, windows, and furniture. A legend at the bottom left specifies the floor finish, P.C.C., sand filling, and rammed earth.

Legend:

- 75 MM FLOOR FINISH
- 75 MM P.C.C.
- 100 MM SAND FILLING
- RAMMED EARTH

Room Details and Dimensions:

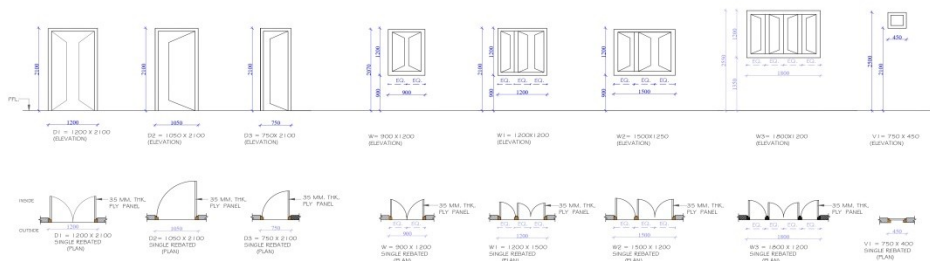
- Bedroom:** 1200 mm x 1200 mm. Includes wardrobe (75 mm thick wall) and door (100 mm thick lintel).
- Kitchen:** 900 mm x 1200 mm. Includes slab (115 mm thick wall) and door (100 mm thick lintel).
- Hall/Entry:** 1200 mm x 1200 mm. Includes door (100 mm thick lintel).
- Stairs Lobby:** 900 mm x 1200 mm. Includes door (100 mm thick lintel).
- Parapet:** 115 mm thick wall.
- Open Terrace:** 115 mm thick wall.
- Lintel:** 115 mm thick wall.
- Sill:** 115 mm thick wall.
- Ground Floor Plinth:** 115 mm thick wall.
- Ground Level:** 115 mm thick wall.

Levels:

- MUMTY LVL. +12600
- PARAPET LVL. +10800
- OPEN TERRACE LVL. +9900
- LINTEL LVL. +8850
- SILL LVL. +7650
- SECOND FLOOR LVL. +6750
- LINTEL LVL. +5700
- SILL LVL. +4500
- FIRST FLOOR LVL. +3600
- LINTEL LVL. +2550
- SILL LVL. +1350
- GROUND FLOOR PLINTH LVL. +450
- GROUND LVL. ± 0.0

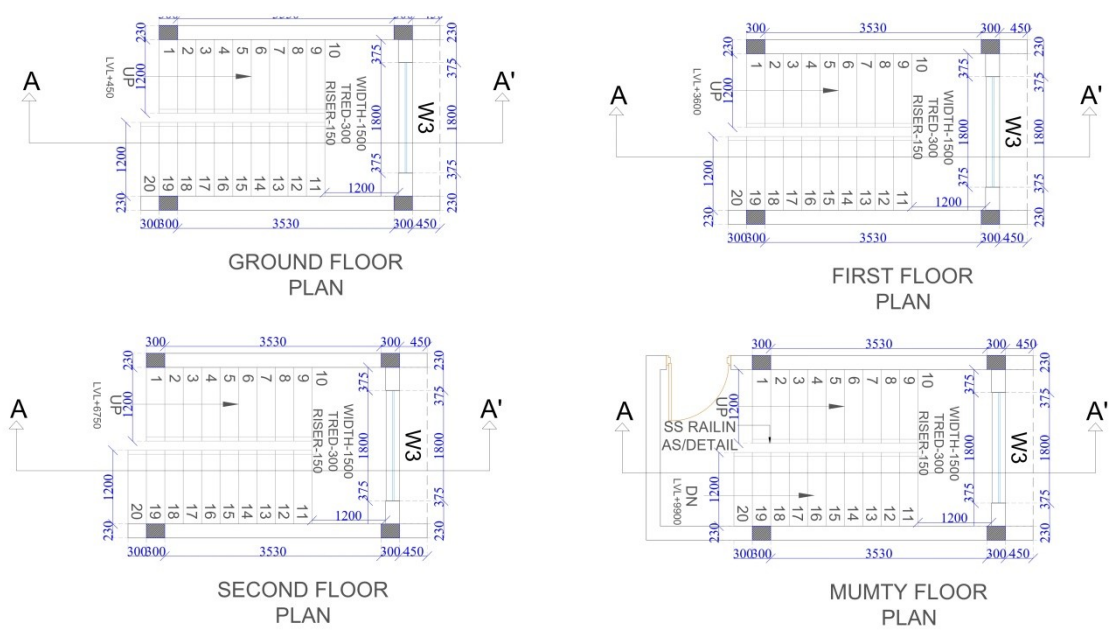
SECTION AT A-A'
(PRISONER'S QUARTER)

DOOR WINDOW SCHEDULE

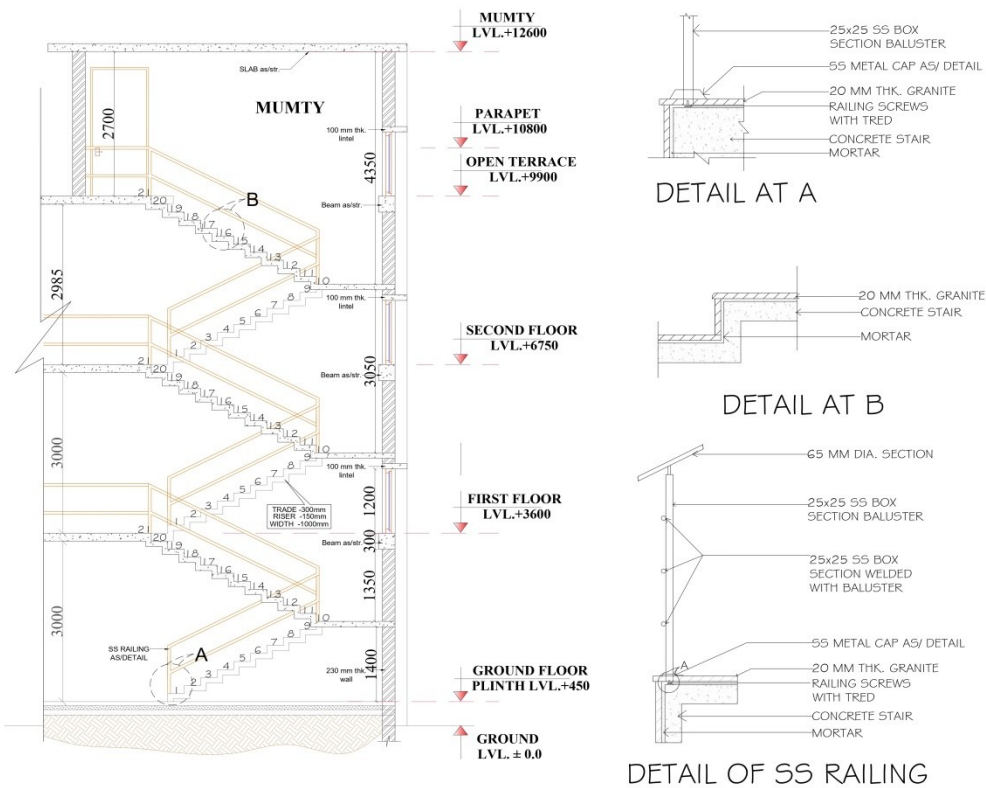


SCHEDULE OF DOOR AND WINDOWS						
S.NO.	TYPE	SIZE	SILL	LINTEL		REMARKS
			WINDOW	DOOR	WINDOW	
1.	D1	1200X2100	—	2100	—	SINGLE REBEATED
2.	D2	1050X2100	—	2100	—	SINGLE REBEATED
3.	D3	750X2100	—	2100	—	SINGLE REBEATED
4.	W	900X1200	900	—	2100	SINGLE REBEATED
5.	W1	1200X1200	900	—	2100	SINGLE REBEATED
6.	W2	1800X1200	1350	—	2250	SINGLE REBEATED
7.	W3	450X400	900	—	2100	SINGLE REBEATED
8.	V1	450X400	2100	—	2500	SINGLE REBEATED

PLAN- STAICASES



STAICASES SECTION & DETAIL



CONCLUSION

I HEREBY DECLARE THAT THE WORK DONE IN THIS THESIS PROJECT IS MY OWN WORK AND I HAVE COLLECTED THE DATA FROM VARIOUS SOURCES, WHICH I HAVE DULY ACKNOWLEDGED IN MY REPORT.

Date: 7/6/2020

Place: Lucknow

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